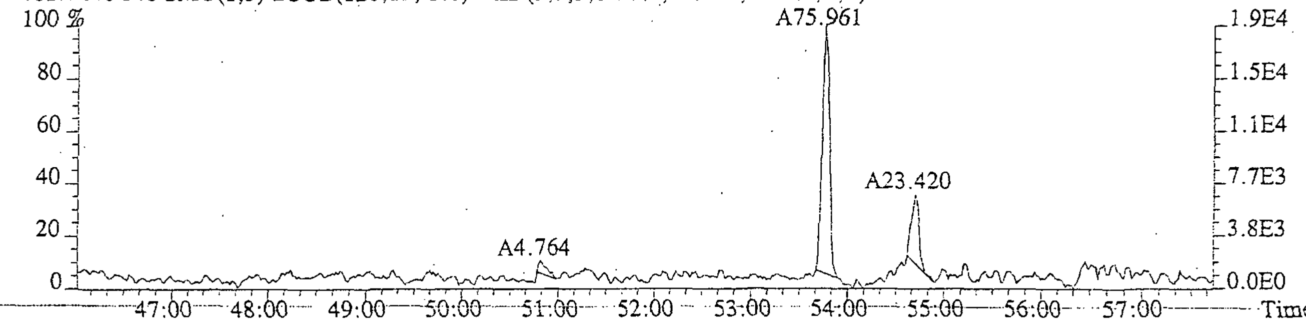
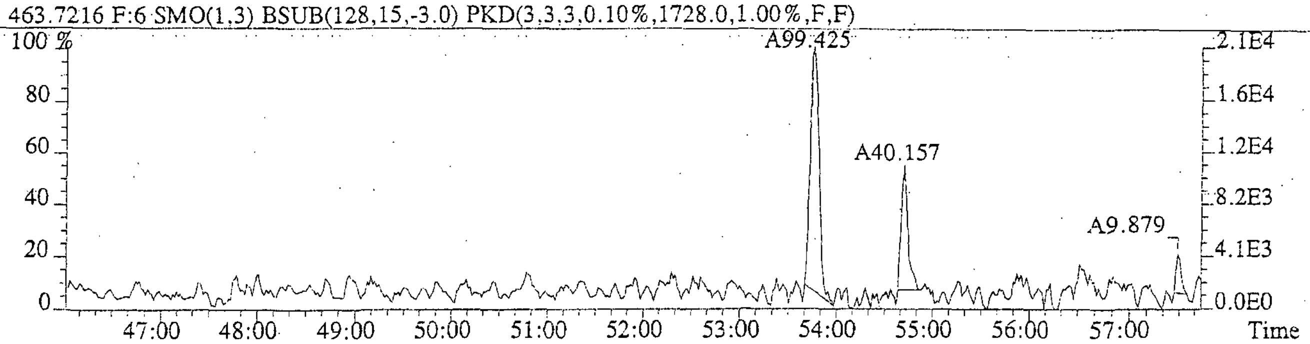
SDMS DocID 474368

File:U220297 #1-580 Acq: 2-SEP-2009 19:46:09 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-01 MB

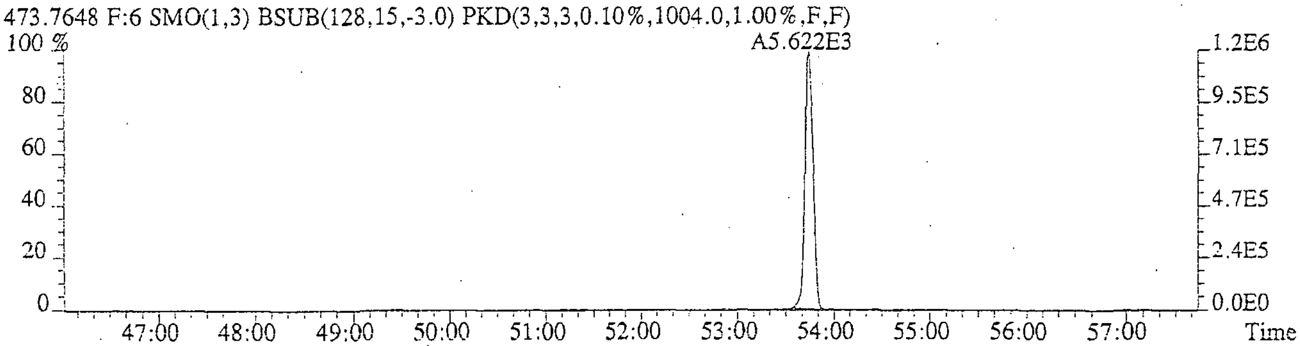
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,F)



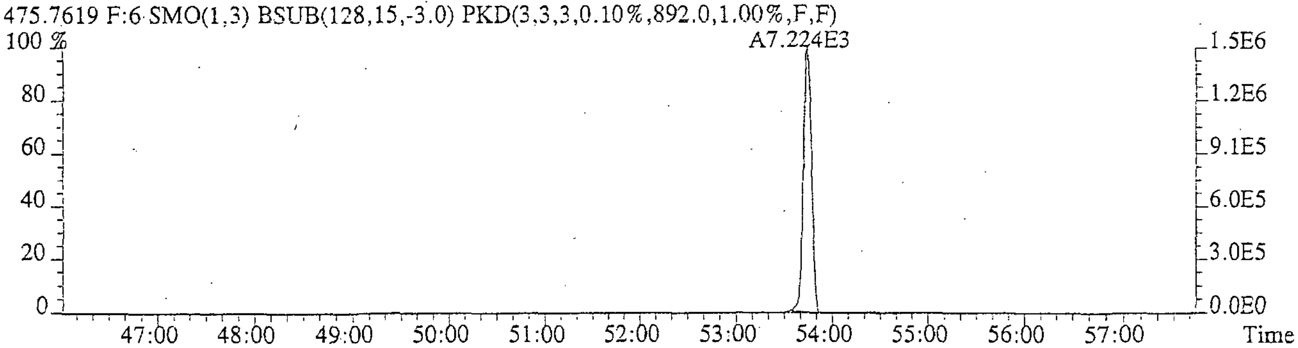
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1728.0,1.00%,F,F)



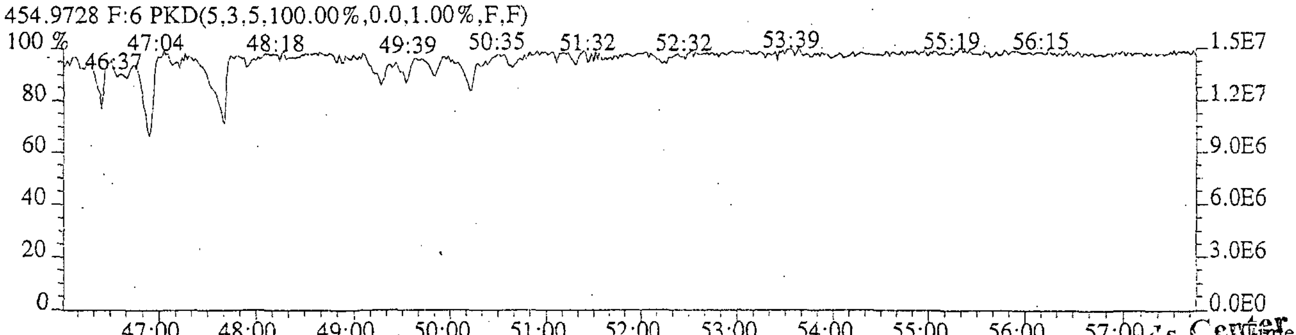
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1004.0,1.00%,F,F)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,F)

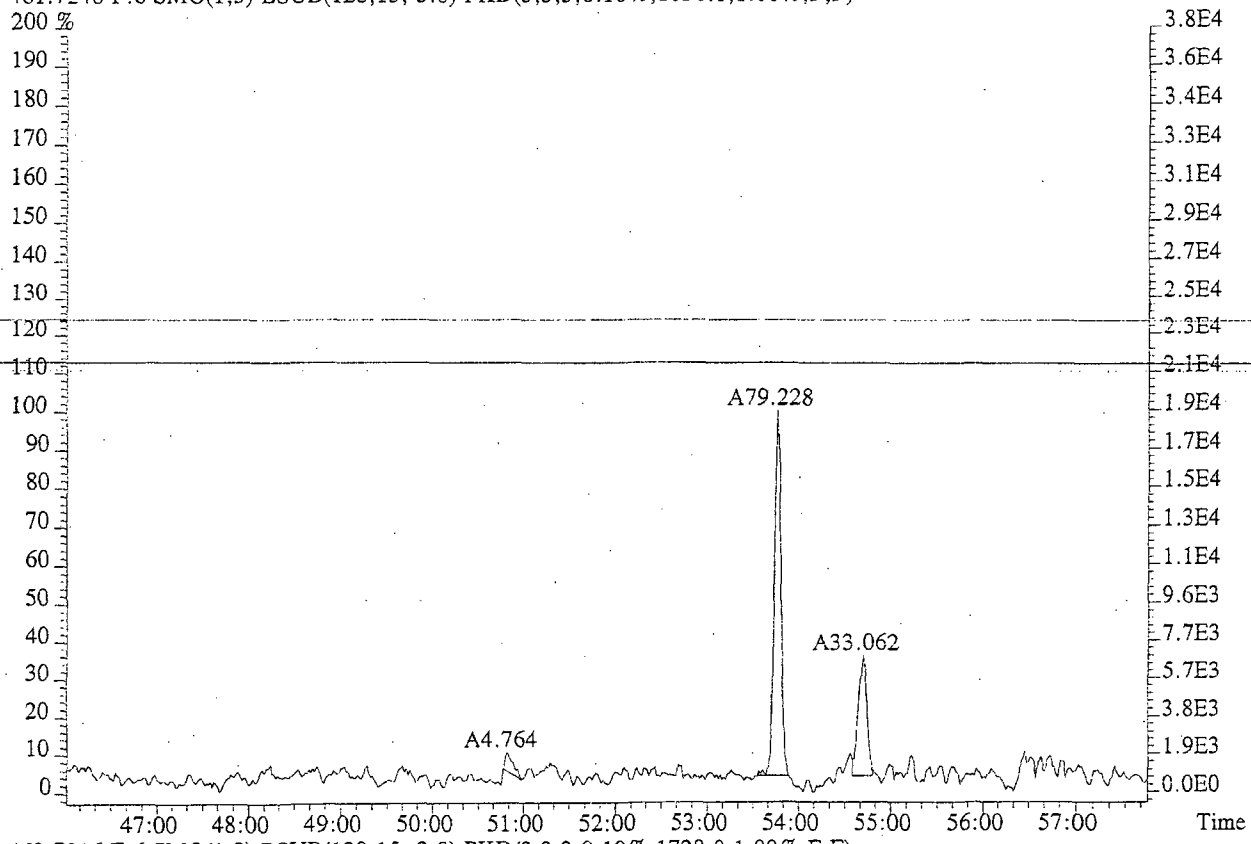


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

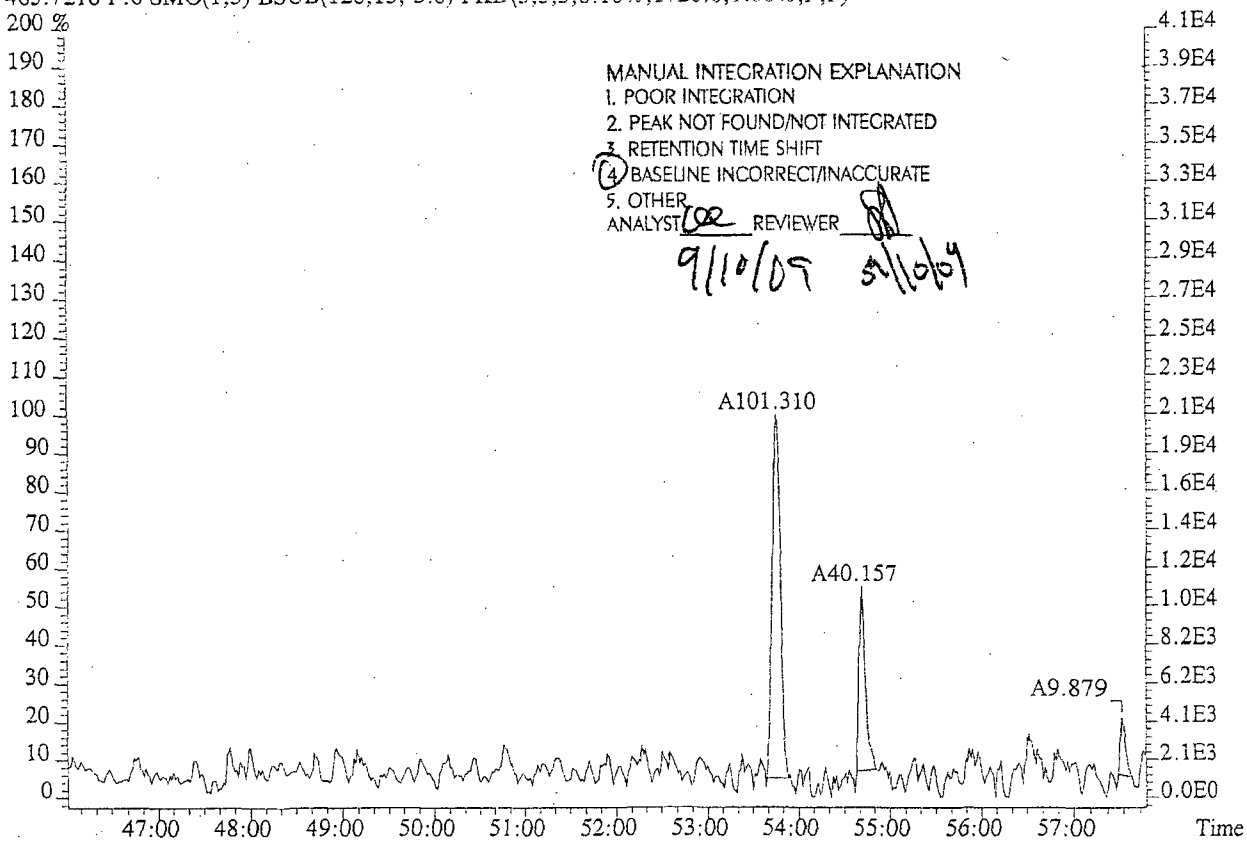


Superfund Records Center
SITE: Chlor-Alkali
BREAK: 3.2
OTHER:

File:U220297 #1-580 Acq: 2-SEP-2009 19:46:09 Probe EI+ Magnet SIR VG BioTech Mass s£
Sample#1 Exp:EQ0900323-01 MB
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,F)

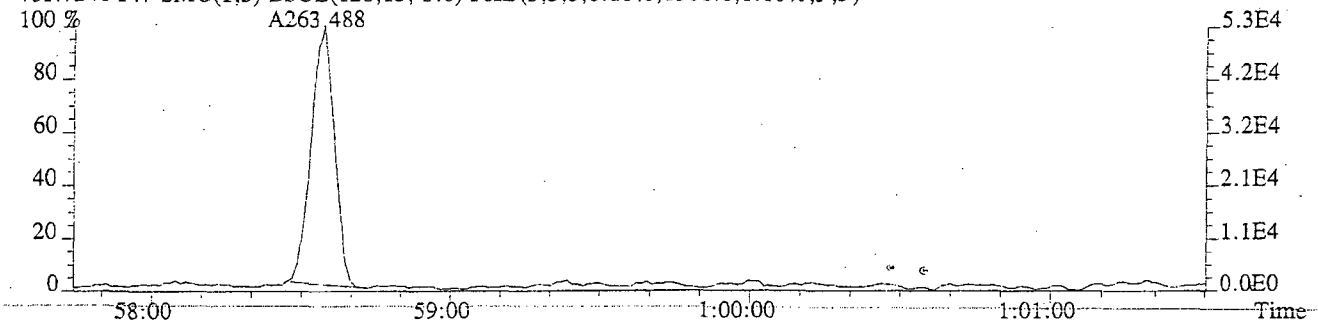


463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1728.0,1.00%,F,F)

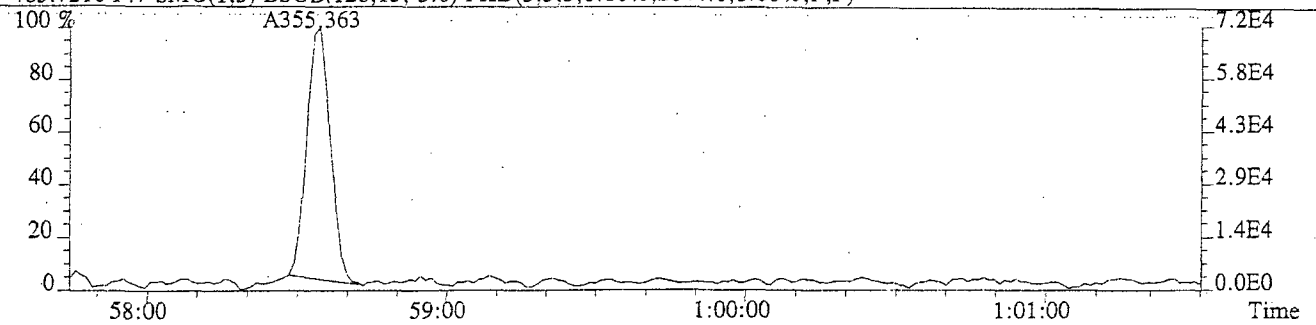


File:U220297 #1-213 Acq: 2-SEP-2009 19:46:09 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-01 MB

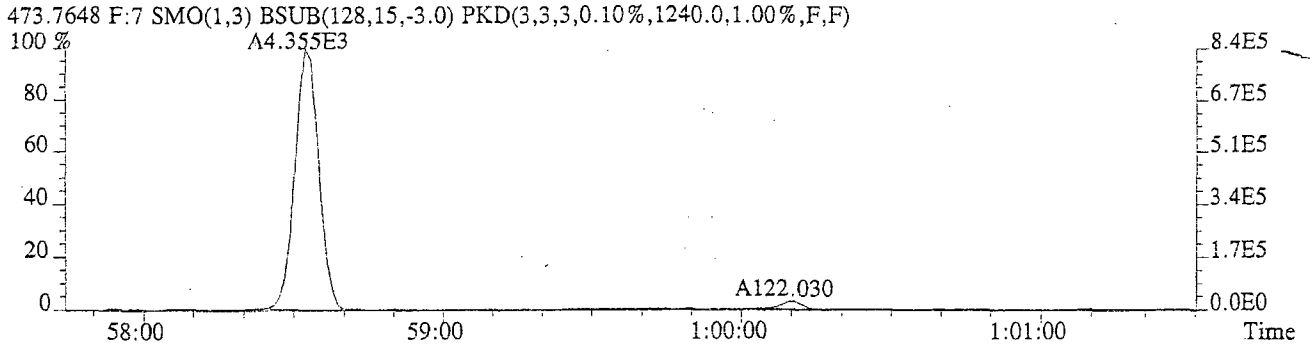
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1308.0,1.00%,F,F)



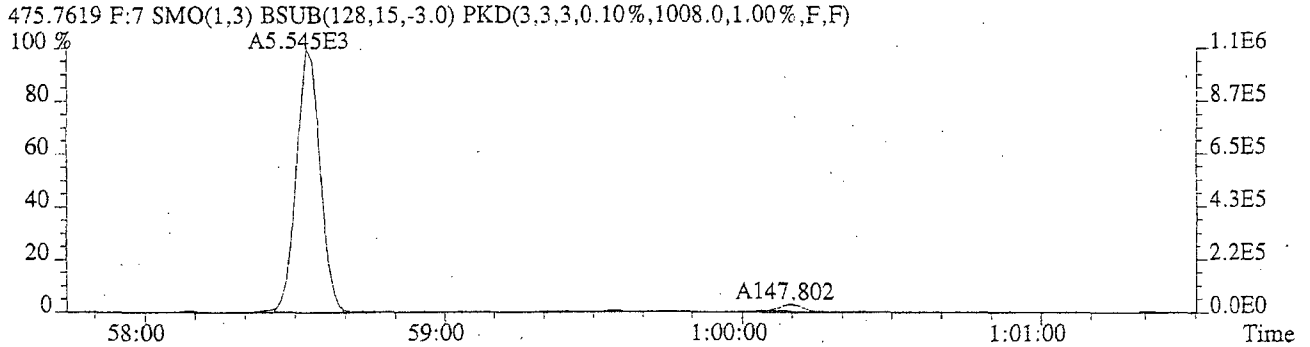
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2844.0,1.00%,F,F)



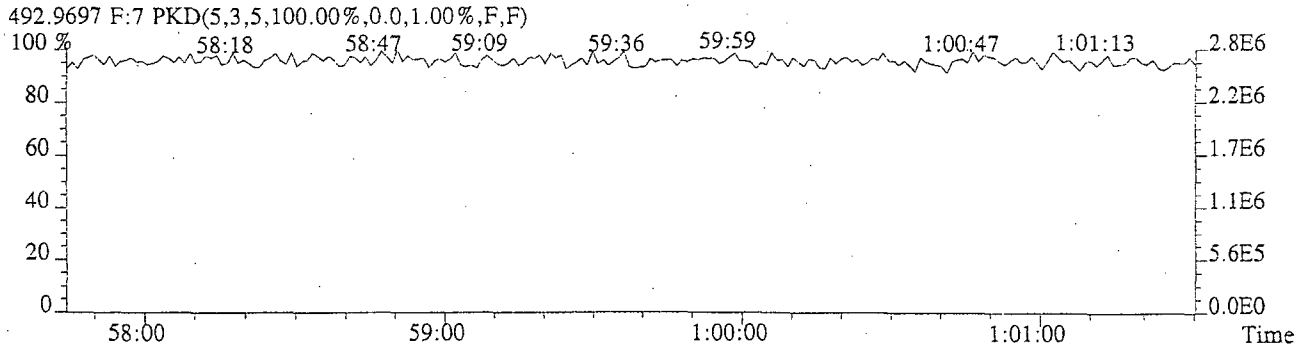
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1240.0,1.00%,F,F)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1008.0,1.00%,F,F)

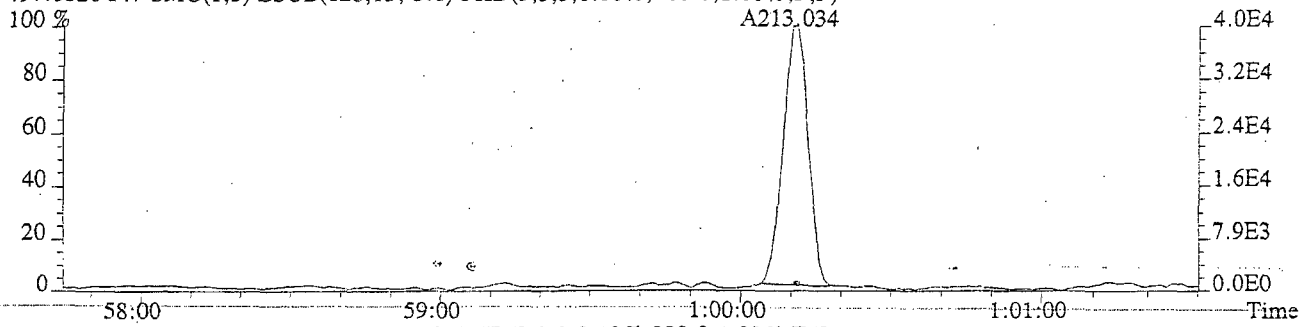


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

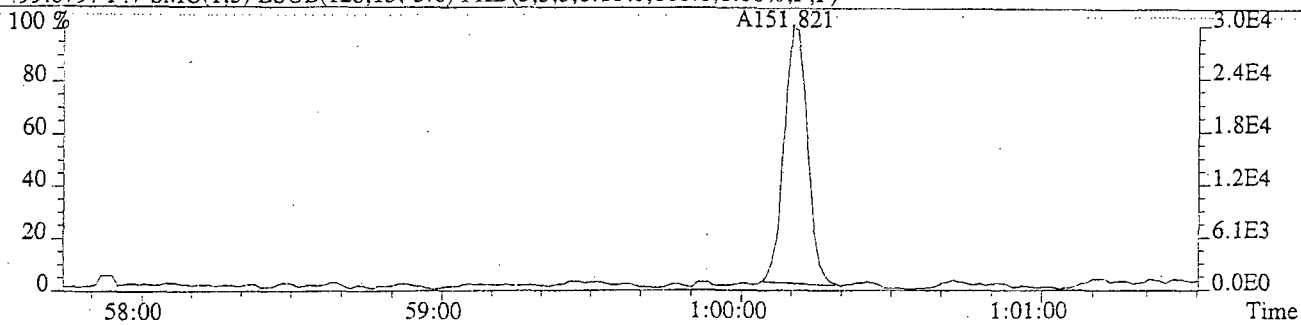


File:U220297 #1-213 Acq: 2-SEP-2009 19:46:09 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:EQ0900323-01 MB

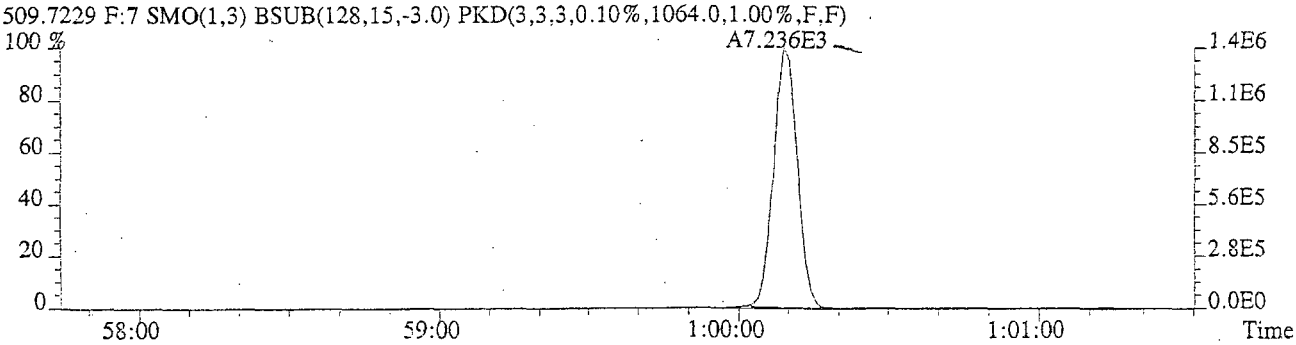
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,760.0,1.00%,F,F)



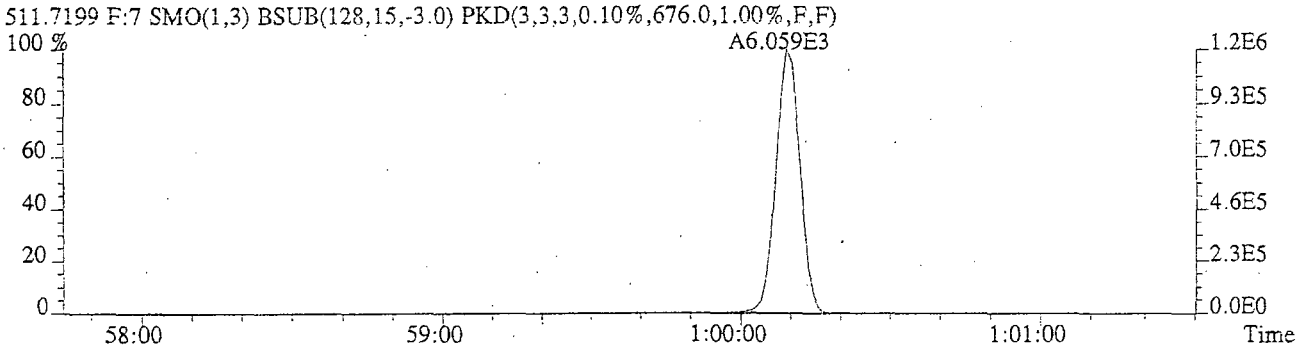
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,800.0,1.00%,F,F)



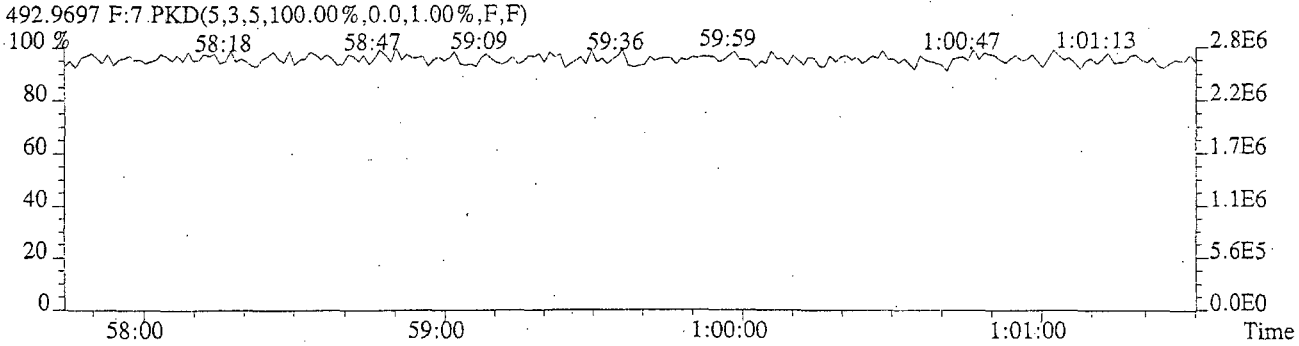
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1064.0,1.00%,F,F)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,676.0,1.00%,F,F)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
METHOD BLANK

Run #8 Filename U220375 Samp: 1 Inj: 1 Acquired: 9-SEP-09 11:31:51
Processed: 10-SEP-09 08:00:20 Sample ID: EQ0900337-01

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet		Mod?	RRT
1	1	PCB-1	NotFnd	*	*	*	n	n	*
2	1	PCB-2	NotFnd	*	*	*	n	n	*
3	1	PCB-3	NotFnd	*	*	*	n	n	*
4	1	PCB-4	NotFnd	*	*	*	n	n	*
5	1	PCB-10	NotFnd	*	*	*	n	n	*
6	2	PCB-9	NotFnd	*	*	*	n	n	*
7	2	PCB-7	NotFnd	*	*	*	n	n	*
8	2	PCB-6	NotFnd	*	*	*	n	n	*
9	2	PCB-5	NotFnd	*	*	*	n	n	*
10	2	PCB-8	NotFnd	*	*	*	n	n	*
11	2	PCB-14	NotFnd	*	*	*	n	n	*
12	2	PCB-11	23:00	2.700e+03	1.626e+03	1.66	y	n	0.973
13	2	PCB-12/13	NotFnd	*	*	*	n	n	*
14	2	PCB-15	NotFnd	*	*	*	n	n	*
15	2	PCB-19	NotFnd	*	*	*	n	n	*
16	2	PCB-18/30	22:40	2.631e+02	2.833e+02	0.93	y	y	1.099
17	2	PCB-17	23:07	1.084e+02	1.065e+02	1.02	y	y	1.120
18	2	PCB-27	NotFnd	*	*	*	n	n	*
19	2	PCB-24	NotFnd	*	*	*	n	n	*
20	2	PCB-16	23:38	8.142e+01	9.050e+01	0.90	y	y	1.145
21	2	PCB-32	24:10	1.228e+02	1.282e+02	0.96	y	y	1.171
22	3	PCB-34	NotFnd	*	*	*	n	n	*
23	3	PCB-23	NotFnd	*	*	*	n	n	*
24	3	PCB-26/29	25:59	7.852e+01	7.314e+01	1.07	y	y	1.259
25	3	PCB-25	NotFnd	*	*	*	n	n	*
26	3	PCB-31	26:34	4.988e+02	5.314e+02	0.94	y	y	0.857
27	3	PCB-20/28	26:52	5.918e+02	6.114e+02	0.97	y	y	0.866
28	3	PCB-21/33	27:07	3.083e+02	3.124e+02	0.99	y	y	0.874
29	3	PCB-22	27:32	1.912e+02	1.772e+02	1.08	y	y	0.888
30	3	PCB-36	NotFnd	*	*	*	n	n	*
31	3	PCB-39	NotFnd	*	*	*	n	n	*
32	3	PCB-38	NotFnd	*	*	*	n	n	*
33	3	PCB-35	NotFnd	*	*	*	n	n	*
34	3	PCB-37	NotFnd	*	*	*	n	y	*
35	2	PCB-54	NotFnd	*	*	*	n	n	*
36	3	PCB-50/53	NotFnd	*	*	*	n	n	*
37	3	PCB-45/51	NotFnd	*	*	*	n	y	*
38	3	PCB-46	NotFnd	*	*	*	n	n	*
39	3	PCB-52	28:47	5.695e+02	7.138e+02	0.80	y	y	1.201
40	3	PCB-43/73	NotFnd	*	*	*	n	n	*
41	3	PCB-49/69	29:17	1.609e+02	2.358e+02	0.68	y	y	1.222
42	3	PCB-48	NotFnd	*	*	*	n	y	*
43	3	PCB-44/47/65	29:49	3.473e+02	4.283e+02	0.81	y	n	1.244
44	3	PCB-59/62/75	NotFnd	*	*	*	n	n	*
45	3	PCB-42	NotFnd	*	*	*	n	n	*
46	3	PCB-40/41/71	30:53	9.366e+01	1.466e+02	0.64	n	y	1.289
47	3	PCB-64	31:06	1.377e+02	1.906e+02	0.72	y	n	1.298
48	3	PCB-72	NotFnd	*	*	*	n	n	*
49	3	PCB-68	NotFnd	*	*	*	n	n	*
50	3	PCB-57	NotFnd	*	*	*	n	n	*

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51	3	PCB-58	NotFnd	*	*	*	n	n	*
52	3	PCB-67	NotFnd	*	*	*	n	n	*
53	3	PCB-63	NotFnd	*	*	*	n	n	*
54	3	PCB-61/70/74/76	33:43	3.997e+02	5.150e+02	0.78	y	y	0.888
55	3	PCB-66	34:03	1.882e+02	2.715e+02	0.69	y	y	0.897
56	3	PCB-55	NotFnd	*	*	*	n	n	*
57	4	PCB-56	34:46	8.529e+01	1.112e+02	0.77	y	y	0.916
58	4	PCB-60	34:59	5.886e+01	7.383e+01	0.80	y	y	0.922
59	4	PCB-80	NotFnd	*	*	*	n	n	*
60	4	PCB-79	NotFnd	*	*	*	n	n	*
61	4	PCB-78	NotFnd	*	*	*	n	n	*
62	4	PCB-81	NotFnd	*	*	*	n	n	*
63	4	PCB-77	NotFnd	*	*	*	n	y	*
64	3	PCB-104	NotFnd	*	*	*	n	n	*
65	3	PCB-96	NotFnd	*	*	*	n	n	*
66	3	PCB-103	NotFnd	*	*	*	n	n	*
67	3	PCB-94	NotFnd	*	*	*	n	n	*
68	3	PCB-95	32:49	7.188e+02	4.548e+02	1.58	y	n	1.103
69	3	PCB-93/100	NotFnd	*	*	*	n	n	*
70	3	PCB-98/102	NotFnd	*	*	*	n	n	*
71	3	PCB-88/91	33:43	7.990e+01	4.951e+01	1.61	y	n	1.133
72	3	PCB-84	33:57	1.924e+02	1.294e+02	1.49	y	n	1.141
73	3	PCB-89	NotFnd	*	*	*	n	n	*
74	4	PCB-121	NotFnd	*	*	*	n	n	*
75	4	PCB-92	35:14	1.430e+02	7.285e+01	1.96	n	n	0.869
76	4	PCB-90/101/113	35:49	8.148e+02	5.144e+02	1.58	y	n	0.884
77	4	PCB-83/99	36:26	3.599e+02	2.110e+02	1.71	y	n	0.899
78	4	PCB-112	NotFnd	*	*	*	n	n	*
79	4	PCB-86/87/97/109/119/125	37:03	6.125e+02	3.781e+02	1.62	y	y	0.914
80	4	PCB-117	NotFnd	*	*	*	n	n	*
81	4	PCB-85/116	37:41	1.157e+02	8.572e+01	1.35	y	n	0.930
82	4	PCB-110/115	37:51	1.137e+03	7.522e+02	1.51	y	n	0.934
83	4	PCB-82	38:11	6.754e+01	3.873e+01	1.74	y	n	0.942
84	4	PCB-111	NotFnd	*	*	*	n	n	*
85	4	PCB-120	NotFnd	*	*	*	n	n	*
86	5	PCB-108/124	NotFnd	*	*	*	n	n	*
87	5	PCB-107	NotFnd	*	*	*	n	n	*
88	5	PCB-123	NotFnd	*	*	*	n	n	*
89	5	PCB-106	NotFnd	*	*	*	n	n	*
90	5	PCB-118	40:54	8.529e+02	4.866e+02	1.75	y	n	1.001
91	5	PCB-122	NotFnd	*	*	*	n	n	*
92	5	PCB-114	NotFnd	*	*	*	n	n	*
93	5	PCB-105	42:06	3.875e+02	2.187e+02	1.77	y	y	1.001
94	5	PCB-127	NotFnd	*	*	*	n	n	*
95	5	PCB-126	NotFnd	*	*	*	n	n	*
96	4	PCB-155	NotFnd	*	*	*	n	n	*
97	4	PCB-152	NotFnd	*	*	*	n	n	*
98	4	PCB-150	NotFnd	*	*	*	n	n	*
99	4	PCB-136	36:21	8.005e+01	6.852e+01	1.17	y	y	1.022
100	4	PCB-145	NotFnd	*	*	*	n	n	*
101	4	PCB-148	NotFnd	*	*	*	n	n	*
102	4	PCB-135/151	38:47	1.175e+02	9.950e+01	1.18	y	n	1.090
103	4	PCB-154	NotFnd	*	*	*	n	n	*
104	4	PCB-144	39:22	2.370e+01	2.389e+01	0.99	n	y	1.107
105	5	PCB-147/149	39:43	3.419e+02	2.599e+02	1.32	y	n	1.117
106	5	PCB-134	NotFnd	*	*	*	n	n	*
107	5	PCB-143	NotFnd	*	*	*	n	n	*

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108	5	PCB-139/140	NotFnd	*	*	*	n	n	*
109	5	PCB-131	NotFnd	*	*	*	n	n	*
110	5	PCB-142	NotFnd	*	*	*	n	n	*
111	5	PCB-132	41:01	1.753e+02	1.542e+02	1.14	y	y	1.153
112	5	PCB-133	NotFnd	*	*	*	n	n	*
113	5	PCB-165	NotFnd	*	*	*	n	n	*
114	5	PCB-146	42:10	4.235e+01	3.746e+01	1.13	y	y	0.896
115	5	PCB-161	NotFnd	*	*	*	n	n	*
116	5	PCB-153/168	42:46	4.138e+02	3.311e+02	1.25	y	n	0.909
117	5	PCB-141	42:58	7.237e+01	6.757e+01	1.07	y	n	0.913
118	5	PCB-130	NotFnd	*	*	*	n	n	*
119	5	PCB-137	NotFnd	*	*	*	n	y	*
120	5	PCB-164	43:43	5.887e+01	3.107e+01	1.89	n	y	0.929
121	5	PCB-129/138/163	44:03	6.331e+02	4.859e+02	1.30	y	n	0.936
122	5	PCB-160	NotFnd	*	*	*	n	n	*
123	5	PCB-158	44:26	8.137e+01	6.587e+01	1.24	y	y	0.944
124	5	PCB-128/166	45:20	1.336e+02	9.759e+01	1.37	y	n	0.963
125	6	PCB-159	NotFnd	*	*	*	n	n	*
126	6	PCB-162	NotFnd	*	*	*	n	n	*
127	6	PCB-167	47:06	2.257e+01	2.286e+01	0.99	n	y	1.001
128	6	PCB-156/157	48:15	1.042e+02	6.934e+01	1.50	n	y	1.000
129	6	PCB-169	NotFnd	*	*	*	n	n	*
130	5	PCB-188	NotFnd	*	*	*	n	n	*
131	5	PCB-179	NotFnd	*	*	*	n	y	*
132	5	PCB-184	NotFnd	*	*	*	n	n	*
133	5	PCB-176	NotFnd	*	*	*	n	n	*
134	5	PCB-186	NotFnd	*	*	*	n	n	*
135	5	PCB-178	NotFnd	*	*	*	n	n	*
136	5	PCB-175	NotFnd	*	*	*	n	n	*
137	5	PCB-187	45:26	5.276e+01	4.808e+01	1.10	y	y	1.098
138	5	PCB-182	NotFnd	*	*	*	n	n	*
139	6	PCB-183	NotFnd	*	*	*	n	n	*
140	6	PCB-185	NotFnd	*	*	*	n	n	*
141	6	PCB-174	46:16	3.217e+01	2.281e+01	1.41	n	y	1.118
142	6	PCB-177	NotFnd	*	*	*	n	y	*
143	6	PCB-181	NotFnd	*	*	*	n	n	*
144	6	PCB-171/173	NotFnd	*	*	*	n	n	*
145	6	PCB-172	NotFnd	*	*	*	n	n	*
146	6	PCB-192	NotFnd	*	*	*	n	n	*
147	6	PCB-180/193	49:38	5.656e+01	5.221e+01	1.08	y	y	0.919
148	6	PCB-191	NotFnd	*	*	*	n	n	*
149	6	PCB-170	NotFnd	*	*	*	n	n	*
150	6	PCB-190	NotFnd	*	*	*	n	n	*
151	6	PCB-189	NotFnd	*	*	*	n	n	*
152	6	PCB-202	NotFnd	*	*	*	n	n	*
153	6	PCB-201	NotFnd	*	*	*	n	n	*
154	6	PCB-204	NotFnd	*	*	*	n	n	*
155	6	PCB-197	NotFnd	*	*	*	n	n	*
156	6	PCB-200	NotFnd	*	*	*	n	n	*
157	6	PCB-198/199	51:37	2.183e+01	4.178e+01	0.52	n	y	1.103
158	6	PCB-196	NotFnd	*	*	*	n	n	*
159	6	PCB-203	52:28	2.617e+01	1.830e+01	1.43	n	y	0.927
160	6	PCB-195	NotFnd	*	*	*	n	n	*
161	6	PCB-194	NotFnd	*	*	*	n	n	*
162	6	PCB-205	NotFnd	*	*	*	n	n	*
163	6	PCB-208	NotFnd	*	*	*	n	n	*
164	6	PCB-207	NotFnd	*	*	*	n	n	*

Filename U220375 Acquired: 9-SEP-09 11:31:51

165	7	PCB-206	58:22	5.102e+01	6.199e+01	0.82	y	n	1.000
166	7	PCB-209	59:58	3.269e+01	2.650e+01	1.23	y	y	1.000
167	1	PCB-1L	14:22	3.990e+03	1.287e+03	3.10	y	n	0.742
168	1	PCB-3L	16:53	5.972e+03	1.904e+03	3.14	y	n	0.872
169	1	PCB-4L	17:10	3.524e+03	2.365e+03	1.49	y	n	0.886
170	2	PCB-15L	23:39	7.166e+03	4.656e+03	1.54	y	n	1.221
171	2	PCB-19L	20:38	2.367e+03	2.499e+03	0.95	y	y	1.065
172	3	PCB-37L	31:01	7.142e+03	7.188e+03	0.99	y	n	1.079
173	2	PCB-54L	23:58	3.471e+03	4.441e+03	0.78	y	n	0.834
174	4	PCB-81L	37:57	5.558e+03	7.398e+03	0.75	y	n	1.320
175	4	PCB-77L	38:31	5.822e+03	7.568e+03	0.77	y	n	1.340
176	3	PCB-104L	29:45	4.817e+03	3.266e+03	1.48	y	n	0.831
177	5	PCB-123L	40:32	6.237e+03	4.228e+03	1.48	y	n	1.132
178	5	PCB-118L	40:52	6.737e+03	4.323e+03	1.56	y	n	1.142
179	5	PCB-114L	41:24	6.652e+03	4.334e+03	1.54	y	n	1.156
180	5	PCB-105L	42:04	7.196e+03	4.662e+03	1.54	y	n	1.175
181	5	PCB-126L	45:12	7.861e+03	5.174e+03	1.52	y	n	1.263
182	4	PCB-155L	35:34	3.882e+03	3.202e+03	1.21	y	n	0.808
183	6	PCB-167L	47:04	5.403e+03	4.316e+03	1.25	y	n	1.069
184	6	PCB-156/157L	48:15	1.120e+04	9.007e+03	1.24	y	n	1.096
185	6	PCB-169L	51:30	6.053e+03	4.732e+03	1.28	y	n	1.170
186	5	PCB-188L	41:23	3.963e+03	3.741e+03	1.06	y	n	0.737
187	6	PCB-189L	54:01	5.251e+03	5.180e+03	1.01	y	n	0.963
188	6	PCB-202L	46:49	3.066e+03	3.477e+03	0.88	y	n	0.834
189	6	PCB-205L	56:36	4.944e+03	5.663e+03	0.87	y	n	1.009
190	6	PCB-208L	53:32	4.040e+03	5.148e+03	0.78	y	n	0.954
191	7	PCB-206L	58:21	3.548e+03	4.520e+03	0.78	y	n	1.040
192	7	PCB-209L	59:57	5.733e+03	4.880e+03	1.17	y	n	1.068
193	3	PCB-28L	26:51	9.851e+03	9.922e+03	0.99	y	n	0.934
194	4	PCB-111L	38:32	1.100e+04	7.128e+03	1.54	y	n	1.076
195	5	PCB-178L	44:28	6.325e+03	6.380e+03	0.99	y	n	1.010
196	2	PCB-9L	19:22	1.872e+04	1.200e+04	1.56	y	n	*
197	3	PCB-52L	28:45	1.025e+04	1.343e+04	0.76	y	n	*
198	4	PCB-101L	35:48	1.373e+04	8.724e+03	1.57	y	n	*
199	5	PCB-138L	44:01	1.270e+04	1.038e+04	1.22	y	n	*
200	6	PCB-194L	56:07	6.247e+03	6.903e+03	0.91	y	n	*

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sp166resp
02/2009

Columbia Analytical Services,Inc. CLIENT ID.
Signal/Noise Height Ratio Summary METHOD BLANK

Run #8 Filename U220375#1 Samp: 1 Inj: 1 Acquired: 9-SEP-09 11:31:51

Processed: 10-SEP-09 08:00:20 LAB. ID: EQ0900337-01

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	*	3.03e+03	*	*	4.78e+03	*
2	PCB-2	*	3.03e+03	*	*	4.78e+03	*
3	PCB-3	*	3.03e+03	*	*	4.78e+03	*
4	PCB-4	*	5.21e+03	*	*	7.28e+04	*
5	PCB-10	*	5.21e+03	*	*	7.28e+04	*
6	PCB-9	*	2.74e+03	*	*	3.95e+04	*
7	PCB-7	*	2.74e+03	*	*	3.95e+04	*
8	PCB-6	*	2.74e+03	*	*	3.95e+04	*
9	PCB-5	*	2.74e+03	*	*	3.95e+04	*
10	PCB-8	*	2.74e+03	*	*	3.95e+04	*
11	PCB-14	*	2.74e+03	*	*	3.95e+04	*
12	PCB-11	6.00e+05	2.74e+03	2.2e+02	3.77e+05	3.95e+04	9.5e+00
13	PCB-12/13	*	2.74e+03	*	*	3.95e+04	*
14	PCB-15	*	2.74e+03	*	*	3.95e+04	*
15	PCB-19	*	6.30e+03	*	*	2.93e+03	*
16	PCB-18/30	6.41e+04	6.30e+03	1.0e+01	6.16e+04	2.93e+03	2.1e+01
17	PCB-17	2.62e+04	6.30e+03	4.2e+00	2.53e+04	2.93e+03	8.6e+00
18	PCB-27	*	6.30e+03	*	*	2.93e+03	*
19	PCB-24	*	6.30e+03	*	*	2.93e+03	*
20	PCB-16	1.95e+04	6.30e+03	3.1e+00	1.94e+04	2.93e+03	6.6e+00
21	PCB-32	2.58e+04	6.30e+03	4.1e+00	2.71e+04	2.93e+03	9.3e+00
22	PCB-34	*	7.35e+03	*	*	4.60e+03	*
23	PCB-23	*	7.35e+03	*	*	4.60e+03	*
24	PCB-26/29	1.92e+04	7.35e+03	2.6e+00	1.65e+04	4.60e+03	3.6e+00
25	PCB-25	*	7.35e+03	*	*	4.60e+03	*
26	PCB-31	9.97e+04	7.35e+03	1.4e+01	1.08e+05	4.60e+03	2.3e+01
27	PCB-20/28	1.12e+05	7.35e+03	1.5e+01	1.23e+05	4.60e+03	2.7e+01
28	PCB-21/33	6.29e+04	7.35e+03	8.6e+00	6.42e+04	4.60e+03	1.4e+01
29	PCB-22	3.94e+04	7.35e+03	5.4e+00	3.75e+04	4.60e+03	8.1e+00
30	PCB-36	*	7.35e+03	*	*	4.60e+03	*
31	PCB-39	*	7.35e+03	*	*	4.60e+03	*
32	PCB-38	*	7.35e+03	*	*	4.60e+03	*
33	PCB-35	*	7.35e+03	*	*	4.60e+03	*
34	PCB-37	*	7.35e+03	*	*	4.60e+03	*
35	PCB-54	*	1.26e+03	*	*	1.59e+03	*
36	PCB-50/53	*	3.66e+03	*	*	2.76e+03	*
37	PCB-45/51	*	3.66e+03	*	*	2.76e+03	*
38	PCB-46	*	3.66e+03	*	*	2.76e+03	*
39	PCB-52	1.02e+05	3.66e+03	2.8e+01	1.40e+05	2.76e+03	5.1e+01
40	PCB-43/73	*	3.66e+03	*	*	2.76e+03	*
41	PCB-49/69	3.68e+04	3.66e+03	1.0e+01	4.95e+04	2.76e+03	1.8e+01
42	PCB-48	*	3.66e+03	*	*	2.76e+03	*
43	PCB-44/47/65	5.45e+04	3.66e+03	1.5e+01	6.75e+04	2.76e+03	2.4e+01
44	PCB-59/62/75	*	3.66e+03	*	*	2.76e+03	*
45	PCB-42	*	3.66e+03	*	*	2.76e+03	*
46	PCB-40/41/71	1.51e+04	3.66e+03	4.1e+00	2.53e+04	2.76e+03	9.2e+00
47	PCB-64	2.59e+04	3.66e+03	7.1e+00	3.59e+04	2.76e+03	1.3e+01

Run #8 Filename U220375#1 Samp: 1 Acquired: 9-SEP-09 11:31:51

48	PCB-72	*	3.66e+03	*	*	2.76e+03	*
49	PCB-68	*	3.66e+03	*	*	2.76e+03	*
50	PCB-57	*	3.66e+03	*	*	2.76e+03	*
51	PCB-58	*	3.66e+03	*	*	2.76e+03	*
52	PCB-67	*	3.66e+03	*	*	2.76e+03	*
53	PCB-63	*	3.66e+03	*	*	2.76e+03	*
54	PCB-61/70/74/76	4.74e+04	3.66e+03	1.3e+01	6.41e+04	2.76e+03	2.3e+01
55	PCB-66	3.56e+04	3.66e+03	9.7e+00	5.19e+04	2.76e+03	1.9e+01
56	PCB-55	*	3.66e+03	*	*	2.76e+03	*
57	PCB-56	1.48e+04	1.28e+03	1.2e+01	2.13e+04	1.68e+03	1.3e+01
58	PCB-60	1.16e+04	1.28e+03	9.1e+00	1.29e+04	1.68e+03	7.7e+00
59	PCB-80	*	1.28e+03	*	*	1.68e+03	*
60	PCB-79	*	1.28e+03	*	*	1.68e+03	*
61	PCB-78	*	1.28e+03	*	*	1.68e+03	*
62	PCB-81	*	1.28e+03	*	*	1.68e+03	*
63	PCB-77	*	1.28e+03	*	*	1.68e+03	*
64	PCB-104	*	2.60e+03	*	*	3.02e+03	*
65	PCB-96	*	2.60e+03	*	*	3.02e+03	*
66	PCB-103	*	2.60e+03	*	*	3.02e+03	*
67	PCB-94	*	2.60e+03	*	*	3.02e+03	*
68	PCB-95	1.36e+05	2.60e+03	5.2e+01	8.26e+04	3.02e+03	2.7e+01
69	PCB-93/100	*	2.60e+03	*	*	3.02e+03	*
70	PCB-98/102	*	2.60e+03	*	*	3.02e+03	*
71	PCB-88/91	1.51e+04	2.60e+03	5.8e+00	1.11e+04	3.02e+03	3.7e+00
72	PCB-84	3.87e+04	2.60e+03	1.5e+01	2.58e+04	3.02e+03	8.5e+00
73	PCB-89	*	2.60e+03	*	*	3.02e+03	*
74	PCB-121	*	2.58e+03	*	*	2.39e+03	*
75	PCB-92	2.37e+04	2.58e+03	9.2e+00	1.61e+04	2.39e+03	6.7e+00
76	PCB-90/101/113	1.55e+05	2.58e+03	6.0e+01	1.01e+05	2.39e+03	4.2e+01
77	PCB-83/99	5.97e+04	2.58e+03	2.3e+01	3.90e+04	2.39e+03	1.6e+01
78	PCB-112	*	2.58e+03	*	*	2.39e+03	*
79	CB-86/87/97/109/119/125	6.88e+04	2.58e+03	2.7e+01	4.17e+04	2.39e+03	1.7e+01
80	PCB-117	*	2.58e+03	*	*	2.39e+03	*
81	PCB-85/116	2.52e+04	2.58e+03	9.8e+00	1.82e+04	2.39e+03	7.6e+00
82	PCB-110/115	2.03e+05	2.58e+03	7.9e+01	1.30e+05	2.39e+03	5.4e+01
83	PCB-82	1.38e+04	2.58e+03	5.3e+00	7.23e+03	2.39e+03	3.0e+00
84	PCB-111	*	2.58e+03	*	*	2.39e+03	*
85	PCB-120	*	2.58e+03	*	*	2.39e+03	*
86	PCB-108/124	*	2.40e+03	*	*	4.08e+03	*
87	PCB-107	*	2.40e+03	*	*	4.08e+03	*
88	PCB-123	*	2.40e+03	*	*	4.08e+03	*
89	PCB-106	*	2.40e+03	*	*	4.08e+03	*
90	PCB-118	1.65e+05	2.40e+03	6.9e+01	9.40e+04	4.08e+03	2.3e+01
91	PCB-122	*	2.40e+03	*	*	4.08e+03	*
92	PCB-114	*	2.40e+03	*	*	4.08e+03	*
93	PCB-105	6.99e+04	2.40e+03	2.9e+01	4.28e+04	4.08e+03	1.0e+01
94	PCB-127	*	2.40e+03	*	*	4.08e+03	*
95	PCB-126	*	2.40e+03	*	*	4.08e+03	*
96	PCB-155	*	1.37e+03	*	*	1.29e+03	*
97	PCB-152	*	1.37e+03	*	*	1.29e+03	*
98	PCB-150	*	1.37e+03	*	*	1.29e+03	*
99	PCB-136	1.33e+04	1.37e+03	9.7e+00	1.28e+04	1.29e+03	9.9e+00
100	PCB-145	*	1.37e+03	*	*	1.29e+03	*
101	PCB-148	*	1.37e+03	*	*	1.29e+03	*
102	PCB-135/151	1.45e+04	1.37e+03	1.1e+01	1.20e+04	1.29e+03	9.3e+00
103	PCB-154	*	1.37e+03	*	*	1.29e+03	*
104	PCB-144	4.22e+03	1.37e+03	3.1e+00	4.13e+03	1.29e+03	3.2e+00

Run #8 Filename U220375#1 Samp: 1 Acquired: 9-SEP-09 11:31:51

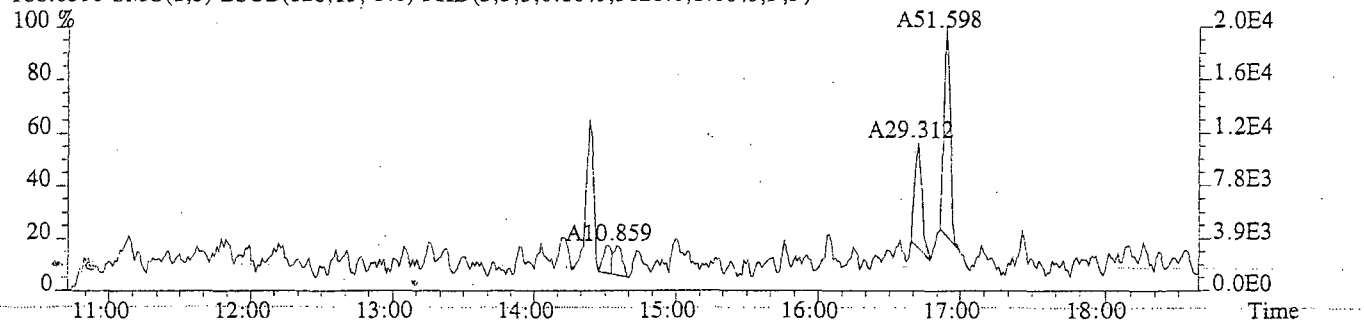
105	PCB-147/149	6.45e+04	2.57e+03	2.5e+01	5.28e+04	1.66e+03	3.2e+01
106	PCB-134	*	2.57e+03	*	*	1.66e+03	*
107	PCB-143	*	2.57e+03	*	*	1.66e+03	*
108	PCB-139/140	*	2.57e+03	*	*	1.66e+03	*
109	PCB-131	*	2.57e+03	*	*	1.66e+03	*
110	PCB-142	*	2.57e+03	*	*	1.66e+03	*
111	PCB-132	3.36e+04	2.57e+03	1.3e+01	2.98e+04	1.66e+03	1.8e+01
112	PCB-133	*	2.57e+03	*	*	1.66e+03	*
113	PCB-165	*	2.57e+03	*	*	1.66e+03	*
114	PCB-146	9.91e+03	2.57e+03	3.9e+00	7.55e+03	1.66e+03	4.5e+00
115	PCB-161	*	2.57e+03	*	*	1.66e+03	*
116	PCB-153/168	7.57e+04	2.57e+03	2.9e+01	5.90e+04	1.66e+03	3.6e+01
117	PCB-141	1.34e+04	2.57e+03	5.2e+00	1.20e+04	1.66e+03	7.2e+00
118	PCB-130	*	2.57e+03	*	*	1.66e+03	*
119	PCB-137	*	2.57e+03	*	*	1.66e+03	*
120	PCB-164	9.90e+03	2.57e+03	3.9e+00	6.51e+03	1.66e+03	3.9e+00
121	PCB-129/138/163	1.09e+05	2.57e+03	4.2e+01	8.77e+04	1.66e+03	5.3e+01
122	PCB-160	*	2.57e+03	*	*	1.66e+03	*
123	PCB-158	1.52e+04	2.57e+03	5.9e+00	1.14e+04	1.66e+03	6.9e+00
124	PCB-128/166	2.57e+04	2.57e+03	1.0e+01	1.84e+04	1.66e+03	1.1e+01
125	PCB-159	*	1.52e+03	*	*	1.53e+03	*
126	PCB-162	*	1.52e+03	*	*	1.53e+03	*
127	PCB-167	5.96e+03	1.52e+03	3.9e+00	5.42e+03	1.53e+03	3.5e+00
128	PCB-156/157	1.82e+04	1.52e+03	1.2e+01	1.15e+04	1.53e+03	7.5e+00
129	PCB-169	*	1.52e+03	*	*	1.53e+03	*
130	PCB-188	*	1.26e+03	*	*	1.11e+03	*
131	PCB-179	*	1.26e+03	*	*	1.11e+03	*
132	PCB-184	*	1.26e+03	*	*	1.11e+03	*
133	PCB-176	*	1.26e+03	*	*	1.11e+03	*
134	PCB-186	*	1.26e+03	*	*	1.11e+03	*
135	PCB-178	*	1.26e+03	*	*	1.11e+03	*
136	PCB-175	*	1.26e+03	*	*	1.11e+03	*
137	PCB-187	9.62e+03	1.26e+03	7.7e+00	8.38e+03	1.11e+03	7.6e+00
138	PCB-182	*	1.26e+03	*	*	1.11e+03	*
139	PCB-183	*	1.48e+03	*	*	1.06e+03	*
140	PCB-185	*	1.48e+03	*	*	1.06e+03	*
141	PCB-174	7.23e+03	1.48e+03	4.9e+00	4.83e+03	1.06e+03	4.6e+00
142	PCB-177	*	1.48e+03	*	*	1.06e+03	*
143	PCB-181	*	1.48e+03	*	*	1.06e+03	*
144	PCB-171/173	*	1.48e+03	*	*	1.06e+03	*
145	PCB-172	*	1.48e+03	*	*	1.06e+03	*
146	PCB-192	*	1.48e+03	*	*	1.06e+03	*
147	PCB-180/193	1.14e+04	1.48e+03	7.7e+00	1.02e+04	1.06e+03	9.7e+00
148	PCB-191	*	1.48e+03	*	*	1.06e+03	*
149	PCB-170	*	1.48e+03	*	*	1.06e+03	*
150	PCB-190	*	1.48e+03	*	*	1.06e+03	*
151	PCB-189	*	1.48e+03	*	*	1.06e+03	*
152	PCB-202	*	1.05e+03	*	*	1.16e+03	*
153	PCB-201	*	1.05e+03	*	*	1.16e+03	*
154	PCB-204	*	1.05e+03	*	*	1.16e+03	*
155	PCB-197	*	1.05e+03	*	*	1.16e+03	*
156	PCB-200	*	1.05e+03	*	*	1.16e+03	*
157	PCB-198/199	5.78e+03	1.05e+03	5.5e+00	9.98e+03	1.16e+03	8.6e+00
158	PCB-196	*	1.05e+03	*	*	1.16e+03	*
159	PCB-203	5.21e+03	1.05e+03	5.0e+00	3.92e+03	1.16e+03	3.4e+00
160	PCB-195	*	1.05e+03	*	*	1.16e+03	*
161	PCB-194	*	1.05e+03	*	*	1.16e+03	*
162	PCB-205	*	1.05e+03	*	*	1.16e+03	*

Run #8 Filename U220375#1 Samp: 1 Acquired: 9-SEP-09 11:31:51

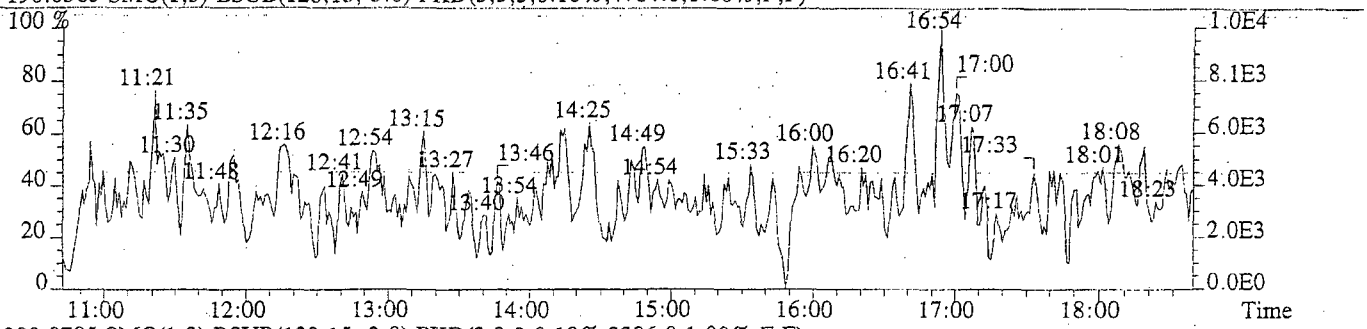
163	PCB-208	*	1.45e+03	*	*	2.00e+03	*
164	PCB-207	*	1.45e+03	*	*	2.00e+03	*
165	PCB-206	1.22e+04	1.32e+03	9.2e+00	1.34e+04	2.42e+03	5.5e+00
166	PCB-209	6.78e+03	9.08e+02	7.5e+00	4.94e+03	6.88e+02	7.2e+00
167	PCB-1L	1.07e+06	3.40e+03	3.1e+02	3.49e+05	1.38e+04	2.5e+01
168	PCB-3L	1.43e+06	3.40e+03	4.2e+02	4.63e+05	1.38e+04	3.4e+01
169	PCB-4L	8.40e+05	4.36e+03	1.9e+02	5.60e+05	5.22e+03	1.1e+02
170	PCB-15L	1.58e+06	2.35e+03	6.7e+02	1.03e+06	4.70e+03	2.2e+02
171	PCB-19L	5.68e+05	6.86e+04	8.3e+00	5.71e+05	2.40e+04	2.4e+01
172	PCB-37L	1.35e+06	5.98e+04	2.3e+01	1.33e+06	2.41e+04	5.5e+01
173	PCB-54L	7.72e+05	3.98e+03	1.9e+02	1.00e+06	3.54e+03	2.8e+02
174	PCB-81L	1.03e+06	4.70e+03	2.2e+02	1.34e+06	2.67e+03	5.0e+02
175	PCB-77L	1.06e+06	4.70e+03	2.3e+02	1.39e+06	2.67e+03	5.2e+02
176	PCB-104L	9.23e+05	2.37e+03	3.9e+02	6.18e+05	2.23e+03	2.8e+02
177	PCB-123L	1.16e+06	2.15e+03	5.4e+02	7.85e+05	1.44e+03	5.5e+02
178	PCB-118L	1.25e+06	2.15e+03	5.8e+02	7.93e+05	1.44e+03	5.5e+02
179	PCB-114L	1.22e+06	2.15e+03	5.7e+02	7.93e+05	1.44e+03	5.5e+02
180	PCB-105L	1.29e+06	2.15e+03	6.0e+02	8.42e+05	1.44e+03	5.8e+02
181	PCB-126L	1.40e+06	2.15e+03	6.5e+02	9.20e+05	1.44e+03	6.4e+02
182	PCB-155L	7.54e+05	1.08e+03	7.0e+02	6.11e+05	2.19e+03	2.8e+02
183	PCB-167L	1.15e+06	1.36e+03	8.5e+02	9.57e+05	2.09e+03	4.6e+02
184	PCB-156/157L	1.82e+06	1.36e+03	1.3e+03	1.43e+06	2.09e+03	6.9e+02
185	PCB-169L	1.32e+06	1.36e+03	9.7e+02	1.03e+06	2.09e+03	4.9e+02
186	PCB-188L	7.14e+05	1.92e+03	3.7e+02	6.67e+05	1.12e+03	6.0e+02
187	PCB-189L	1.14e+06	1.93e+03	5.9e+02	1.14e+06	6.96e+02	1.6e+03
188	PCB-202L	6.79e+05	8.88e+02	7.6e+02	7.73e+05	1.02e+03	7.5e+02
189	PCB-205L	1.07e+06	8.88e+02	1.2e+03	1.21e+06	1.02e+03	1.2e+03
190	PCB-208L	8.65e+05	9.44e+02	9.2e+02	1.11e+06	9.52e+02	1.2e+03
191	PCB-206L	6.91e+05	8.92e+02	7.7e+02	8.85e+05	9.64e+02	9.2e+02
192	PCB-209L	1.11e+06	7.52e+02	1.5e+03	9.61e+05	7.68e+02	1.3e+03
193	PCB-28L	1.93e+06	5.98e+04	3.2e+01	1.87e+06	2.41e+04	7.7e+01
194	PCB-111L	2.07e+06	2.12e+03	9.7e+02	1.36e+06	1.70e+03	8.0e+02
195	PCB-178L	1.16e+06	1.92e+03	6.0e+02	1.19e+06	1.12e+03	1.1e+03
196	PCB-9L	4.45e+06	2.35e+03	1.9e+03	2.86e+06	4.70e+03	6.1e+02
197	PCB-52L	1.99e+06	4.28e+03	4.6e+02	2.62e+06	2.89e+03	9.0e+02
198	PCB-101L	2.61e+06	2.12e+03	1.2e+03	1.65e+06	1.70e+03	9.7e+02
199	PCB-138L	2.35e+06	1.12e+03	2.1e+03	1.91e+06	1.42e+03	1.3e+03
200	PCB-194L	1.35e+06	8.88e+02	1.5e+03	1.50e+06	1.02e+03	1.5e+03

File:U220375 #1-510 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-01 MB

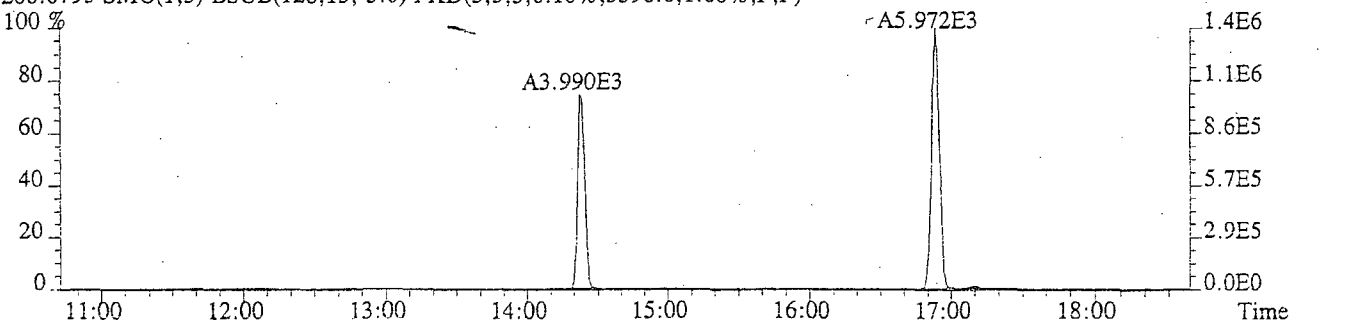
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3028.0,1.00%,F,F)



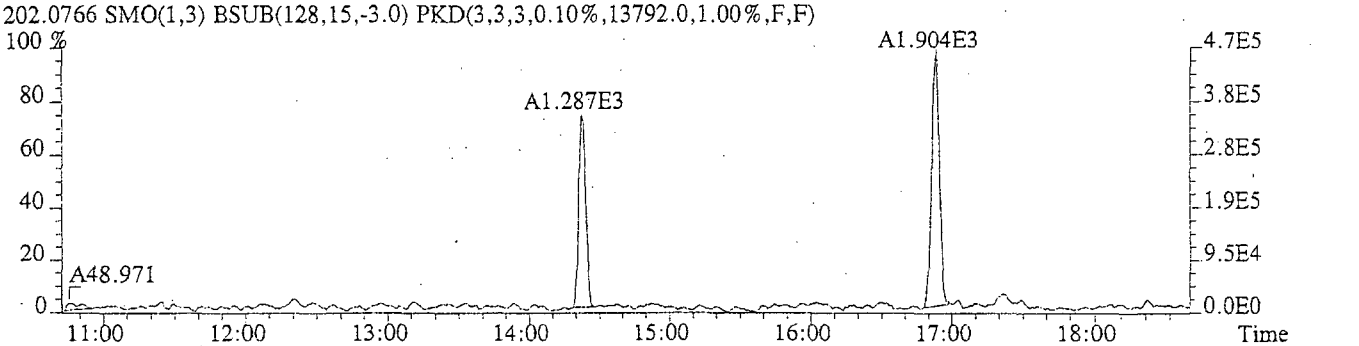
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4784.0,1.00%,F,F)



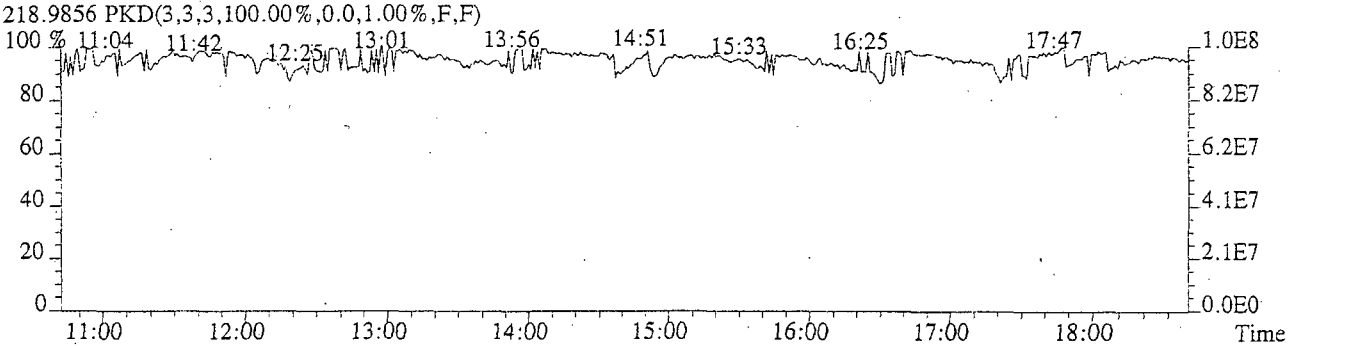
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3396.0,1.00%,F,F)



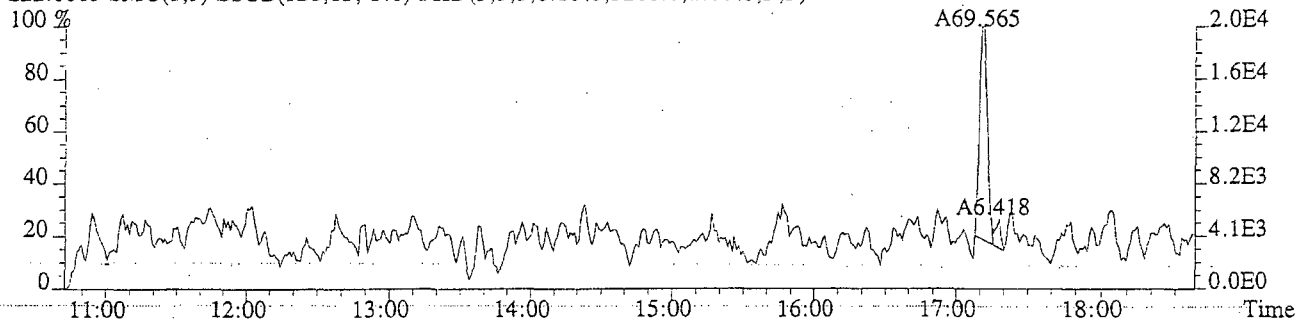
202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13792.0,1.00%,F,F)



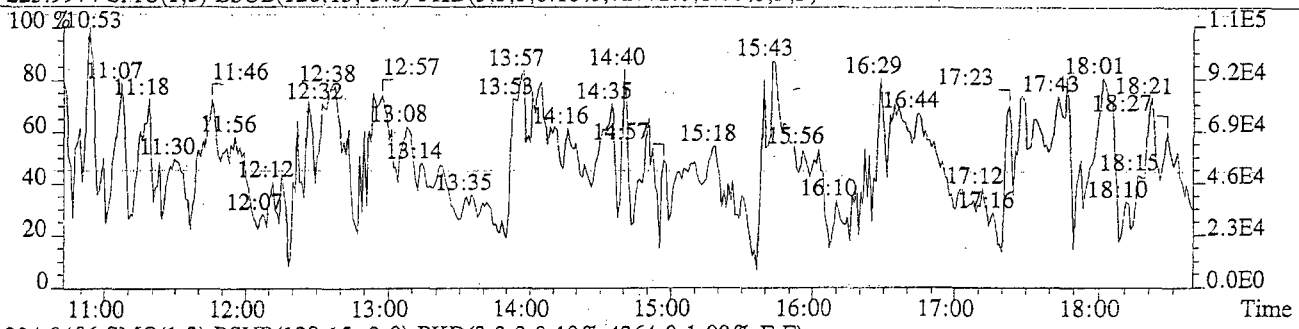
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



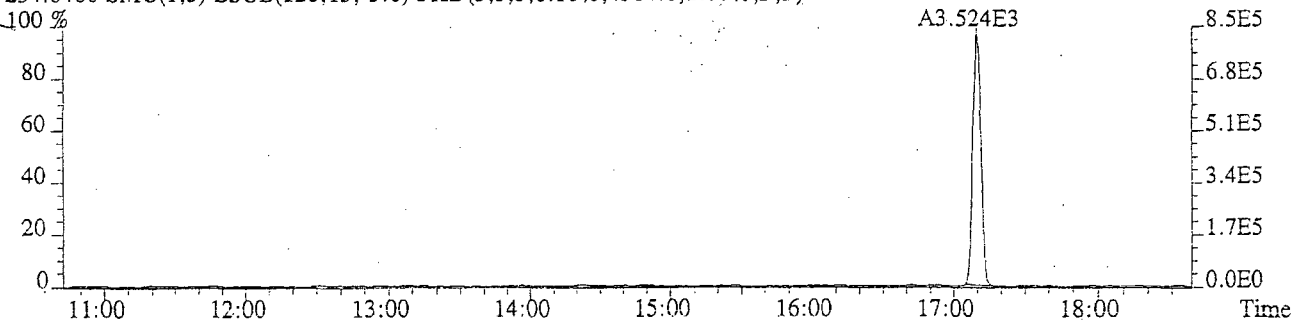
File:U220375 #1-510 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5208.0,1.00%,F,F)



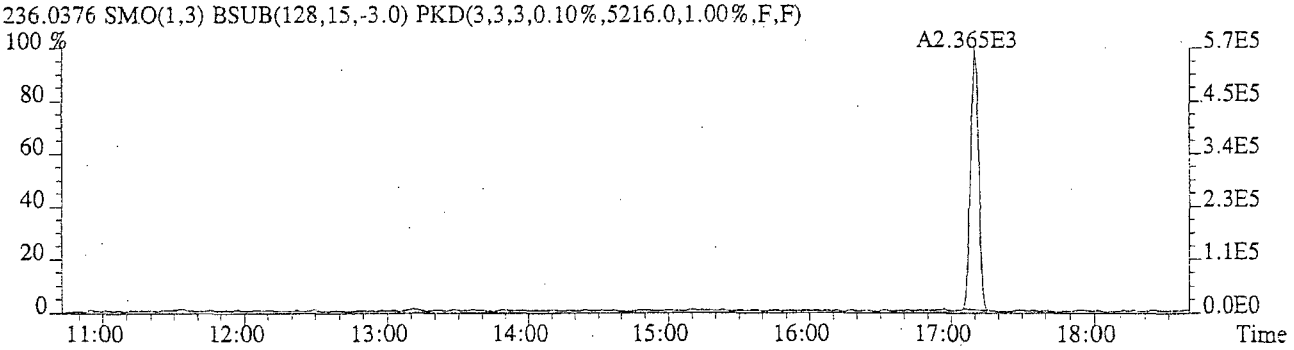
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,72772.0,1.00%,F,F)



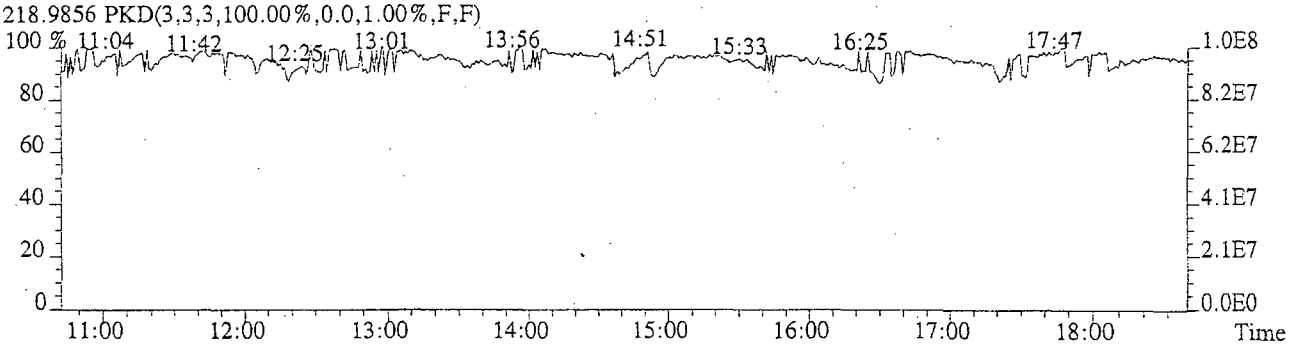
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4364.0,1.00%,F,F)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5216.0,1.00%,F,F)

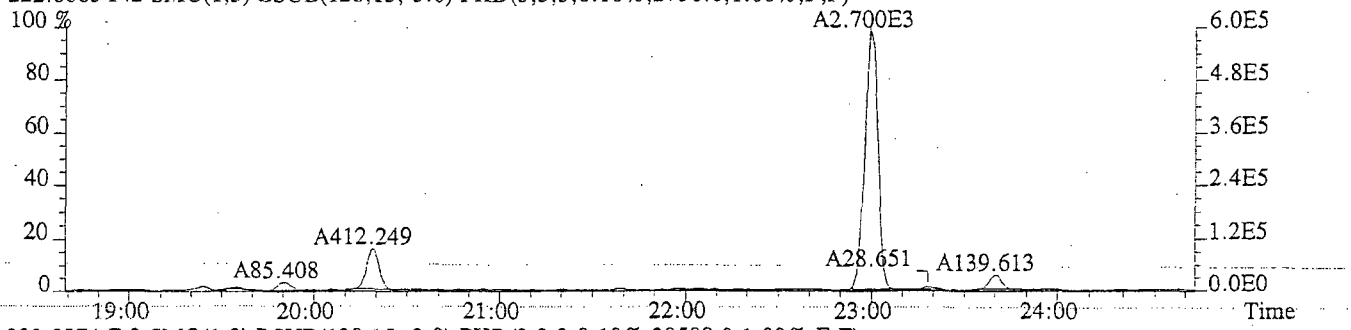


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

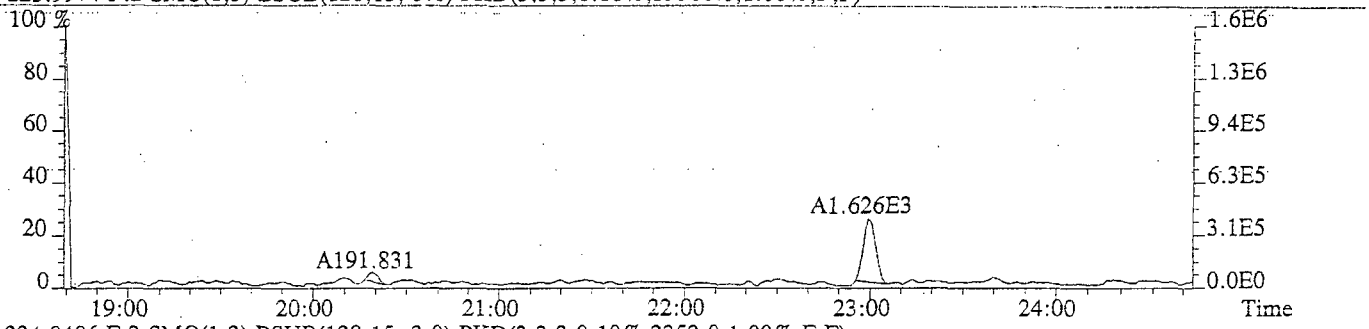


File:U220375 #1-335 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB

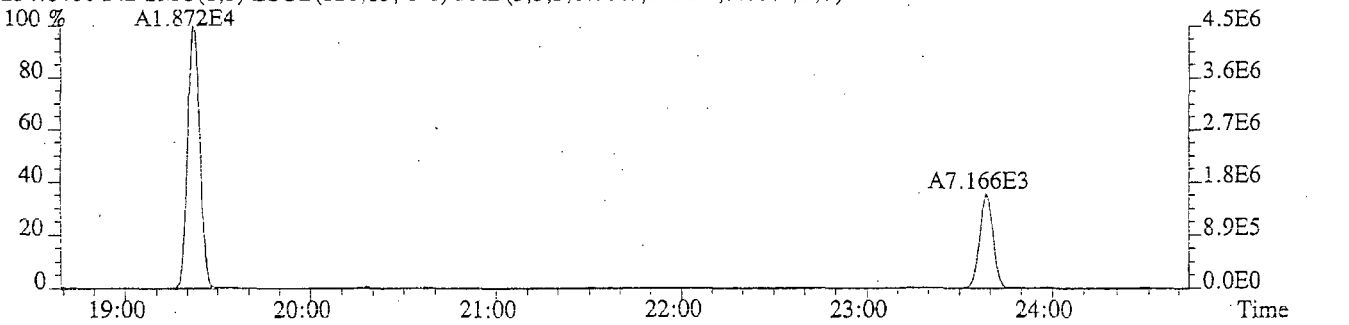
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2736.0,1.00%,F,F)



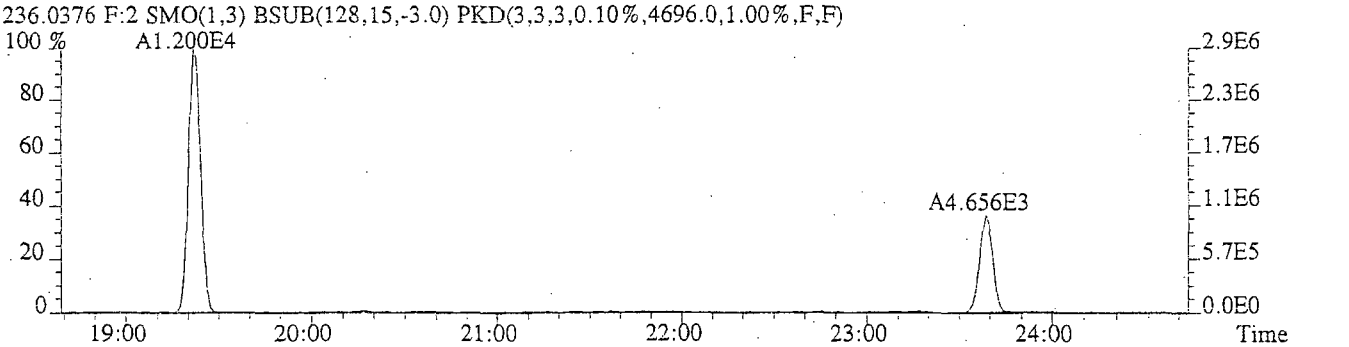
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,39508.0,1.00%,F,F)



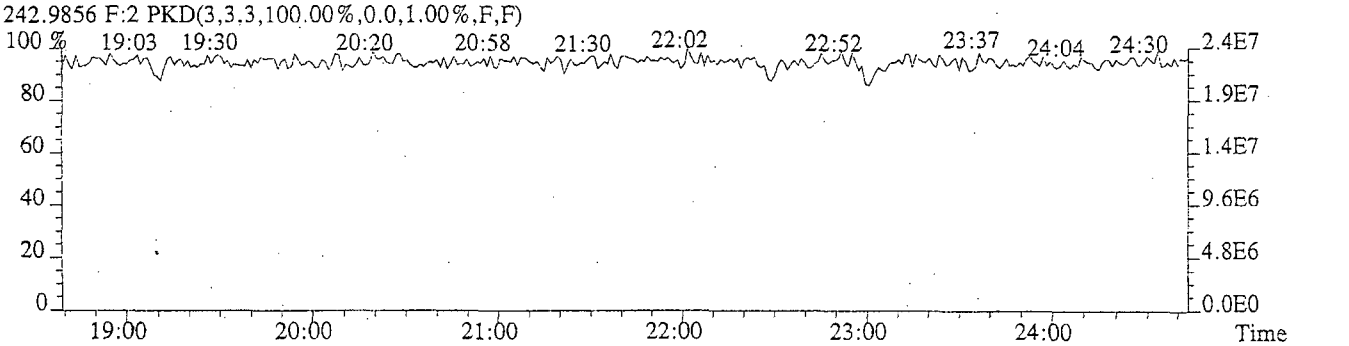
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2352.0,1.00%,F,F)



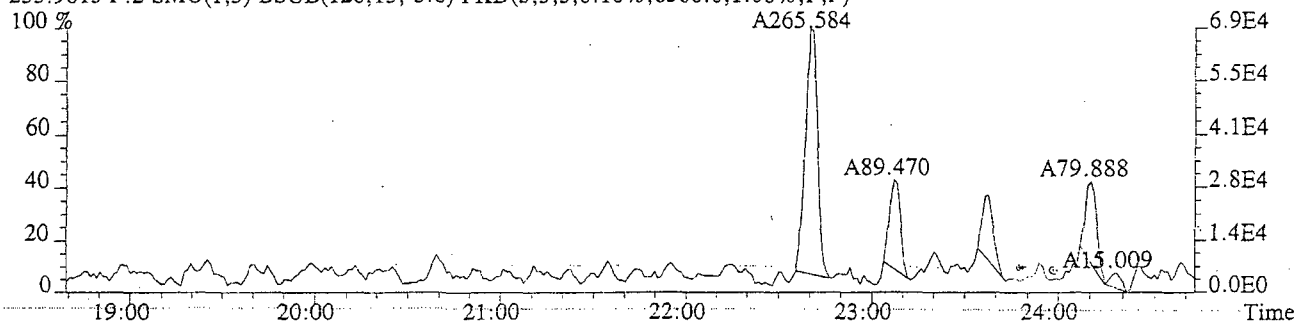
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4696.0,1.00%,F,F)



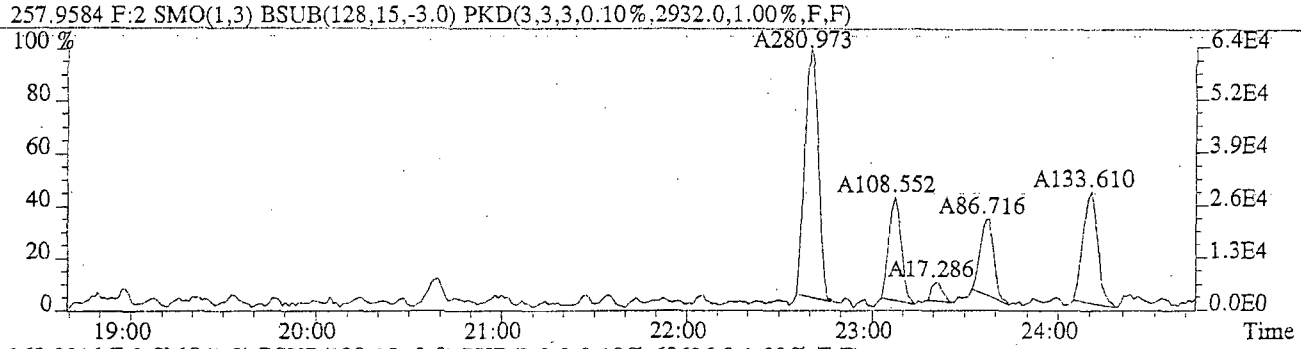
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



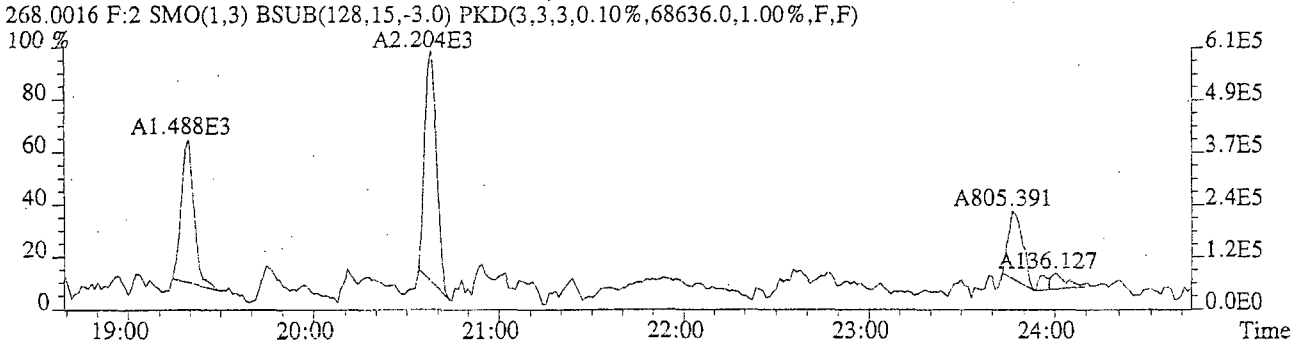
File:U220375 #1-335 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6300.0,1.00%,F,F)



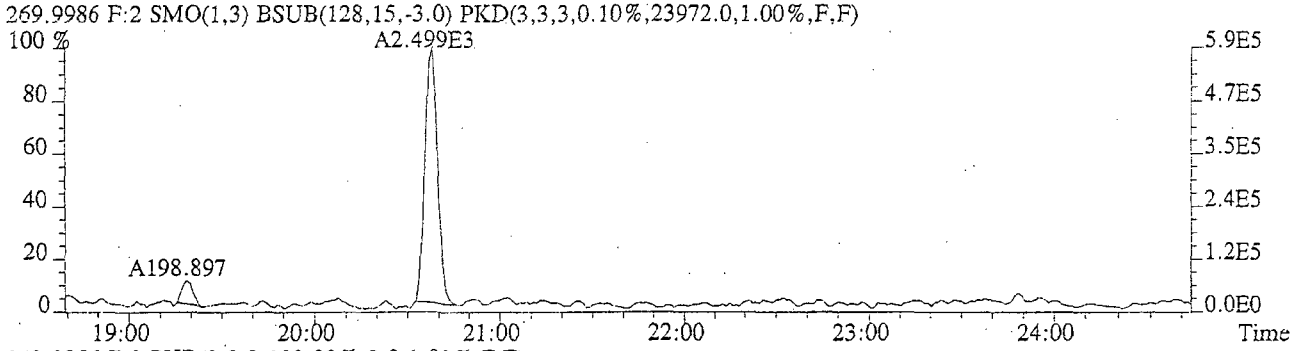
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2932.0,1.00%,F,F)



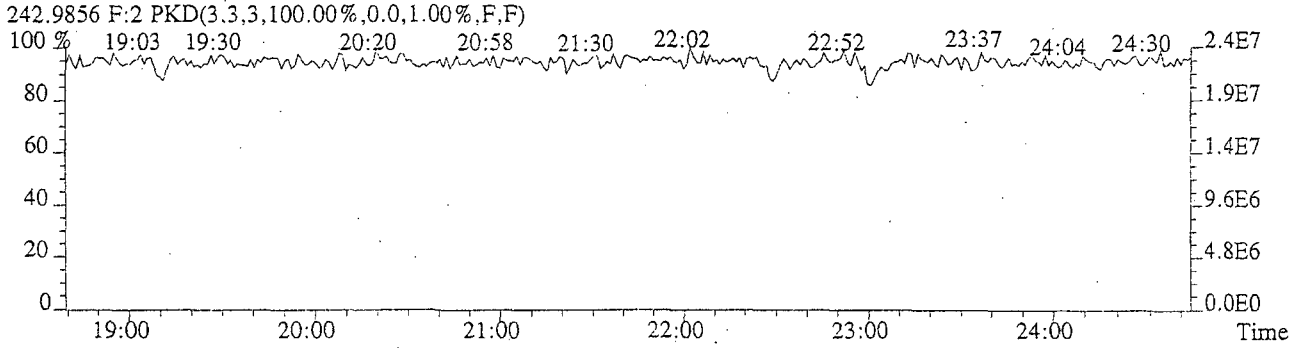
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,68636.0,1.00%,F,F)



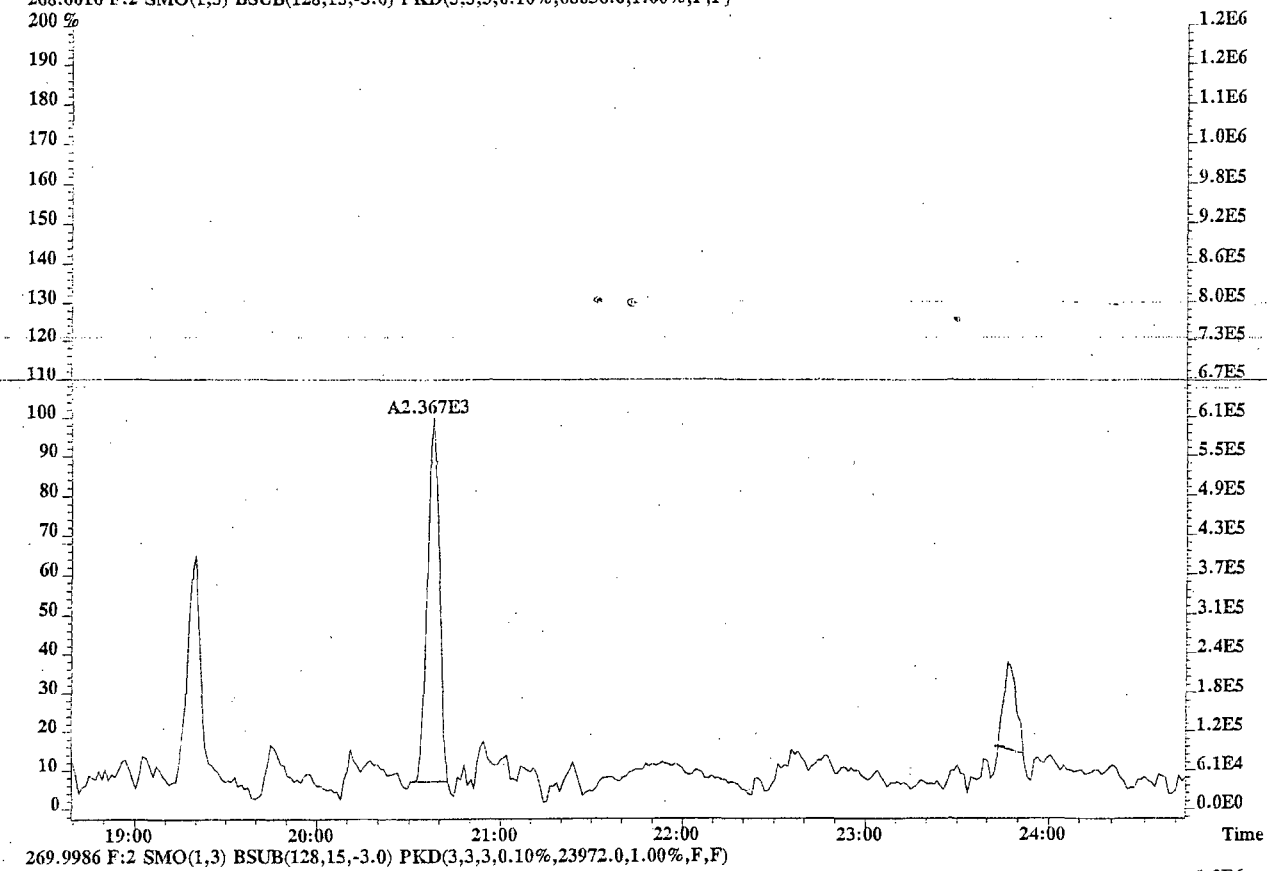
269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,23972.0,1.00%,F,F)



242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

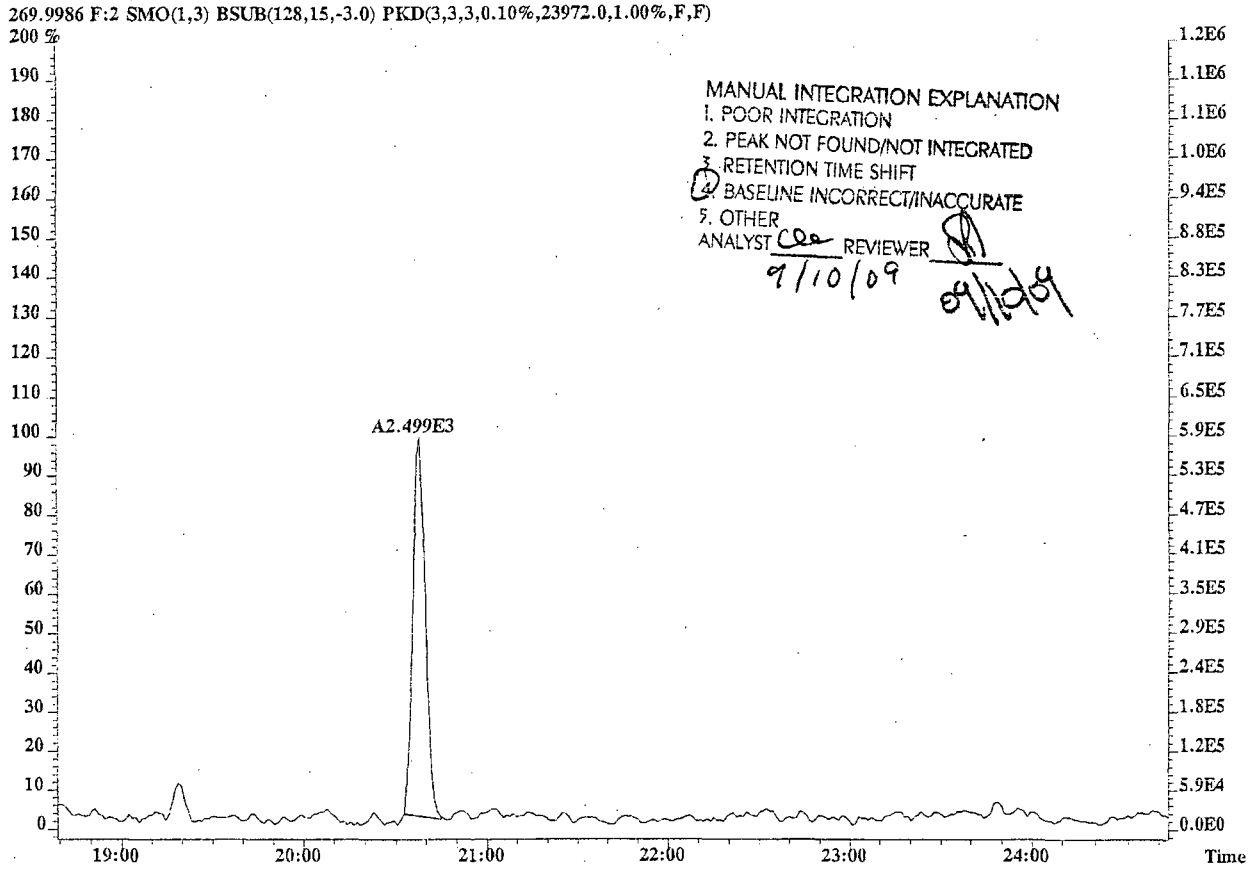


File:U220375 #1-335 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,68636.0,1.00%,F,F)

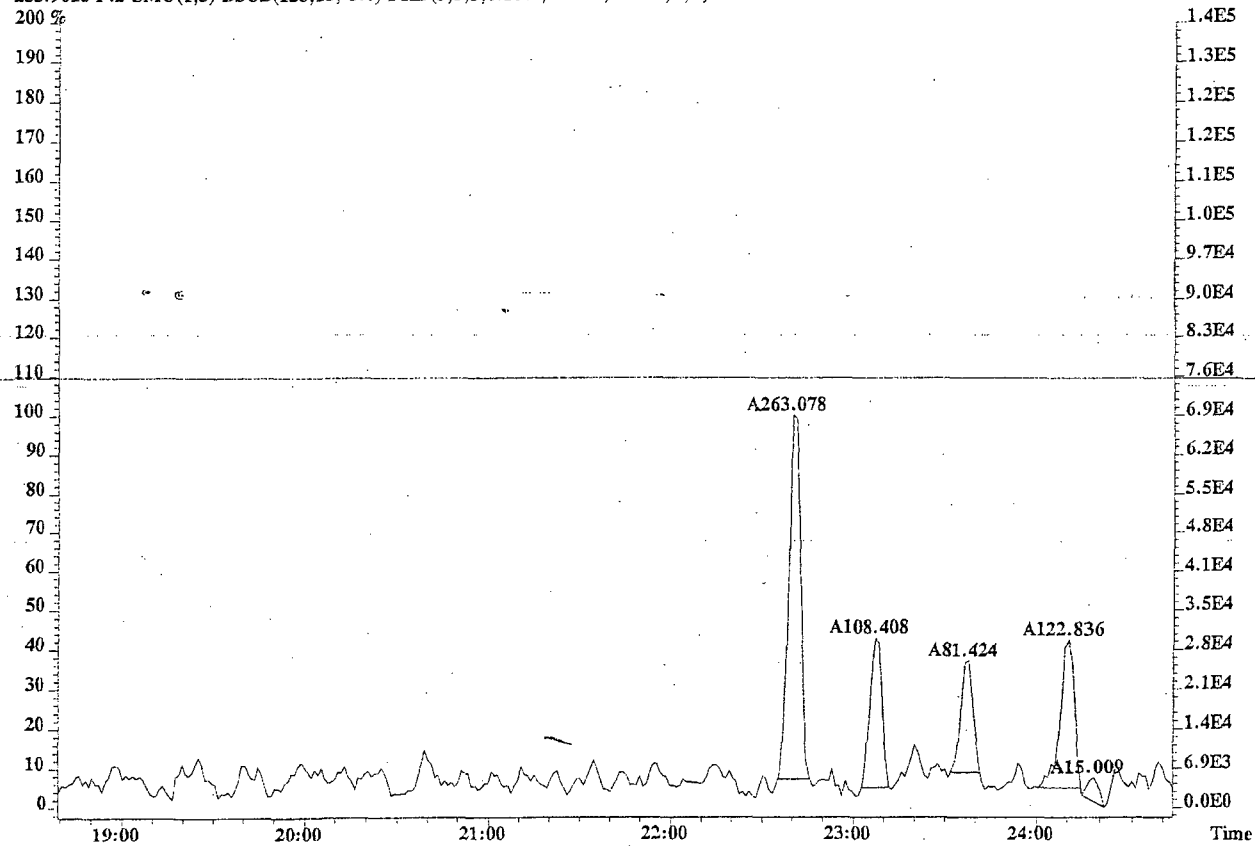


269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,23972.0,1.00%,F,F)

MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST CLa REVIEWER
9/10/09 9/10/09

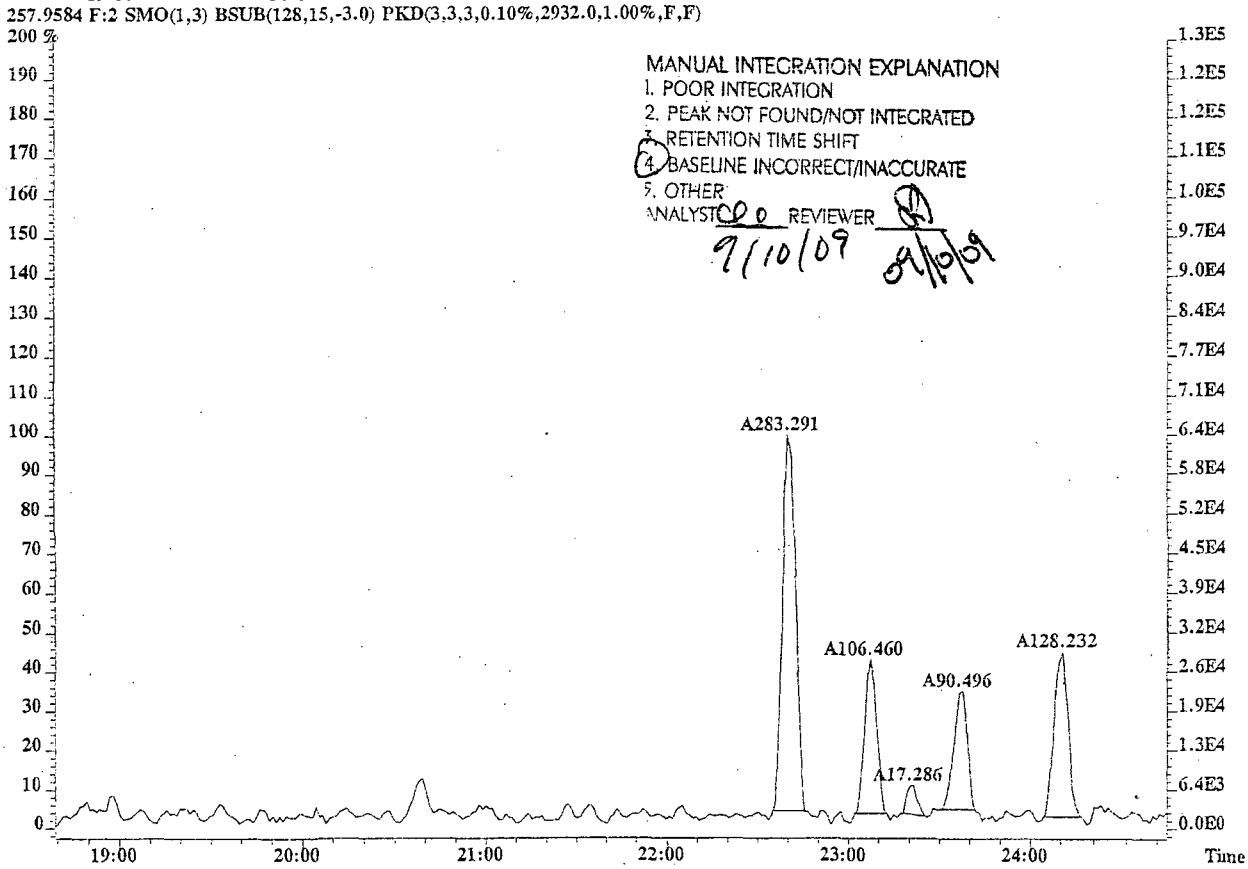


File:U220375 #1-335 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6300.0,1.00%,F,F)

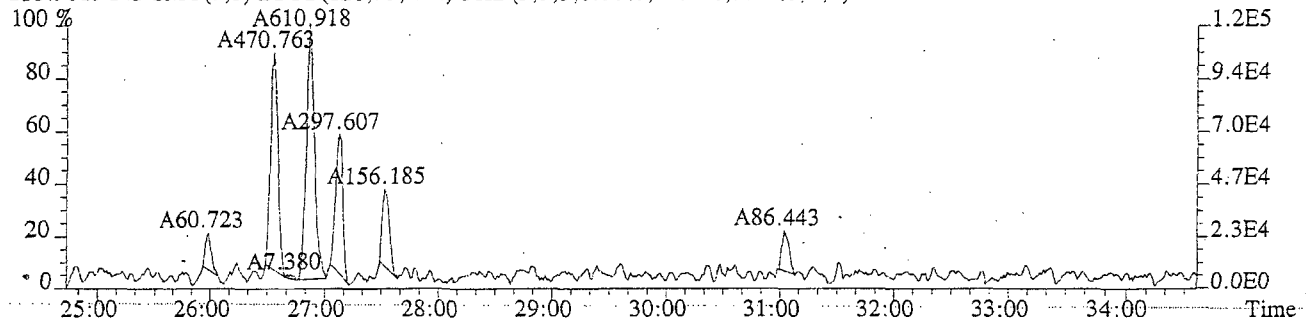


257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2932.0,1.00%,F,F)

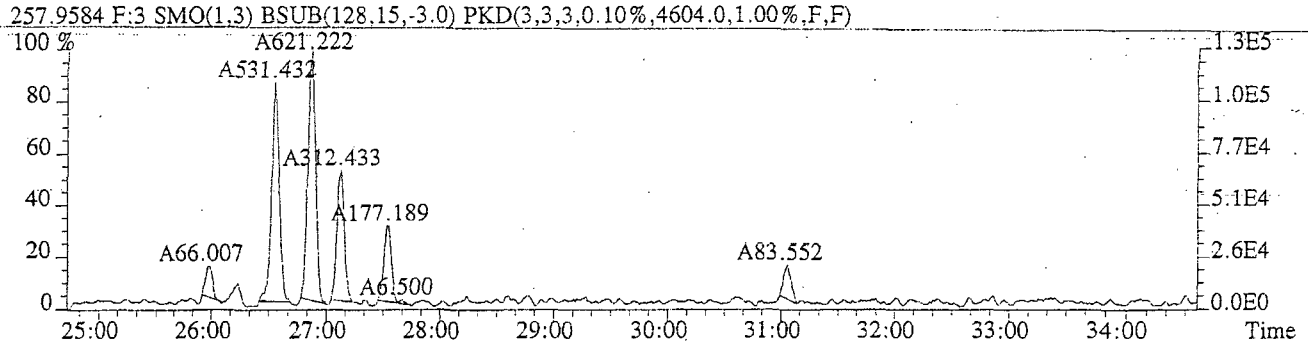
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST QQ REVIEWER
9/10/09 9/16/09



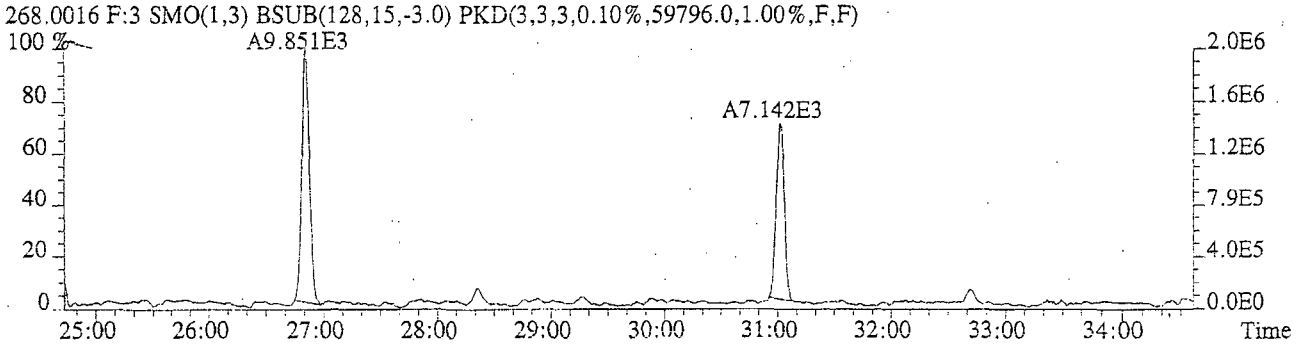
File:U220375 #1-632 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7352.0,1.00%,F,F)



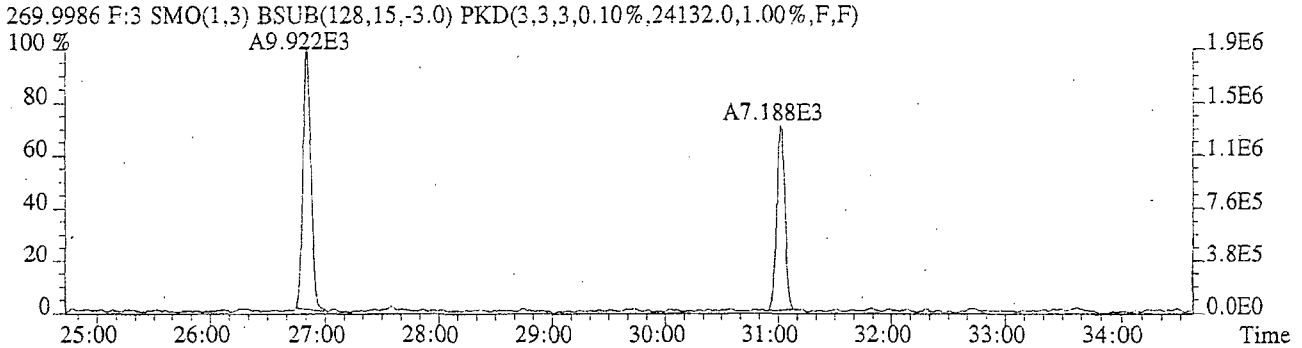
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4604.0,1.00%,F,F)



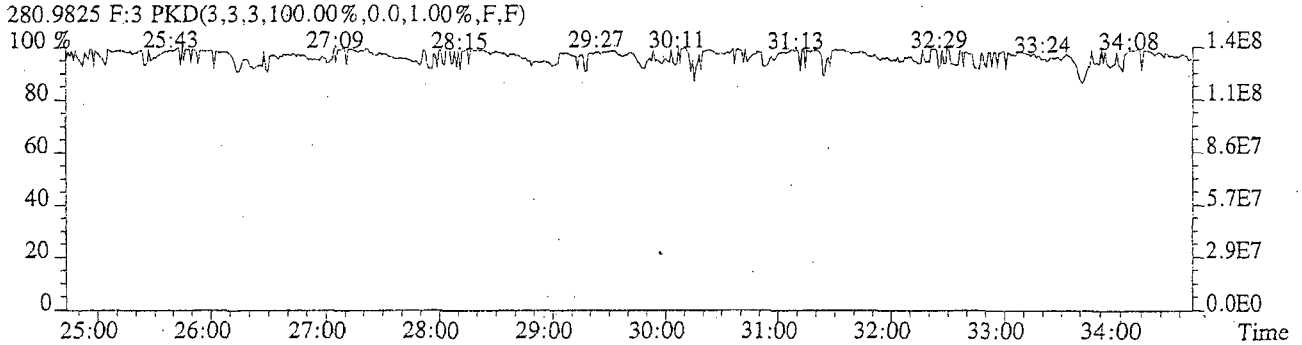
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,59796.0,1.00%,F,F)



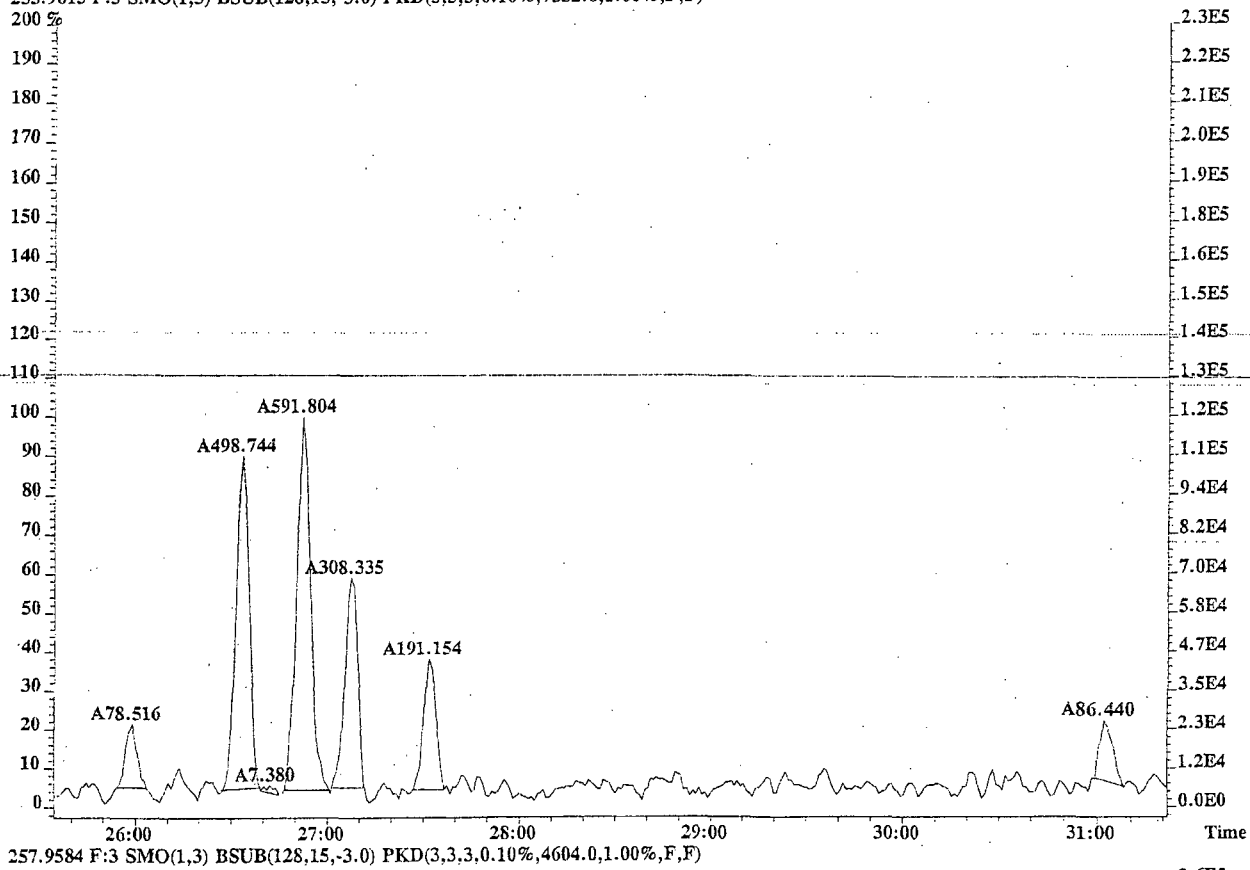
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,24132.0,1.00%,F,F)



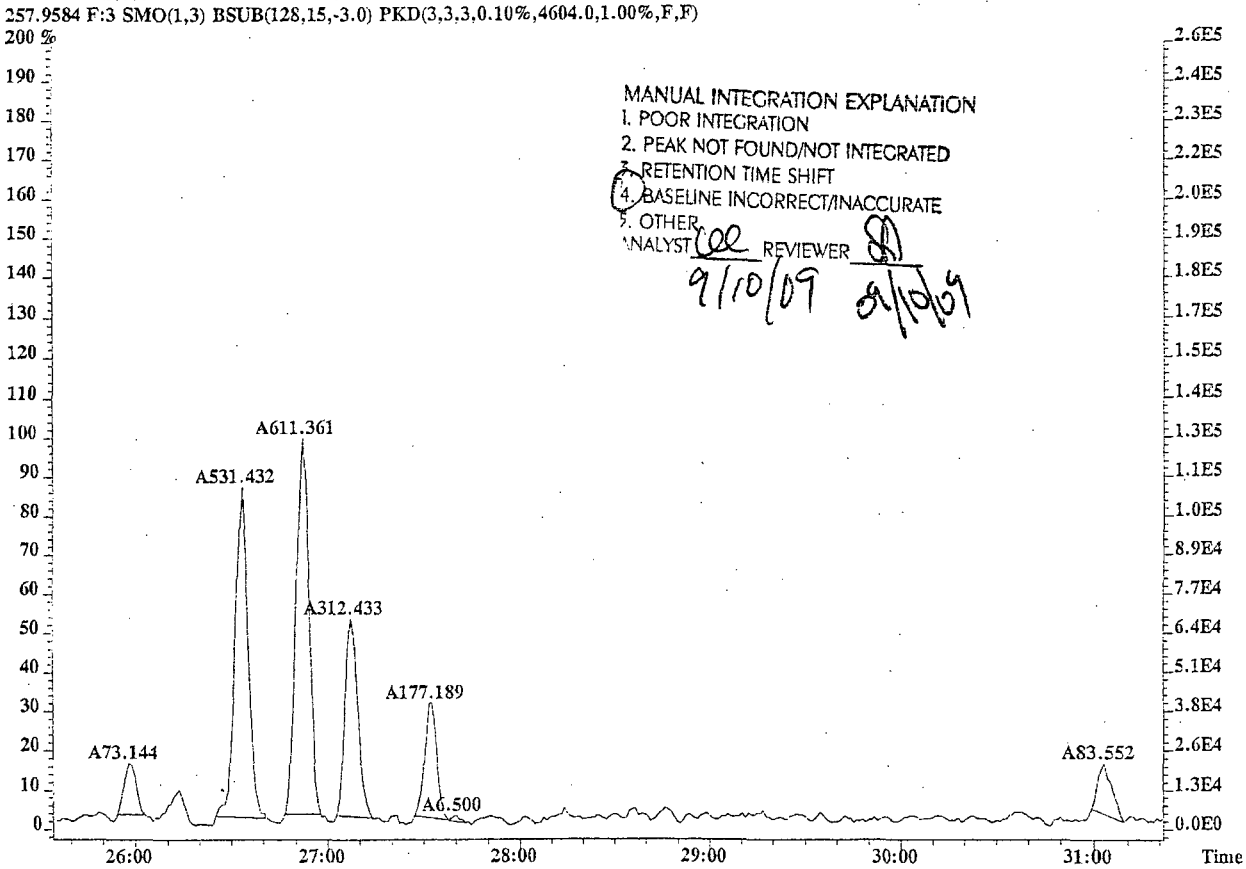
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220375 #1-632 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7352.0,1.00%,F,F)



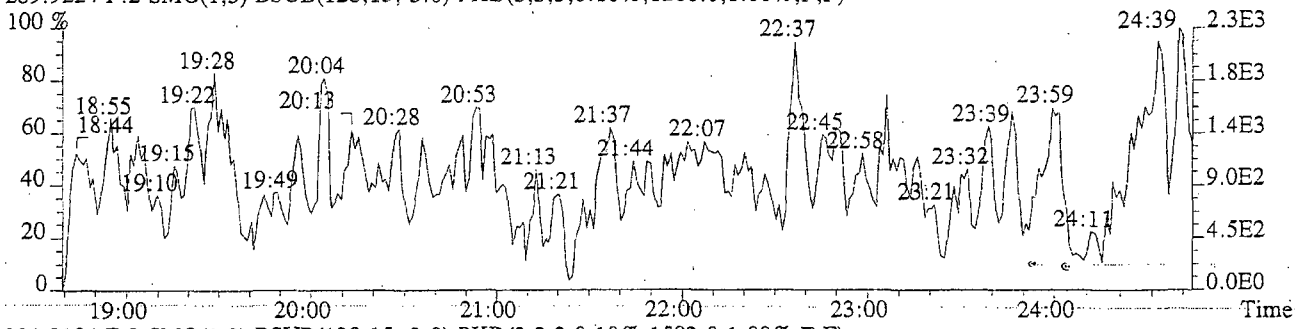
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4604.0,1.00%,F,F)



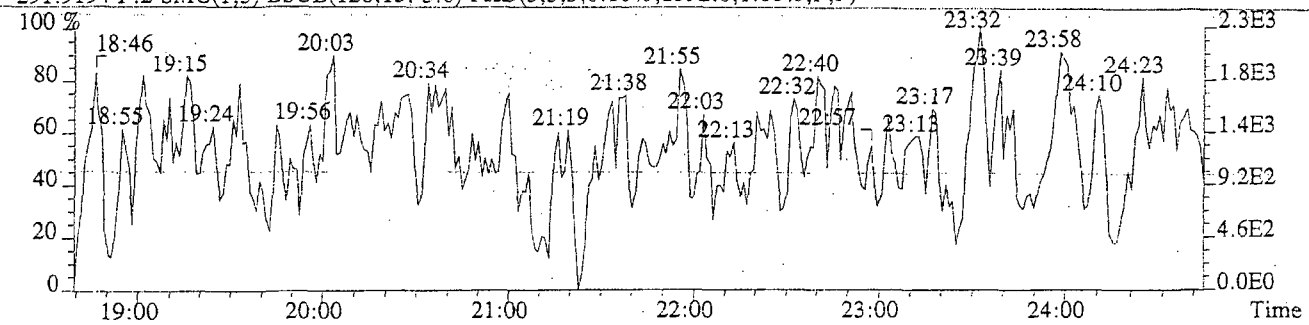
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST CC REVIEWER
9/10/09 9/10/09

File:U220375 #1-335 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-01 MB

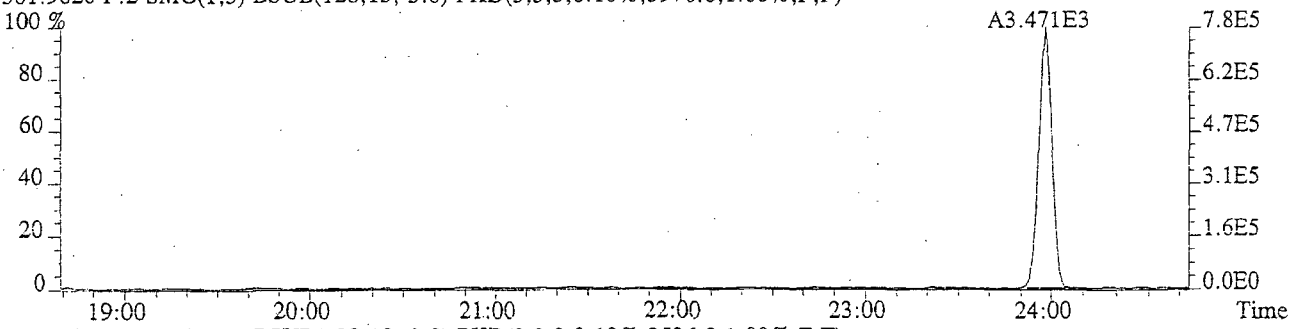
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1260.0,1.00%,F,F)



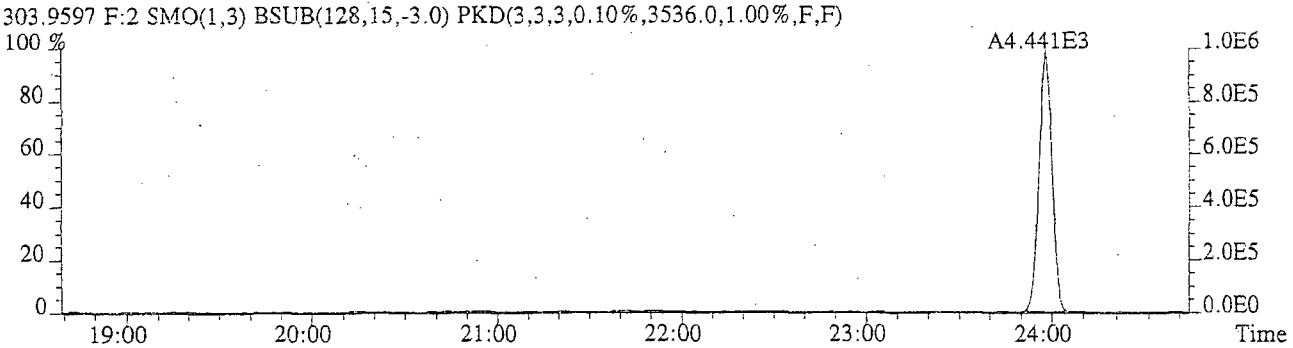
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1592.0,1.00%,F,F)



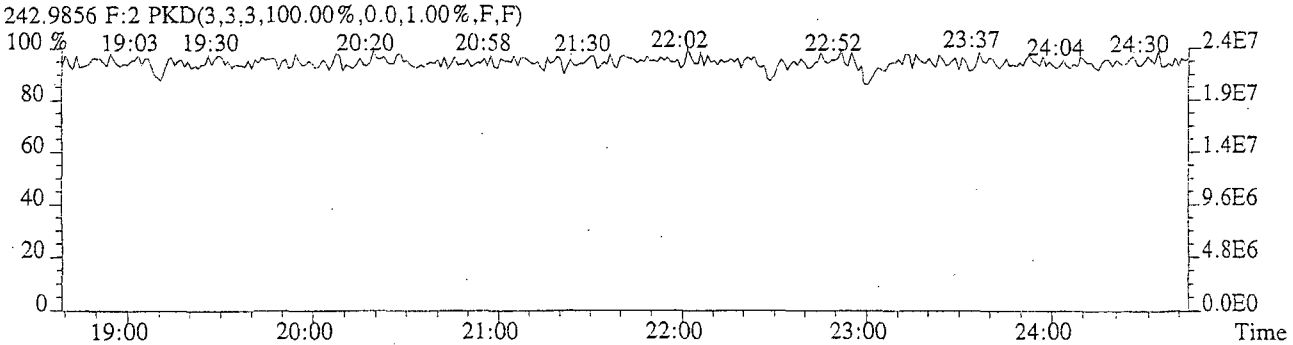
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3976.0,1.00%,F,F)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3536.0,1.00%,F,F)

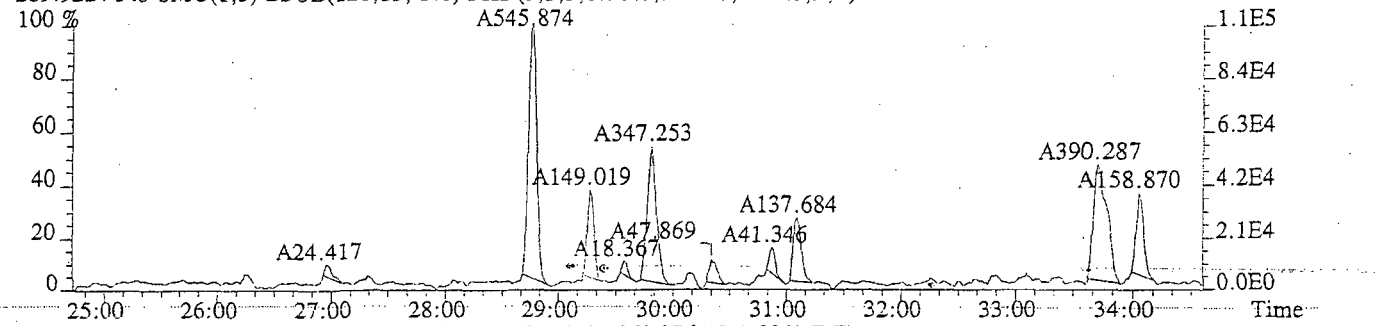


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

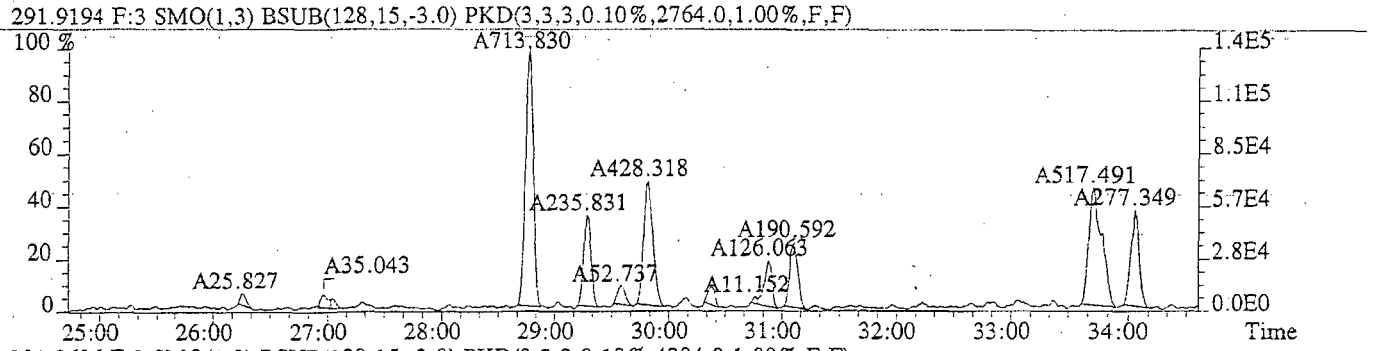


File:U220375 #1-632 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB

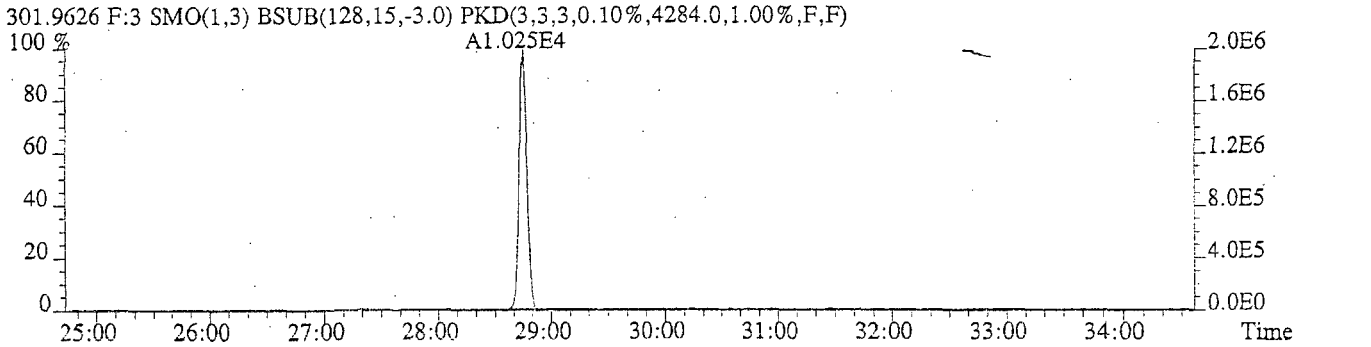
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3656.0,1.00%,F,F)



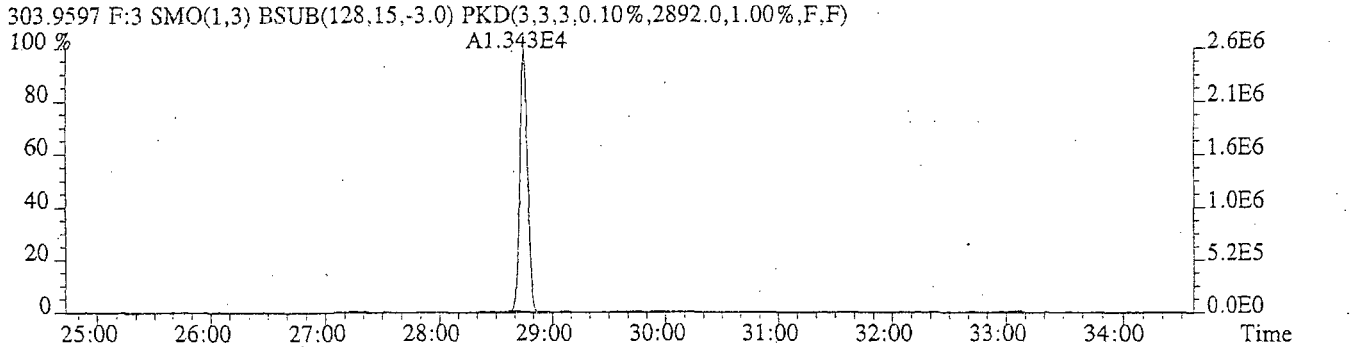
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2764.0,1.00%,F,F)



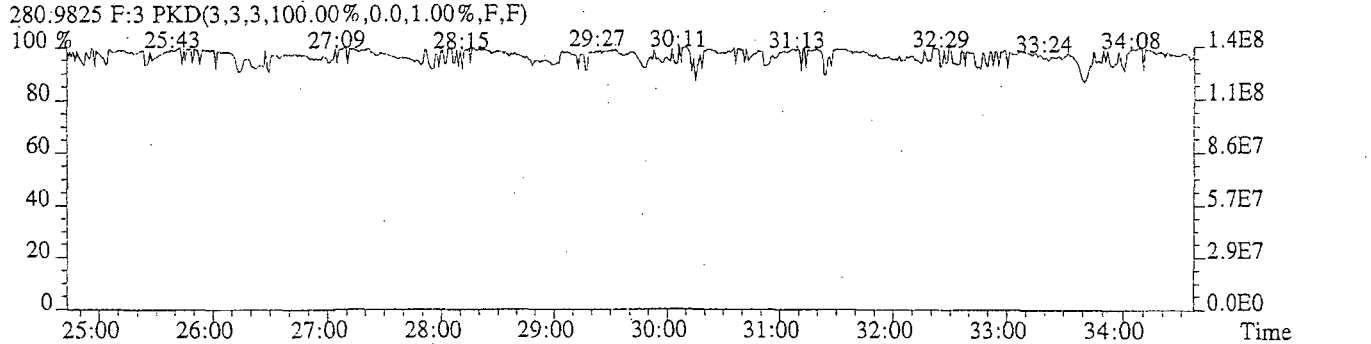
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4284.0,1.00%,F,F)



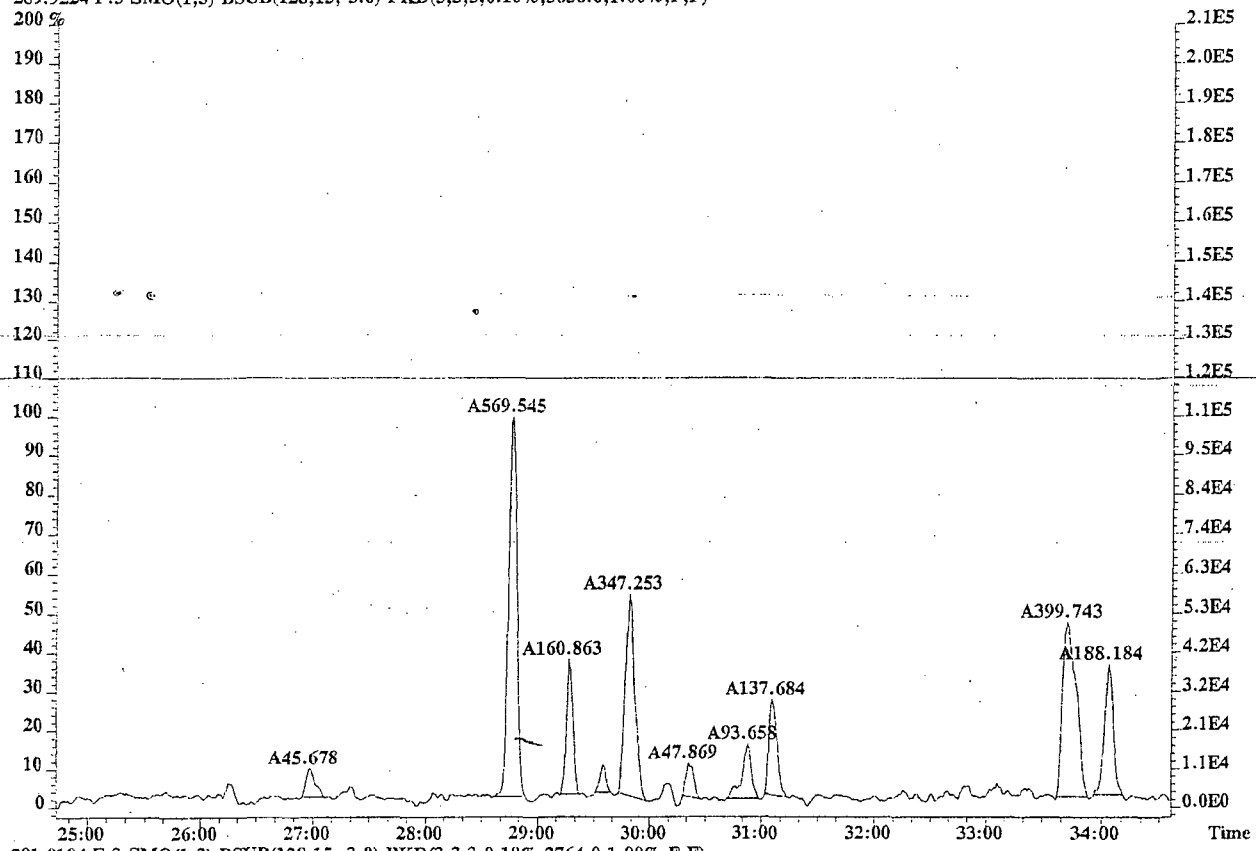
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2892.0,1.00%,F,F)



280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

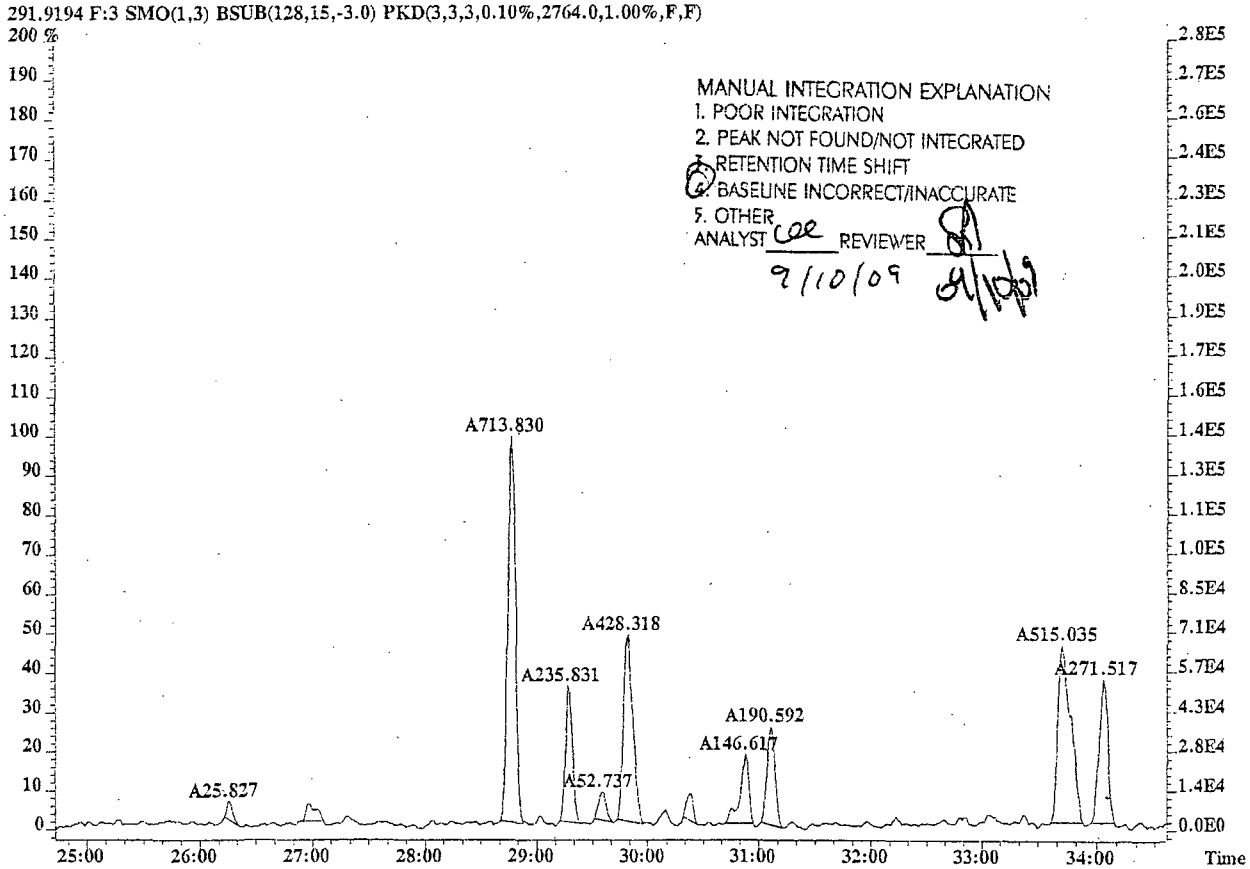


File:U220375 #1-632 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3656.0,1.00%,F,F)



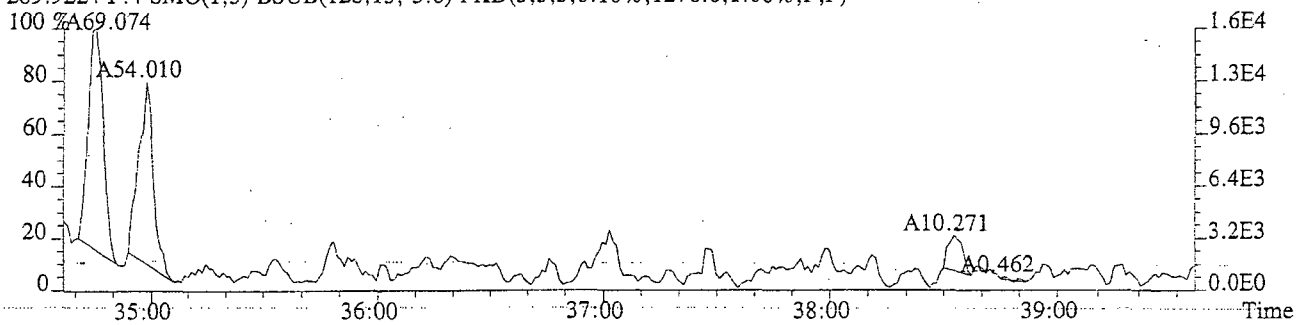
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2764.0,1.00%,F,F)

MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST COE REVIEWER
9/10/09 9/10/09

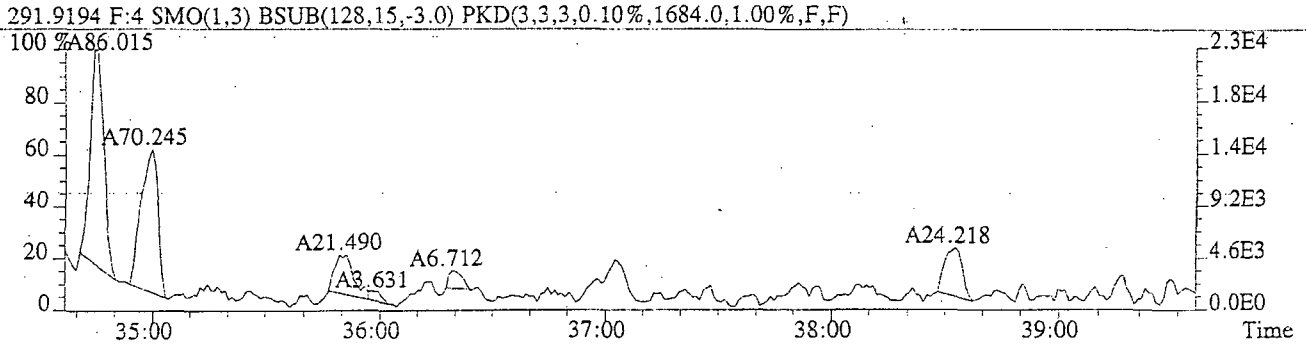


File:U220375 #1-318 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB

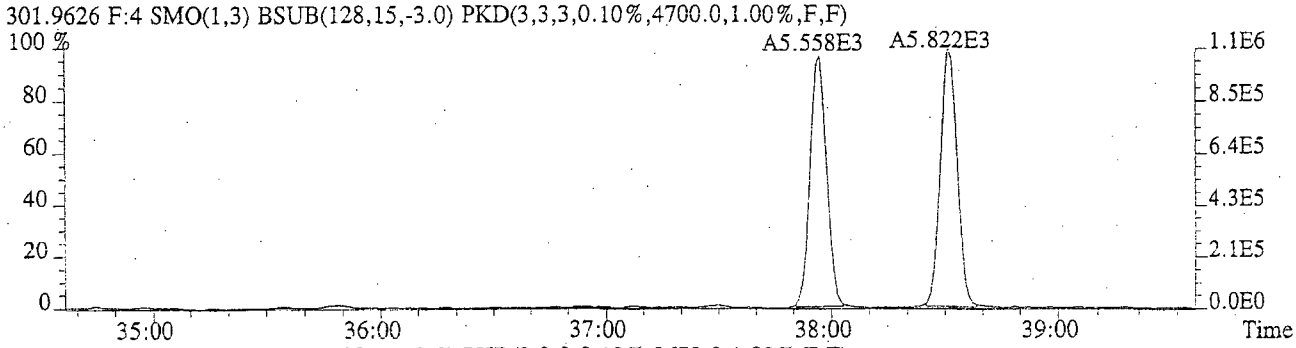
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1276.0,1.00%,F,F)



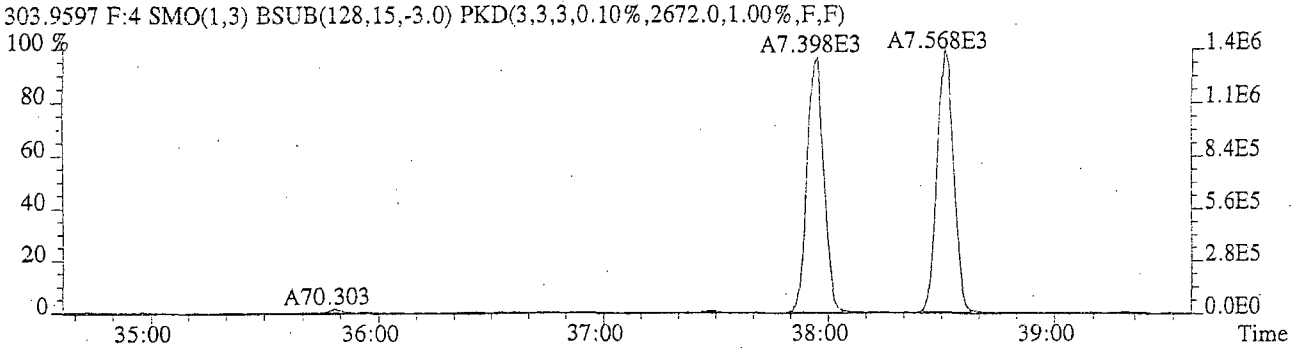
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1684.0,1.00%,F,F)



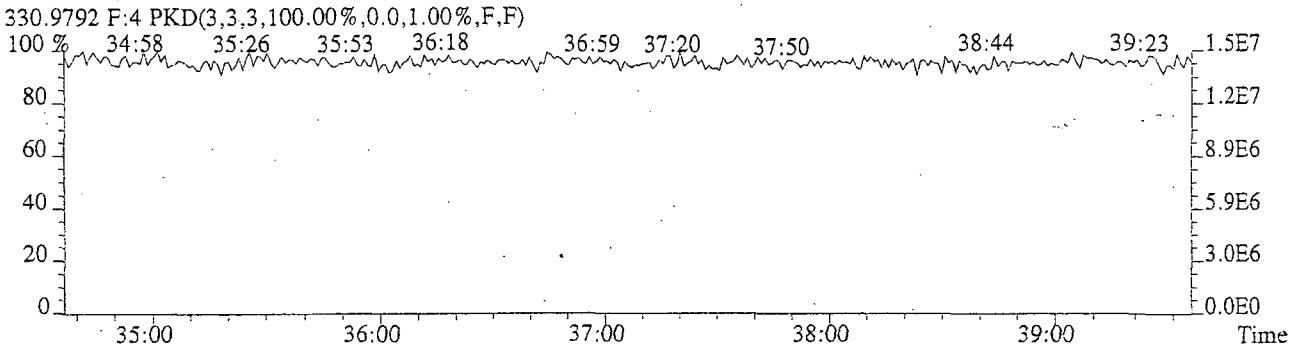
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4700.0,1.00%,F,F)



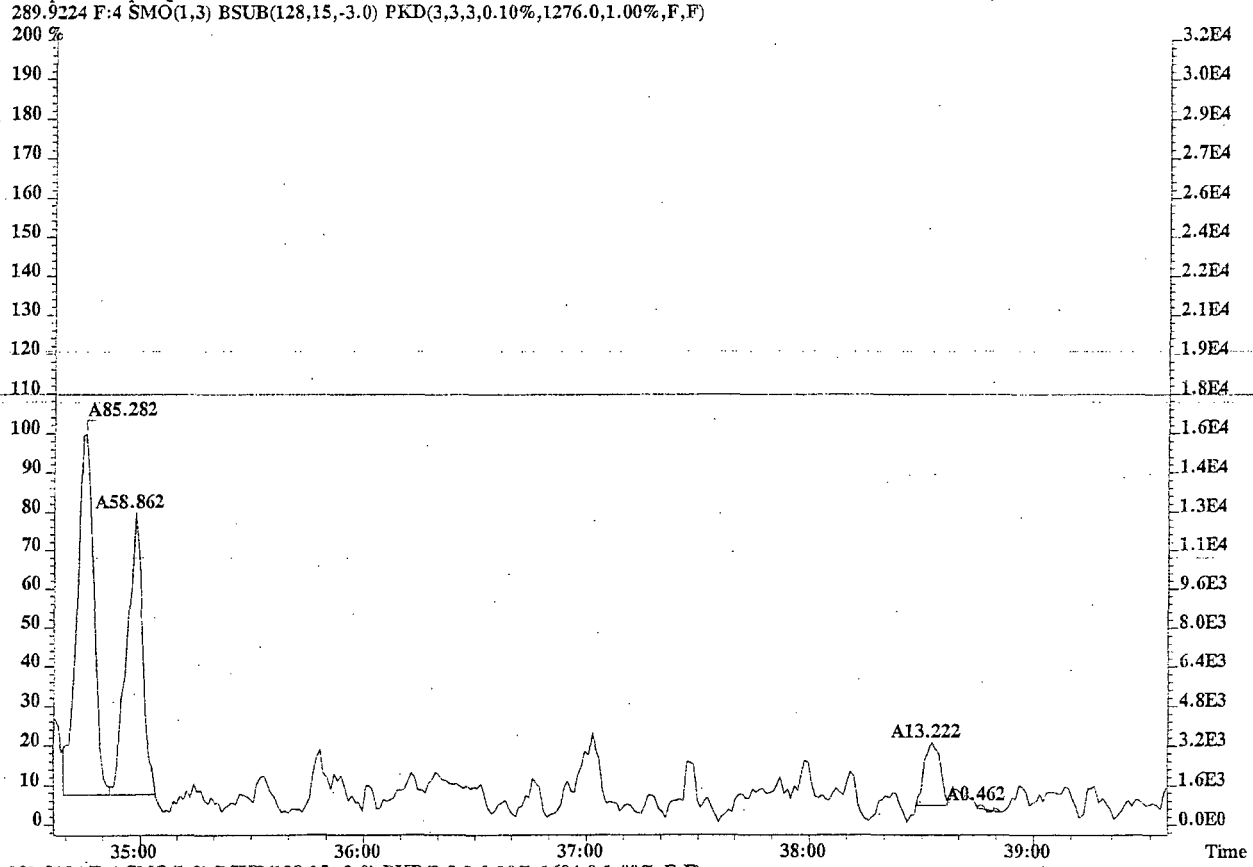
303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2672.0,1.00%,F,F)



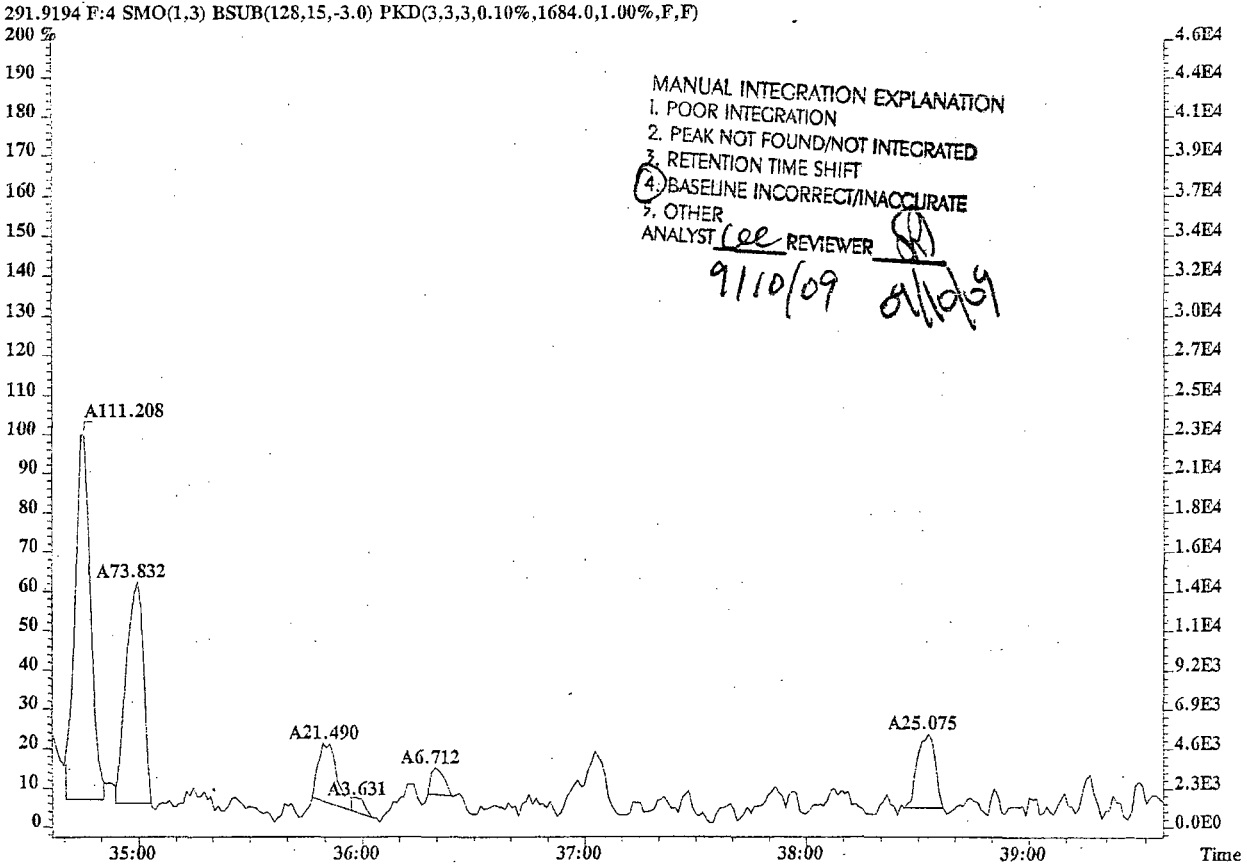
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220375 #1-318 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1276.0,1.00%,F,F)

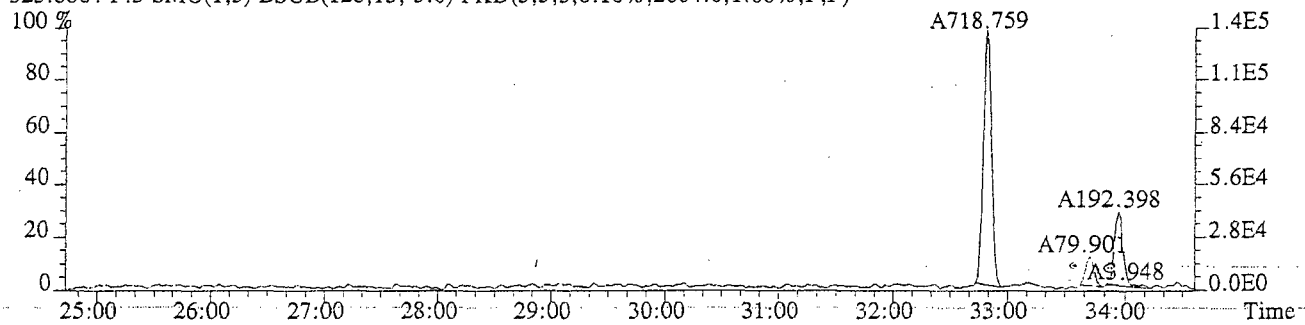


291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1684.0,1.00%,F,F)

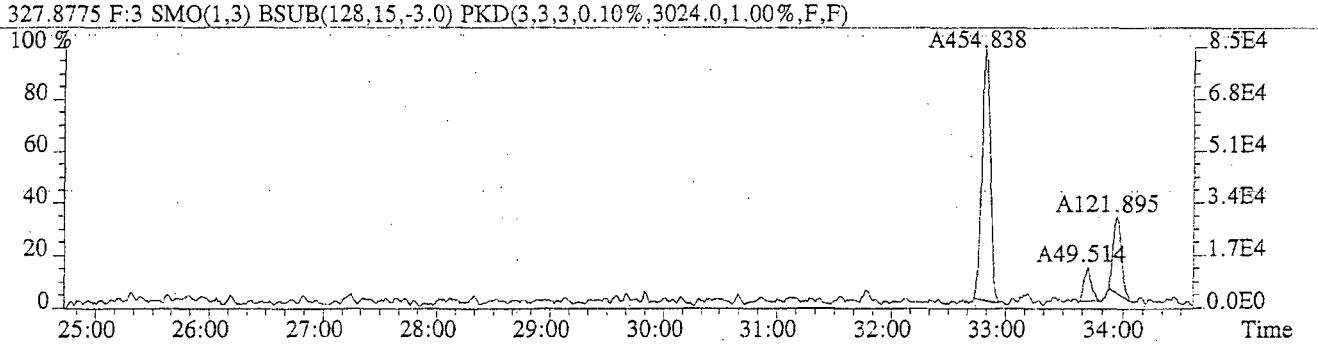


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST Lee REVIEWER
9/10/09 9/10/09

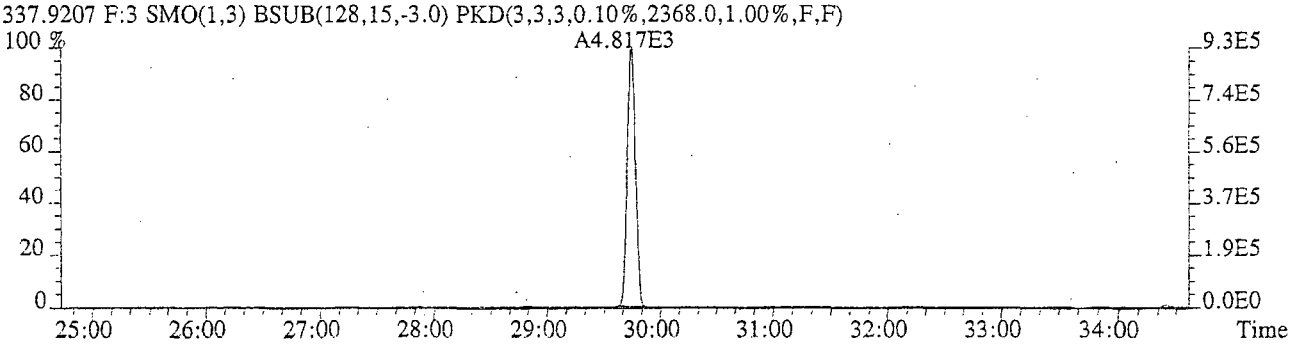
File:U220375 #1-632 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2604.0,1.00%,F,F)



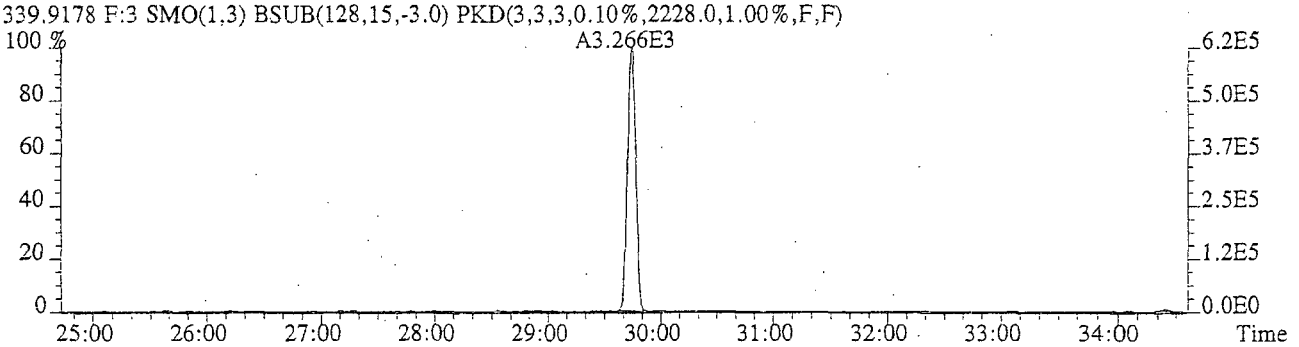
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3024.0,1.00%,F,F)



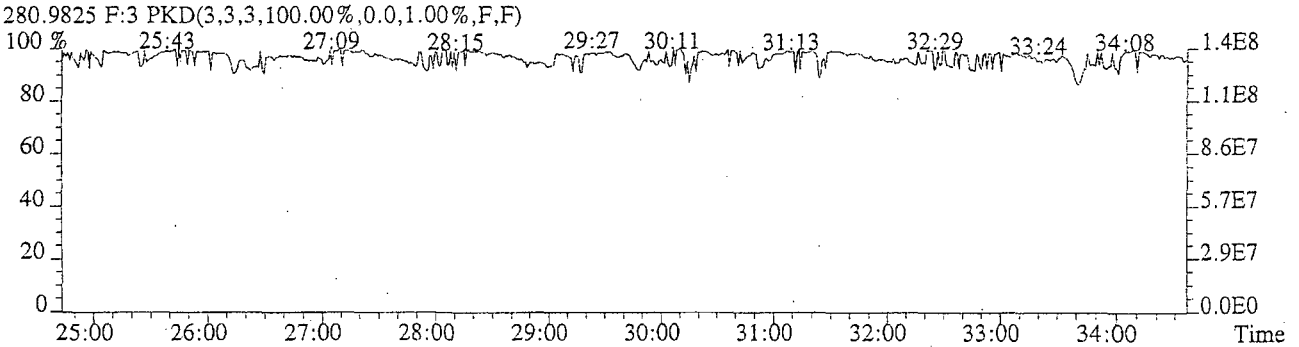
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2368.0,1.00%,F,F)



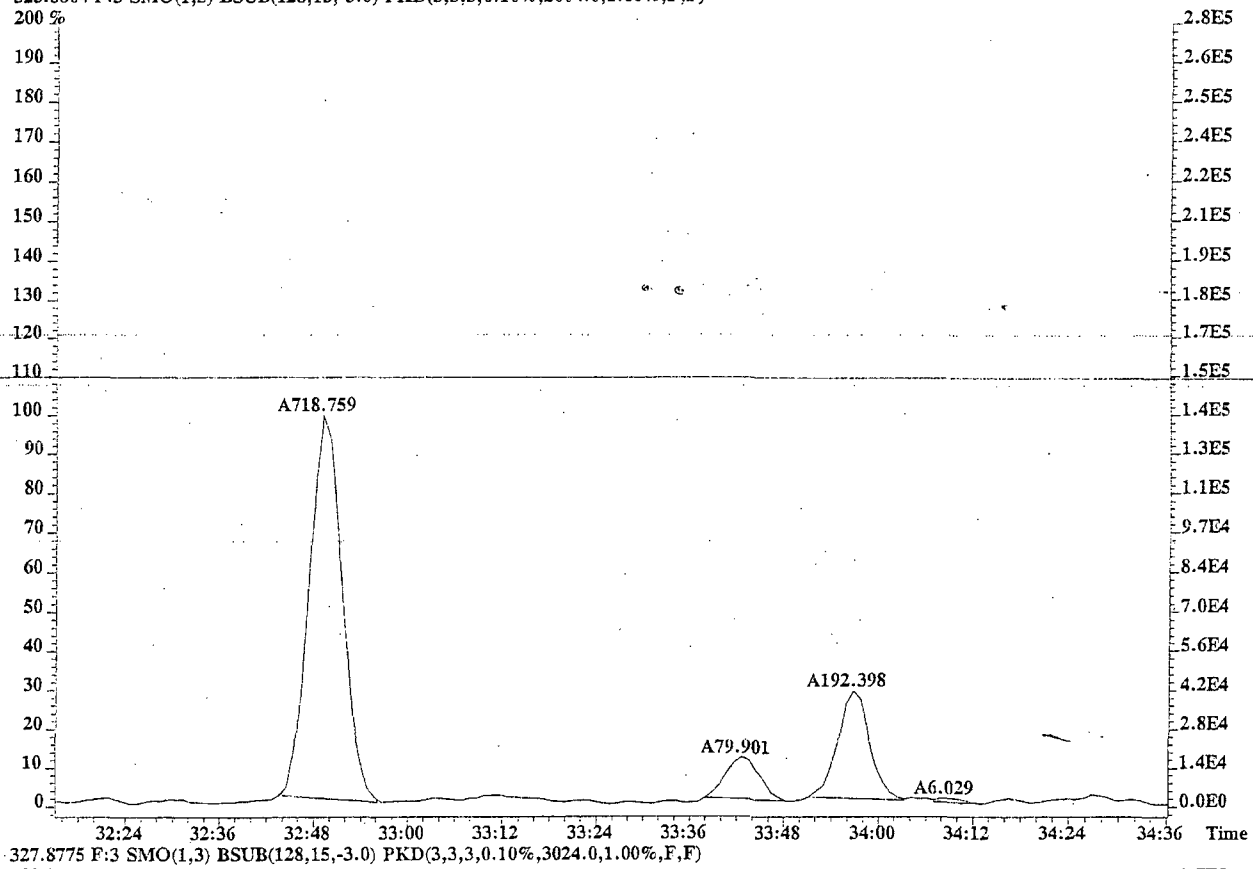
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2228.0,1.00%,F,F)



280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

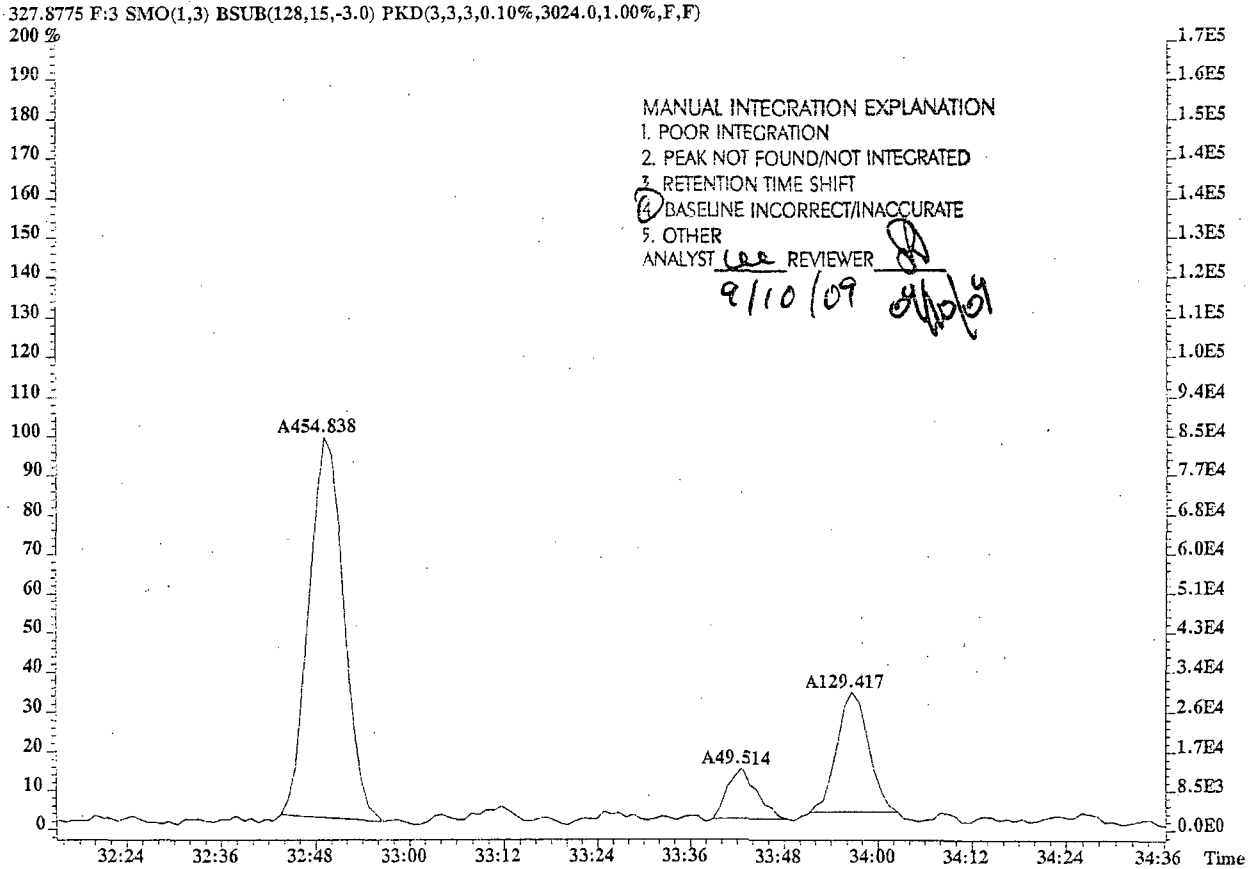


File:U220375 #1-632 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2604.0,1.00%,F,F)



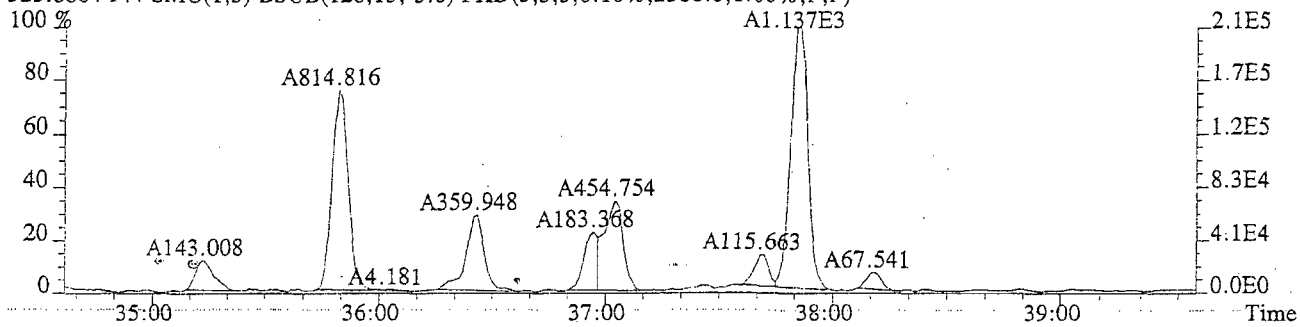
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3024.0,1.00%,F,F)

MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST LEE REVIEWER
9/10/09 9/10/09

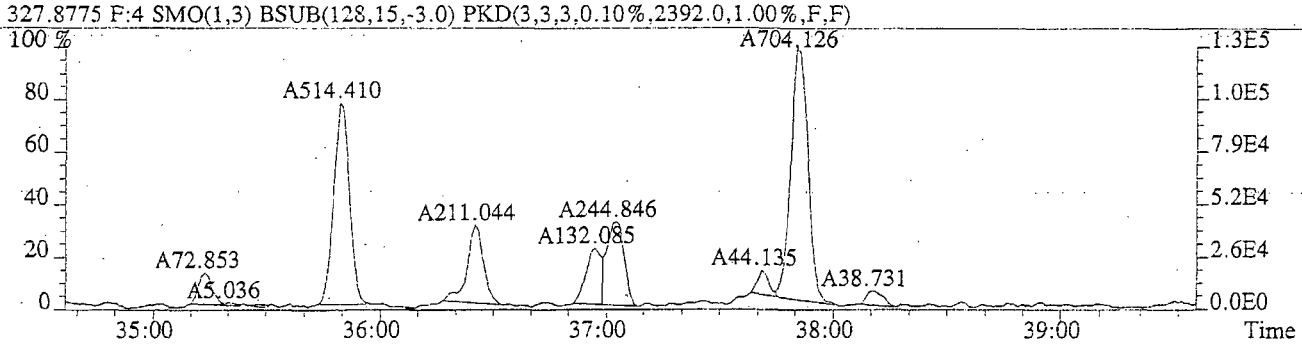


File:U220375 #1-318 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-01 MB

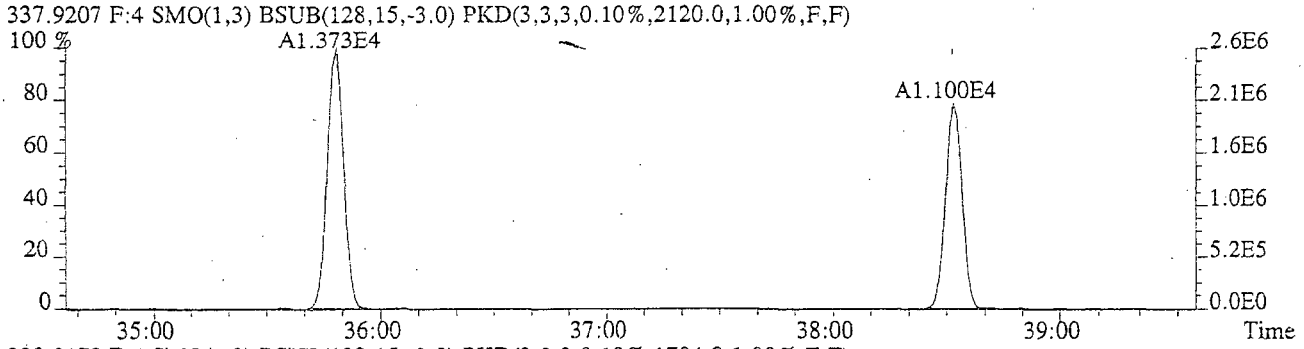
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2580.0,1.00%,F,F)



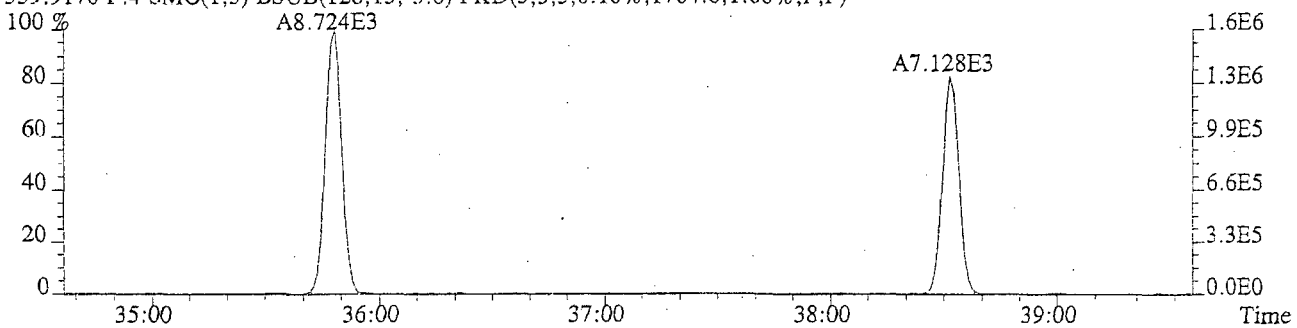
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2392.0,1.00%,F,F)



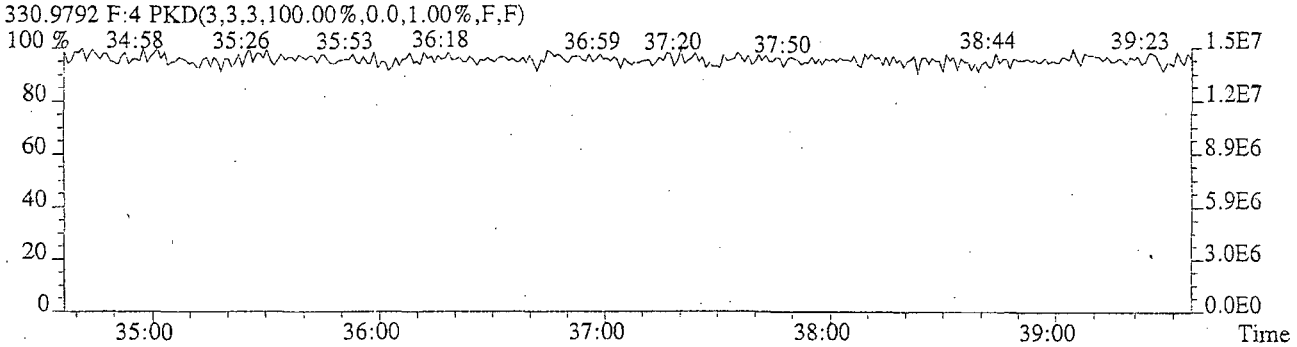
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2120.0,1.00%,F,F)



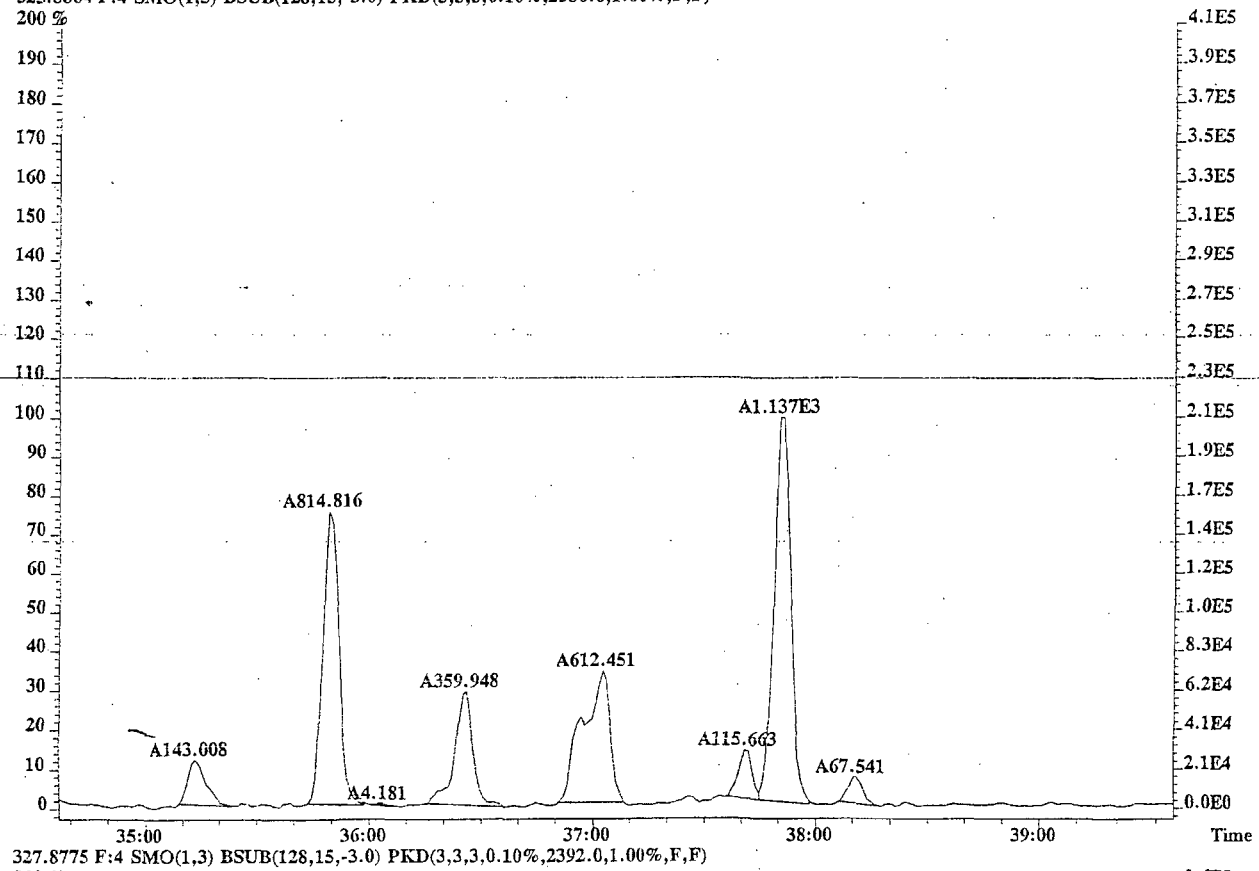
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1704.0,1.00%,F,F)



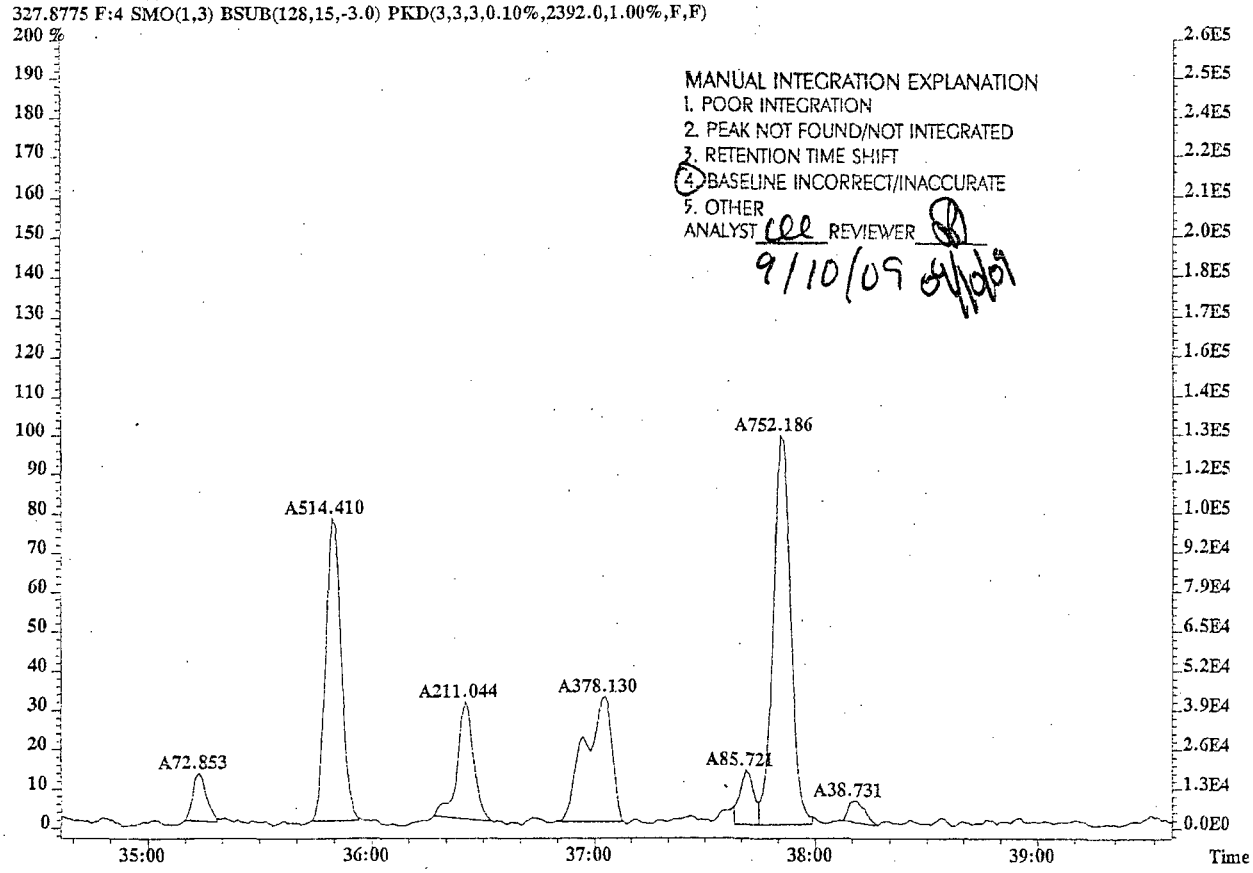
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220375 #1-318 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2580.0,1.00%,F,F)

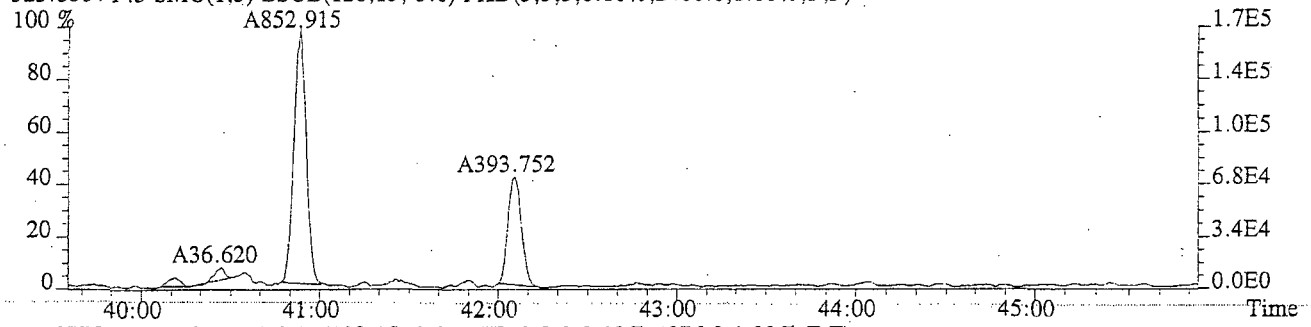


327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2392.0,1.00%,F,F)

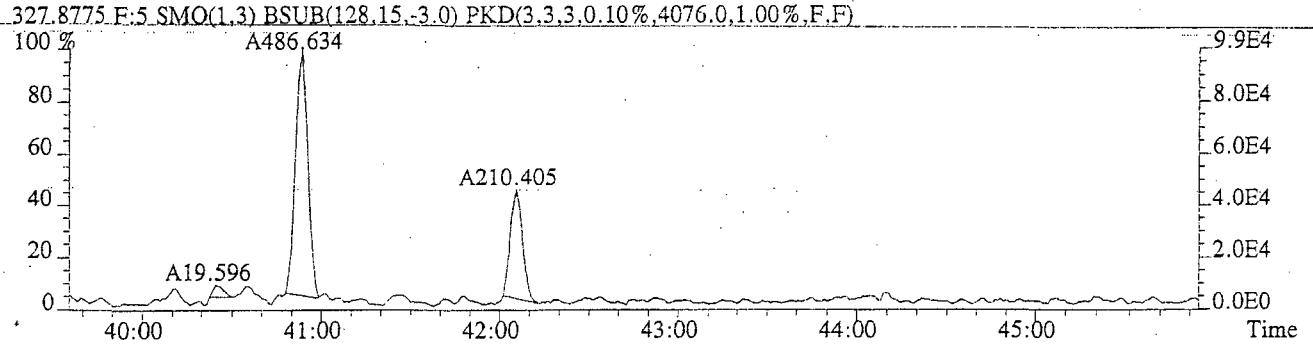


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST ccc REVIEWER
9/10/09 9/10/09

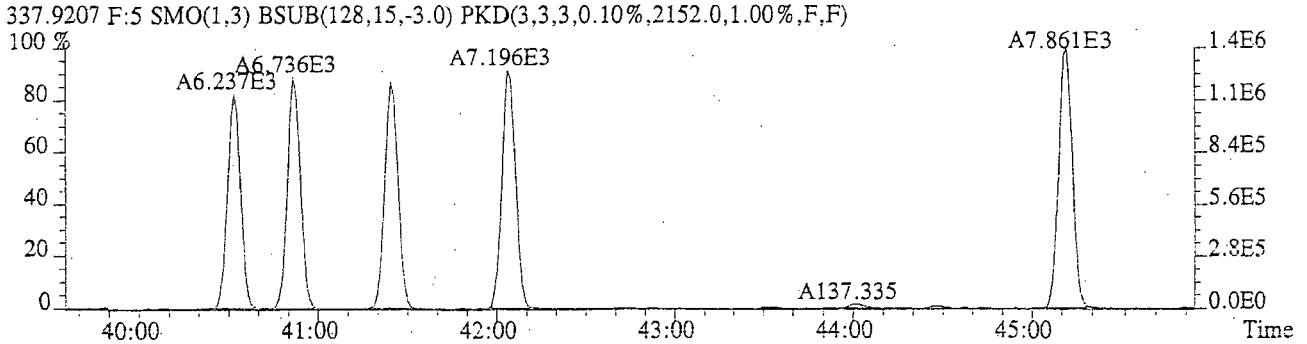
File:U220375 #1-403 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-01 MB
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2400.0,1.00%,F,F)



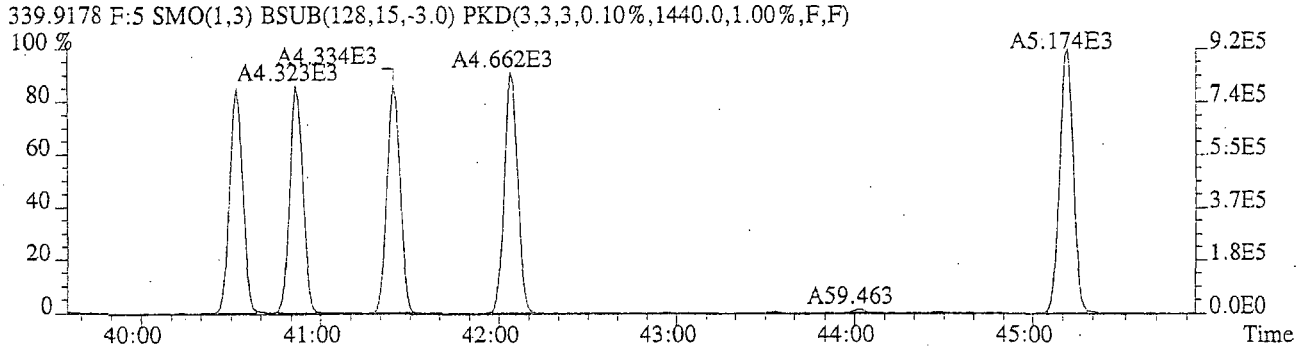
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4076.0,1.00%,F,F)



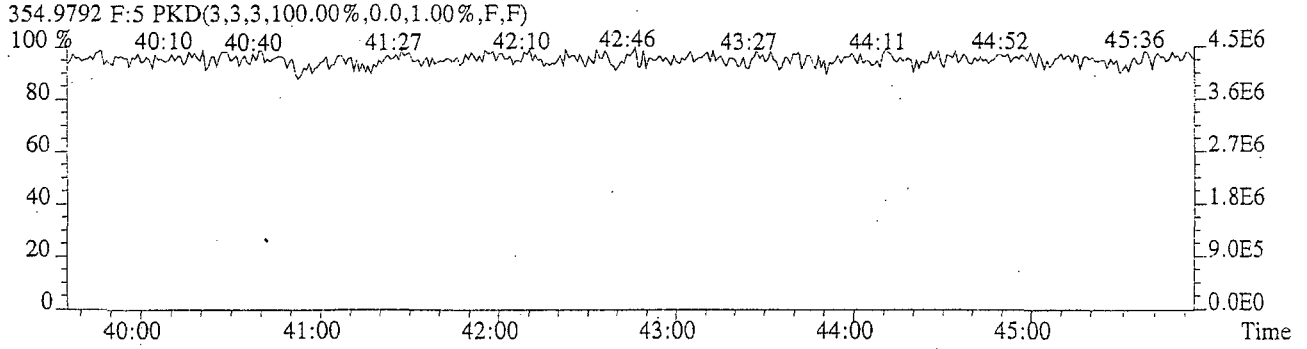
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2152.0,1.00%,F,F)



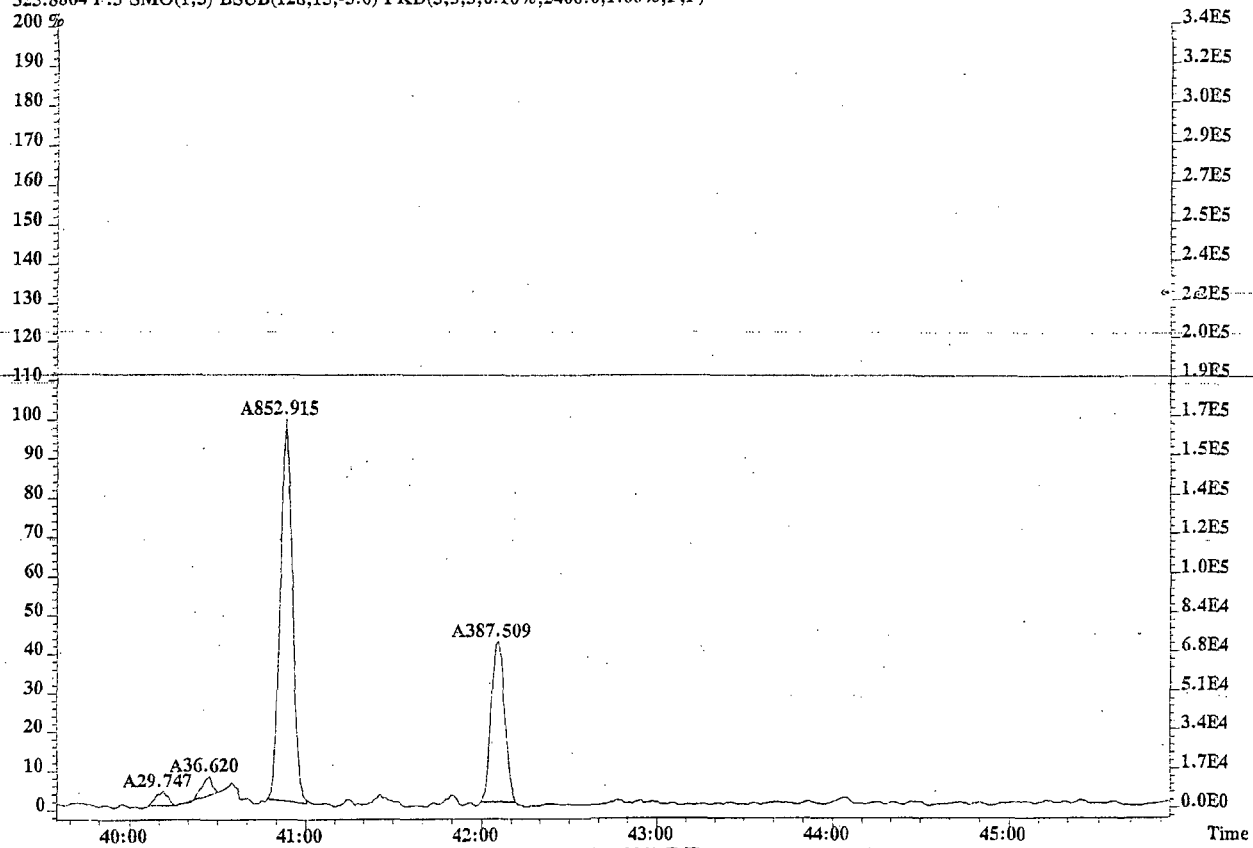
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,F)



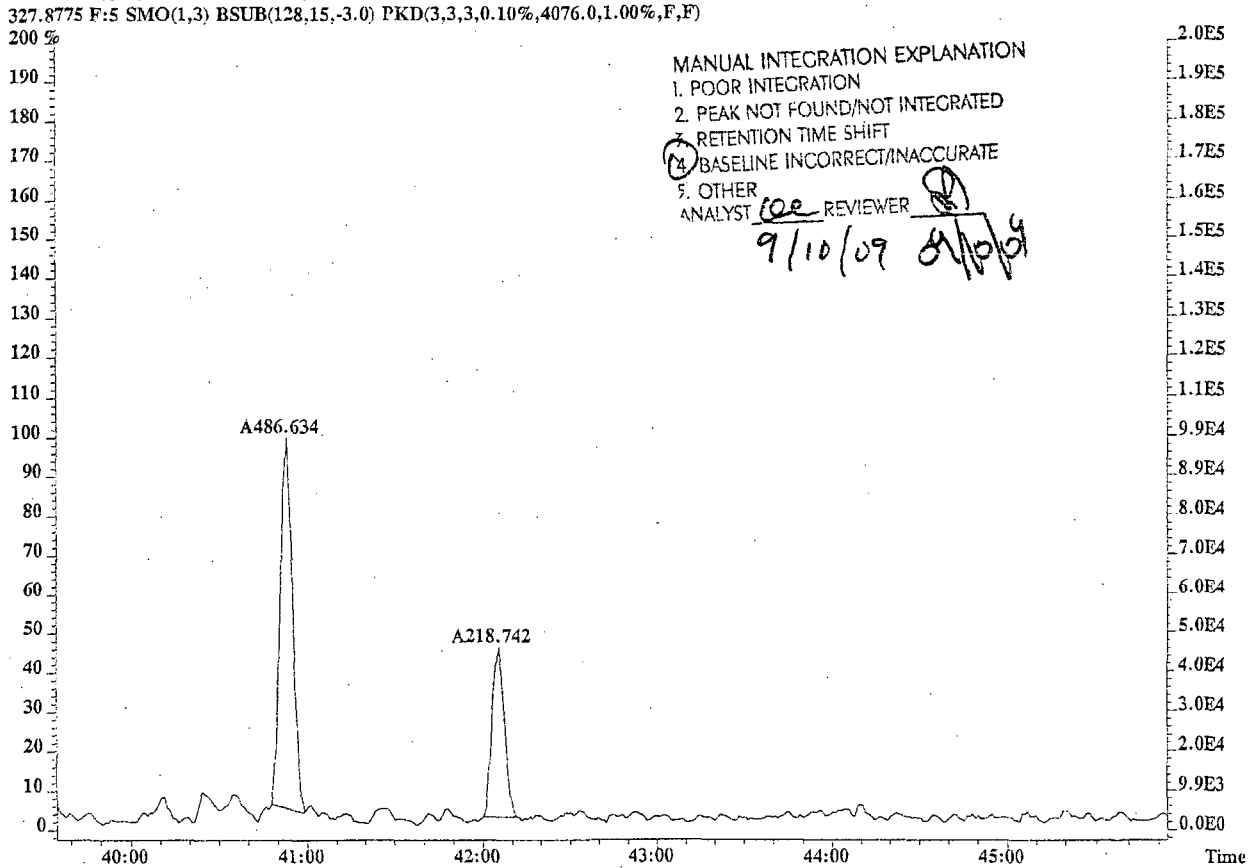
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220375 #1-403 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2400.0,1.00%,F,F)

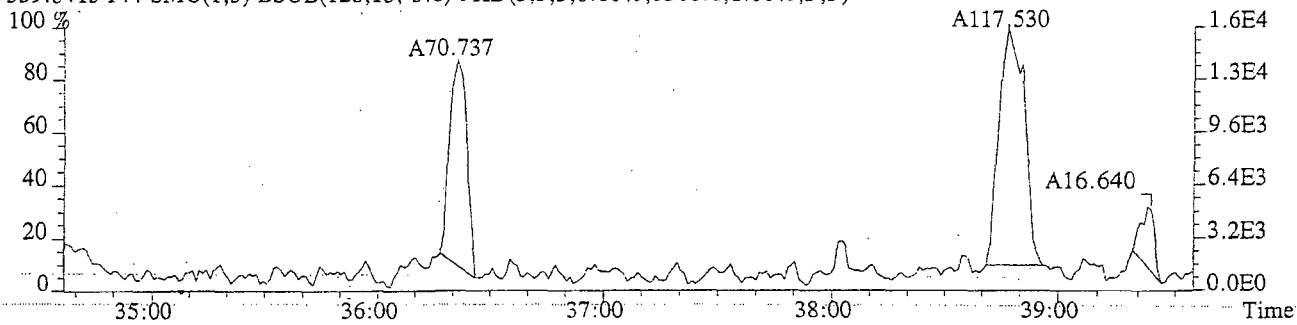


327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4076.0,1.00%,F,F)

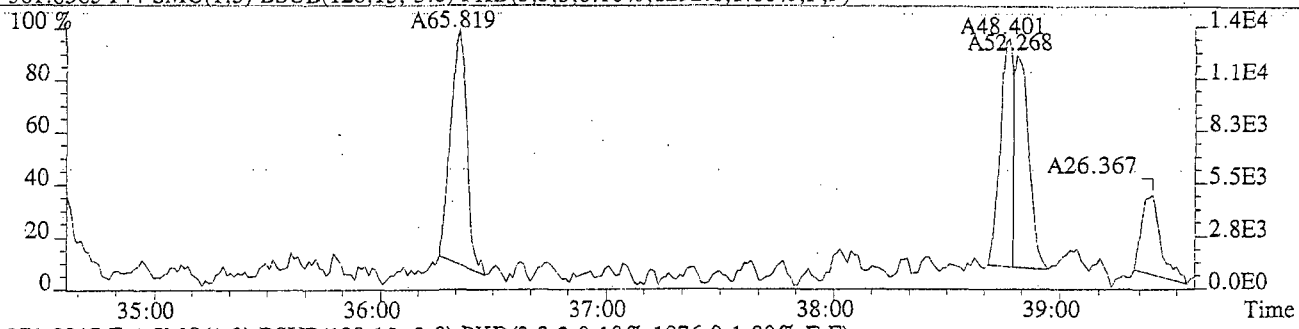


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST EQE REVIEWER
9/10/09

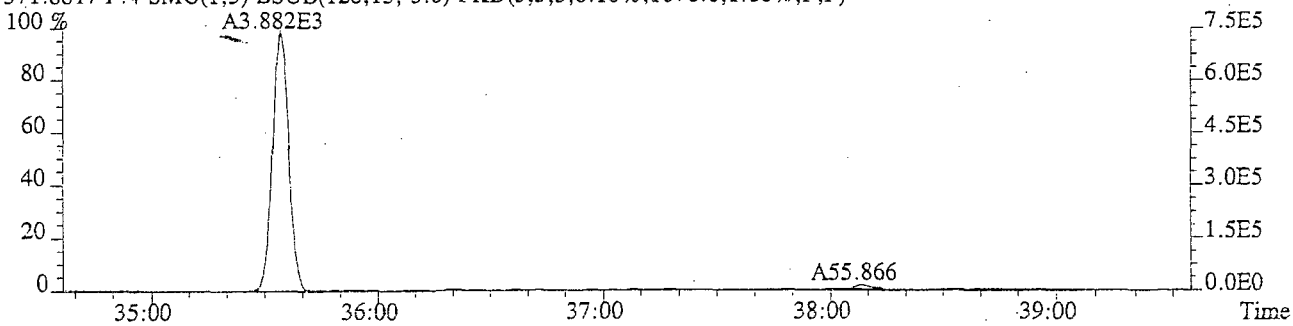
File:U220375 #1-318 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1368.0,1.00%,F,F)



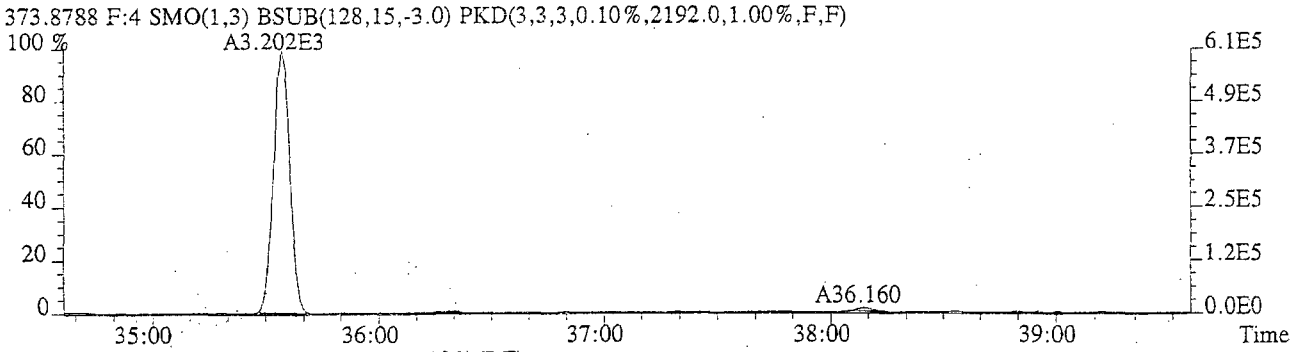
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1292.0,1.00%,F,F)



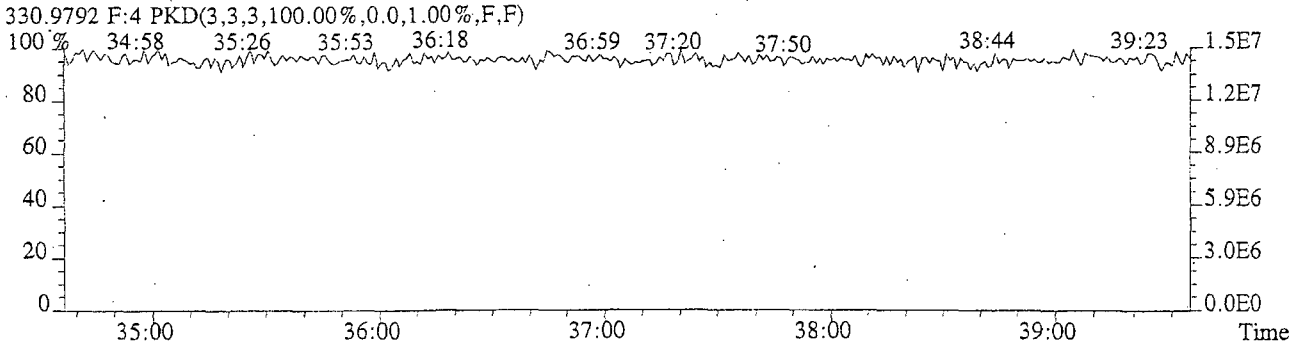
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1076.0,1.00%,F,F)



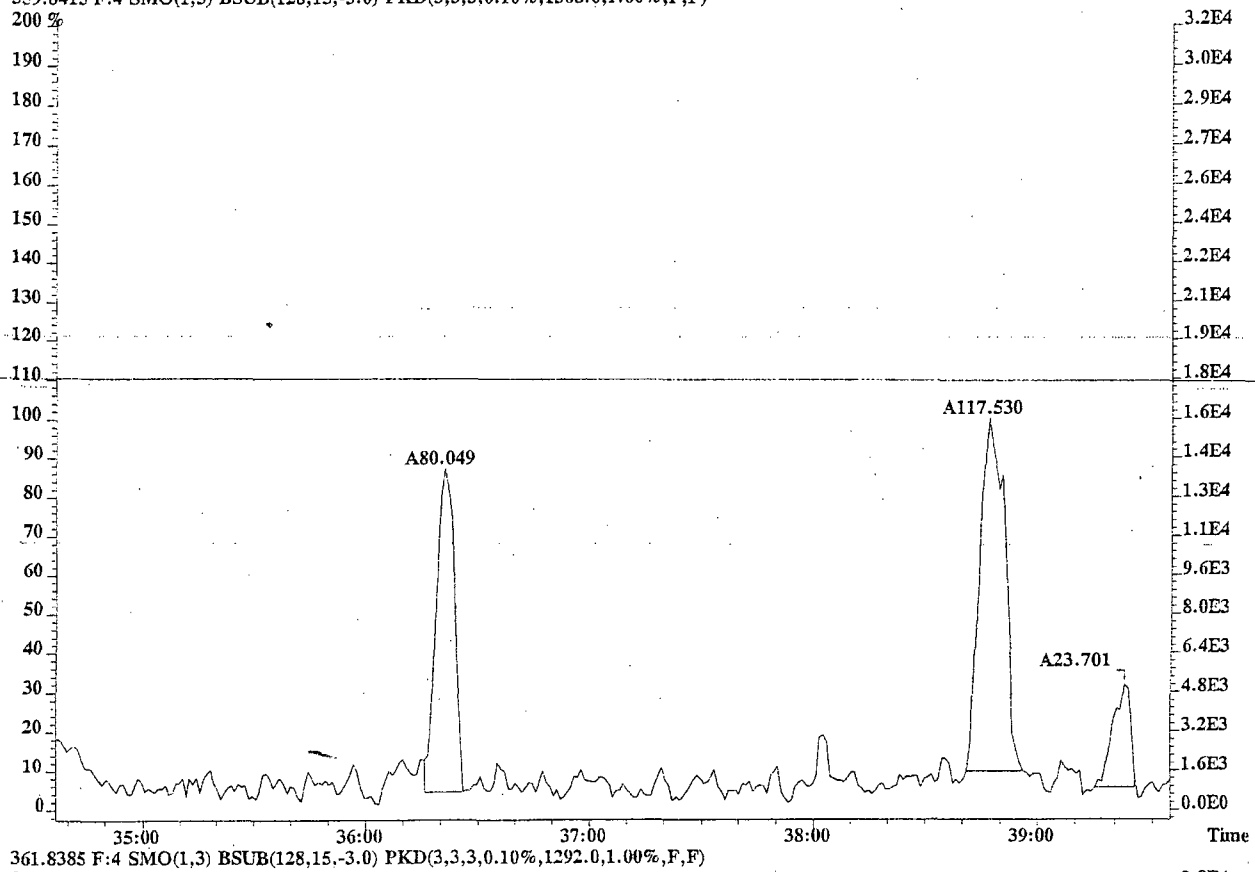
373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2192.0,1.00%,F,F)



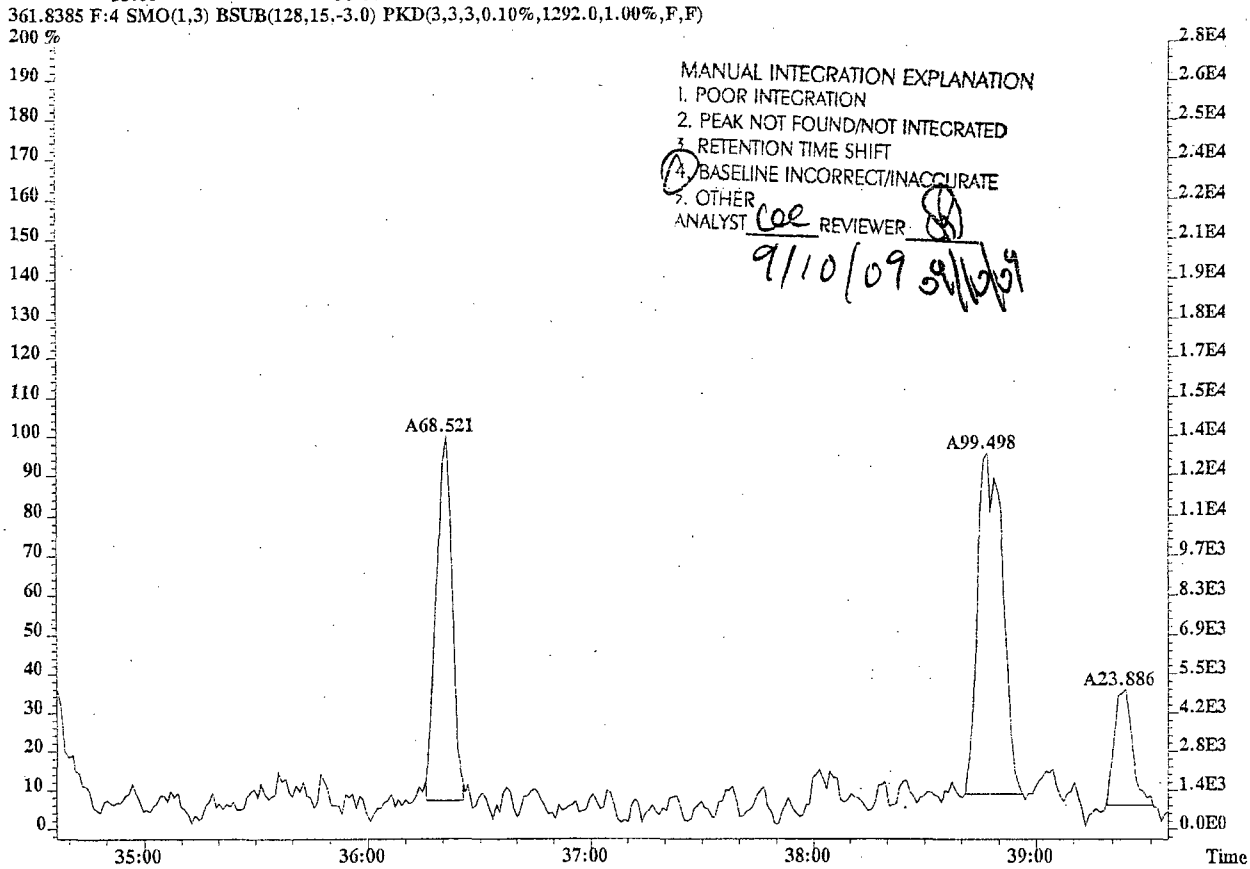
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220375 #1-318 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1368.0,1.00%,F,F)

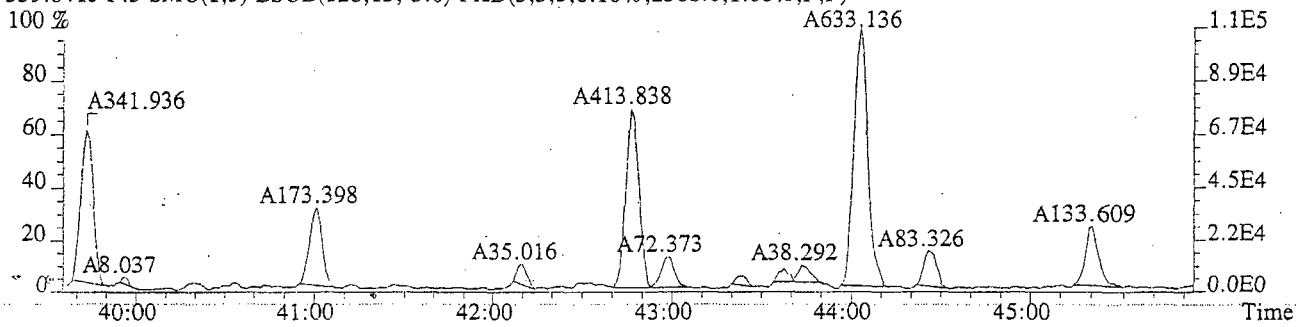


361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1292.0,1.00%,F,F)

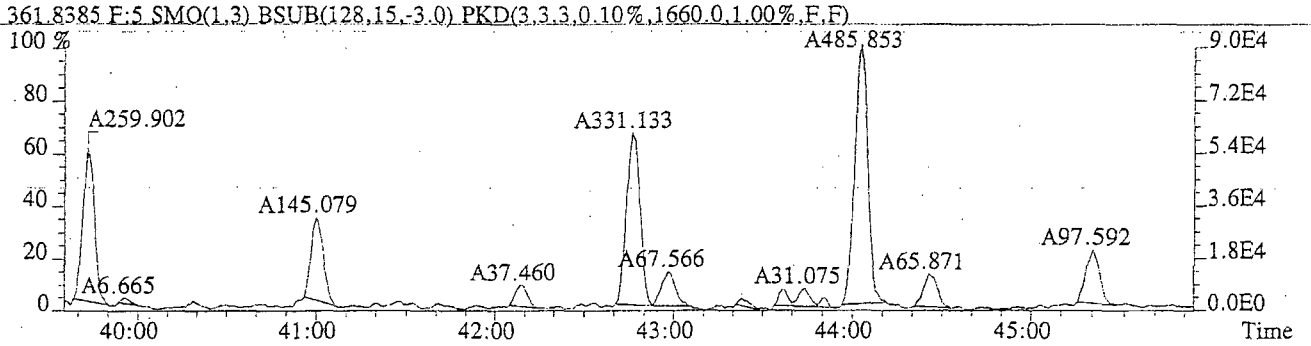


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST Coe REVIEWER
9/10/09 9/10/09

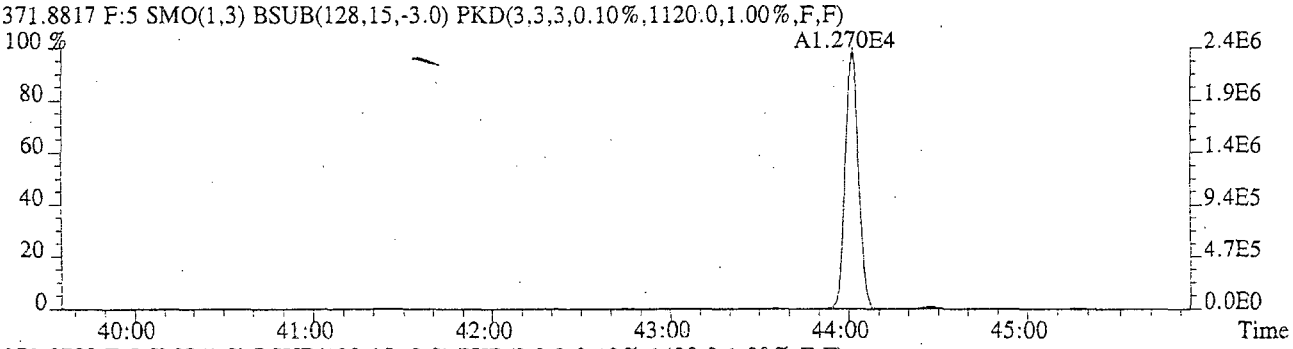
File:U220375 #1-403 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-01 MB
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2568.0,1.00%,F,F)



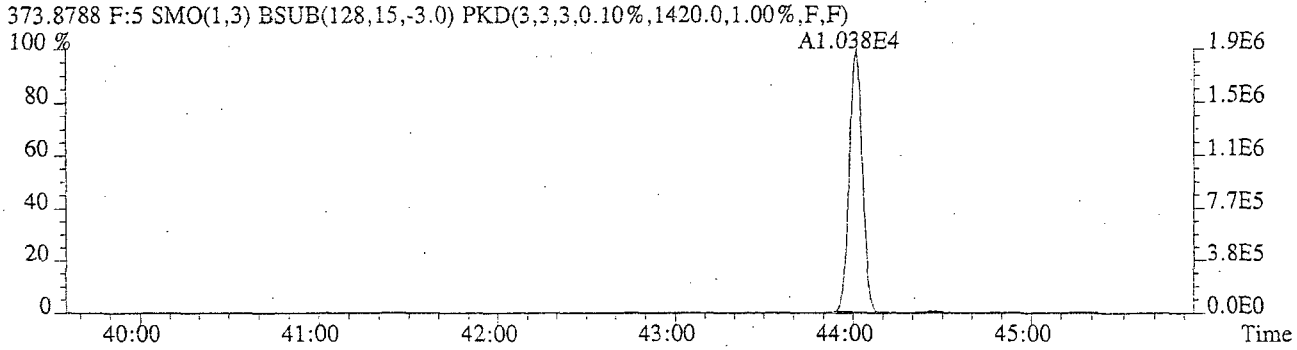
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1660.0,1.00%,F,F)



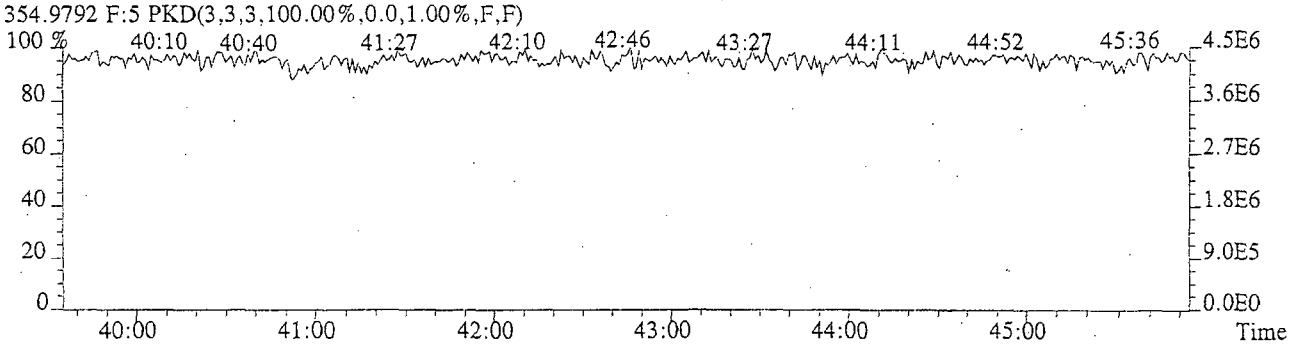
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,F)



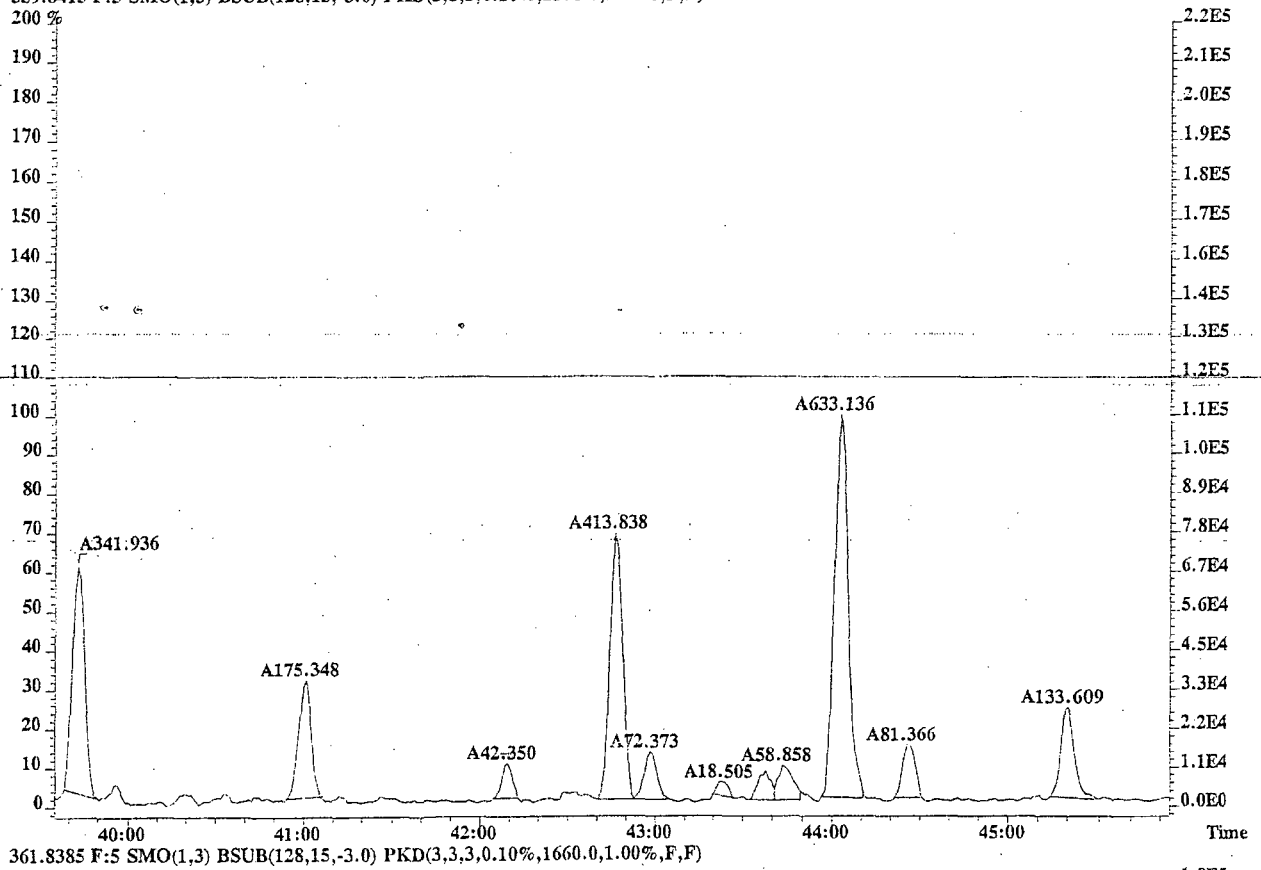
373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1420.0,1.00%,F,F)



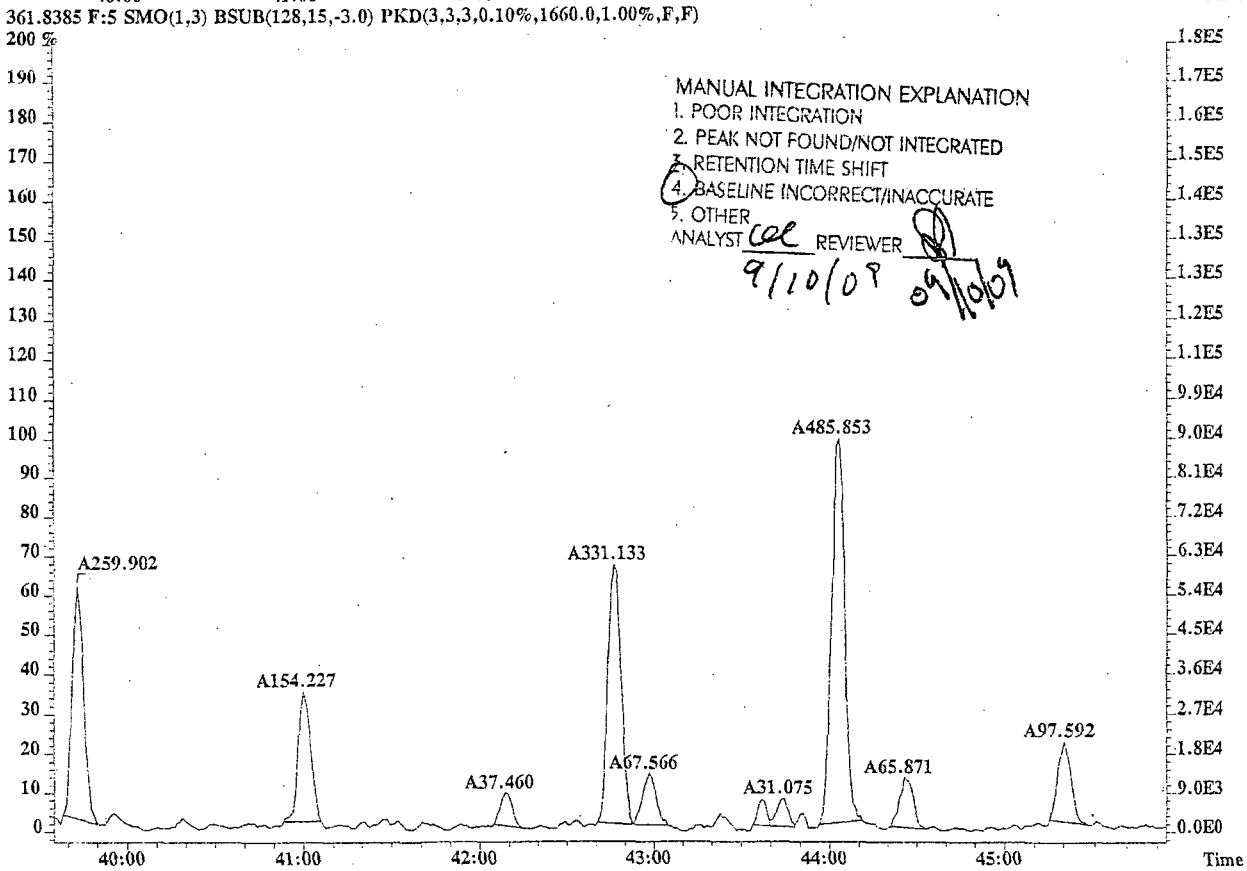
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220375 #1-403 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2568.0,1.00%,F,F)

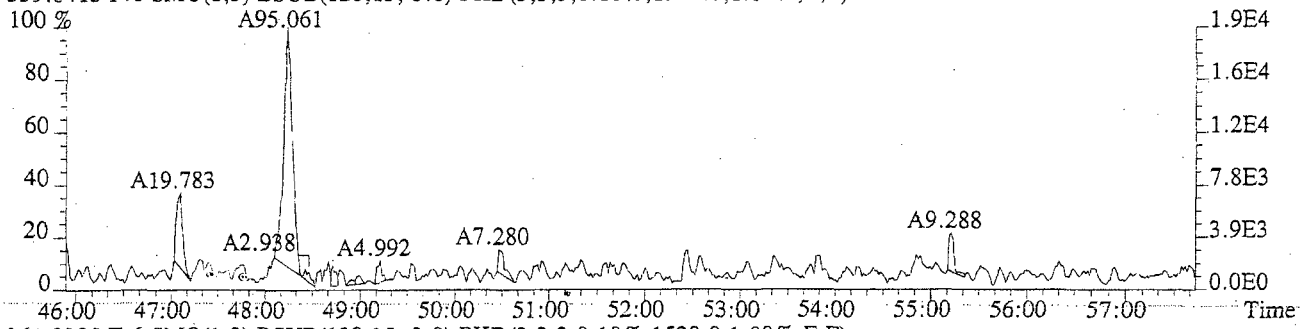


361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1660.0,1.00%,F,F)

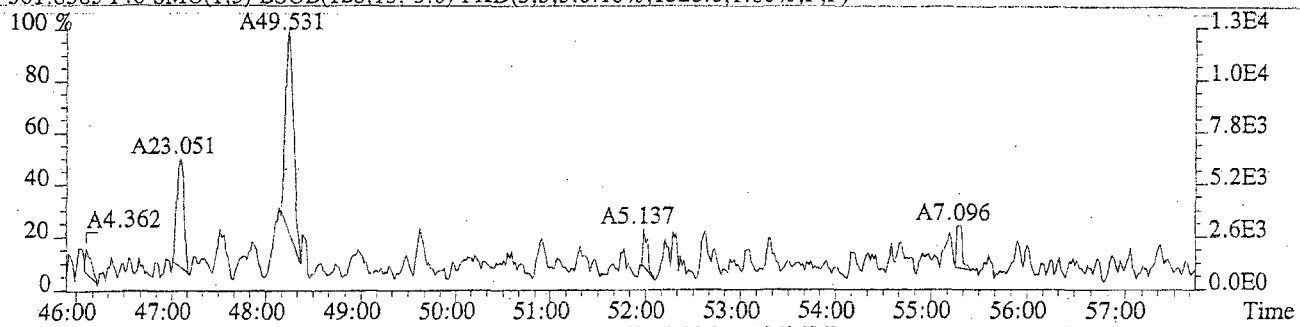


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST cal REVIEWER
9/10/09 09/10/09

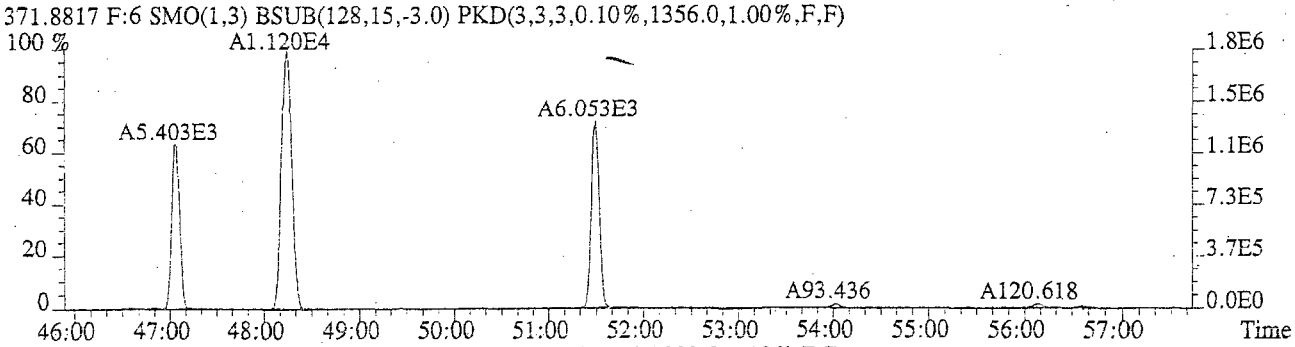
File:U220375 #1-586 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1524.0,1.00%,F,F)



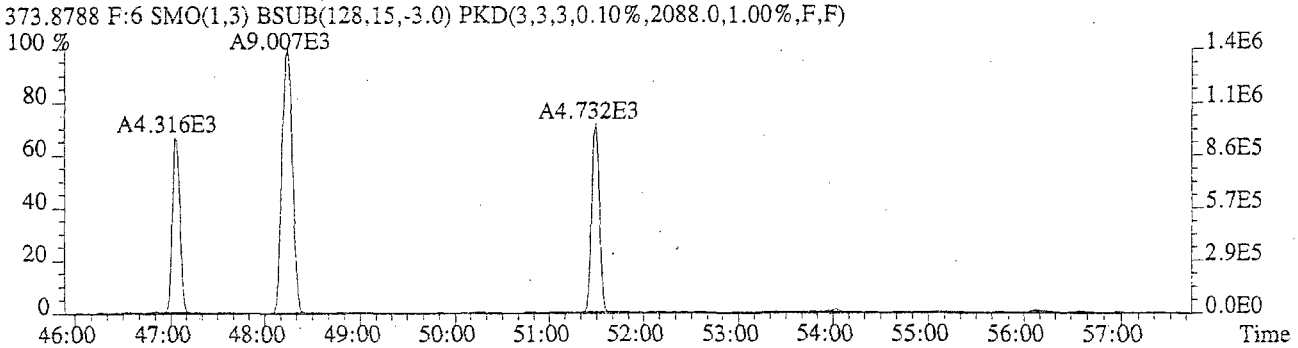
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1528.0,1.00%,F,F)



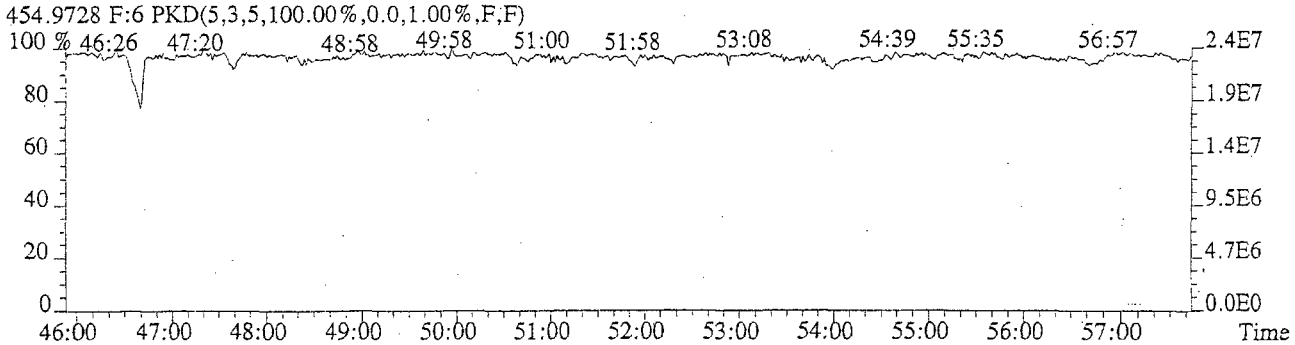
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1356.0,1.00%,F,F)



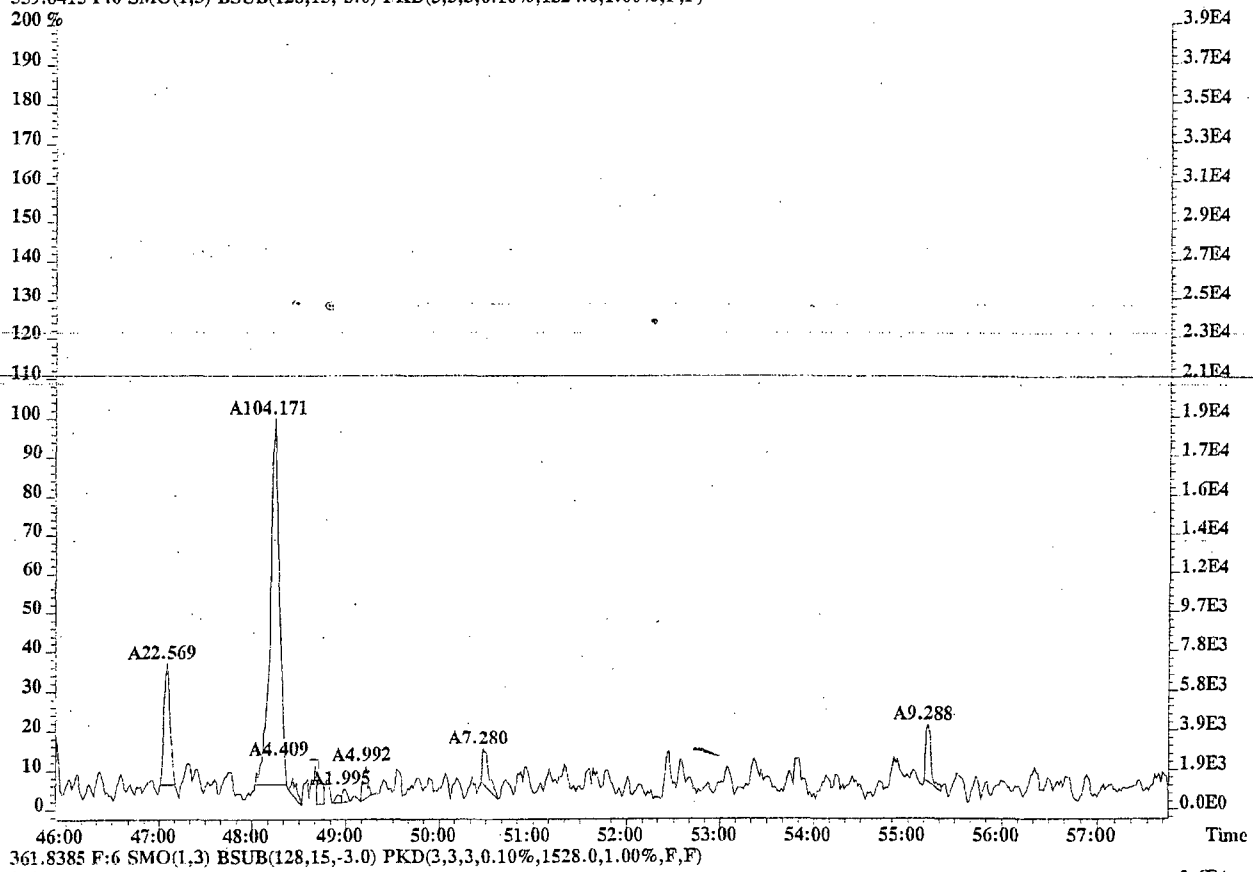
373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2088.0,1.00%,F,F)



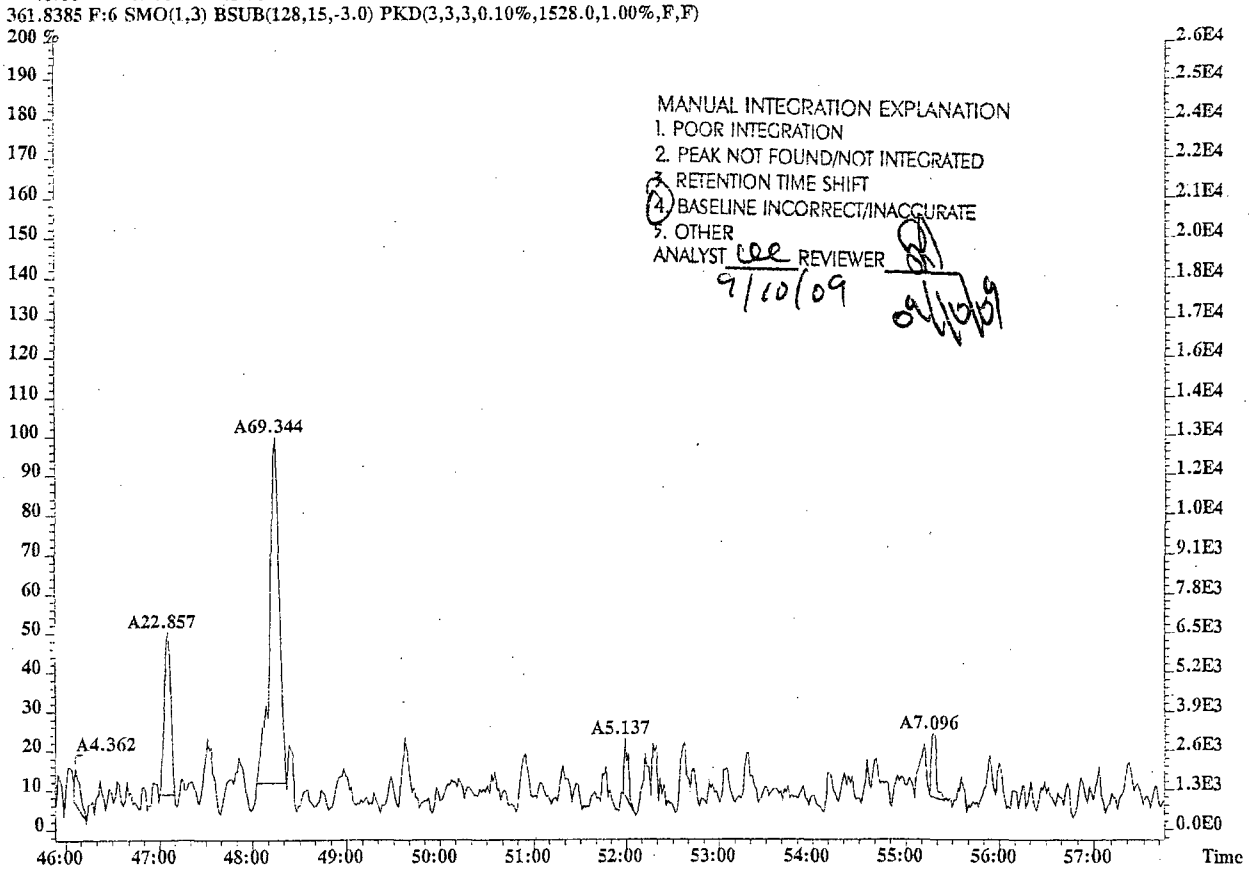
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



File:U220375 #1-586 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1524.0,1.00%,F,F)

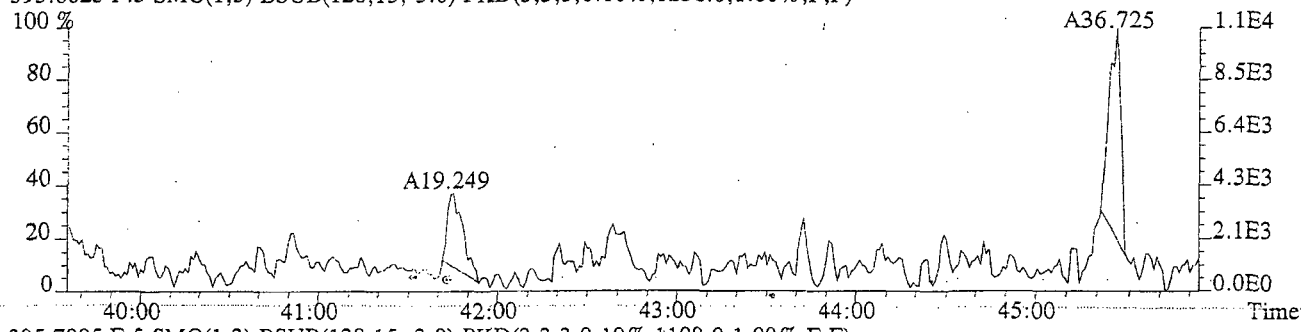


361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1528.0,1.00%,F,F)

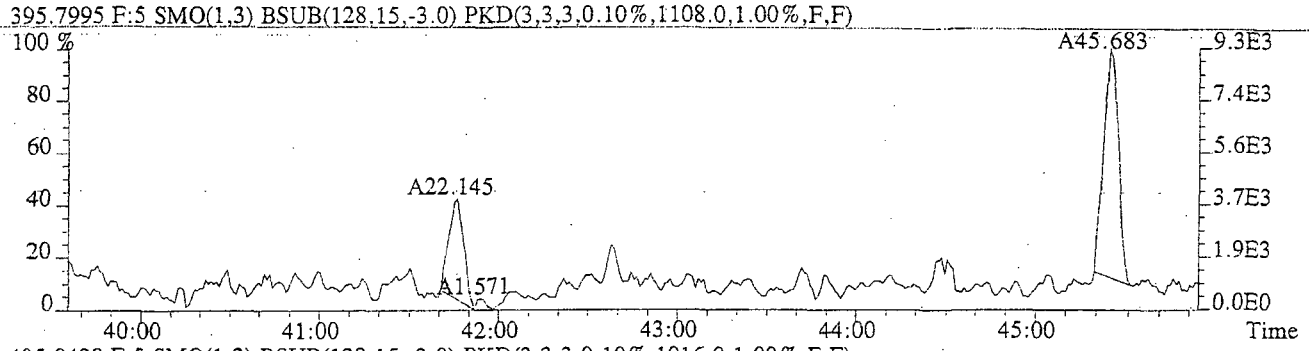


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
(4.) BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST lee REVIEWER
9/10/09 09/10/09

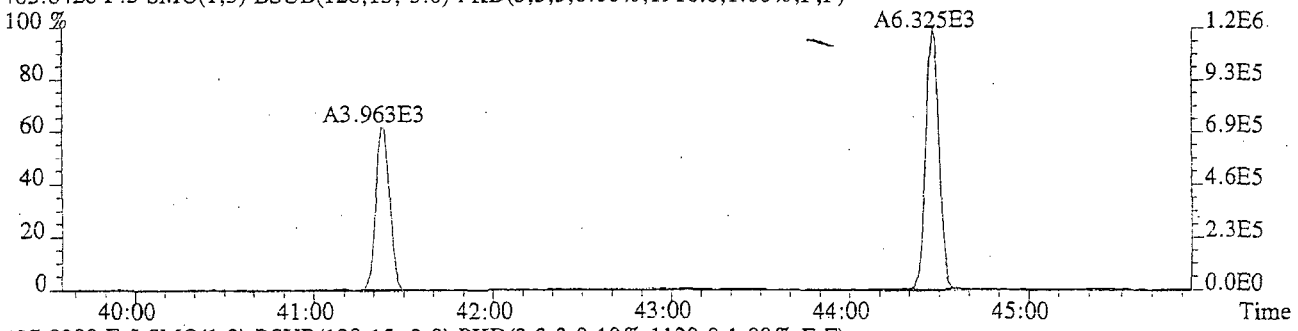
File:U220375 #1-403 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-01 MB
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,F)



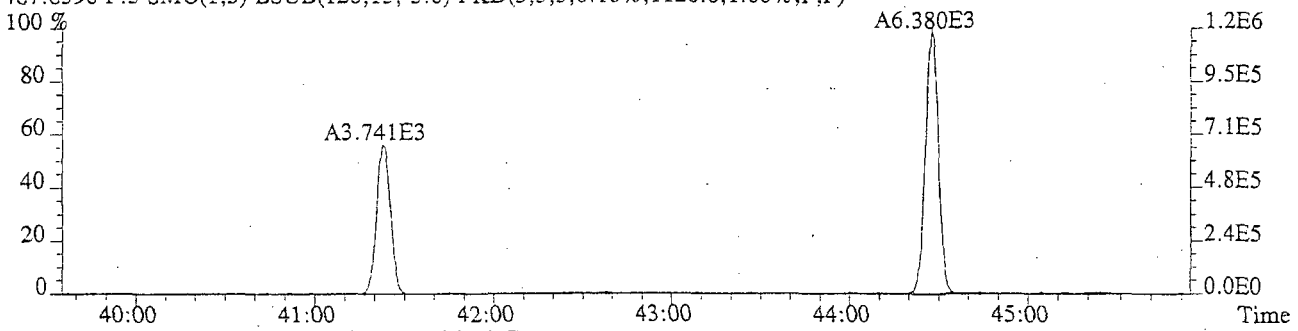
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,F)



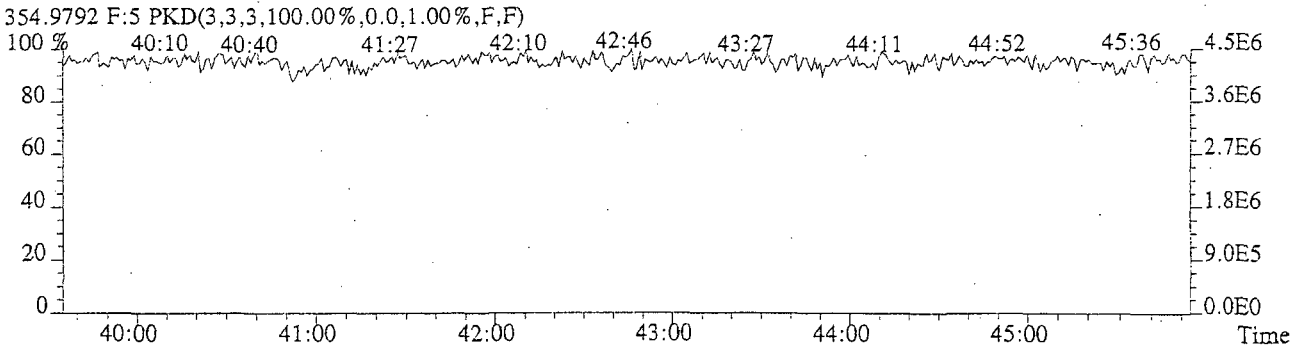
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1916.0,1.00%,F,F)



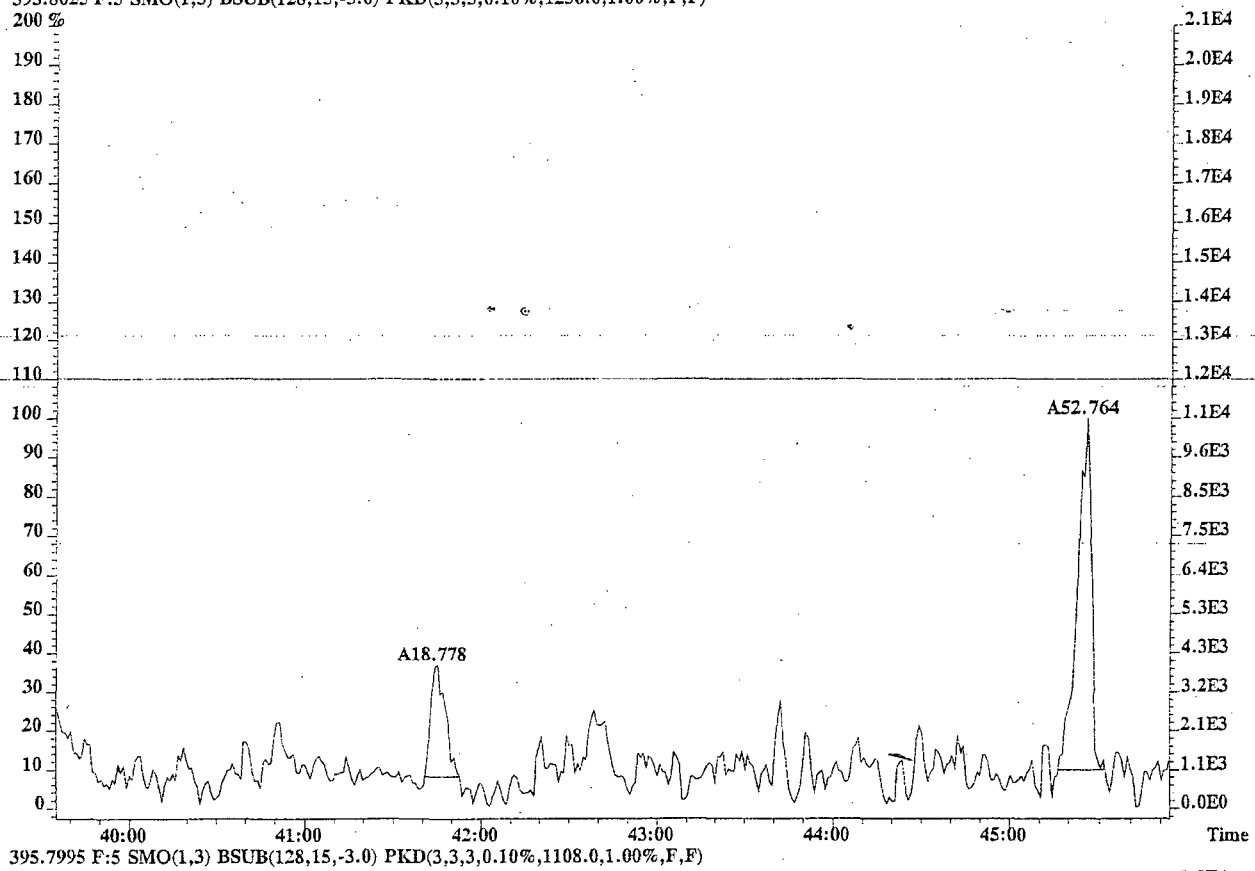
407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1120.0,1.00%,F,F)



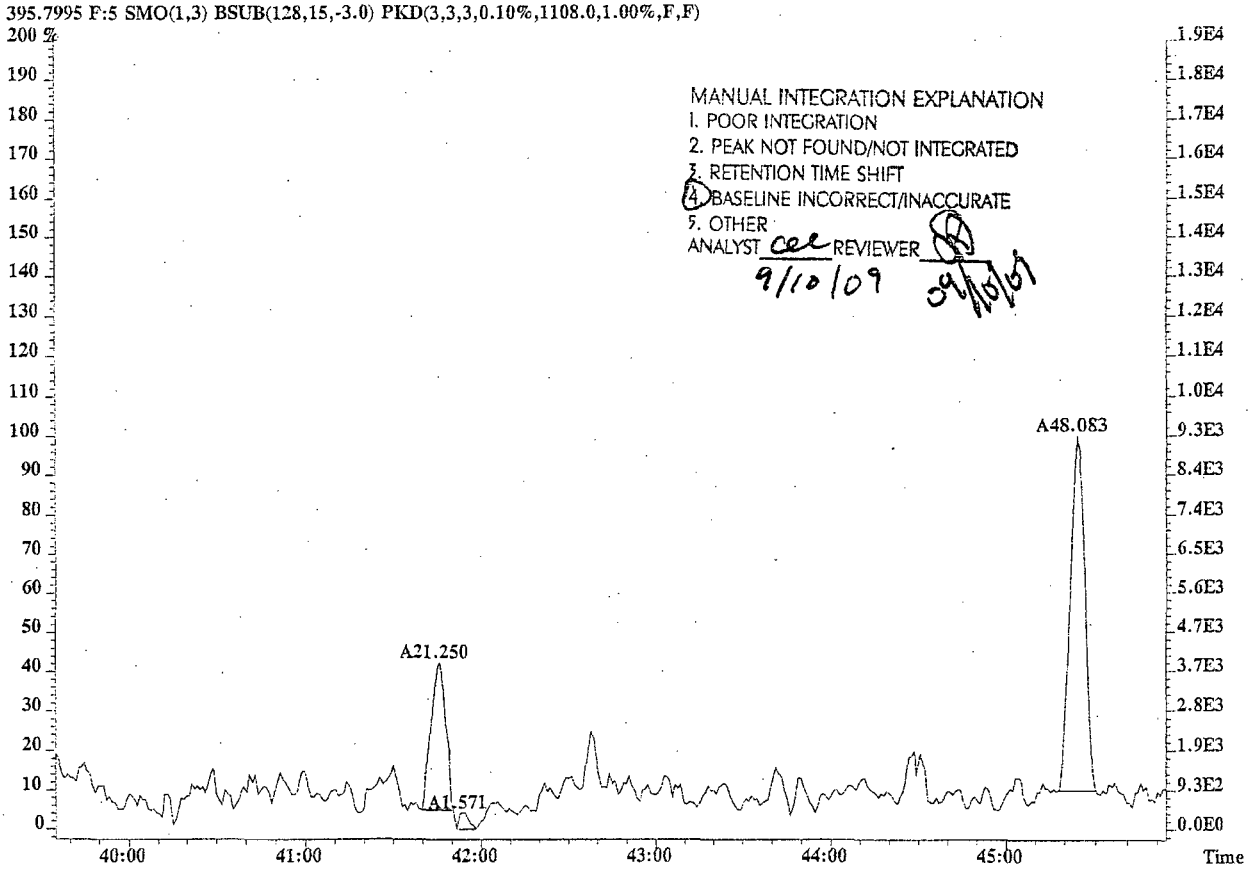
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220375 #1-403 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,F)

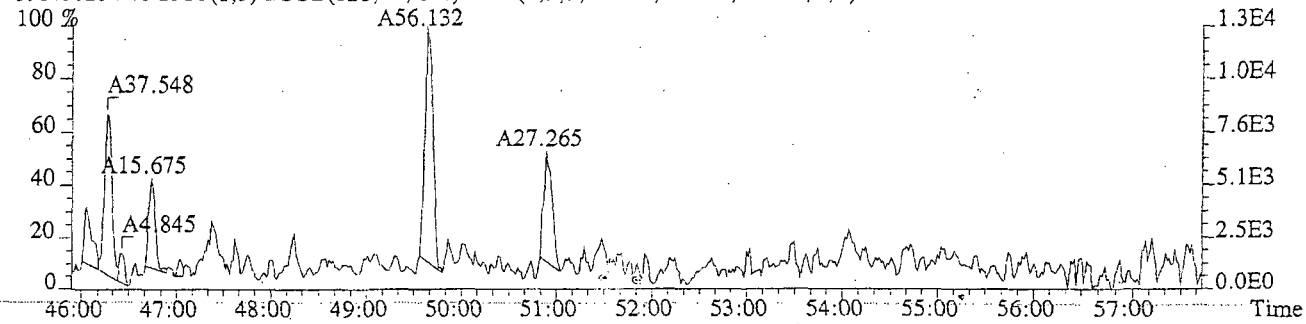


395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,F)

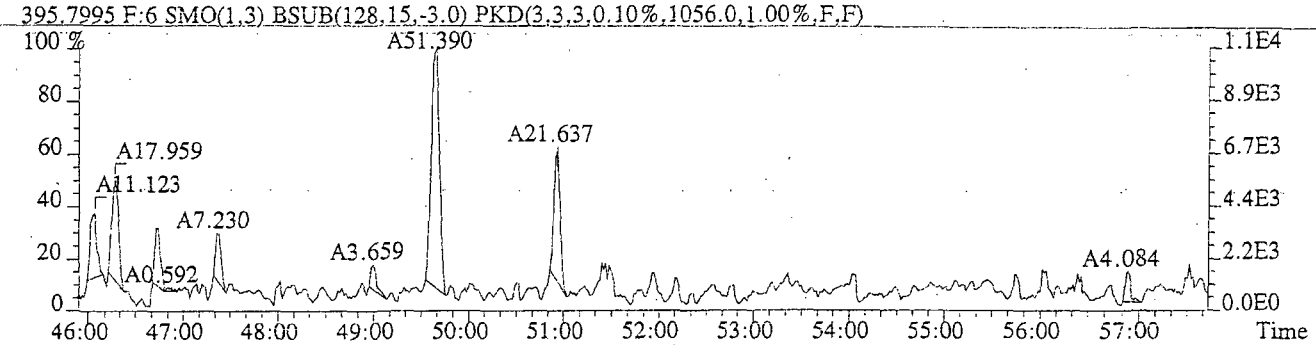


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST cee REVIEWER
9/10/09 9/10/09

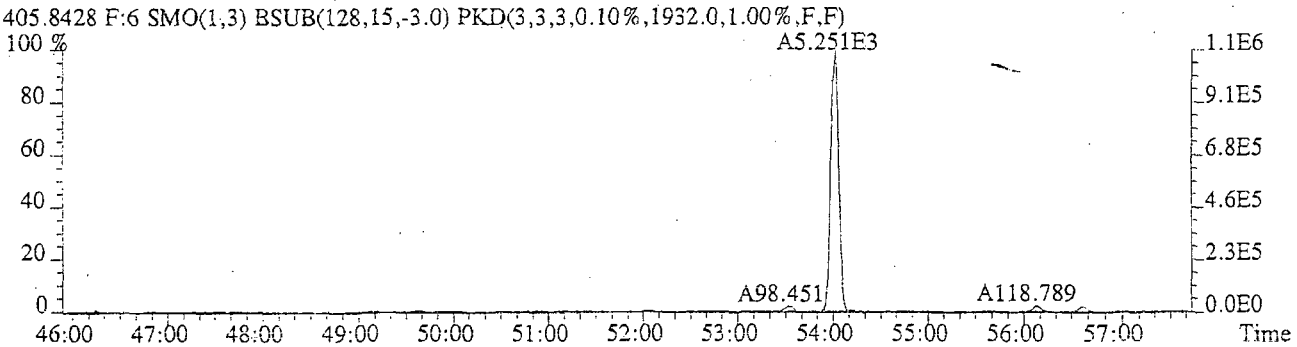
File:U220375 #1-586 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1480.0,1.00%,F,F)



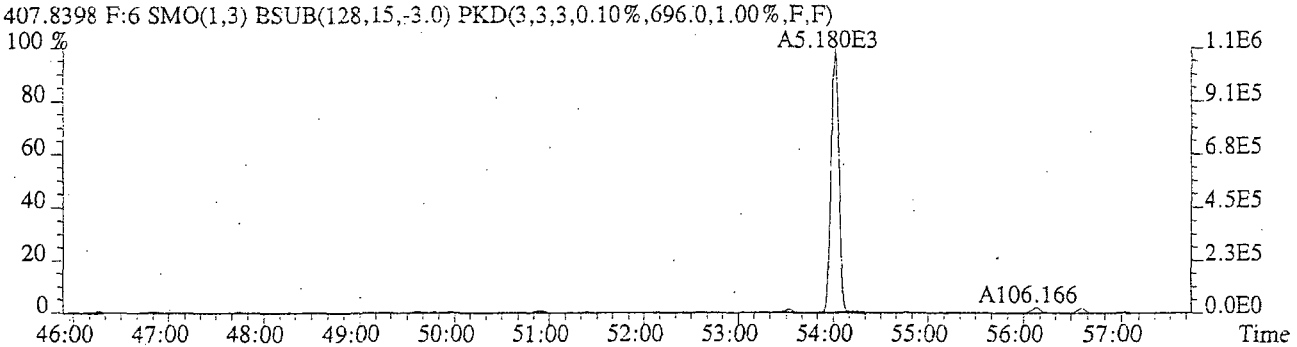
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,F)



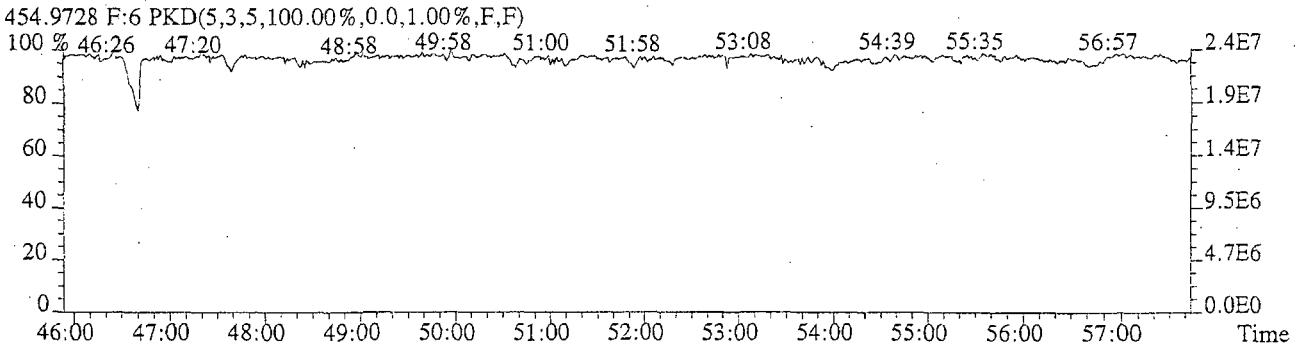
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1932.0,1.00%,F,F)



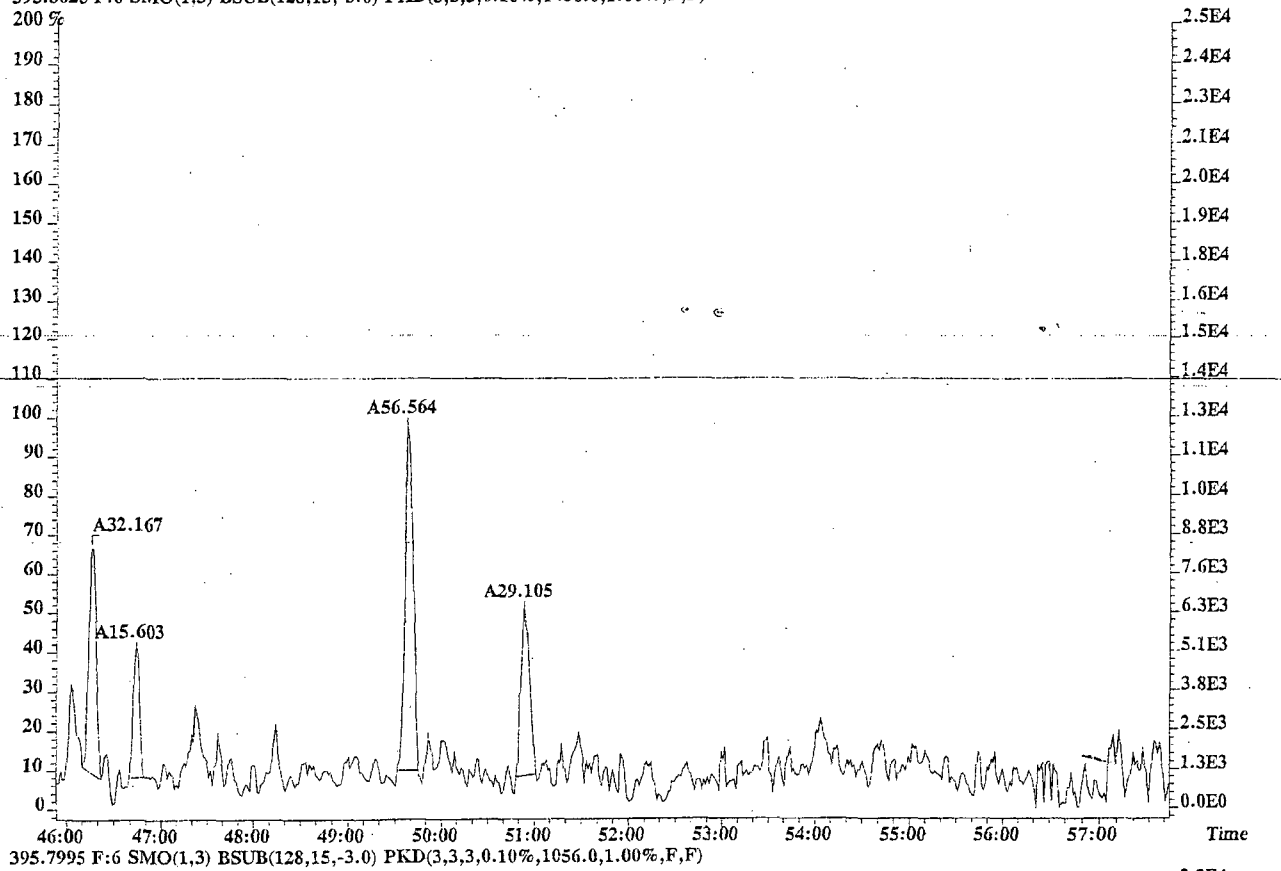
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,696.0,1.00%,F,F)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

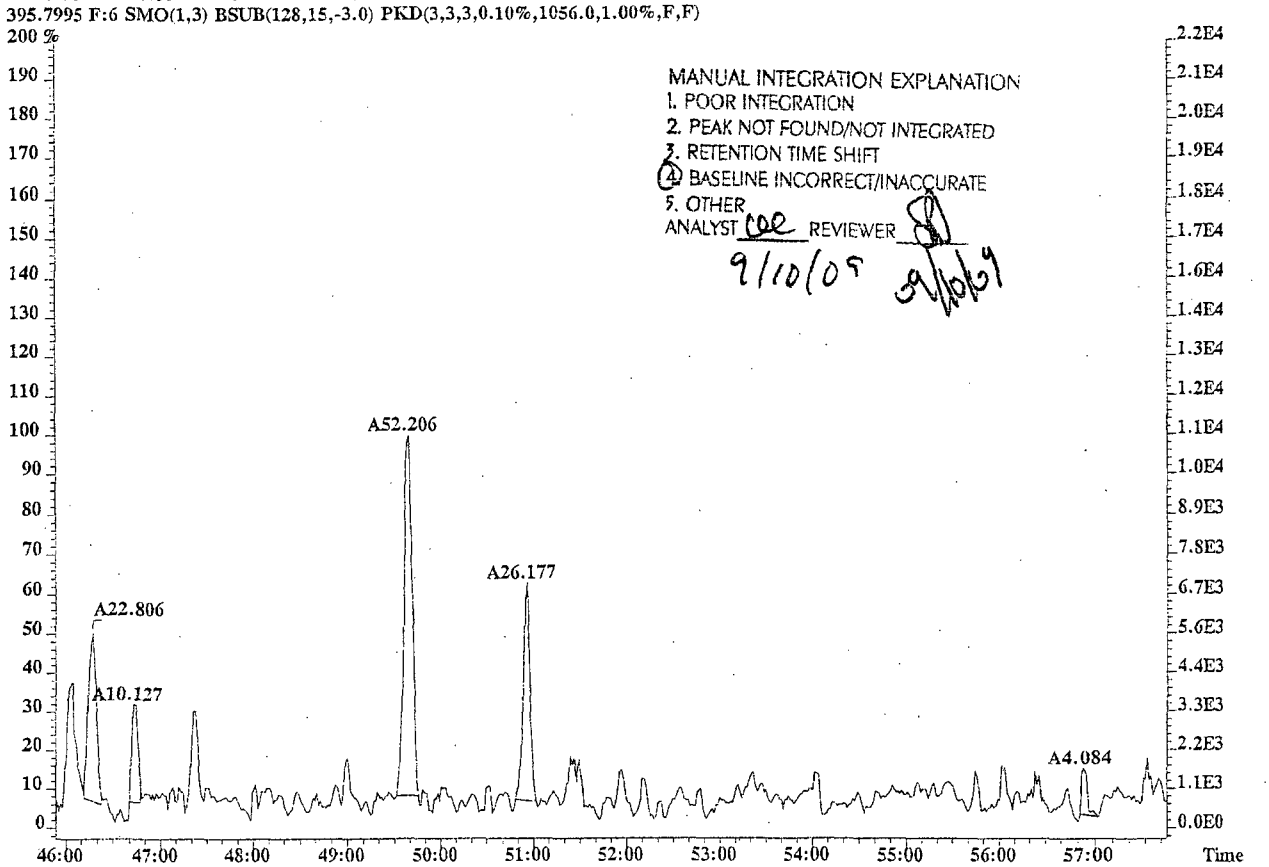


File:U220375 #1-586 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1480.0,1.00%,F,F)

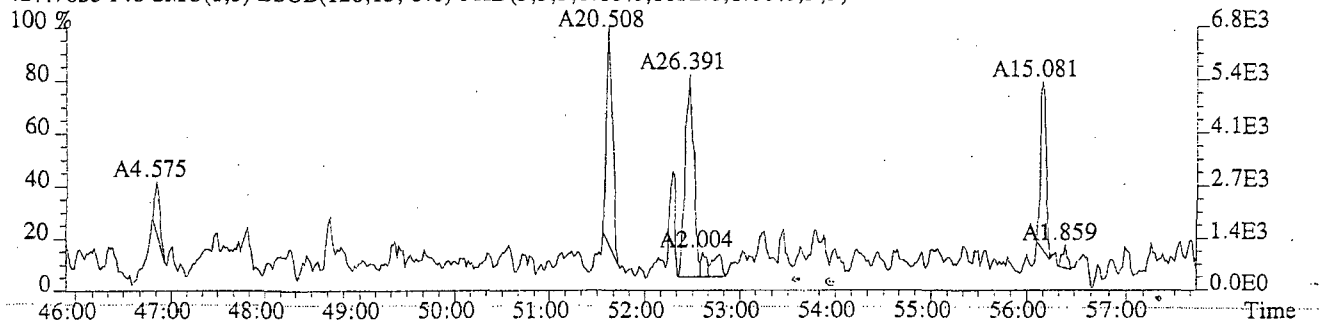


395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,F)

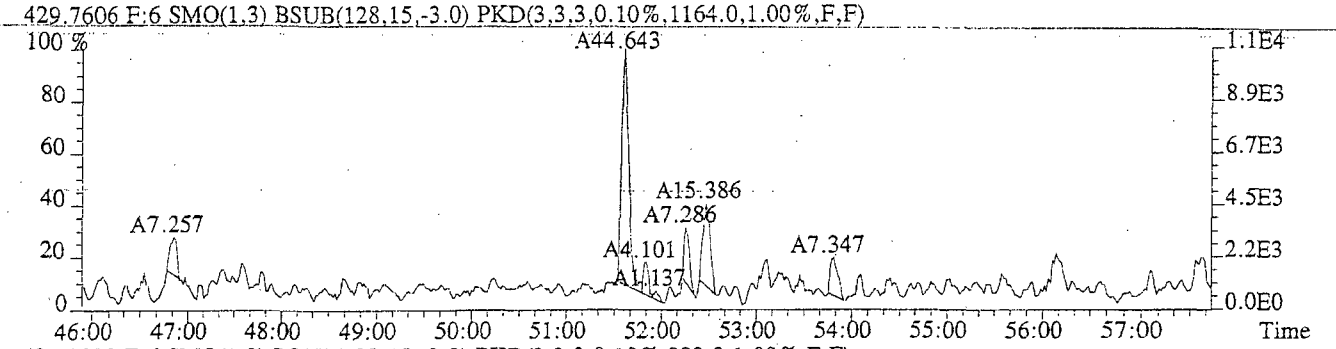
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
(4) BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST lee REVIEWER
9/10/09 9/10/09



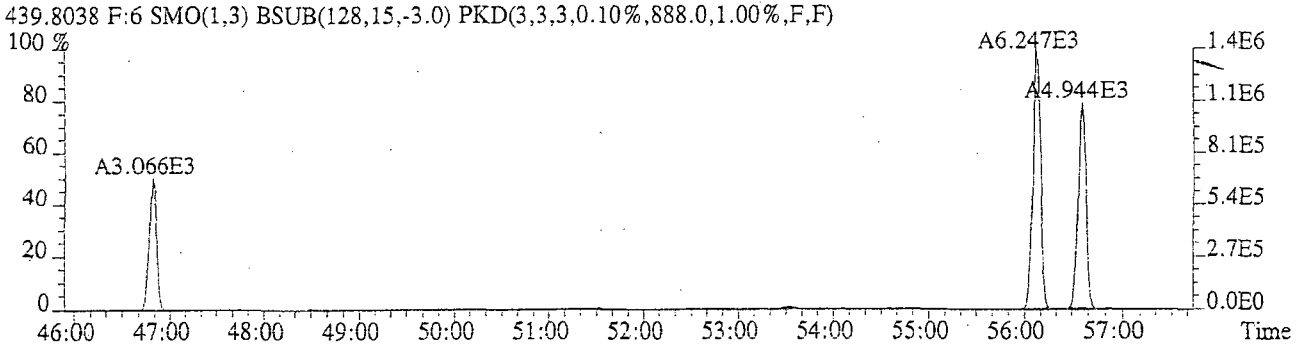
File:U220375 #1-586 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1052.0,1.00%,F,F)



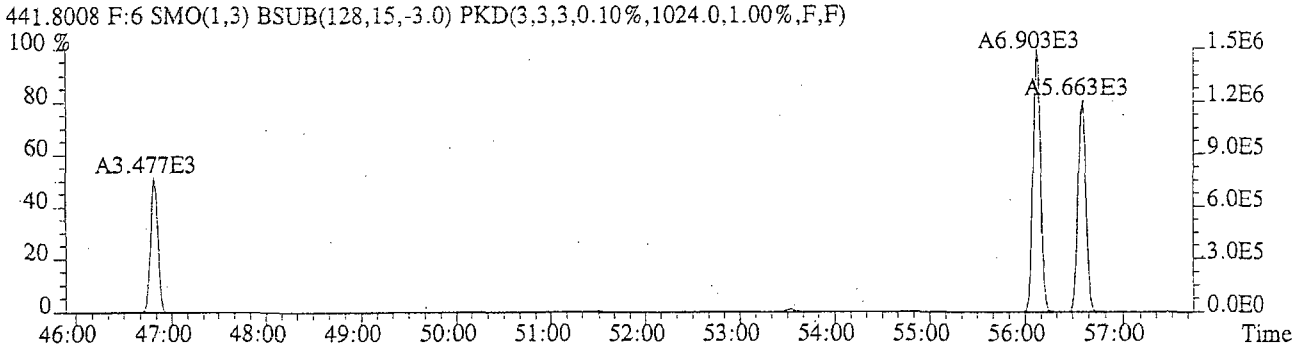
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1164.0,1.00%,F,F)



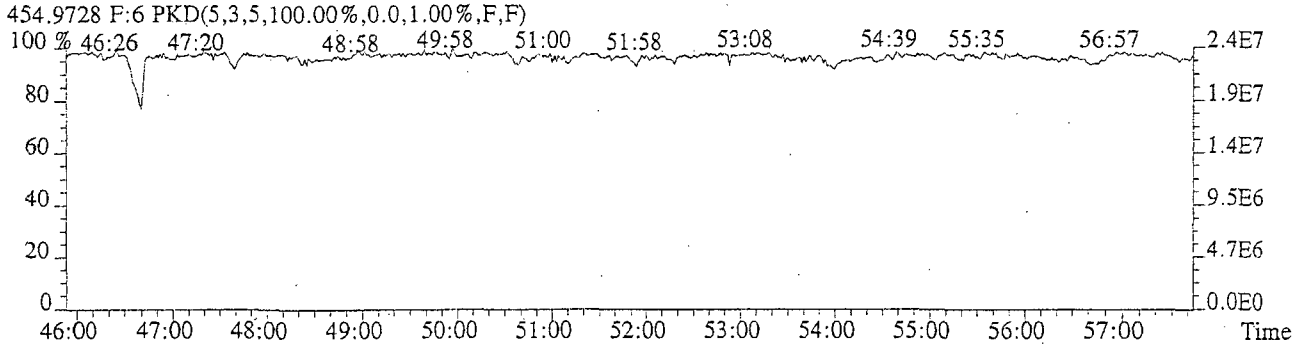
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,888.0,1.00%,F,F)



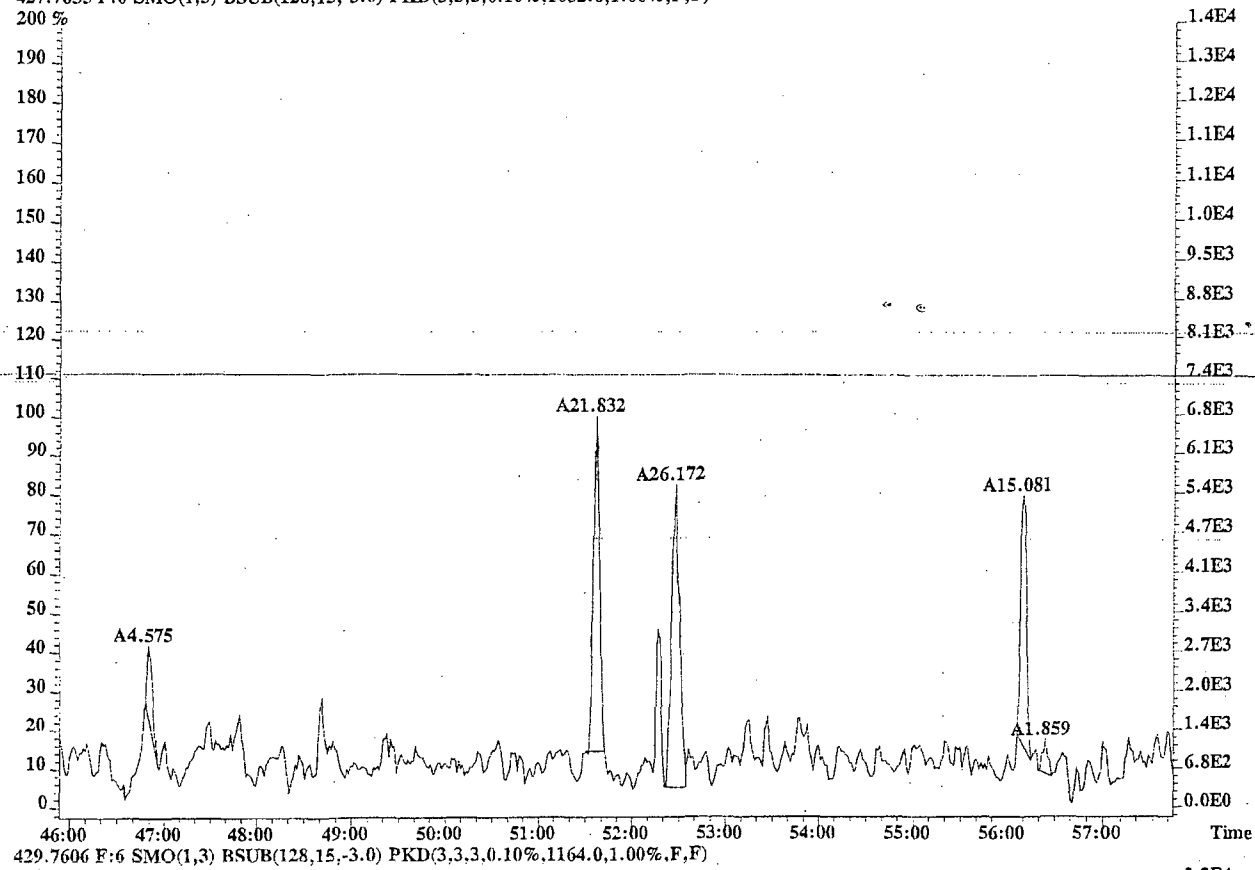
441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1024.0,1.00%,F,F)



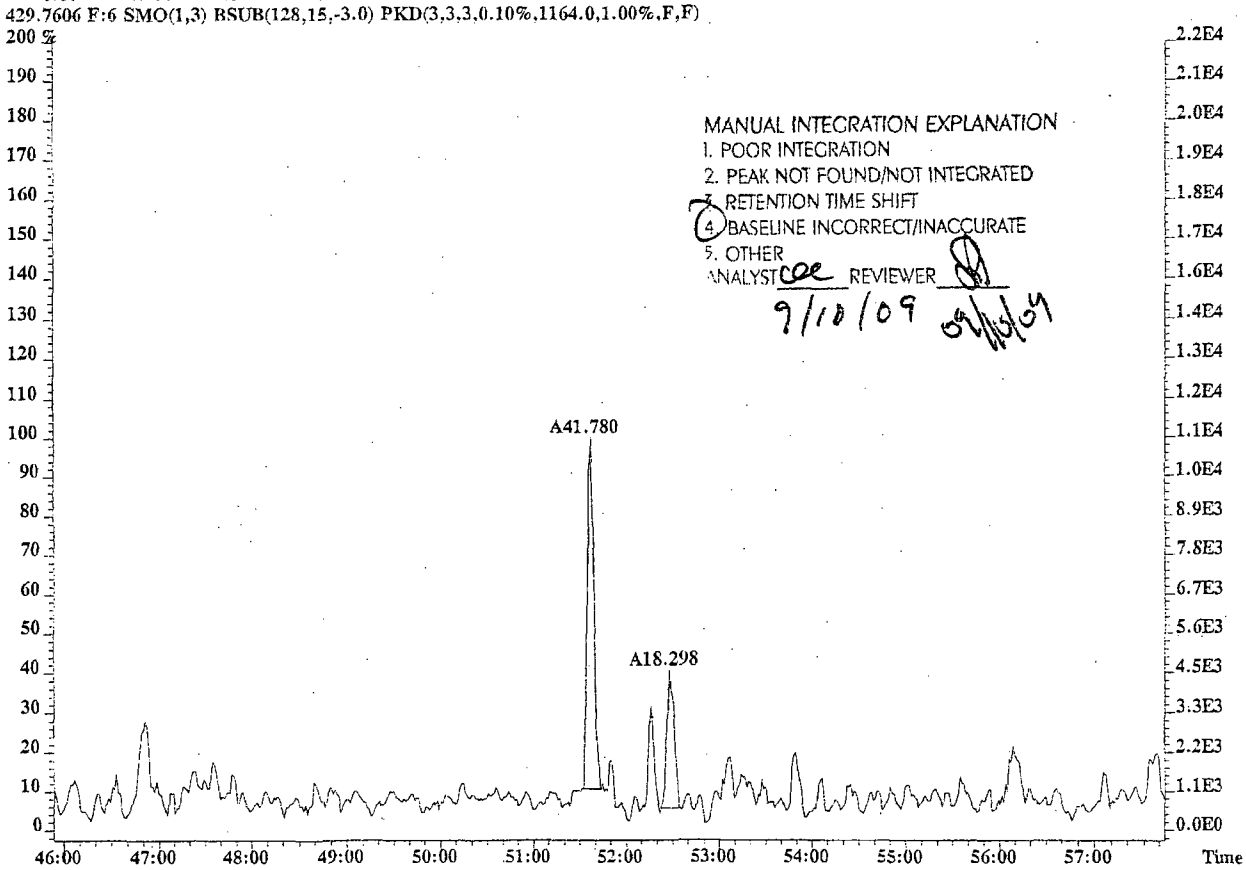
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



File:U220375 #1-586 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1052.0,1.00%,F,F)



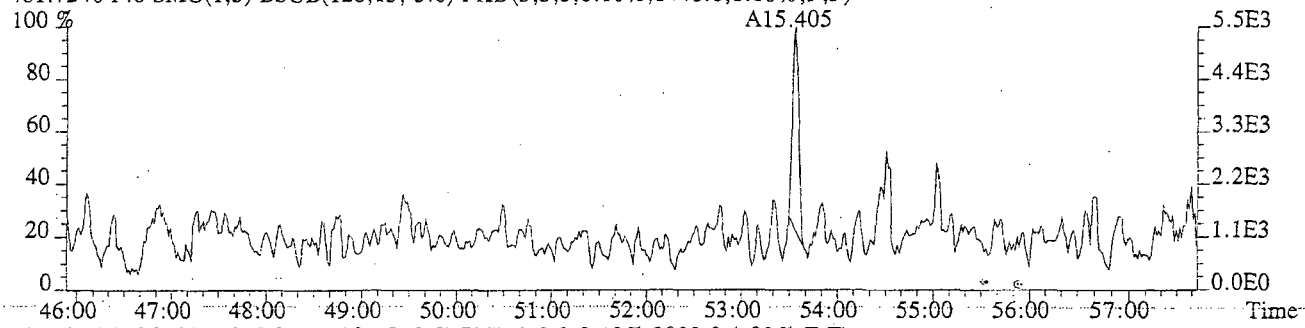
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1164.0,1.00%,F,F)



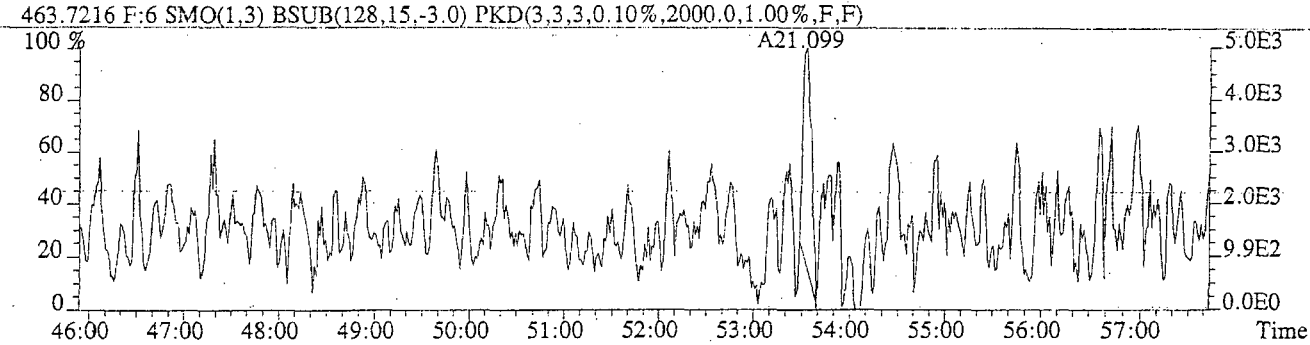
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
(4) BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST cee REVIEWER
9/10/09

File:U220375 #1-586 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB

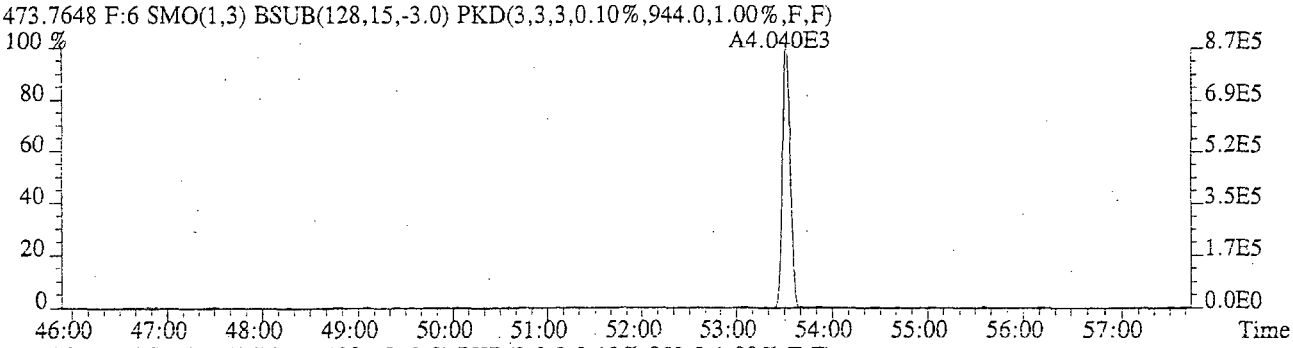
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1448.0,1.00%,F,F)



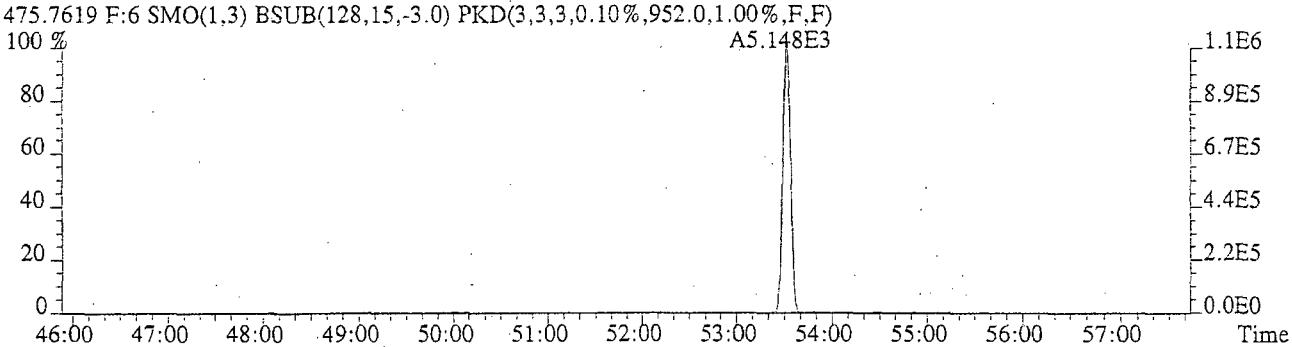
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2000.0,1.00%,F,F)



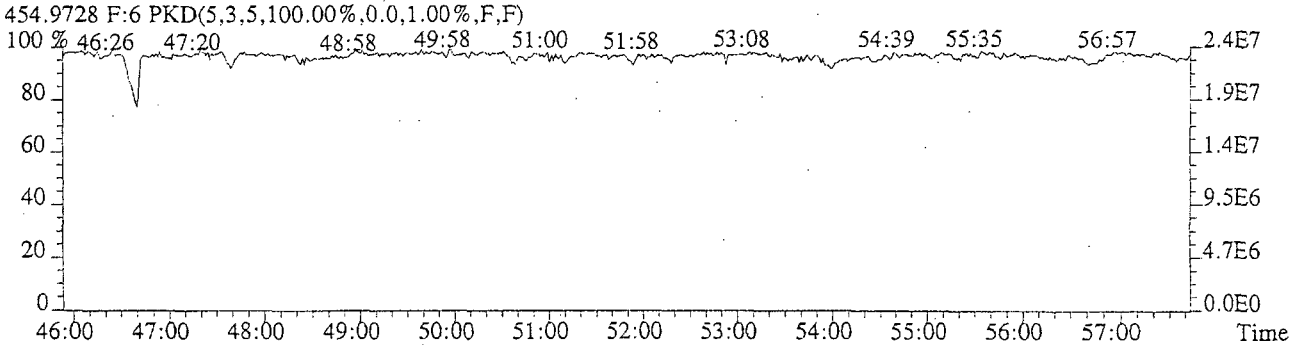
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,944.0,1.00%,F,F)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,952.0,1.00%,F,F)

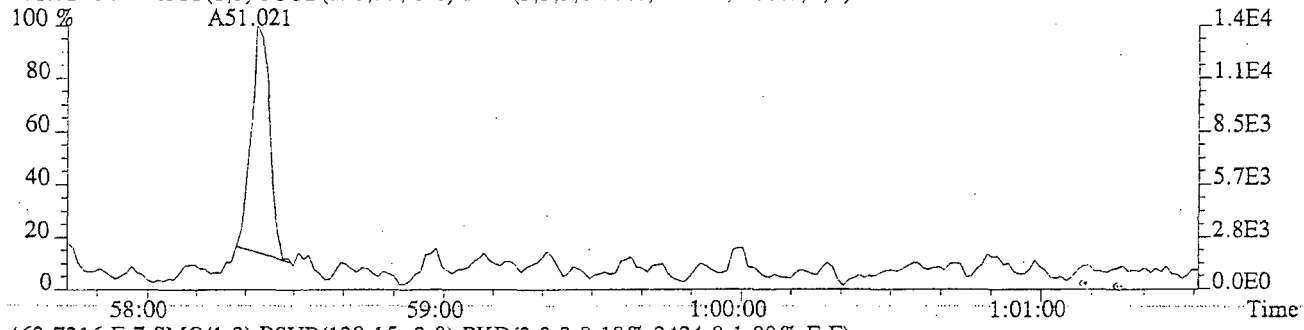


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

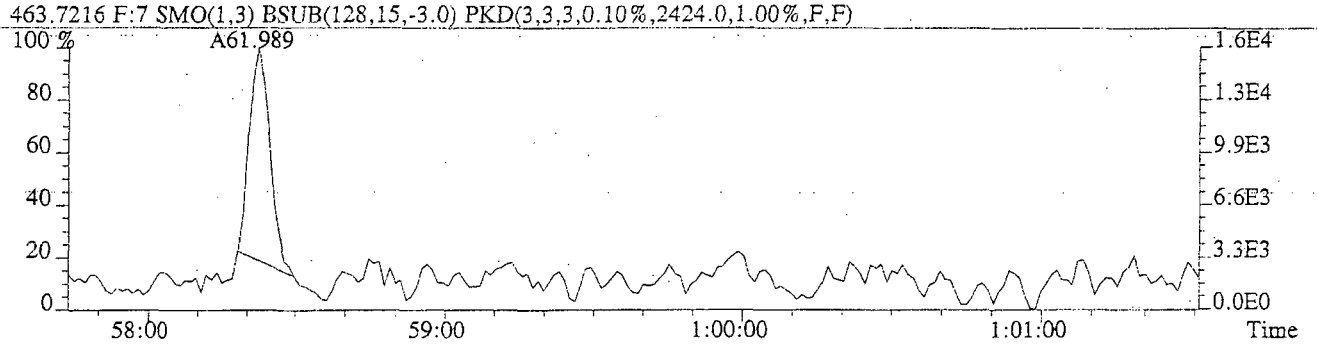


File:U220375 #1-214 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB

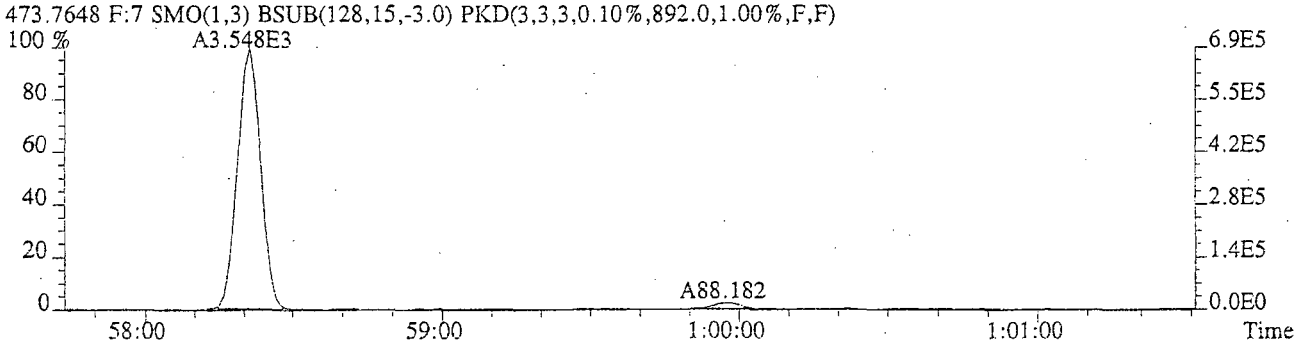
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1320.0,1.00%,F,F)



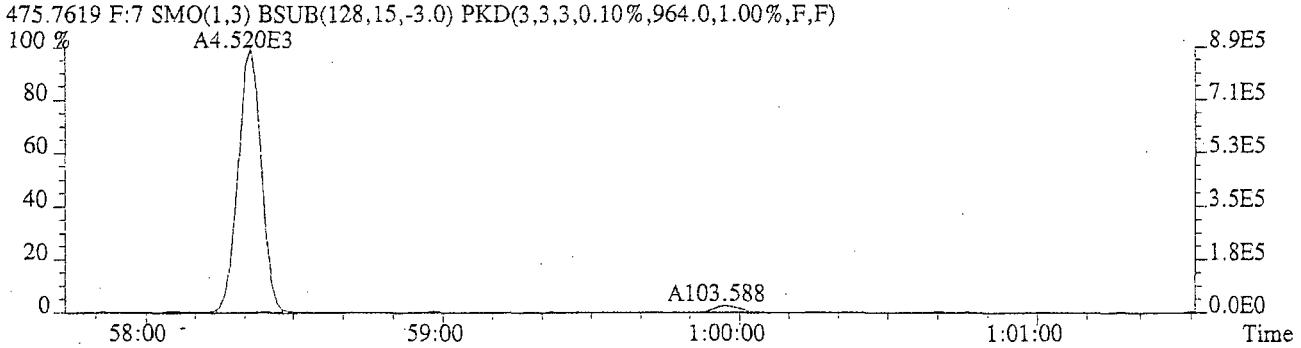
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2424.0,1.00%,F,F)



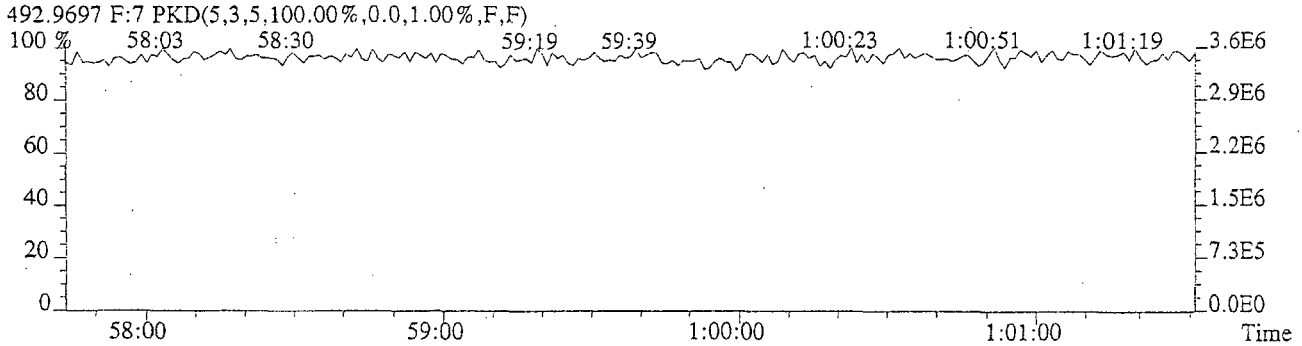
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,892.0,1.00%,F,F)



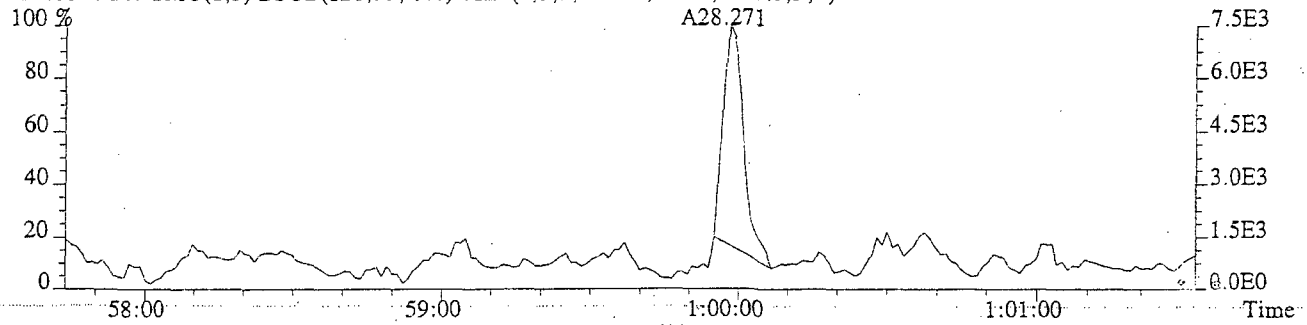
475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,964.0,1.00%,F,F)



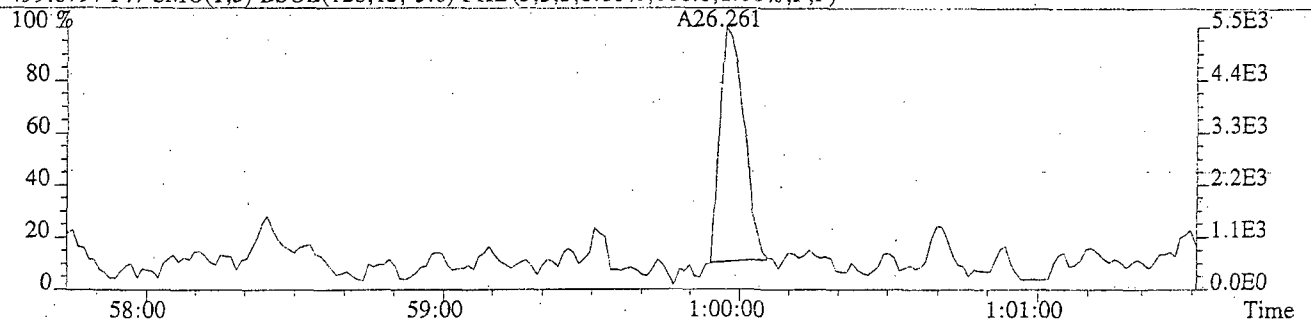
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



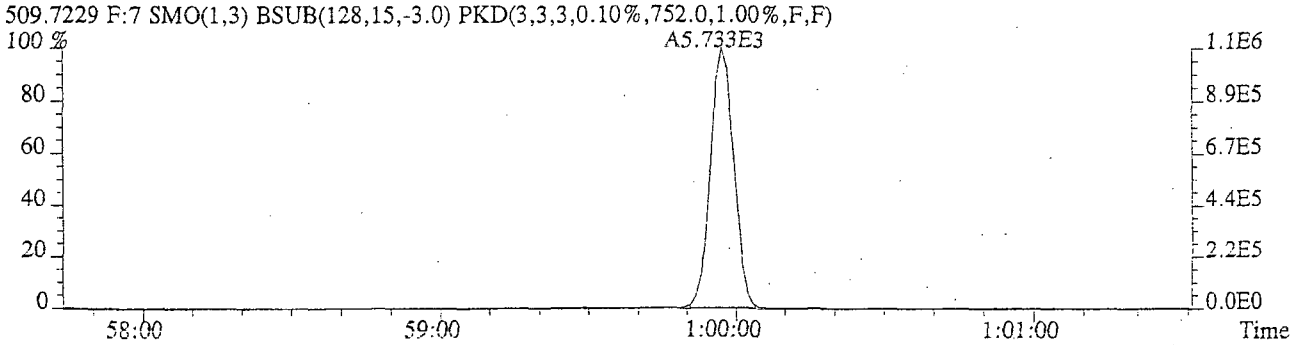
File:U220375 #1-214 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-01 MB
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,908.0,1.00%,F,F)



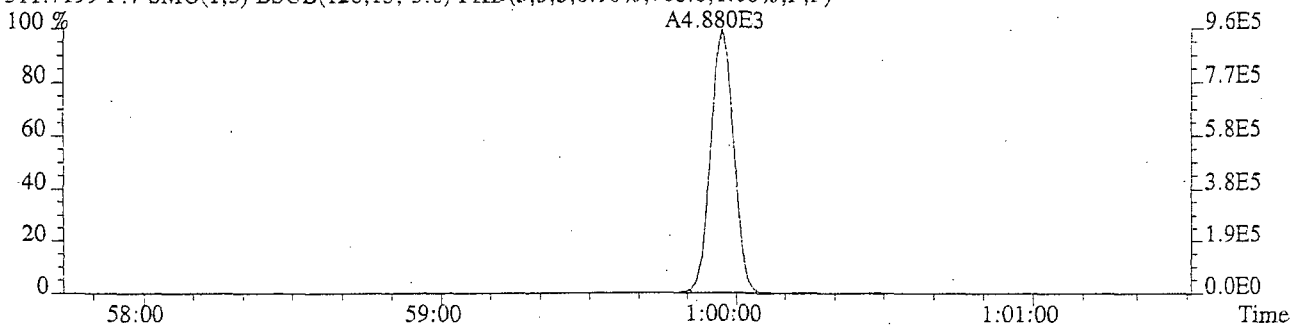
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,688.0,1.00%,F,F)



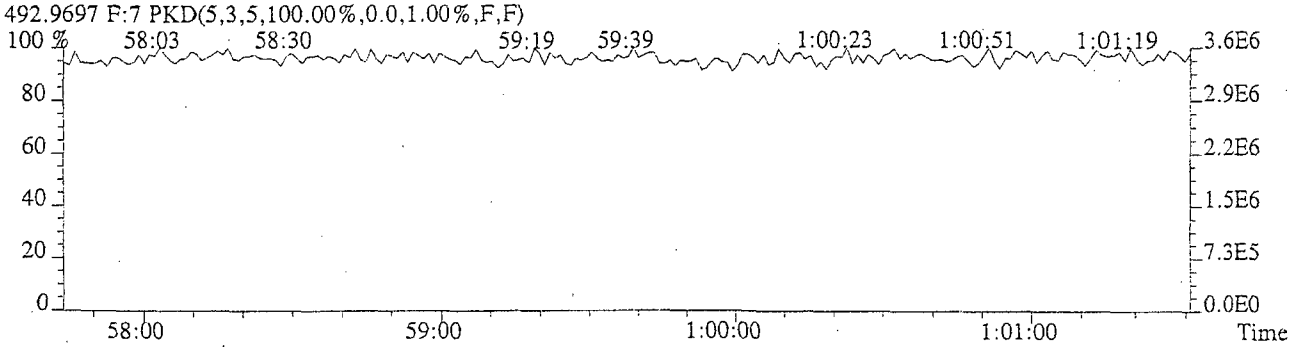
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,752.0,1.00%,F,F)



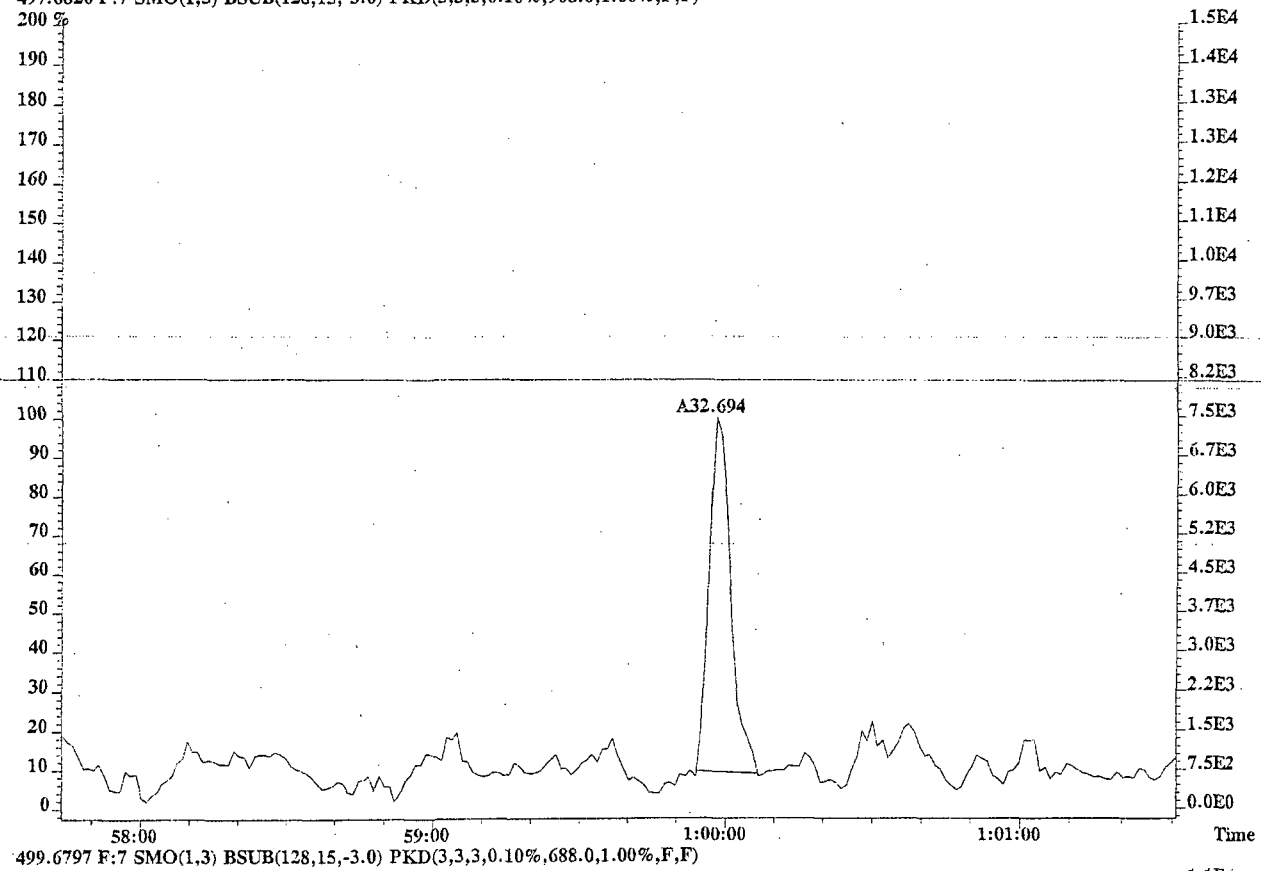
511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,768.0,1.00%,F,F)



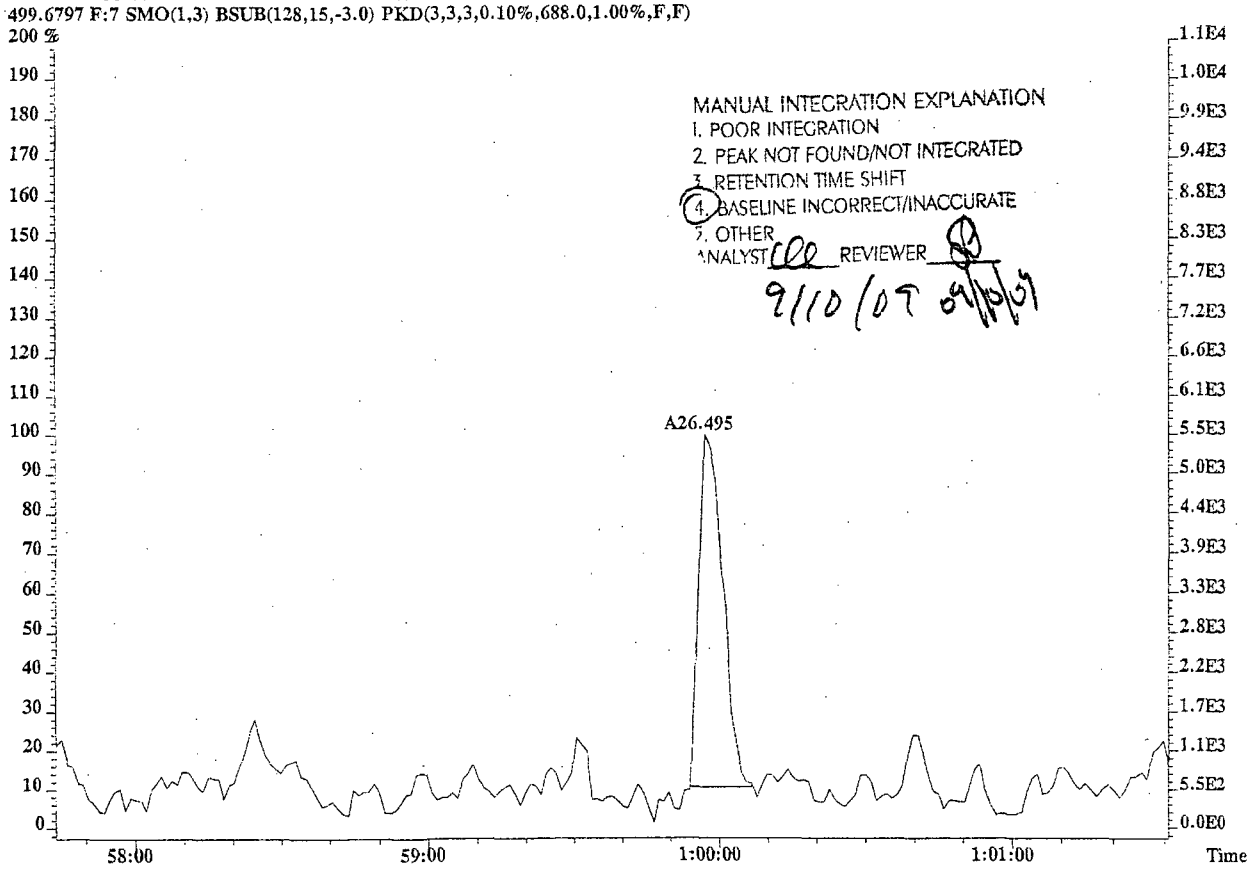
492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



File:U220375 #1-214 Acq: 9-SEP-2009 11:31:51 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900337-01 MB
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,908.0,1.00%,F,F)



499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,688.0,1.00%,F,F)



MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST CC REVIEWER
9/10/09 09/15/09

1A - FORM I CB-1

TOXIC CB CONGENER SAMPLE

DATA SUMMARY

EPA SAMPLE NO.

LCS01

Lab Name: Columbia Analytical Services | Contract: EP09W001490

Lab Code: TX01411 | Case No.: CB002 | TO No. | SDG No.: C0115

Matrix: SOIL (Soil/Water/Ash/Tissue/Oil) | Lab Sample ID: EQ0900323-02

Sample wt/vol: 5.000 (g/ml) g | Lab File ID: U220294

Decanted (Y/N): N | Ext. (Type): SOXH | Date Received:

Concentrated Extract Volume: 20.0 (ul) | Date Extracted: 08/20/2009

Inj. Vol: 1.0 (ul) | Cleanup (type): SILICA | Date Analyzed: 09/02/2009

GC Col.: SPB-OCTYL | ID: 0.25 (mm) | Dilution Factor: 1.0

Concentration Units: (pg/L or ng/Kg) ng/Kg | % Solids/Lipids: 100.0

TARGET ANALYTE	SELECTED IONS	PEAK RT	ION RATIO	CONCENTRATION	Q
PCB 77	290/292	38:41	0.77	211	
PCB 81	290/292	38:07	0.77	197	
PCB 105	326/328	42:14	1.54	257	
PCB 114	326/328	41:36	1.60	198	
PCB 118	326/328	41:03	1.62	327	
PCB 123	326/328	40:43	1.66	196	
PCB 126	326/328	45:21	1.58	186	
PCBs 156 + 157	360/362	48:25	1.24	420	
PCB 167	360/362	47:16	1.14	201	
PCB 169	360/362	51:40	1.16	202	
PCB 189	394/396	54:13	0.97	218	

LABELED CONGENER	SELECTED IONS	PEAK RT	ION RATIO	ION RATIO LIMITS	%REC	%REC LIMITS
PCB 77L	302/304	38:39	0.79	0.65-0.89	73	25 - 150
PCB 81L	302/304	38:06	0.77	0.65-0.89	73	25 - 150
PCB 105L	338/340	42:14	1.49	1.32-1.78	68	25 - 150
PCB 114L	338/340	41:34	1.52	1.32-1.78	63	25 - 150
PCB 118L	338/340	41:02	1.63	1.32-1.78	68	25 - 150
PCB 123L	338/340	40:42	1.51	1.32-1.78	69	25 - 150
PCB 126L	338/340	45:20	1.53	1.32-1.78	74	25 - 150
PCBs 156L + 157L	372/374	48:24	1.23	1.05-1.43	63	25 - 150
PCB 167L	372/374	47:13	1.30	1.05-1.43	59	25 - 150
PCB 169L	372/374	51:39	1.23	1.05-1.43	65	25 - 150
PCB 189L	406/408	54:11	1.08	0.89-1.21	63	25 - 150

1A - FORM I CB-1

TOXIC CB CONGENER SAMPLE DATA SUMMARY

EPA SAMPLE NO.: LCS02

Lab Name: Columbia Analytical Services | Contract: EP09W001490

Lab Code: TX01411 | Case No.: CB002 | TO No. | SDG No.: C0115

Matrix: WATER (Soil/Water/Ash/Tissue/Oil) | Lab Sample ID: EQ0900337-02

Sample wt/vol: 1000 (g/ml) mL | Lab File ID: U220371

Decanted (Y/N): Y | Ext. (Type): SEPF | Date Received:

Concentrated Extract Volume: 20.0 (ul) | Date Extracted: 08/25/2009

Inj. Vol: 1.0 (ul) | Cleanup (type): SILICA | Date Analyzed: 09/09/2009

GC Col.: SPB-OCTYL | ID: 0.25 (mm) | Dilution Factor: 1.0

Concentration Units: (pg/L or ng/Kg) pg/L | % Solids/Lipids:

TARGET ANALYTE	SELECTED IONS	PEAK RT	ION RATIO	CONCENTRATION	Q
PCB 77	290/292	38:33	0.70	1110	
PCB 81	290/292	37:59	0.75	1060	
PCB 105	326/328	42:06	1.56	1200	
PCB 114	326/328	41:26	1.59	1060	
PCB 118	326/328	40:54	1.56	1250	
PCB 123	326/328	40:34	1.52	1040	
PCB 126	326/328	45:14	1.62	1020	
PCBs 156 + 157	360/362	48:16	1.18	2100	
PCB 167	360/362	47:06	1.10	1010	
PCB 169	360/362	51:31	1.19	1100	
PCB 189	394/396	54:03	0.93	1100	

LABELED CONGENER	SELECTED IONS	PEAK RT	ION RATIO	ION RATIO LIMITS	%REC	%REC LIMITS
PCB 77L	302/304	38:32	0.79	0.65-0.89	29	25 - 150
PCB 81L	302/304	37:57	0.79	0.65-0.89	28	25 - 150
PCB 105L	338/340	42:05	1.50	1.32-1.78	27	25 - 150
PCB 114L	338/340	41:25	1.52	1.32-1.78	24	25 - 150
PCB 118L	338/340	40:53	1.52	1.32-1.78	26	25 - 150
PCB 123L	338/340	40:32	1.51	1.32-1.78	25	25 - 150
PCB 126L	338/340	45:12	1.48	1.32-1.78	32	25 - 150
PCBs 156L + 157L	372/374	48:15	1.21	1.05-1.43	28	25 - 150
PCB 167L	372/374	47:04	1.26	1.05-1.43	26	25 - 150
PCB 169L	372/374	51:30	1.31	1.05-1.43	30	25 - 150
PCB 189L	406/408	54:01	1.05	0.89-1.21	30	[illegible] - 150

C0119 EH

Not related

30-140%

1A - FORM I CB-1

TOXIC CB CONGENER SAMPLE DATA SUMMARY

EPA SAMPLE NO.

DLCS01

Lab Name: Columbia Analytical Services | Contract: EP09W001490

Lab Code: TX01411 | Case No.: CB002 | TO No. | SDG No.: C0115

Matrix: SOIL (Soil/Water/Ash/Tissue/Oil) | Lab Sample ID: EQ0900323-03

Sample wt/vol: 5.000 (g/ml) g | Lab File ID: U220291

Decanted (Y/N): N | Ext. (Type): SOXH | Date Received:

Concentrated Extract Volume: 20.0 (ul) | Date Extracted: 08/20/2009

Inj. Vol: 1.0 (ul) | Cleanup (type): SILICA | Date Analyzed: 09/02/2009

GC Col.: SPB-OCTYL | ID: 0.25 (mm) | Dilution Factor: 1.0

Concentration Units: (pg/L or ng/Kg) ng/Kg | % Solids/Lipids: 100.0

TARGET ANALYTE	SELECTED IONS	PEAK RT	ION RATIO	CONCENTRATION	Q
PCB 77	290/292	38:41	0.76	212	
PCB 81	290/292	38:08	0.81	189	
PCB 105	326/328	42:15	1.58	296	
PCB 114	326/328	41:36	1.49	199	
PCB 118	326/328	41:04	1.52	422	
PCB 123	326/328	40:43	1.48	205	
PCB 126	326/328	45:22	1.51	180	
PCBs 156 + 157	360/362	48:26	1.22	432	
PCB 167	360/362	47:17	1.15	201	
PCB 169	360/362	51:41	1.24	195	
PCB 189	394/396	54:14	0.98	207	

LABELED CONGENER	SELECTED IONS	PEAK RT	ION RATIO	ION RATIO LIMITS	%REC	%REC LIMITS
PCB 77L	302/304	38:40	0.80	0.65-0.89	79	25 - 150
PCB 81L	302/304	38:06	0.77	0.65-0.89	76	25 - 150
PCB 105L	338/340	42:14	1.57	1.32-1.78	70	25 - 150
PCB 114L	338/340	41:35	1.53	1.32-1.78	65	25 - 150
PCB 118L	338/340	41:02	1.54	1.32-1.78	68	25 - 150
PCB 123L	338/340	40:42	1.57	1.32-1.78	68	25 - 150
PCB 126L	338/340	45:21	1.56	1.32-1.78	75	25 - 150
PCBs 156L + 157L	372/374	48:25	1.26	1.05-1.43	66	25 - 150
PCB 167L	372/374	47:15	1.27	1.05-1.43	63	25 - 150
PCB 169L	372/374	51:40	1.20	1.05-1.43	68	25 - 150
PCB 189L	406/408	54:13	1.04	0.89-1.21	66	25 - 150

1B - FORM I CB-2

TOXIC CB CONGENER TOXICITY EQUIVALENCE SUMMARY

EPA SAMPLE NO.: LCS01

Lab Name: Columbia Analytical Services | Contract: EP09W001490

Lab Code: TX01411 | Case No.: CB002 | TO No.: | SDG No.: C0115

Matrix: SOIL (Soil/Water/Ash/Tissue/Oil) | Lab Sample ID: EQ0900323-02

Sample wt/vol: 5.000 (g/ml) g | Lab File ID: U220294

Decanted (Y/N): N | Ext. (Type): SOXH | Date Received:

Concentrated Extract Volume: 20.0 (ul) | Date Extracted: 08/20/2009

Inj. Vol: 1.0 (ul) | Cleanup (type): SILICA | Date Analyzed: 09/02/2009

GC Col.: SPB-Octyl | ID: 0.25 (mm) | Dilution Factor: 1.0

Concentration Units: (pg/L or ng/Kg) ng/Kg | % Solids/Lipids: 100.0

TARGET ANALYTE	CONCENTRATION	TEF	TEF-ADJUSTED CONCENTRATION
PCB 77	211	x 0.0001 =	2.11E-01
PCB 81	197	x 0.0003 =	5.91E-01
PCB 105	257	x 0.00003 =	7.71E-03
PCB 114	198	x 0.00003 =	5.94E-03
PCB 118	327	x 0.00003 =	9.81E-03
PCB 123	196	x 0.00003 =	5.88E-03
PCB 126	186	x 0.1 =	1.86E+01
PCBs 156 + 157	420	x 0.00003 =	1.26E-02
PCB 167	201	x 0.00003 =	6.03E-03
PCB 169	202	x 0.03 =	6.06E+00
PCB 189	218	x 0.00003 =	6.54E-03
		Total TEF =	2.55E+01

*TEF - WHO-2005 ("The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds", M. Van den Berg et al., Toxicological Sciences 93(2):223-241, 2006)

1B - FORM I CB-2

TOXIC CB CONGENER TOXICITY EQUIVALENCE SUMMARY

EPA SAMPLE NO.: LCS02

Lab Name: Columbia Analytical Services | Contract: EP09W001490

Lab Code: TX01411 | Case No.: CB002 | TO No.: | SDG No.: C0115

Matrix: WATER (Soil/Water/Ash/Tissue/Oil) | Lab Sample ID: EQ0900337-02

Sample wt/vol: 1000 (g/ml) mL | Lab File ID: U220371

Decanted (Y/N): Y | Ext. (Type): SEPF | Date Received:

Concentrated Extract Volume: 20.0 (ul) | Date Extracted: 08/25/2009

Inj. Vol: 1.0 (ul) | Cleanup (type): SILICA | Date Analyzed: 09/09/2009

GC Col.: SPB-Octyl | ID: 0.25 (mm) | Dilution Factor: 1.0

Concentration Units: (pg/L or ng/Kg) pg/L | % Solids/Lipids: 0.0

TARGET ANALYTE	CONCENTRATION	TEF	TEF-ADJUSTED CONCENTRATION
PCB 77	1110	x 0.0001 =	1.11E+00
PCB 81	1060	x 0.0003 =	3.18E+00
PCB 105	1200	x 0.00003 =	3.60E-02
PCB 114	1060	x 0.00003 =	3.18E-02
PCB 118	1250	x 0.00003 =	3.75E-02
PCB 123	1040	x 0.00003 =	3.12E-02
PCB 126	1020	x 0.1 =	1.02E+02
PCBs 156 + 157	2100	x 0.00003 =	6.30E-02
PCB 167	1010	x 0.00003 =	3.03E-02
PCB 169	1100	x 0.03 =	3.30E+01
PCB 189	1100	x 0.00003 =	3.30E-02
		Total TEF =	1.40E+02

*TEF - WHO-2005 ("The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds", M. Van den Berg et al., Toxicological Sciences 93(2):223-241, 2006)

1B - FORM I CB-2

TOXIC CB CONGENER TOXICITY EQUIVALENCE SUMMARY

EPA SAMPLE NO.

DLCS01

Lab Name:	Columbia Analytical Services	Contract:	EP09W001490
Lab Code:	TX01411 Case No.: CB002	TO No.	SDG No.: C0115
Matrix:	SOIL (Soil/Water/Ash/Tissue/Oil)	Lab Sample ID:	EQ0900323-03
Sample wt/vol:	5.000 (g/ml) g	Lab File ID:	U220291
Decanted (Y/N):	N Ext. (Type): SOXH	Date Received:	
Concentrated Extract Volume:	20.0 (ul)	Date Extracted:	08/20/2009
Inj. Vol:	1.0 (ul) Cleanup (type): SILICA	Date Analyzed:	09/02/2009
GC Col.:	SPB-Octyl ID: 0.25 (mm)	Dilution Factor:	1.0
Concentration Units: (pg/L or ng/Kg)	ng/Kg	% Solids/Lipids:	100.0

TARGET ANALYTE	CONCENTRATION	TEF	TEF-ADJUSTED CONCENTRATION
PCB 77	212	x 0.0001 =	2.12E-01
PCB 81	189	x 0.0003 =	5.67E-01
PCB 105	296	x 0.00003 =	8.88E-03
PCB 114	199	x 0.00003 =	5.97E-03
PCB 118	422	x 0.00003 =	1.27E-02
PCB 123	205	x 0.00003 =	6.15E-03
PCB 126	180	x 0.1 =	1.80E+01
PCBs 156 + 157	432	x 0.00003 =	1.30E-02
PCB 167	201	x 0.00003 =	6.03E-03
PCB 169	195	x 0.03 =	5.85E+00
PCB 189	207	x 0.00003 =	6.21E-03
		Total TEF =	2.47E+01

*TEF - WHO-2005 ("The 2005 World Health Organization Reevaluation of Human and Mammalian Toxic Equivalency Factors for Dioxins and Dioxin-Like Compounds", M. Van den Berg et al., Toxicological Sciences 93(2):223-241, 2006)

Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
LCS

Run #10 Filename U220294 #1 Samp: 1 Inj: 1 Acquired: 2-SEP-09 15:49:07
Processed: 3-SEP-09 15:57:03 LAB. ID: EQ0900323-02

	Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT
1	1	2-MoCB	14:31	3.326e+03	1.130e+03	2.94	yes	no	1.001
2	3	4-MoCB	17:03	3.596e+03	1.123e+03	3.20	yes	no	1.001
3	4	22'-DiCB	17:20	1.727e+03	1.223e+03	1.41	yes	yes	1.001
4	15	44'-DiCB	23:48	2.516e+03	1.651e+03	1.52	yes	no	1.001
5	19	22'6'-TrCB	20:50	1.058e+03	1.050e+03	1.01	yes	no	1.001
6	37	344'-TrCB	31:11	2.403e+03	2.554e+03	0.94	yes	no	1.001
7	54	22'66'-TeCB	24:08	1.190e+03	1.684e+03	0.71	yes	no	1.001
8	81	344'5-TeCB	38:07	1.983e+03	2.592e+03	0.77	yes	no	1.000
9	77	33'44'-TeCB	38:41	2.000e+03	2.601e+03	0.77	yes	no	1.001
10	104	22'466'-PeCB	29:56	2.122e+03	1.291e+03	1.64	yes	no	1.001
11	123	2'344'5-PeCB	40:43	2.733e+03	1.646e+03	1.66	yes	no	1.000
12	118	23'44'5-PeCB	41:03	4.795e+03	2.959e+03	1.62	yes	no	1.000
13	114	2344'5-PeCB	41:36	2.605e+03	1.633e+03	1.60	yes	no	1.001
14	105	233'44'-PeCB	42:14	3.451e+03	2.239e+03	1.54	yes	no	1.000
15	126	33'44'5-PeCB	45:21	2.455e+03	1.557e+03	1.58	yes	no	1.000
16	155	22'44'66'-HxCB	35:47	2.051e+03	1.855e+03	1.11	yes	no	1.001
17	167	23'44'55'-HxCB	47:16	1.752e+03	1.537e+03	1.14	yes	no	1.001
18	56/7	233'44'5-HxCB	48:25	3.747e+03	3.026e+03	1.24	yes	no	1.000
19	169	33'44'55'-HxCB	51:40	1.633e+03	1.412e+03	1.16	yes	no	1.000
20	188	22'34'566'-HpCB	41:36	1.872e+03	2.009e+03	0.93	yes	no	1.001
21	189	233'44'55'-HpCB	54:13	1.335e+03	1.375e+03	0.97	yes	no	1.001
22	202	22'33'55'66'-OcCB	47:01	1.213e+03	1.479e+03	0.82	yes	no	1.000
23	205	233'44'55'6-OcCB	56:48	1.225e+03	1.446e+03	0.85	yes	no	1.000
24	208	22'33'4'55'66'-NoCB	53:45	1.246e+03	1.573e+03	0.79	yes	no	1.000
25	206	22'33'44'55'6-NoCB	58:34	1.076e+03	1.501e+03	0.72	yes	no	1.001
26	209	DeCB	1:00:╗	1.617e+03	1.318e+03	1.23	yes	no	1.000
27	1L	13C-2-MoCB	14:30	6.094e+03	1.988e+03	3.07	yes	no	0.739
28	3L	13C-4-MoCB	17:02	6.502e+03	1.942e+03	3.35	yes	no	0.868
29	4L	13C-22'-DiCB	17:19	3.258e+03	2.124e+03	1.53	yes	no	0.882
30	15L	13C-44'-DiCB	23:47	4.944e+03	3.184e+03	1.55	yes	no	1.211
31	19L	13C-22'6'-TrCB	20:49	1.930e+03	1.890e+03	1.02	yes	yes	1.060
32	37L	13C-344'-TrCB	31:09	4.493e+03	4.371e+03	1.03	yes	no	1.078
33	54L	13C-22'66'-TeCB	24:06	2.415e+03	3.184e+03	0.76	yes	no	0.834
34	81L	13C-344'5-TeCB	38:06	3.763e+03	4.870e+03	0.77	yes	no	1.318
35	77L	13C-33'44'-TeCB	38:39	3.761e+03	4.748e+03	0.79	yes	no	1.337
36	104L	13C-22'466'-PeCB	29:54	4.278e+03	2.762e+03	1.55	yes	no	0.831
37	123L	13C-2'344'5-PeCB	40:42	5.111e+03	3.374e+03	1.51	yes	no	1.132
38	118L	13C-23'44'5-PeCB	41:02	5.278e+03	3.243e+03	1.63	yes	no	1.141
39	114L	13C-2344'5-PeCB	41:34	4.846e+03	3.195e+03	1.52	yes	no	1.156
40	105L	13C-233'44'-PeCB	42:14	4.902e+03	3.280e+03	1.49	yes	no	1.174
41	126L	13C-33'44'5-PeCB	45:20	5.064e+03	3.313e+03	1.53	yes	no	1.260
42	155L	13C-22'44'66'-HxCB	35:45	4.513e+03	3.648e+03	1.24	yes	no	0.809
43	167L	13C-23'44'55'-HxCB	47:13	3.582e+03	2.756e+03	1.30	yes	no	1.068
44	56/7L	13C-233'44'5'-HxCB	48:24	6.920e+03	5.606e+03	1.23	yes	no	1.095
45	169L	13C-33'44'55'-HxCB	51:39	3.273e+03	2.658e+03	1.23	yes	no	1.169
46	188L	13C-22'34'566'-HpCB	41:34	4.178e+03	3.971e+03	1.05	yes	no	0.739
47	189La	13C-233'44'55'-HpCB	54:11	2.968e+03	2.745e+03	1.08	yes	no	0.963
48	202La	13C-22'33'55'66'-OcCB	47:00	2.818e+03	3.043e+03	0.93	yes	no	0.835
49	205L,	13C-233'44'55'6-OcCB	56:47	2.762e+03	3.012e+03	0.92	yes	no	1.009
50	208L	713C-22'33'4'55'66'-NoCB	53:44	2.409e+03	3.203e+03	0.75	yes	no	0.955
51	206L	13C-22'33'44'55'6-NoCB	58:32	1.954e+03	2.449e+03	0.80	yes	no	1.040
52	209L	13C-DeCB	1:00:╗	3.193e+03	2.711e+03	1.18	yes	no	1.069

53 28L	13C-244'-TrCB	26:59	4.335e+03	3.927e+03	1.10	yes	no	0.934
54111L	13C-233'55'-PeCB	38:43	4.812e+03	3.162e+03	1.52	yes	no	1.076
55178L	13C-22'33'55'6-HpCB	44:38	2.810e+03	2.774e+03	1.01	yes	no	1.010
56 9L	13C-2,5-DiCB	19:38	9.284e+03	6.045e+03	1.54	yes	no	*
57 52L	13C-22'55'-TeCB	28:54	4.544e+03	5.954e+03	0.76	yes	no	*
58101L	13C-22'4'55'-PeCB	35:58	6.179e+03	3.946e+03	1.57	yes	no	*
59138L	13C-22'3'44'5'-HxCB	44:12	6.036e+03	4.878e+03	1.24	yes	no	*
60194L	13C-22'33'44'55'-OcCB	56:17	3.057e+03	3.282e+03	0.93	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
LCS

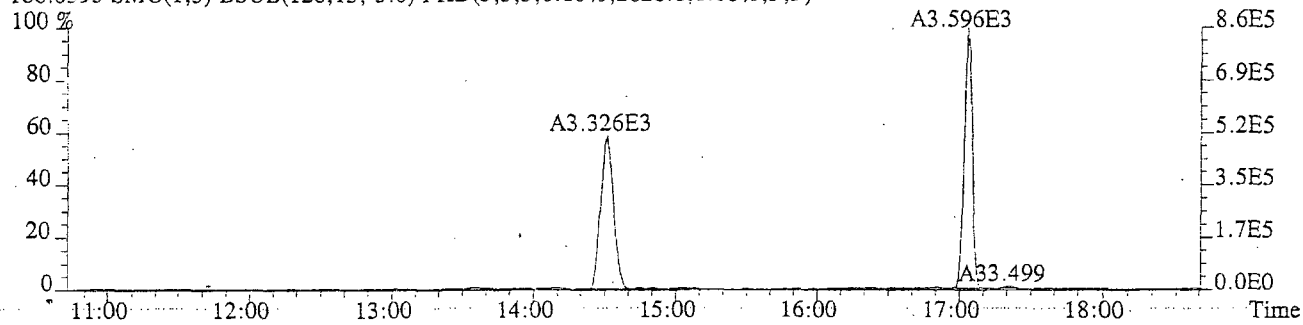
Run #10 Filename U220294 Samp: 1 Inj: 1 Acquired: 2-SEP-09 15:49:07
Processed: 3-SEP-09 15:57:031 LAB. ID: EQ0900323-02

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	5.06e+05	2.83e+03	1.8e+02	1.69e+05	4.96e+03	3.4e+01
2	4-MoCB	8.61e+05	2.83e+03	3.0e+02	2.71e+05	4.96e+03	5.5e+01
3	22'-DiCB	3.33e+05	6.49e+03	5.1e+01	2.17e+05	7.68e+04	2.8e+00
4	44'-DiCB	6.02e+05	5.72e+03	1.1e+02	3.98e+05	8.93e+04	4.5e+00
5	22'6'-TrCB	2.64e+05	7.34e+03	3.6e+01	2.56e+05	7.34e+03	3.5e+01
6	344'-TrCB	4.71e+05	6.94e+03	6.8e+01	4.77e+05	3.64e+03	1.3e+02
7	22'66'-TeCB	2.74e+05	6.08e+03	4.5e+01	3.90e+05	5.75e+03	6.8e+01
8	344'5-TeCB	3.70e+05	2.32e+03	1.6e+02	4.72e+05	3.05e+03	1.5e+02
9	33'44'-TeCB	3.71e+05	2.32e+03	1.6e+02	4.73e+05	3.05e+03	1.6e+02
10	22'466'-PeCB	4.18e+05	9.15e+03	4.6e+01	2.58e+05	6.42e+03	4.0e+01
11	2'344'5-PeCB	5.02e+05	9.72e+03	5.2e+01	3.11e+05	7.83e+03	4.0e+01
12	23'44'5-PeCB	8.72e+05	9.72e+03	9.0e+01	5.42e+05	7.83e+03	6.9e+01
13	2344'5-PeCB	4.90e+05	9.72e+03	5.0e+01	3.15e+05	7.83e+03	4.0e+01
14	233'44'-PeCB	6.31e+05	9.72e+03	6.5e+01	4.04e+05	7.83e+03	5.2e+01
15	33'44'5-PeCB	4.46e+05	9.72e+03	4.6e+01	2.89e+05	7.83e+03	3.7e+01
16	22'44'66'-HxCB	3.74e+05	4.85e+03	7.7e+01	3.48e+05	4.51e+03	7.7e+01
17	23'44'55'-HxCB	3.88e+05	6.87e+03	5.6e+01	3.43e+05	6.01e+03	5.7e+01
18	233'44'5-HxCB	6.41e+05	6.87e+03	9.3e+01	5.24e+05	6.01e+03	8.7e+01
19	33'44'55'-HxCB	3.54e+05	6.87e+03	5.2e+01	3.09e+05	6.01e+03	5.1e+01
20	22'34'566'-HpCB	3.47e+05	2.73e+03	1.3e+02	3.74e+05	1.76e+03	2.1e+02
21	233'44'55'-HpCB	2.93e+05	1.46e+03	2.0e+02	2.99e+05	1.86e+03	1.6e+02
22	22'33'55'66'-OcCB	2.66e+05	1.19e+03	2.2e+02	3.32e+05	1.44e+03	2.3e+02
23	233'44'55'6-OcCB	2.71e+05	1.19e+03	2.3e+02	3.20e+05	1.44e+03	2.2e+02
24	22'33'4'55'66'-NoCB	2.66e+05	1.26e+03	2.1e+02	3.46e+05	1.50e+03	2.3e+02
25	22'33'44'55'6-NoCB	2.11e+05	9.76e+02	2.2e+02	2.99e+05	2.54e+03	1.2e+02
26	DeCB	3.22e+05	8.72e+02	3.7e+02	2.61e+05	8.08e+02	3.2e+02
27	13C-2-MoCB	9.05e+05	3.58e+03	2.5e+02	2.94e+05	2.74e+04	1.1e+01
28	13C-4-MoCB	1.55e+06	3.58e+03	4.3e+02	4.82e+05	2.74e+04	1.8e+01
29	13C-22'-DiCB	6.45e+05	4.42e+03	1.5e+02	4.22e+05	4.72e+03	8.9e+01
30	13C-44'-DiCB	1.15e+06	7.64e+03	1.5e+02	7.39e+05	7.00e+03	1.1e+02
31	13C-22'6'-TrCB	4.58e+05	1.61e+05	2.8e+00	4.73e+05	1.04e+05	4.6e+00
32	13C-344'-TrCB	8.72e+05	5.74e+04	1.5e+01	8.38e+05	1.73e+04	4.9e+01
33	13C-22'66'-TeCB	5.49e+05	9.99e+03	5.5e+01	7.21e+05	5.20e+03	1.4e+02
34	13C-344'5-TeCB	6.84e+05	3.58e+03	1.9e+02	8.96e+05	2.38e+03	3.8e+02
35	13C-33'44'-TeCB	6.57e+05	3.58e+03	1.8e+02	8.51e+05	2.38e+03	3.6e+02
36	13C-22'466'-PeCB	8.30e+05	2.04e+03	4.1e+02	5.38e+05	1.90e+03	2.8e+02
37	13C-2'344'5-PeCB	9.21e+05	2.17e+03	4.2e+02	6.02e+05	1.65e+03	3.7e+02
38	13C-23'44'5-PeCB	9.85e+05	2.17e+03	4.5e+02	6.00e+05	1.65e+03	3.6e+02
39	13C-2344'5-PeCB	8.87e+05	2.17e+03	4.1e+02	5.80e+05	1.65e+03	3.5e+02
40	13C-233'44'-PeCB	8.88e+05	2.17e+03	4.1e+02	5.92e+05	1.65e+03	3.6e+02
41	13C-33'44'5-PeCB	9.32e+05	2.17e+03	4.3e+02	6.01e+05	1.65e+03	3.6e+02
42	13C-22'44'66'-HxCB	8.42e+05	1.40e+03	6.0e+02	6.84e+05	1.18e+03	5.8e+02
43	13C-23'44'55'-HxCB	7.70e+05	1.08e+03	7.1e+02	5.99e+05	1.27e+03	4.7e+02
44	13C-233'44'5'-HxCB	1.20e+06	1.08e+03	1.1e+03	9.57e+05	1.27e+03	7.5e+02
45	13C-33'44'55'-HxCB	7.17e+05	1.08e+03	6.6e+02	5.89e+05	1.27e+03	4.6e+02
46	13C-22'34'566'-HpCB	7.79e+05	1.40e+03	5.6e+02	7.40e+05	1.04e+03	7.1e+02
47	13C-233'44'55'-HpCB	6.57e+05	1.67e+03	3.9e+02	5.90e+05	1.20e+03	4.9e+02
48	13C-22'33'55'66'-OcCB	6.27e+05	8.08e+02	7.8e+02	6.72e+05	1.22e+03	5.5e+02
49	13C-233'44'55'6-OcCB	6.03e+05	8.08e+02	7.5e+02	6.67e+05	1.22e+03	5.5e+02
50	13C-22'33'4'55'66'-NoCB	5.33e+05	1.61e+03	3.3e+02	7.02e+05	1.06e+03	6.6e+02
51	13C-22'33'44'55'6-NoCB	3.86e+05	8.84e+02	4.4e+02	4.80e+05	1.46e+03	3.3e+02
52	13C-DeCB	6.21e+05	8.04e+02	7.7e+02	5.42e+05	1.06e+03	5.1e+02

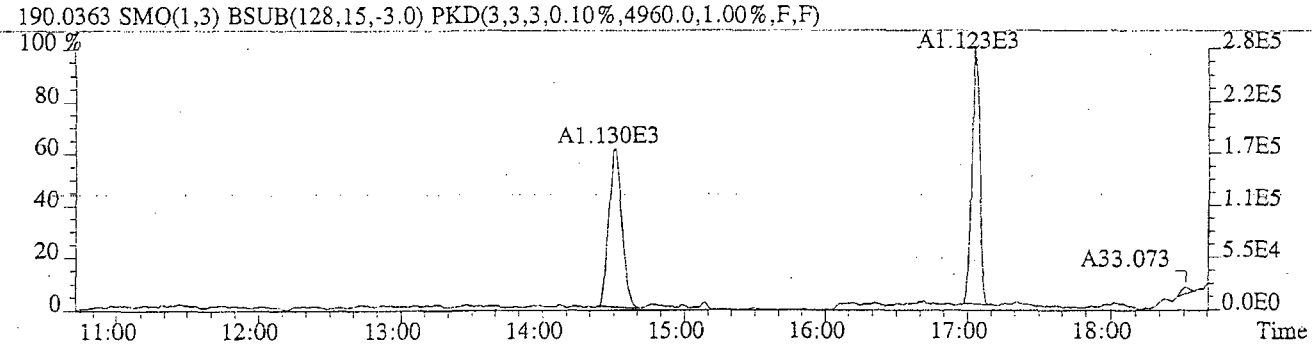
53	13C-244'-TrCB	8.48e+05	5.74e+04	1.5e+01	8.22e+05	1.73e+04	4.8e+01
54	13C-233'55'-PeCB	8.99e+05	1.59e+03	5.7e+02	5.81e+05	1.08e+03	5.4e+02
55	13C-22'33'55'6-HpCB	5.06e+05	1.40e+03	3.6e+02	5.01e+05	1.04e+03	4.8e+02
56	13C-2,5-DiCB	2.40e+06	7.64e+03	3.1e+02	1.57e+06	7.00e+03	2.2e+02
57	13C-22'55'-TeCB	8.87e+05	4.66e+03	1.9e+02	1.18e+06	3.37e+03	3.5e+02
58	13C-22'4'55'-PeCB	1.17e+06	1.59e+03	7.4e+02	7.41e+05	1.08e+03	6.9e+02
59	13C-22'3'44'5'-HxCB	1.07e+06	9.40e+02	1.1e+03	8.71e+05	1.21e+03	7.2e+02
60	13C-22'33'44'55'-OcCB	6.44e+05	8.08e+02	8.0e+02	7.02e+05	1.22e+03	5.8e+02

File:U220294 #1-512 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-02 LCS

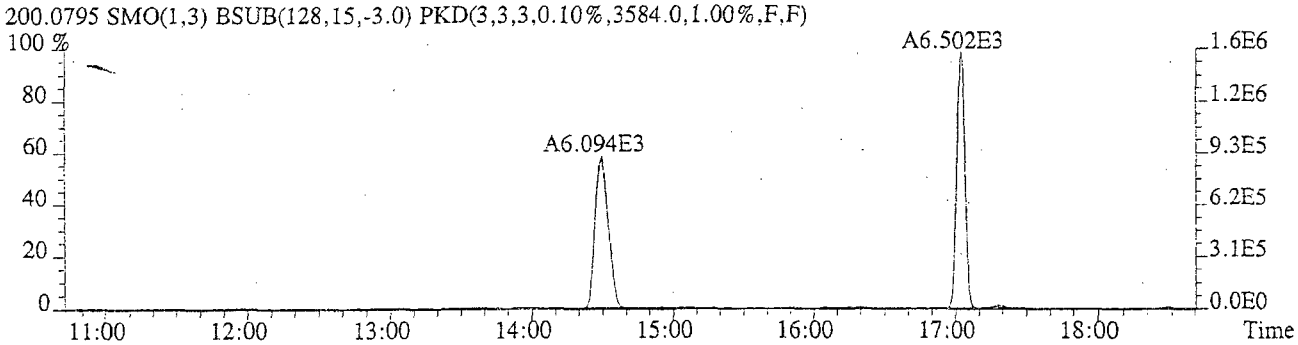
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2828.0,1.00%,F,F)



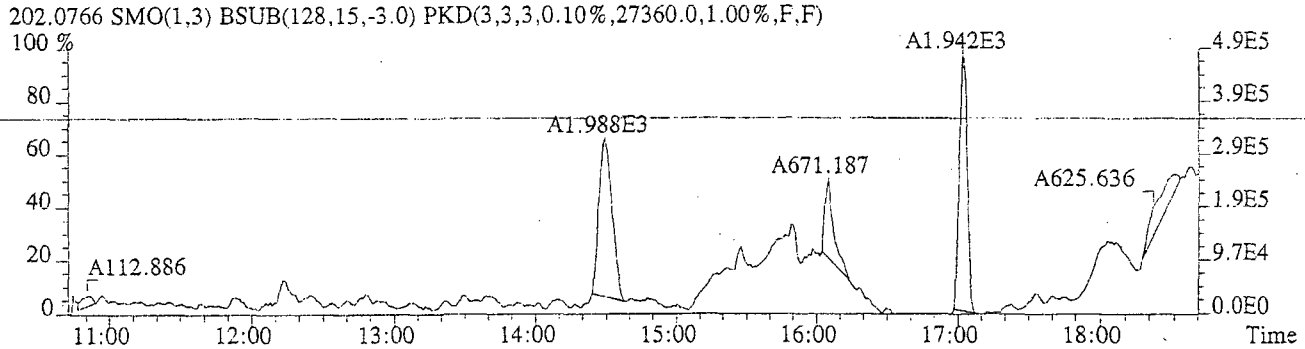
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4960.0,1.00%,F,F)



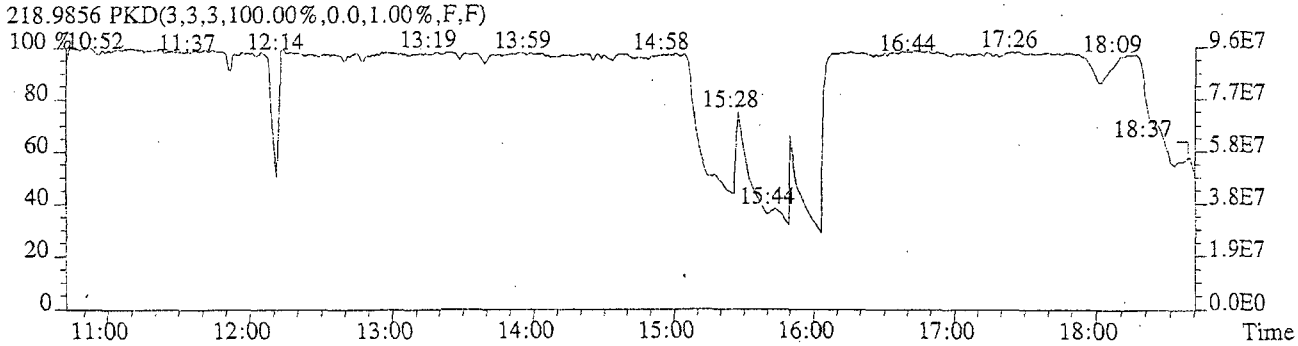
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3584.0,1.00%,F,F)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,27360.0,1.00%,F,F)

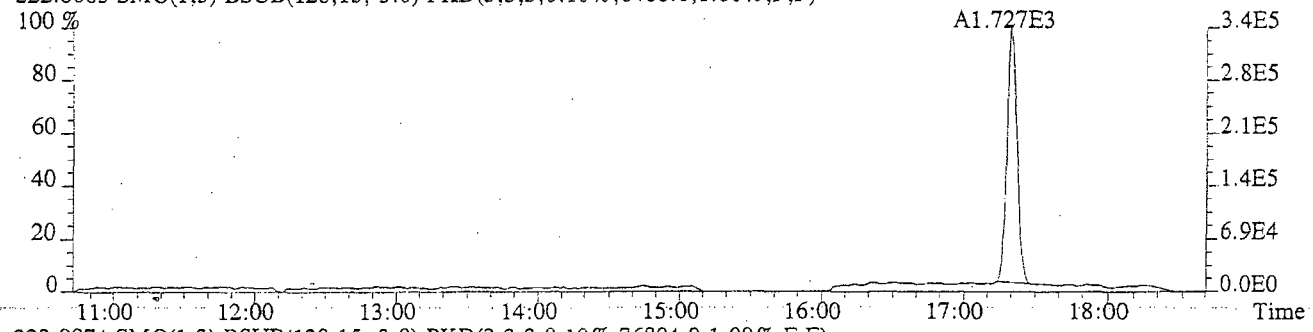


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

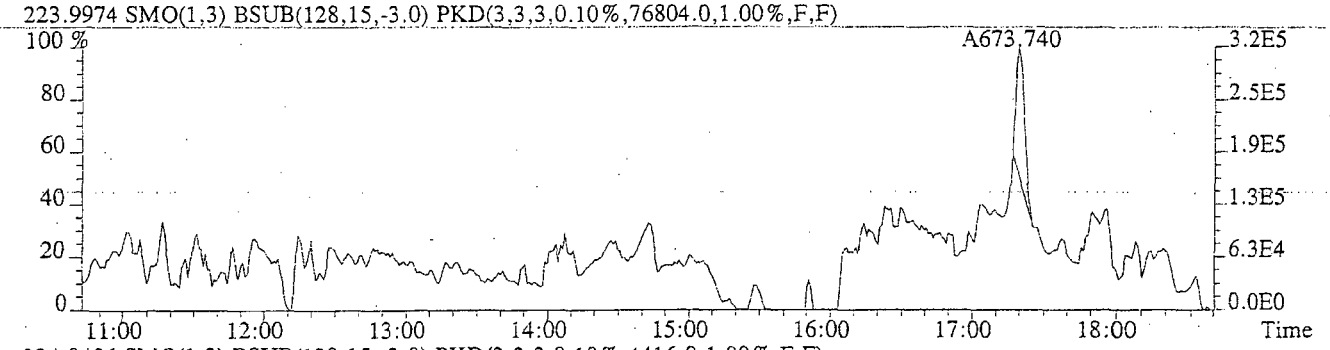


File:U220294 #1-512 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS

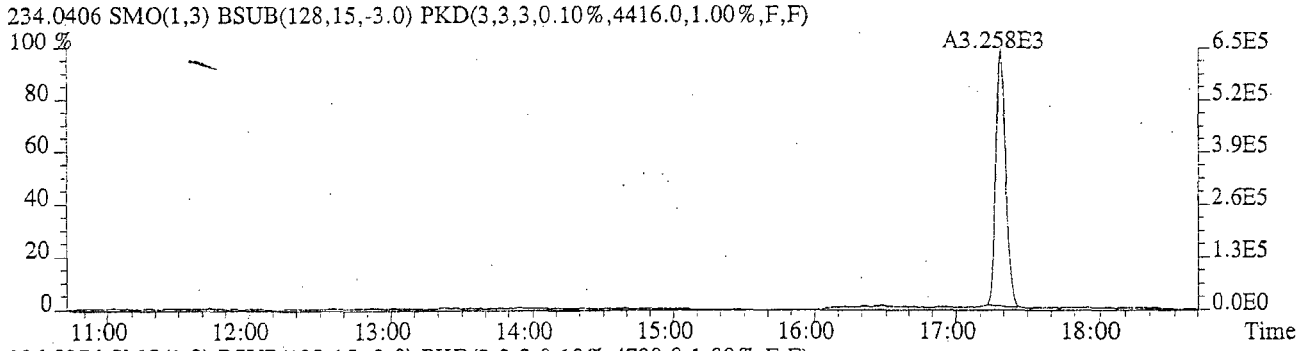
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6488.0,1.00%,F,F)



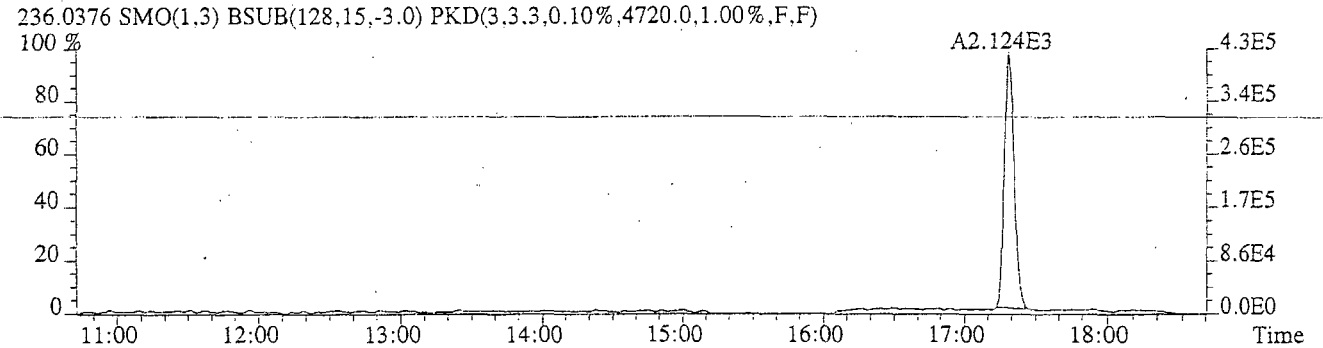
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,76804.0,1.00%,F,F)



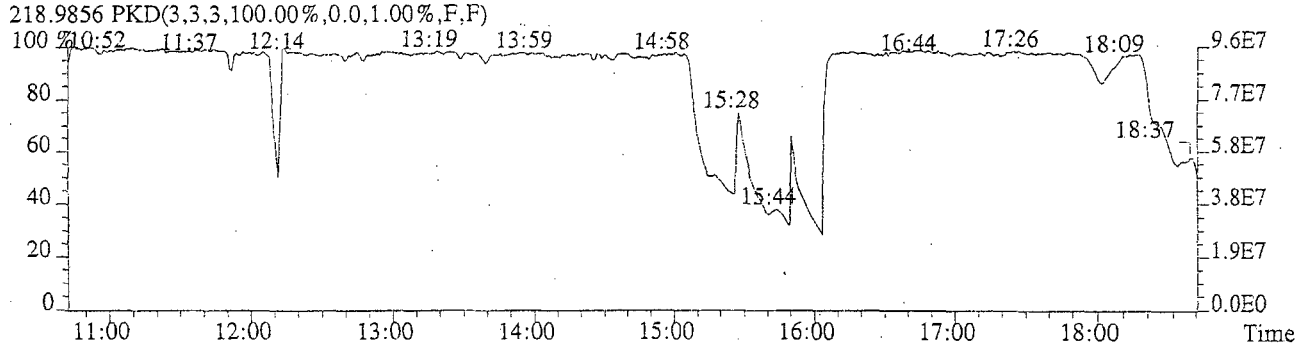
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4416.0,1.00%,F,F)



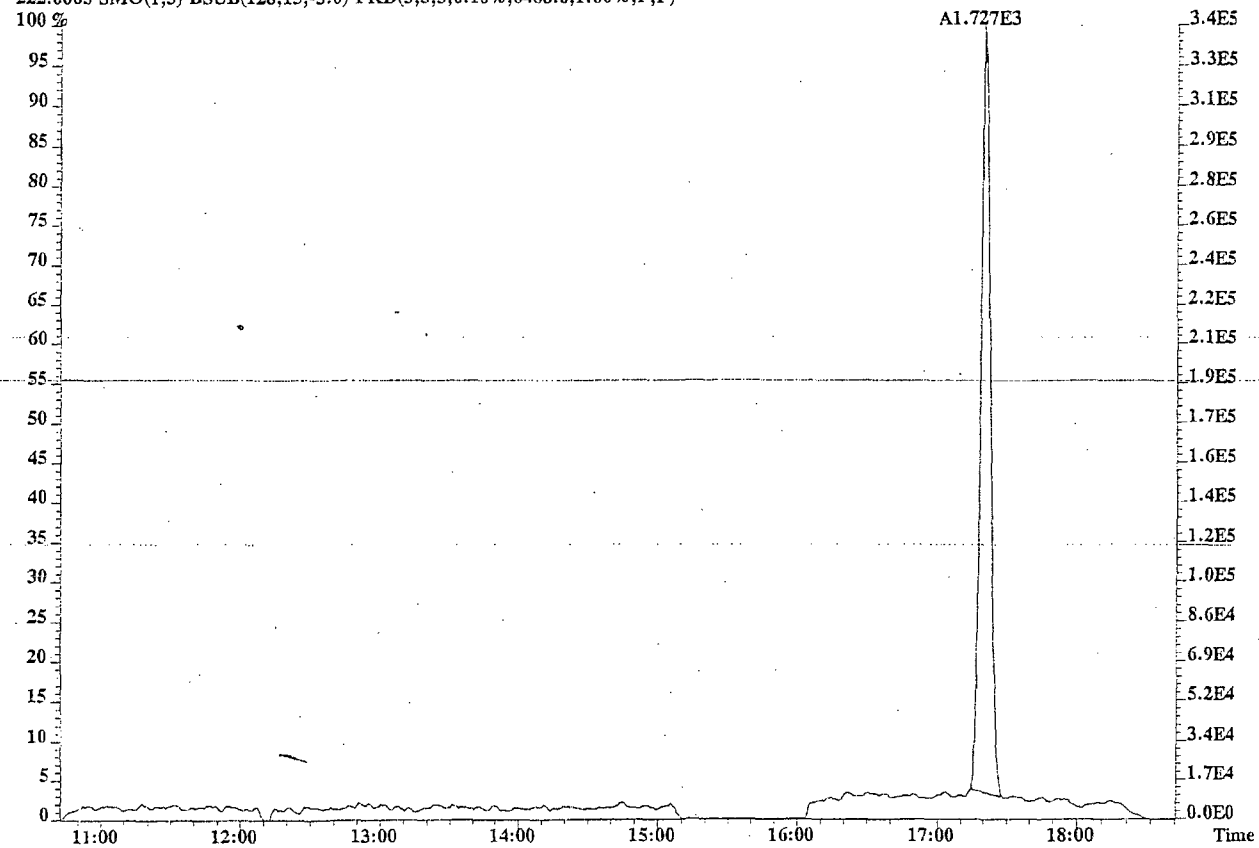
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4720.0,1.00%,F,F)



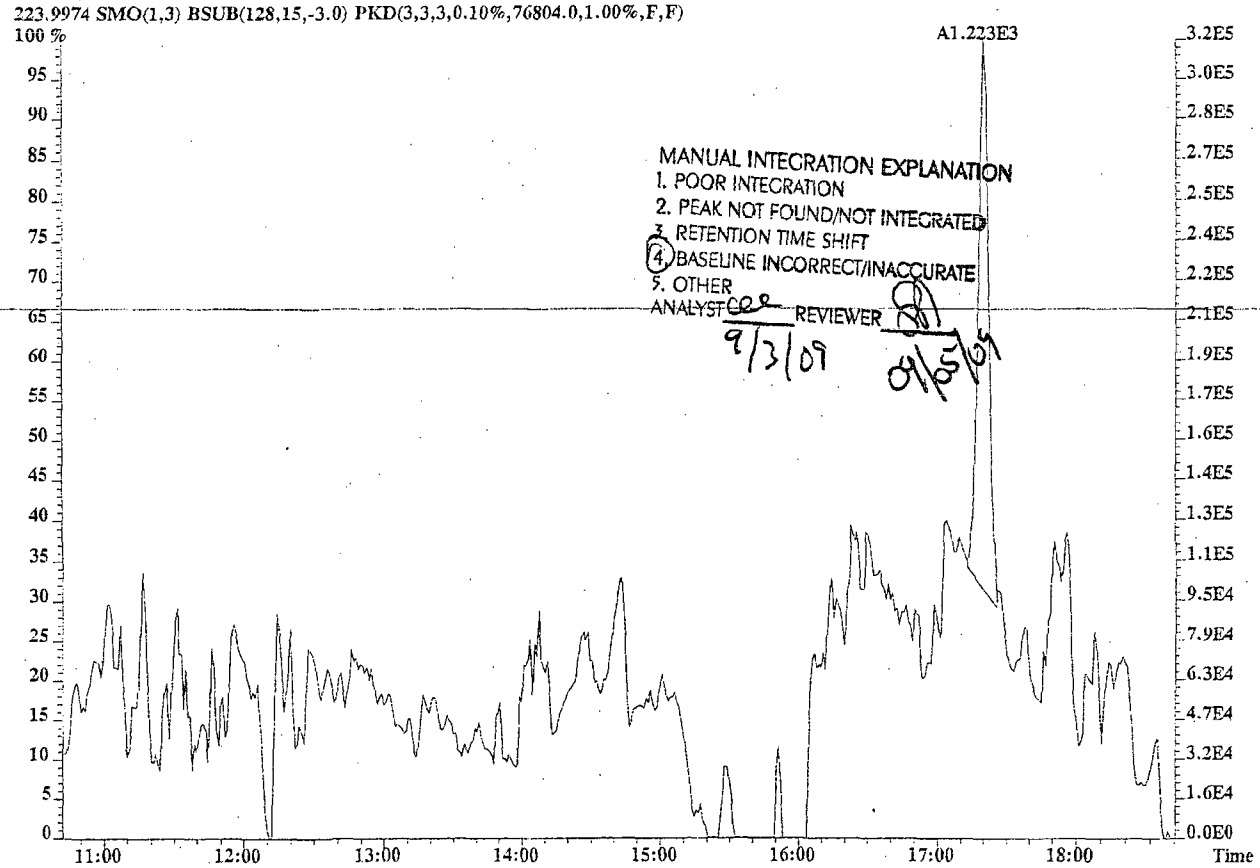
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220294 #1-512 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900323-02 LCS
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6488.0,1.00%,F,F)



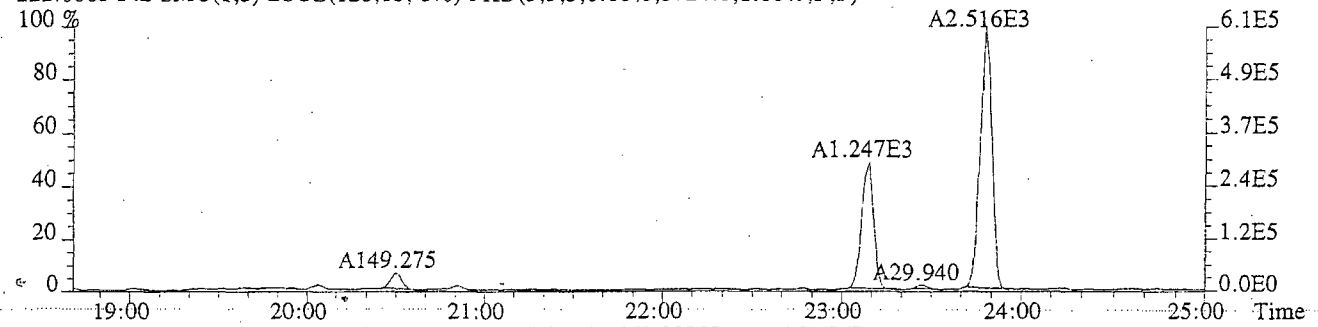
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,76804.0,1.00%,F,F)



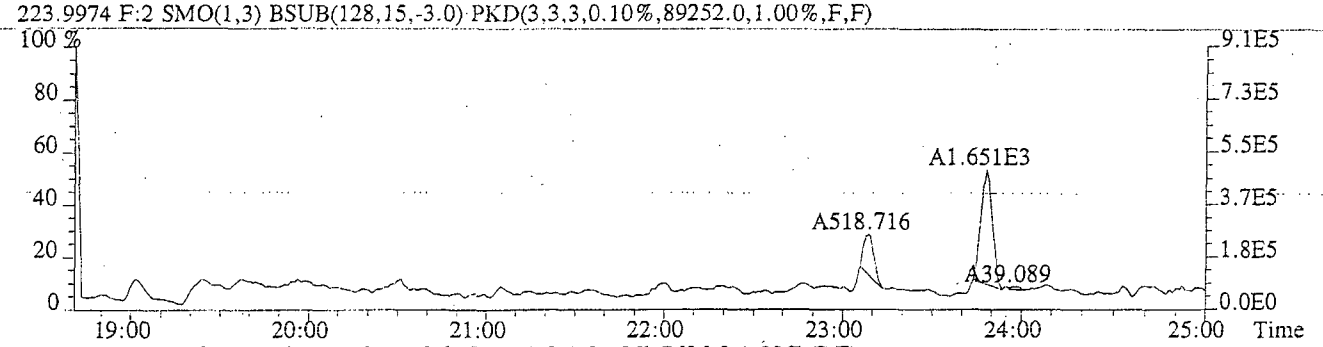
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
(4) BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST cee REVIEWER
9/3/09 9/5/09

File:U220294 #1-349 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:EQ0900323-02 LCS

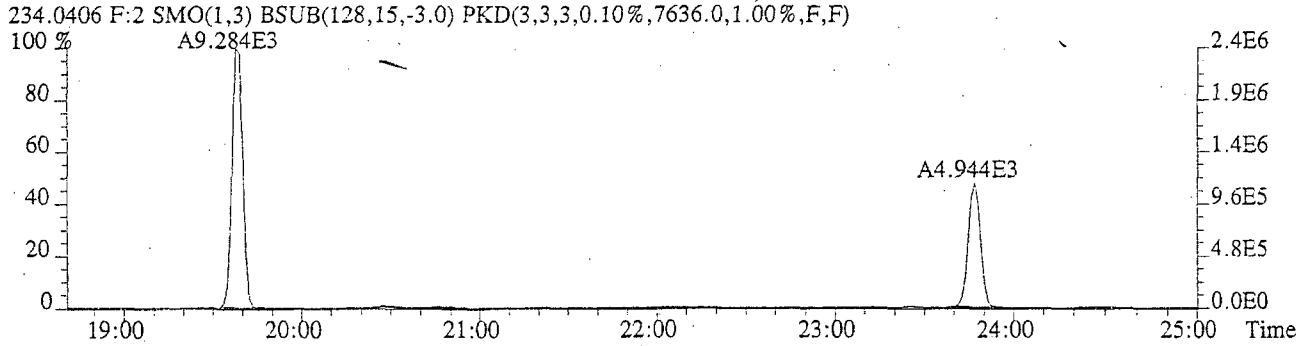
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5724.0,1.00%,F,F)



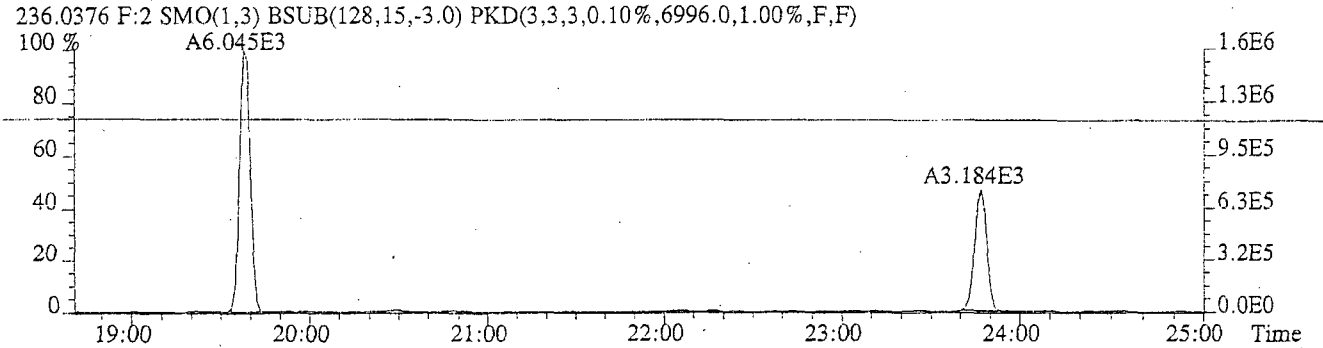
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,89252.0,1.00%,F,F)



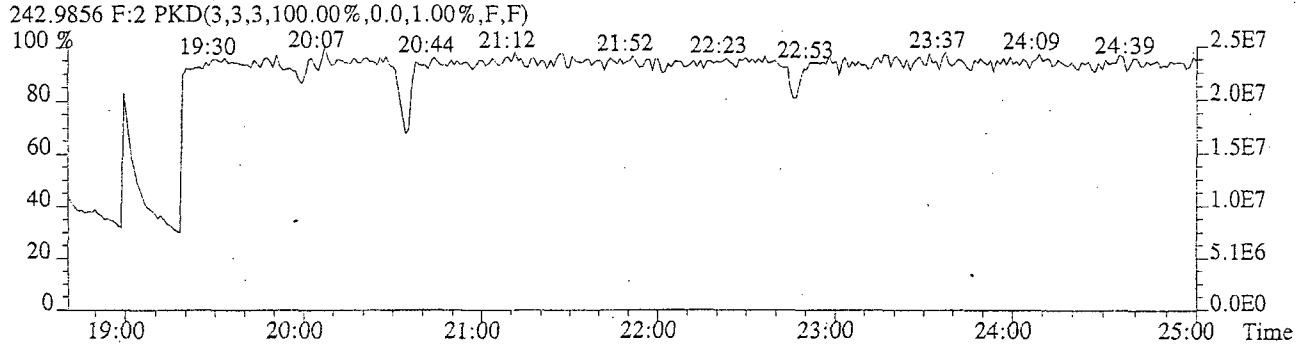
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7636.0,1.00%,F,F)



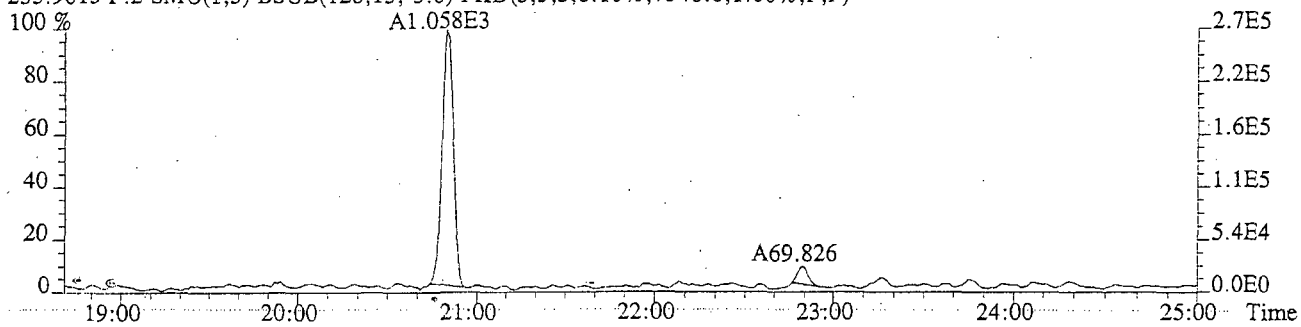
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6996.0,1.00%,F,F)



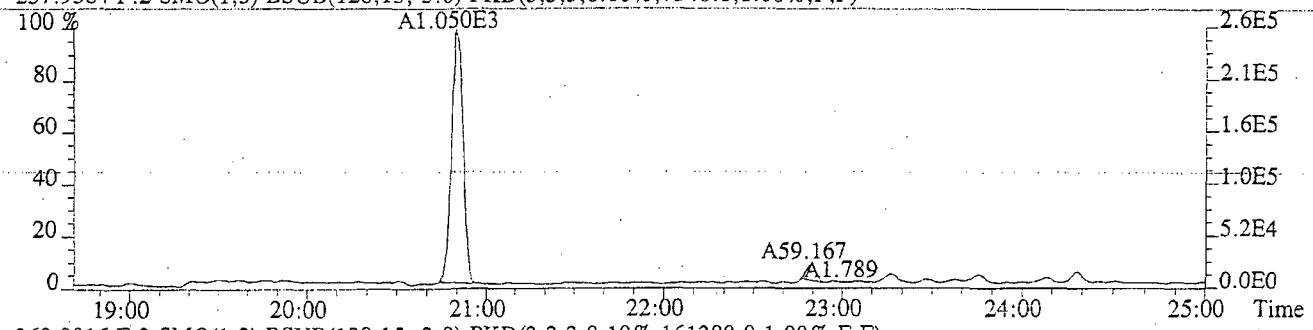
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



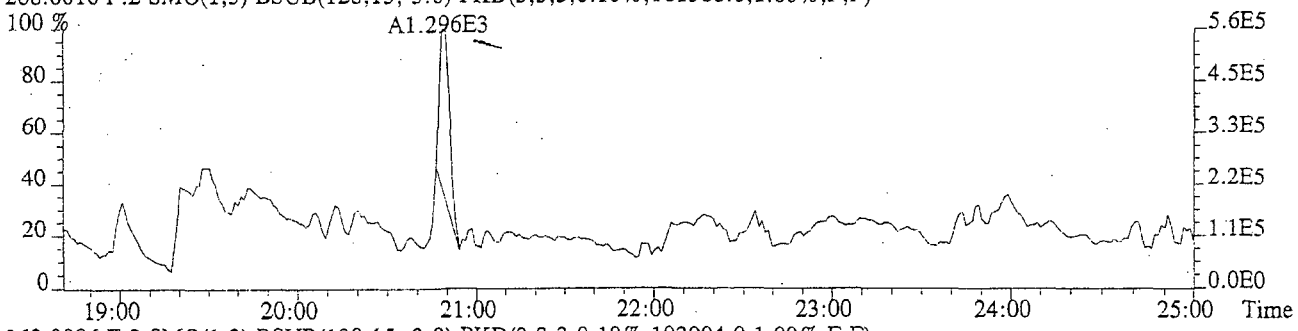
File:U220294 #1-349 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7340.0,1.00%,F,F)



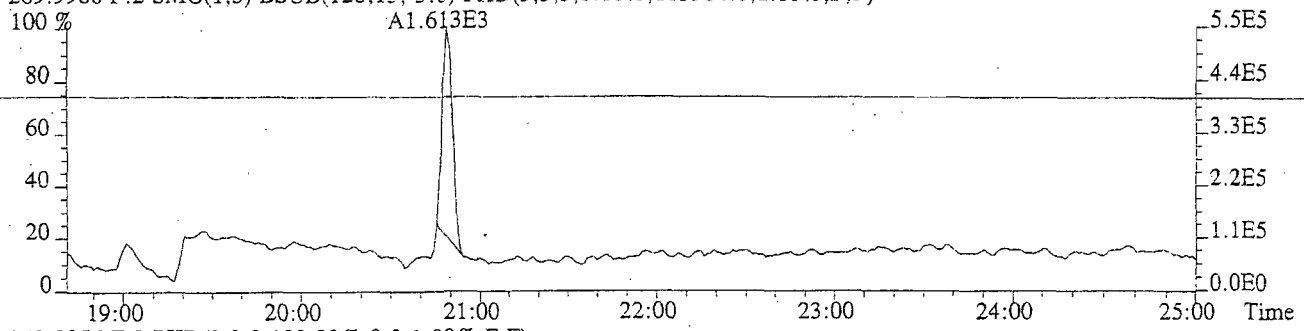
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7340.0,1.00%,F,F)



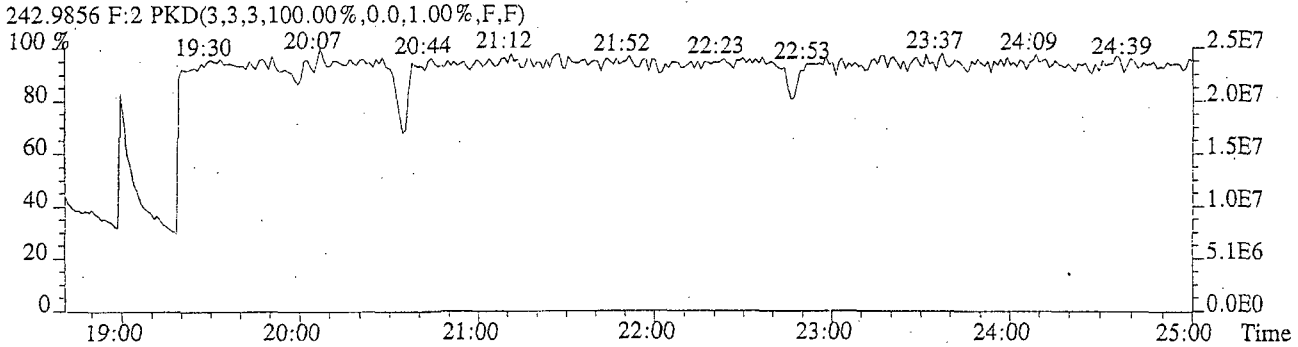
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,161388.0,1.00%,F,F)



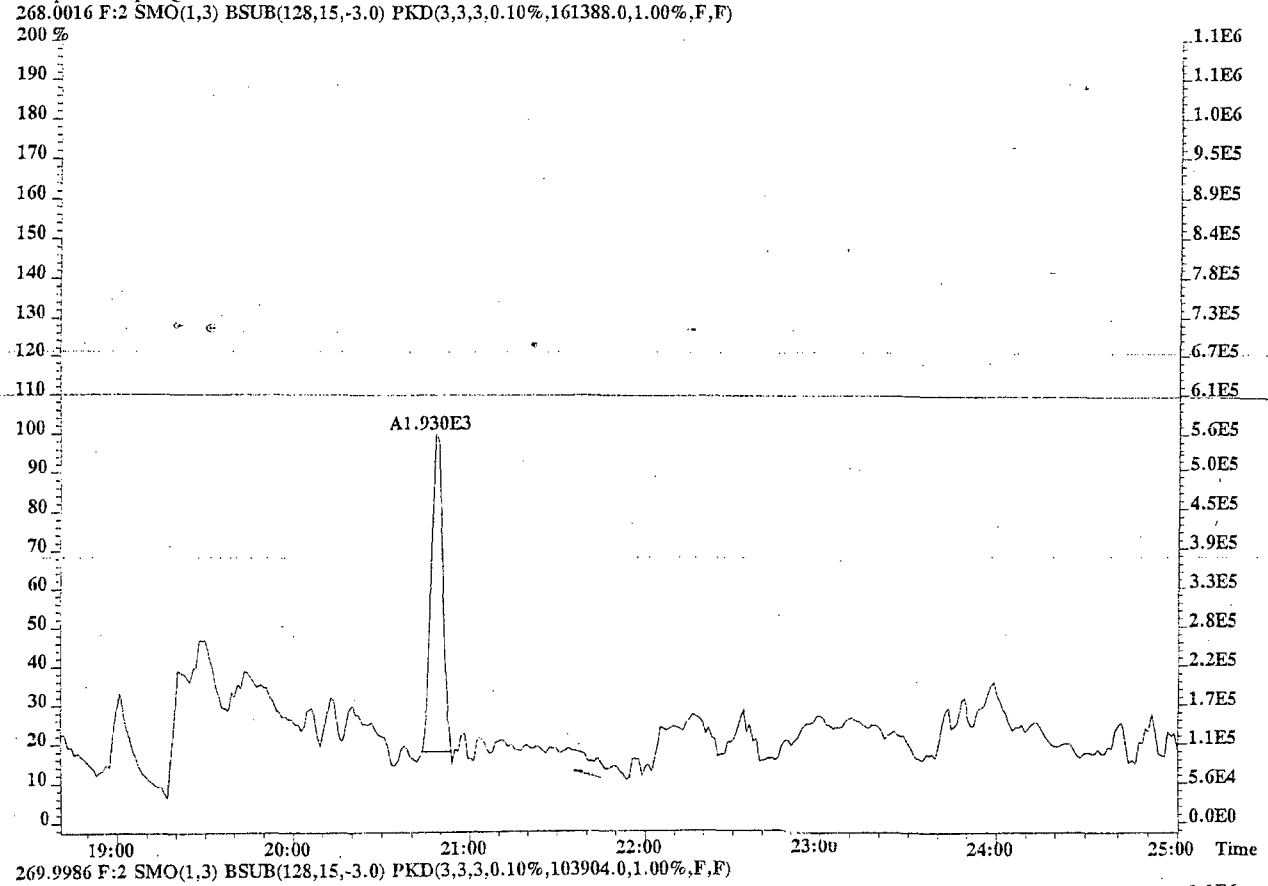
269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,103904.0,1.00%,F,F)



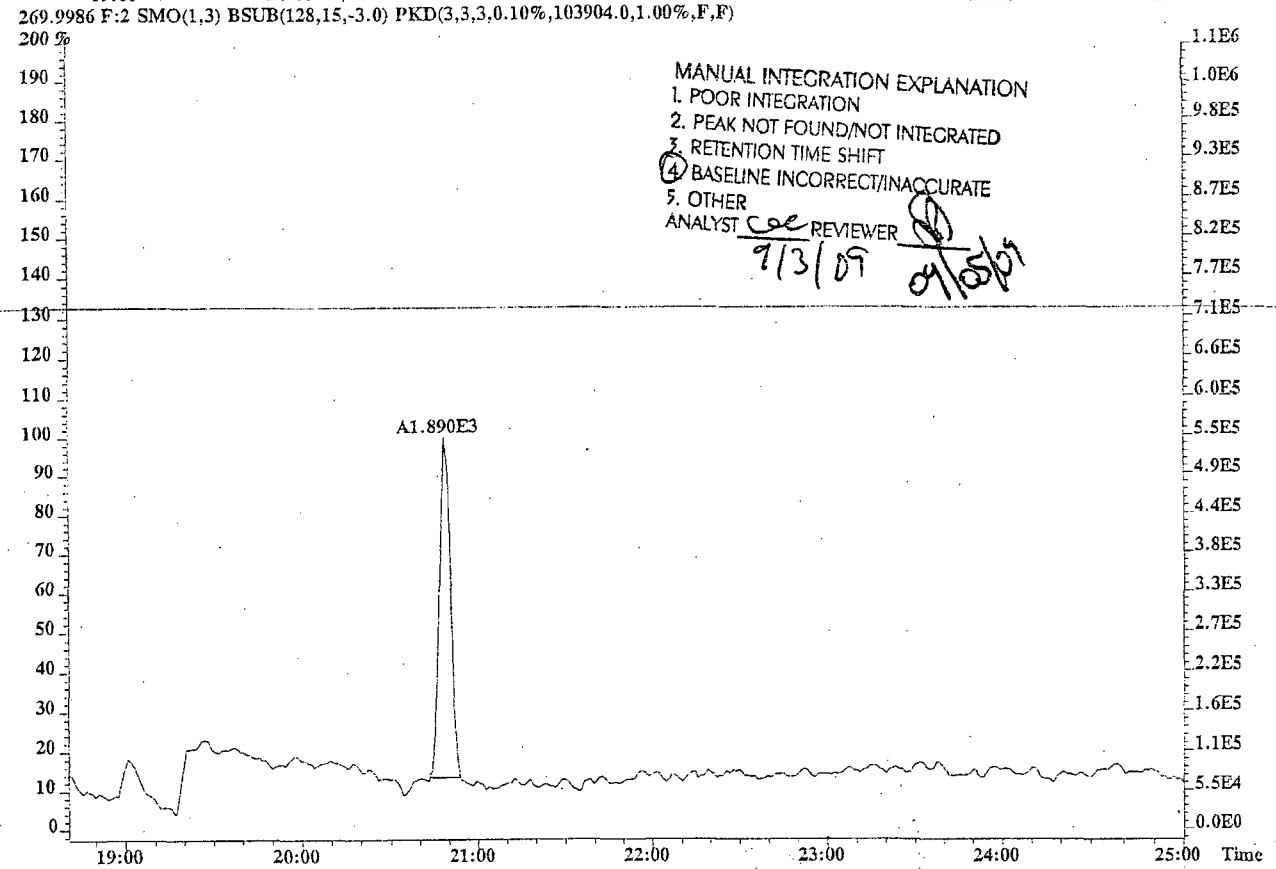
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220294 #1-349 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900323-02 LCS
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,161388.0,1.00%,F,F)



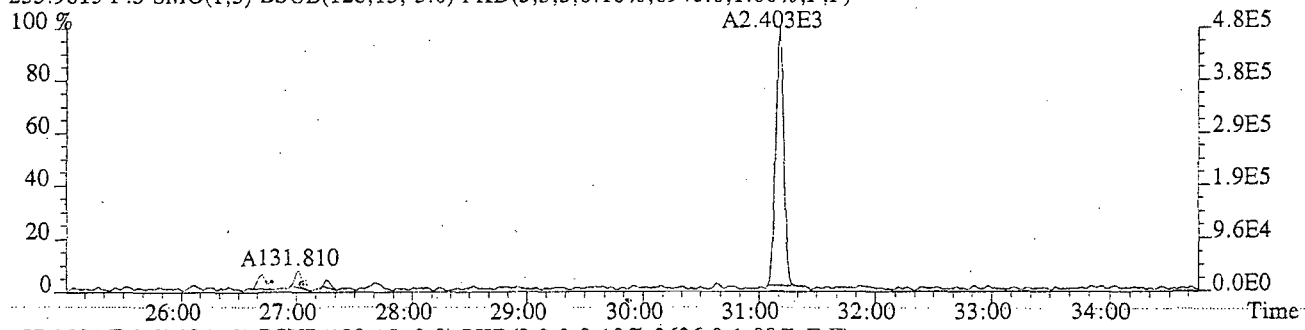
269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,103904.0,1.00%,F,F)



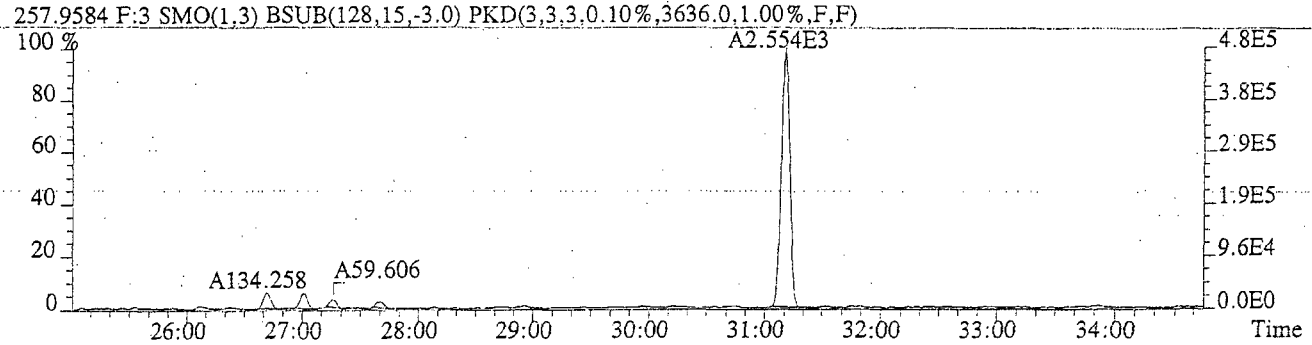
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
(4) BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST cae REVIEWER
9/3/09 9/5/09

File:U220294 #1-623 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-02 LCS

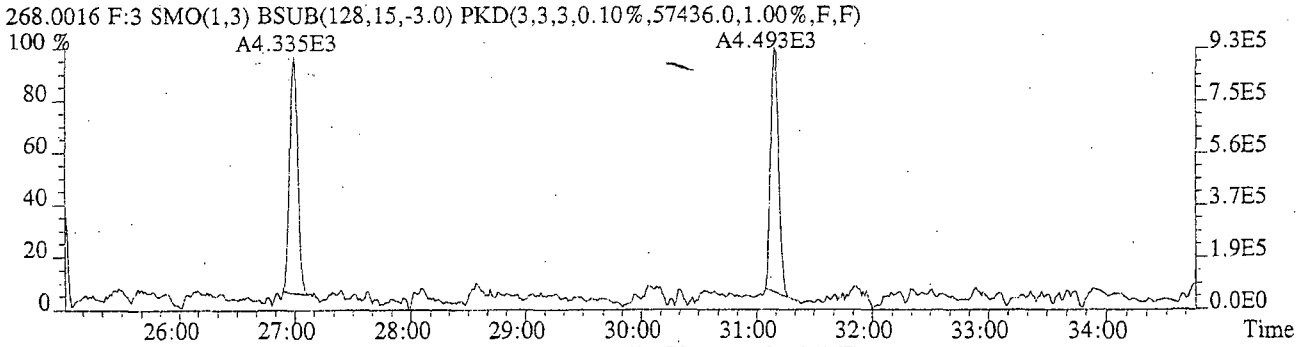
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6940.0,1.00%,F,F)



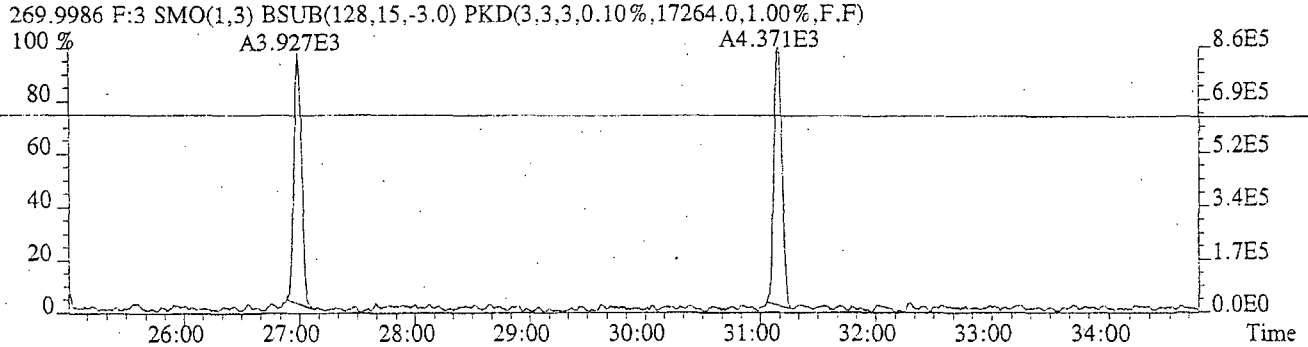
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3636.0,1.00%,F,F)



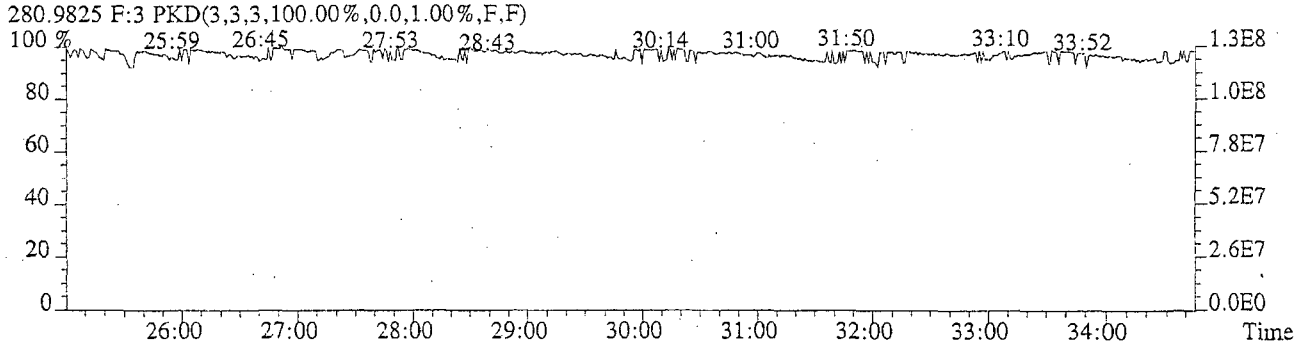
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,57436.0,1.00%,F,F)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17264.0,1.00%,F,F)

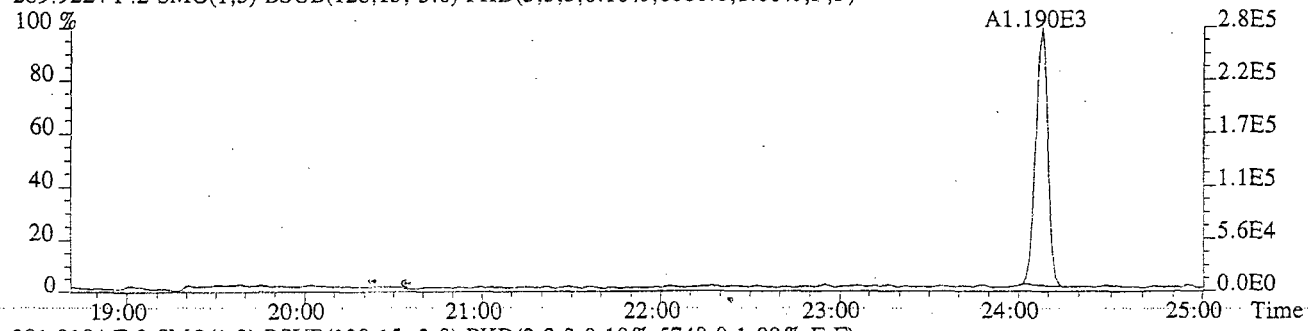


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

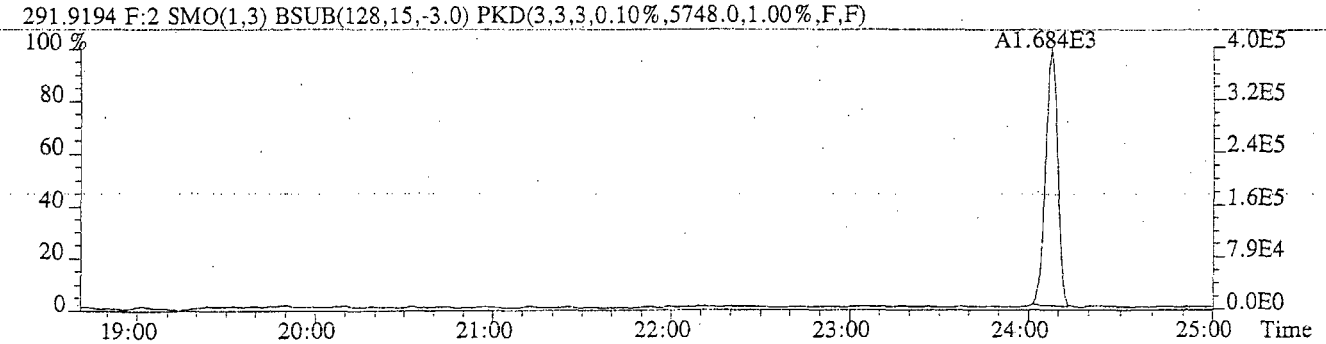


File:U220294 #1-349 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-02 LCS

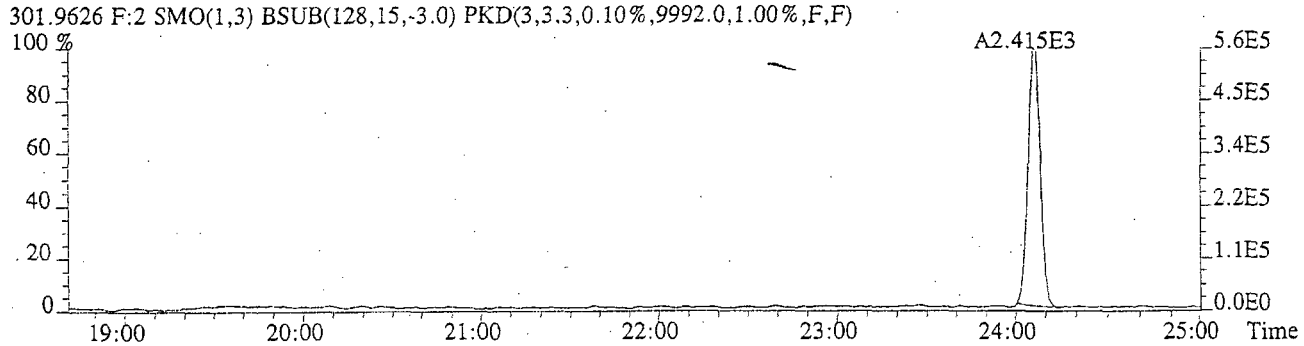
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6080.0,1.00%,F,F)



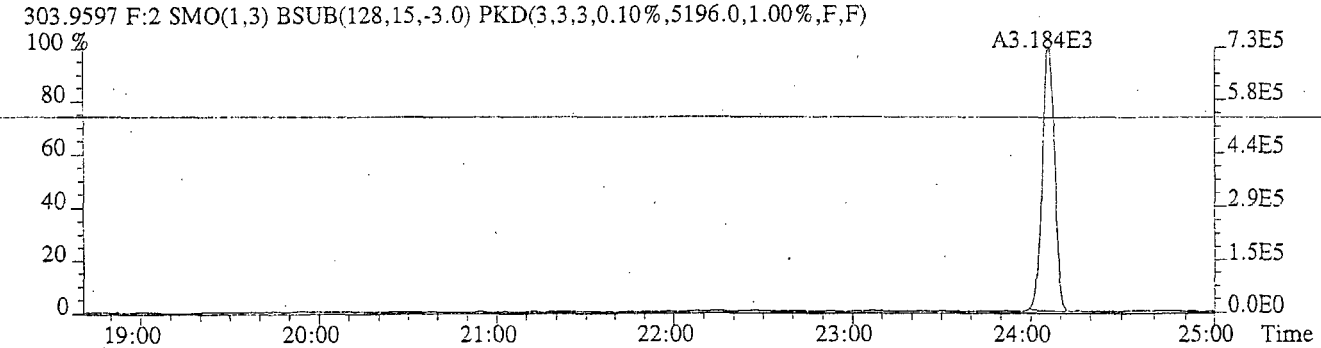
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5748.0,1.00%,F,F)



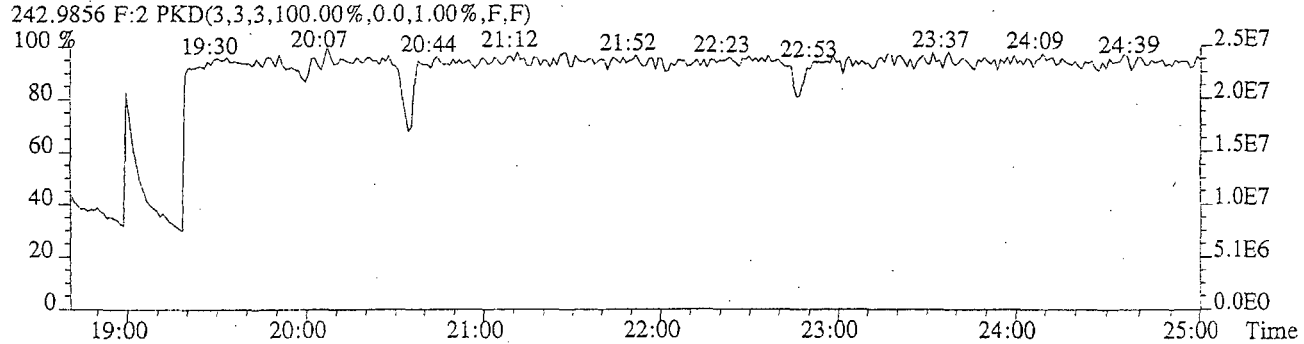
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3.3,0.10%,9992.0,1.00%,F,F)



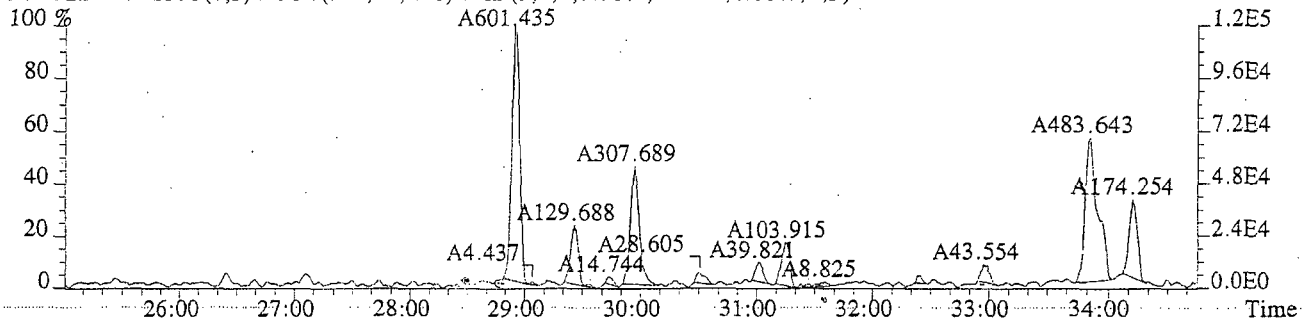
303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5196.0,1.00%,F,F)



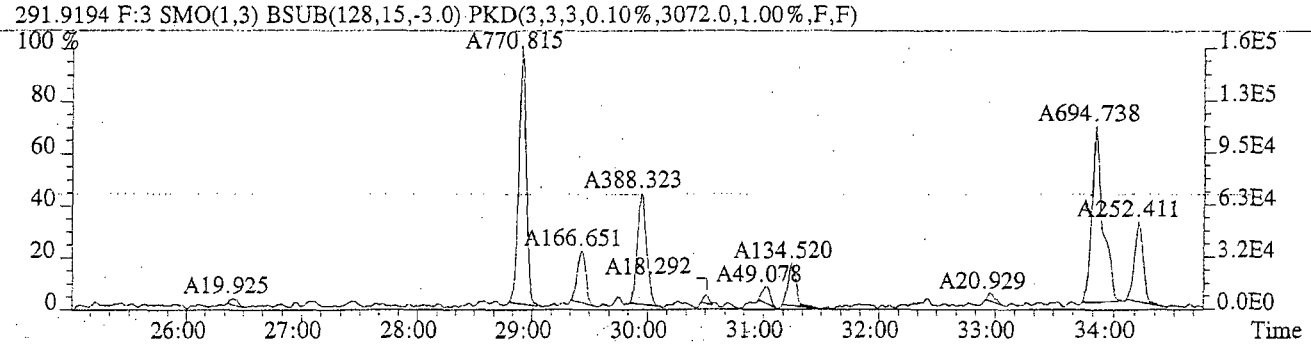
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



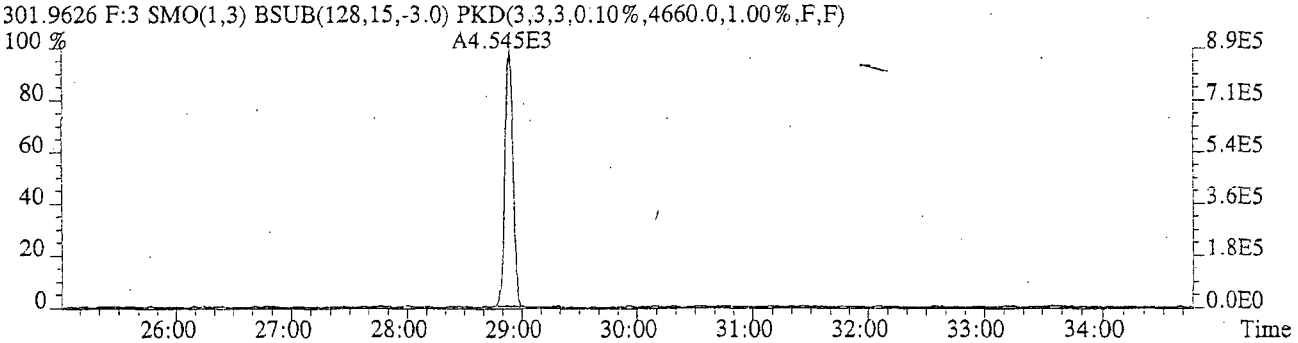
File:U220294 #1-623 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-02 LCS
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2656.0,1.00%,F,F)



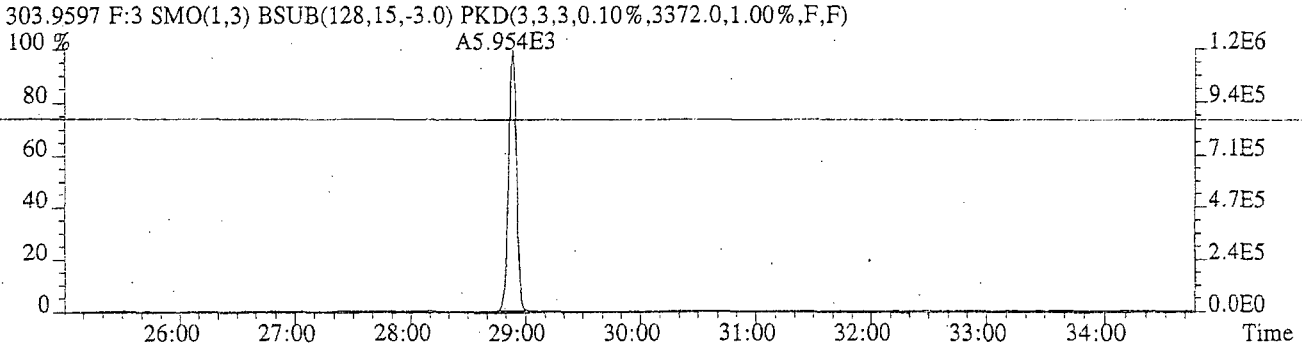
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3072.0,1.00%,F,F)



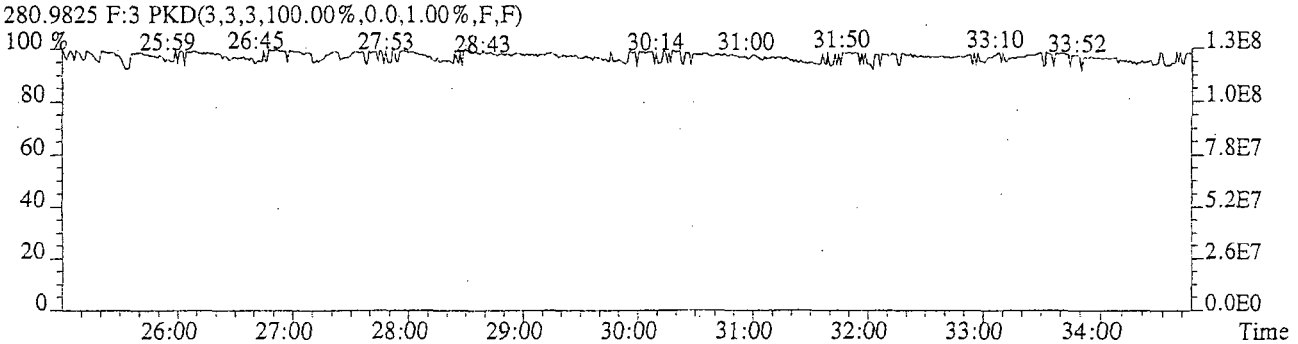
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4660.0,1.00%,F,F)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3372.0,1.00%,F,F)

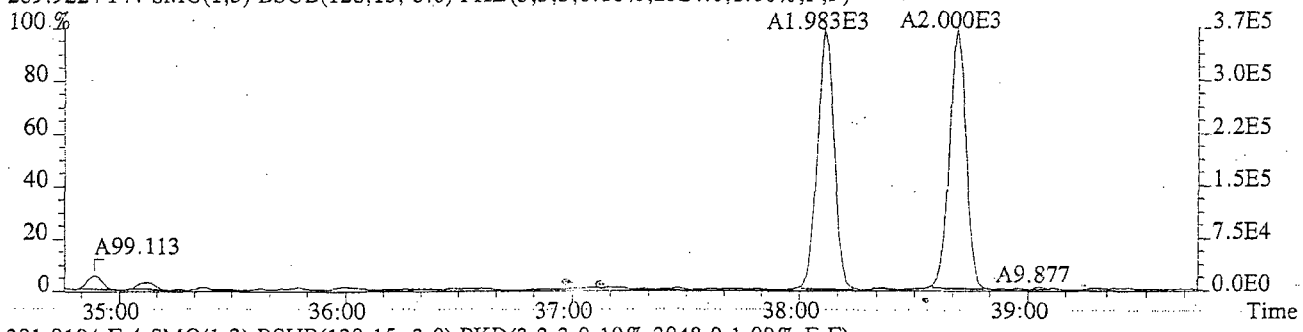


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

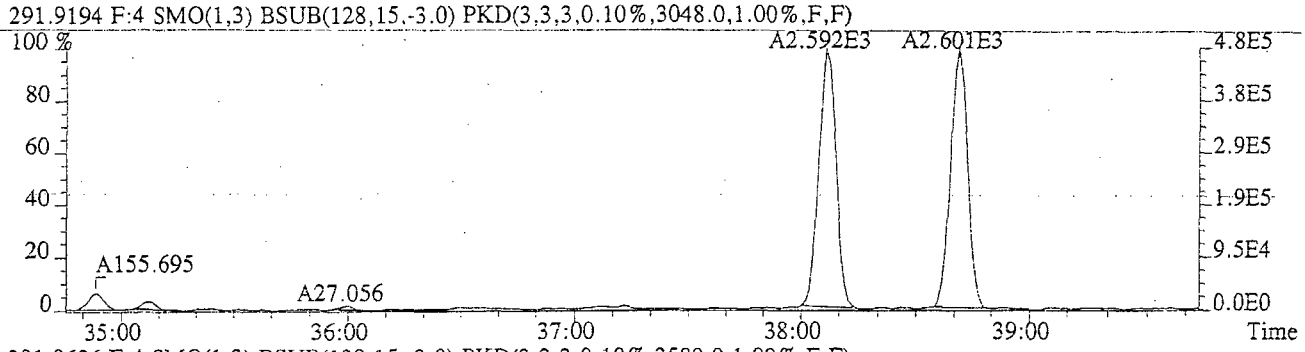


File:U220294 #1-318 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS

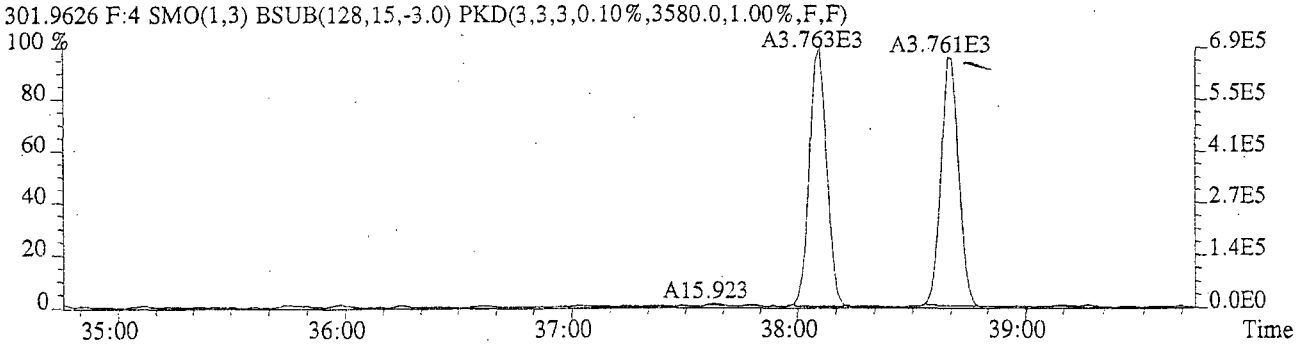
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2324.0,1.00%,F,F)



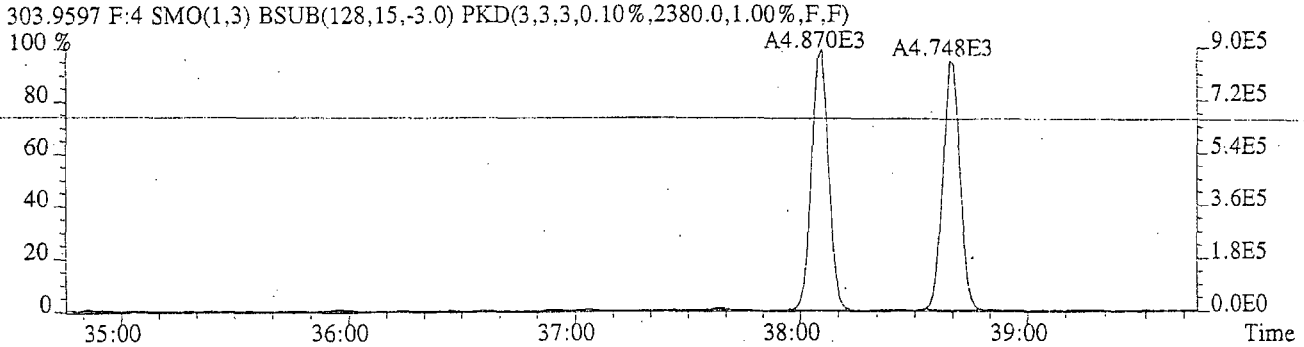
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3048.0,1.00%,F,F)



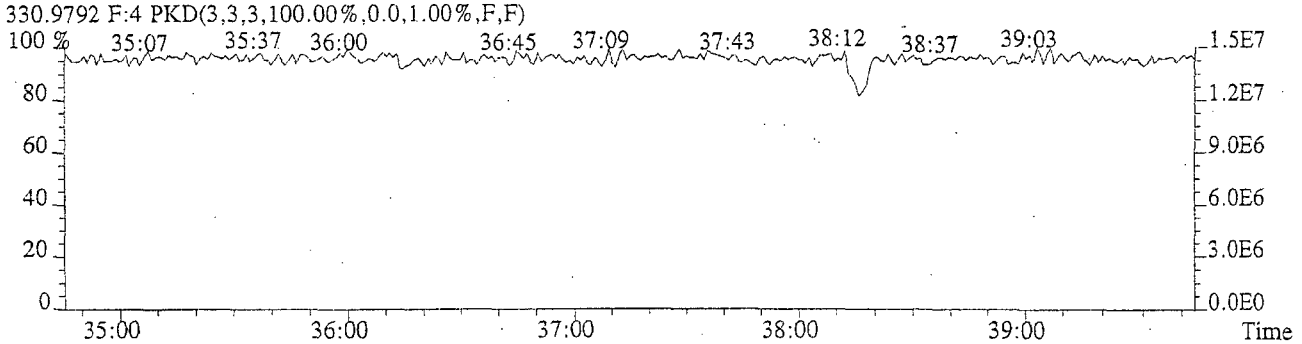
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3580.0,1.00%,F,F)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2380.0,1.00%,F,F)

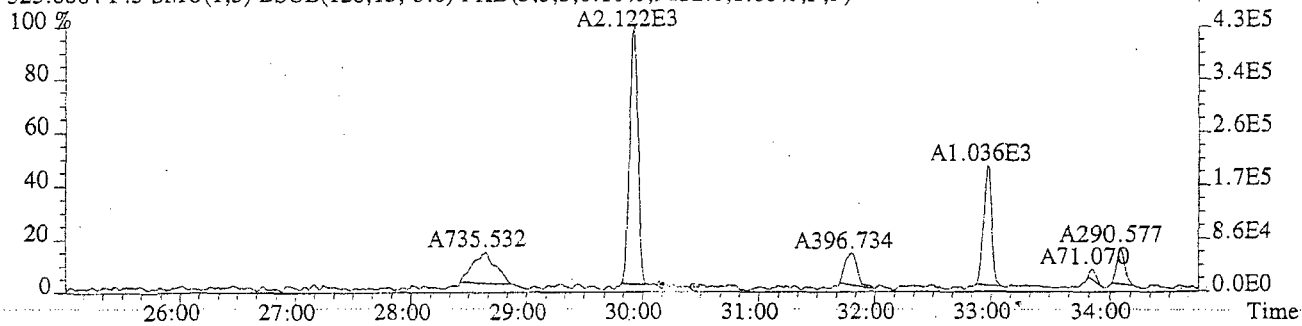


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

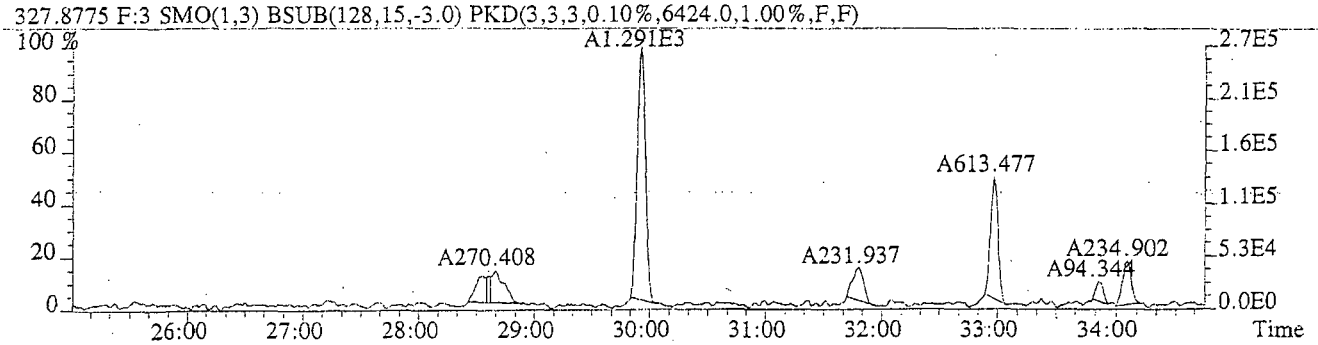


File:U220294 #1-623 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-02 LCS

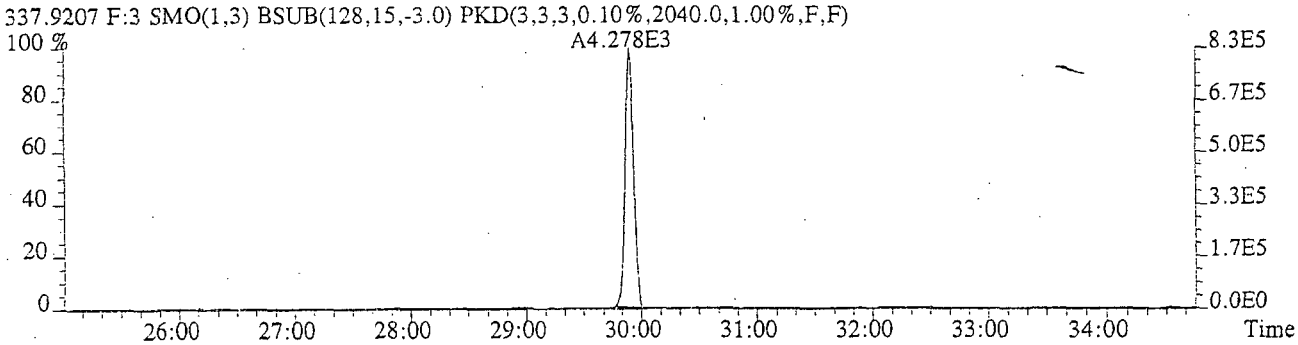
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9152.0,1.00%,F,F)



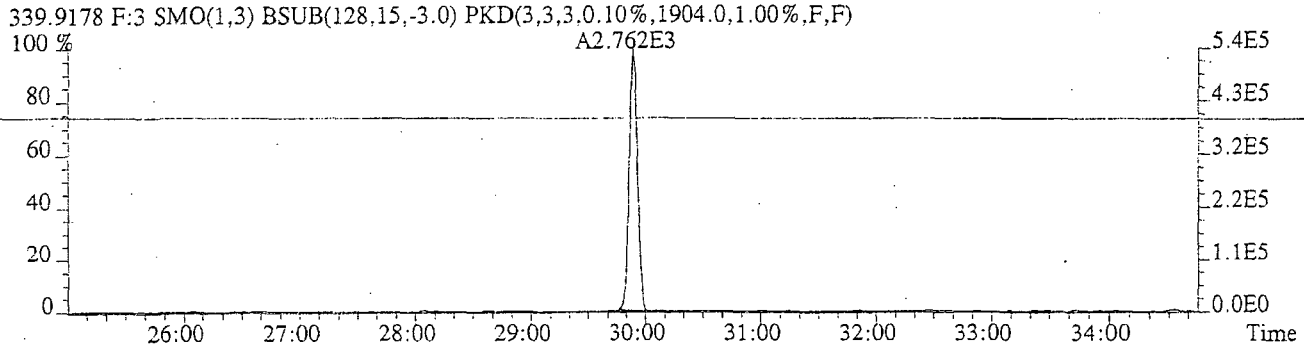
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6424.0,1.00%,F,F)



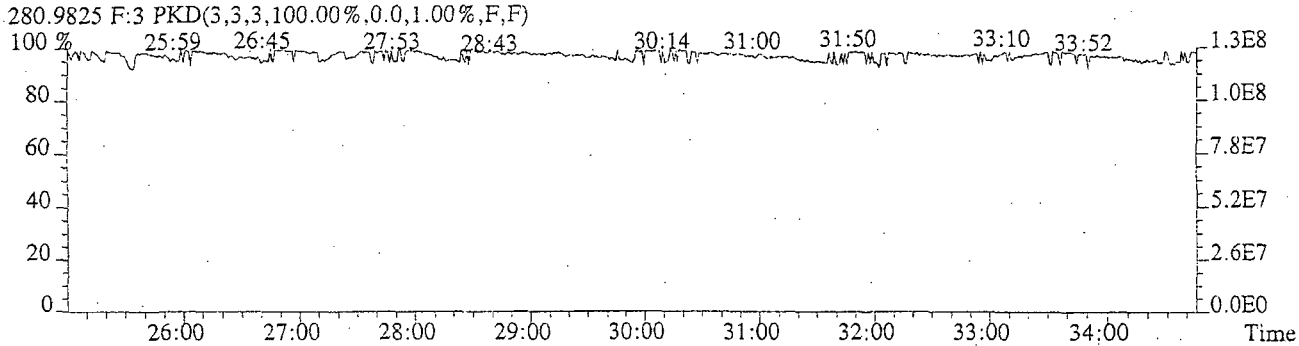
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2040.0,1.00%,F,F)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1904.0,1.00%,F,F)

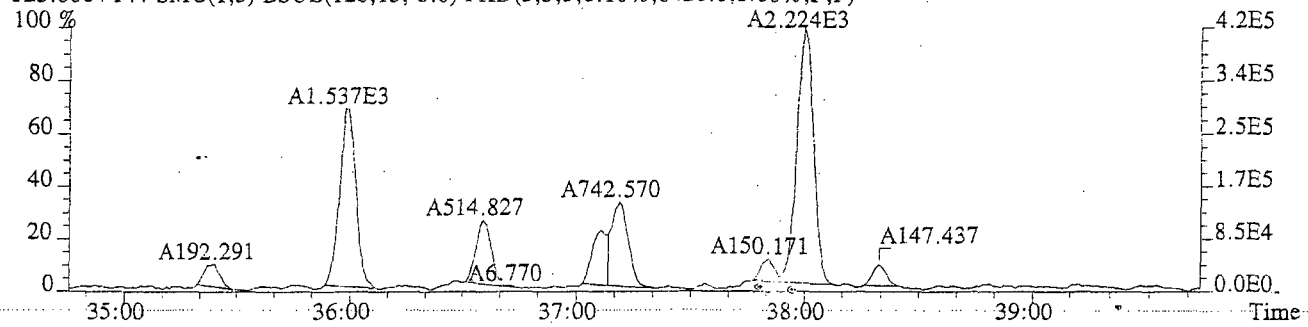


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

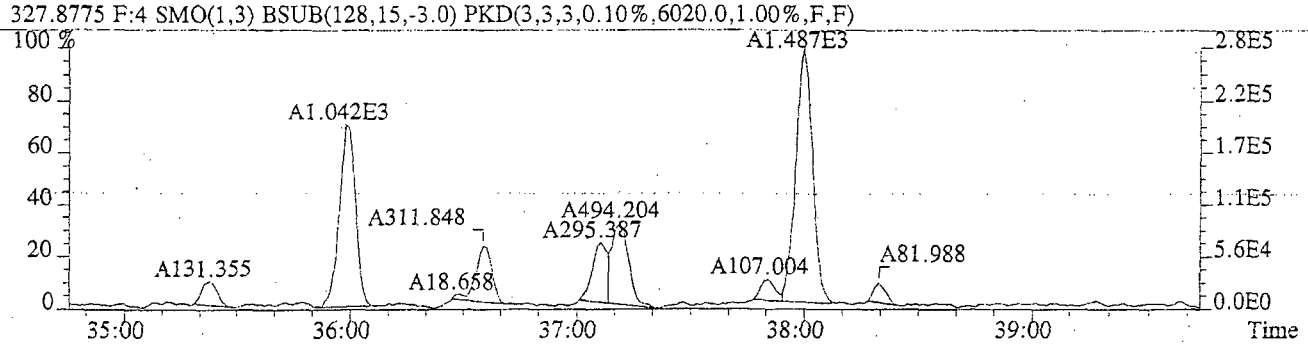


File:U220294 #1-318 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS

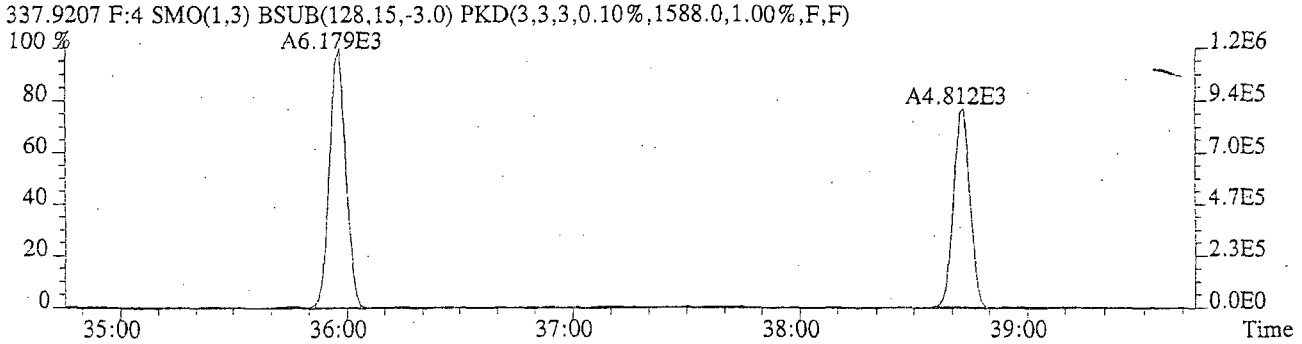
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8420.0,1.00%,F,F)



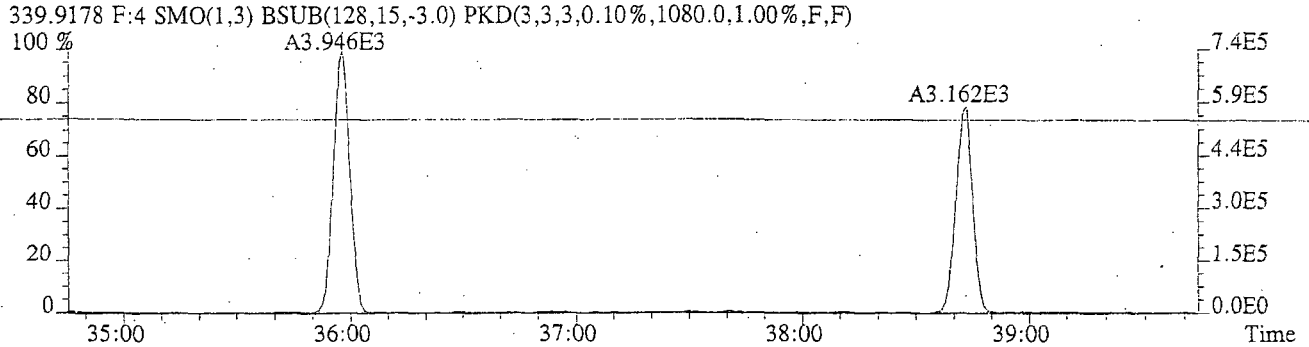
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6020.0,1.00%,F,F)



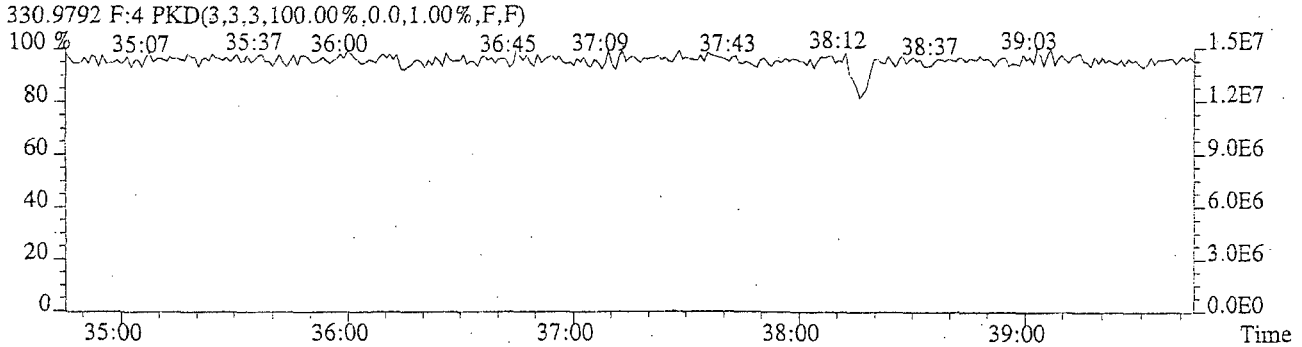
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1588.0,1.00%,F,F)



339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,F)

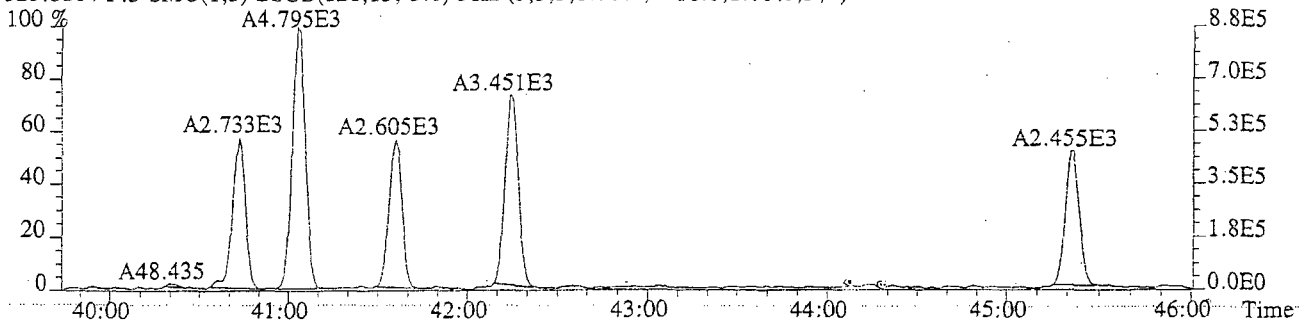


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

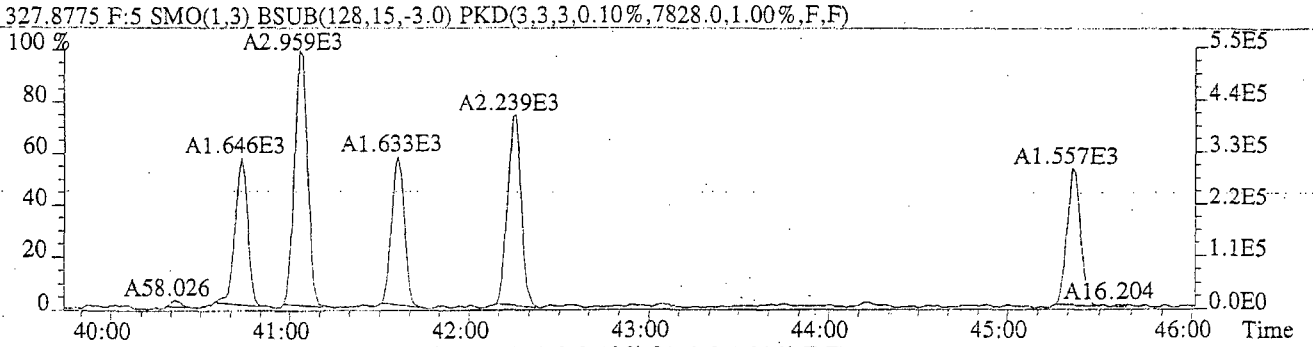


File:U220294 #1-402 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-02 LCS

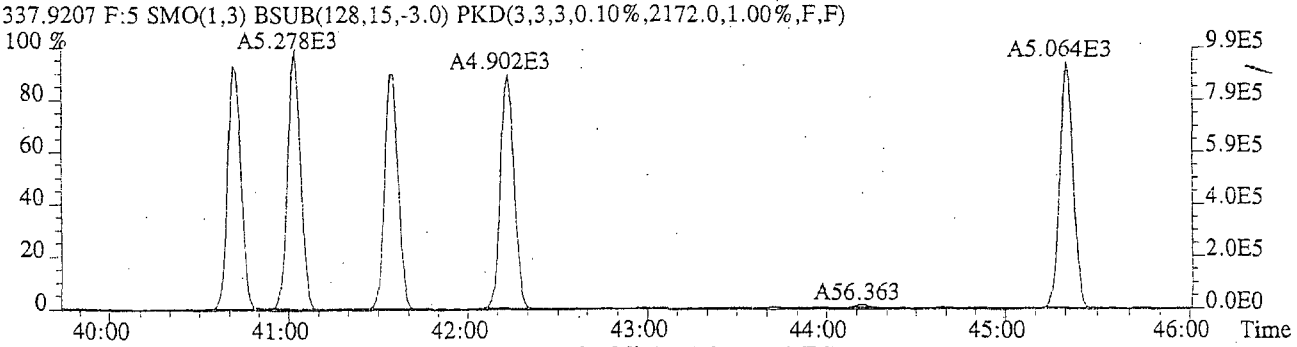
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9716.0,1.00%,F,F)



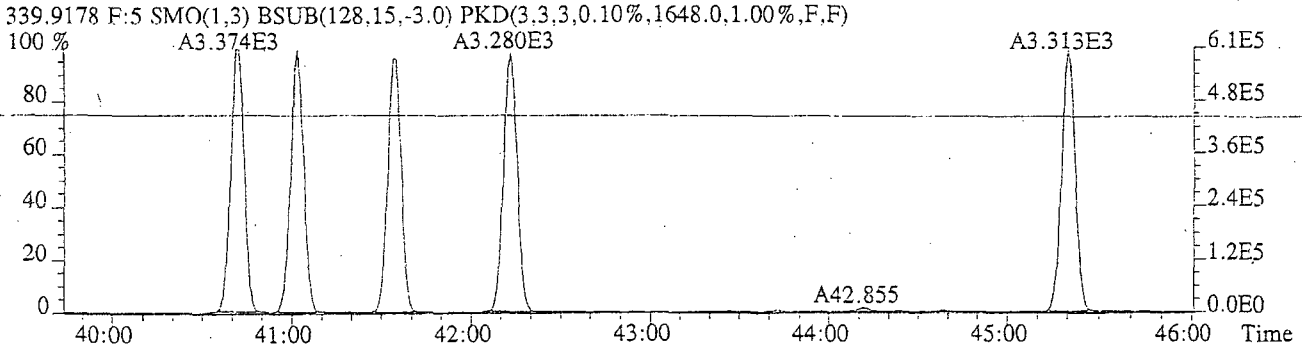
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7828.0,1.00%,F,F)



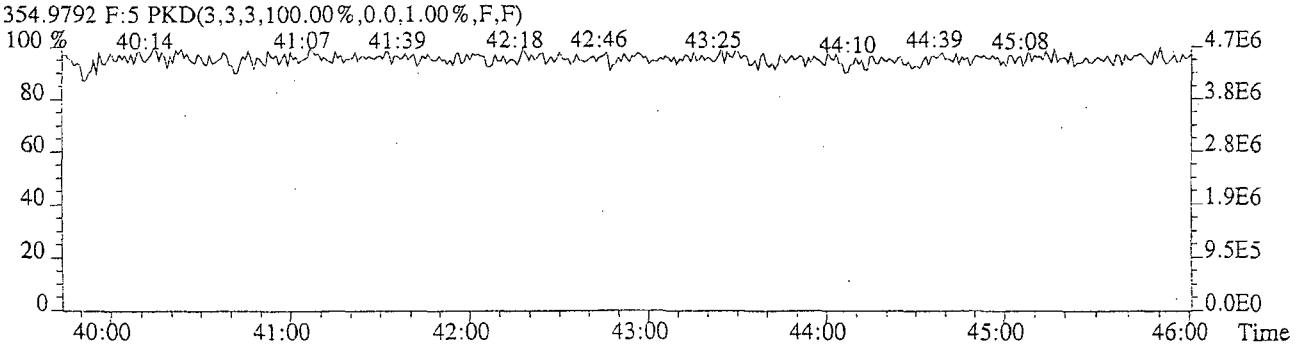
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2172.0,1.00%,F,F)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1648.0,1.00%,F,F)

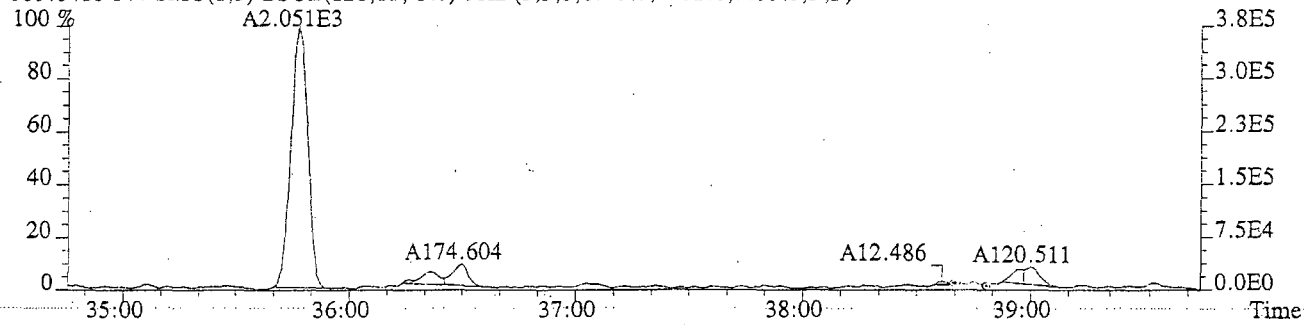


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

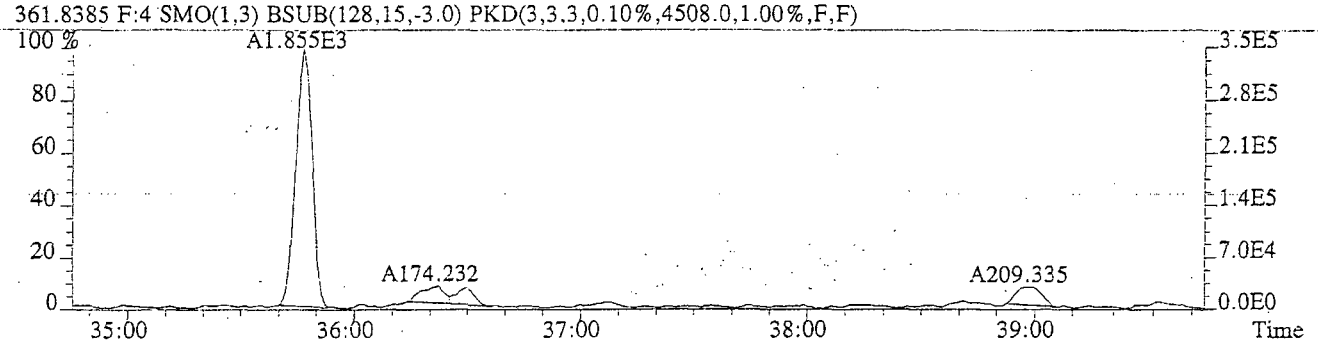


File:U220294 #1-318 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS

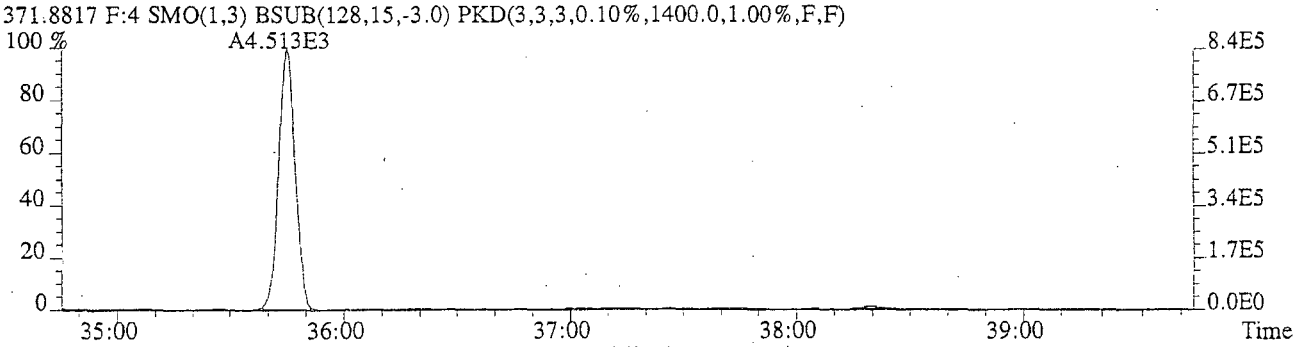
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4852.0,1.00%,F,F)



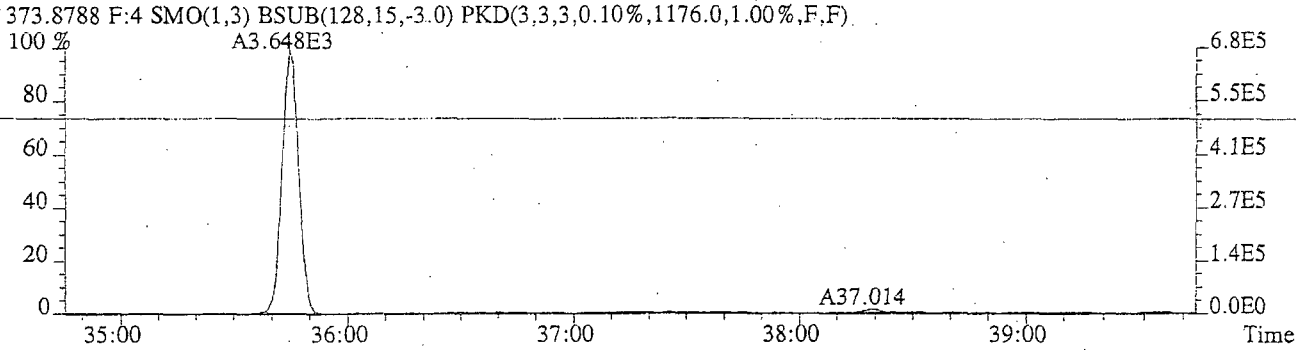
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4508.0,1.00%,F,F)



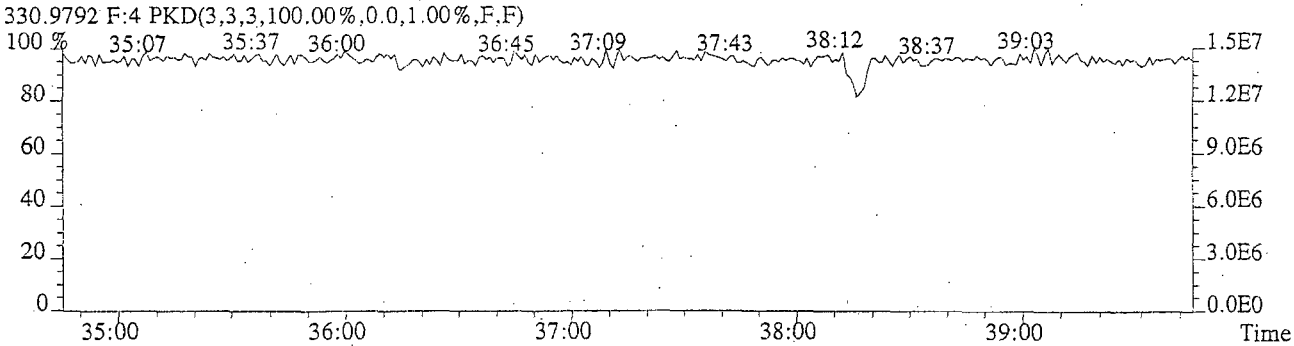
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1400.0,1.00%,F,F)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1176.0,1.00%,F,F)

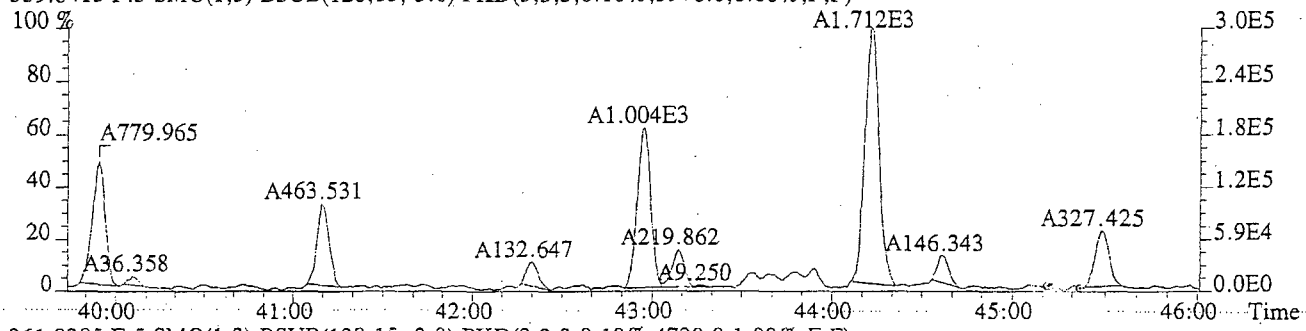


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

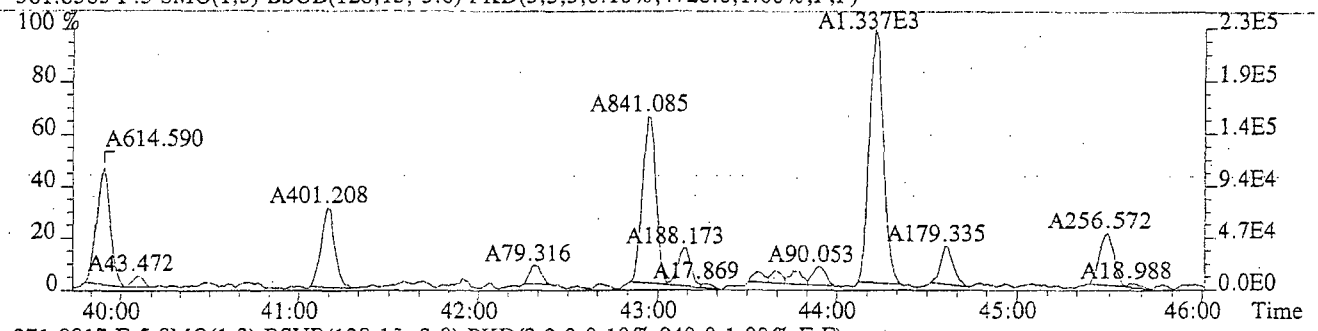


File:U220294 #1-402 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS

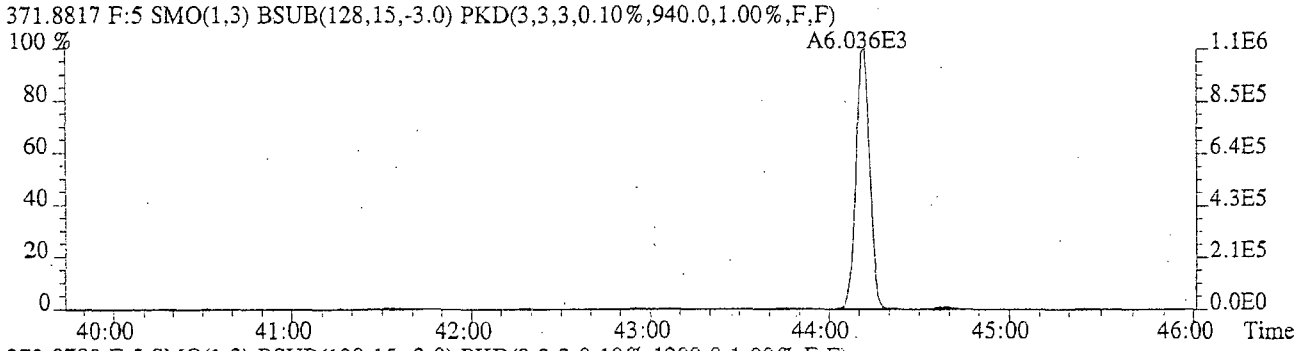
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5976.0,1.00%,F,F)



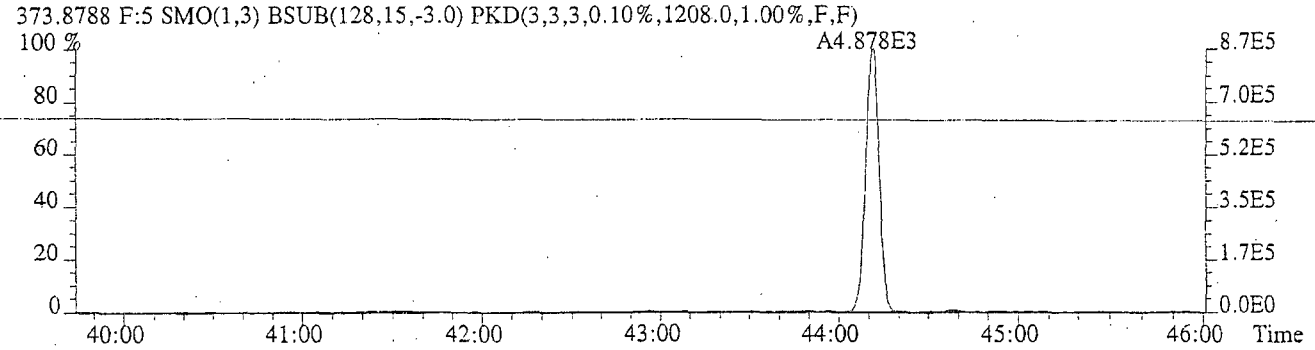
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4720.0,1.00%,F,F)



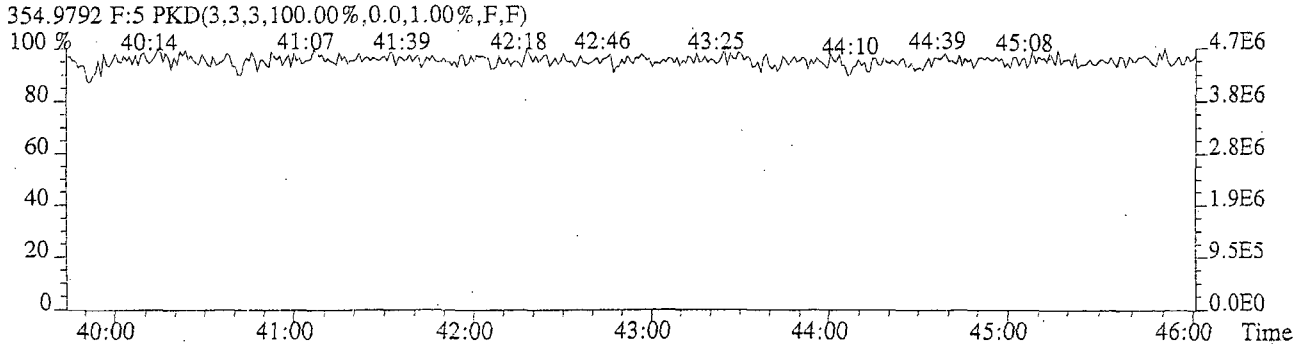
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,F)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1208.0,1.00%,F,F)

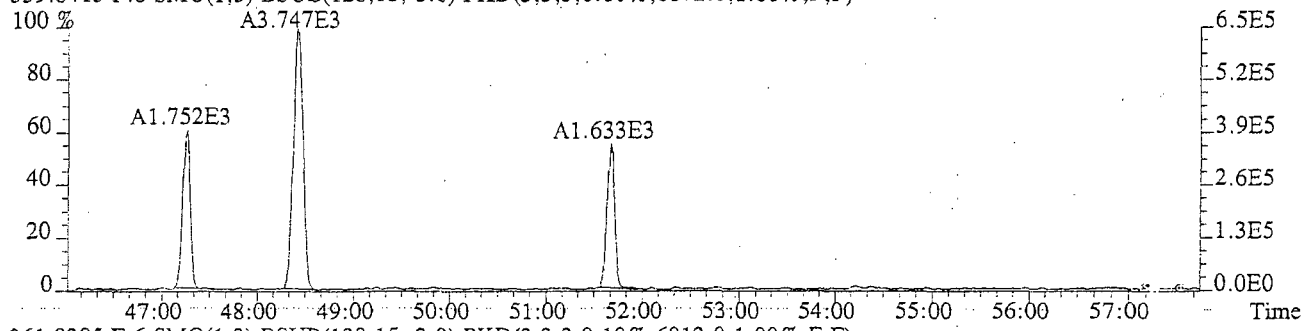


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

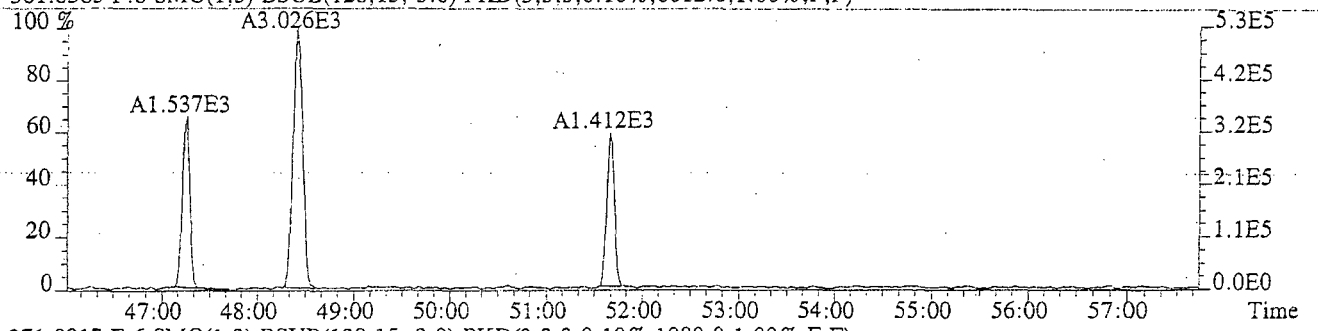


File:U220294 #1-580 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-02 LCS

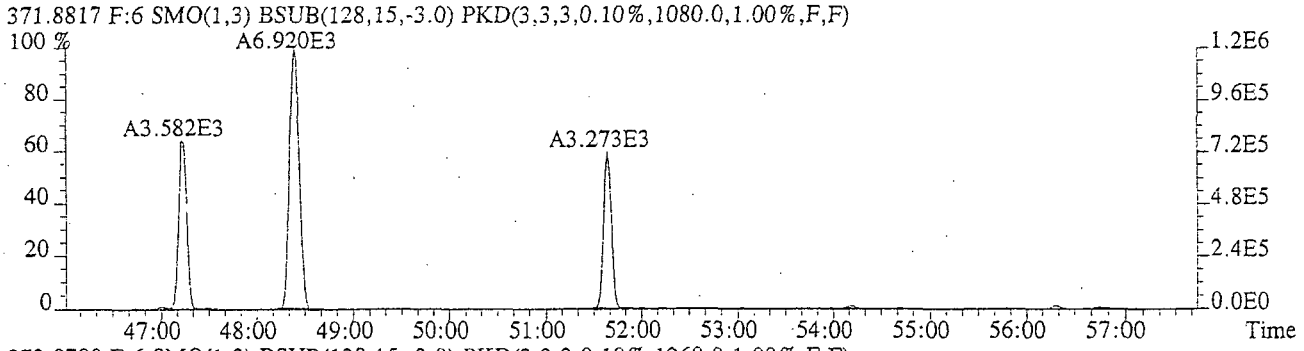
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6872.0,1.00%,F,F)



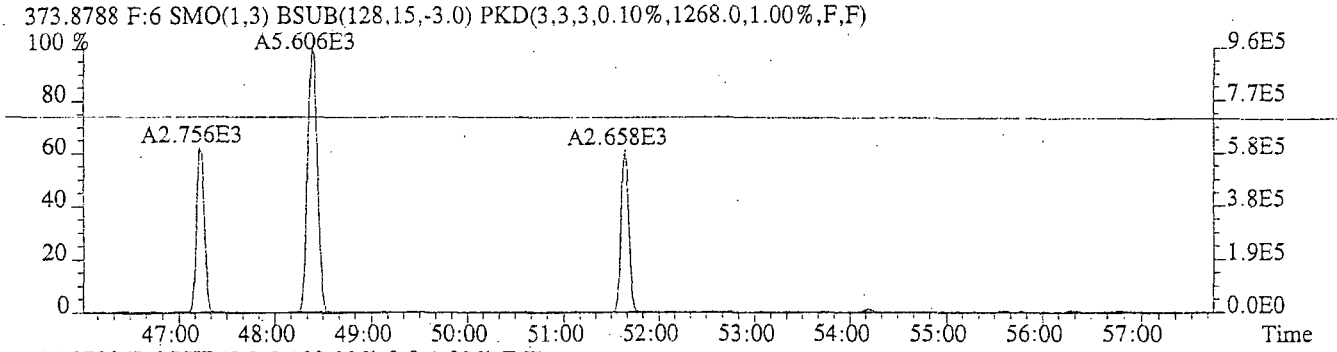
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6012.0,1.00%,F,F)



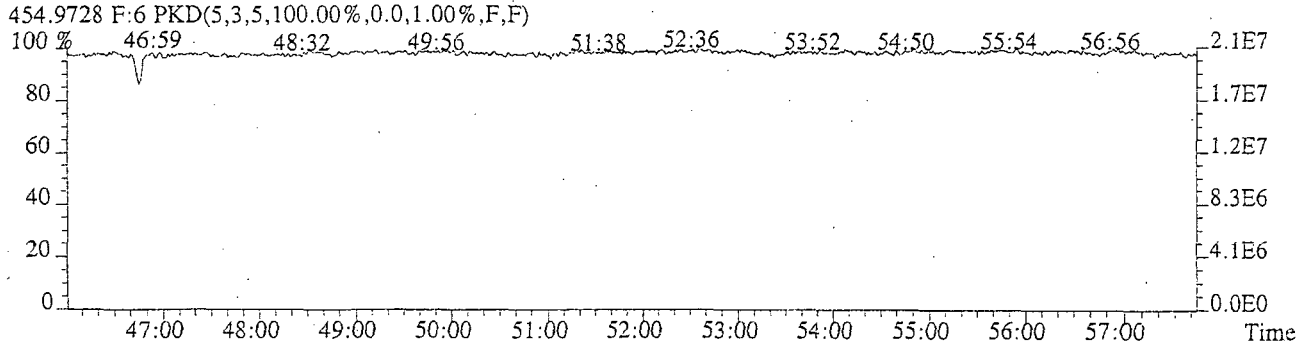
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,F)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1268.0,1.00%,F,F)

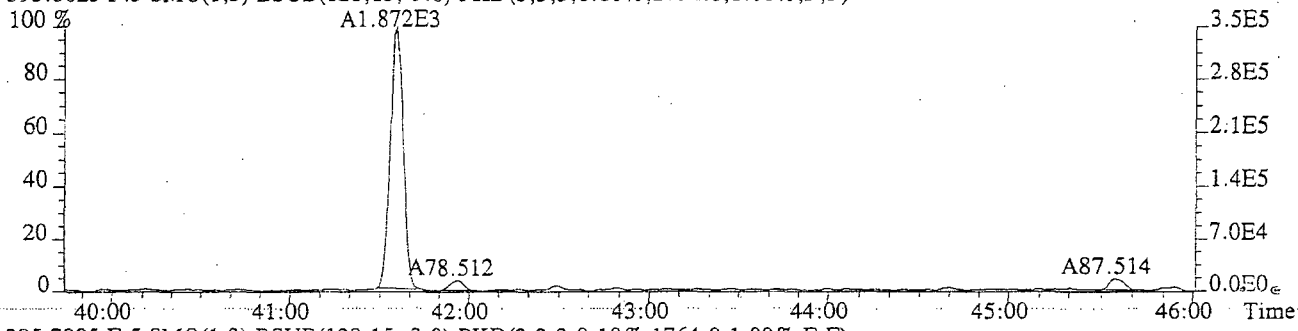


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

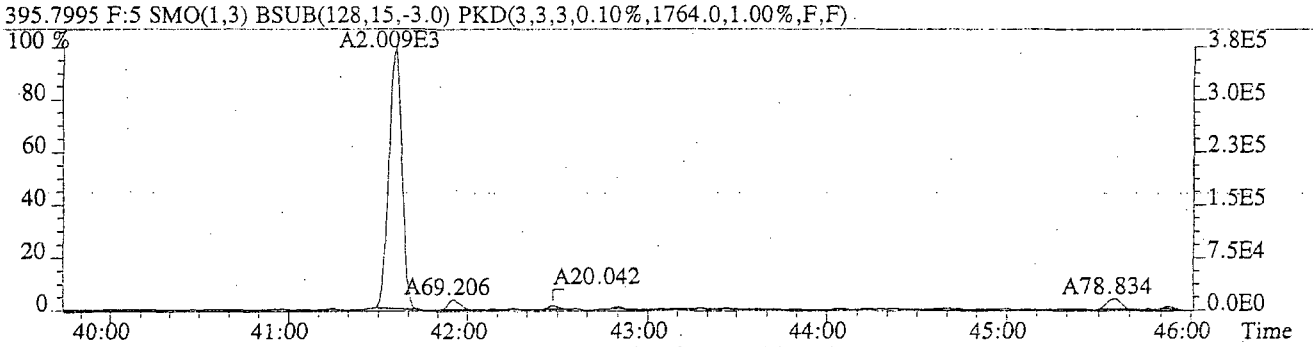


File:U220294 #1-402 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS

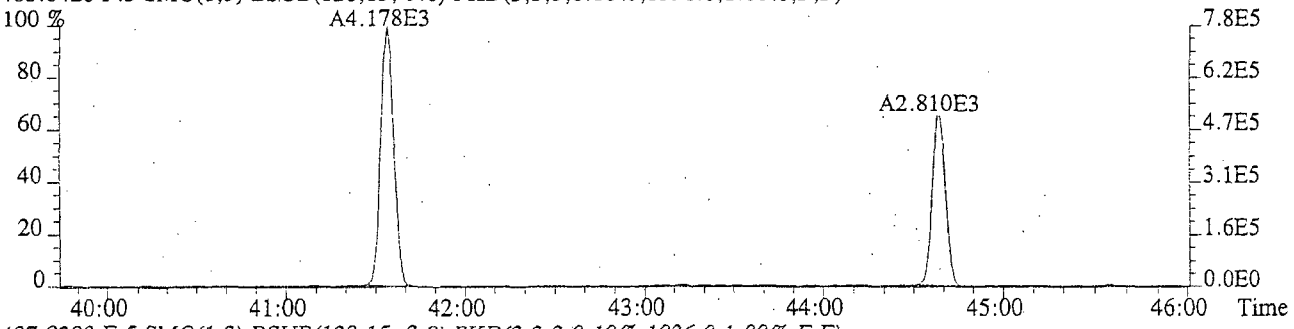
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2732.0,1.00%,F,F)



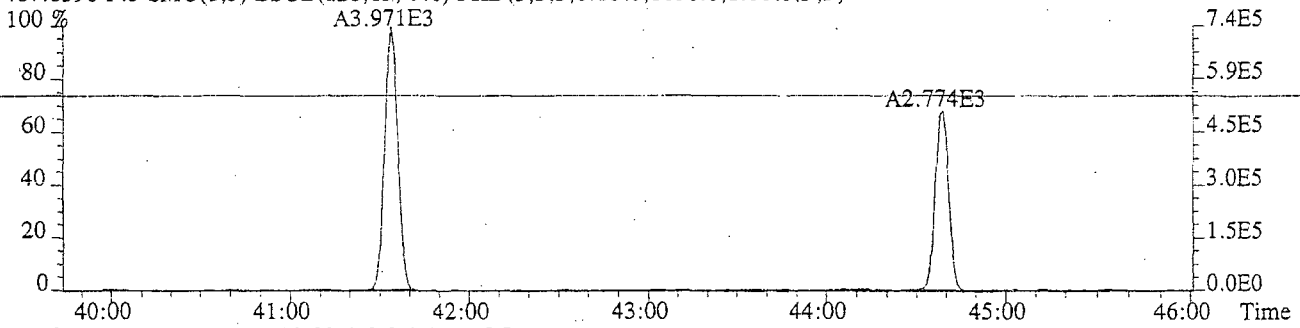
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1764.0,1.00%,F,F)



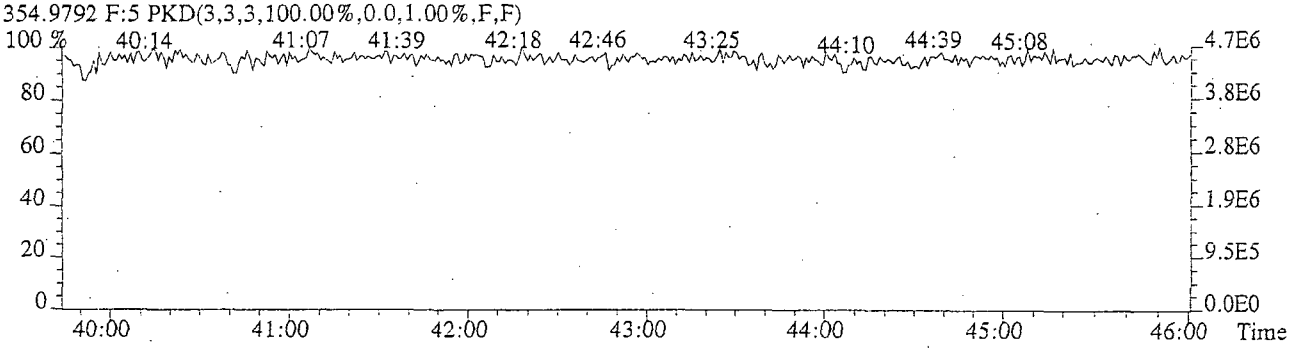
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,F)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1036.0,1.00%,F,F)

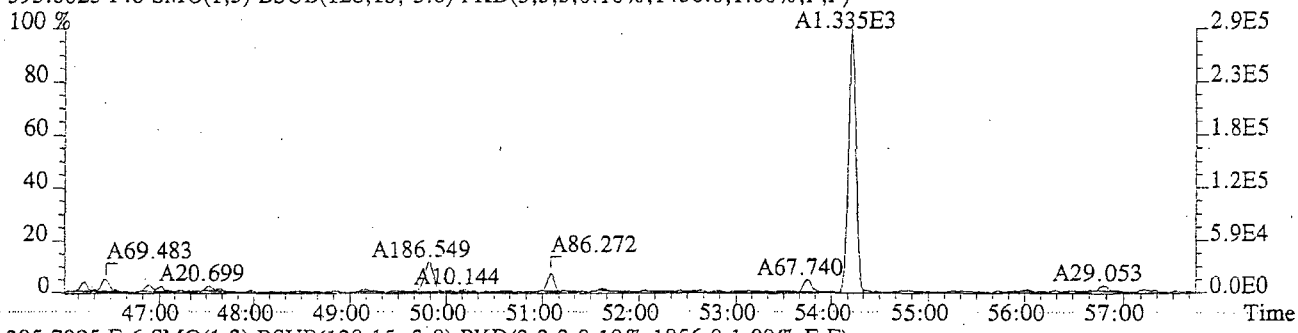


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

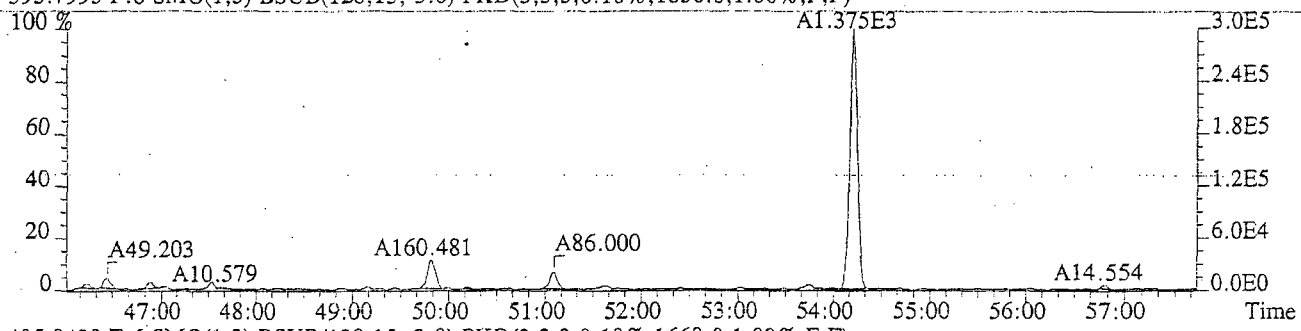


File:U220294 #1-580 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS

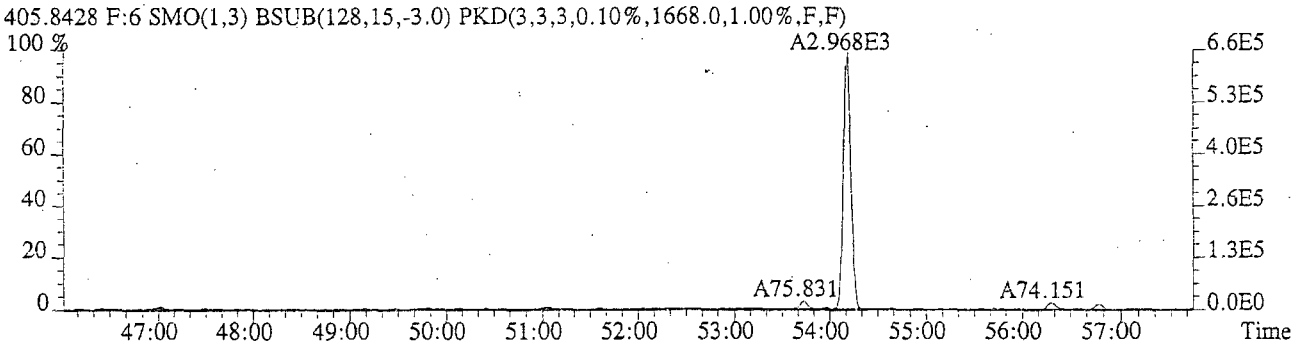
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1456.0,1.00%,F,F)



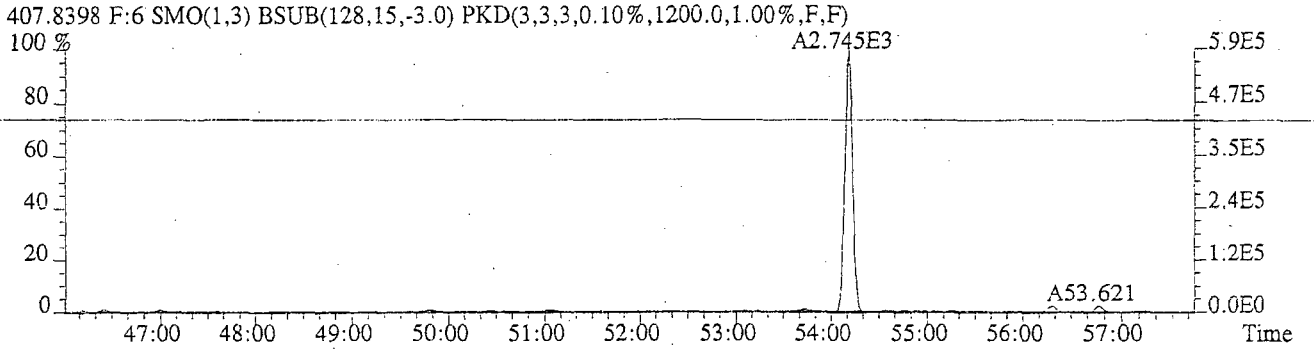
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1856.0,1.00%,F,F)



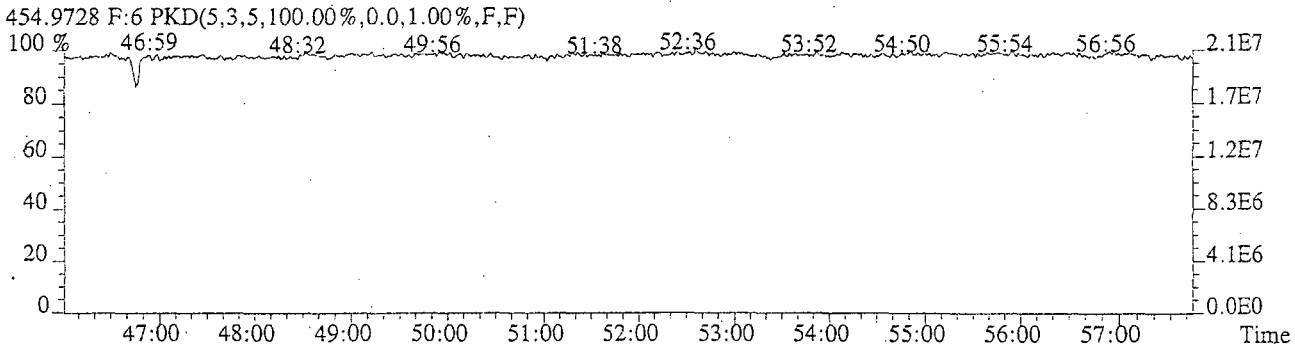
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1668.0,1.00%,F,F)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1200.0,1.00%,F,F)

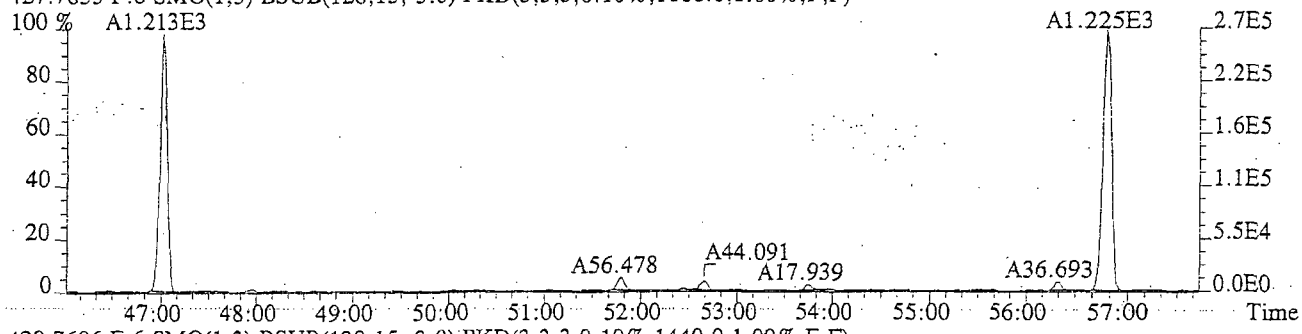


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

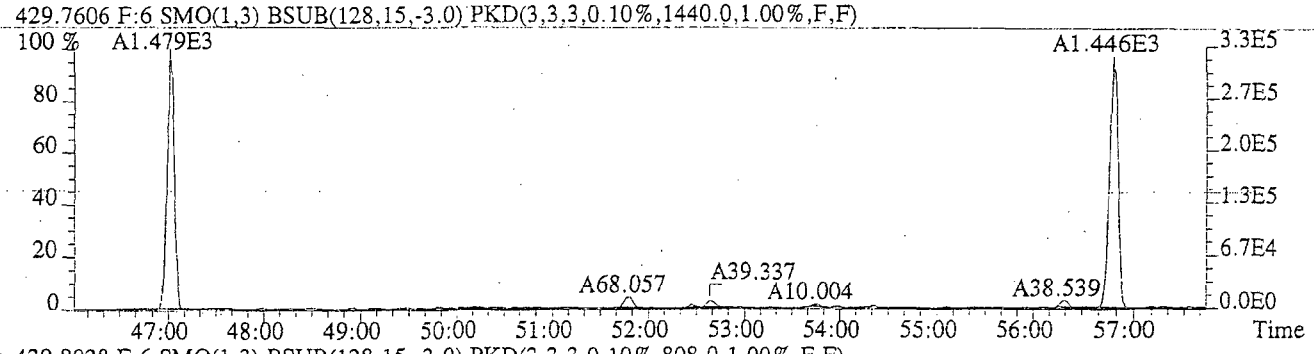


File:U220294 #1-580 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS

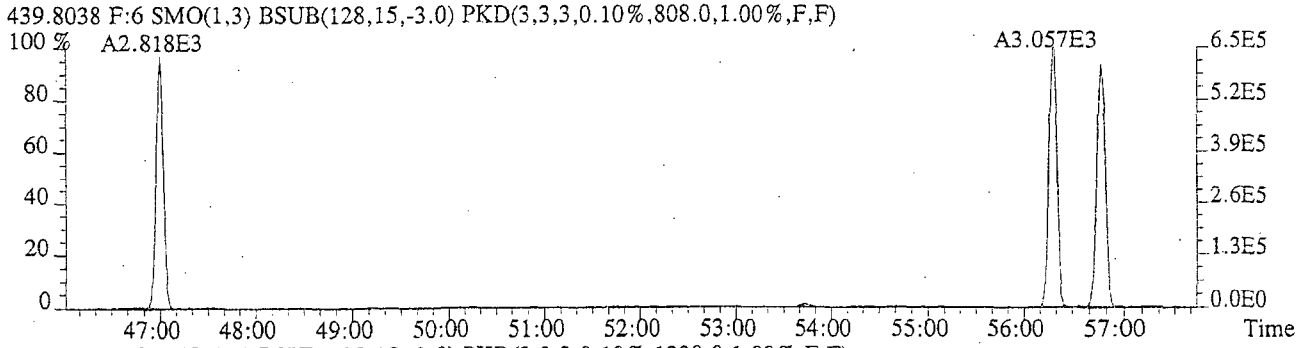
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1188.0,1.00%,F,F)



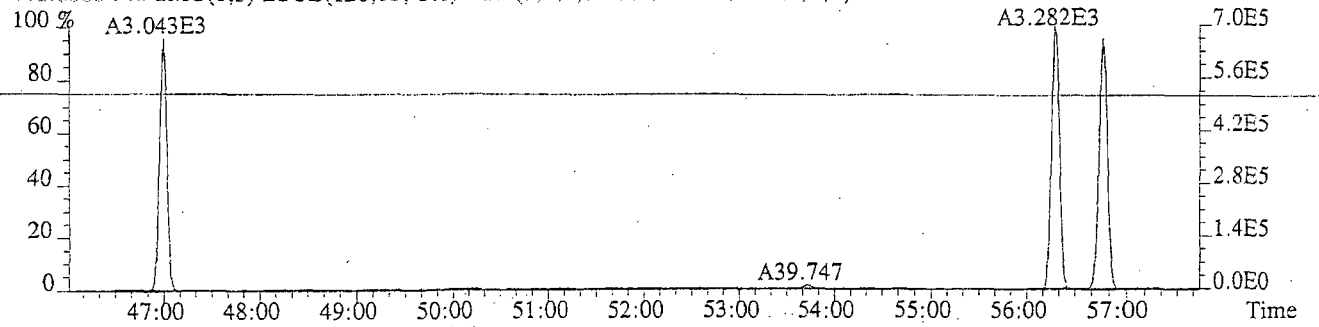
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,F)



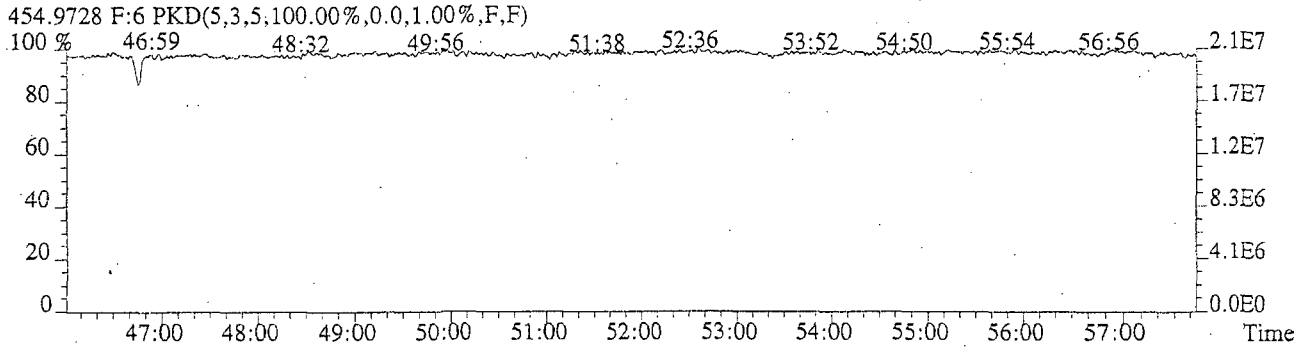
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,808.0,1.00%,F,F)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1220.0,1.00%,F,F)

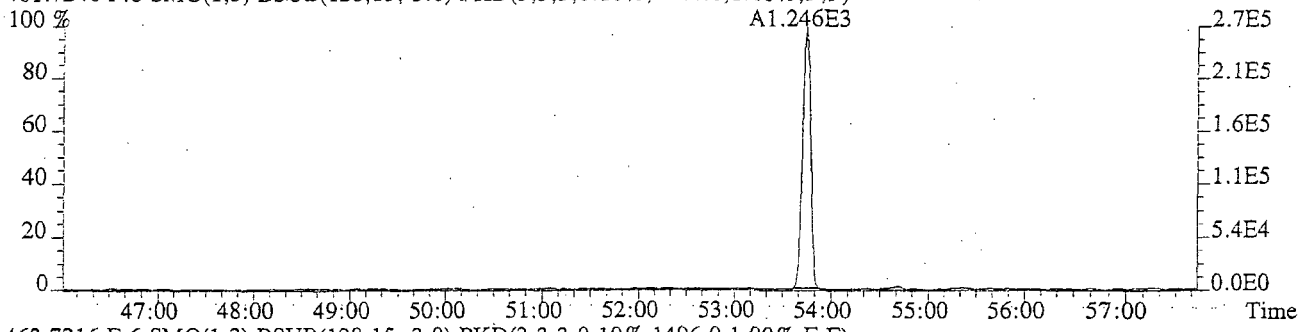


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

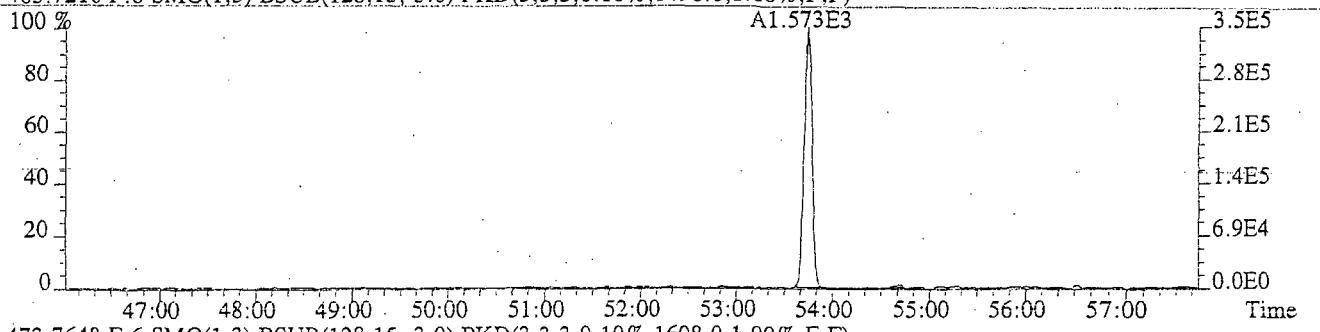


File:U220294 #1-580 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS

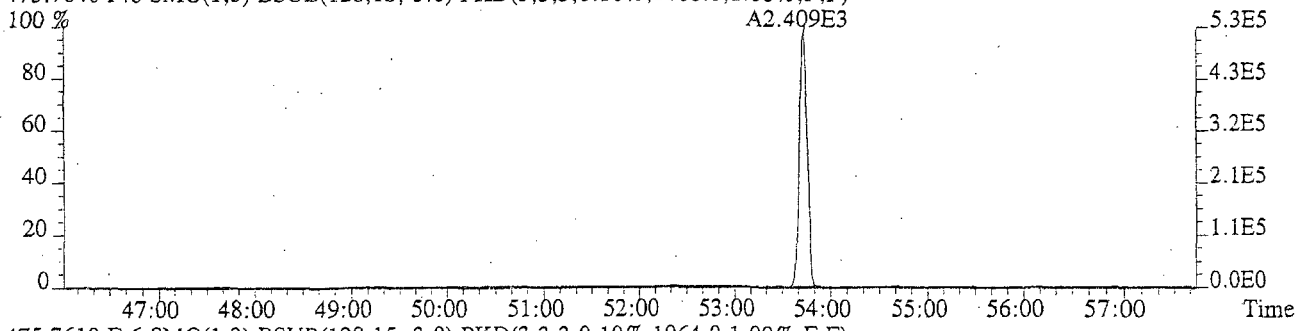
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1264.0,1.00%,F,F)



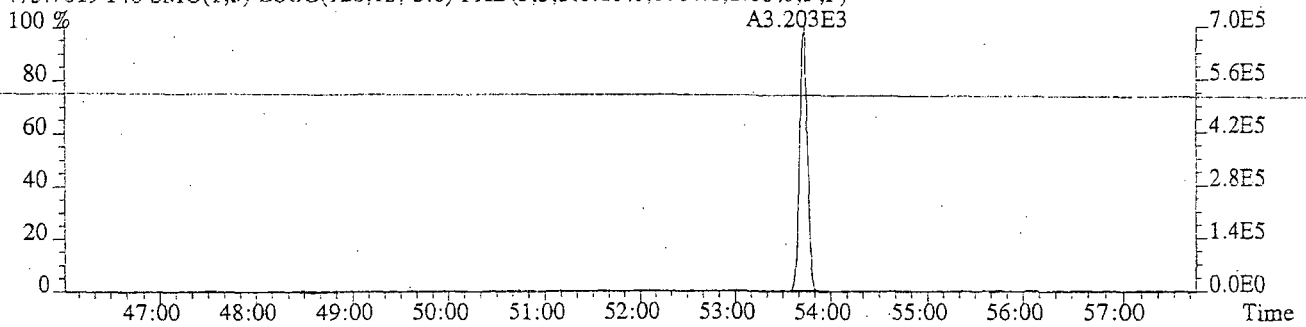
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1496.0,1.00%,F,F)



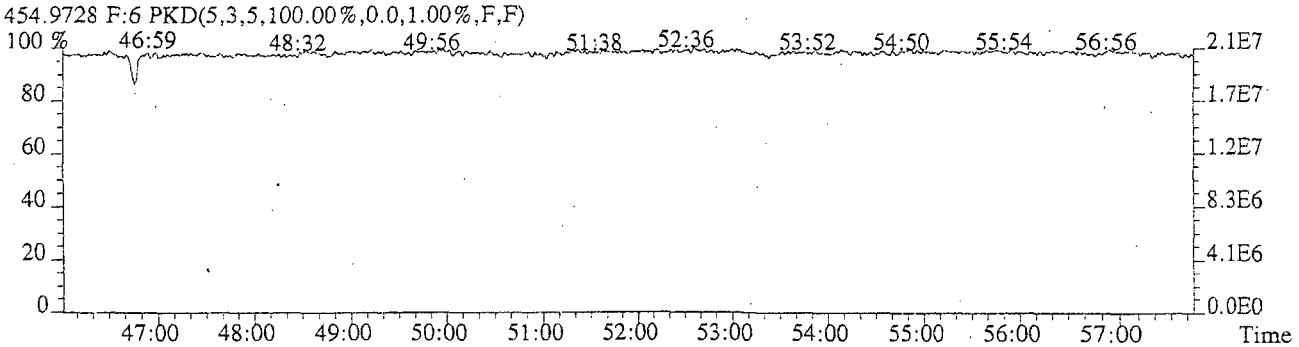
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1608.0,1.00%,F,F)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3.0.10%,1064.0,1.00%,F,F)

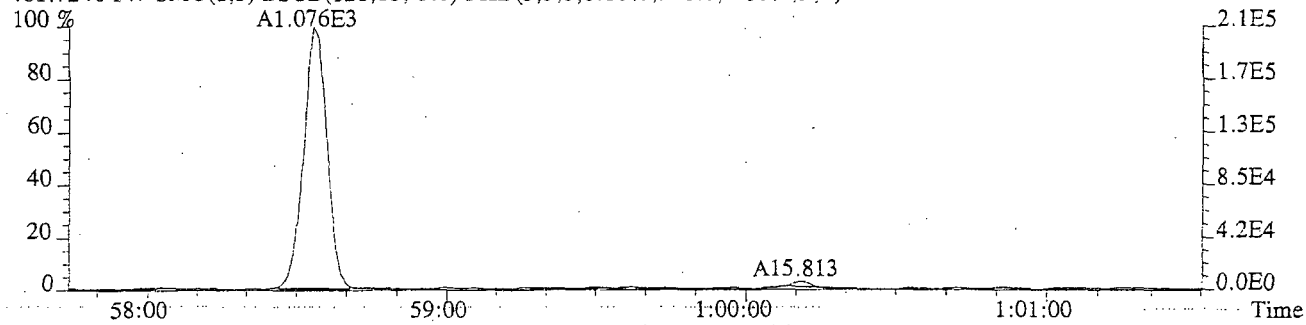


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

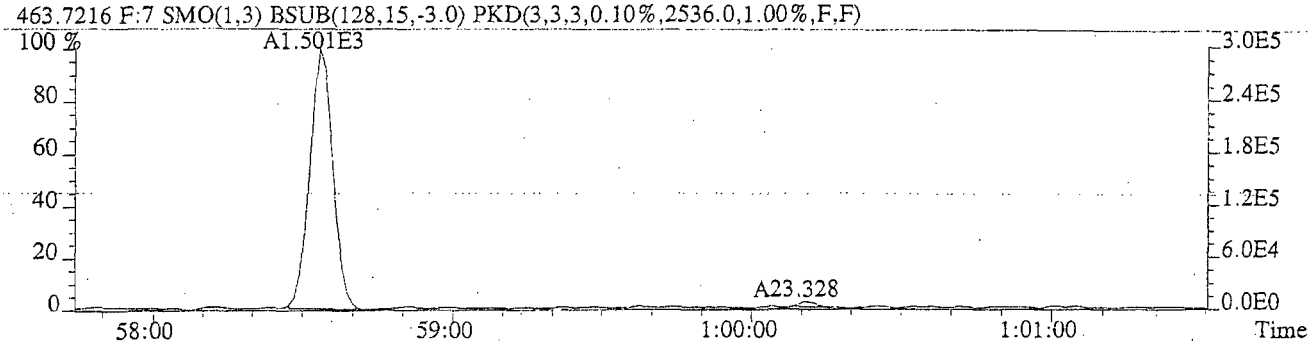


File:U220294 #1-213 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-02 LCS

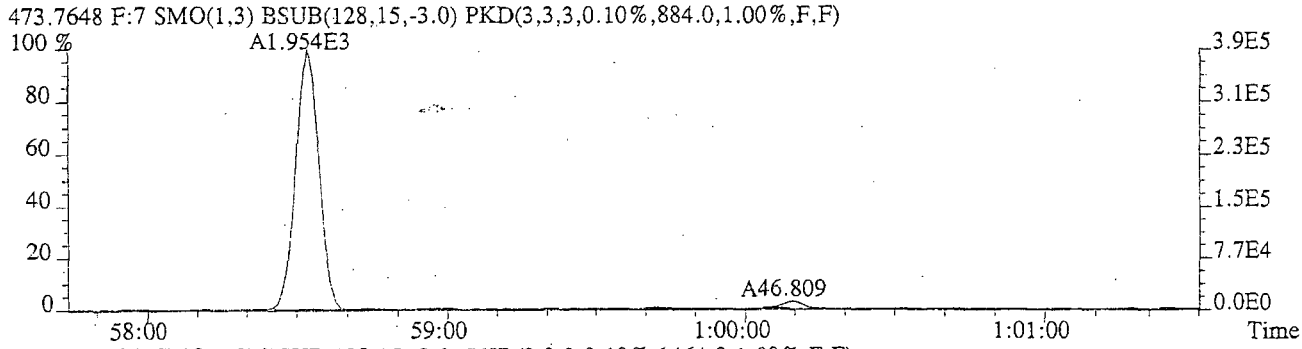
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,976.0,1.00%,F,F)



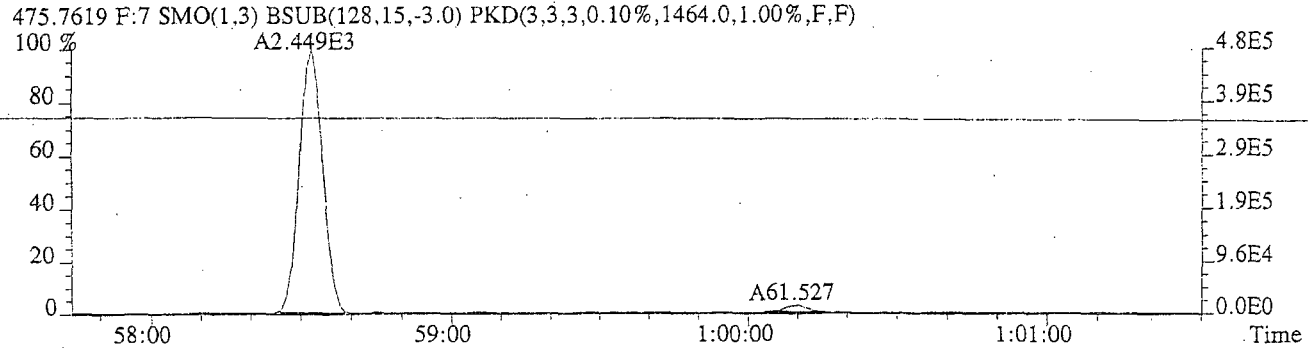
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2536.0,1.00%,F,F)



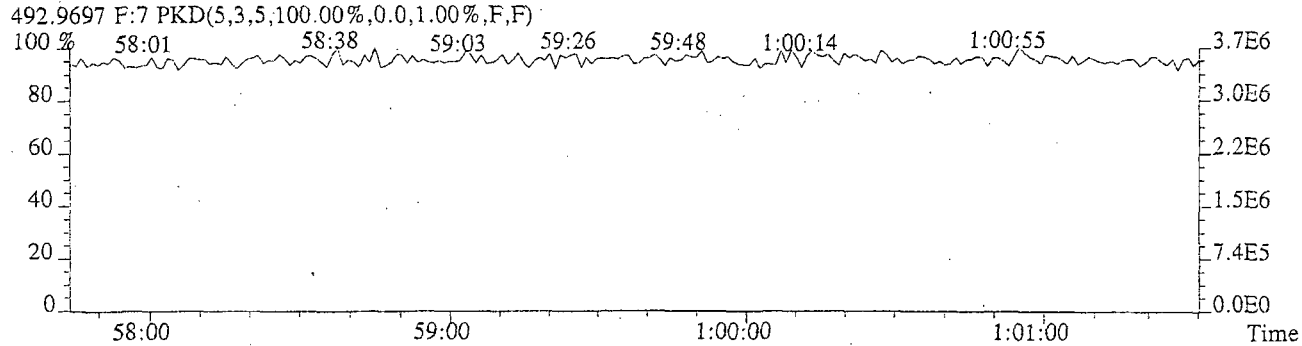
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,884.0,1.00%,F,F)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1464.0,1.00%,F,F)

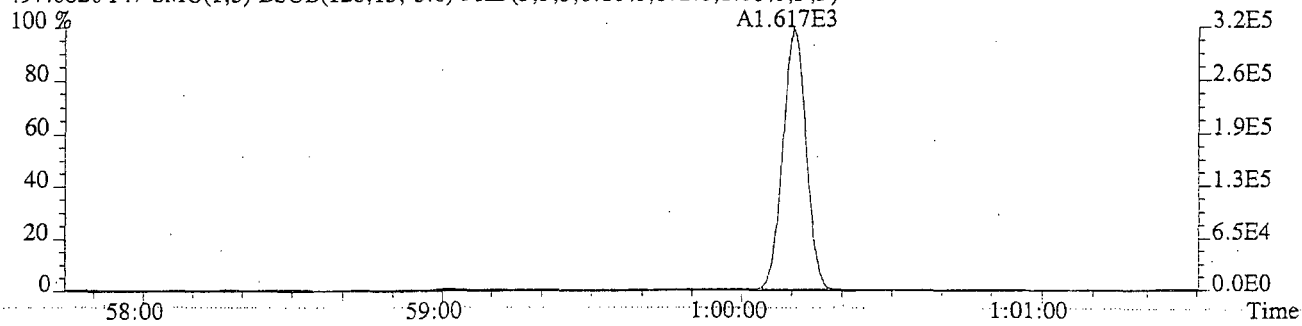


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

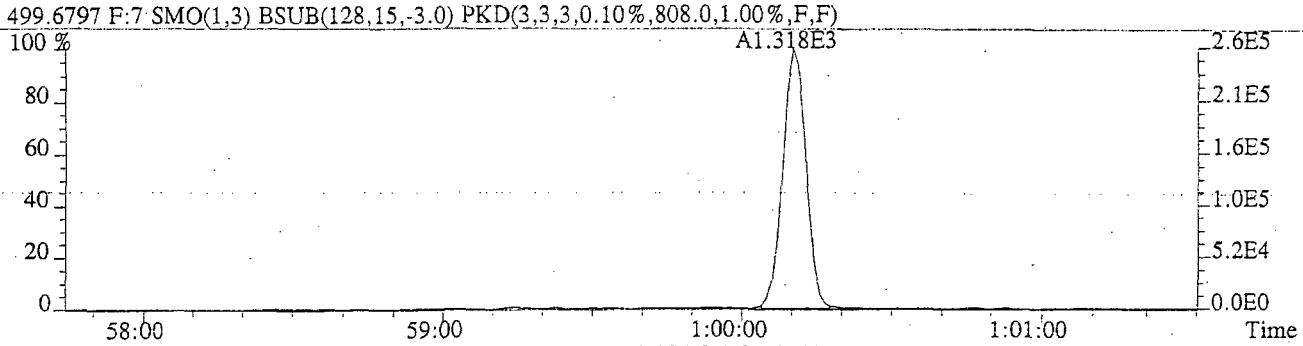


File:U220294 #1-213 Acq: 2-SEP-2009 15:49:07 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-02 LCS

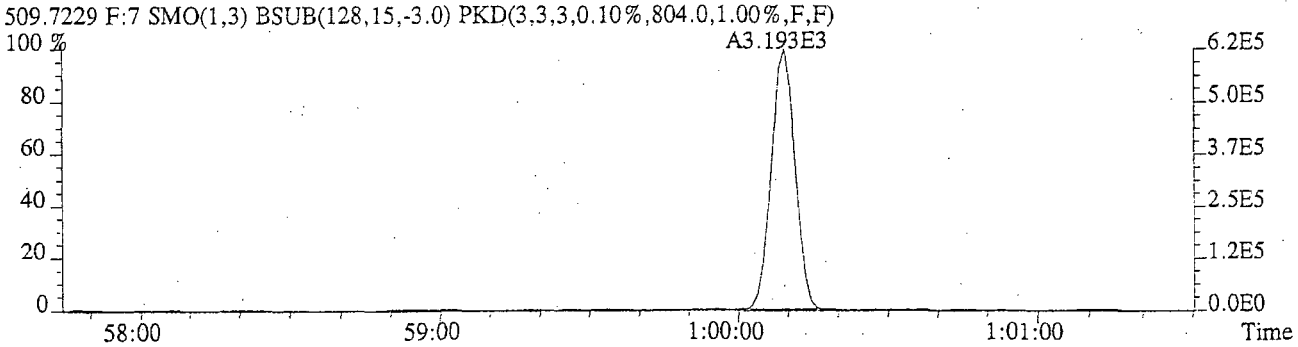
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,872.0,1.00%,F,F)



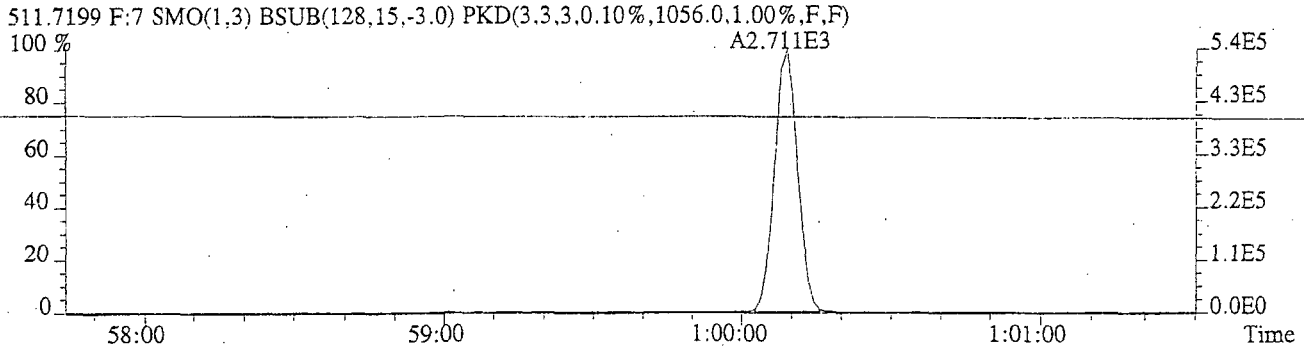
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,808.0,1.00%,F,F)



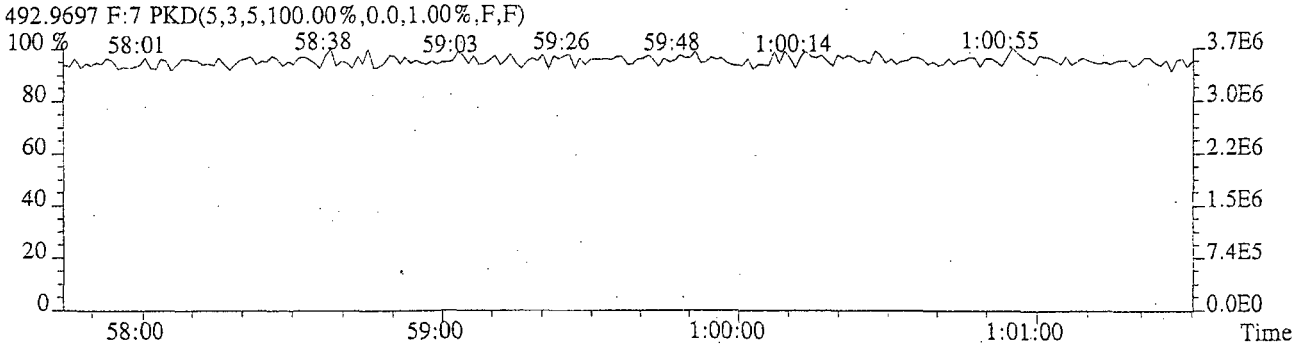
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,804.0,1.00%,F,F)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,F)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
LCS

Run #9 Filename U220371 #1 Samp: 1 Inj: 1 Acquired: 9-SEP-09 04:46:46
Processed: 10-SEP-09 10:11:20 LAB. ID: EQ0900337-02

	Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT
1	1	2-MoCB	14:24	2.758e+03	9.172e+02	3.01	yes	no	1.001
2	3	4-MoCB	16:55	3.256e+03	1.061e+03	3.07	yes	no	1.001
3	4	22'-DiCB	17:12	1.679e+03	1.026e+03	1.64	yes	yes	1.001
4	15	44'-DiCB	23:40	2.770e+03	1.893e+03	1.46	yes	no	1.001
5	19	22'6'-TrCB	20:39	1.019e+03	1.092e+03	0.93	yes	no	1.001
6	37	344'-TrCB	31:03	2.834e+03	2.984e+03	0.95	yes	no	1.001
7	54	22'66'-TeCB	23:59	1.297e+03	1.981e+03	0.65	yes	yes	1.001
8	81	344'5-TeCB	37:59	2.152e+03	2.858e+03	0.75	yes	no	1.001
9	77	33'44'-TeCB	38:33	2.097e+03	3.008e+03	0.70	yes	no	1.000
10	104	22'466'-PeCB	29:46	2.287e+03	1.450e+03	1.58	yes	no	1.001
11	123	2'344'5-PeCB	40:34	2.690e+03	1.768e+03	1.52	yes	no	1.001
12	118	23'44'5-PeCB	40:54	3.714e+03	2.378e+03	1.56	yes	no	1.000
13	114	2344'5-PeCB	41:26	2.846e+03	1.790e+03	1.59	yes	no	1.000
14	105	233'44'-PeCB	42:06	3.407e+03	2.188e+03	1.56	yes	no	1.000
15	126	33'44'5-PeCB	45:14	3.049e+03	1.887e+03	1.62	yes	no	1.001
16	155	22'44'66'-HxCB	35:36	1.832e+03	1.648e+03	1.11	yes	no	1.001
17	167	23'44'55'-HxCB	47:06	1.982e+03	1.798e+03	1.10	yes	no	1.001
18	156/7	233'44'5-HxCB	48:16	4.266e+03	3.621e+03	1.18	yes	no	1.000
19	169	33'44'55'-HxCB	51:31	2.132e+03	1.793e+03	1.19	yes	no	1.000
20	188	22'34'566'-HpCB	41:25	1.755e+03	1.869e+03	0.94	yes	no	1.000
21	189	233'44'55'-HpCB	54:03	1.669e+03	1.787e+03	0.93	yes	no	1.001
22	202	22'33'55'66'-OcCB	46:51	1.275e+03	1.514e+03	0.84	yes	no	1.001
23	205	233'44'55'6-OcCB	56:38	1.524e+03	1.866e+03	0.82	yes	no	1.001
24	208	22'33'4'55'66'-NoCB	53:33	1.472e+03	1.928e+03	0.76	yes	no	1.000
25	206	22'33'44'55'6-NoCB	58:24	1.147e+03	1.605e+03	0.71	yes	no	1.001
26	209	DeCB	59:59	1.885e+03	1.573e+03	1.20	yes	no	1.001
27	1L	13C-2-MoCB	14:23	4.581e+03	1.460e+03	3.14	yes	no	0.742
28	3L	13C-4-MoCB	16:54	5.330e+03	1.709e+03	3.12	yes	no	0.872
29	4L	13C-22'-DiCB	17:11	2.983e+03	2.109e+03	1.41	yes	no	0.886
30	15L	13C-44'-DiCB	23:39	4.868e+03	3.095e+03	1.57	yes	no	1.220
31	19L	13C-22'6'-TrCB	20:38	1.763e+03	1.815e+03	0.97	yes	no	1.064
32	37L	13C-344'-TrCB	31:02	4.630e+03	4.639e+03	1.00	yes	no	1.079
33	54L	13C-22'66'-TeCB	23:58	2.538e+03	3.365e+03	0.75	yes	no	0.834
34	81L	13C-344'5-TeCB	37:57	3.882e+03	4.897e+03	0.79	yes	no	1.320
35	77L	13C-33'44'-TeCB	38:32	3.977e+03	5.025e+03	0.79	yes	no	1.340
36	104L	13C-22'466'-PeCB	29:45	3.758e+03	2.425e+03	1.55	yes	no	0.831
37	123L	13C-2'344'5-PeCB	40:32	4.879e+03	3.242e+03	1.51	yes	no	1.132
38	118L	13C-23'44'5-PeCB	40:53	5.275e+03	3.472e+03	1.52	yes	no	1.142
39	114L	13C-2344'5-PeCB	41:25	4.938e+03	3.256e+03	1.52	yes	no	1.157
40	105L	13C-233'44'-PeCB	42:05	5.180e+03	3.456e+03	1.50	yes	no	1.176
41	126L	13C-33'44'5-PeCB	45:12	5.633e+03	3.813e+03	1.48	yes	no	1.263
42	155L	13C-22'44'66'-HxCB	35:34	3.249e+03	2.757e+03	1.18	yes	no	0.808
43	167L	13C-23'44'55'-HxCB	47:04	4.057e+03	3.212e+03	1.26	yes	no	1.069
44	156/7	13C-233'44'5'-HxCB	48:15	7.972e+03	6.615e+03	1.21	yes	no	1.096
45	169L	13C-33'44'55'-HxCB	51:30	3.979e+03	3.047e+03	1.31	yes	no	1.170
46	188L	13C-22'34'566'-HpCB	41:24	3.568e+03	3.465e+03	1.03	yes	no	0.737
47	189La	13C-233'44'55'-HpCB	54:01	3.711e+03	3.523e+03	1.05	yes	no	0.962
48	202La	13C-22'33'55'66'-OcCB	46:49	2.763e+03	3.078e+03	0.90	yes	no	0.834
49	205L,	13C-233'44'55'6-OcCB	56:36	3.408e+03	3.726e+03	0.91	yes	no	1.008
50	208L	713C-22'33'4'55'66'-NoCB	53:32	2.908e+03	3.840e+03	0.76	yes	no	0.953
51	206L	13C-22'33'44'55'6-NoCB	58:21	2.260e+03	2.949e+03	0.77	yes	no	1.039
52	209L	13C-DeCB	59:57	3.750e+03	3.221e+03	1.16	yes	no	1.068

53 28L	13C-244'-TrCB	26:51	6.287e+03	6.311e+03	1.00	yes	no	0.934
54111L	13C-233'55'-PeCB	38:32	6.677e+03	4.366e+03	1.53	yes	no	1.076
55178L	13C-22'33'55'6-HpCB	44:28	3.981e+03	3.934e+03	1.01	yes	no	1.010
56 9L	13C-2,5-DiCB	19:23	2.264e+04	1.453e+04	1.56	yes	no	*
57 52L	13C-22'55'-TeCB	28:45	1.209e+04	1.589e+04	0.76	yes	no	*
58101L	13C-22'4'55'-PeCB	35:48	1.619e+04	1.053e+04	1.54	yes	no	*
59138L	13C-22'3'44'5'-HxCB	44:01	1.565e+04	1.266e+04	1.24	yes	no	*
60194L	13C-22'33'44'55'-OcCB	56:09	7.904e+03	8.992e+03	0.88	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
LCS

Run #9 Filename U220371 #1 Samp: 1 Inj: 1 Acquired: 9-SEP-09 04:46:46

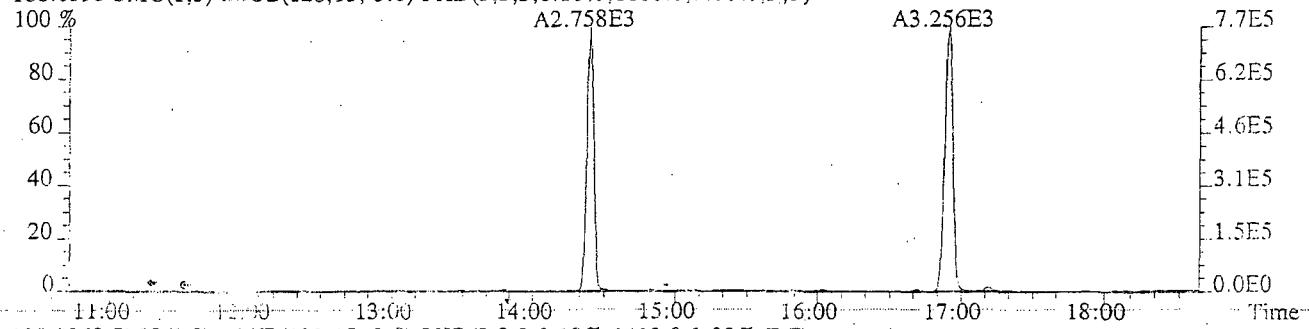
Processed: 10-SEP-09 10:11:20 LAB. ID: EQ0900337-02

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	7.68e+05	1.88e+03	4.1e+02	2.54e+05	1.41e+03	1.8e+02
2	4-MoCB	7.70e+05	1.88e+03	4.1e+02	2.49e+05	1.41e+03	1.8e+02
3	22'-DiCB	4.03e+05	1.98e+03	2.0e+02	2.41e+05	1.88e+04	1.3e+01
4	44'-DiCB	5.89e+05	2.03e+03	2.9e+02	4.18e+05	1.18e+04	3.5e+01
5	22'6'-TrCB	2.37e+05	2.33e+03	1.0e+02	2.58e+05	1.90e+03	1.4e+02
6	344'-TrCB	5.26e+05	3.22e+03	1.6e+02	5.52e+05	2.25e+03	2.5e+02
7	22'66'-TeCB	2.76e+05	9.84e+02	2.8e+02	4.32e+05	1.05e+03	4.1e+02
8	344'5-TeCB	3.98e+05	1.73e+03	2.3e+02	5.12e+05	1.98e+03	2.6e+02
9	33'44'-TeCB	3.74e+05	1.73e+03	2.2e+02	5.35e+05	1.98e+03	2.7e+02
10	22'466'-PeCB	4.31e+05	1.20e+03	3.6e+02	2.65e+05	1.37e+03	1.9e+02
11	2'344'5-PeCB	4.86e+05	4.24e+03	1.1e+02	3.16e+05	1.53e+03	2.1e+02
12	23'44'5-PeCB	6.94e+05	4.24e+03	1.6e+02	4.26e+05	1.53e+03	2.8e+02
13	2344'5-PeCB	5.33e+05	4.24e+03	1.3e+02	3.24e+05	1.53e+03	2.1e+02
14	233'44'-PeCB	6.09e+05	4.24e+03	1.4e+02	3.91e+05	1.53e+03	2.6e+02
15	33'44'5-PeCB	5.46e+05	4.24e+03	1.3e+02	3.33e+05	1.53e+03	2.2e+02
16	22'44'66'-HxCB	3.44e+05	1.11e+03	3.1e+02	3.10e+05	1.44e+03	2.2e+02
17	23'44'55'-HxCB	4.47e+05	1.57e+03	2.9e+02	4.08e+05	1.60e+03	2.6e+02
18	233'44'5-HxCB	7.11e+05	1.57e+03	4.5e+02	6.09e+05	1.60e+03	3.8e+02
19	33'44'55'-HxCB	4.62e+05	1.57e+03	2.9e+02	3.93e+05	1.60e+03	2.5e+02
20	22'34'566'-HpCB	3.19e+05	1.03e+03	3.1e+02	3.45e+05	8.40e+02	4.1e+02
21	233'44'55'-HpCB	3.65e+05	1.19e+03	3.1e+02	3.84e+05	5.64e+02	6.8e+02
22	22'33'55'66'-OcCB	2.80e+05	6.92e+02	4.0e+02	3.35e+05	9.28e+02	3.6e+02
23	233'44'55'6-OcCB	3.25e+05	6.92e+02	4.7e+02	4.05e+05	9.28e+02	4.4e+02
24	22'33'4'55'66'-NoCB	3.29e+05	9.92e+02	3.3e+02	4.20e+05	1.41e+03	3.0e+02
25	22'33'44'55'6-NoCB	2.22e+05	1.37e+03	1.6e+02	3.16e+05	3.06e+03	1.0e+02
26	DeCB	3.74e+05	1.12e+03	3.3e+02	3.09e+05	1.00e+03	3.1e+02
27	13C-2-MoCB	1.27e+06	1.64e+03	7.7e+02	4.18e+05	1.16e+04	3.6e+01
28	13C-4-MoCB	1.25e+06	1.64e+03	7.6e+02	3.92e+05	1.16e+04	3.4e+01
29	13C-22'-DiCB	6.93e+05	2.99e+03	2.3e+02	4.91e+05	1.94e+03	2.5e+02
30	13C-44'-DiCB	1.06e+06	6.47e+03	1.6e+02	6.85e+05	2.07e+03	3.3e+02
31	13C-22'6'-TrCB	4.07e+05	1.86e+04	2.2e+01	4.14e+05	5.90e+03	7.0e+01
32	13C-344'-TrCB	8.56e+05	1.85e+04	4.6e+01	8.40e+05	9.56e+03	8.8e+01
33	13C-22'66'-TeCB	5.54e+05	2.09e+03	2.6e+02	7.42e+05	1.68e+03	4.4e+02
34	13C-344'5-TeCB	7.07e+05	1.88e+03	3.8e+02	8.95e+05	1.73e+03	5.2e+02
35	13C-33'44'-TeCB	7.22e+05	1.88e+03	3.8e+02	9.06e+05	1.73e+03	5.2e+02
36	13C-22'466'-PeCB	7.00e+05	1.20e+03	5.8e+02	4.53e+05	1.03e+03	4.4e+02
37	13C-2'344'5-PeCB	8.93e+05	1.14e+03	7.8e+02	5.79e+05	9.36e+02	6.2e+02
38	13C-23'44'5-PeCB	9.49e+05	1.14e+03	8.3e+02	6.36e+05	9.36e+02	6.8e+02
39	13C-2344'5-PeCB	8.97e+05	1.14e+03	7.8e+02	5.76e+05	9.36e+02	6.2e+02
40	13C-233'44'-PeCB	9.28e+05	1.14e+03	8.1e+02	6.09e+05	9.36e+02	6.5e+02
41	13C-33'44'5-PeCB	1.00e+06	1.14e+03	8.8e+02	6.89e+05	9.36e+02	7.4e+02
42	13C-22'44'66'-HxCB	6.10e+05	8.28e+02	7.4e+02	5.16e+05	9.56e+02	5.4e+02
43	13C-23'44'55'-HxCB	8.85e+05	1.62e+03	5.4e+02	7.08e+05	7.08e+02	1.0e+03
44	13C-233'44'5'-HxCB	1.28e+06	1.62e+03	7.9e+02	1.10e+06	7.08e+02	1.5e+03
45	13C-33'44'55'-HxCB	8.65e+05	1.62e+03	5.3e+02	6.76e+05	7.08e+02	9.6e+02
46	13C-22'34'566'-HpCB	6.59e+05	1.25e+03	5.3e+02	6.45e+05	1.04e+03	6.2e+02
47	13C-233'44'55'-HpCB	8.09e+05	1.15e+03	7.0e+02	7.89e+05	7.12e+02	1.1e+03
48	13C-22'33'55'66'-OcCB	6.08e+05	6.88e+02	8.8e+02	6.69e+05	6.20e+02	1.1e+03
49	13C-233'44'55'6-OcCB	7.52e+05	6.88e+02	1.1e+03	8.25e+05	6.20e+02	1.3e+03
50	13C-22'33'4'55'66'-NoCB	6.25e+05	6.68e+02	9.4e+02	8.40e+05	6.56e+02	1.3e+03

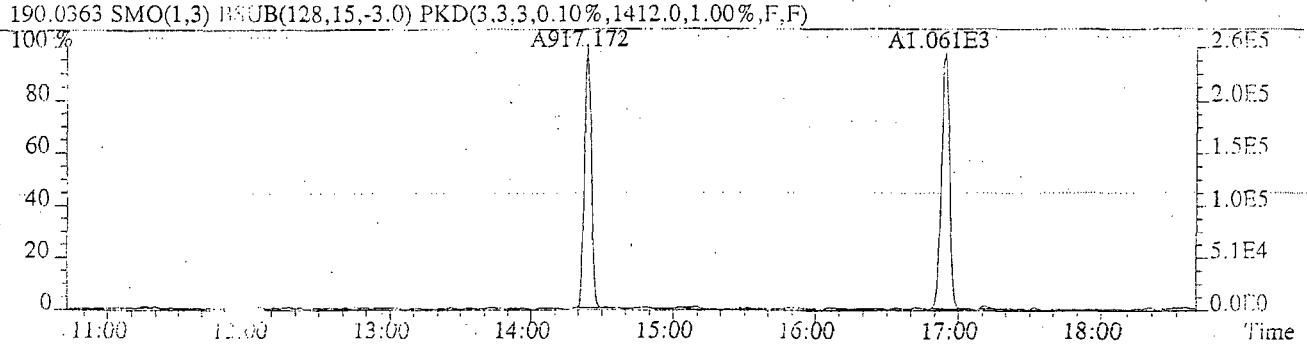
51	13C-22'33'44'55'6-NoCB	4.50e+05	1.01e+03	4.5e+02	5.76e+05	1.48e+03	3.9e+02
52	13C-DeCB	7.18e+05	9.32e+02	7.7e+02	6.14e+05	1.02e+03	6.0e+02
53	13C-244'-TrCB	1.18e+06	1.85e+04	6.4e+01	1.18e+06	9.56e+03	1.2e+02
54	13C-233'55'-PeCB	1.25e+06	1.08e+03	1.2e+03	8.06e+05	1.30e+03	6.2e+02
55	13C-22'33'55'6-HpCB	7.14e+05	1.25e+03	5.7e+02	7.15e+05	1.04e+03	6.8e+02
56	13C-2,5-DiCB	5.44e+06	6.47e+03	8.4e+02	3.50e+06	2.07e+03	1.7e+03
57	13C-22'55'-TeCB	2.29e+06	1.71e+03	1.3e+03	3.00e+06	1.86e+03	1.6e+03
58	13C-22'4'55'-PeCB	3.00e+06	1.08e+03	2.8e+03	1.95e+06	1.30e+03	1.5e+03
59	13C-22'3'44'5'-HxCB	2.87e+06	1.07e+03	2.7e+03	2.34e+06	8.28e+02	2.8e+03
60	13C-22'33'44'55'-OcCB	1.69e+06	6.88e+02	2.5e+03	1.89e+06	6.20e+02	3.1e+03

File:U220371 #1-510 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900337-02 LCS

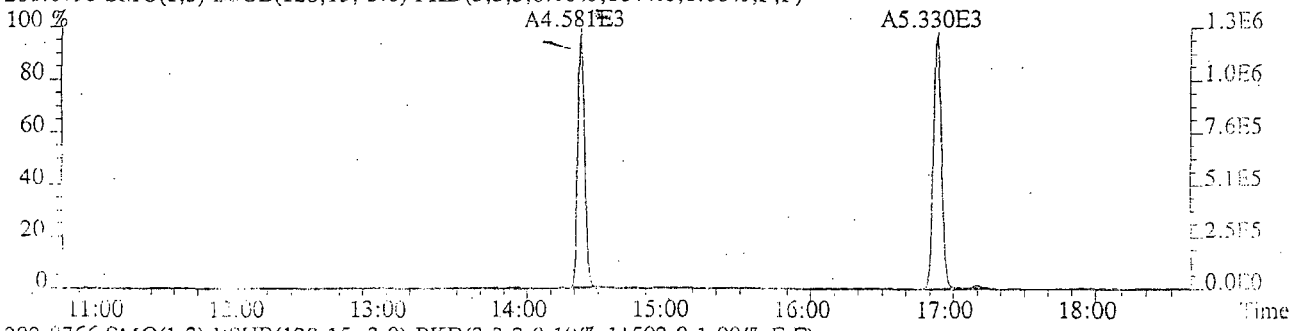
188.0395 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1880.0,1.00%,F,F)



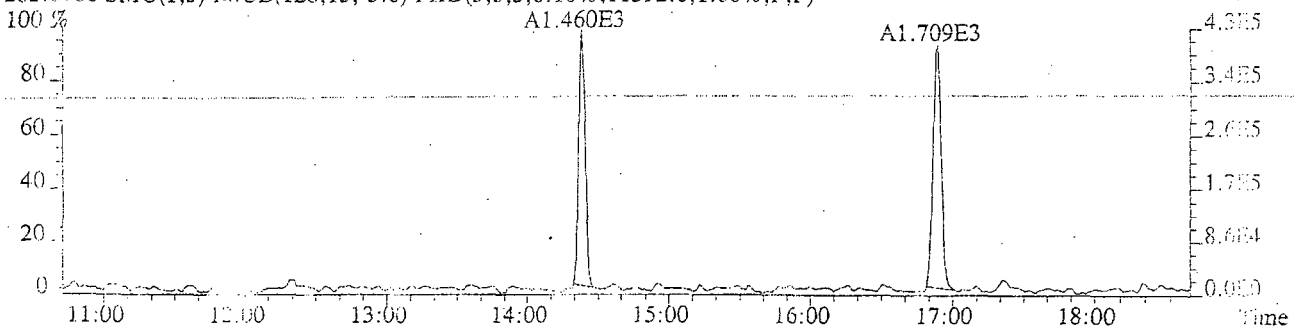
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1412.0,1.00%,F,F)



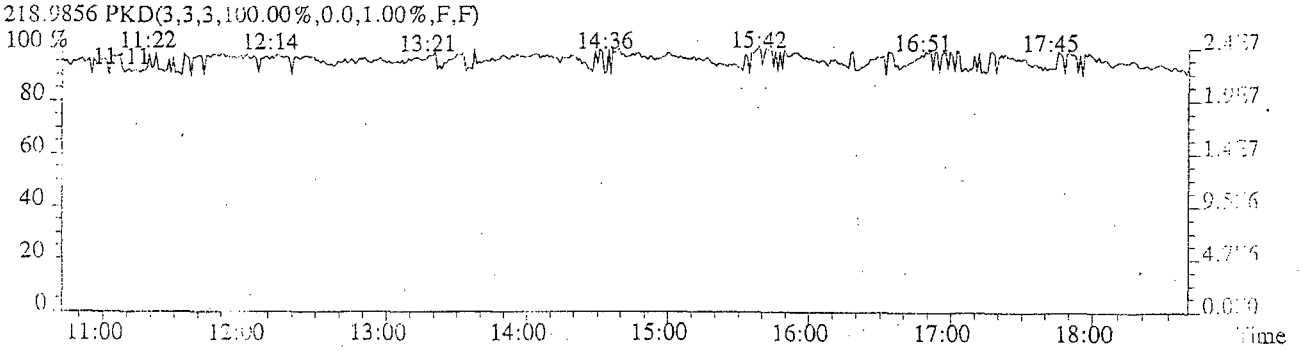
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1644.0,1.00%,F,F)



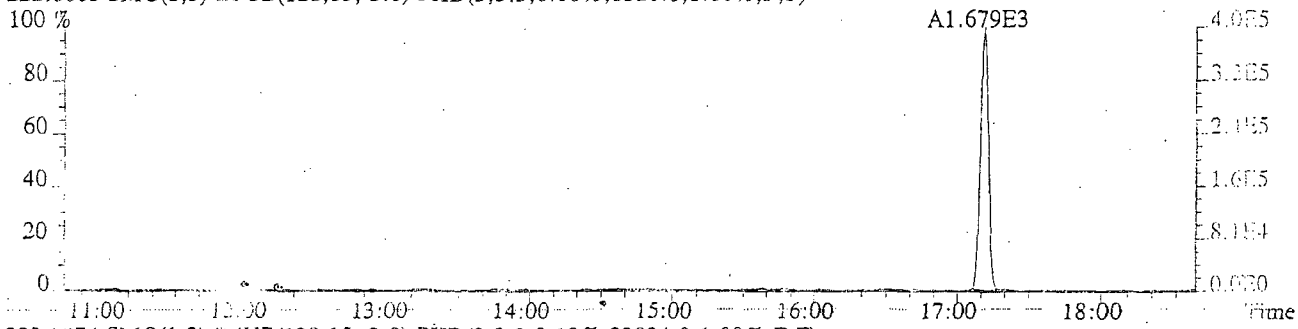
202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11592.0,1.00%,F,F)



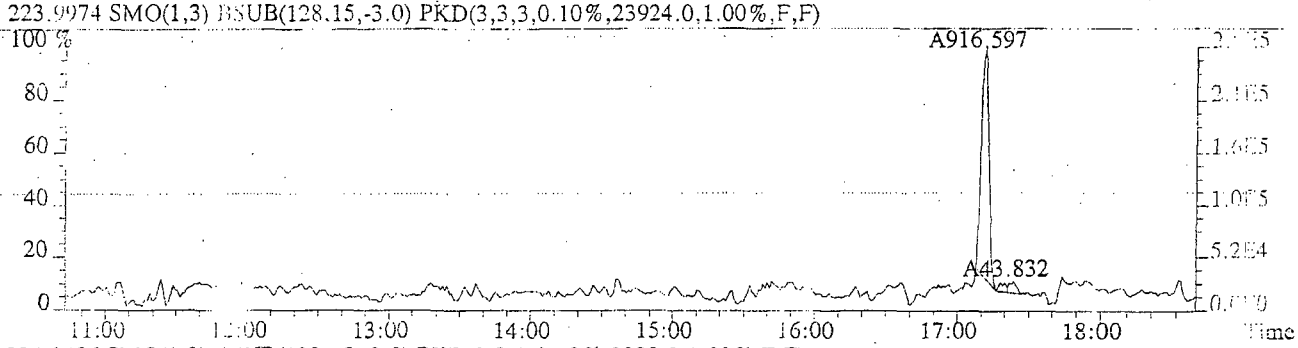
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



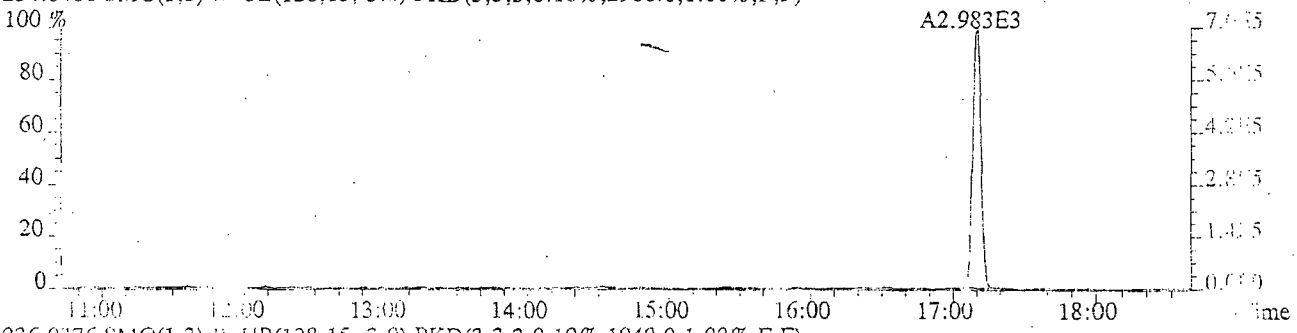
File:U220371 #1-510 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:EQ0900337-02 LCS
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1520.0,1.00%,F,F)



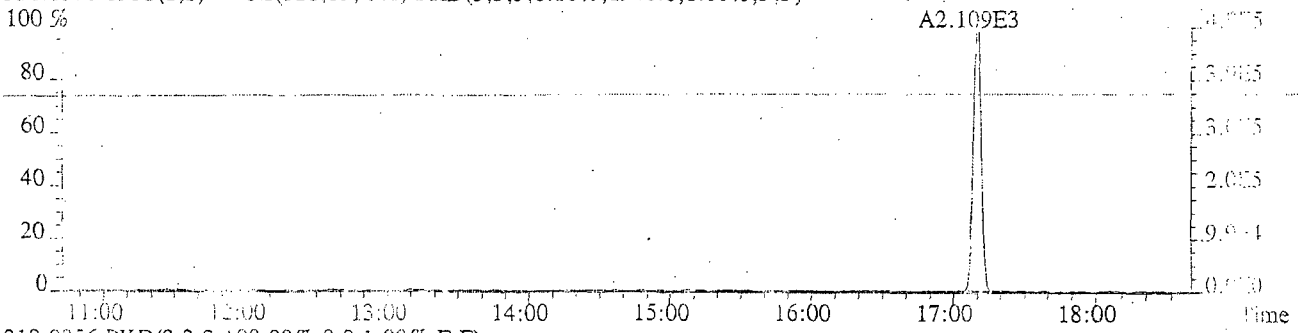
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,23924.0,1.00%,F,F)



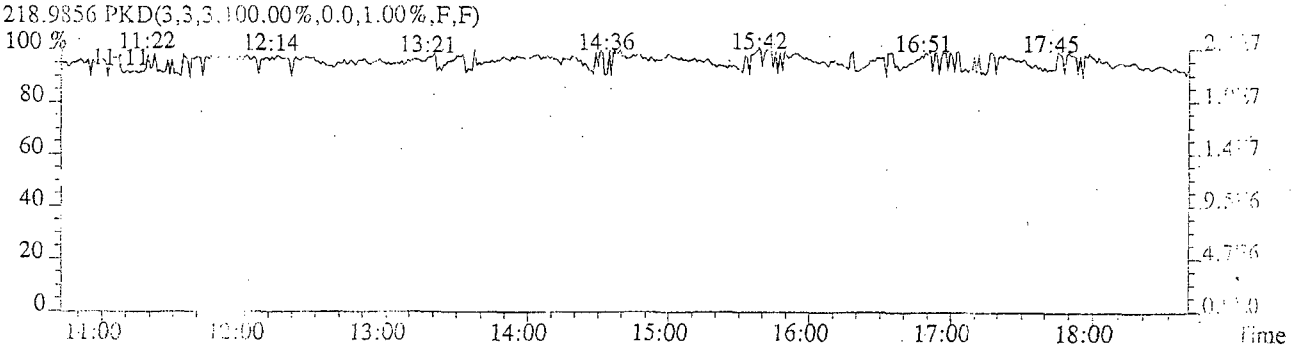
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2988.0,1.00%,F,F)



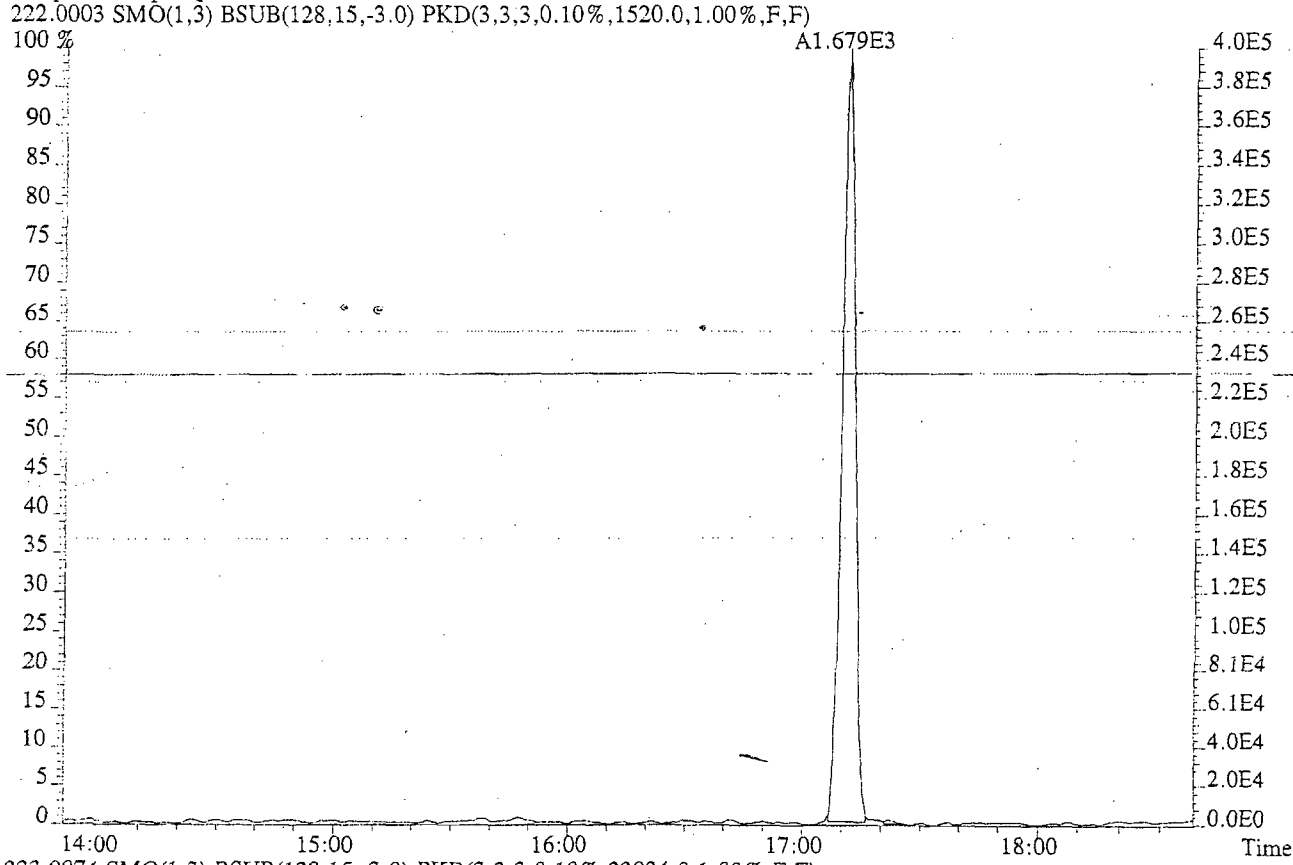
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1940.0,1.00%,F,F)



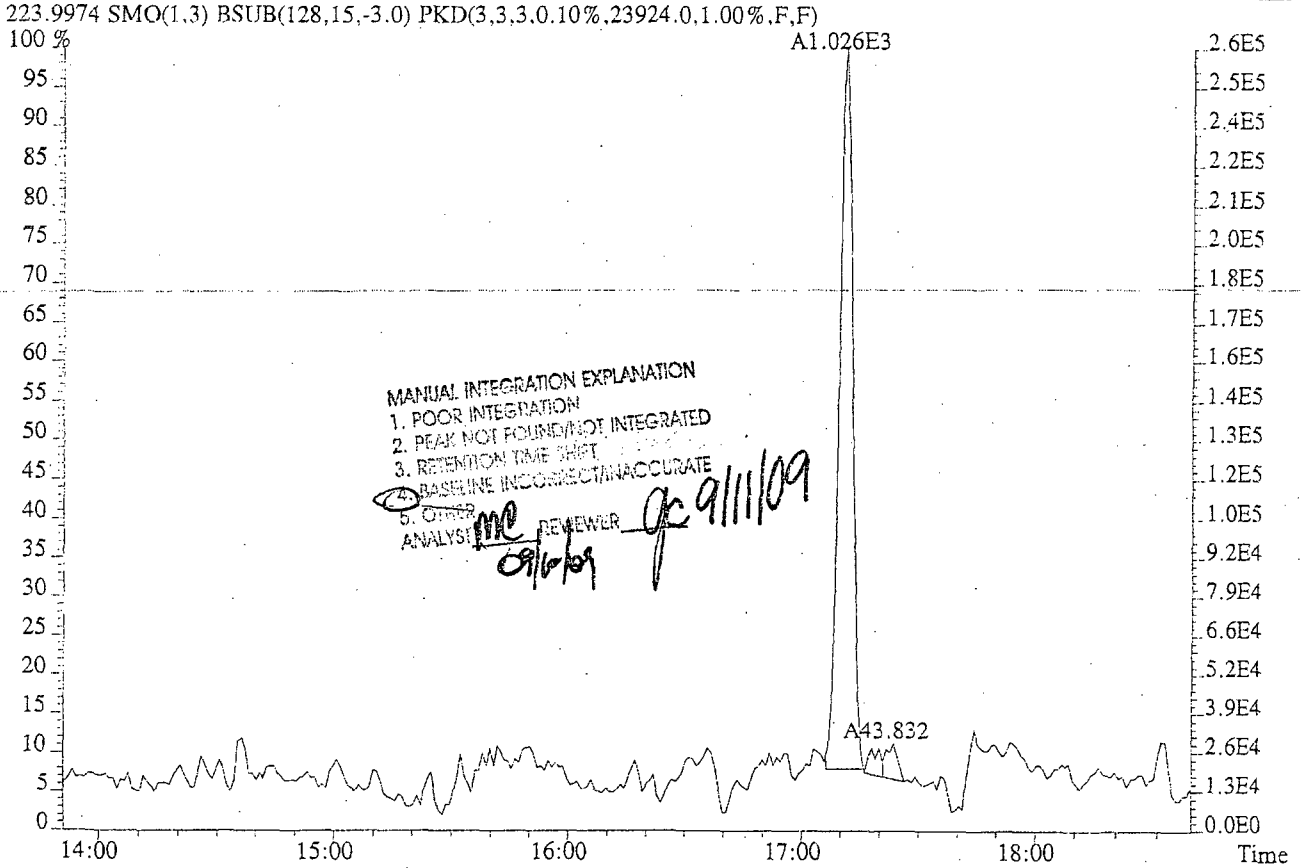
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220371 #1-510 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-02 LCS
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1520.0,1.00%,F,F)



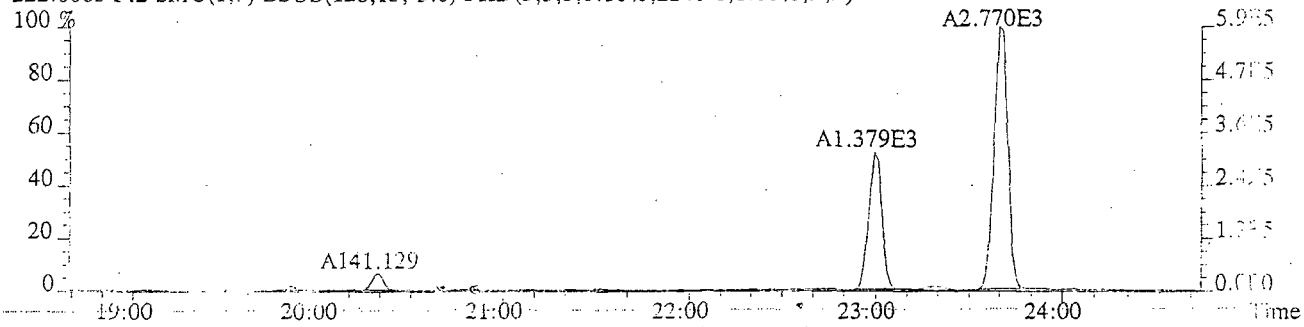
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,23924.0,1.00%,F,F)



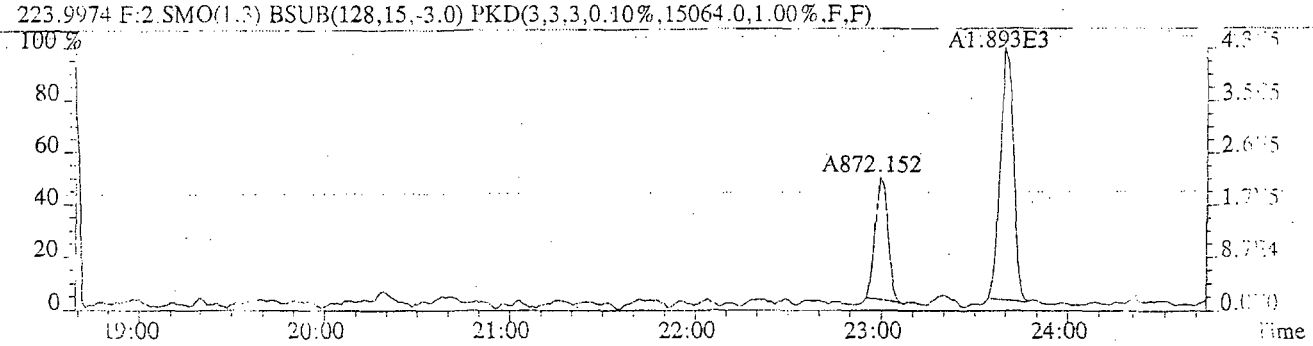
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER

ANALYST [illegible] 9/10/09 REVIEWER [illegible] 9/11/09

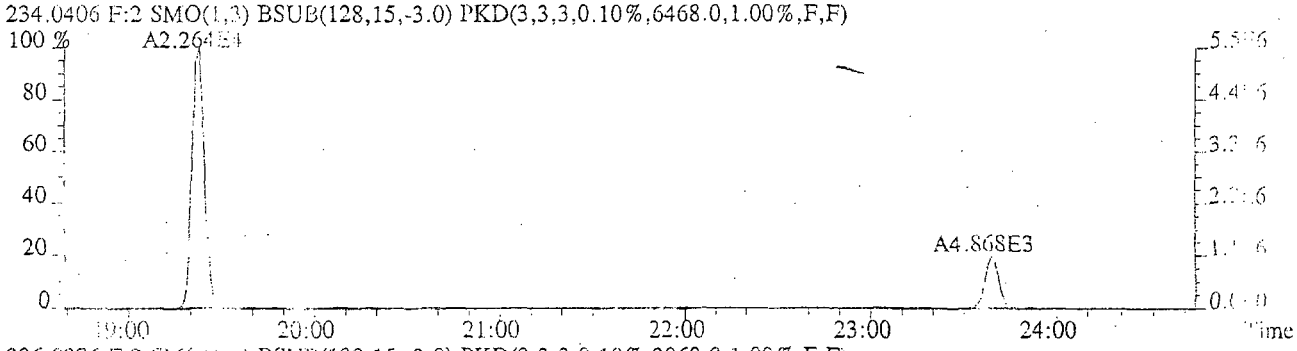
File:U220371 #1-335 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:EQ0900337-02 LCS
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2248.0,1.00%,F,F)



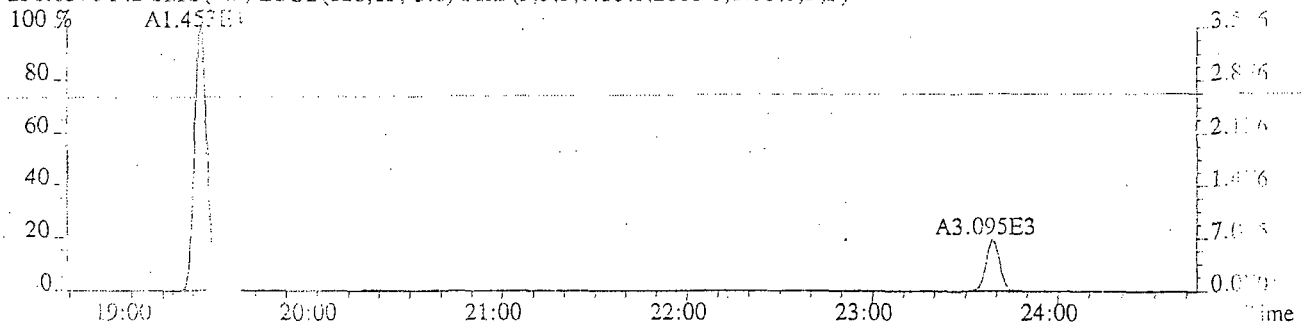
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,15064.0,1.00%,F,F)



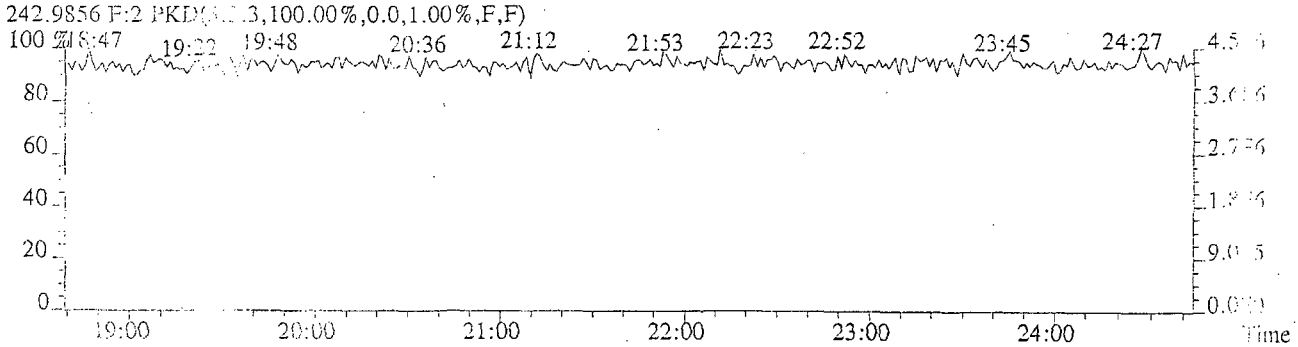
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6468.0,1.00%,F,F)



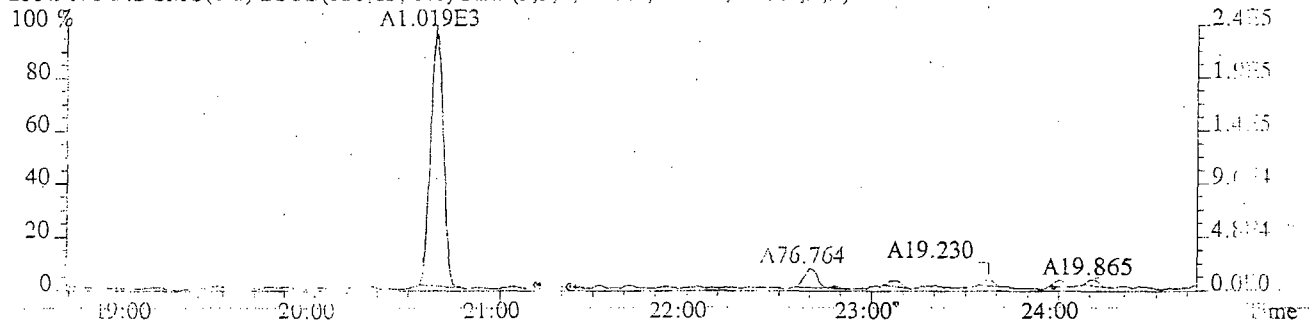
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2068.0,1.00%,F,F)



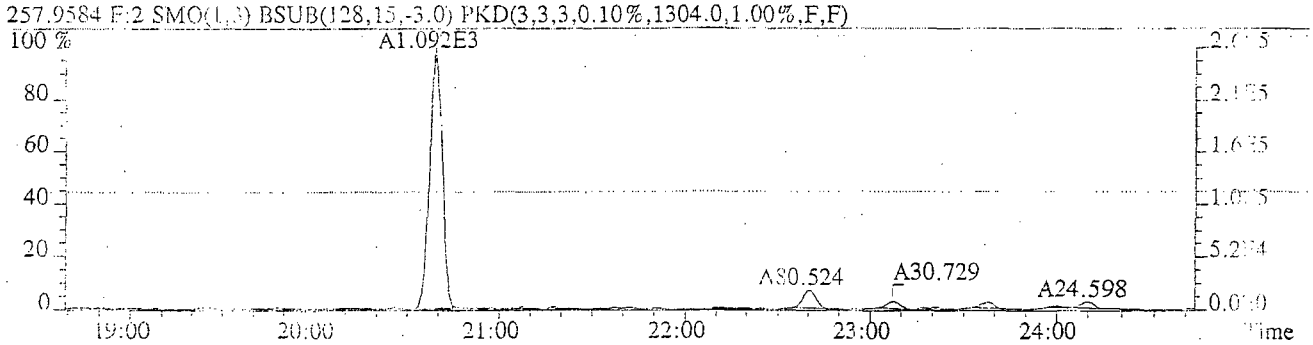
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



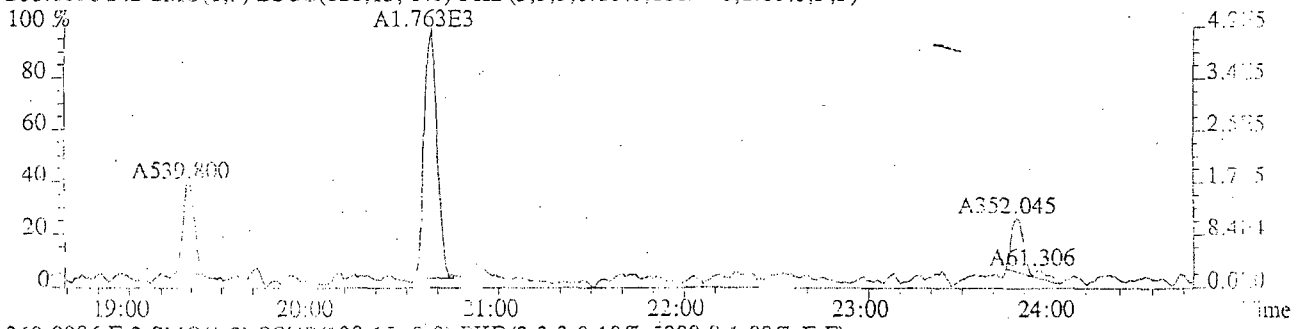
File:U220371 #1-335 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ090337-02 LCS
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3188.0,1.00%,F,F)



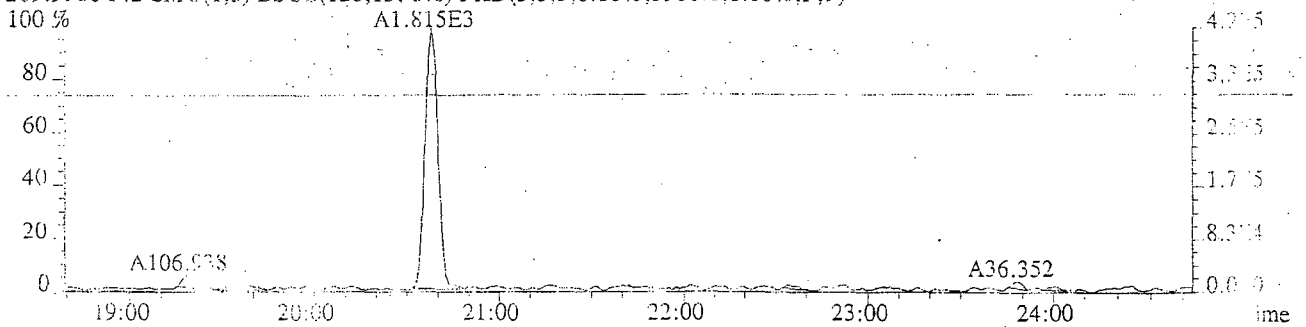
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1304.0,1.00%,F,F)



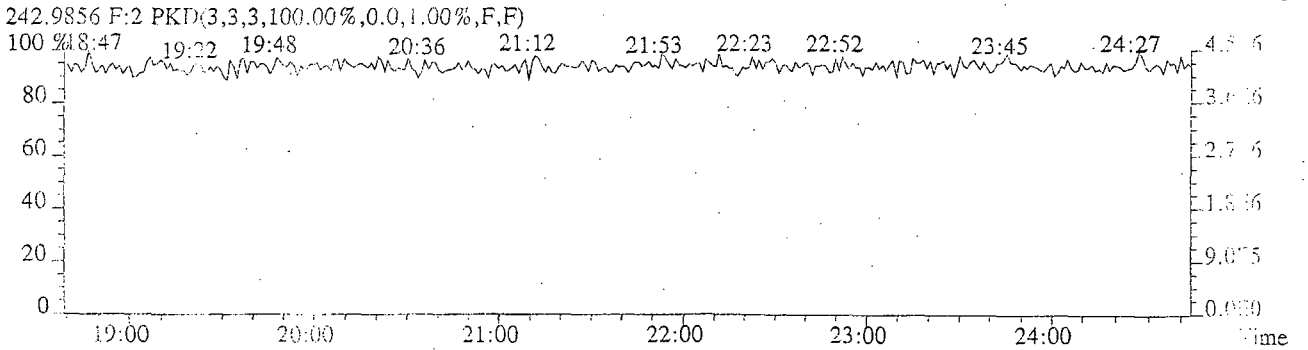
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18624.0,1.00%,F,F)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5900.0,1.00%,F,F)

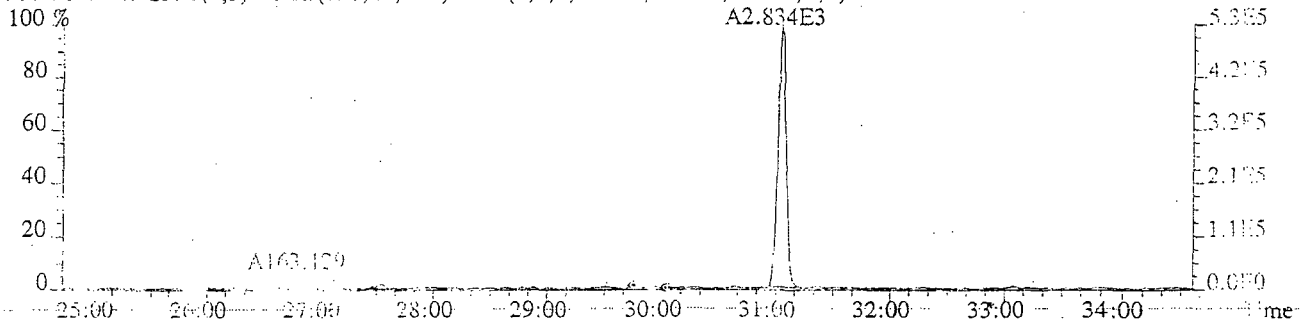


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

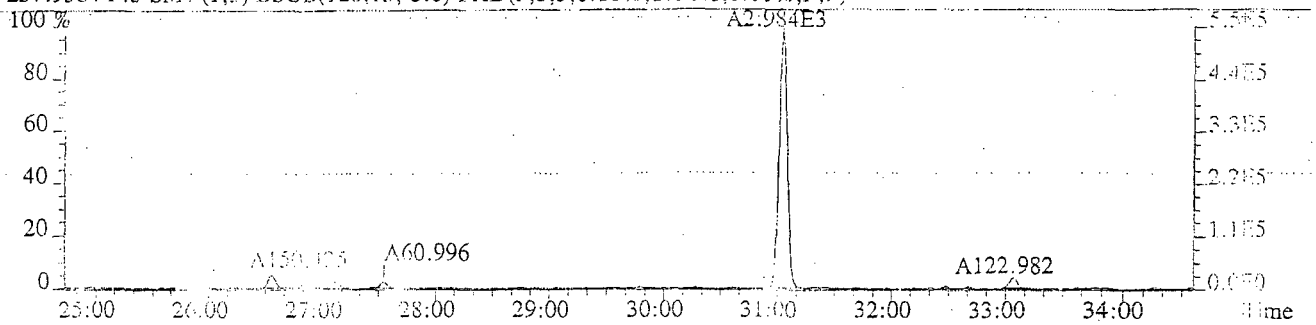


File:U220371 #1-632 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-02 LCS

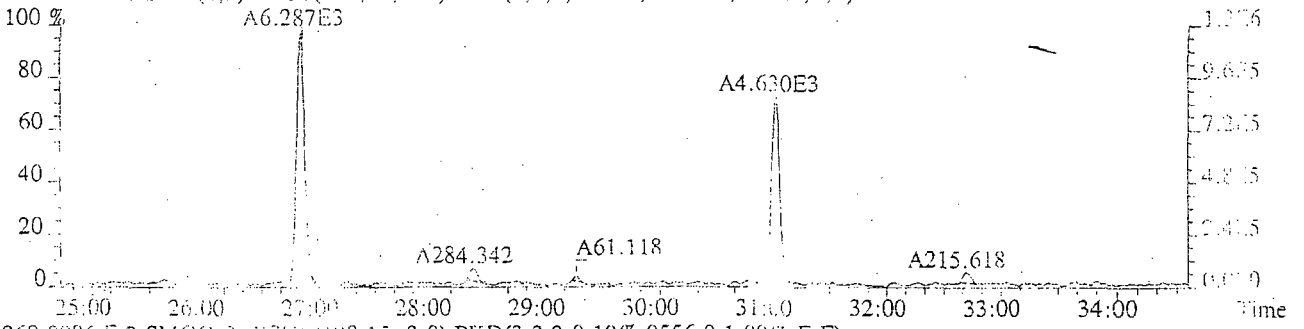
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3132.0,1.00%,F,F)



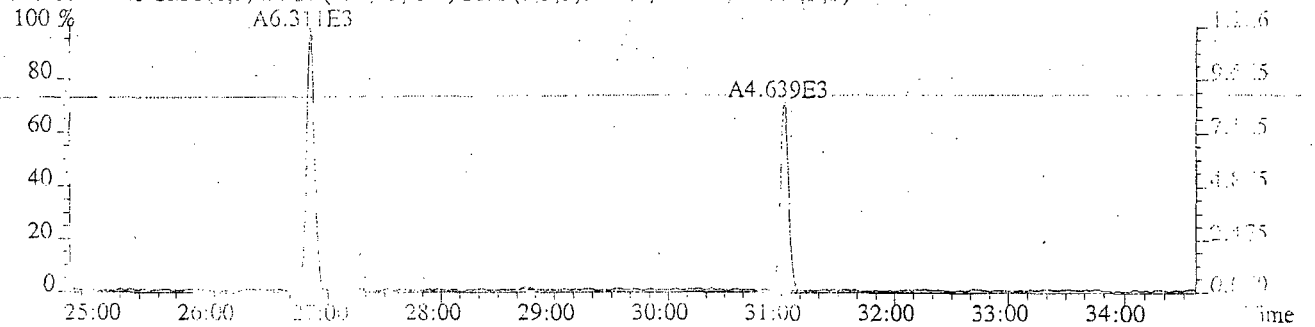
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1796.0,1.00%,F,F)



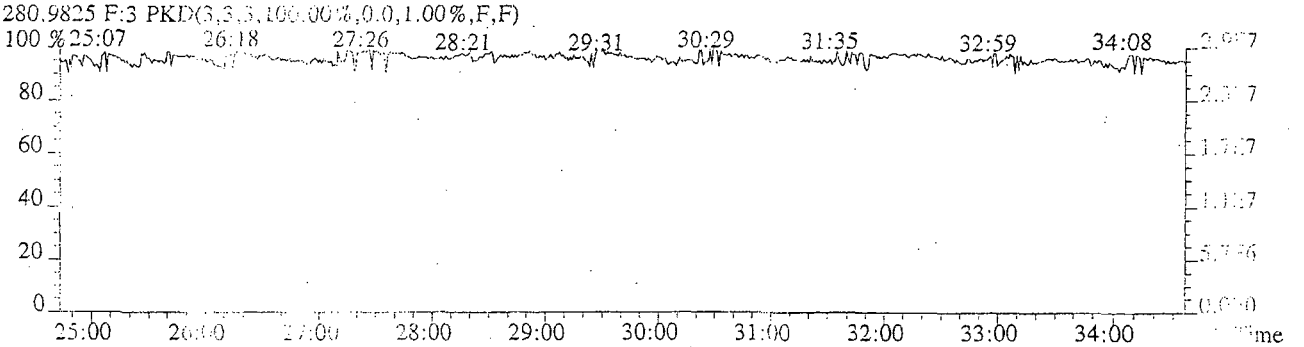
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,18492.0,1.00%,F,F)



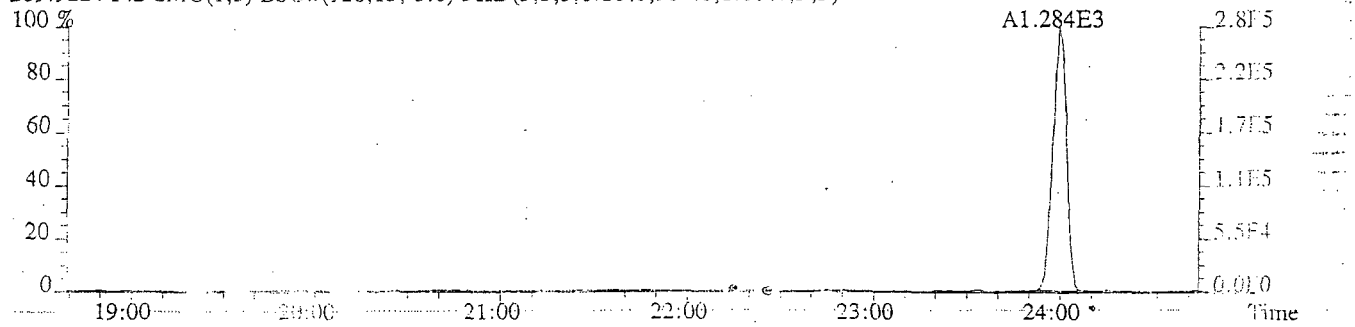
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9556.0,1.00%,F,F)



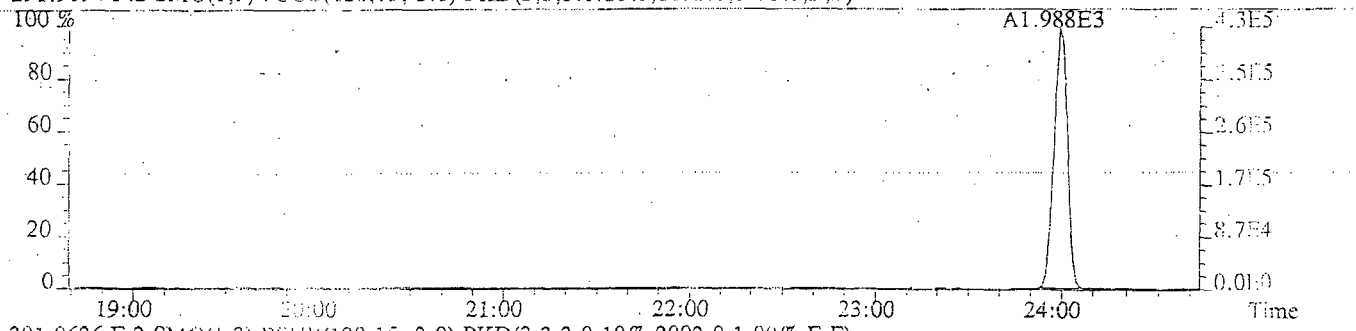
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



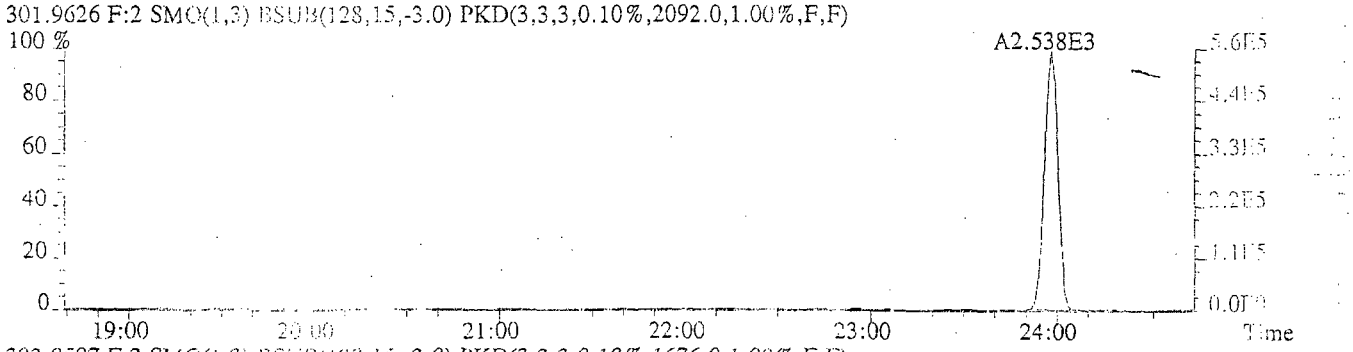
File:U220371 #1-335 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:EQ0900337-02 LCS
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,F)



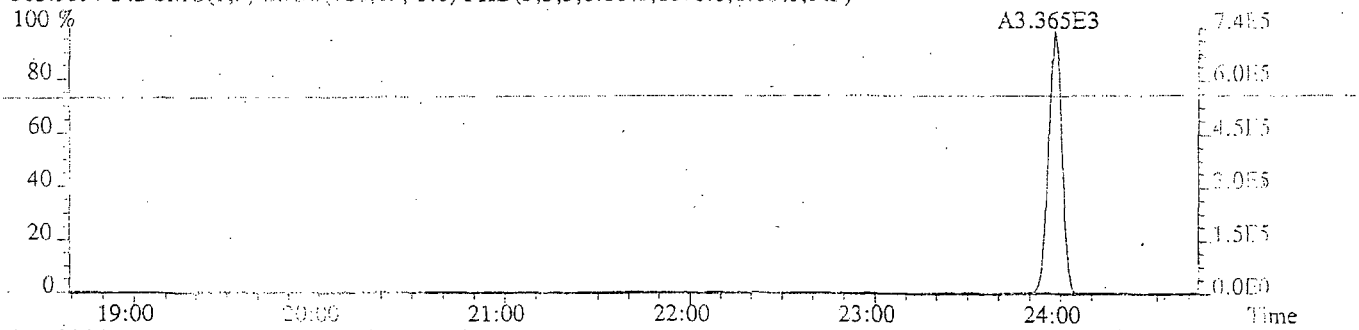
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1052.0,1.00%,F,F)



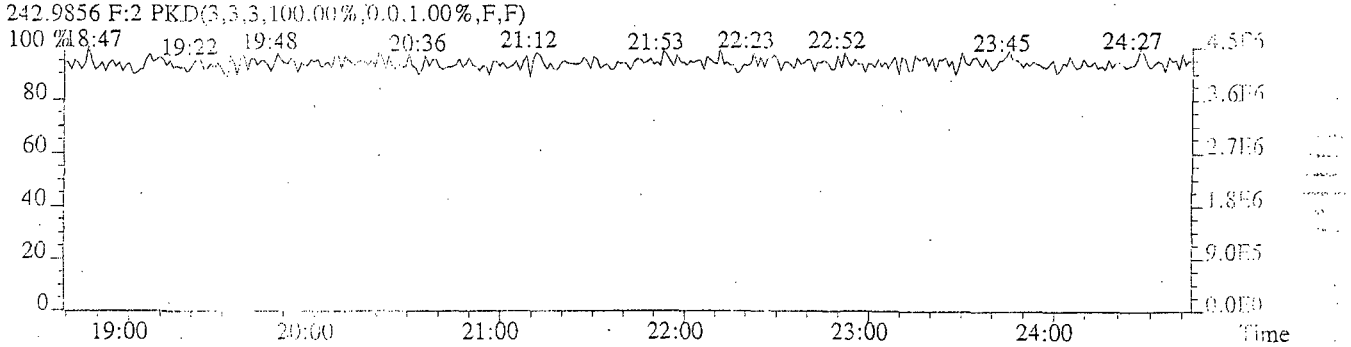
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2092.0,1.00%,F,F)



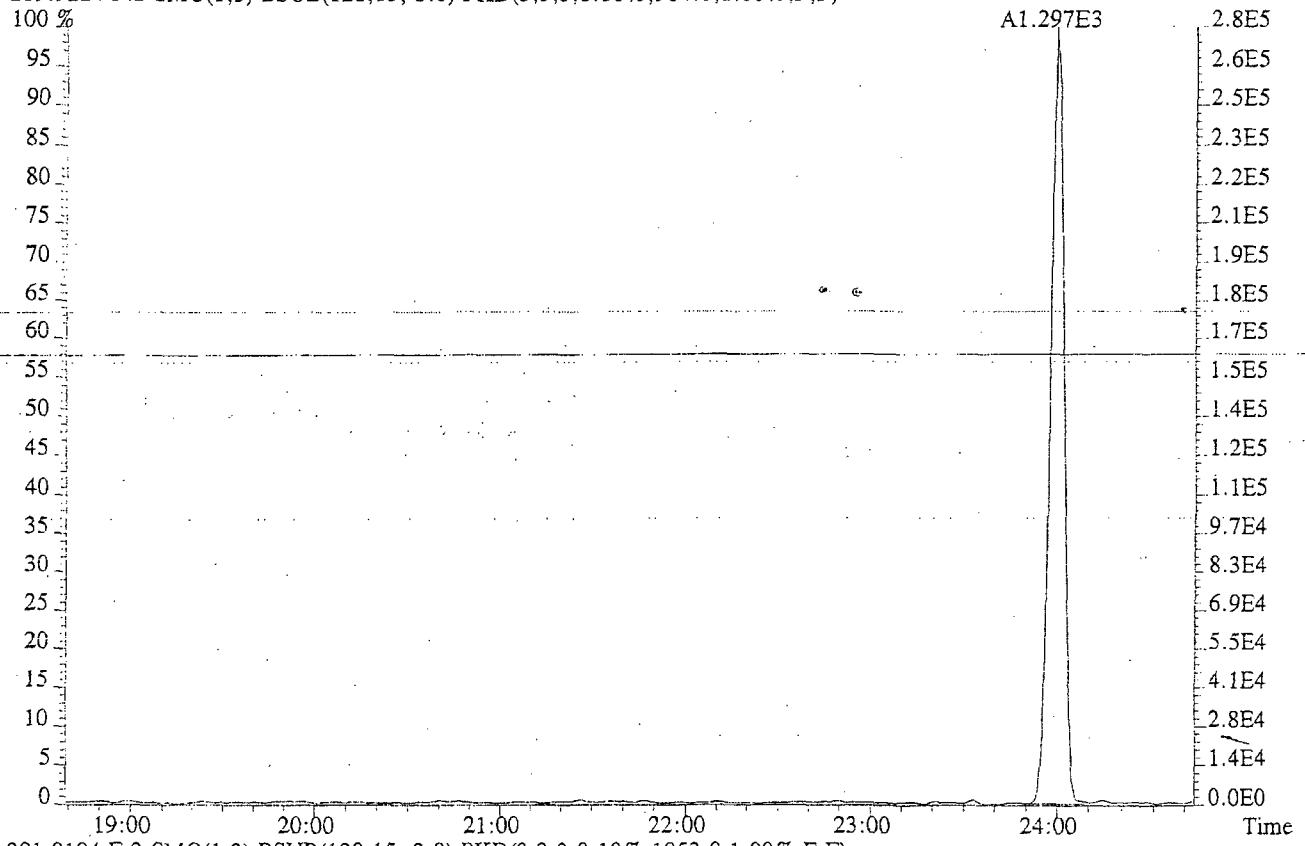
303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1676.0,1.00%,F,F)



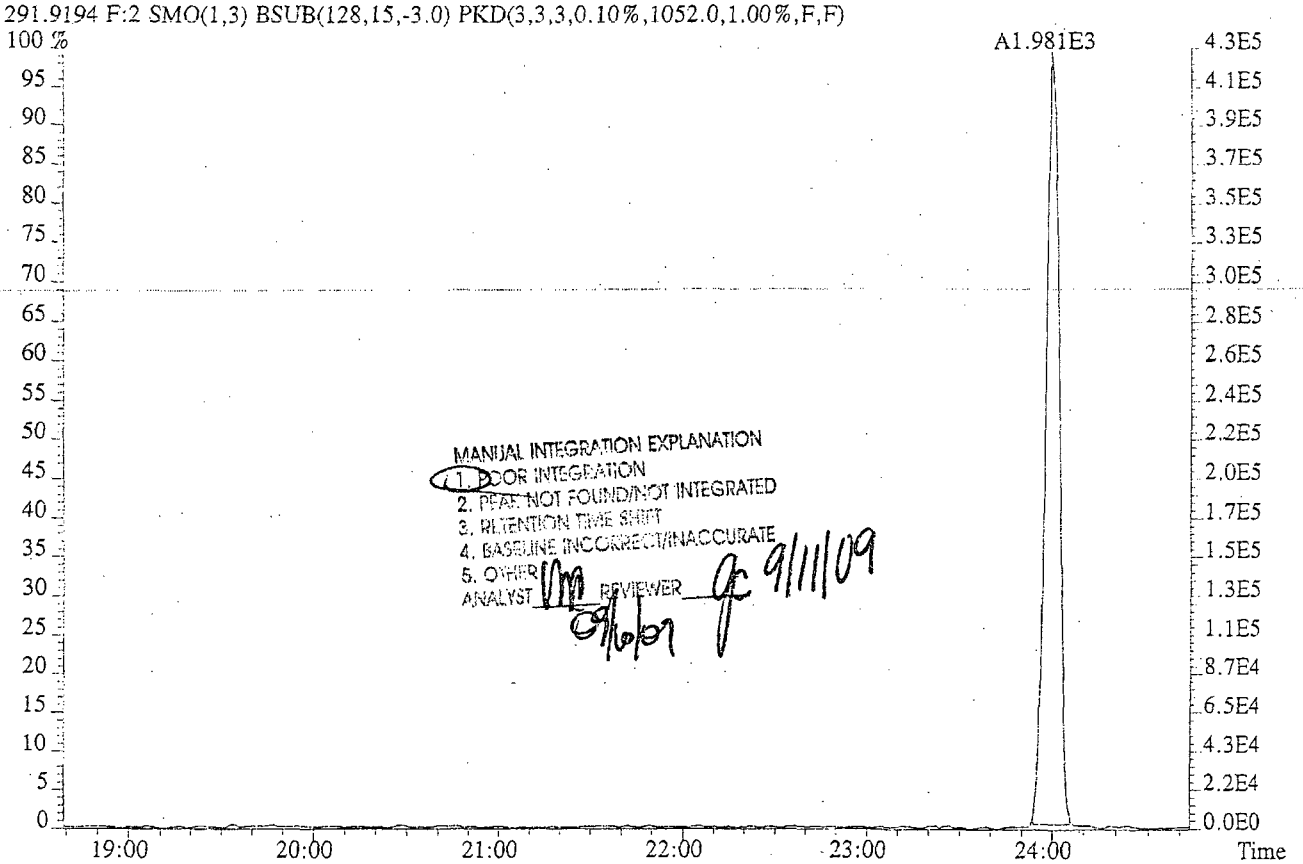
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220371 #1-335 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-02 LCS
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,F)



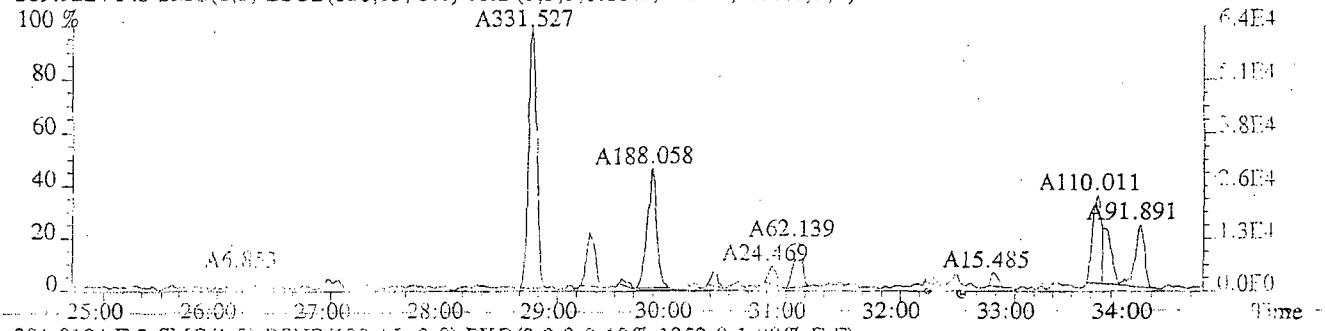
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1052.0,1.00%,F,F)



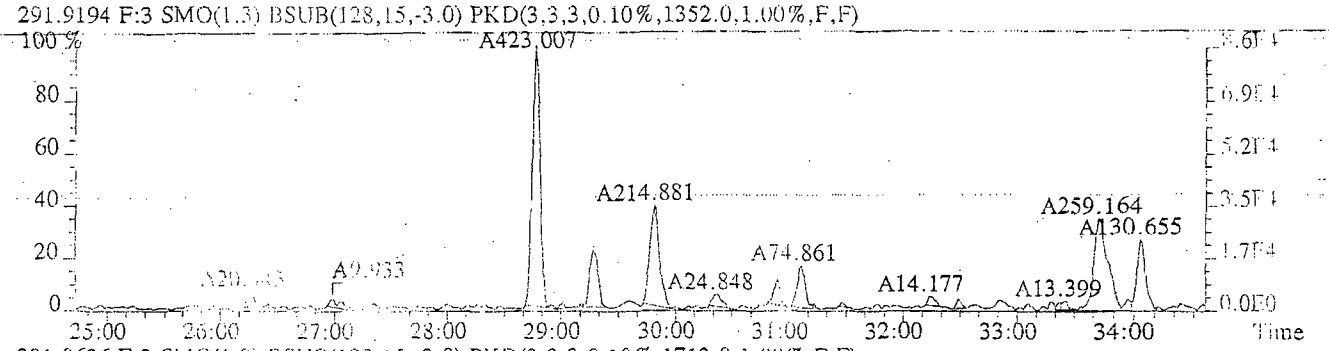
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST 9/10/09 REVIEWER 9/11/09

File:U220371 #1-632 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-02 LCS

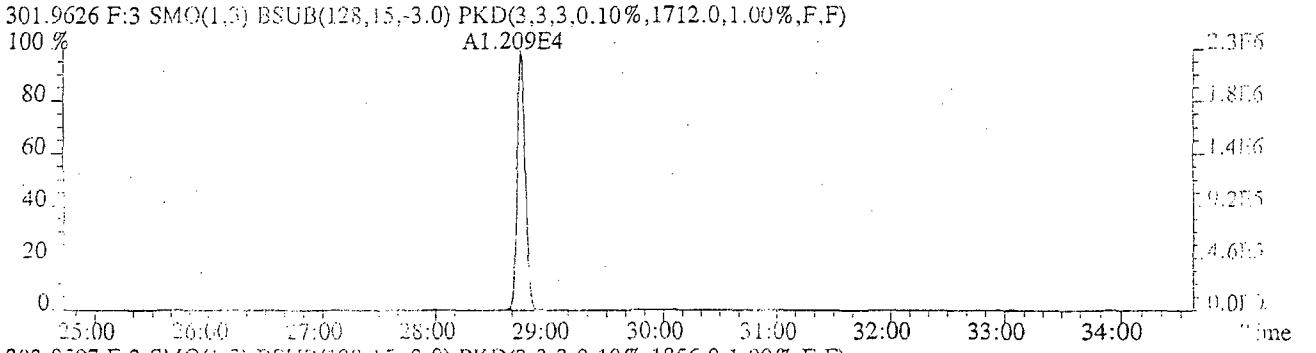
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1204.0,1.00%,F,F)



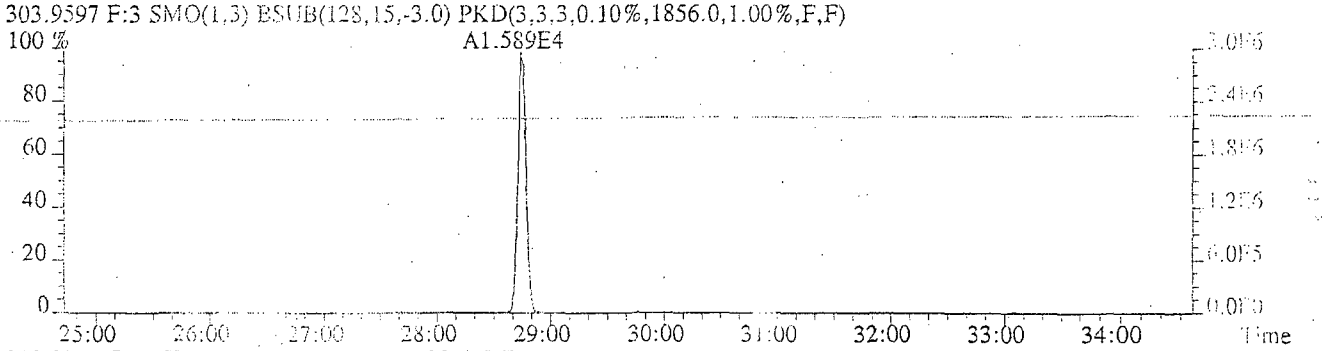
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1352.0,1.00%,F,F)



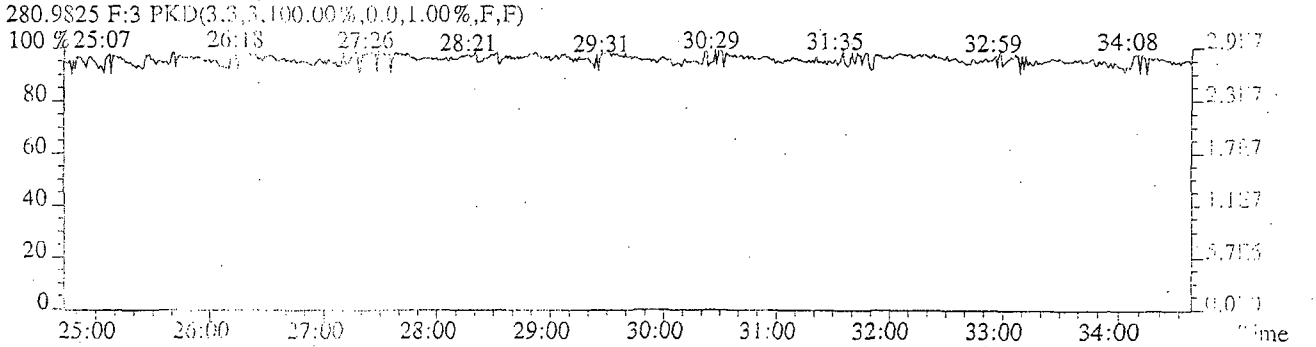
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1712.0,1.00%,F,F)



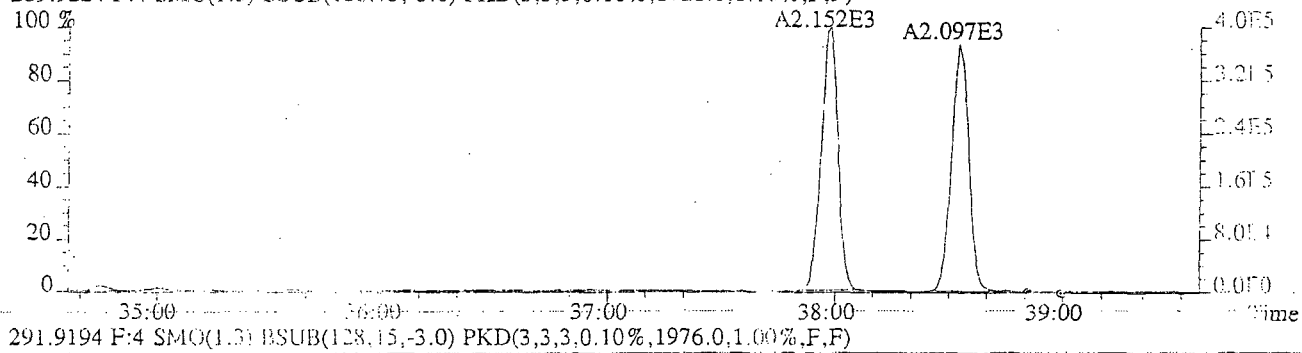
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1856.0,1.00%,F,F)



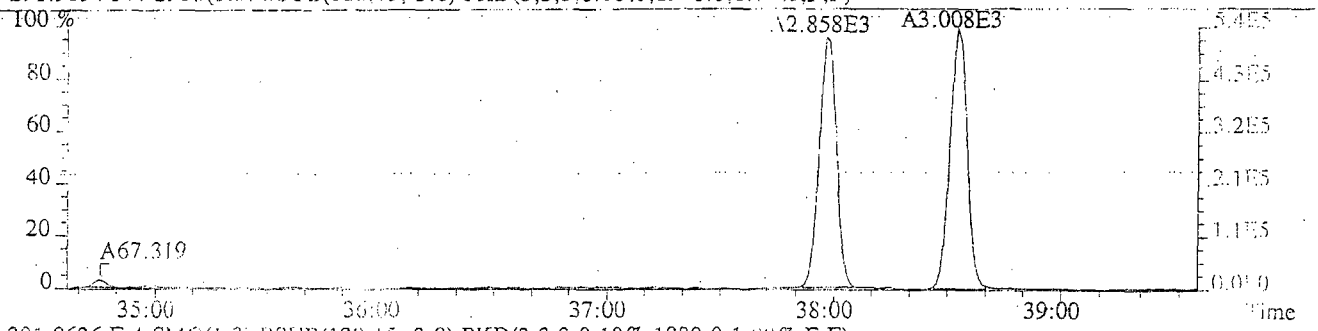
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



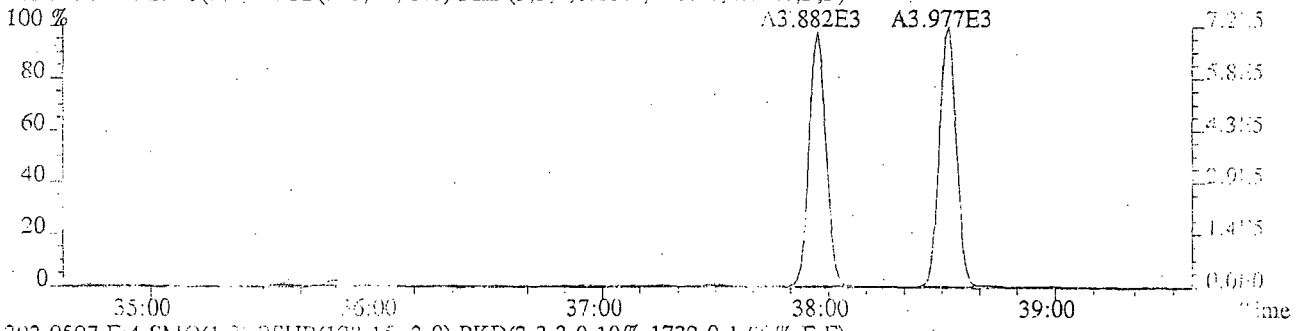
File:U220371 #1-318 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-02 LCS
289.9224 F:4 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1728.0,1.00%,F,F)



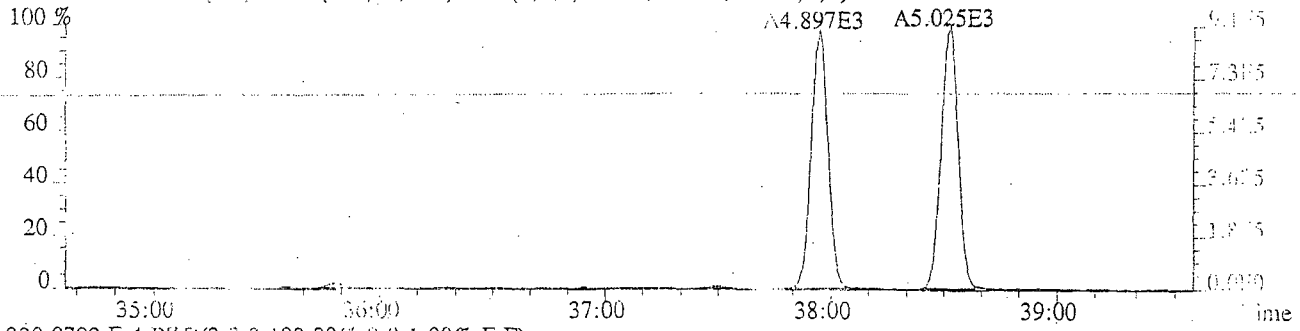
291.9194 F:4 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1976.0,1.00%,F,F)



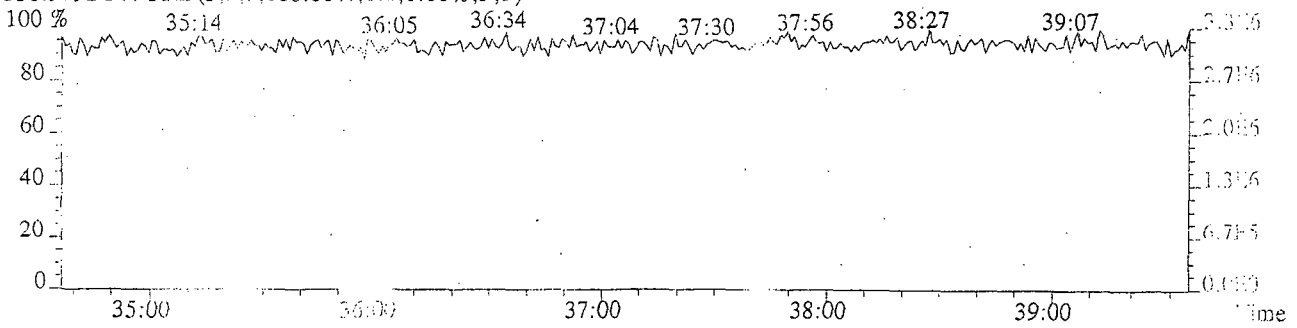
301.9626 F:4 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1880.0,1.00%,F,F)



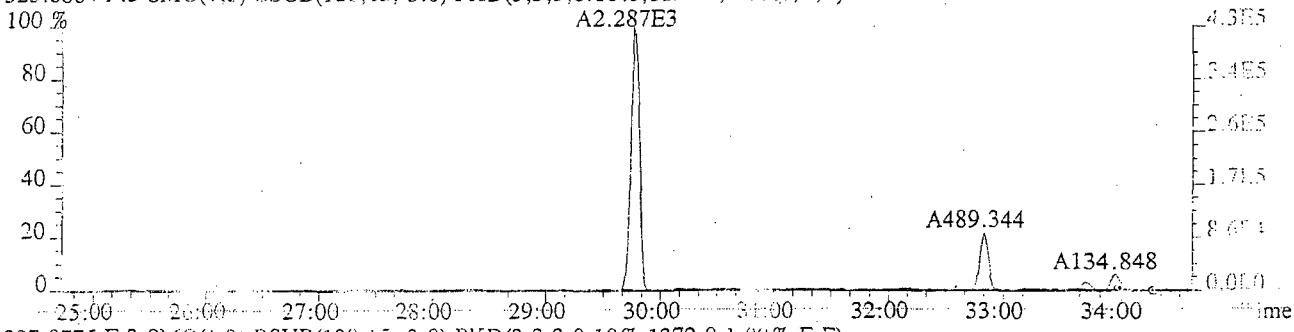
303.9597 F:4 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1732.0,1.00%,F,F)



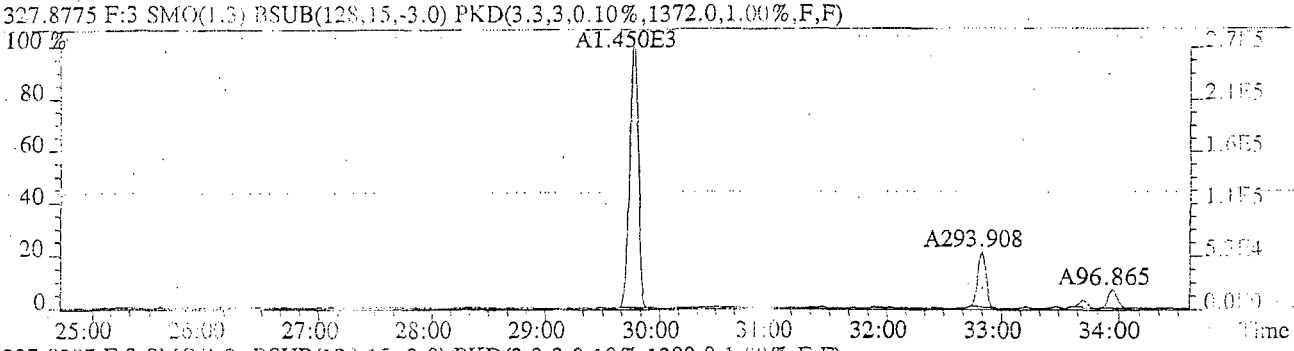
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



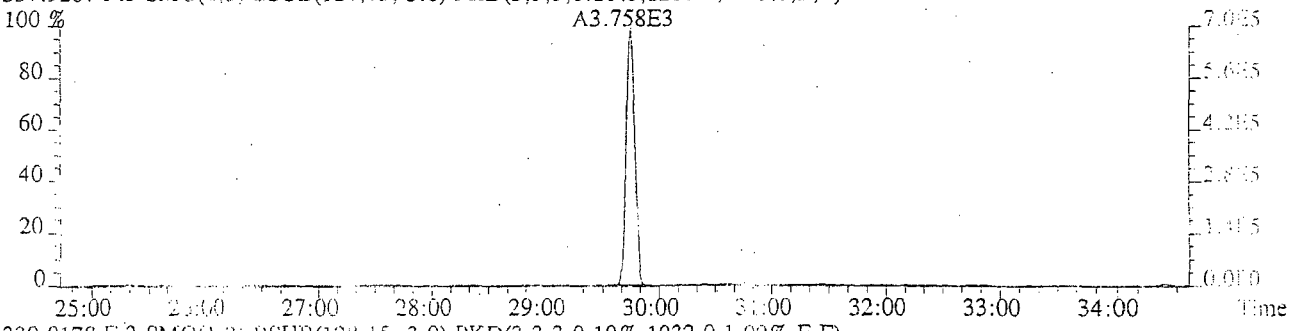
File:U220371 #1-632 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ09000337-02 LCS
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1196.0,1.00%,F,F)



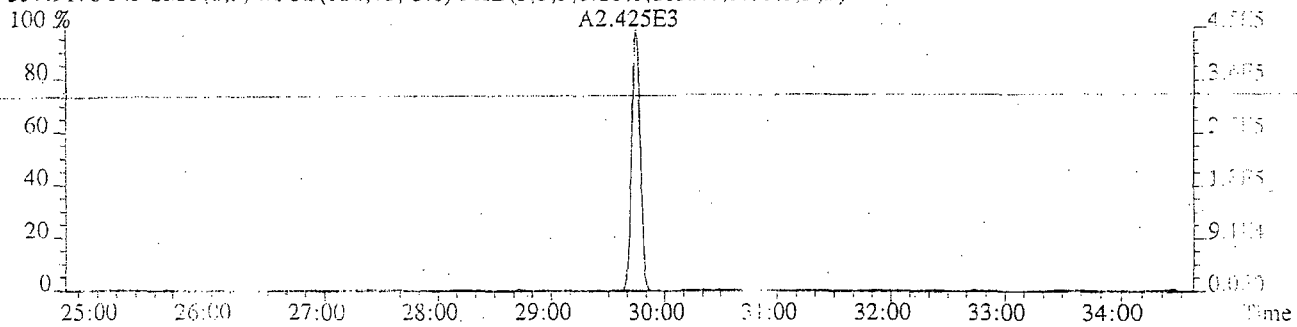
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1372.0,1.00%,F,F)



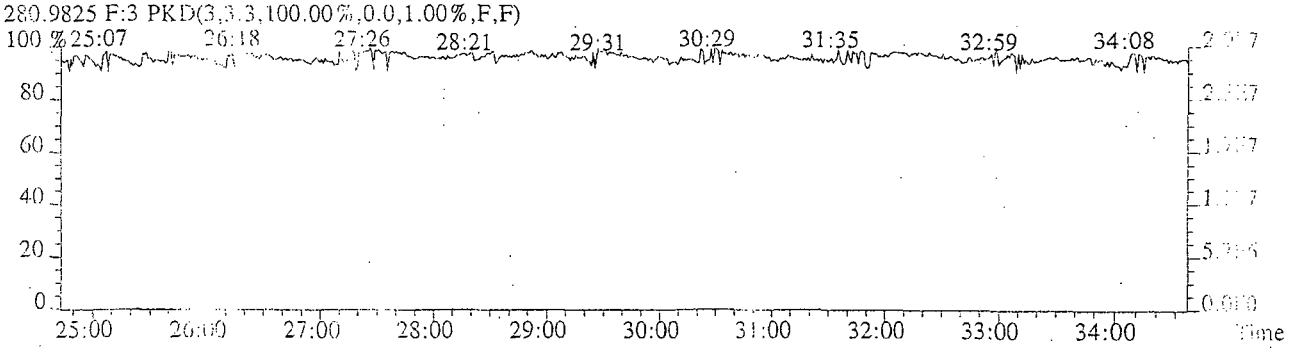
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1200.0,1.00%,F,F)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1032.0,1.00%,F,F)

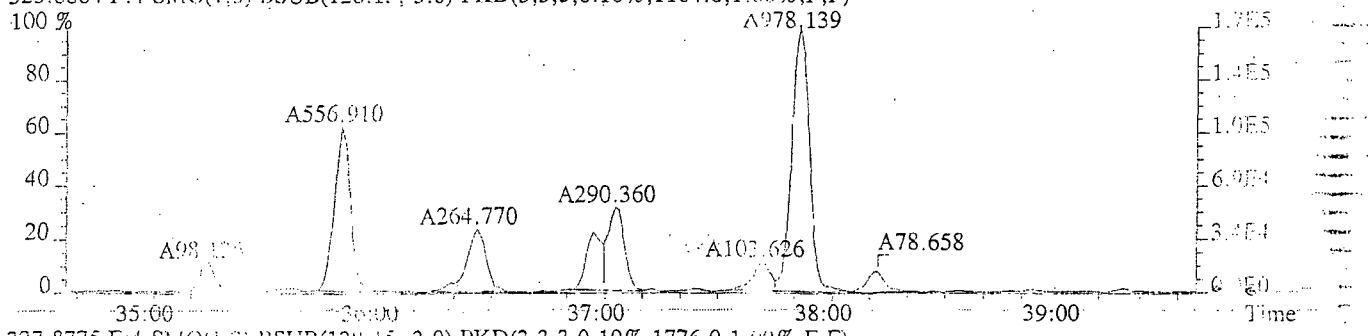


280.9825 F:3 PKD(3,3.3,100.00%,0.0,1.00%,F,F)

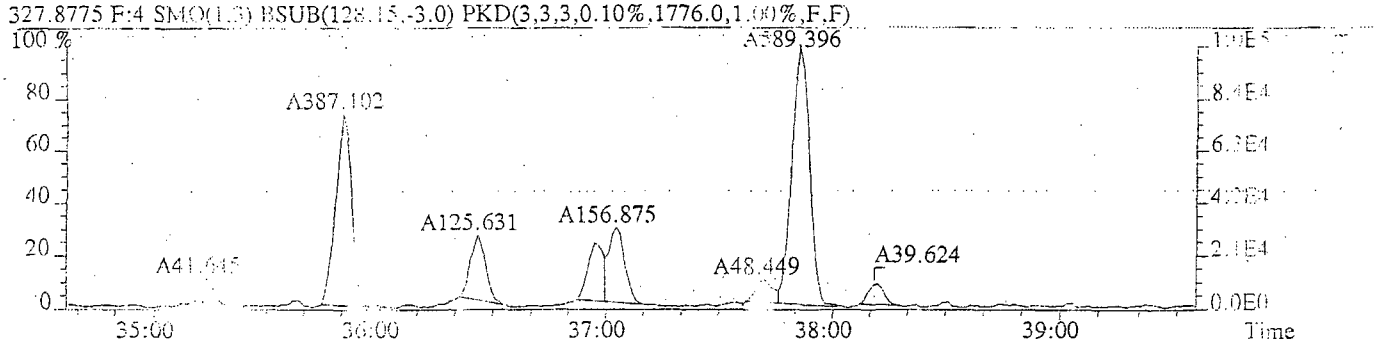


File:U220371 #1-318 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-02 LCS

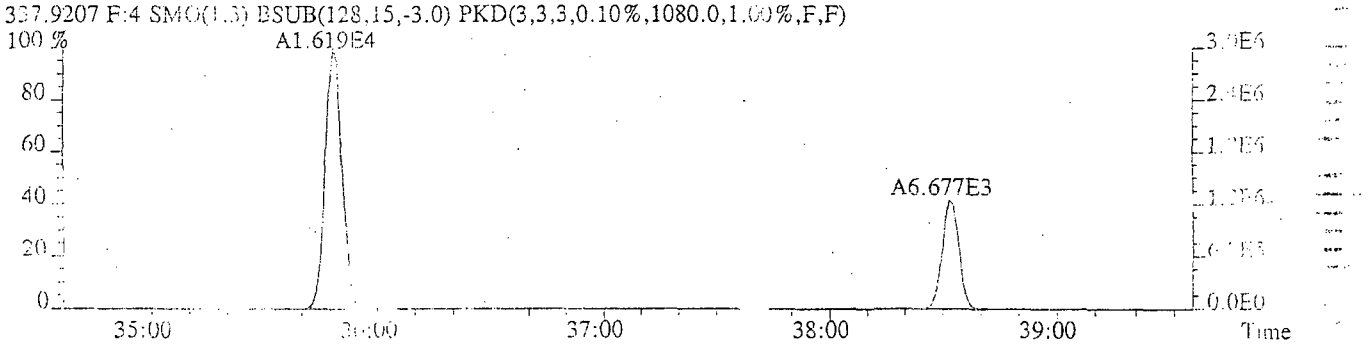
325.8804 F:4 SMO(1,3) BSUB(128.15,-3.0) PKD(3,3,3,0.10%,1104.0,1.00%,F,F)



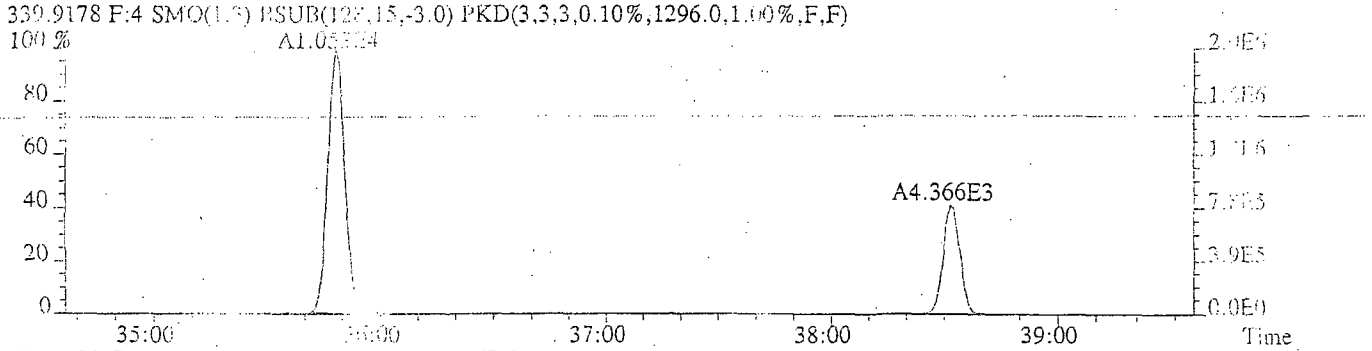
327.8775 F:4 SMO(1,3) BSUB(128.15,-3.0) PKD(3,3,3,0.10%,1776.0,1.00%,F,F)



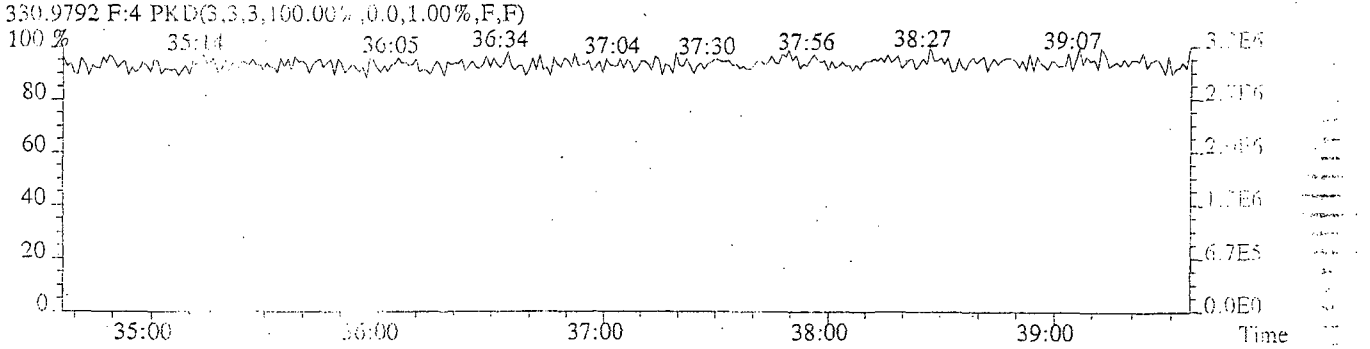
337.9207 F:4 SMO(1,3) BSUB(128.15,-3.0) PKD(3,3,3,0.10%,1080.0,1.00%,F,F)



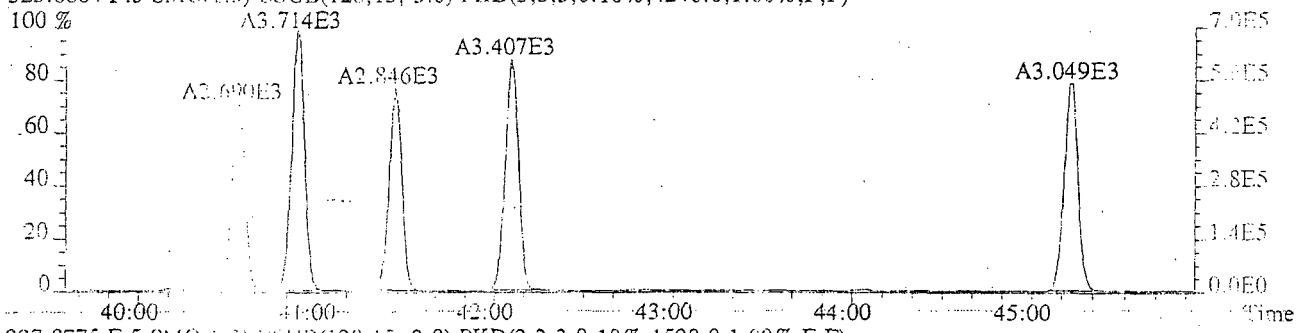
339.9178 F:4 SMO(1,3) BSUB(128.15,-3.0) PKD(3,3,3,0.10%,1296.0,1.00%,F,F)



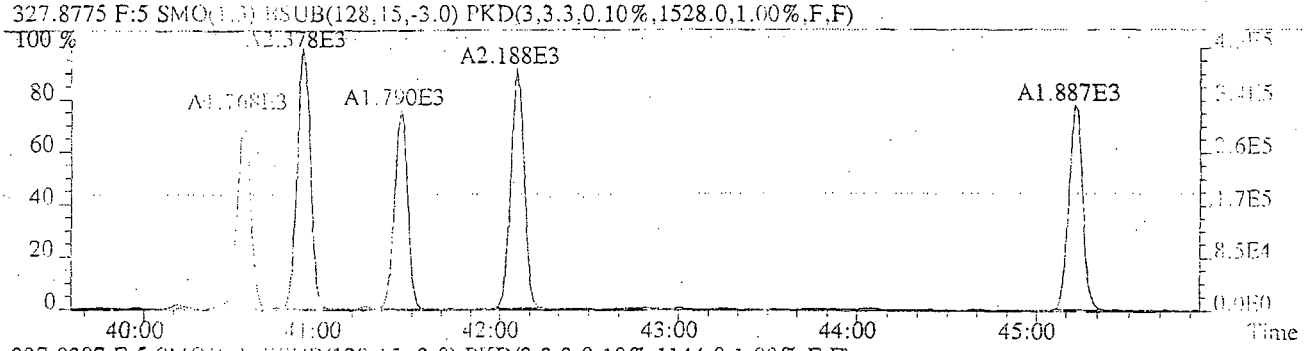
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



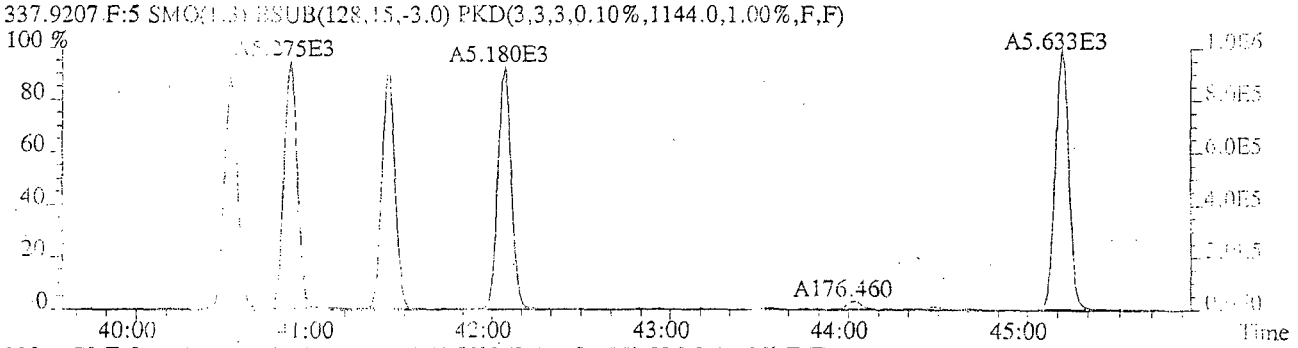
File:U220371 #1-403 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ09-0337-02 LCS
325.8804 F:5 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4240.0,1.00%,F,F)



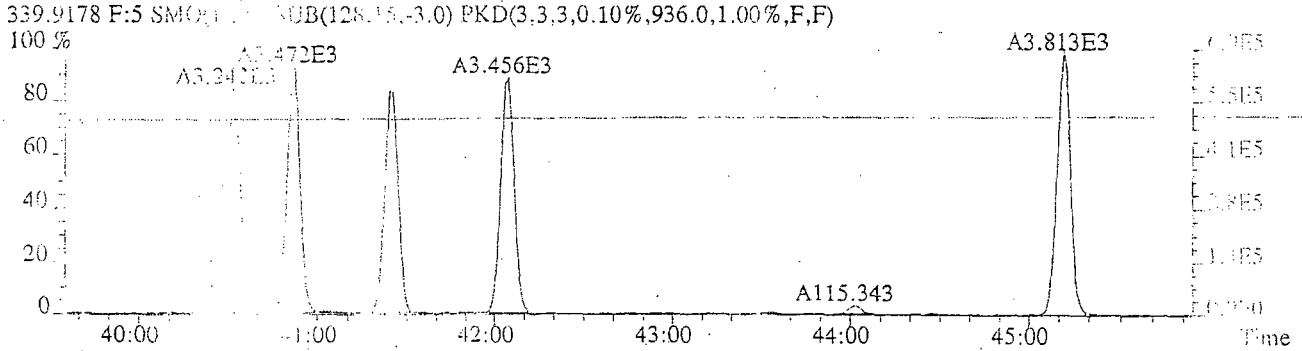
327.8775 F:5 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1528.0,1.00%,F,F)



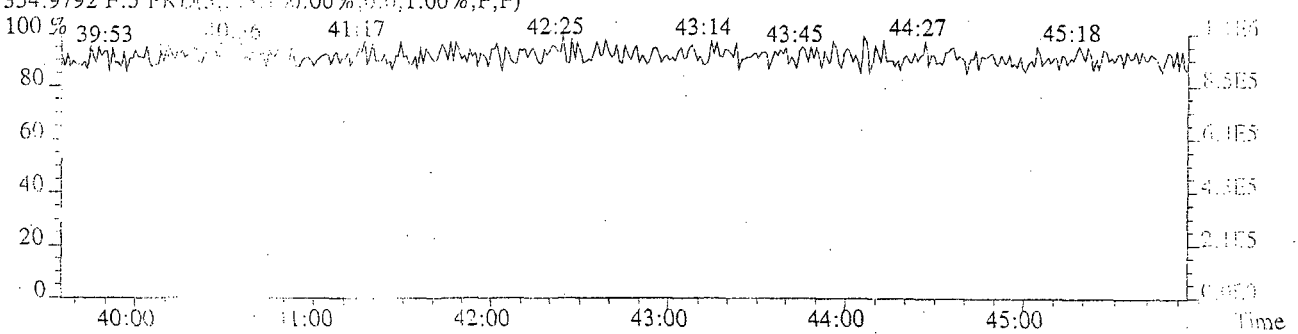
337.9207 F:5 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1144.0,1.00%,F,F)



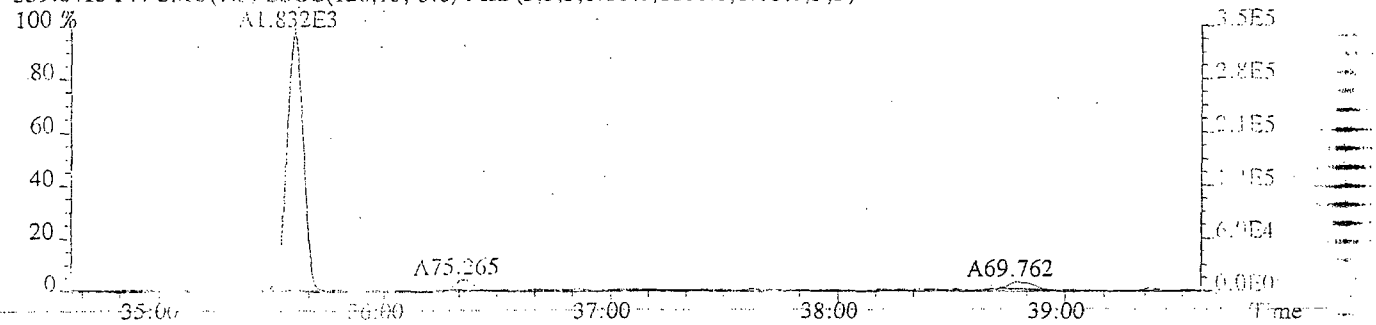
339.9178 F:5 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,936.0,1.00%,F,F)



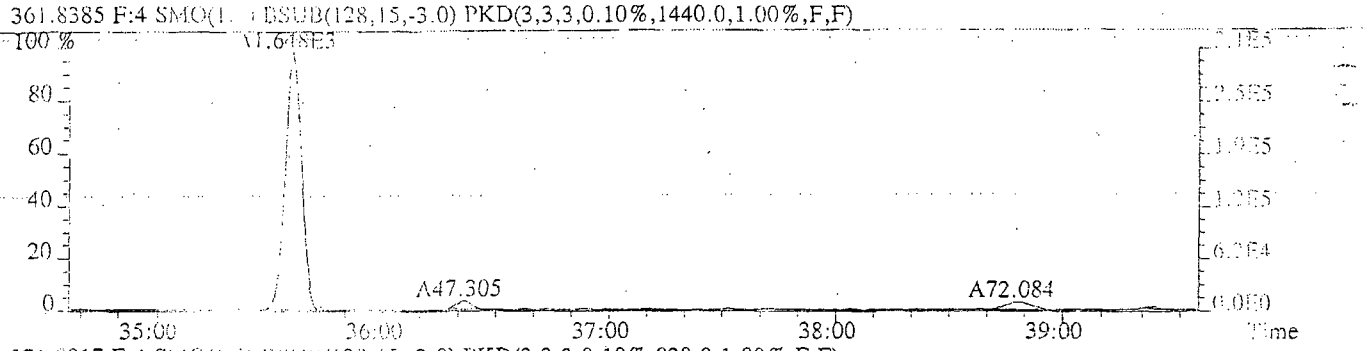
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



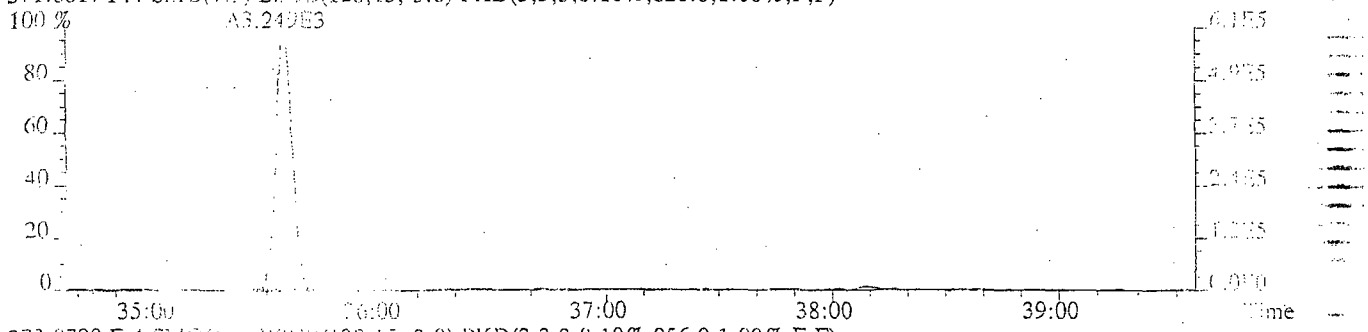
File:U220371 #1-318 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EC09%0257-02 LCS
359.8415 F:4 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,F)



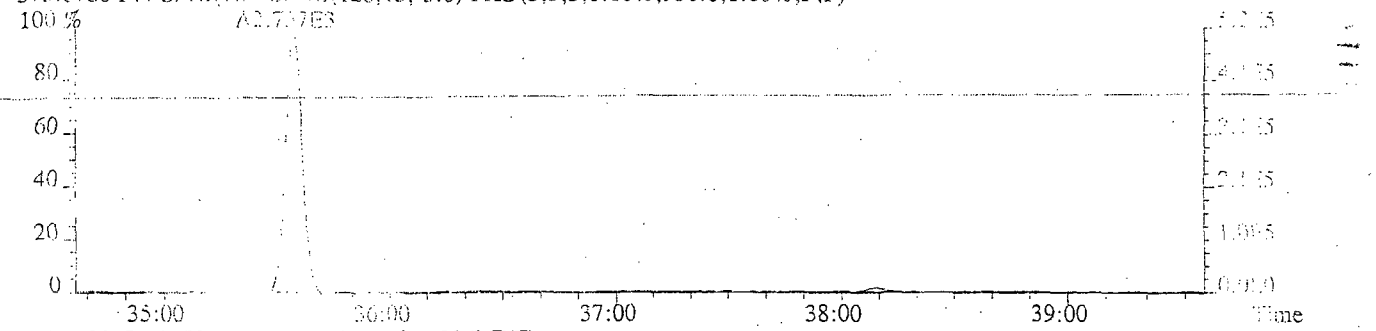
361.8385 F:4 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1440.0,1.00%,F,F)



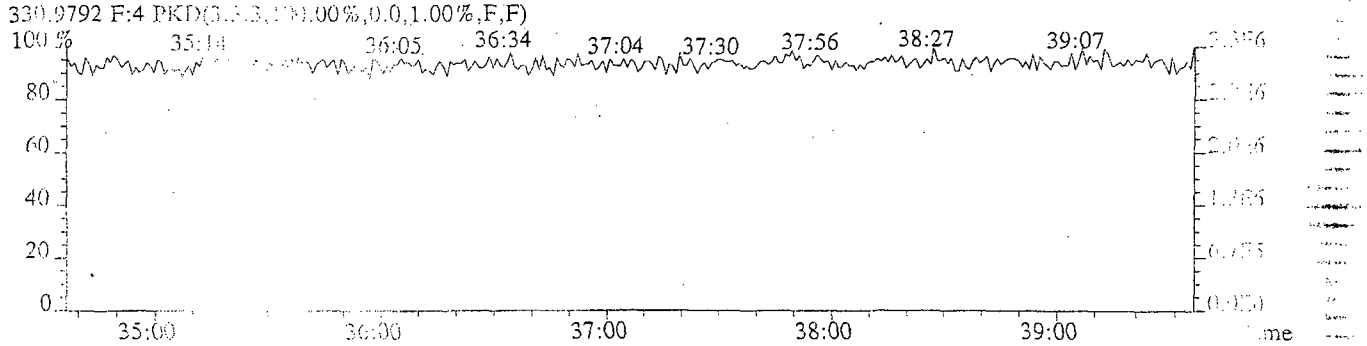
371.8817 F:4 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,828.0,1.00%,F,F)



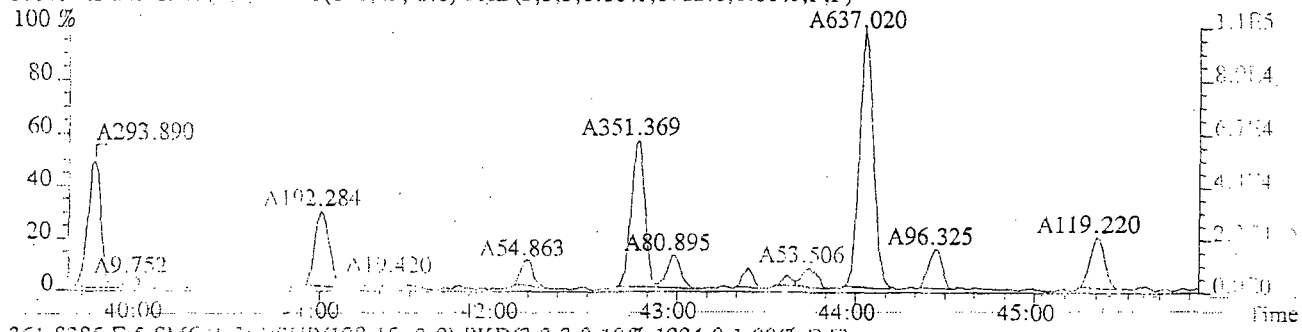
373.8788 F:4 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,956.0,1.00%,F,F)



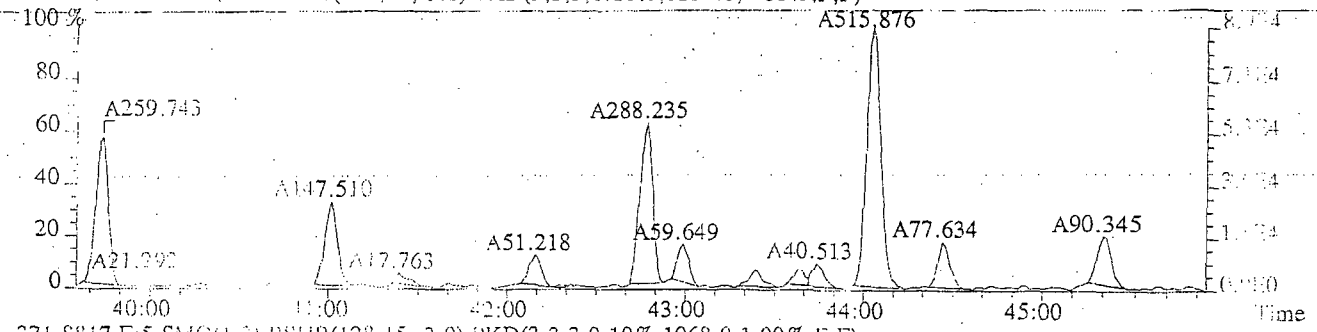
330.9792 F:4 PKD(3,3,3,0.00%,0.0,1.00%,F,F)



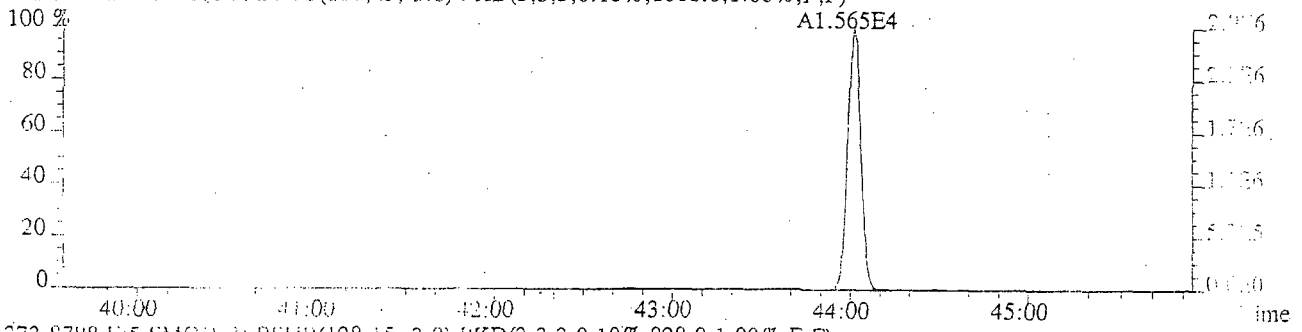
File:U220371 #1-463 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EO09090537-02 LCS
359.8415 F:5 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1712.0,1.00%,F,F)



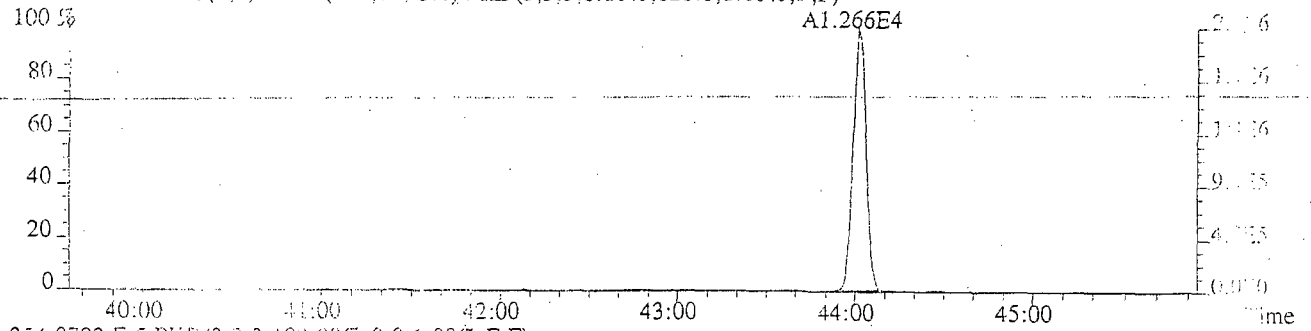
361.8385 F:5 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1224.0,1.00%,F,F)



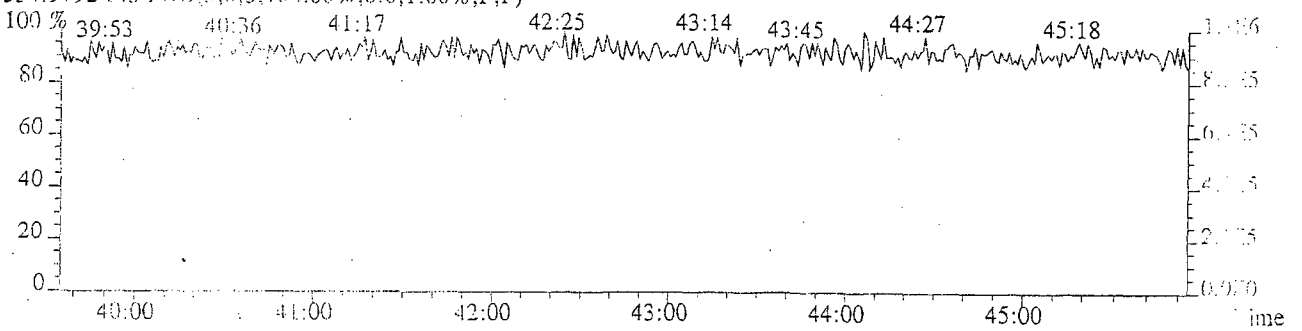
371.8817 F:5 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1068.0,1.00%,F,F)



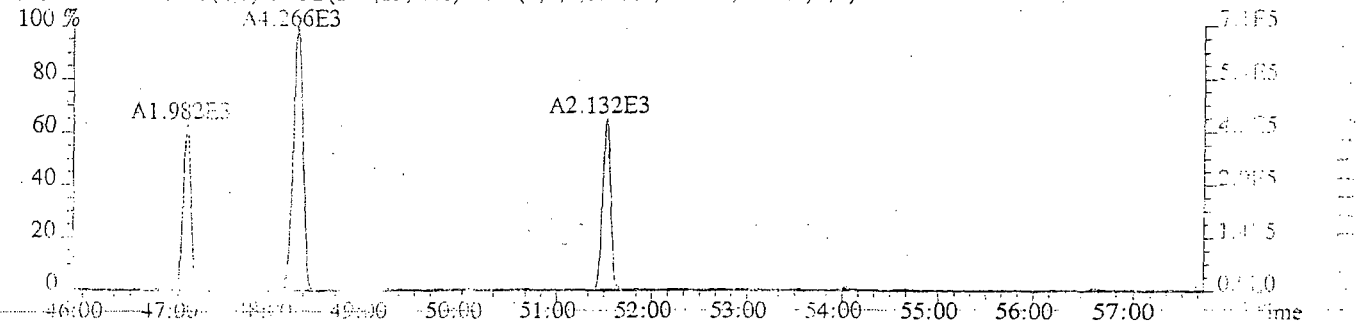
373.8788 F:5 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,828.0,1.00%,F,F)



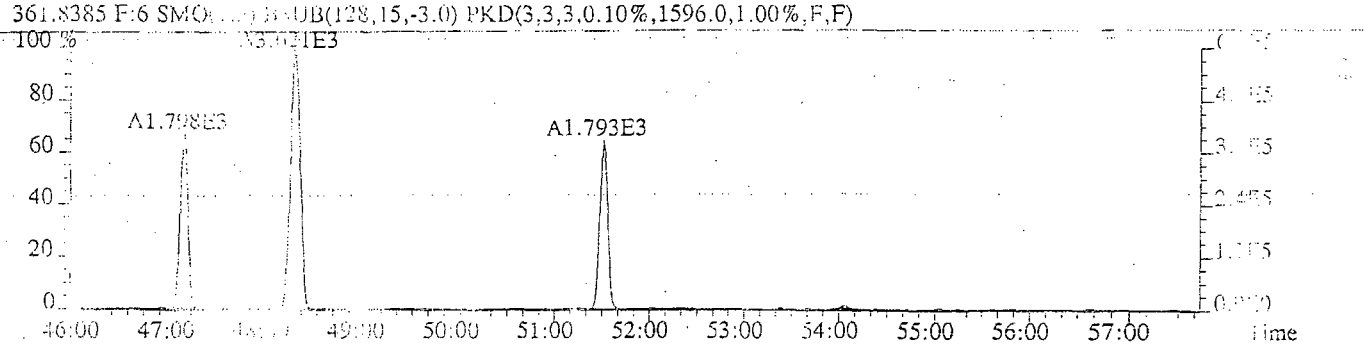
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



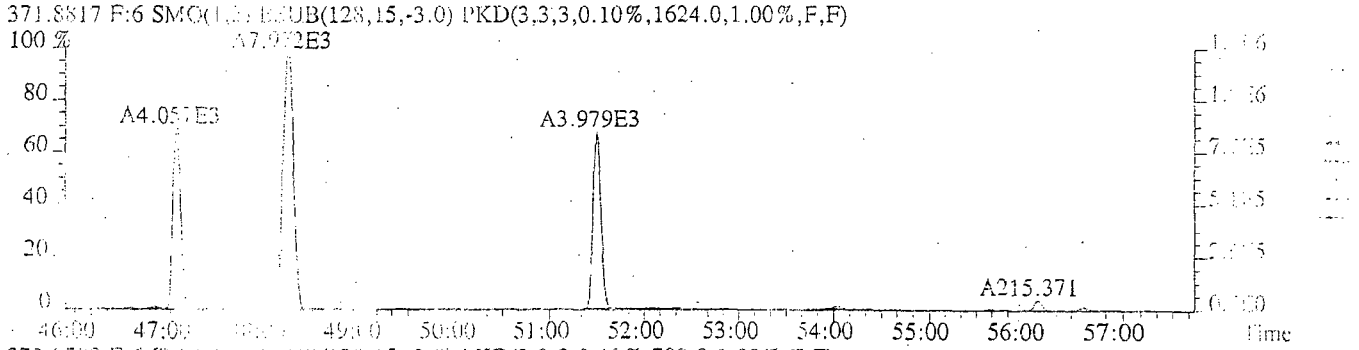
File:U220371 #1-586 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900357-02 LCS
359.8415 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1568.0,1.00%,F,F)



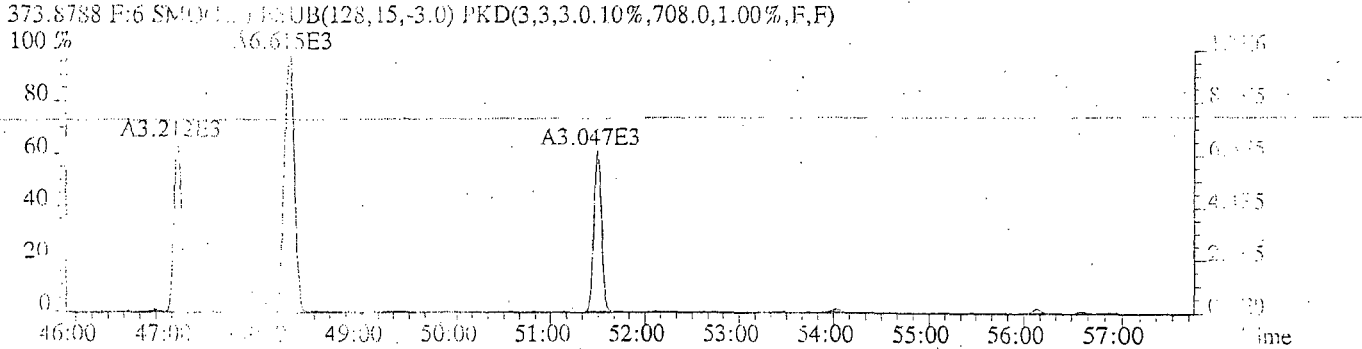
361.8385 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1596.0,1.00%,F,F)



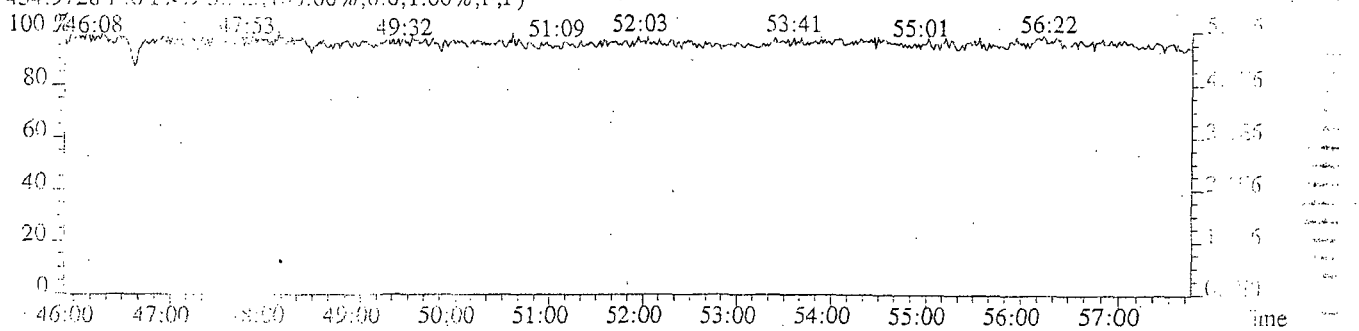
371.8817 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1624.0,1.00%,F,F)



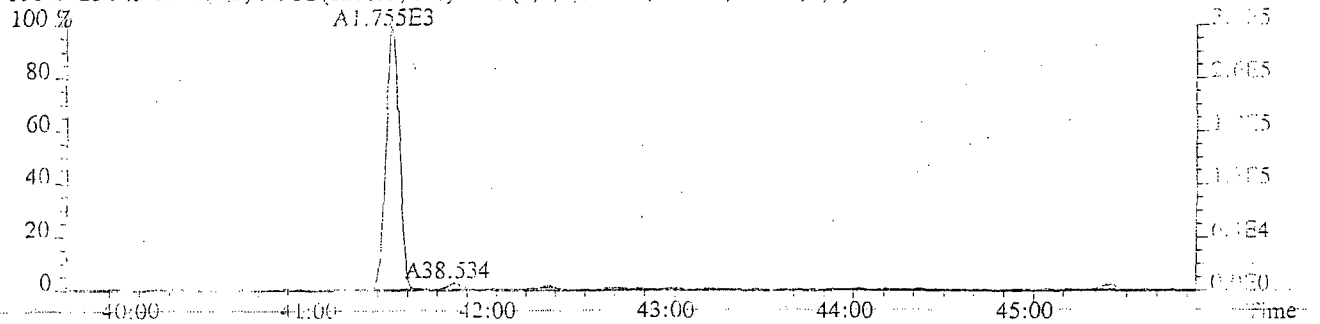
373.8788 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,708.0,1.00%,F,F)



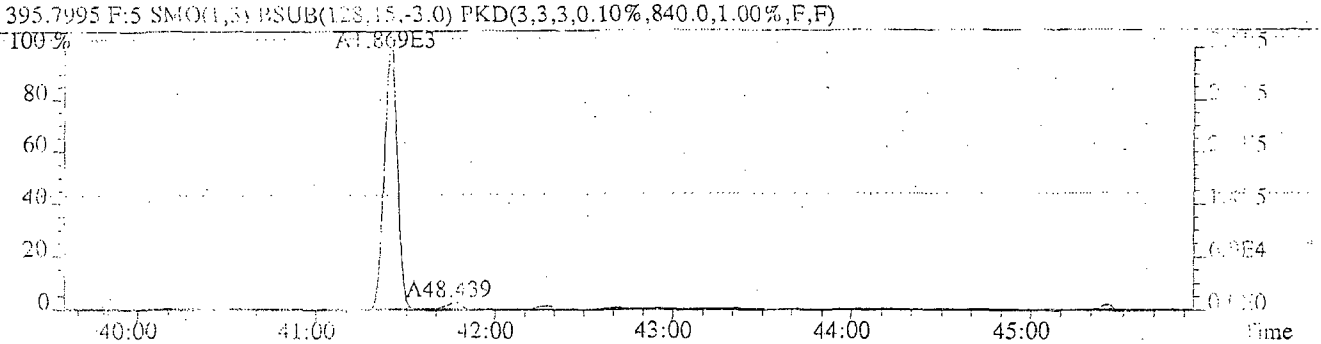
454.9728 F:6 PKD(5,3,100.00%,0.0,1.00%,F,F)



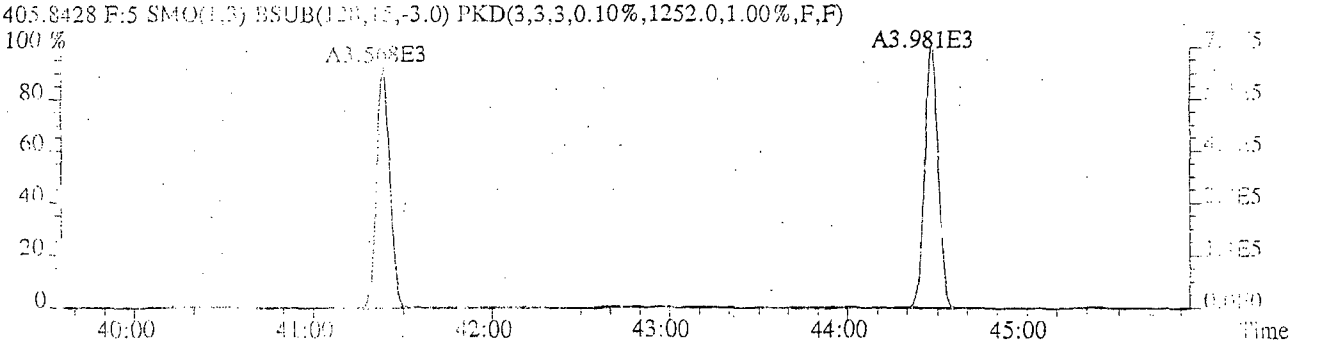
File:U220871 #1-403 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:HQ0000337-02 LCS
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1028.0,1.00%,F,F)



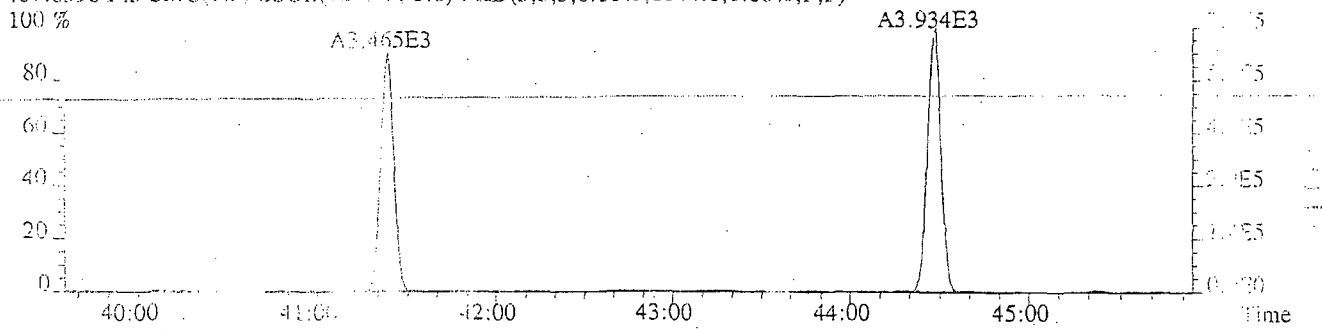
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,840.0,1.00%,F,F)



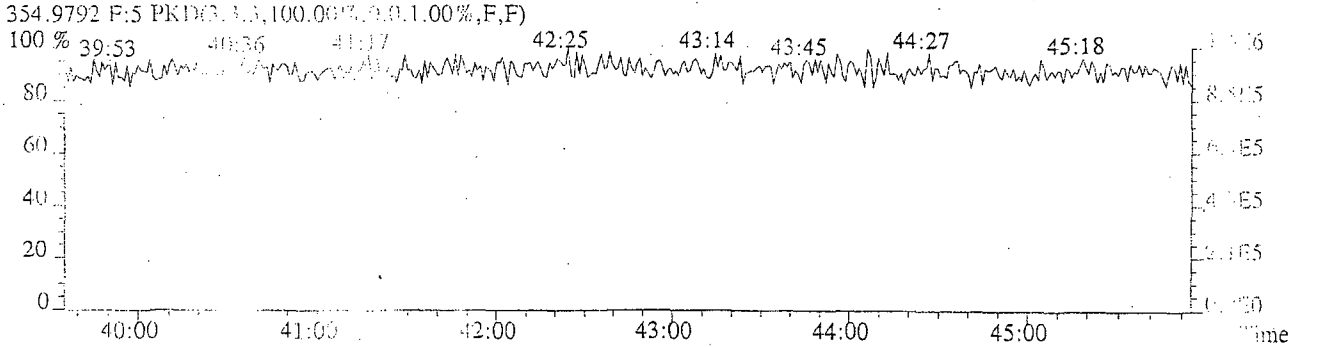
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1252.0,1.00%,F,F)



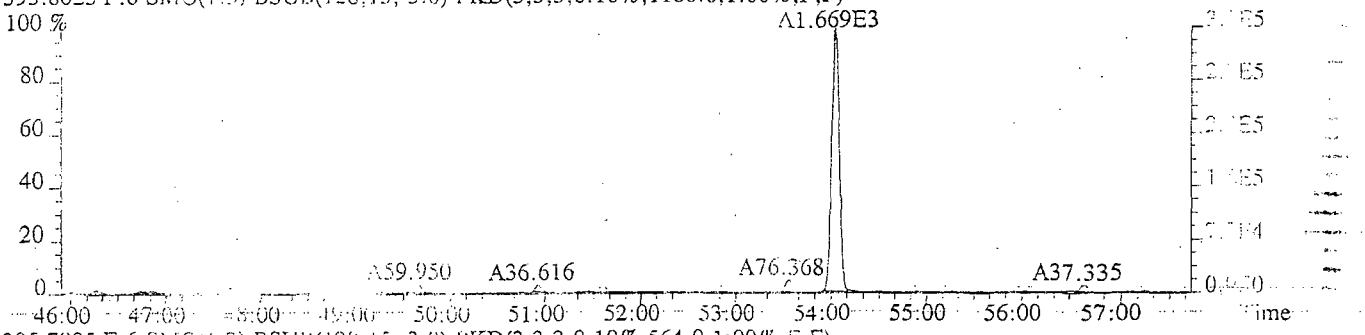
407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,F)



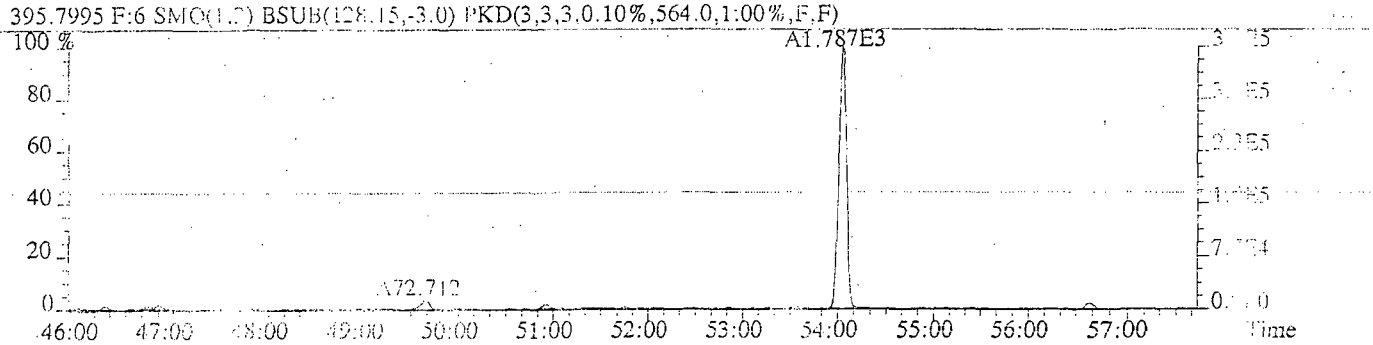
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



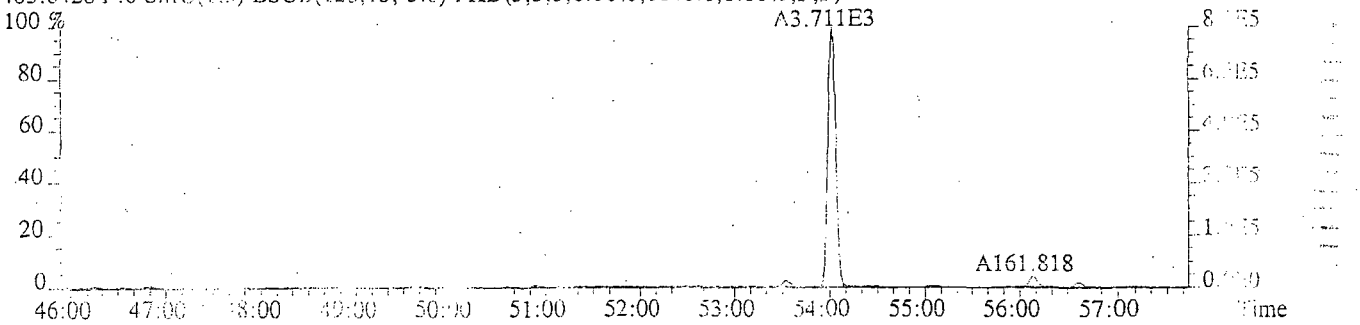
File:U220371 #1-588 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ090937-02 LCS
393.8025 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1188.0,1.00%,F,F)



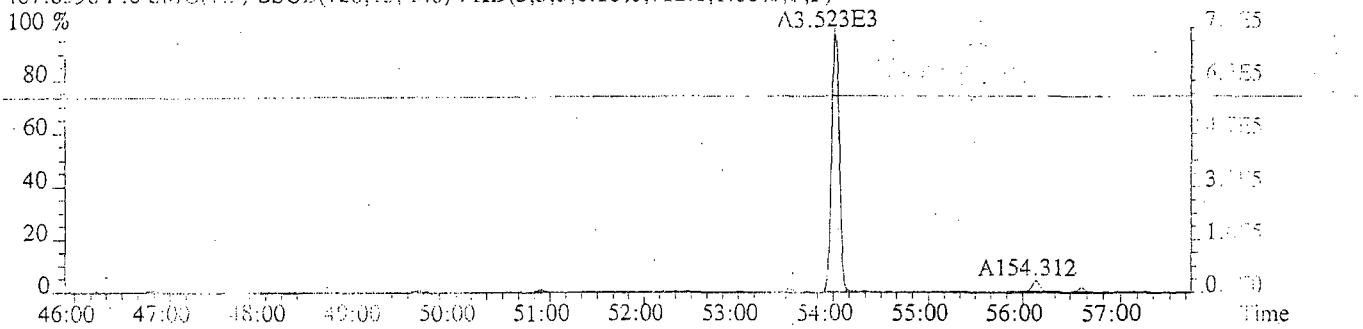
395.7995 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,564.0,1.00%,F,F)



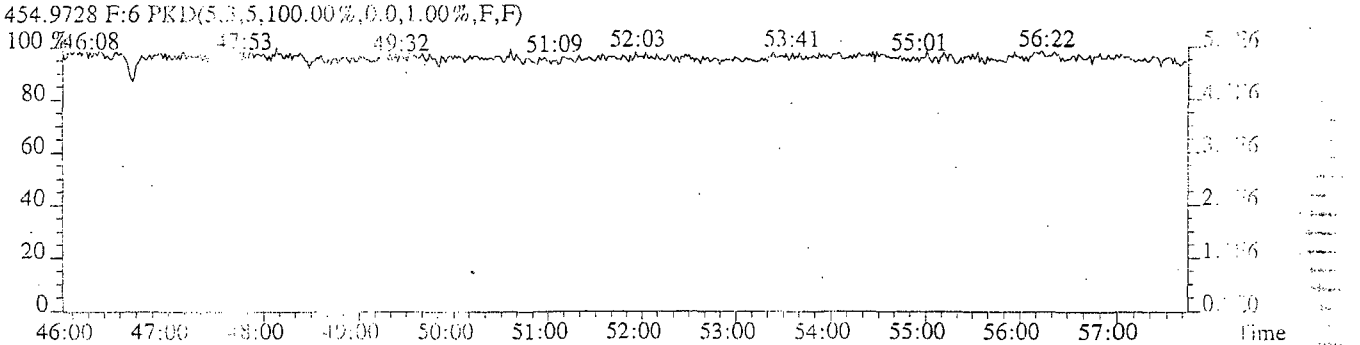
405.8428 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1148.0,1.00%,F,F)



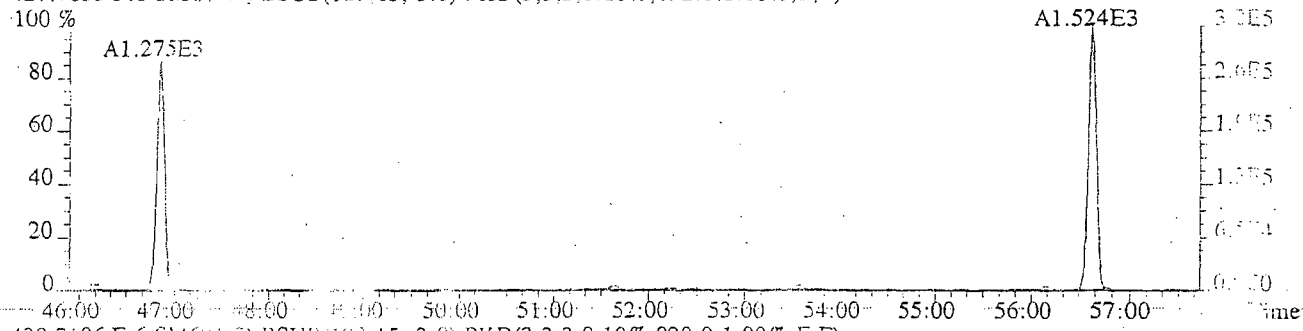
407.8398 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,712.0,1.00%,F,F)



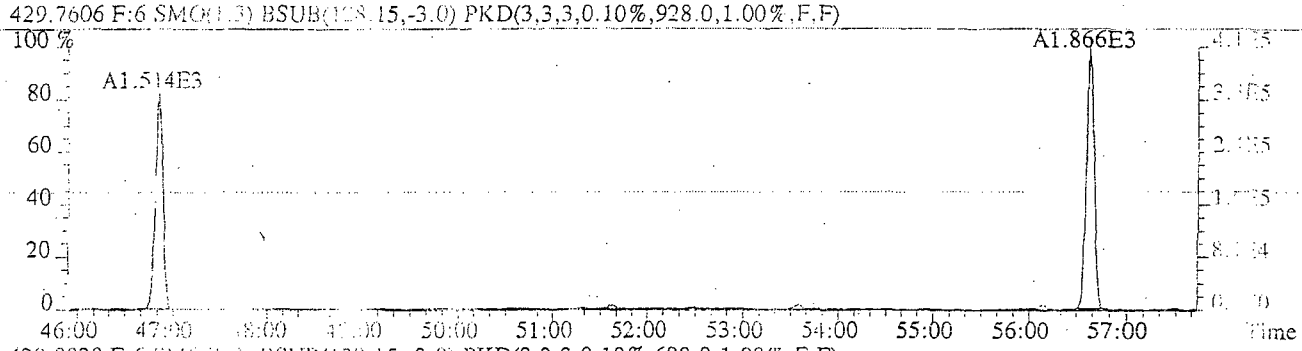
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



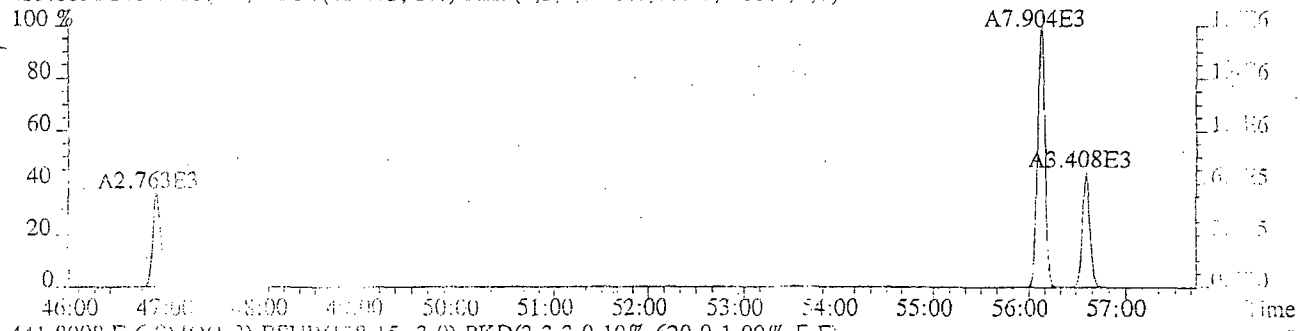
File:U220371 #1-586 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ000337-02 LCS
427.7635 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,692.0,1.00%,F,F)



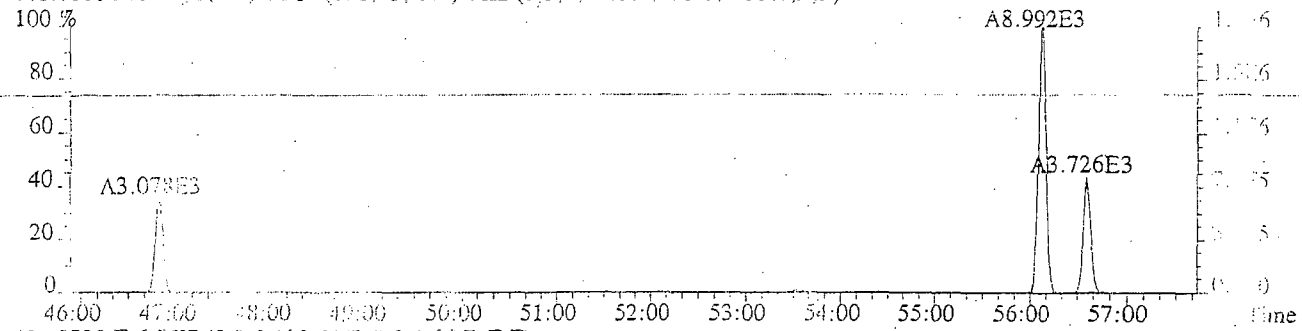
429.7606 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,928.0,1.00%,F,F)



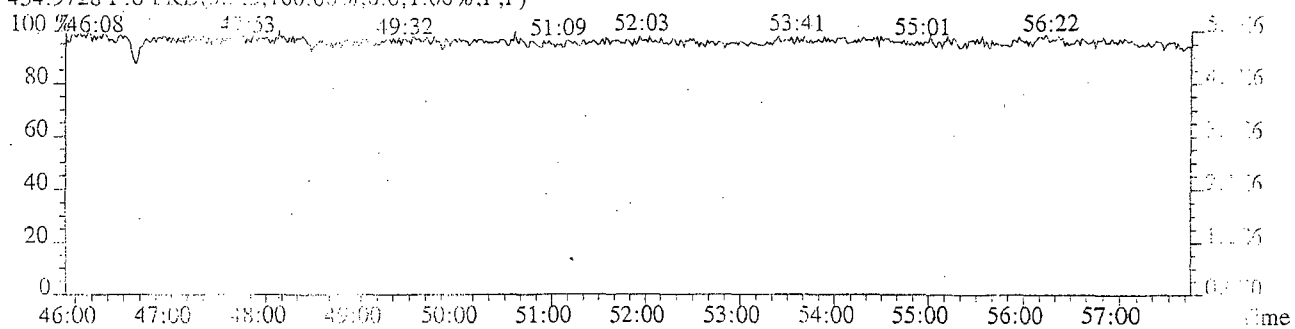
439.8038 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,688.0,1.00%,F,F)



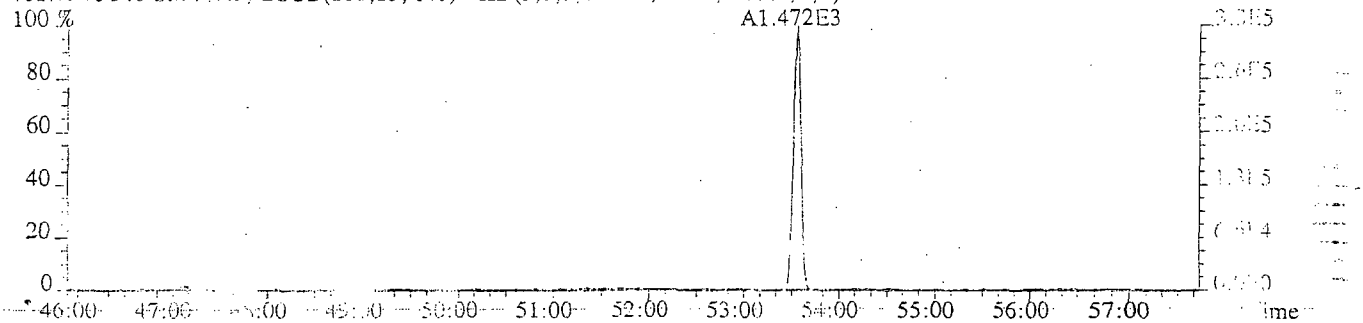
441.8008 F:6 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,620.0,1.00%,F,F)



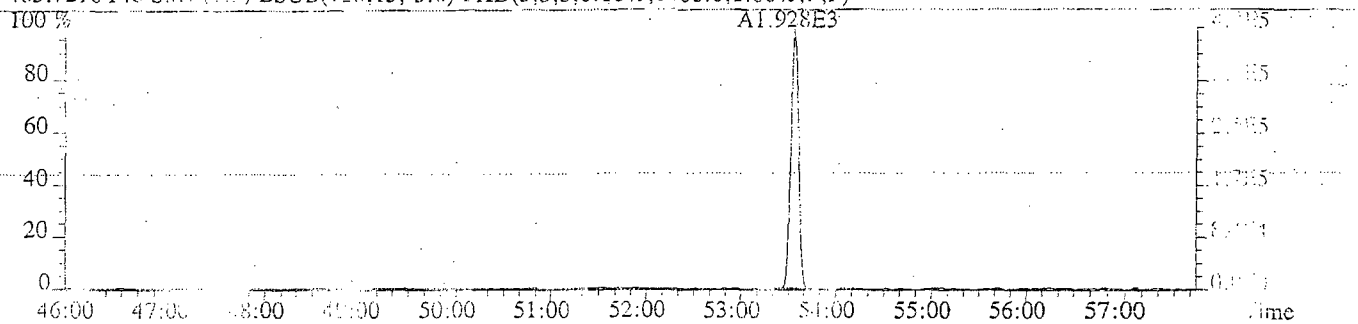
454.9728 F:6 PKD(5.0,5,100.00%,0.0,1.00%,F,F)



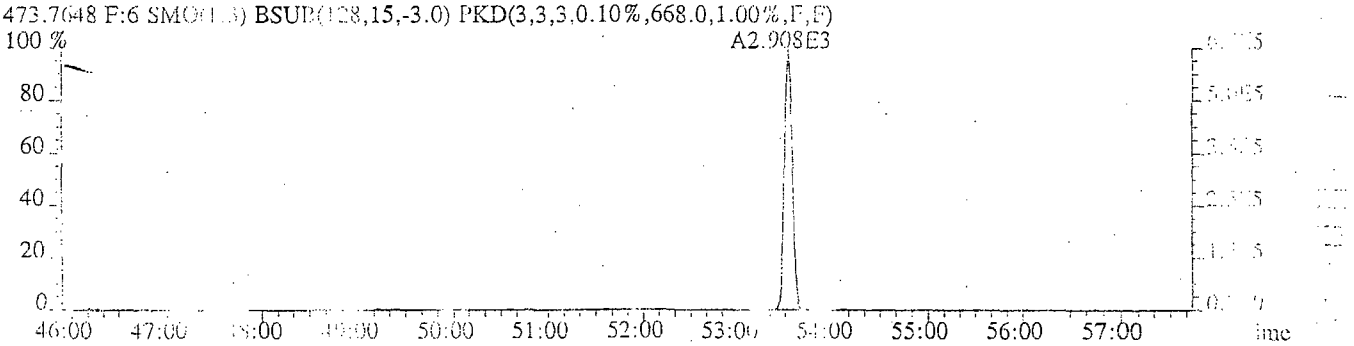
File:U220371 #1-586 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:EQ0[illegible]337-02 LCS
461.7246 F:6 SMO(1.0) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,992.0,1.00%,F,F)



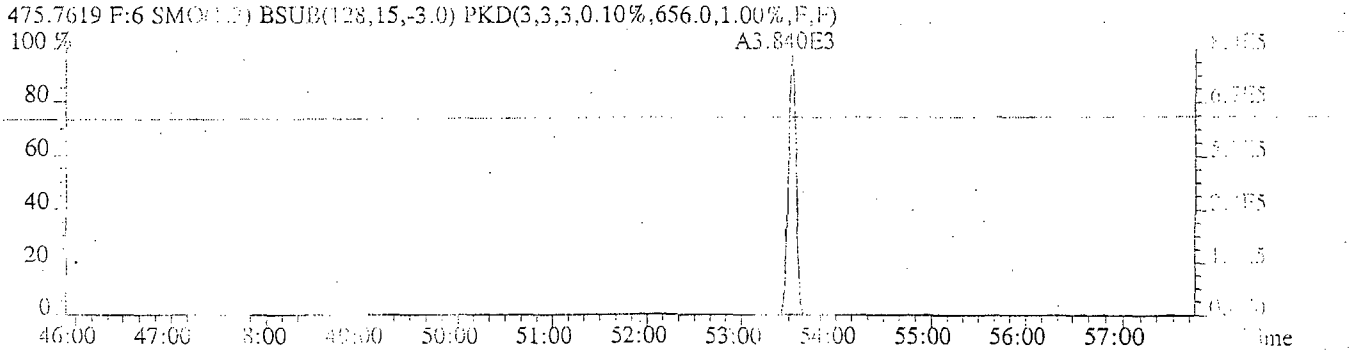
463.7216 F:6 SMO(1.0) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1408.0,1.00%,F,F)



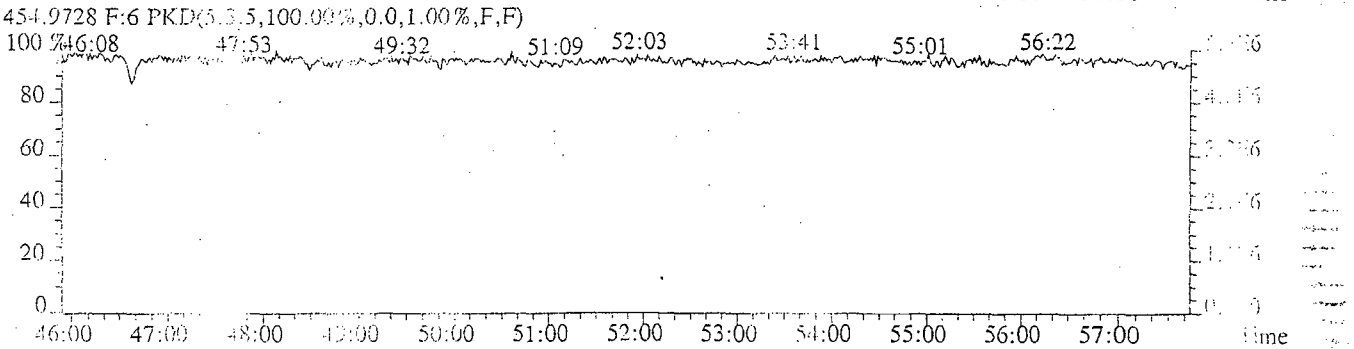
473.7648 F:6 SMO(1.0) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,668.0,1.00%,F,F)



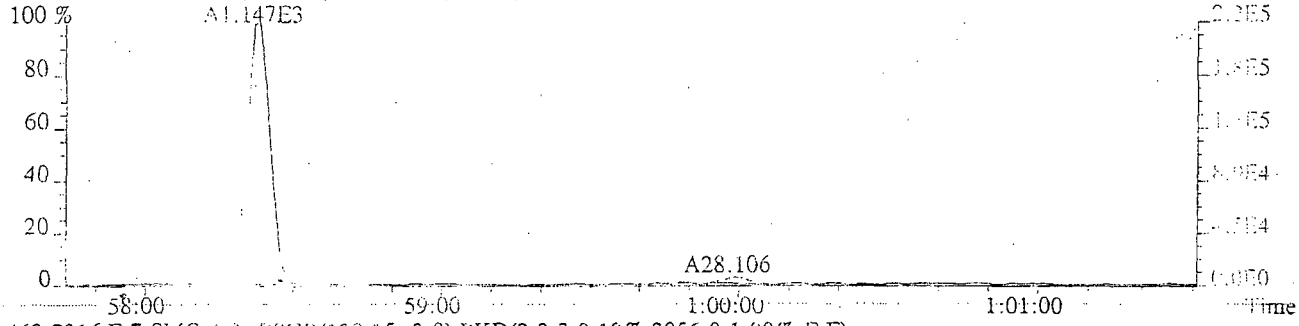
475.7619 F:6 SMO(1.0) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,656.0,1.00%,F,F)



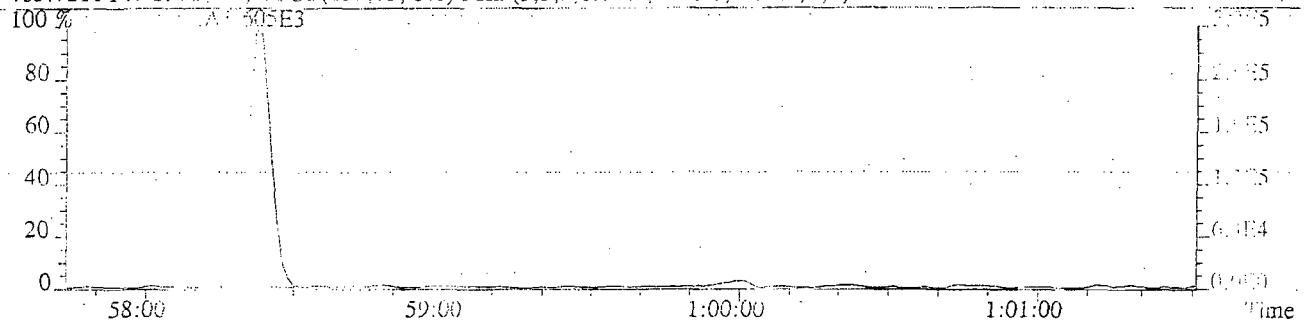
454.9728 F:6 PKD(5.0,5,100.00%,0.0,1.00%,F,F)



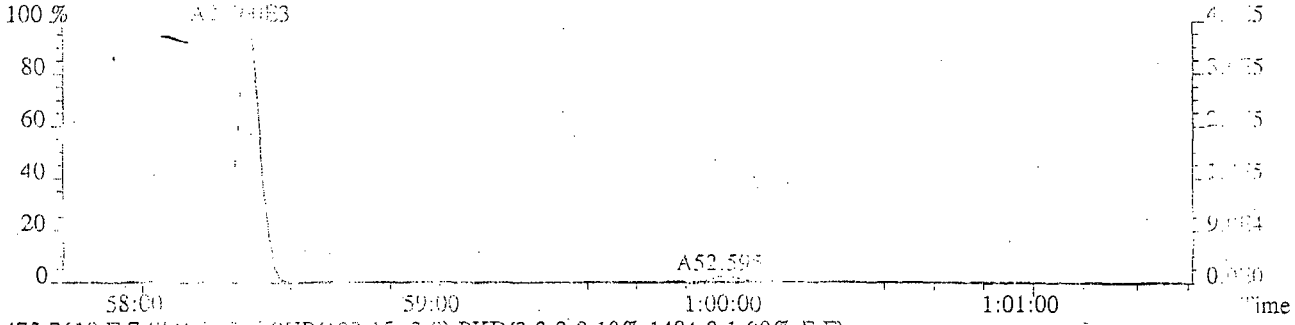
File:U220371 #1-214 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900337-02 LCS
461.7246 F:7 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1372.0,1.00%,F,F)



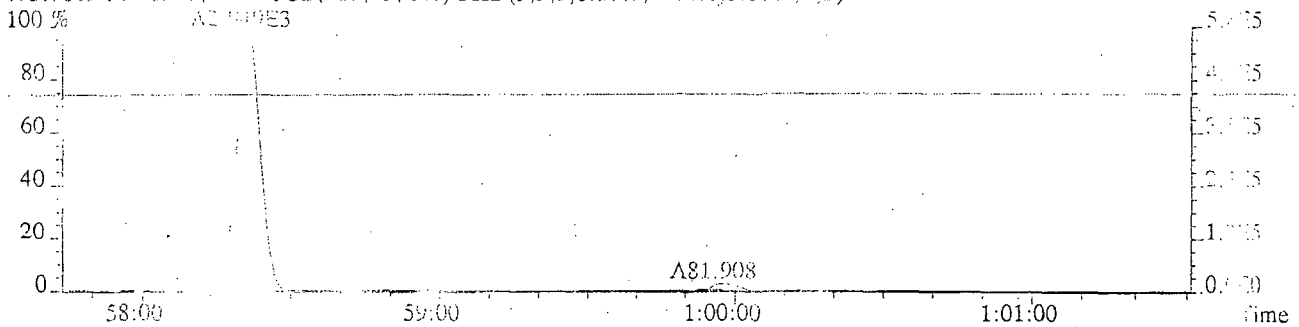
463.7216 F:7 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3056.0,1.00%,F,F)



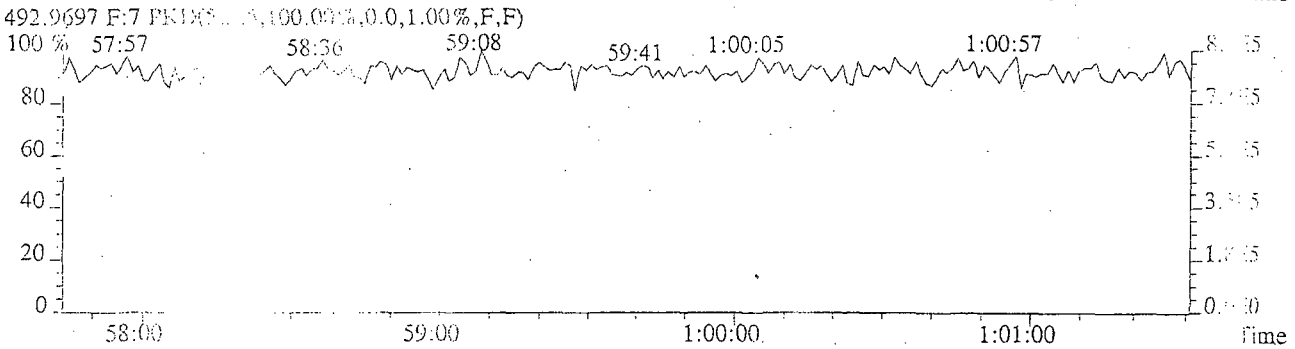
473.7648 F:7 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1008.0,1.00%,F,F)



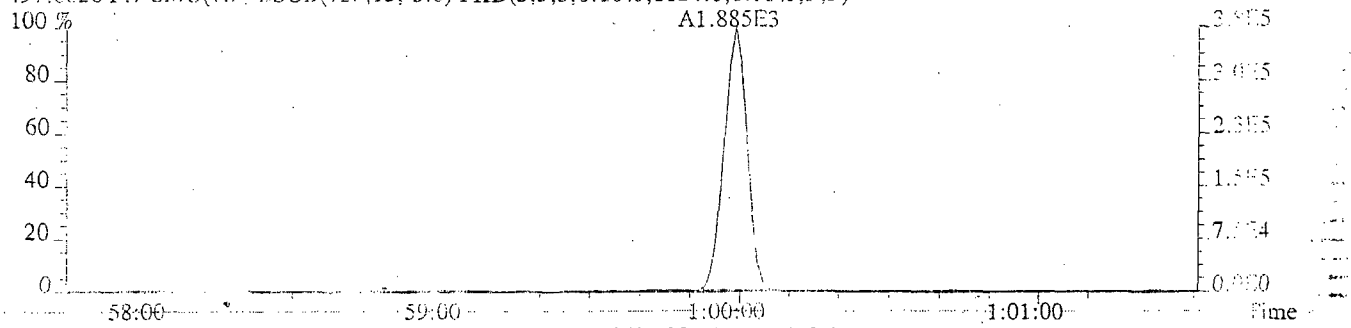
475.7619 F:7 SMO(1.5) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1484.0,1.00%,F,F)



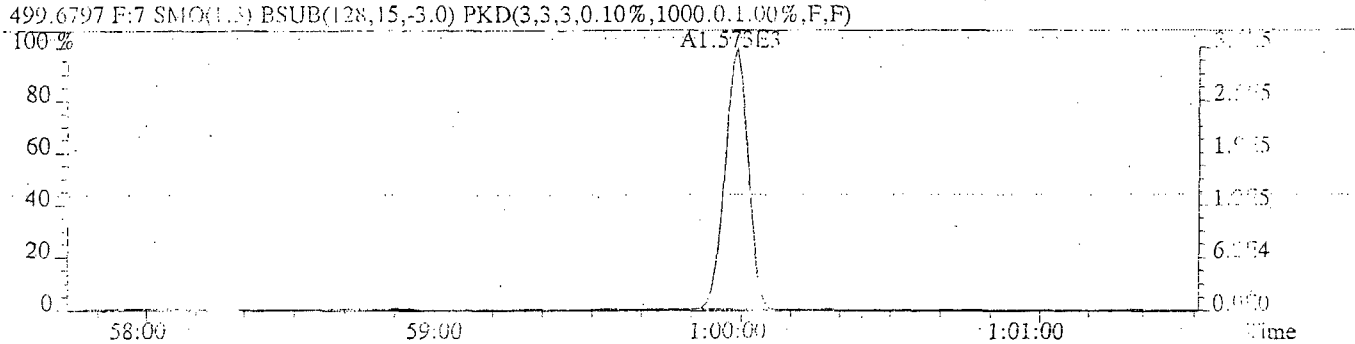
492.9697 F:7 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



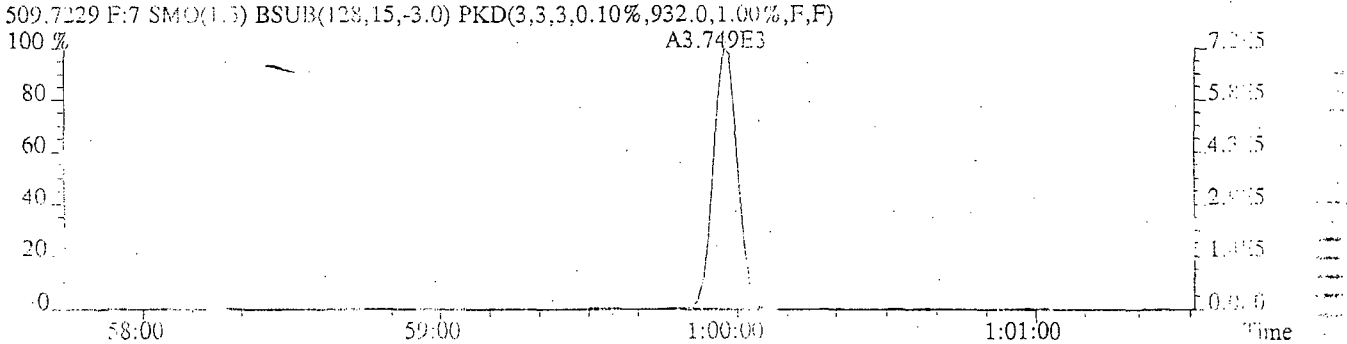
File:U220371 #1-214 Acq: 9-SEP-2009 04:46:46 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:E0090337-02 LCS
497.6826 F:7 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1124.0,1.00%,F,F)



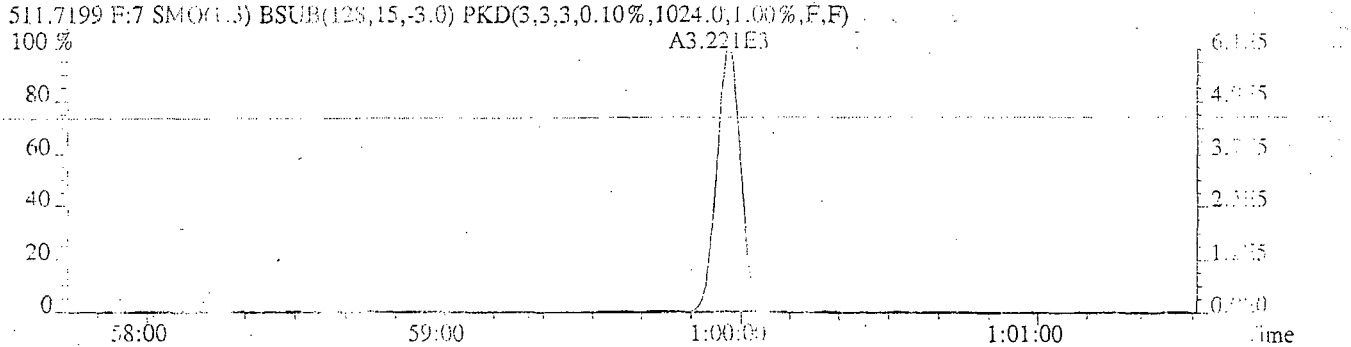
499.6797 F:7 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1000.0,1.00%,F,F)



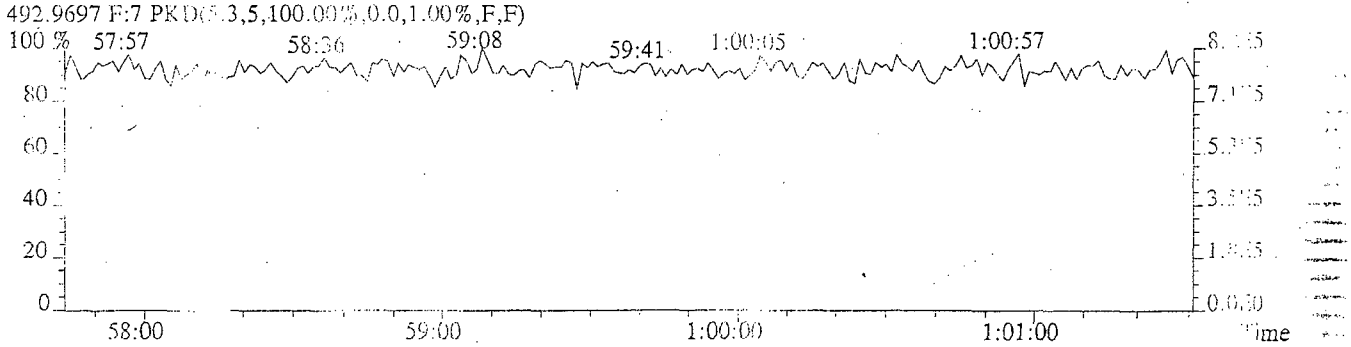
509.7229 F:7 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,932.0,1.00%,F,F)



511.7199 F:7 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1024.0,1.00%,F,F)



492.9697 F:7 PKD(3,3,5,100.00%,0.0,1.00%,F,F)



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
DLCS

Run #7 Filename U220291 #1 Samp: 1 Inj: 1 Acquired: 2-SEP-09 11:30:50
Processed: 3-SEP-09 14:54:58 LAB. ID: EQ0900323-03

	Typ	Name	RT-1	Resp 1	Resp 2	Ratio	Meet	Mod?	RRT
1	1	2-MoCB	14:30	2.542e+03	8.228e+02	3.09	yes	no	1.001
2	3	4-MoCB	17:02	3.037e+03	9.788e+02	3.10	yes	no	1.001
3	4	22'-DiCB	17:20	1.518e+03	1.531e+03	0.99	no	yes	1.002
4	15	44'-DiCB	23:49	2.806e+03	1.697e+03	1.65	yes	yes	1.001
5	19	22'6'-TrCB	20:53	1.031e+03	1.006e+03	1.02	yes	no	1.001
6	37	344'-TrCB	31:12	2.355e+03	2.306e+03	1.02	yes	no	1.001
7	54	22'66'-TeCB	24:09	1.167e+03	1.676e+03	0.70	yes	no	1.001
8	81	344'5-TeCB	38:08	1.671e+03	2.060e+03	0.81	yes	no	1.001
9	77	33'44'-TeCB	38:41	1.757e+03	2.310e+03	0.76	yes	no	1.000
10	104	22'466'-PeCB	29:57	1.877e+03	1.198e+03	1.57	yes	no	1.001
11	123	2'344'5-PeCB	40:43	2.167e+03	1.465e+03	1.48	yes	yes	1.000
12	118	23'44'5-PeCB	41:04	4.840e+03	3.175e+03	1.52	yes	yes	1.001
13	114	2344'5-PeCB	41:36	2.092e+03	1.400e+03	1.49	yes	yes	1.000
14	105	233'44'-PeCB	42:15	3.318e+03	2.106e+03	1.58	yes	yes	1.000
15	126	33'44'5-PeCB	45:22	1.868e+03	1.238e+03	1.51	yes	yes	1.000
16	155	22'44'66'-HxCB	35:48	1.715e+03	1.507e+03	1.14	yes	no	1.001
17	167	23'44'55'-HxCB	47:17	1.452e+03	1.263e+03	1.15	yes	no	1.001
18	56/7	233'44'5-HxCB	48:26	3.122e+03	2.555e+03	1.22	yes	no	1.000
19	169	33'44'55'-HxCB	51:41	1.314e+03	1.063e+03	1.24	yes	no	1.000
20	188	22'34'566'-HpCB	41:37	1.442e+03	1.512e+03	0.95	yes	no	1.001
21	189	233'44'55'-HpCB	54:14	1.044e+03	1.066e+03	0.98	yes	no	1.000
22	202	22'33'55'66'-OcCB	47:02	9.400e+02	1.153e+03	0.81	yes	no	1.000
23	205	233'44'55'6-OcCB	56:49	9.426e+02	1.110e+03	0.85	yes	no	1.000
24	208	22'33'4'55'66'-NoCB	53:46	9.213e+02	1.194e+03	0.77	yes	no	1.000
25	206	22'33'44'55'6-NoCB	58:35	8.900e+02	1.189e+03	0.75	yes	no	1.000
26	209	DeCB	1:00:┐	1.361e+03	1.108e+03	1.23	yes	no	1.000
27	1L	13C-2-MoCB	14:29	4.837e+03	1.579e+03	3.06	yes	yes	0.733
28	3L	13C-4-MoCB	17:01	5.780e+03	1.859e+03	3.11	yes	yes	0.861
29	4L	13C-22'-DiCB	17:18	3.103e+03	1.930e+03	1.61	yes	no	0.875
30	15L	13C-44'-DiCB	23:48	5.153e+03	3.333e+03	1.55	yes	no	1.204
31	19L	13C-22'6'-TrCB	20:52	2.161e+03	1.876e+03	1.15	yes	yes	1.056
32	37L	13C-344'-TrCB	31:11	4.426e+03	4.123e+03	1.07	yes	yes	1.078
33	54L	13C-22'66'-TeCB	24:08	2.525e+03	3.298e+03	0.77	yes	no	0.835
34	81L	13C-344'5-TeCB	38:06	3.200e+03	4.152e+03	0.77	yes	no	1.318
35	77L	13C-33'44'-TeCB	38:40	3.342e+03	4.163e+03	0.80	yes	no	1.337
36	104L	13C-22'466'-PeCB	29:55	3.916e+03	2.429e+03	1.61	yes	no	0.831
37	123L	13C-2'344'5-PeCB	40:42	4.102e+03	2.621e+03	1.57	yes	no	1.131
38	118L	13C-23'44'5-PeCB	41:02	4.140e+03	2.687e+03	1.54	yes	no	1.140
39	114L	13C-2344'5-PeCB	41:35	3.991e+03	2.612e+03	1.53	yes	no	1.156
40	105L	13C-233'44'-PeCB	42:14	4.146e+03	2.635e+03	1.57	yes	no	1.174
41	126L	13C-33'44'5-PeCB	45:21	4.087e+03	2.624e+03	1.56	yes	no	1.260
42	155L	13C-22'44'66'-HxCB	35:46	3.864e+03	3.013e+03	1.28	yes	no	0.809
43	167L	13C-23'44'55'-HxCB	47:15	2.935e+03	2.307e+03	1.27	yes	no	1.069
44	56/7	13C-233'44'5'-HxCB	48:25	5.699e+03	4.520e+03	1.26	yes	no	1.095
45	169L	13C-33'44'55'-HxCB	51:40	2.614e+03	2.187e+03	1.20	yes	no	1.169
46	188L	13C-22'34'566'-HpCB	41:35	3.290e+03	3.322e+03	0.99	yes	no	0.738
47	189La	13C-233'44'55'-HpCB	54:13	2.384e+03	2.297e+03	1.04	yes	no	0.963
48	202La	13C-22'33'55'66'-OcCB	47:01	2.119e+03	2.330e+03	0.91	yes	no	0.835
49	205L,	13C-233'44'55'6-OcCB	56:48	2.232e+03	2.399e+03	0.93	yes	no	1.009
50	208L	713C-22'33'4'55'66'-NoCB	53:45	1.977e+03	2.381e+03	0.83	yes	no	0.954
51	206L	13C-22'33'44'55'6-NoCB	58:34	1.557e+03	2.092e+03	0.74	yes	no	1.040
52	209L	13C-DeCB	1:00:┐	2.679e+03	2.197e+03	1.22	yes	no	1.068

53 28L	13C-244'-TrCB	27:00	3.942e+03	4.029e+03	0.98	yes	yes	0.934
54111L	13C-233'55'-PeCB	38:43	4.058e+03	2.589e+03	1.57	yes	no	1.076
55178L	13C-22'33'55'6-HpCB	44:39	2.207e+03	2.063e+03	1.07	yes	no	1.010
56 9L	13C-2,5-DiCB	19:46	7.987e+03	5.159e+03	1.55	yes	no	*
57 52L	13C-22'55'-TeCB	28:55	3.804e+03	4.760e+03	0.80	yes	no	*
58101L	13C-22'4'55'-PeCB	35:59	5.022e+03	3.046e+03	1.65	yes	no	*
59138L	13C-22'3'44'5'-HxCB	44:12	4.767e+03	3.707e+03	1.29	yes	no	*
60194L	13C-22'33'44'55'-OcCB	56:19	2.377e+03	2.544e+03	0.93	yes	no	*

Columbia Analytical Services, Inc.
Signal/Noise Height Ratio Summary

CLIENT ID.
DLCS

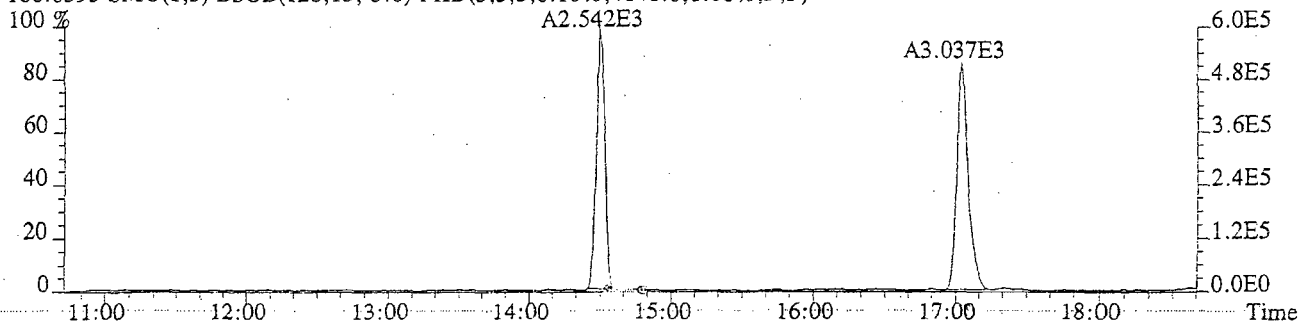
Run #7 Filename U220291 Samp: 1 Inj: 1 Acquired: 2-SEP-09 11:30:50
Processed: 3-SEP-09 14:54:581 LAB. ID: EQ0900323-03

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	2-MoCB	5.95e+05	4.15e+03	1.4e+02	1.96e+05	7.30e+03	2.7e+01
2	4-MoCB	5.13e+05	4.15e+03	1.2e+02	1.68e+05	7.30e+03	2.3e+01
3	22'-DiCB	1.64e+05	6.96e+03	2.4e+01	1.49e+05	5.19e+04	2.9e+00
4	44'-DiCB	6.56e+05	5.24e+03	1.3e+02	4.13e+05	1.15e+05	3.6e+00
5	22'6'-TrCB	2.68e+05	4.18e+03	6.4e+01	2.68e+05	9.83e+03	2.7e+01
6	344'-TrCB	4.62e+05	6.01e+03	7.7e+01	4.36e+05	4.53e+03	9.6e+01
7	22'66'-TeCB	2.79e+05	7.98e+03	3.5e+01	3.94e+05	8.72e+03	4.5e+01
8	344'5-TeCB	3.04e+05	3.15e+03	9.6e+01	3.86e+05	4.42e+03	8.7e+01
9	33'44'-TeCB	3.24e+05	3.15e+03	1.0e+02	4.28e+05	4.42e+03	9.7e+01
10	22'466'-PeCB	3.76e+05	8.90e+03	4.2e+01	2.30e+05	5.80e+03	4.0e+01
11	2'344'5-PeCB	3.69e+05	1.41e+04	2.6e+01	2.51e+05	1.43e+04	1.8e+01
12	23'44'5-PeCB	8.92e+05	1.41e+04	6.3e+01	5.69e+05	1.43e+04	4.0e+01
13	2344'5-PeCB	3.88e+05	1.41e+04	2.8e+01	2.53e+05	1.43e+04	1.8e+01
14	233'44'-PeCB	6.07e+05	1.41e+04	4.3e+01	3.91e+05	1.43e+04	2.7e+01
15	33'44'5-PeCB	3.39e+05	1.41e+04	2.4e+01	2.24e+05	1.43e+04	1.6e+01
16	22'44'66'-HxCB	3.41e+05	5.44e+03	6.3e+01	2.92e+05	4.36e+03	6.7e+01
17	23'44'55'-HxCB	3.18e+05	6.74e+03	4.7e+01	2.72e+05	6.70e+03	4.1e+01
18	233'44'5-HxCB	5.40e+05	6.74e+03	8.0e+01	4.29e+05	6.70e+03	6.4e+01
19	33'44'55'-HxCB	2.83e+05	6.74e+03	4.2e+01	2.44e+05	6.70e+03	3.6e+01
20	22'34'566'-HpCB	2.61e+05	1.86e+03	1.4e+02	2.68e+05	1.06e+03	2.5e+02
21	233'44'55'-HpCB	2.31e+05	3.26e+03	7.1e+01	2.33e+05	1.79e+03	1.3e+02
22	22'33'55'66'-OcCB	2.09e+05	1.08e+03	1.9e+02	2.52e+05	1.11e+03	2.3e+02
23	233'44'55'6-OcCB	2.10e+05	1.08e+03	2.0e+02	2.37e+05	1.11e+03	2.1e+02
24	22'33'4'55'66'-NoCB	1.97e+05	9.20e+02	2.1e+02	2.64e+05	1.75e+03	1.5e+02
25	22'33'44'55'6-NoCB	1.78e+05	1.23e+03	1.4e+02	2.33e+05	2.33e+03	1.0e+02
26	DeCB	2.60e+05	8.44e+02	3.1e+02	2.16e+05	1.40e+03	1.5e+02
27	13C-2-MoCB	1.14e+06	4.74e+03	2.4e+02	3.74e+05	4.41e+04	8.5e+00
28	13C-4-MoCB	9.85e+05	4.74e+03	2.1e+02	3.18e+05	4.41e+04	7.2e+00
29	13C-22'-DiCB	3.53e+05	5.22e+03	6.8e+01	2.17e+05	6.54e+03	3.3e+01
30	13C-44'-DiCB	1.24e+06	1.13e+04	1.1e+02	7.89e+05	8.57e+03	9.2e+01
31	13C-22'6'-TrCB	5.74e+05	2.12e+05	2.7e+00	4.98e+05	1.48e+05	3.4e+00
32	13C-344'-TrCB	8.40e+05	1.37e+05	6.1e+00	7.87e+05	3.11e+04	2.5e+01
33	13C-22'66'-TeCB	6.03e+05	1.38e+04	4.4e+01	7.74e+05	6.46e+03	1.2e+02
34	13C-344'5-TeCB	5.92e+05	4.88e+03	1.2e+02	7.62e+05	3.27e+03	2.3e+02
35	13C-33'44'-TeCB	6.23e+05	4.88e+03	1.3e+02	7.57e+05	3.27e+03	2.3e+02
36	13C-22'466'-PeCB	7.72e+05	2.40e+03	3.2e+02	4.80e+05	2.32e+03	2.1e+02
37	13C-2'344'5-PeCB	7.54e+05	1.88e+03	4.0e+02	4.84e+05	1.52e+03	3.2e+02
38	13C-23'44'5-PeCB	7.81e+05	1.88e+03	4.2e+02	4.82e+05	1.52e+03	3.2e+02
39	13C-2344'5-PeCB	7.38e+05	1.88e+03	3.9e+02	4.88e+05	1.52e+03	3.2e+02
40	13C-233'44'-PeCB	7.44e+05	1.88e+03	4.0e+02	4.81e+05	1.52e+03	3.2e+02
41	13C-33'44'5-PeCB	7.44e+05	1.88e+03	4.0e+02	4.60e+05	1.52e+03	3.0e+02
42	13C-22'44'66'-HxCB	7.06e+05	1.52e+03	4.6e+02	5.69e+05	1.76e+03	3.2e+02
43	13C-23'44'55'-HxCB	6.35e+05	8.00e+02	7.9e+02	4.99e+05	1.28e+03	3.9e+02
44	13C-233'44'5'-HxCB	9.74e+05	8.00e+02	1.2e+03	7.76e+05	1.28e+03	6.1e+02
45	13C-33'44'55'-HxCB	5.76e+05	8.00e+02	7.2e+02	4.70e+05	1.28e+03	3.7e+02
46	13C-22'34'566'-HpCB	5.85e+05	1.82e+03	3.2e+02	6.11e+05	9.40e+02	6.5e+02
47	13C-233'44'55'-HpCB	5.10e+05	1.80e+03	2.8e+02	4.98e+05	1.26e+03	4.0e+02
48	13C-22'33'55'66'-OcCB	4.61e+05	8.32e+02	5.5e+02	4.99e+05	9.20e+02	5.4e+02
49	13C-233'44'55'6-OcCB	4.83e+05	8.32e+02	5.8e+02	5.21e+05	9.20e+02	5.7e+02
50	13C-22'33'4'55'66'-NoCB	4.24e+05	1.18e+03	3.6e+02	5.18e+05	9.20e+02	5.6e+02
51	13C-22'33'44'55'6-NoCB	3.04e+05	1.31e+03	2.3e+02	4.03e+05	8.08e+02	5.0e+02
52	13C-DeCB	5.25e+05	1.20e+03	4.4e+02	4.22e+05	1.21e+03	3.5e+02

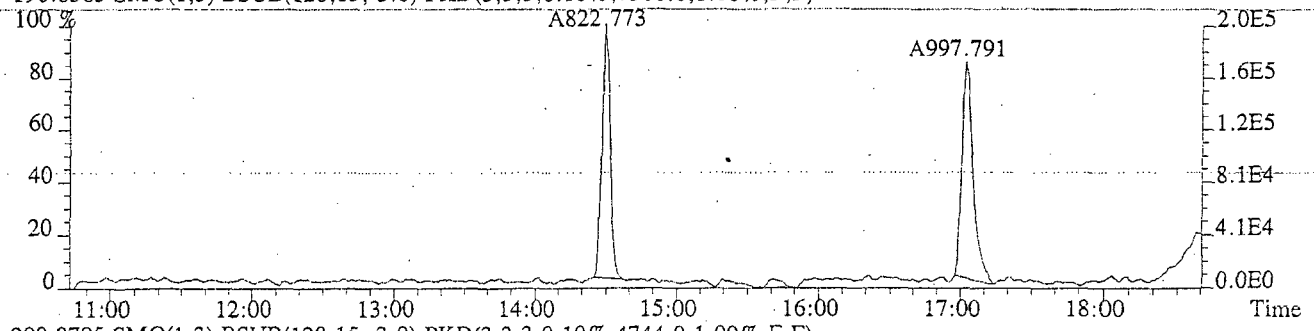
53	13C-244'-TrCB	8.35e+05	1.37e+05	6.1e+00	8.14e+05	3.11e+04	2.6e+01
54	13C-233'55'-PeCB	7.62e+05	1.34e+03	5.7e+02	4.82e+05	1.64e+03	2.9e+02
55	13C-22'33'55'6-HpCB	4.01e+05	1.82e+03	2.2e+02	3.82e+05	9.40e+02	4.1e+02
56	13C-2,5-DiCB	2.35e+06	1.13e+04	2.1e+02	1.52e+06	8.57e+03	1.8e+02
57	13C-22'55'-TeCB	7.53e+05	5.78e+03	1.3e+02	9.45e+05	3.72e+03	2.5e+02
58	13C-22'4'55'-PeCB	9.19e+05	1.34e+03	6.9e+02	5.63e+05	1.64e+03	3.4e+02
59	13C-22'3'44'5'-HxCB	8.62e+05	7.84e+02	1.1e+03	6.75e+05	8.72e+02	7.7e+02
60	13C-22'33'44'55'-OcCB	5.15e+05	8.32e+02	6.2e+02	5.45e+05	9.20e+02	5.9e+02

File:U220291 #1-512 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

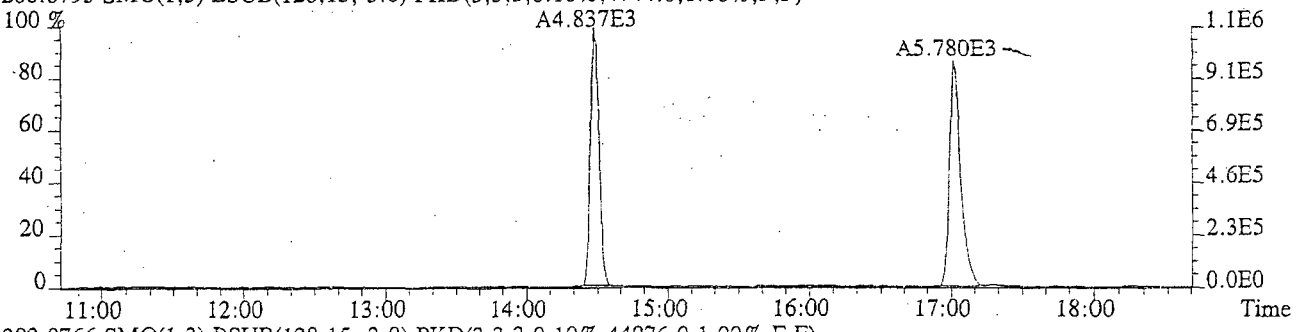
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4148.0,1.00%,F,F)



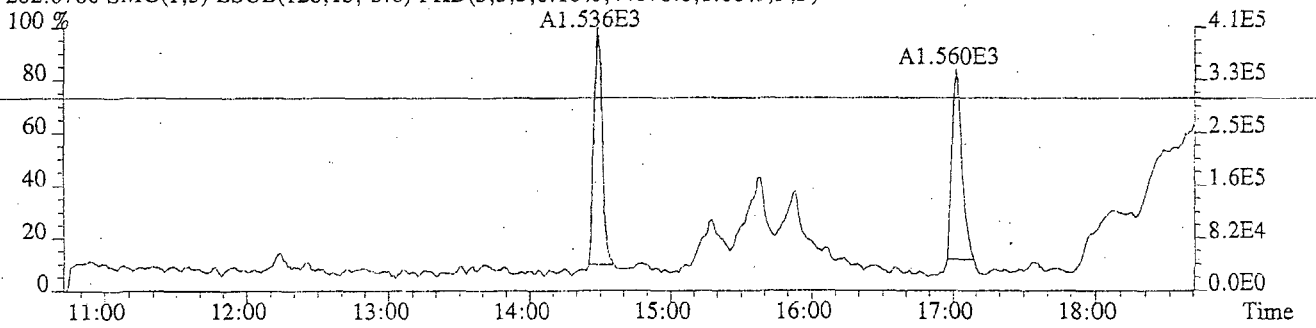
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7300.0,1.00%,F,F)



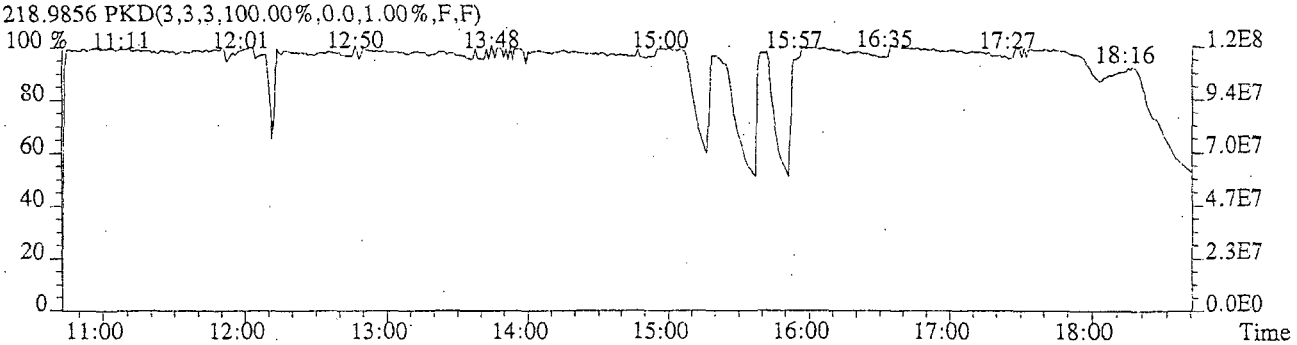
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4744.0,1.00%,F,F)



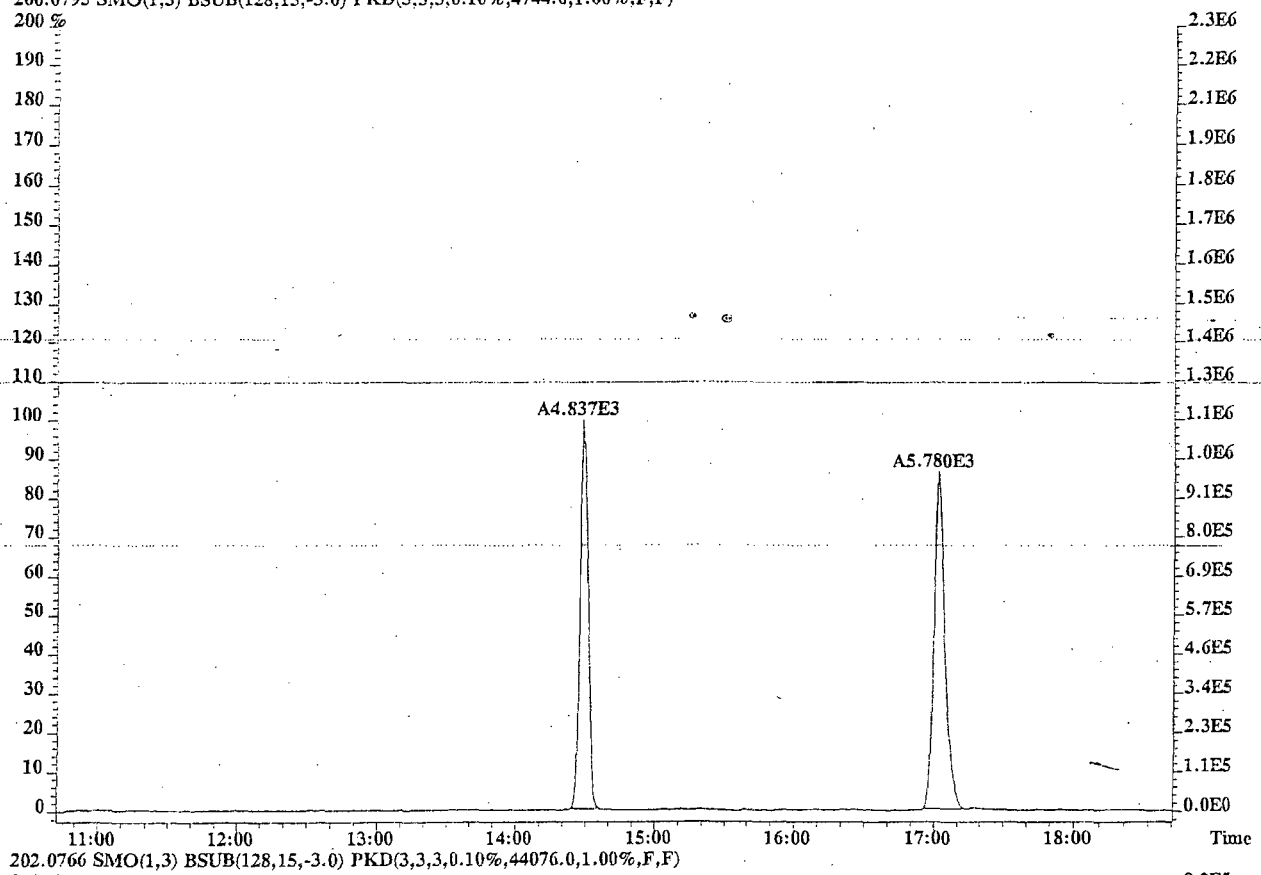
202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,44076.0,1.00%,F,F)



218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

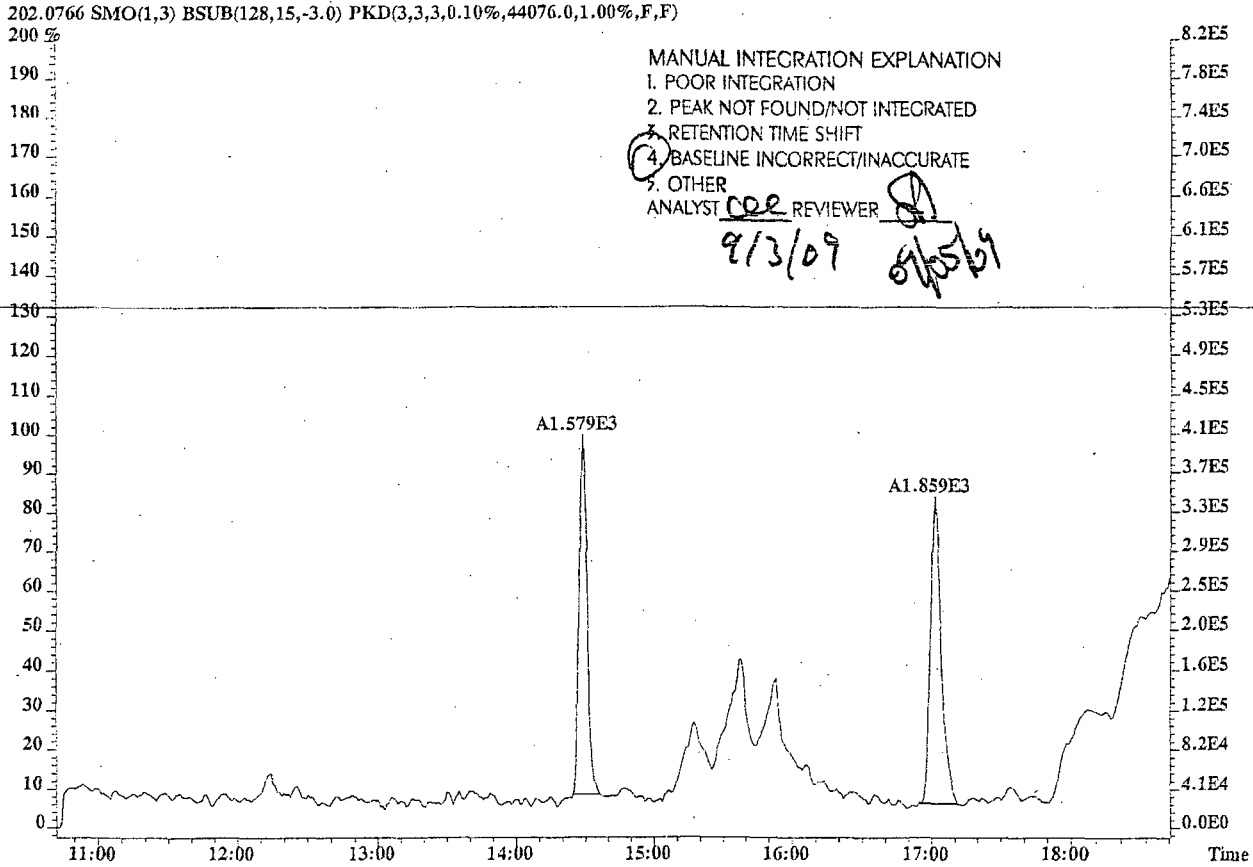


File:U220291 #1-512 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900323-03 DLCS
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4744.0,1.00%,F,F)



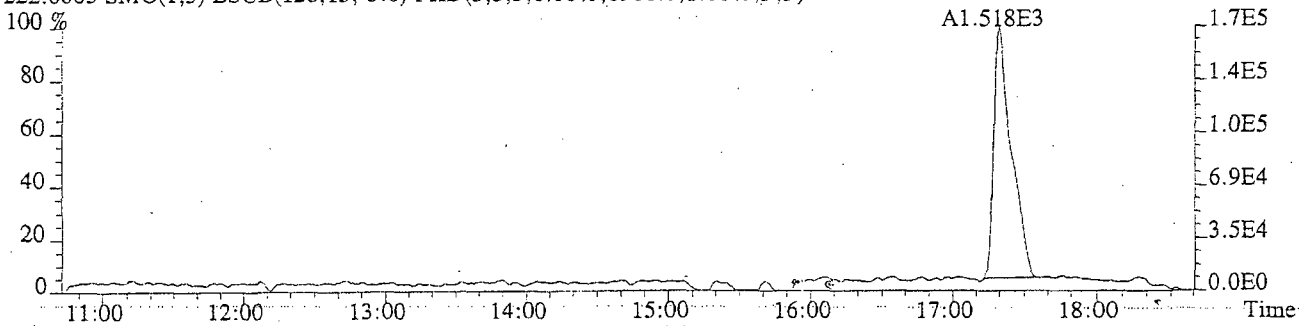
202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,44076.0,1.00%,F,F)

MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST CDE REVIEWER
9/3/09

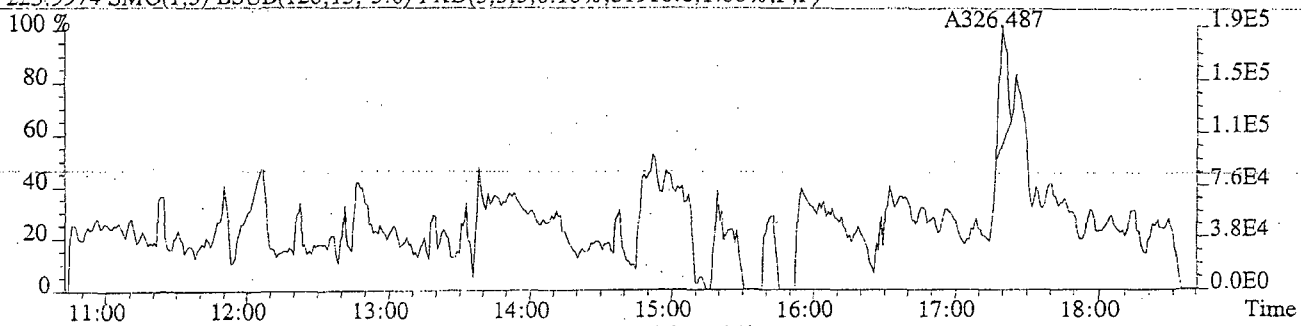


File:U220291 #1-512 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:EQ0900323-03 DLCS

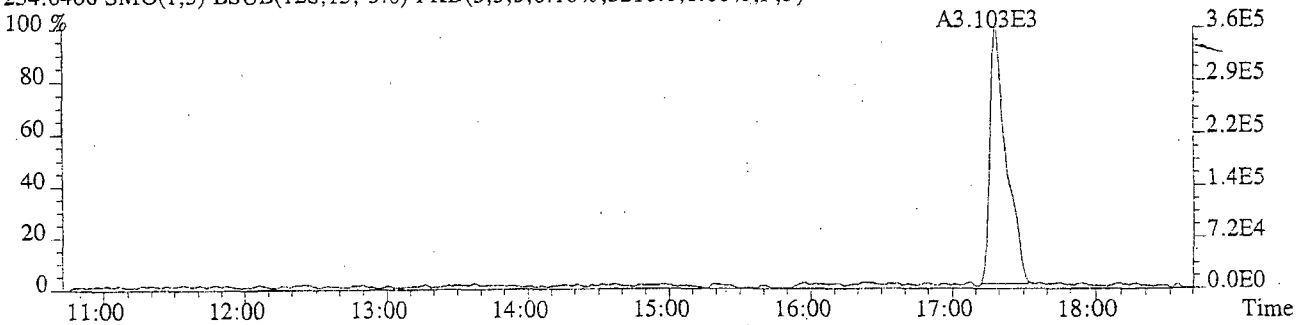
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6960.0,1.00%,F,F)



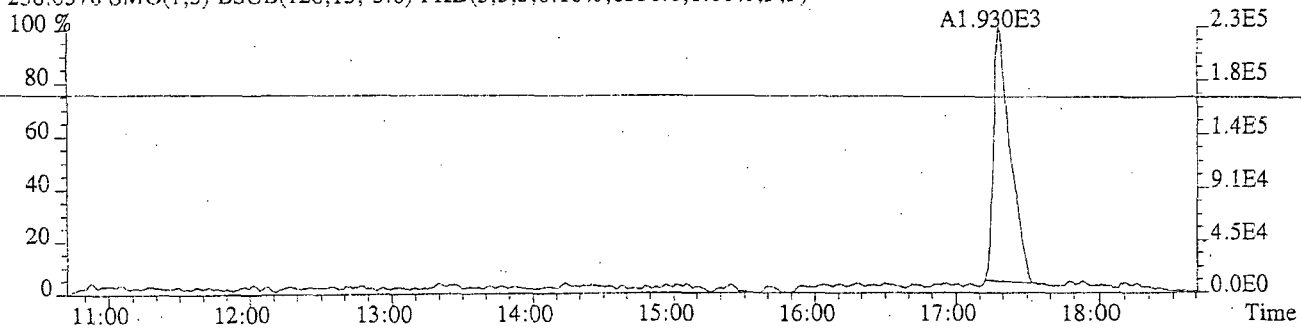
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,51916.0,1.00%,F,F)



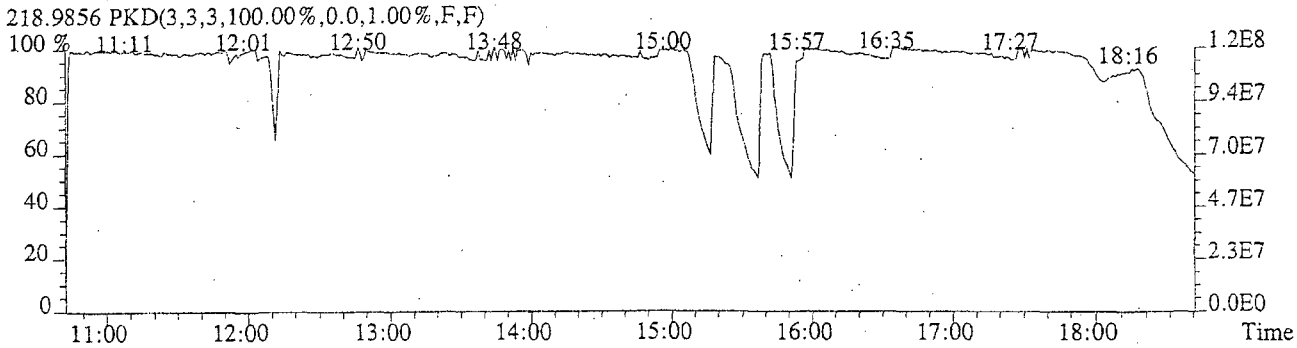
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5216.0,1.00%,F,F)



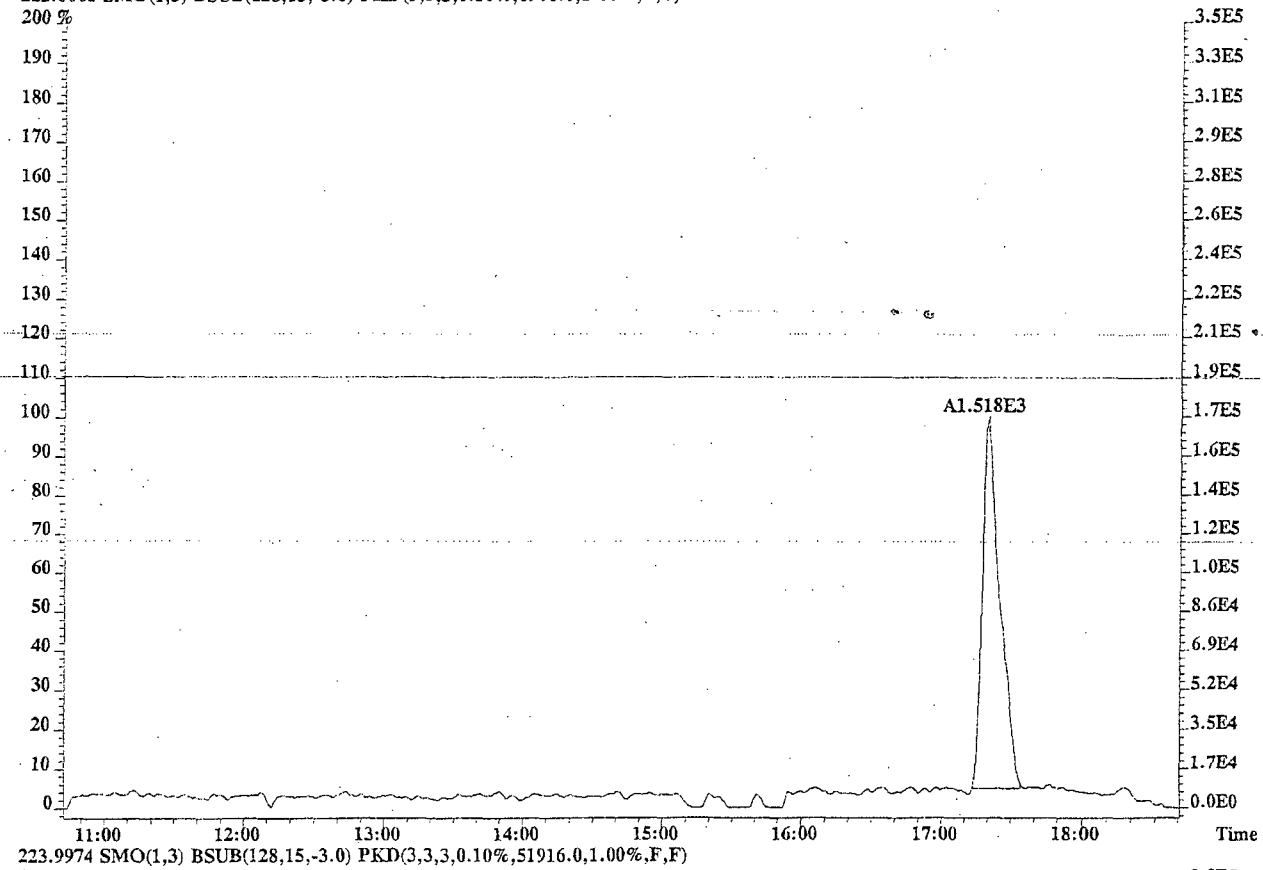
236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6536.0,1.00%,F,F)



218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

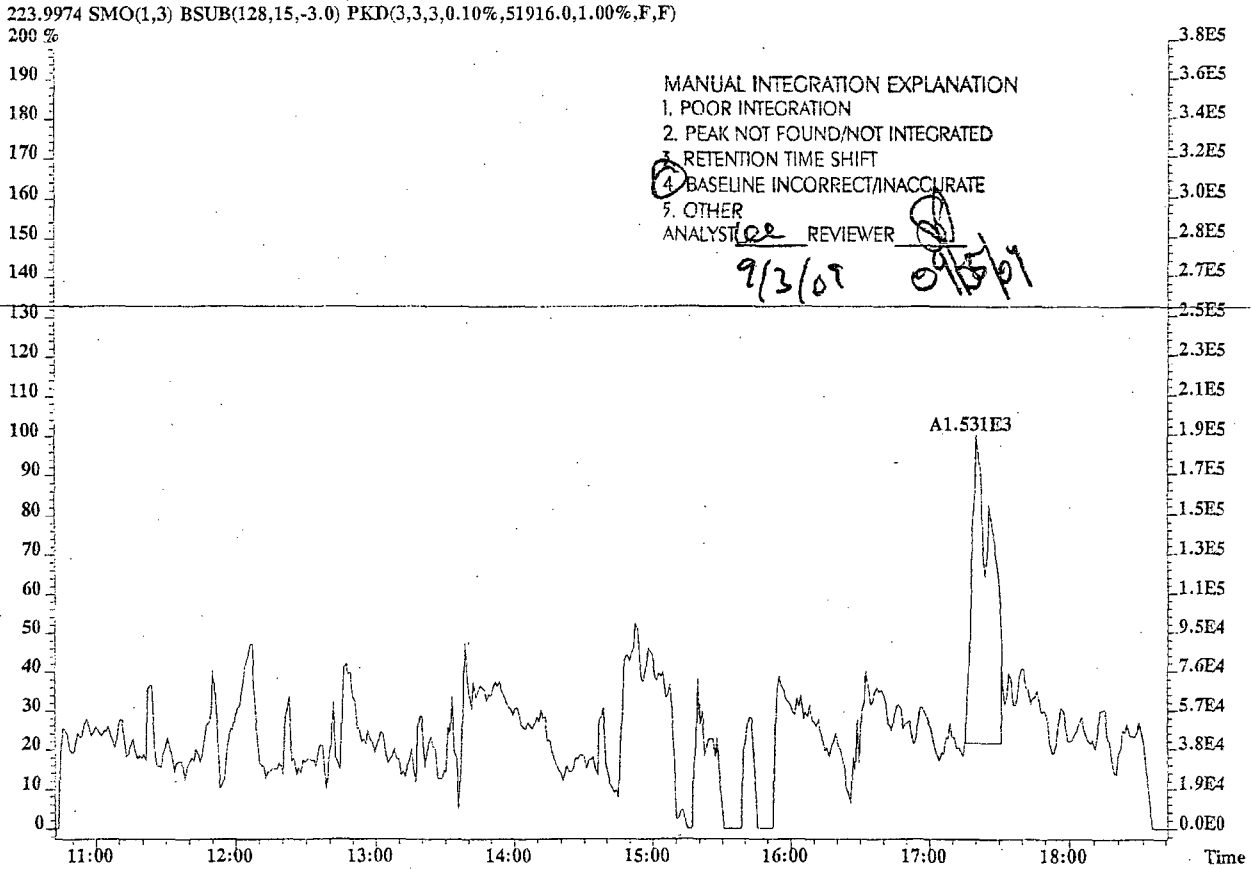


File:U220291 #1-512 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900323-03 DLCS
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6960.0,1.00%,F,F)



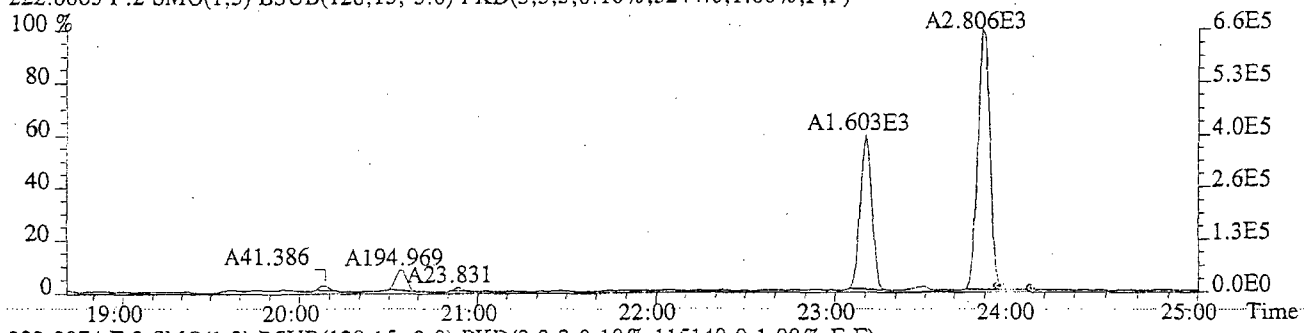
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,51916.0,1.00%,F,F)

MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST REVIEWER
9/3/09 9/15/09

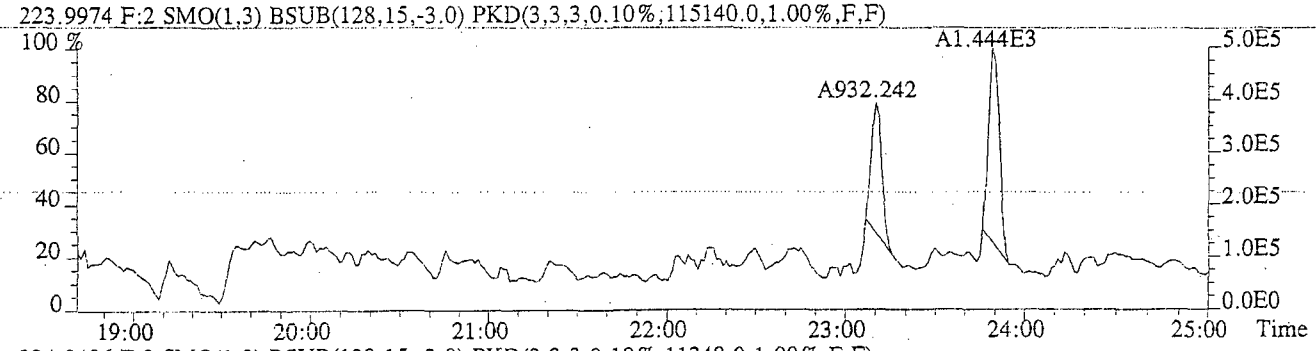


File:U220291 #1-349 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

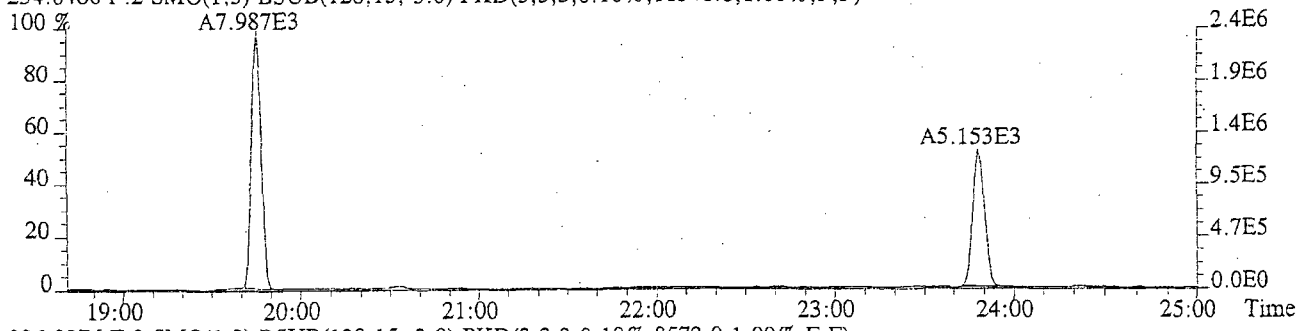
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5244.0,1.00%,F,F)



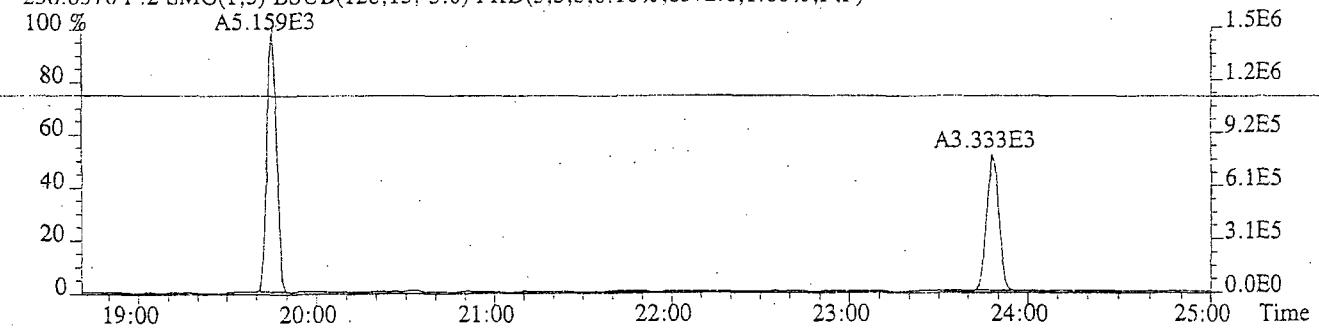
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,115140.0,1.00%,F,F)



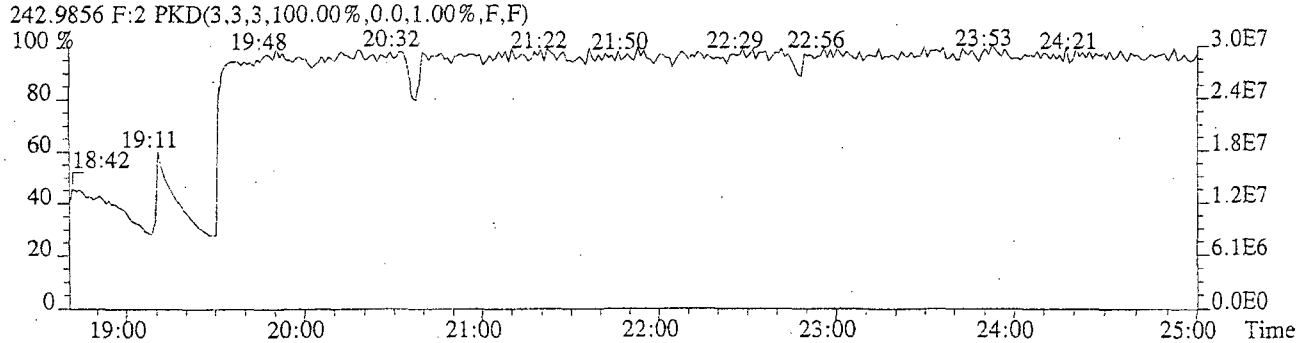
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11348.0,1.00%,F,F)



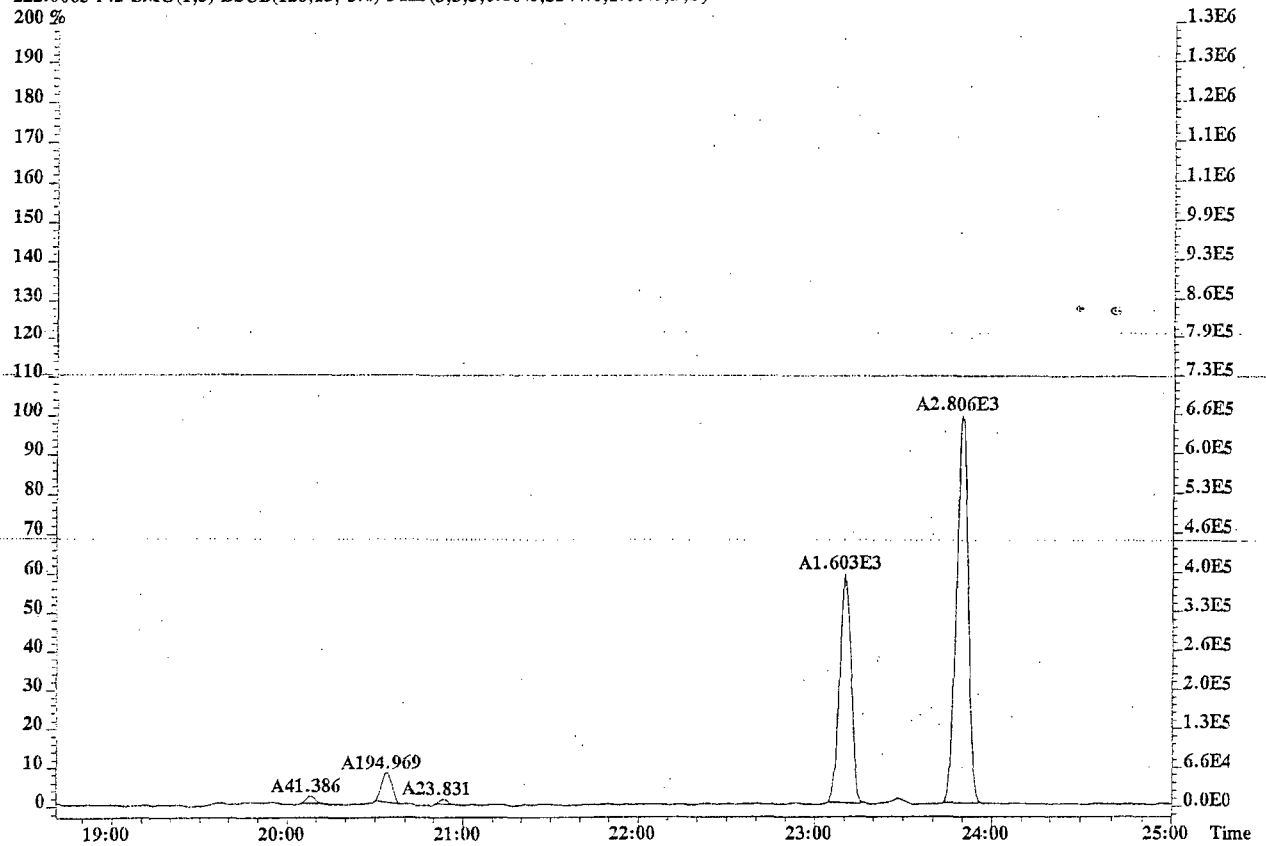
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8572.0,1.00%,F,F)



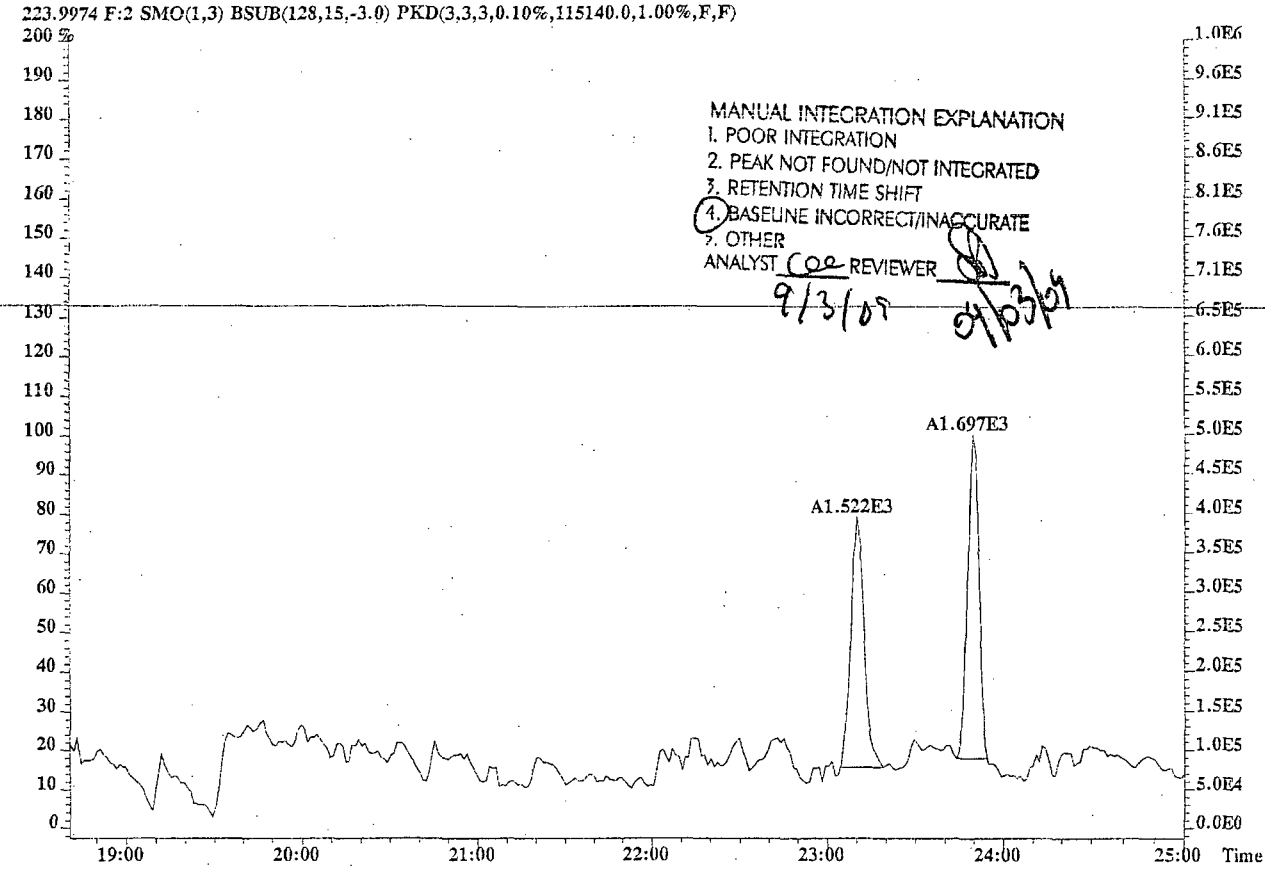
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220291 #1-349 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900323-03 DLCS
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5244.0,1.00%,F,F)



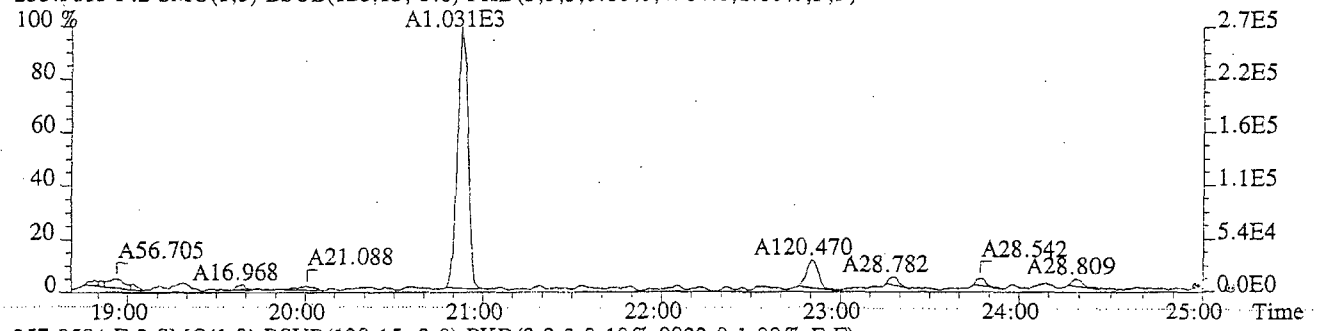
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,115140.0,1.00%,F,F)



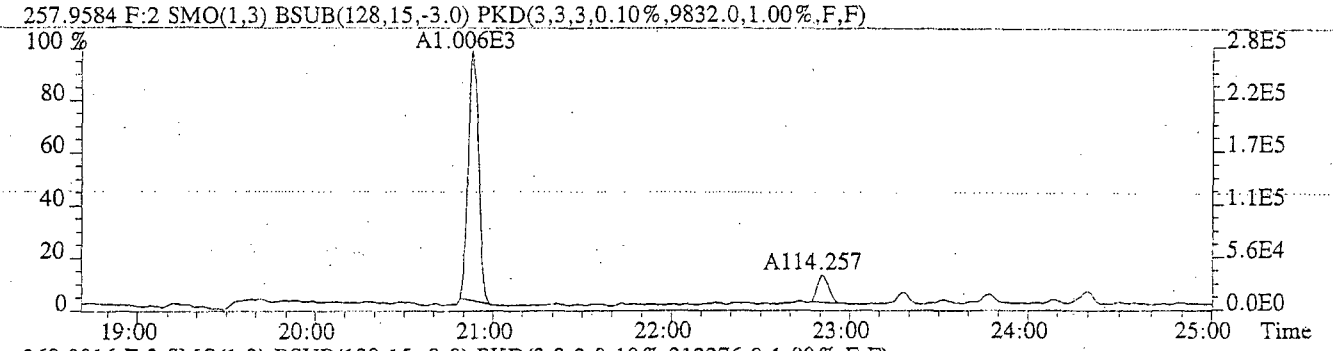
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST CQC REVIEWER
9/3/09 9/3/09

File:U220291 #1-349 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

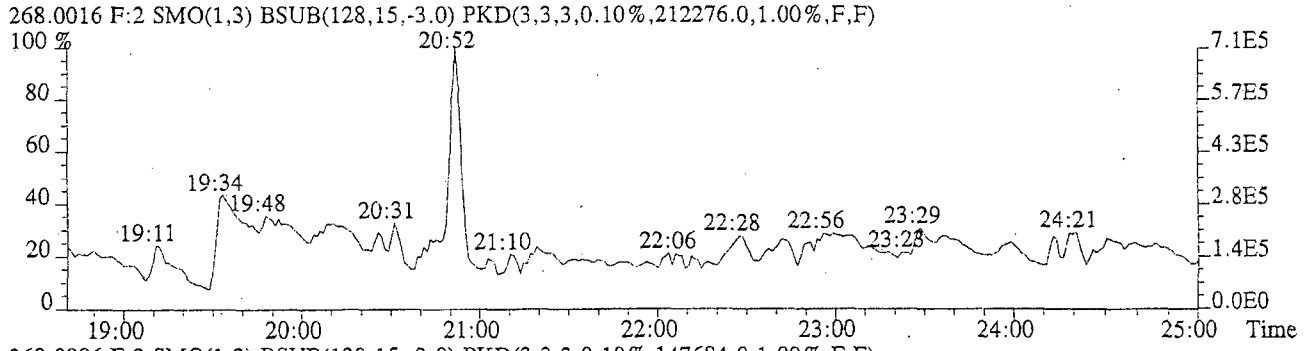
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4184.0,1.00%,F,F)



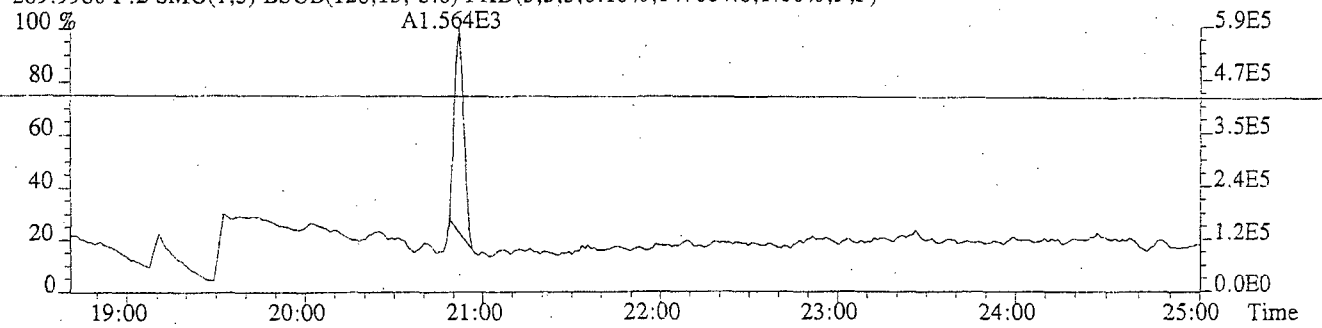
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9832.0,1.00%,F,F)



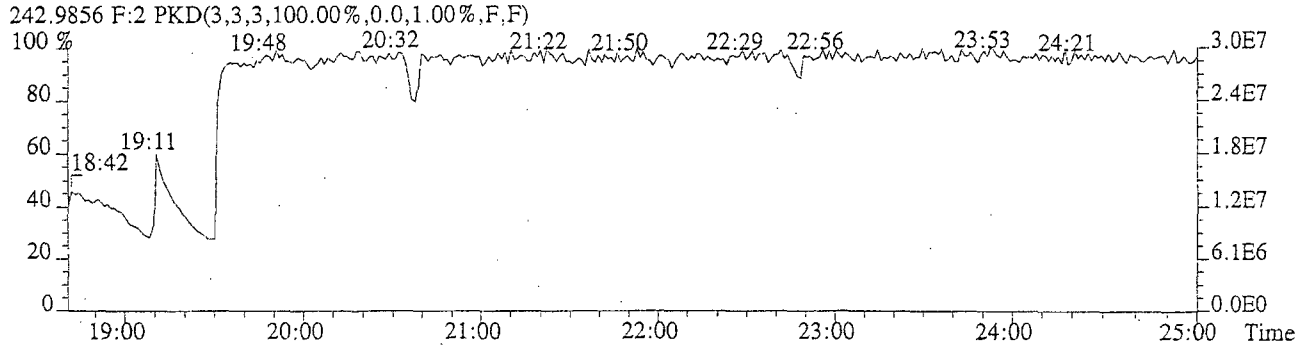
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,212276.0,1.00%,F,F)



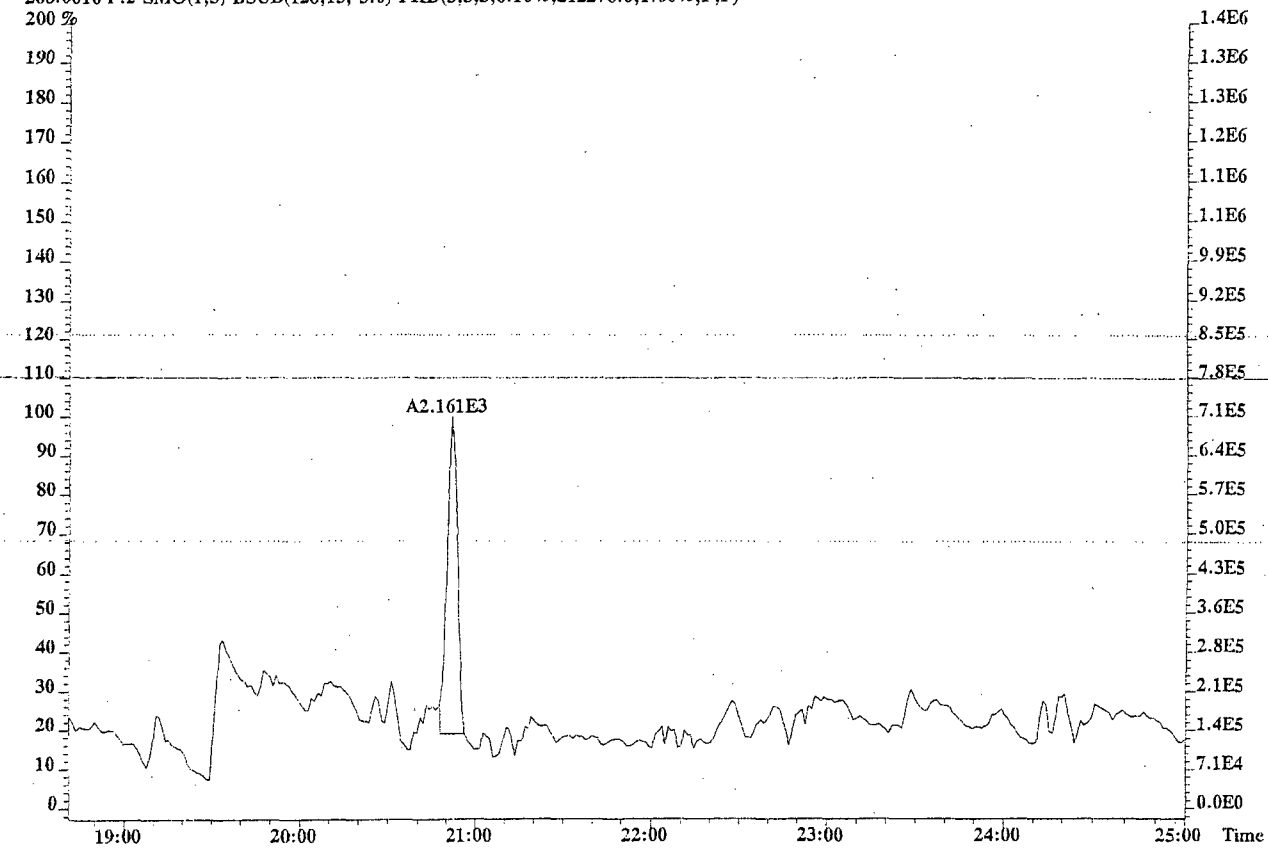
269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,147684.0,1.00%,F,F)



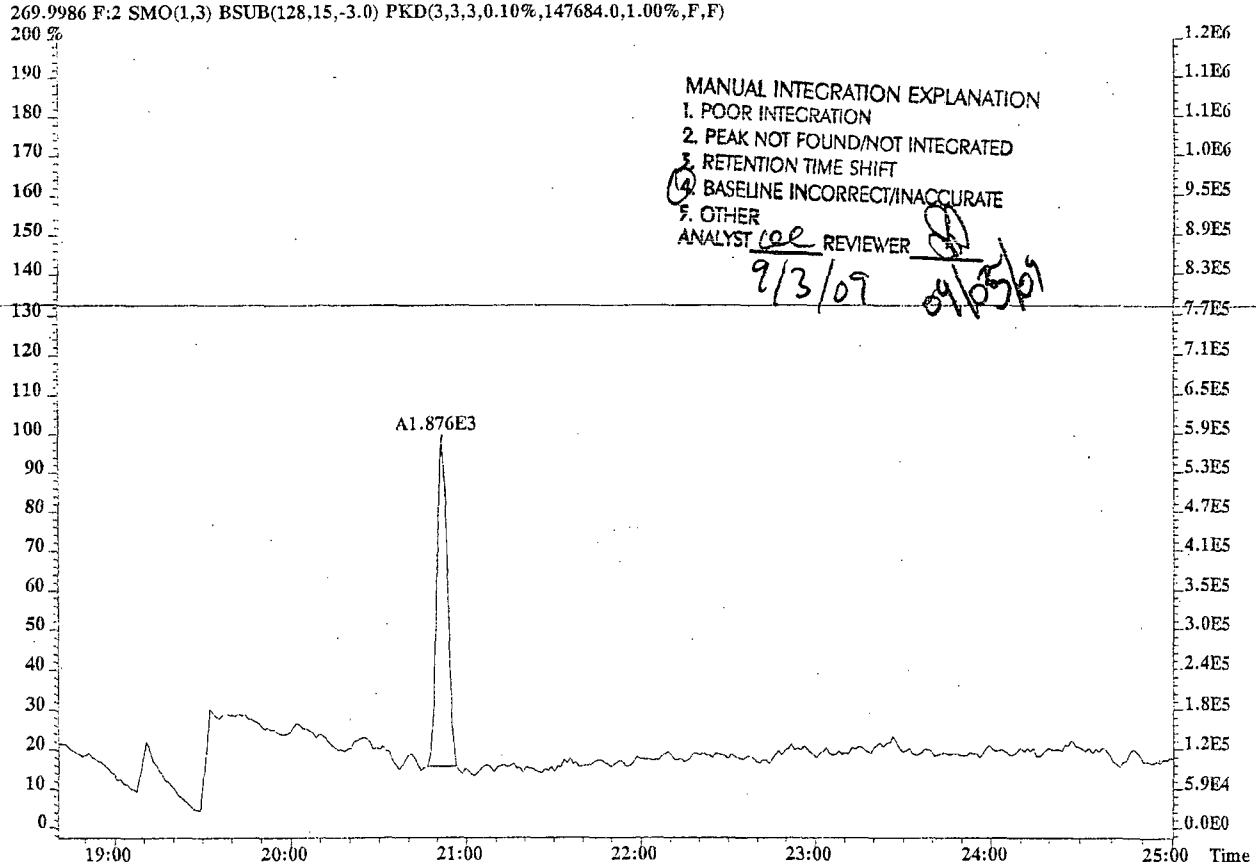
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220291 #1-349 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900323-03 DLCS
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,212276.0,1.00%,F,F)



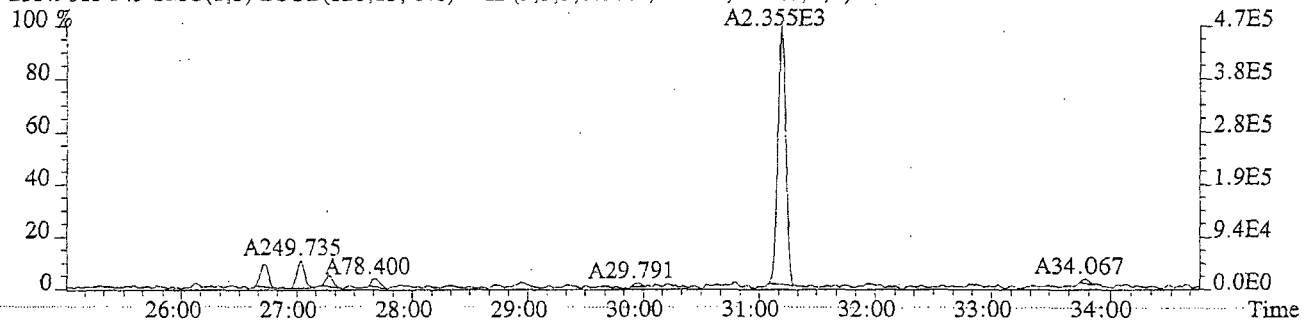
269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,147684.0,1.00%,F,F)



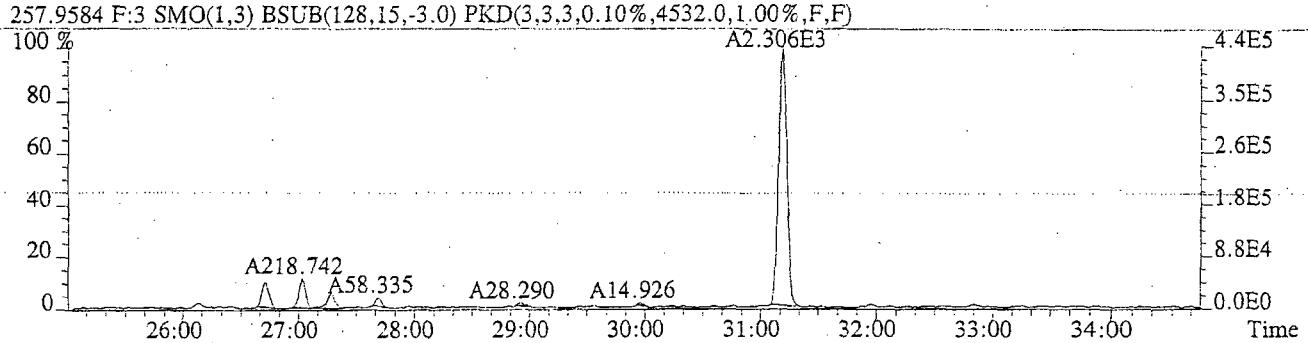
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST ee REVIEWER
9/3/09 9/05/09

File:U220291 #1-623 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

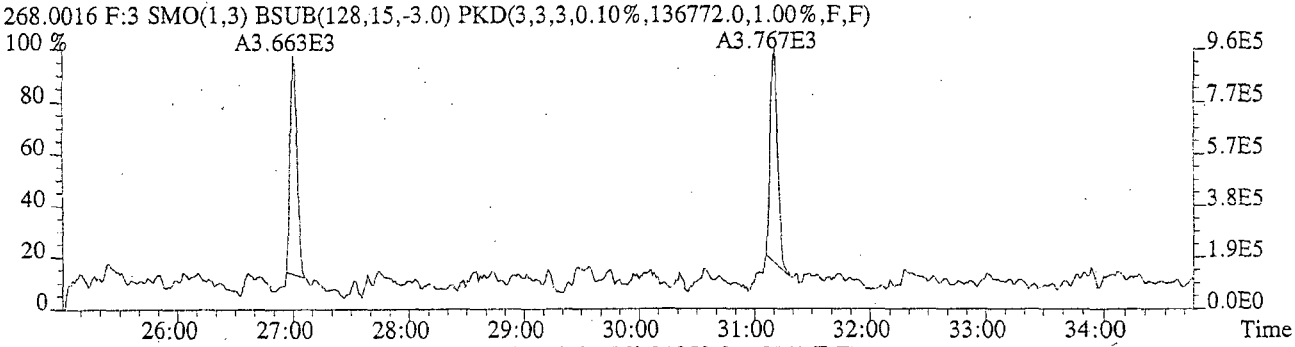
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6008.0,1.00%,F,F)



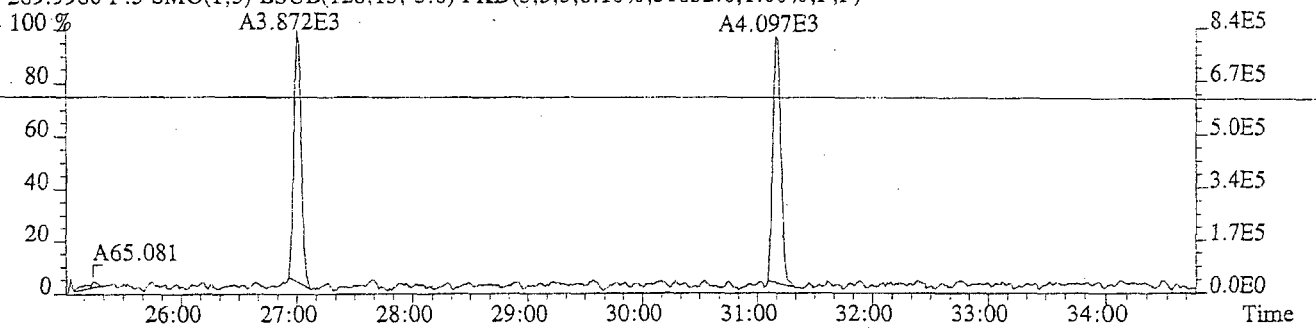
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4532.0,1.00%,F,F)



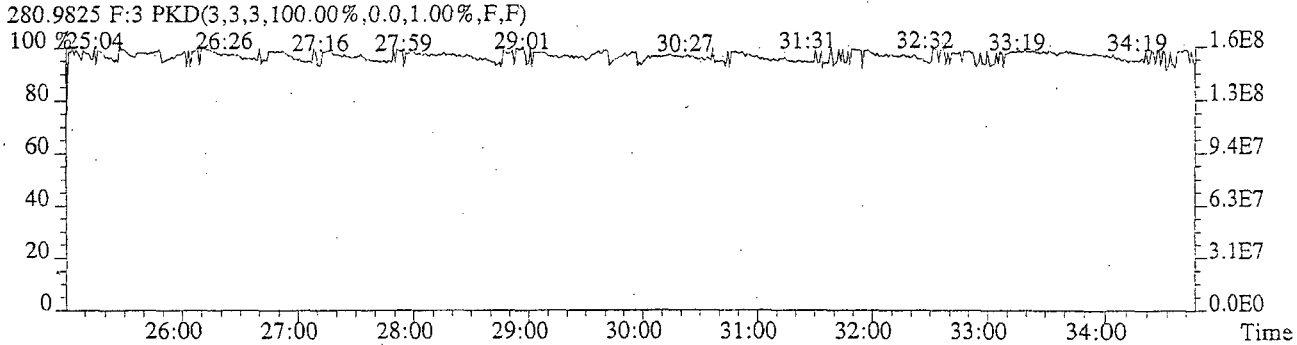
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,136772.0,1.00%,F,F)



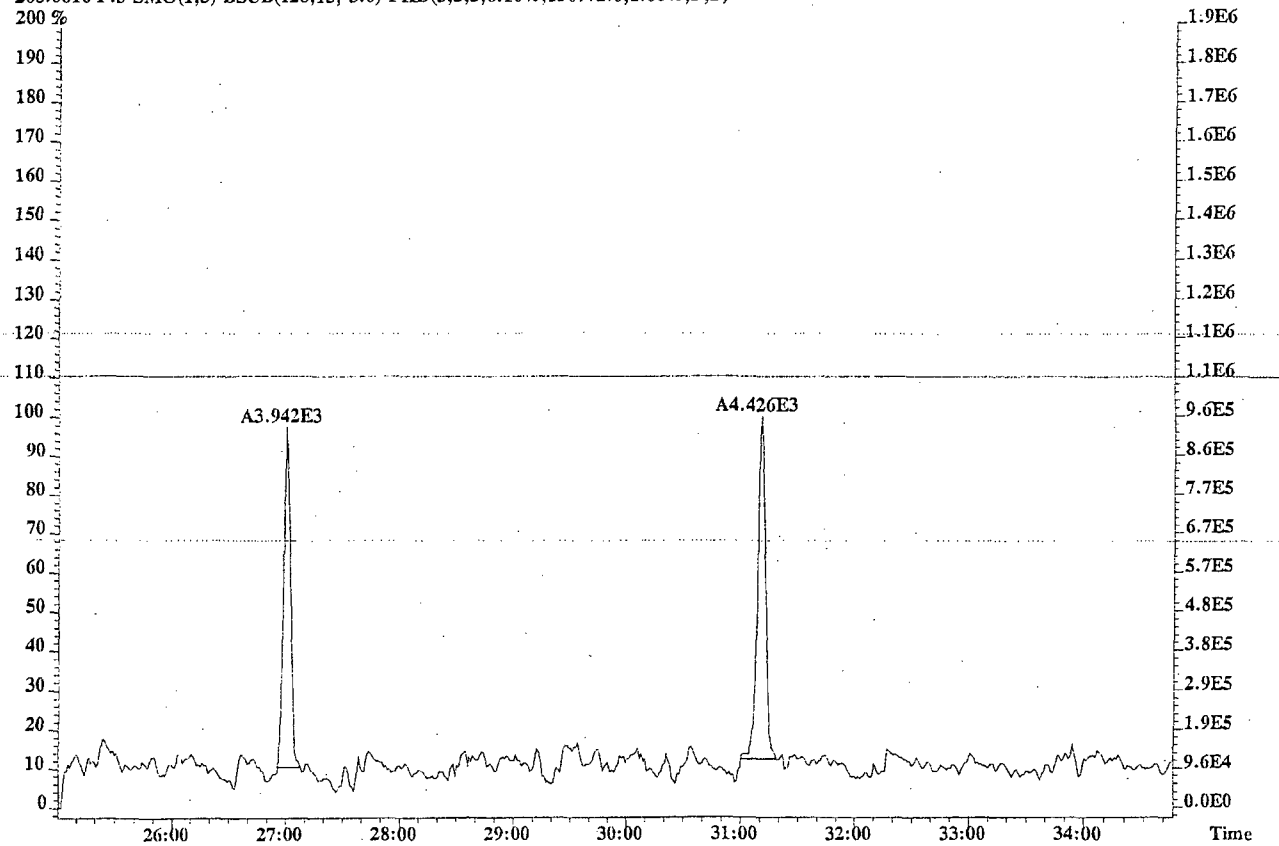
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,31052.0,1.00%,F,F)



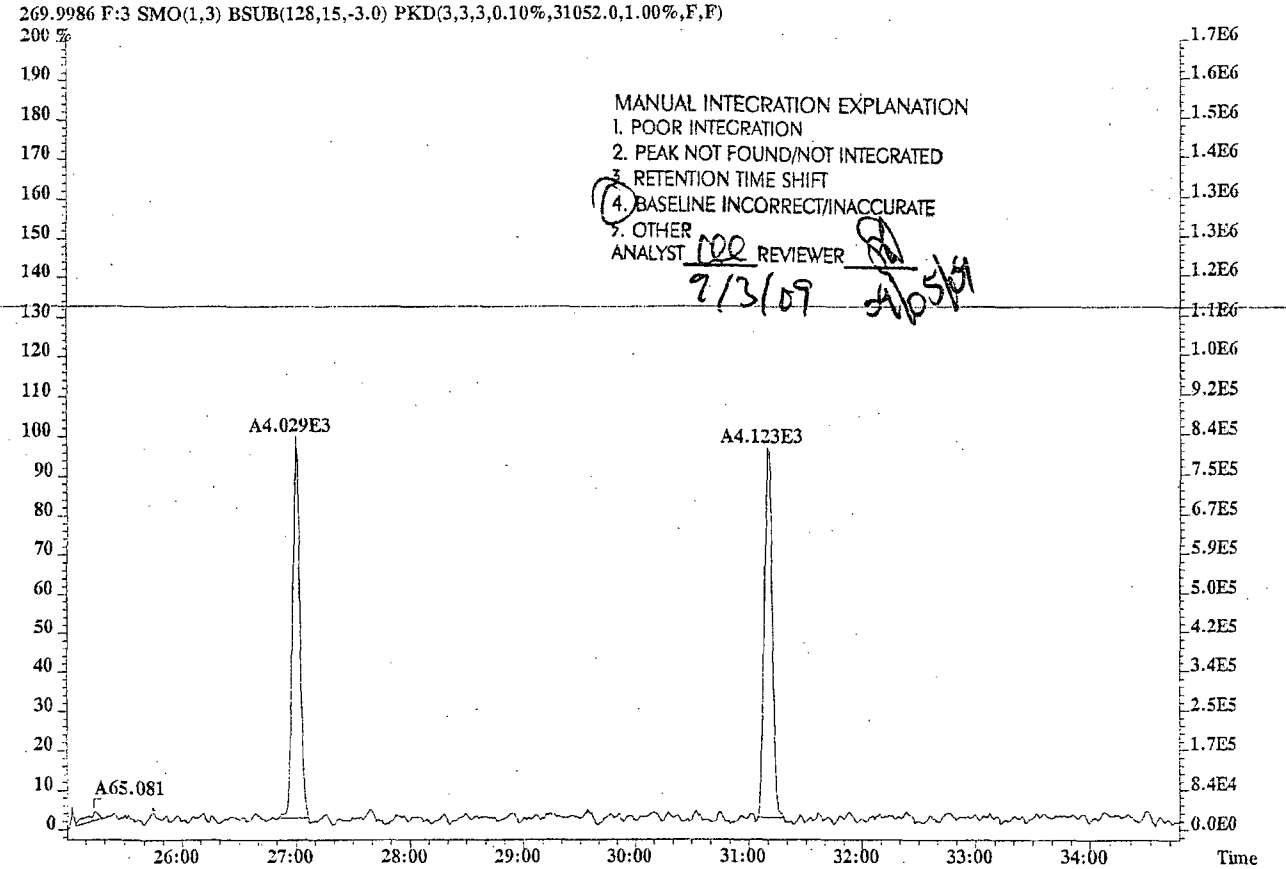
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220291 #1-623 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900323-03 DLCS
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,136772.0,1.00%,F,F)



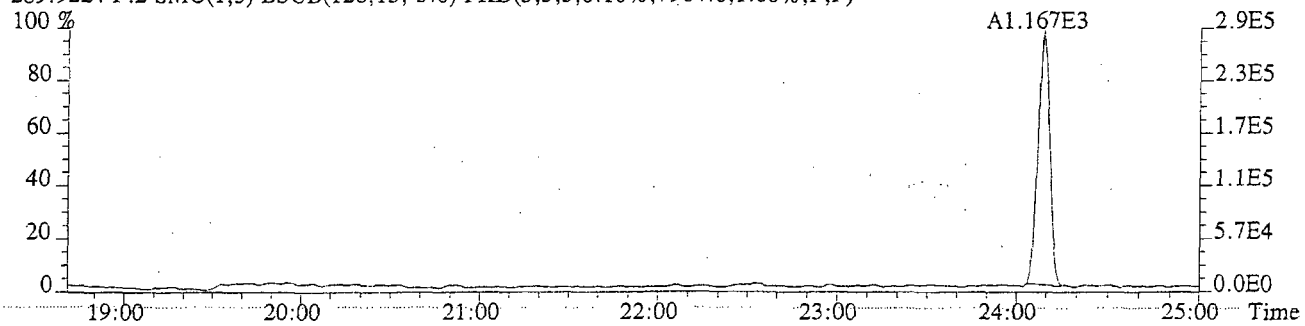
269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,31052.0,1.00%,F,F)



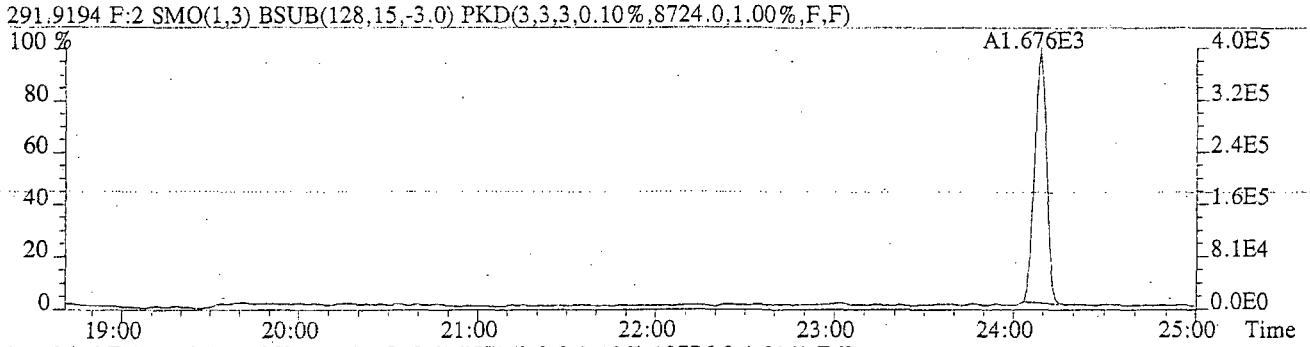
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST [illegible] REVIEWER [illegible]
9/3/09 9/05/09

File:U220291 #1-349 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

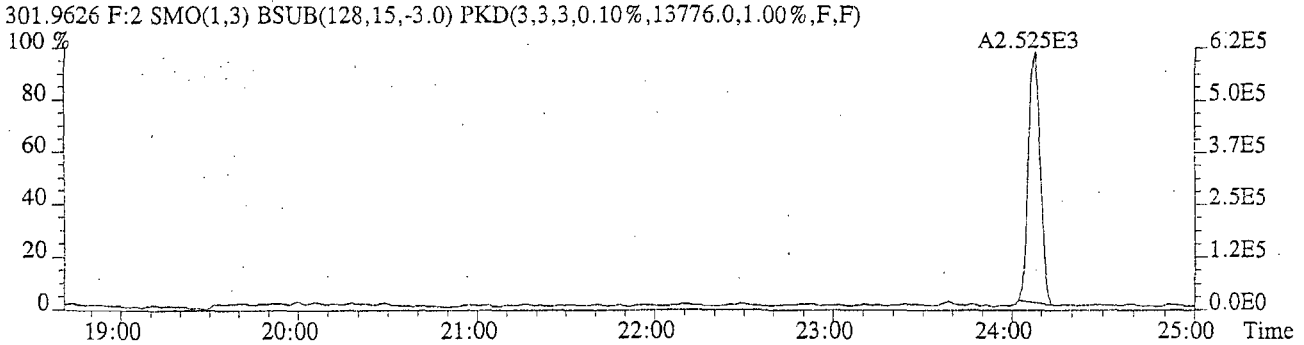
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7984.0,1.00%,F,F)



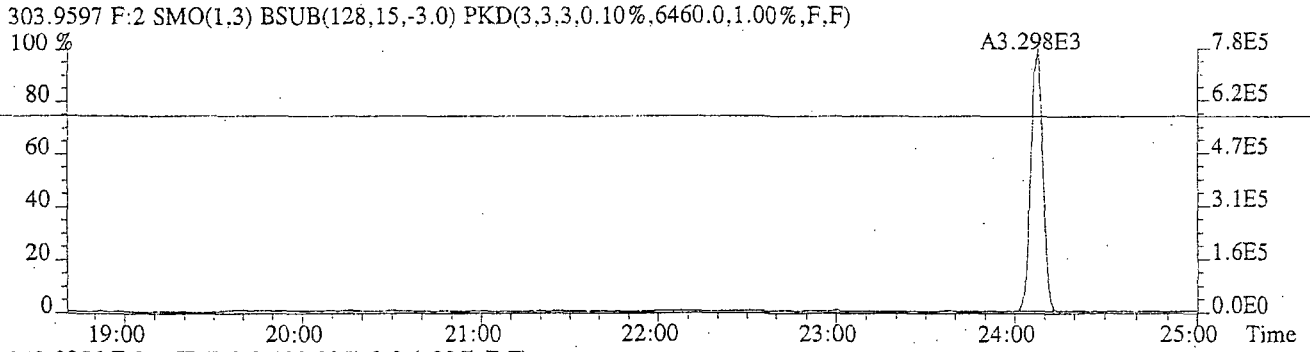
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8724.0,1.00%,F,F)



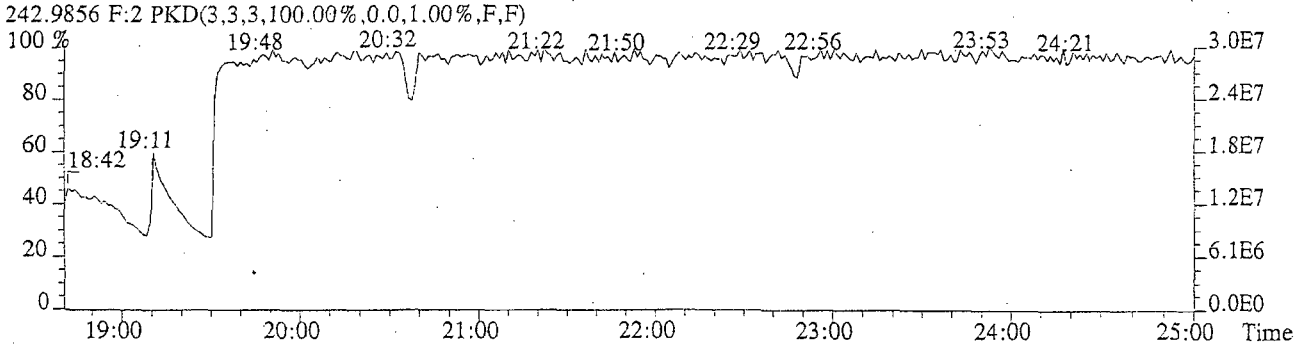
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13776.0,1.00%,F,F)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6460.0,1.00%,F,F)

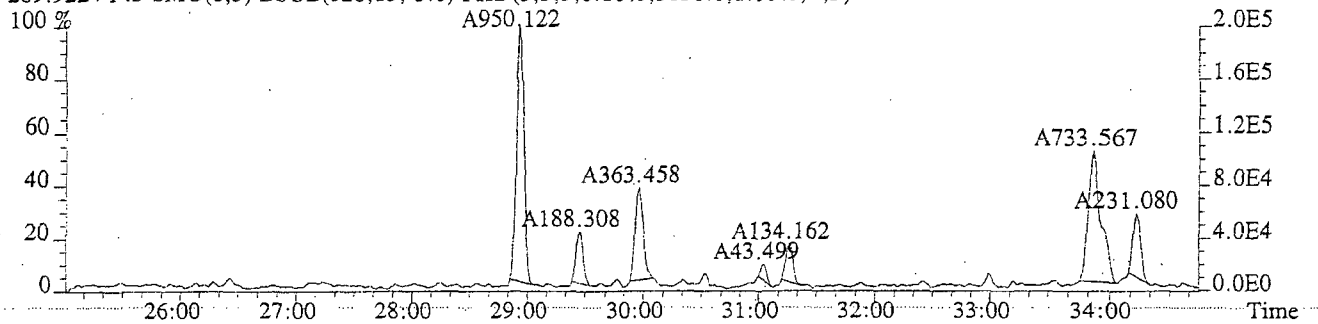


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

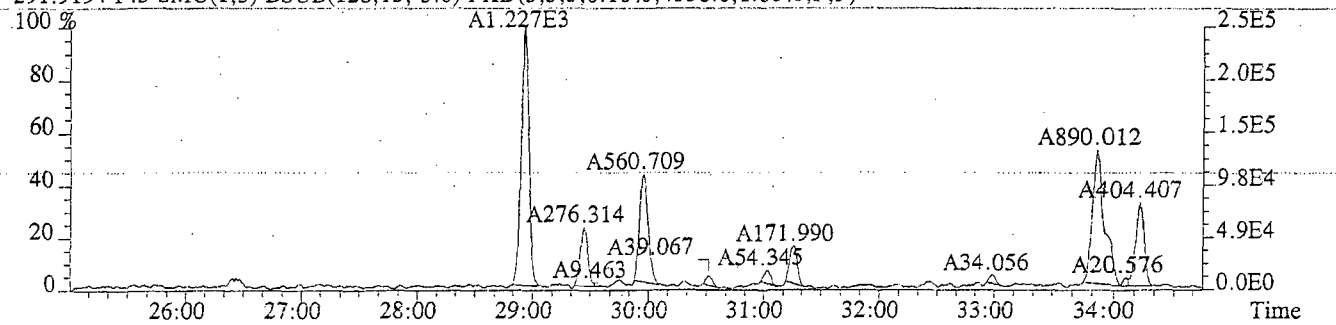


File:U220291 #1-623 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

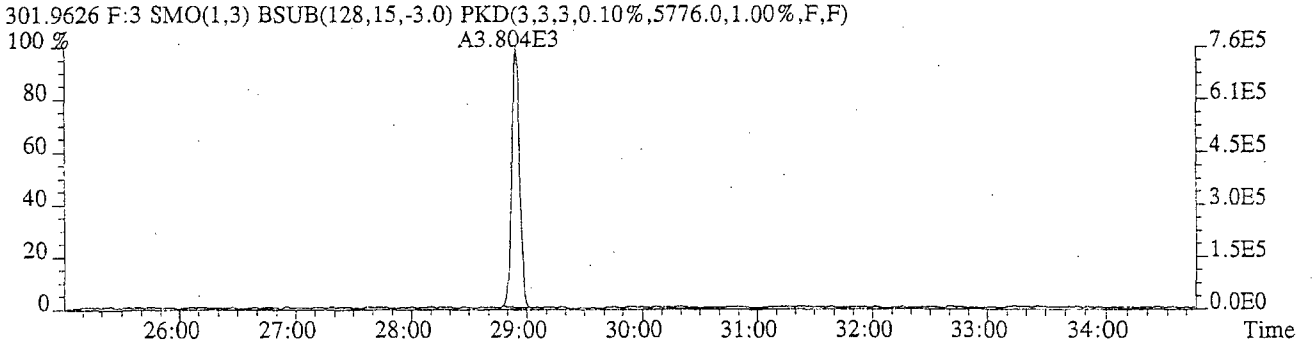
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5636.0,1.00%,F,F)



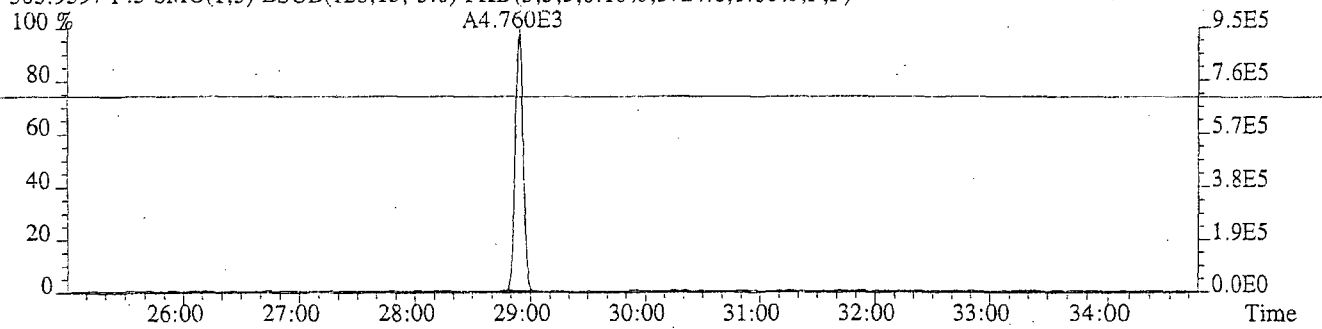
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4536.0,1.00%,F,F)



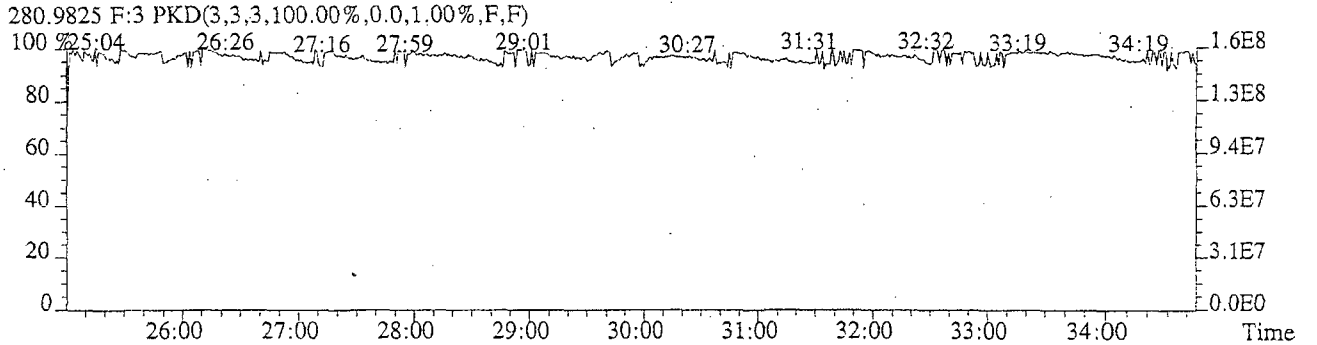
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5776.0,1.00%,F,F)



303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3724.0,1.00%,F,F)

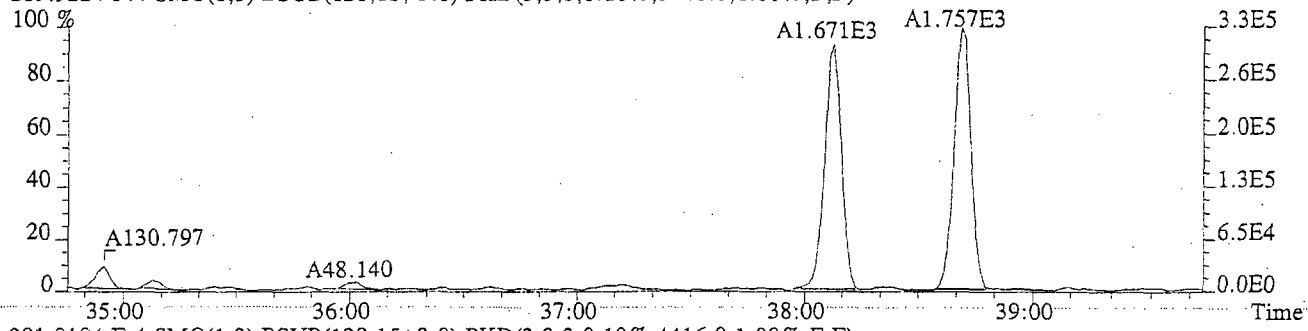


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

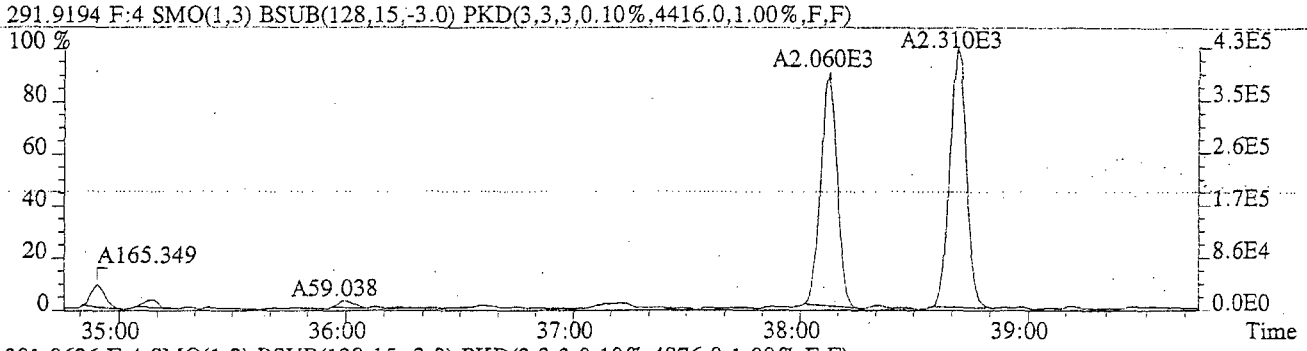


File:U220291 #1-318 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

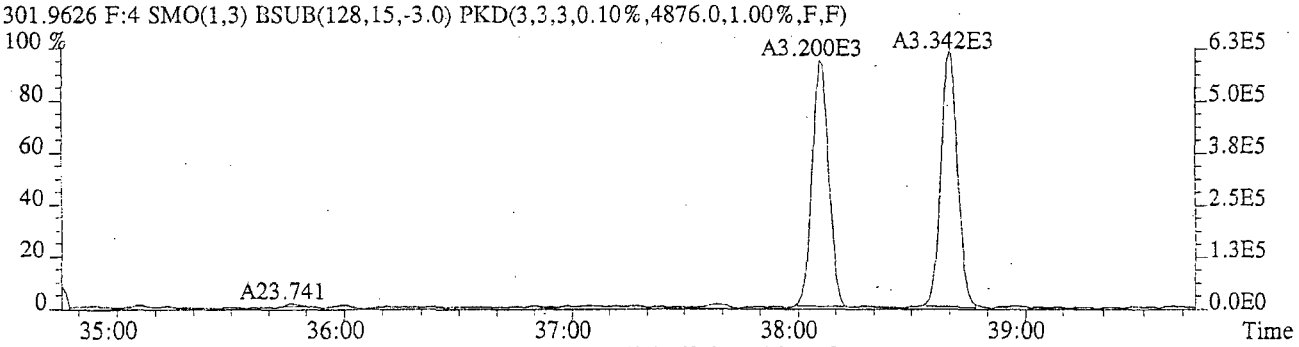
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3148.0,1.00%,F,F)



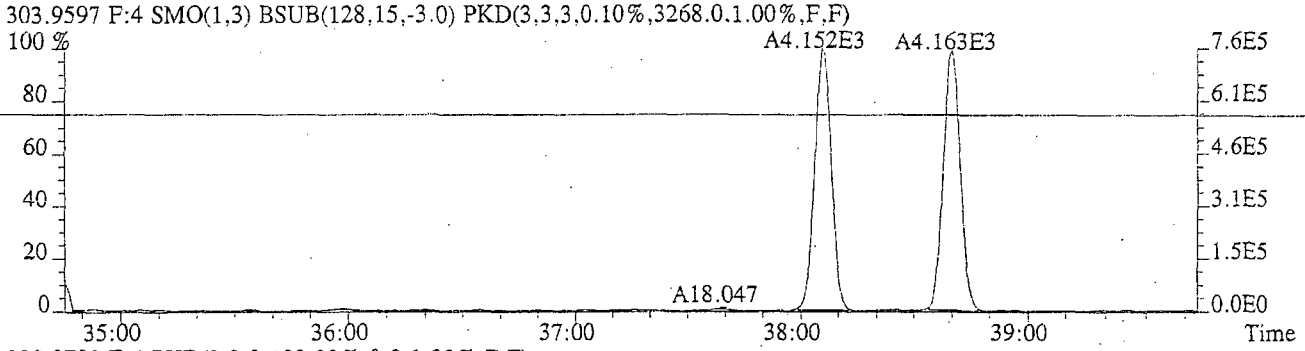
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4416.0,1.00%,F,F)



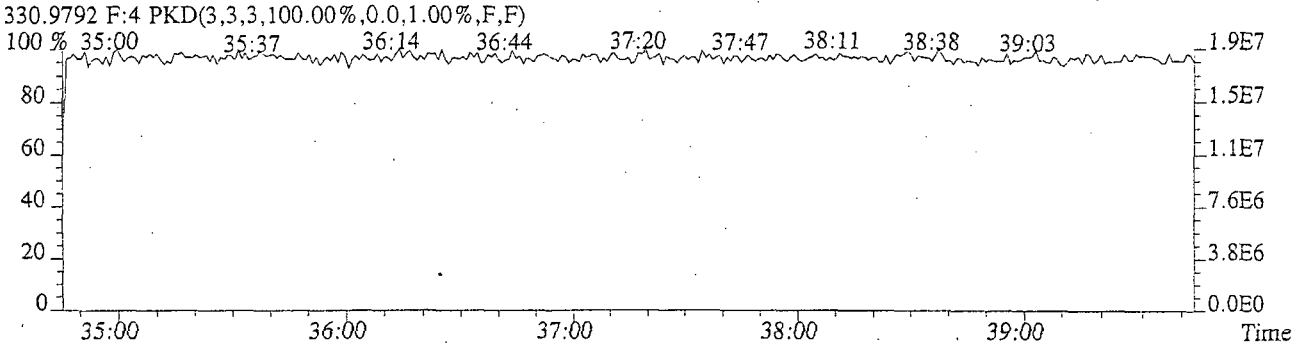
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4876.0,1.00%,F,F)



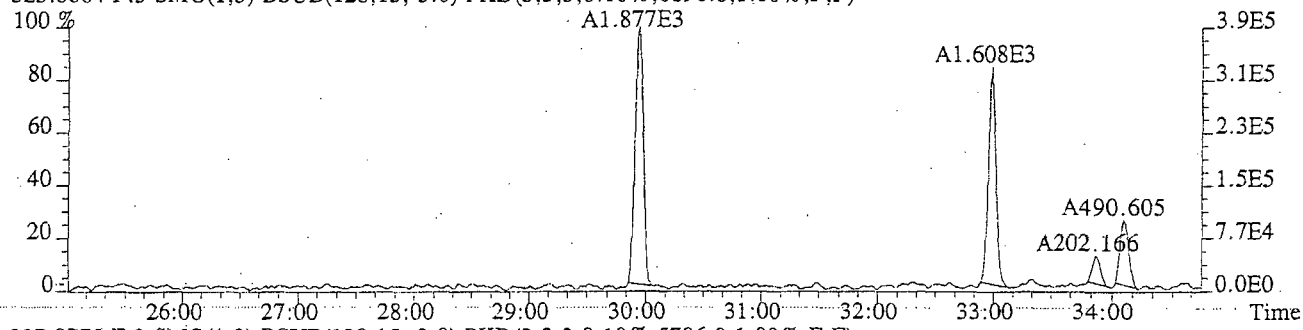
303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3268.0,1.00%,F,F)



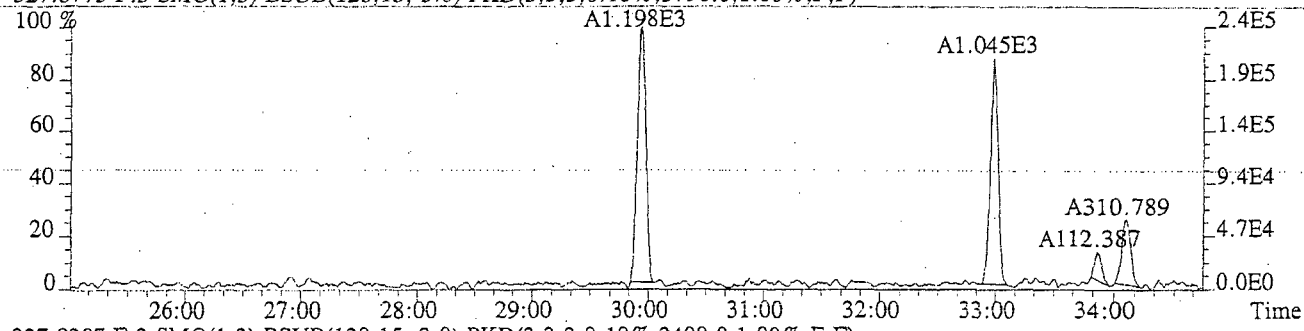
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



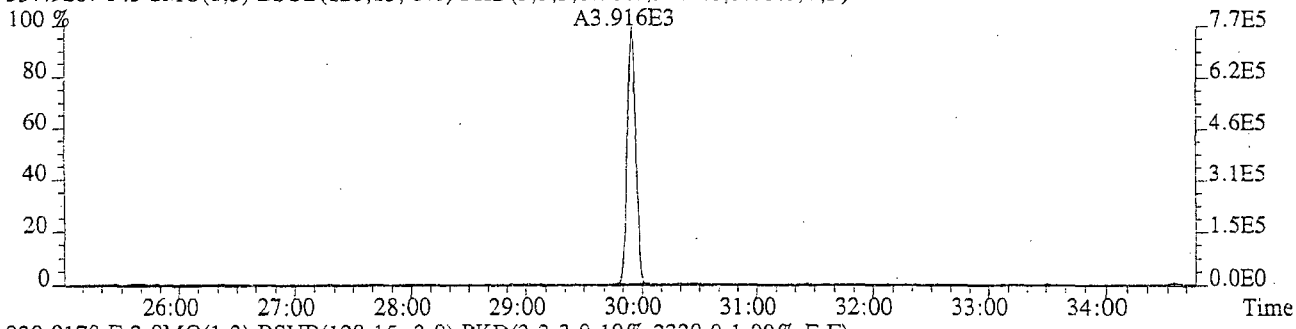
File:U220291 #1-623 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-03 DLCS
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8896.0,1.00%,F,F)



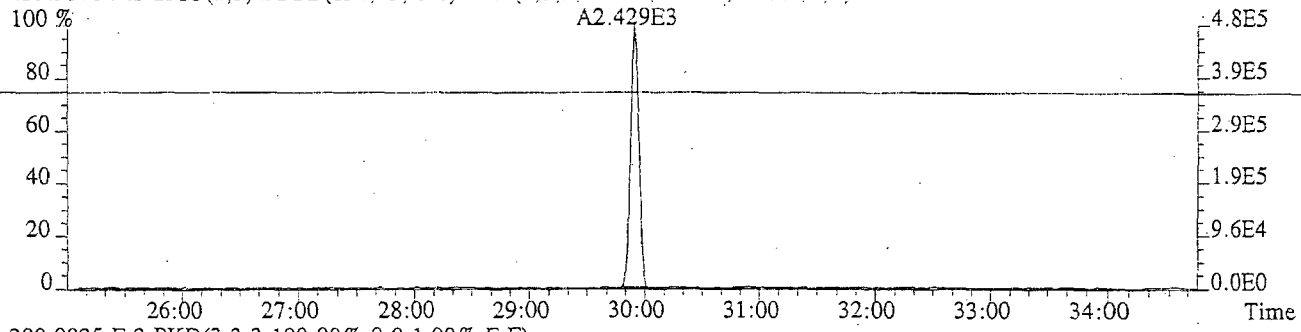
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5796.0,1.00%,F,F)



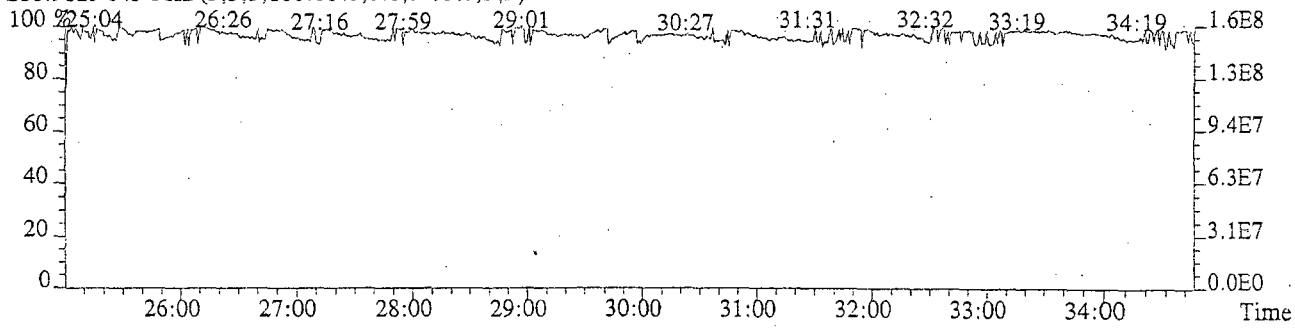
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2400.0,1.00%,F,F)



339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2320.0,1.00%,F,F)

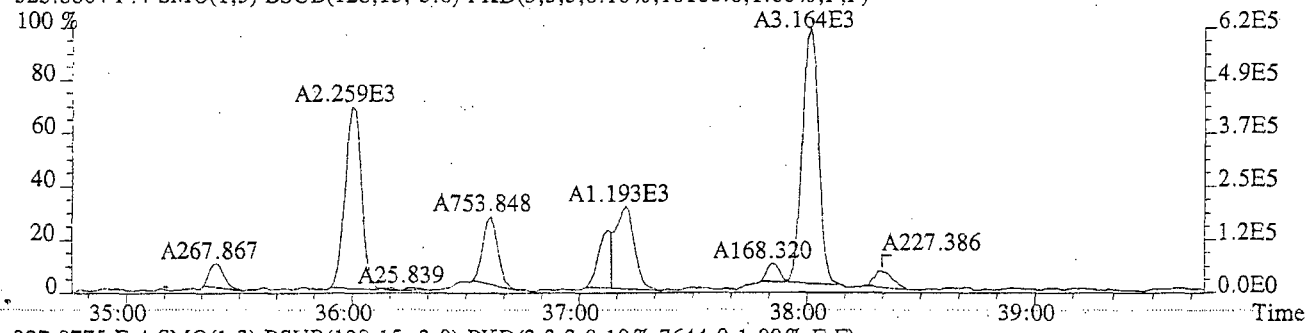


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

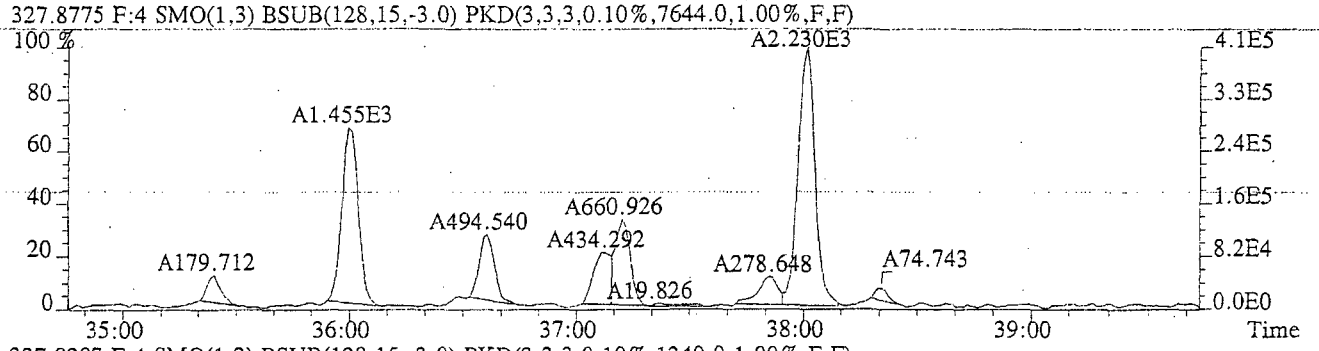


File:U220291 #1-318 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

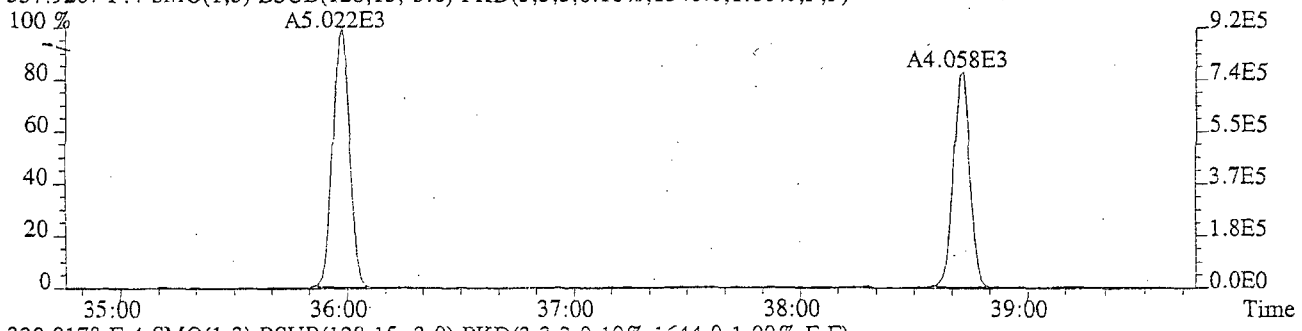
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10180.0,1.00%,F,F)



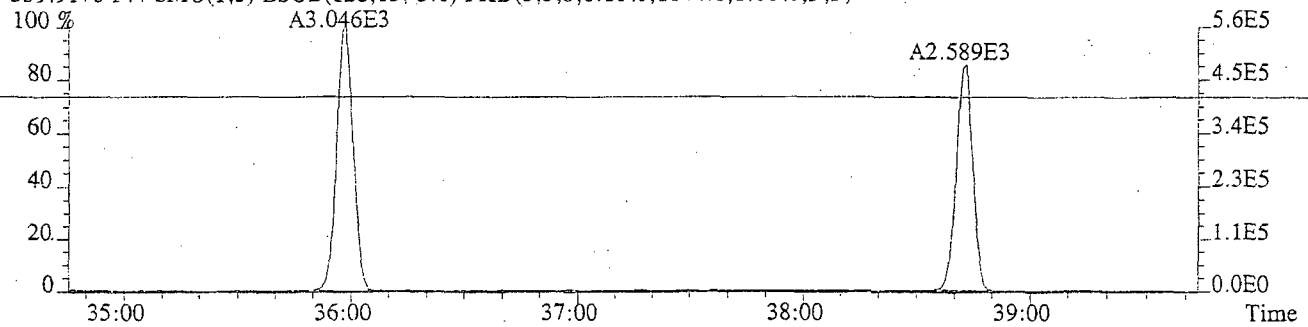
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,7644.0,1.00%,F,F)



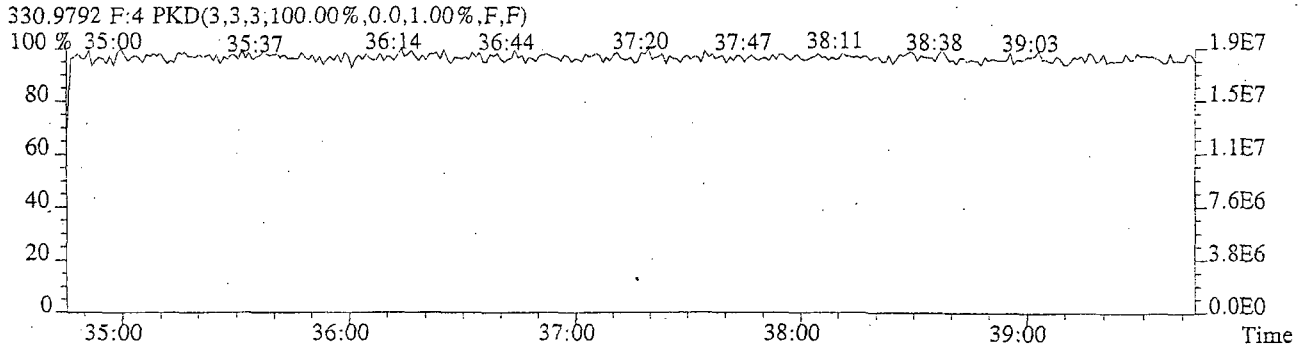
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1340.0,1.00%,F,F)



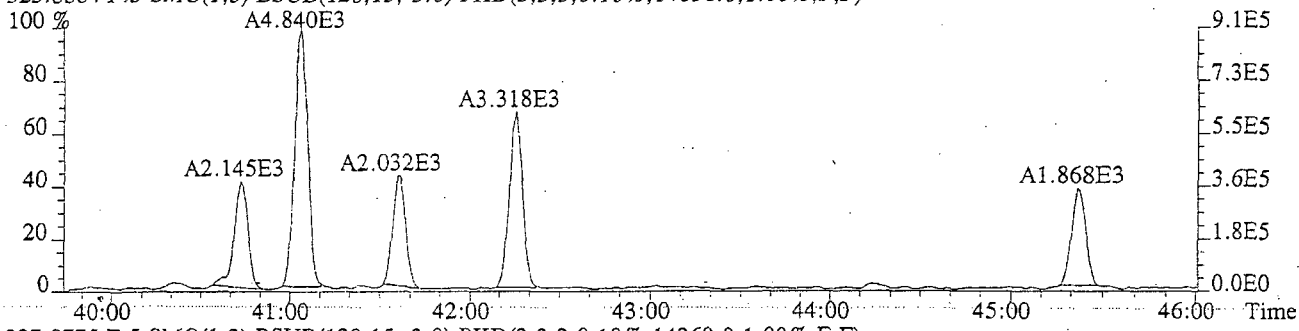
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1644.0,1.00%,F,F)



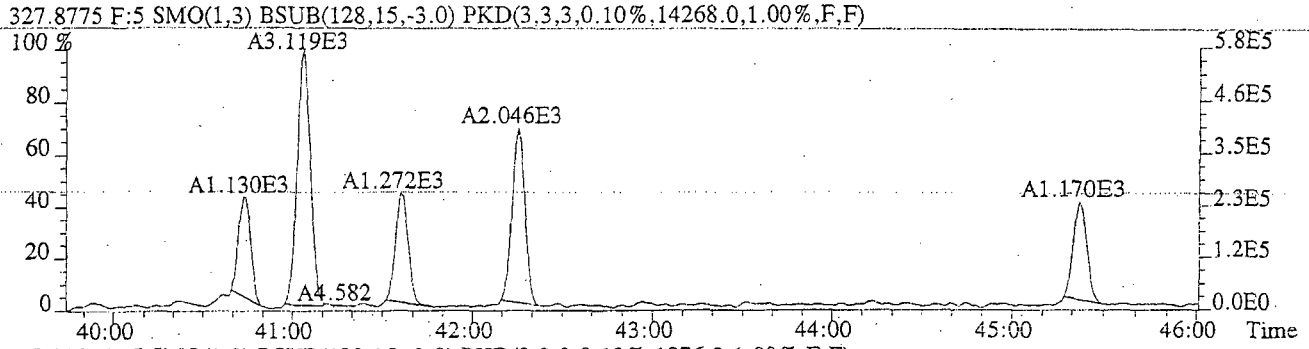
330.9792 F:4 PKD(3,3,3;100.00%,0.0,1.00%,F,F)



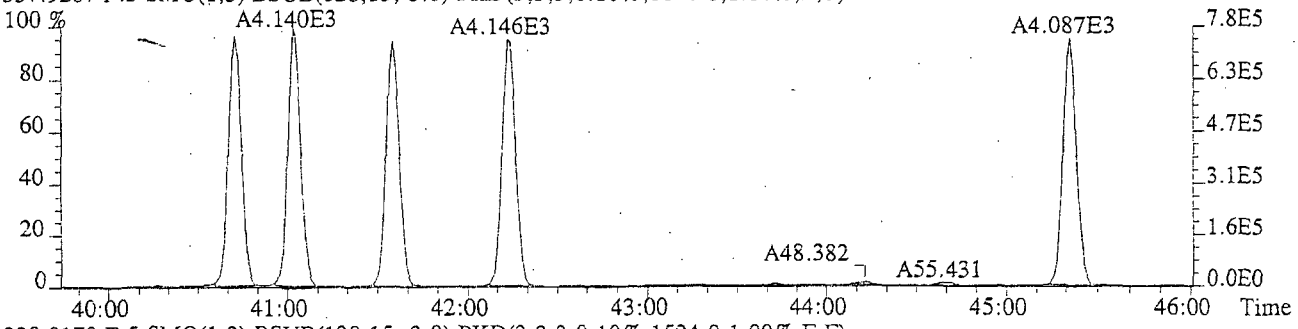
File:U220291 #1-402 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14056.0,1.00%,F,F)



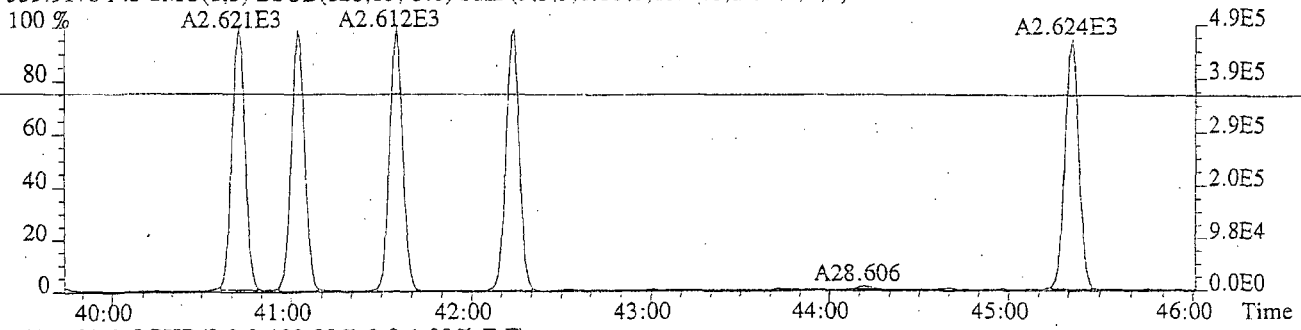
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14268.0,1.00%,F,F)



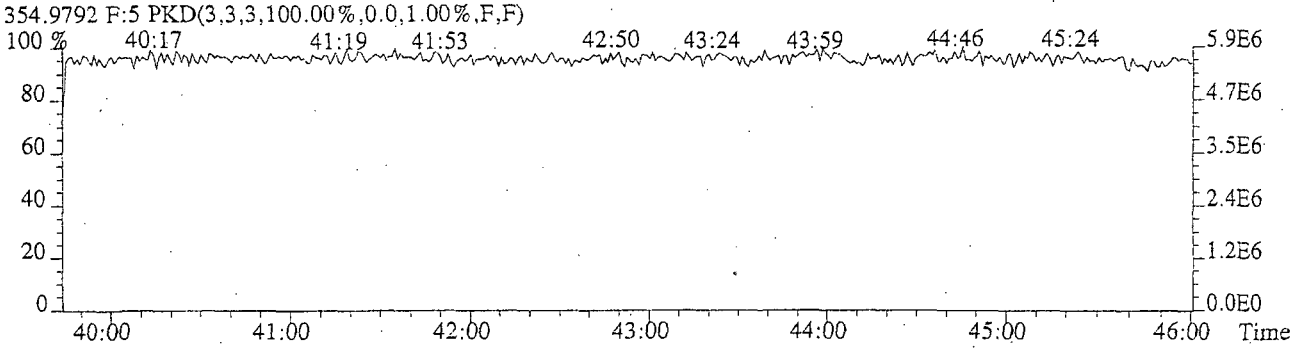
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1876.0,1.00%,F,F)



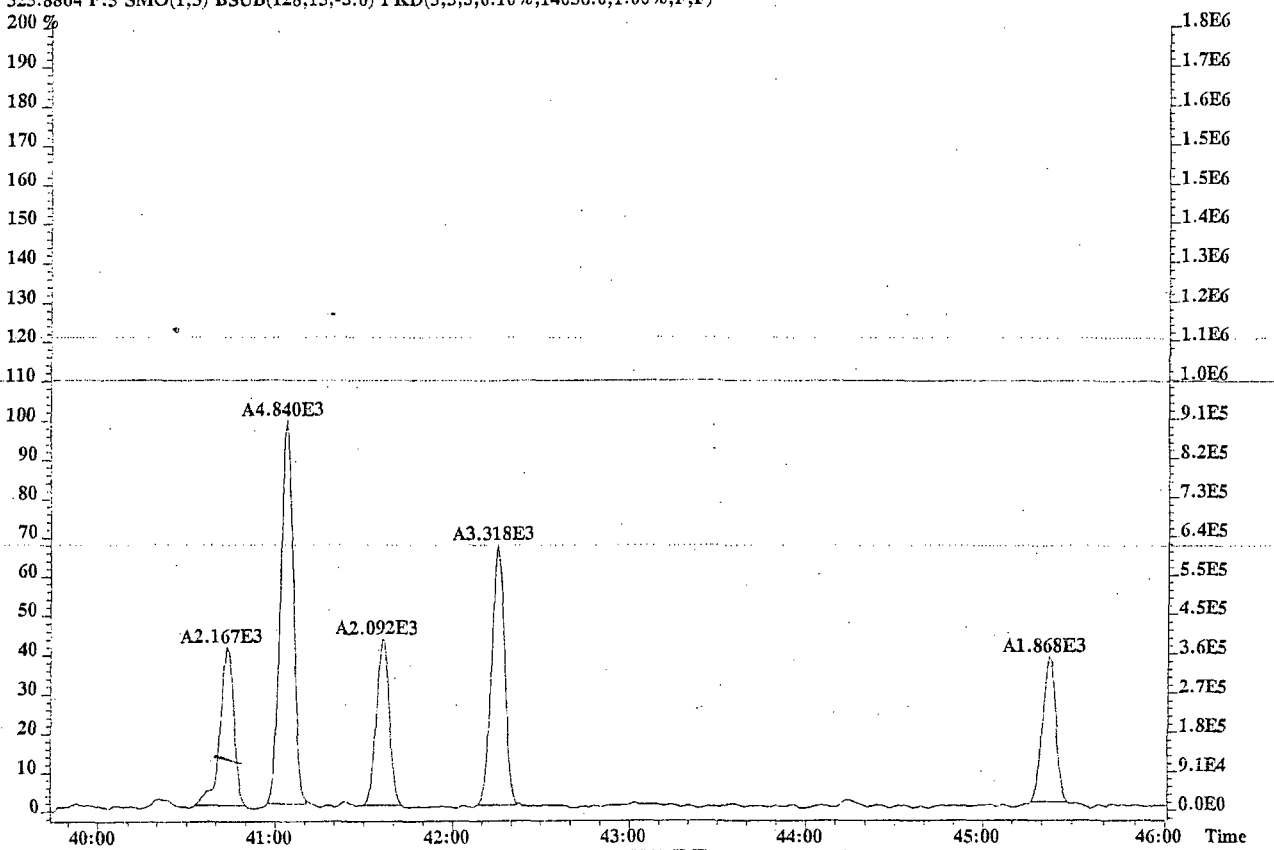
339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1524.0,1.00%,F,F)



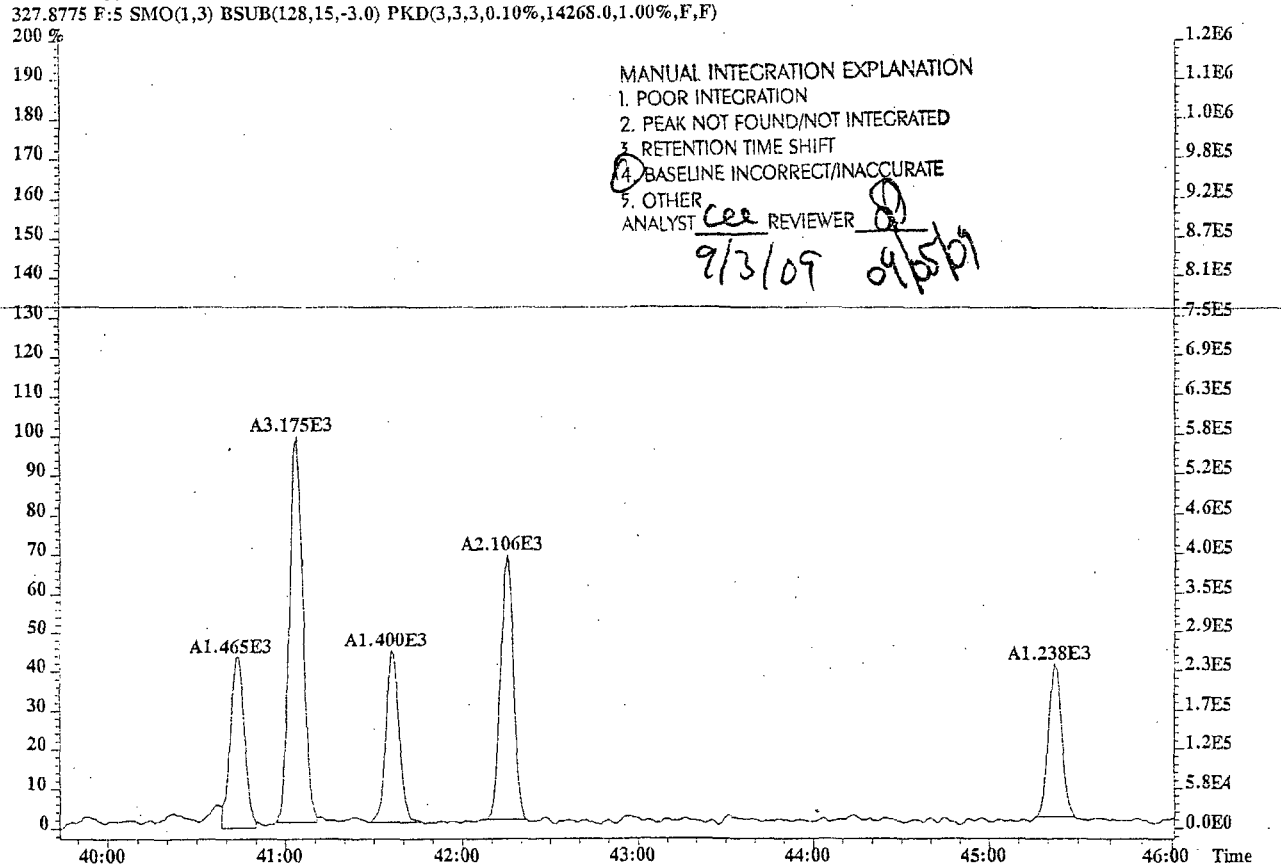
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220291 #1-402 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectrom
Sample#1 Exp:EQ0900323-03 DLCS
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14056.0,1.00%,F,F)

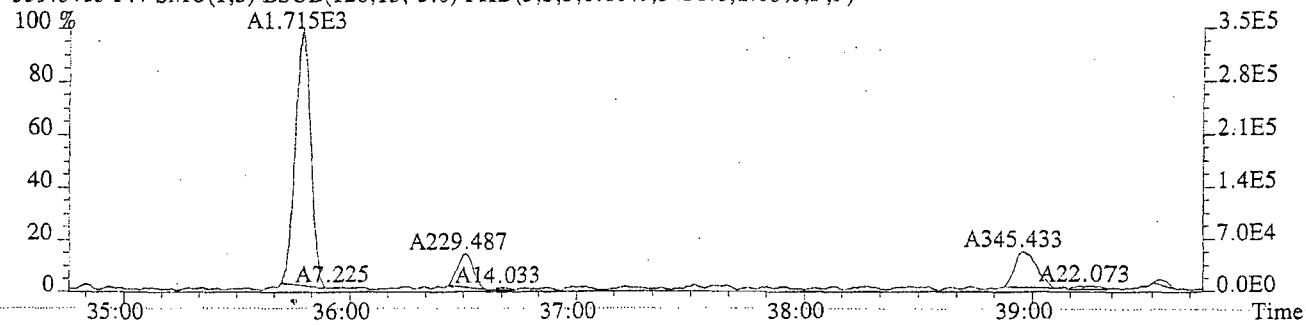


327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,14268.0,1.00%,F,F)

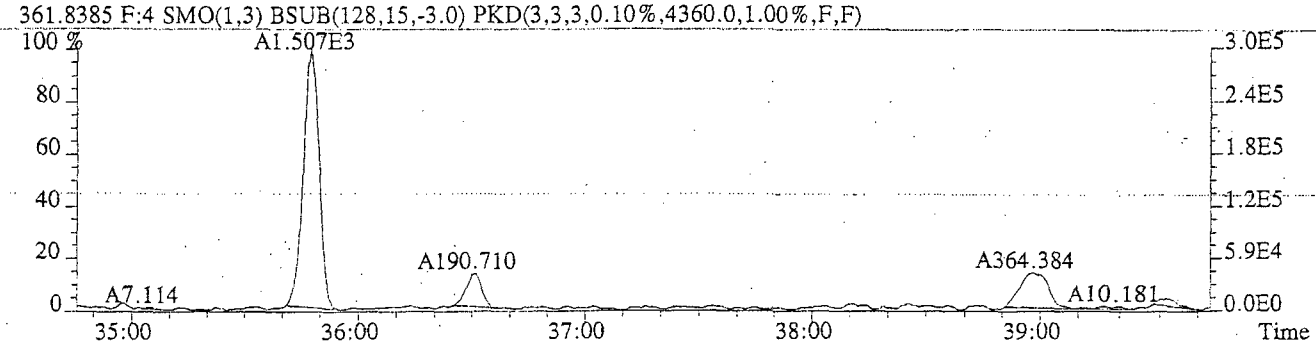


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST Cee REVIEWER
9/3/09 9/5/09

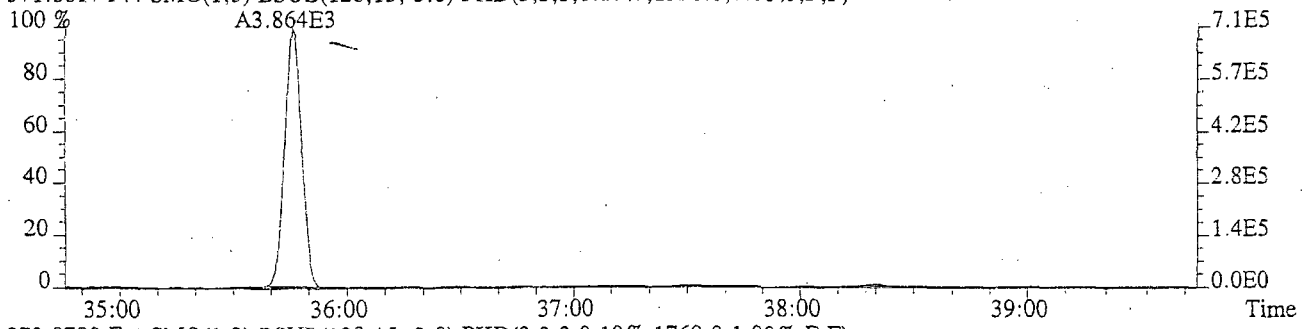
File:U220291 #1-318 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5436.0,1.00%,F,F)



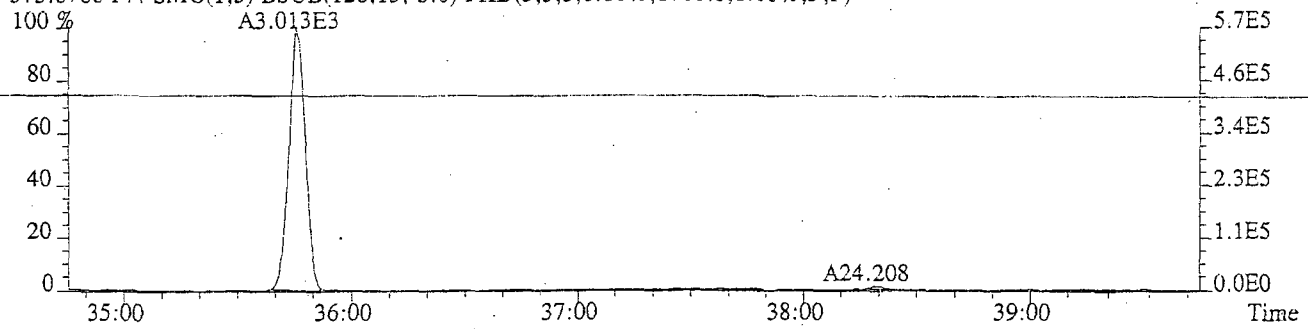
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4360.0,1.00%,F,F)



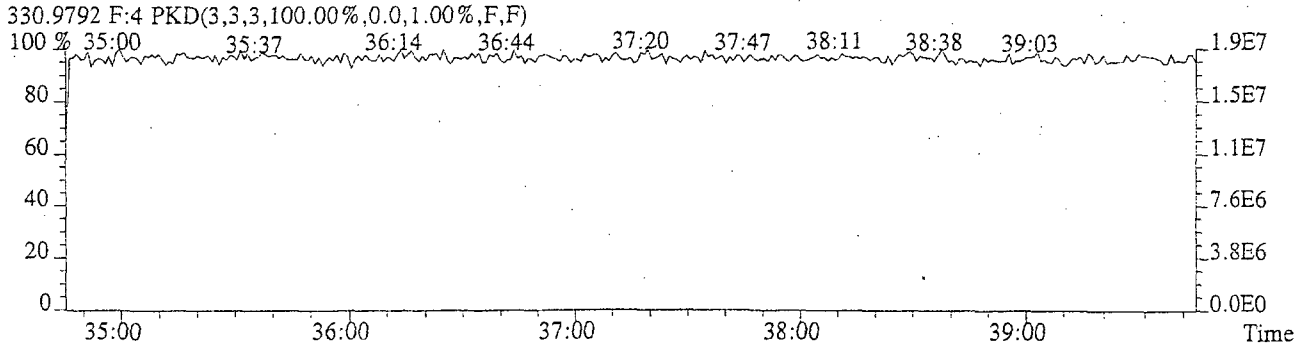
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1520.0,1.00%,F,F)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1760.0,1.00%,F,F)

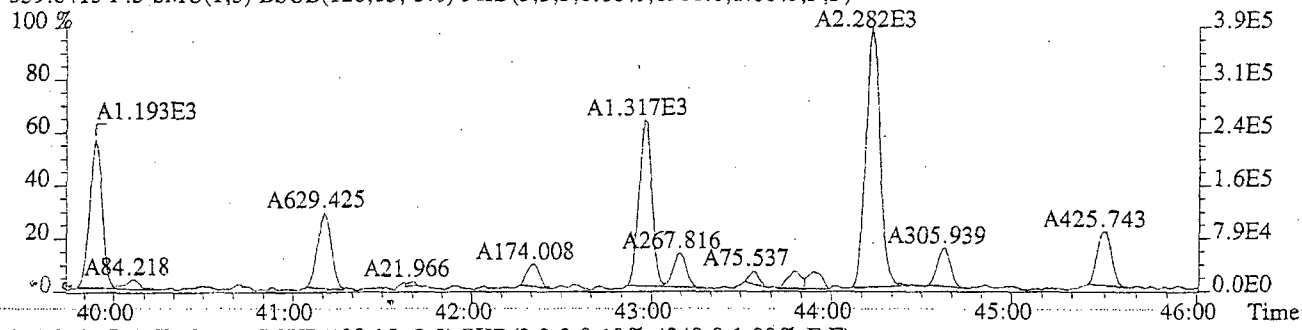


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

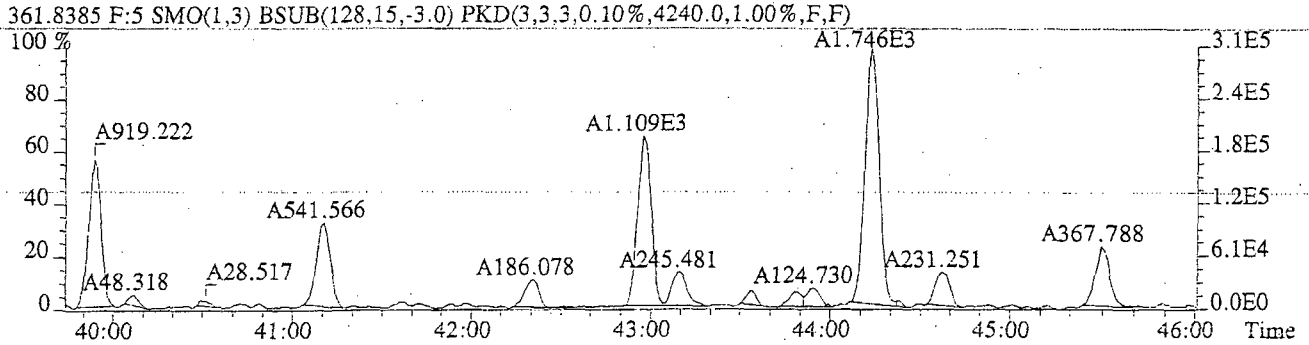


File:U220291 #1-402 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

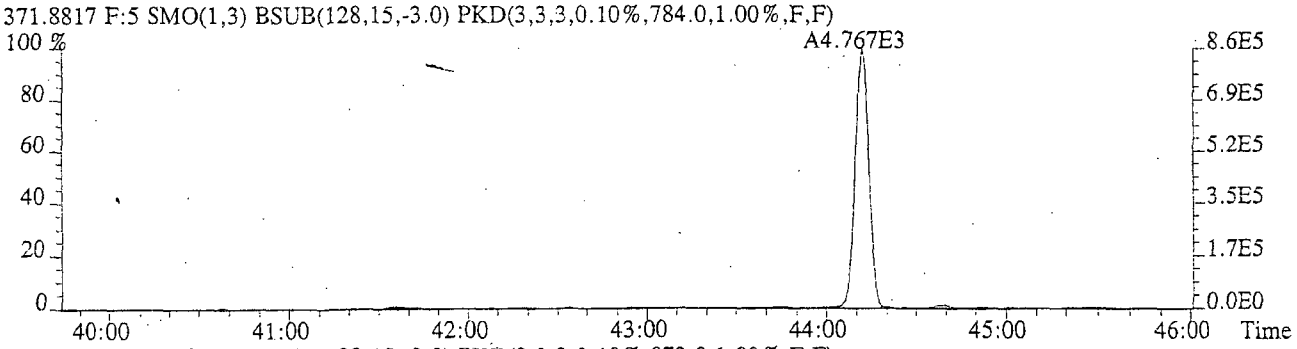
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6980.0,1.00%,F,F)



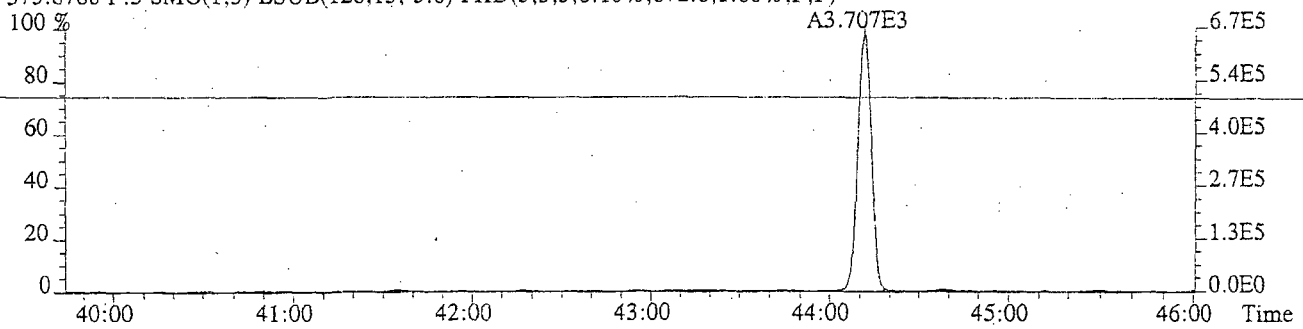
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4240.0,1.00%,F,F)



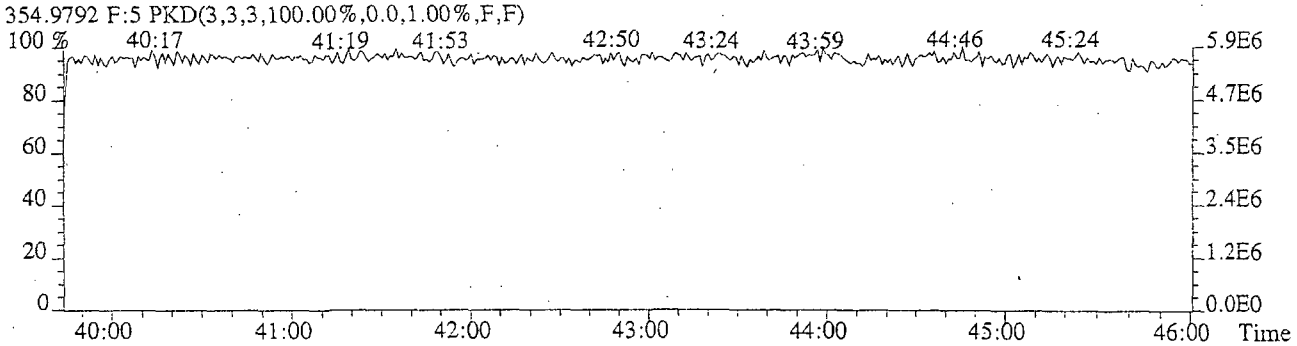
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,784.0,1.00%,F,F)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,872.0,1.00%,F,F)

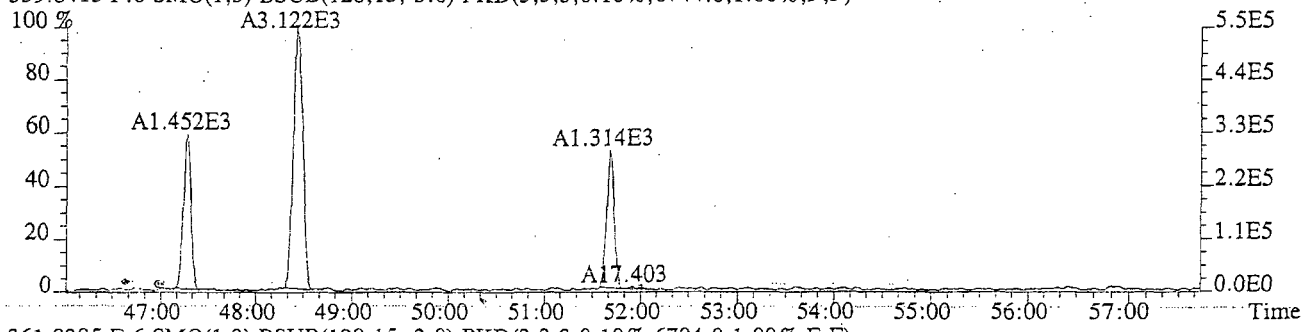


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

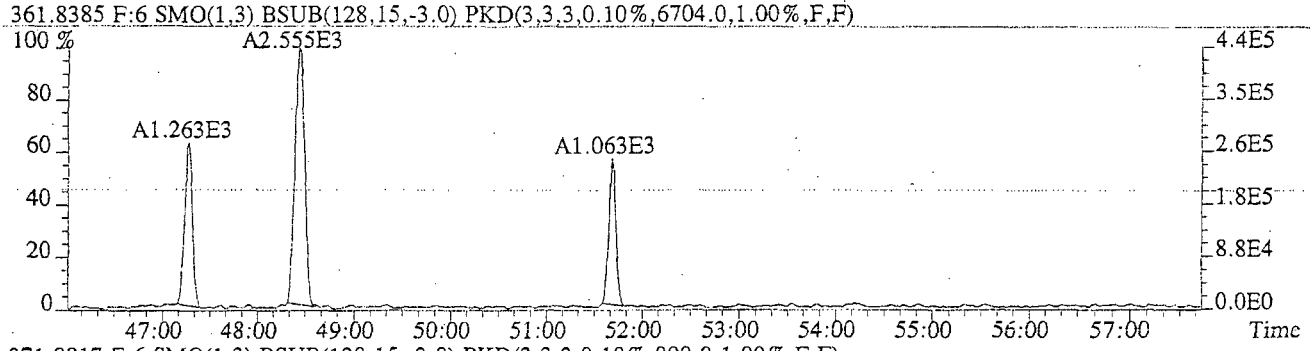


File:U220291 #1-580 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-03 DLCS

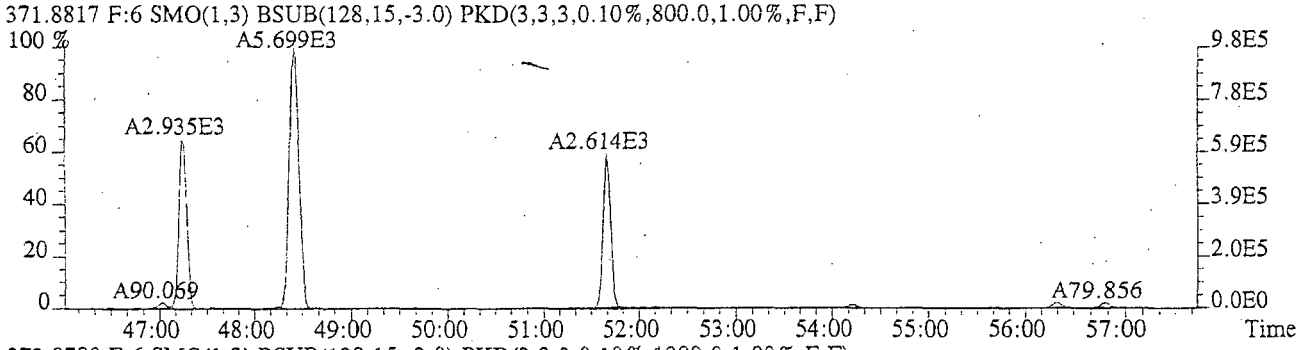
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6744.0,1.00%,F,F)



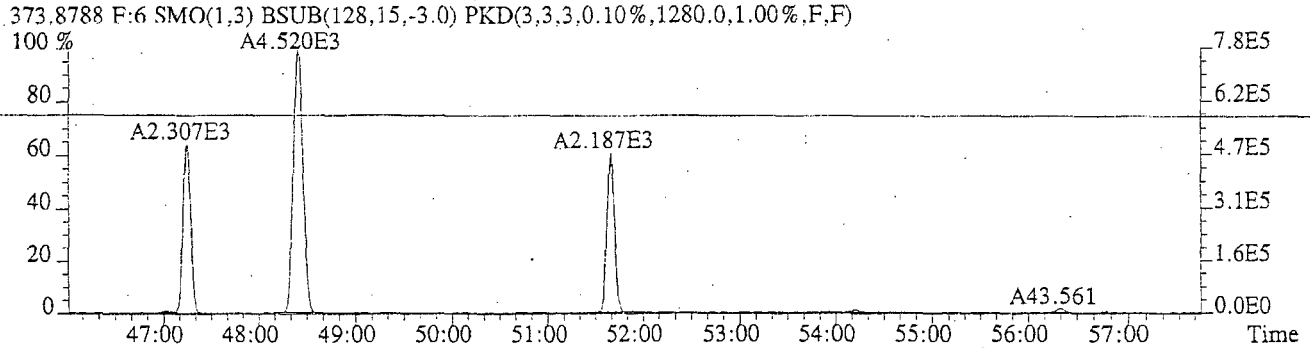
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6704.0,1.00%,F,F)



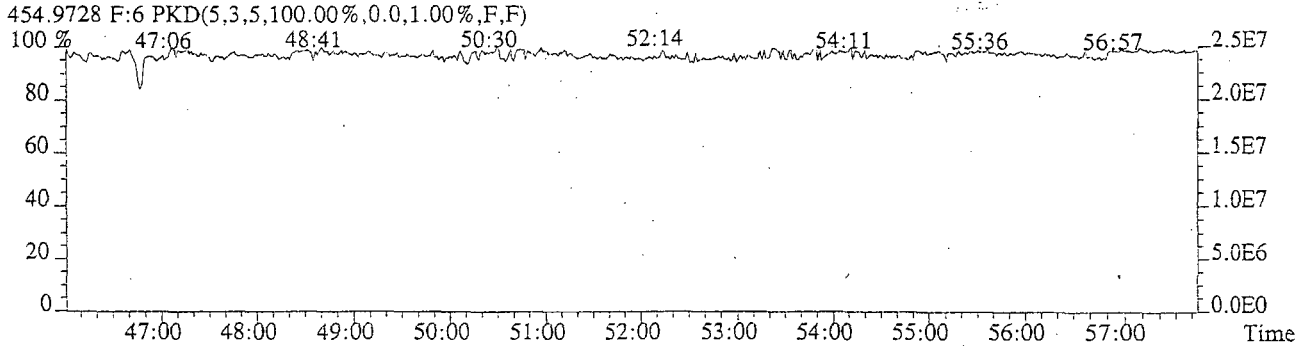
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,800.0,1.00%,F,F)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,F)

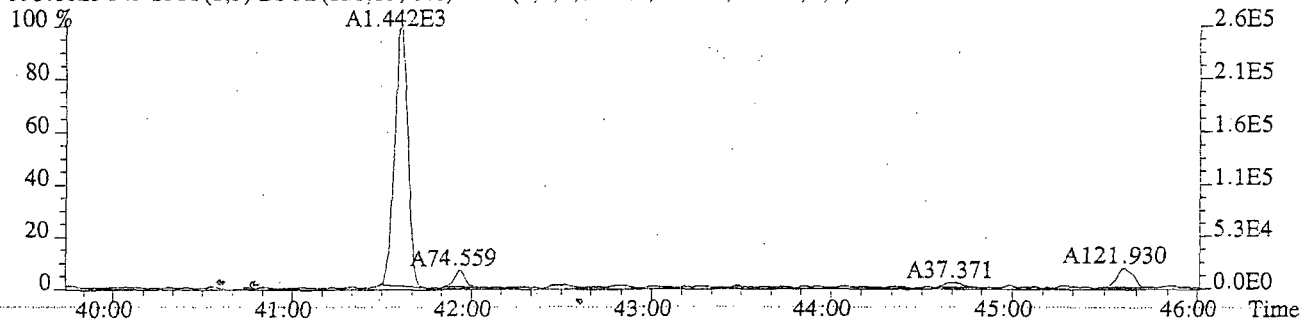


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

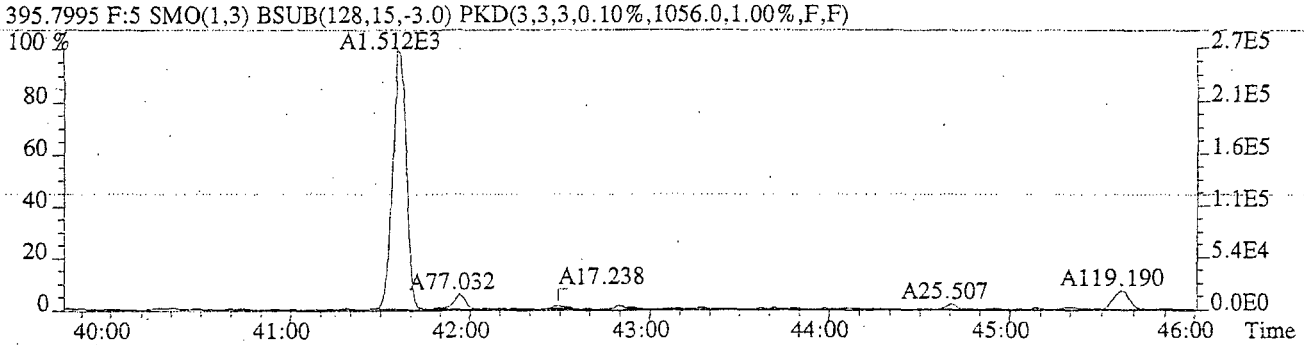


File:U220291 #1-402 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

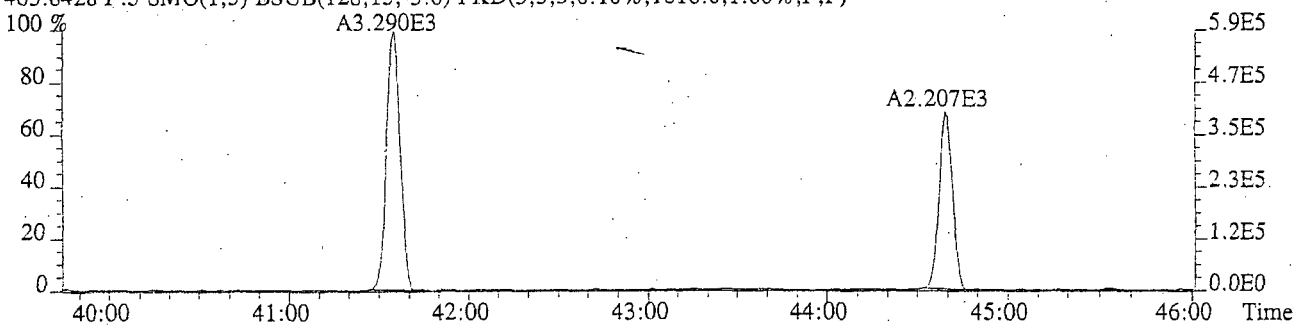
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1856.0,1.00%,F,F)



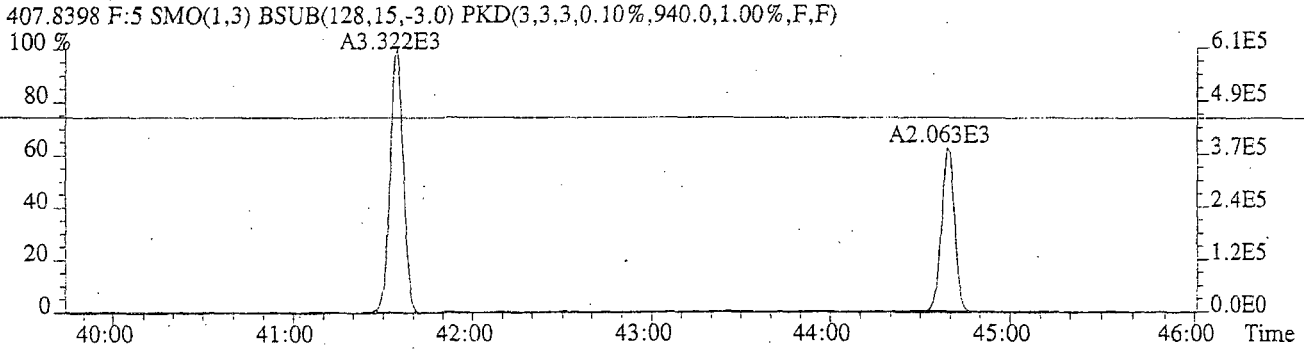
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1056.0,1.00%,F,F)



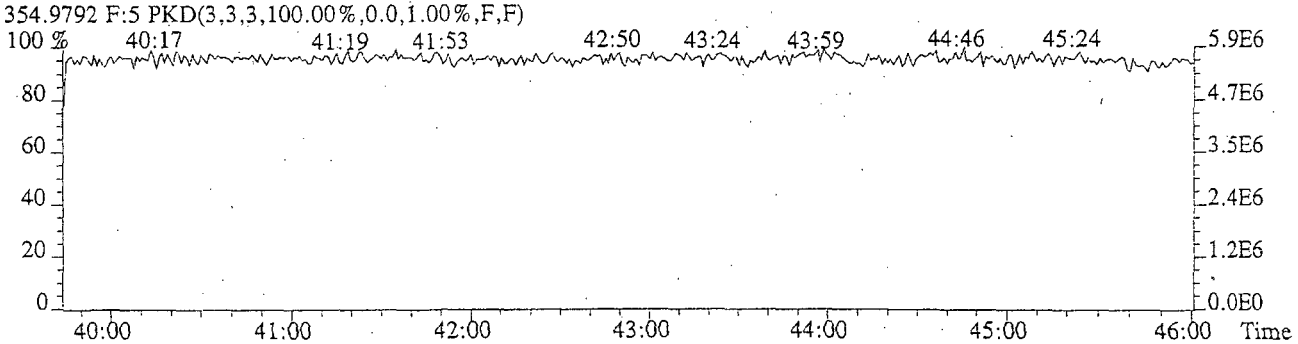
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1816.0,1.00%,F,F)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,F)

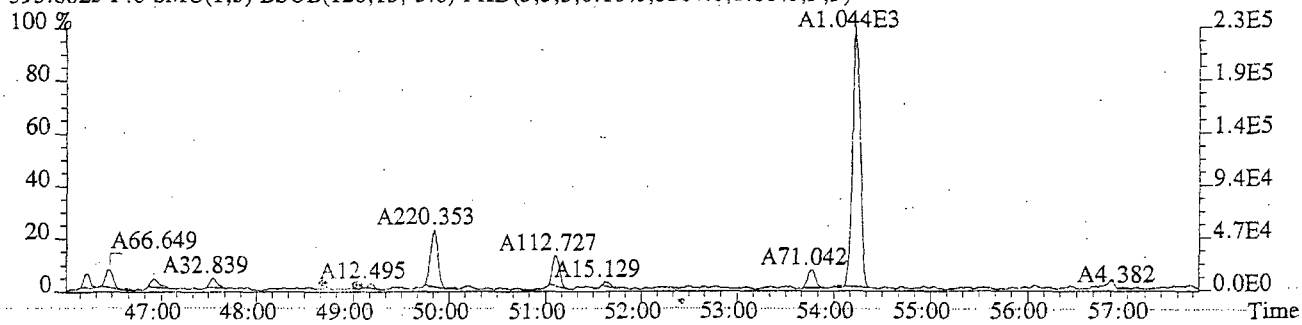


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

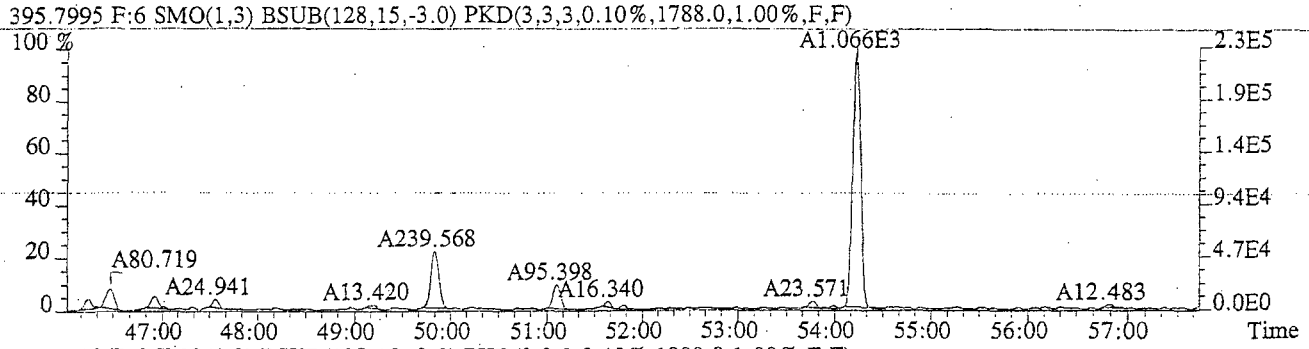


File:U220291 #1-580 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-03 DLCS

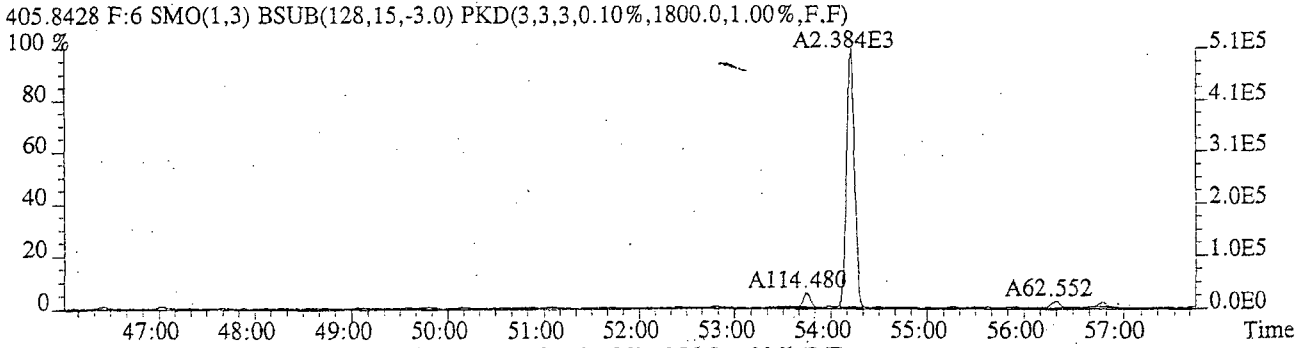
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3264.0,1.00%,F,F)



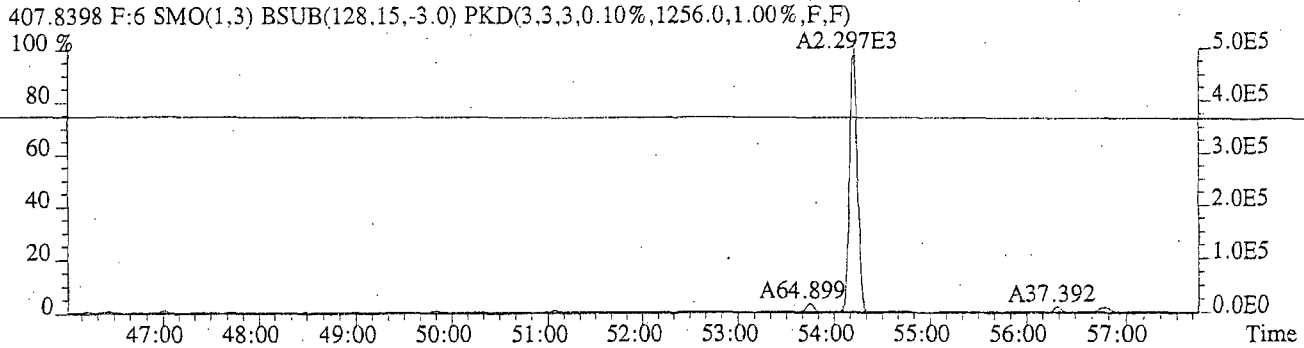
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1788.0,1.00%,F,F)



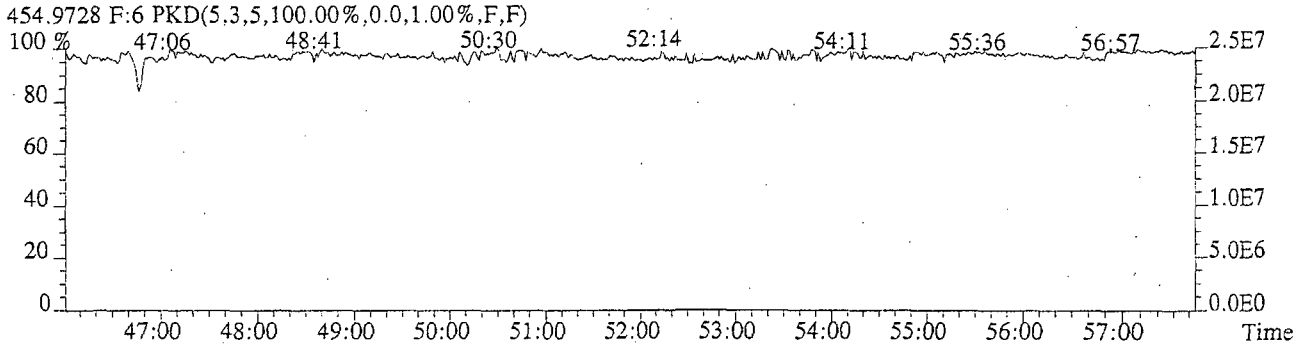
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1800.0,1.00%,F,F)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1256.0,1.00%,F,F)

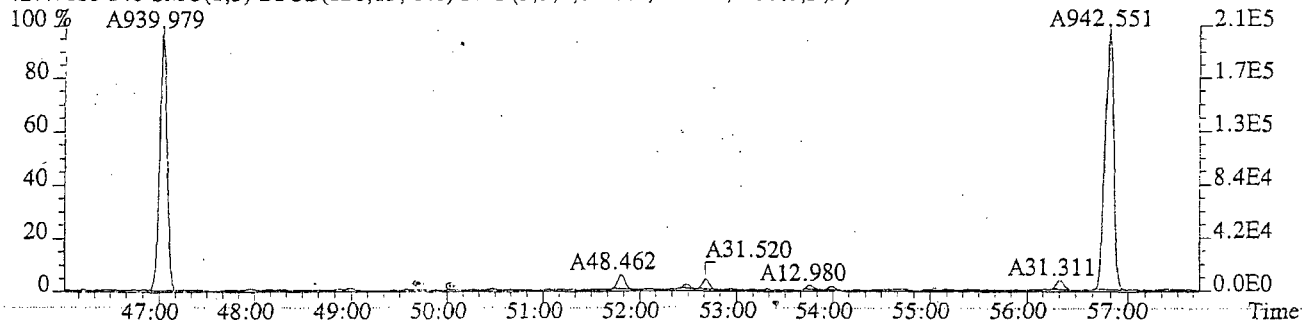


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

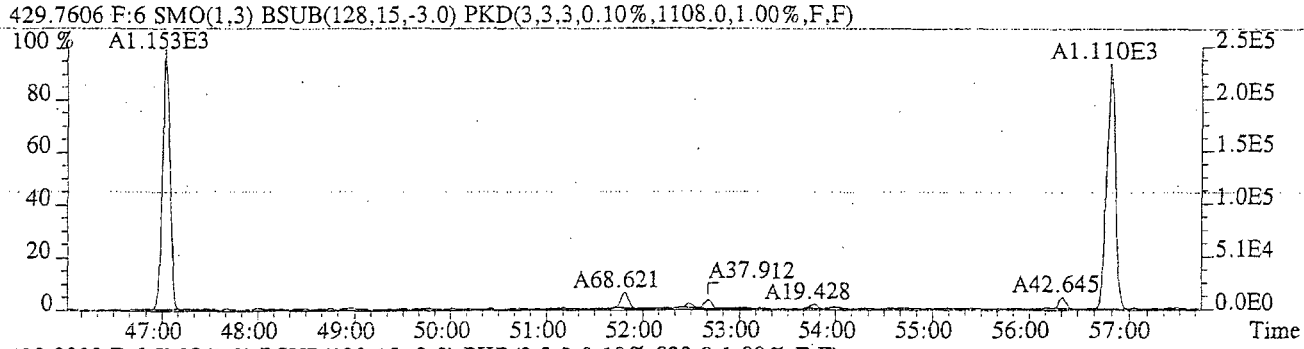


File:U220291 #1-580 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-03 DLCS

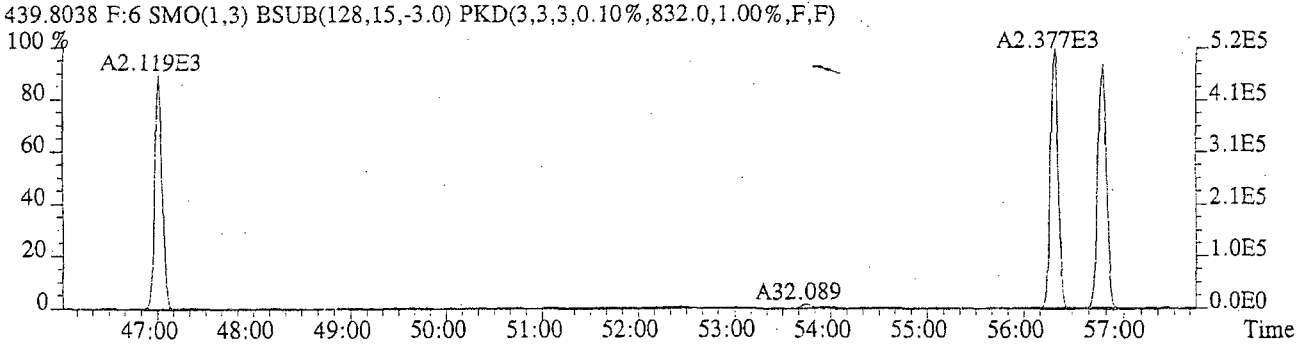
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1076.0,1.00%,F,F)



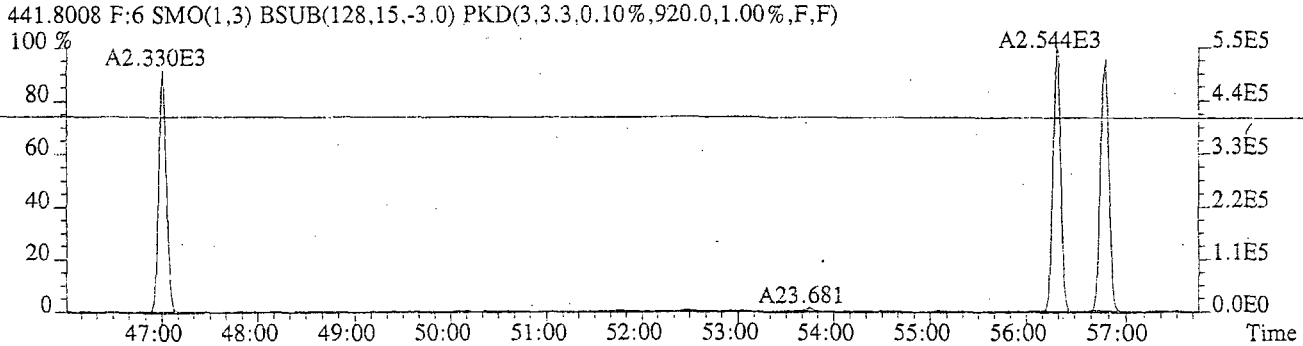
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1108.0,1.00%,F,F)



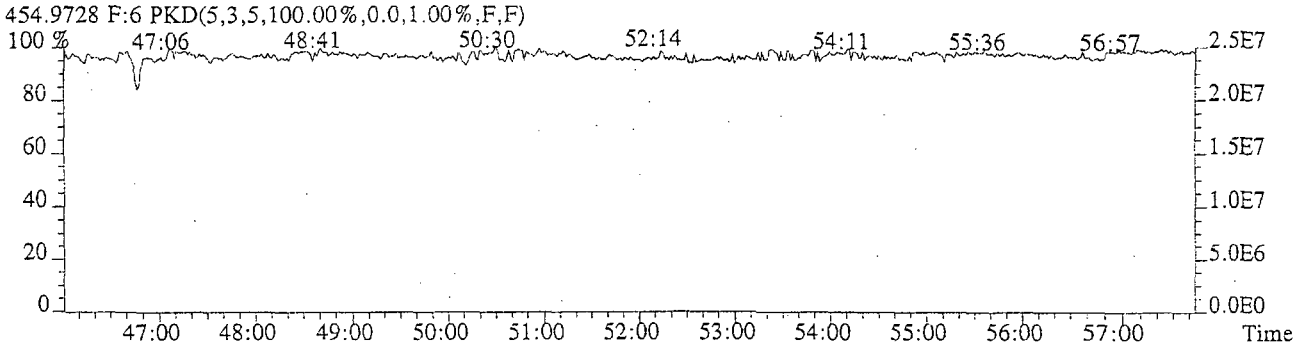
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,832.0,1.00%,F,F)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,920.0,1.00%,F,F)

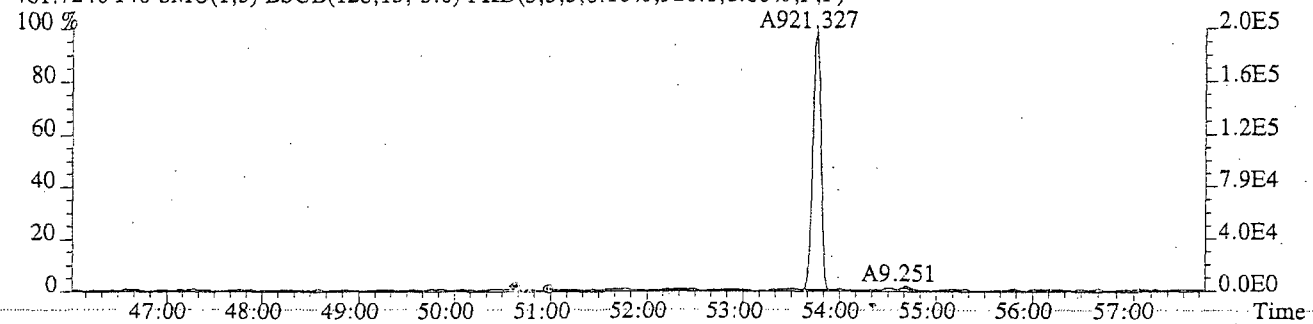


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

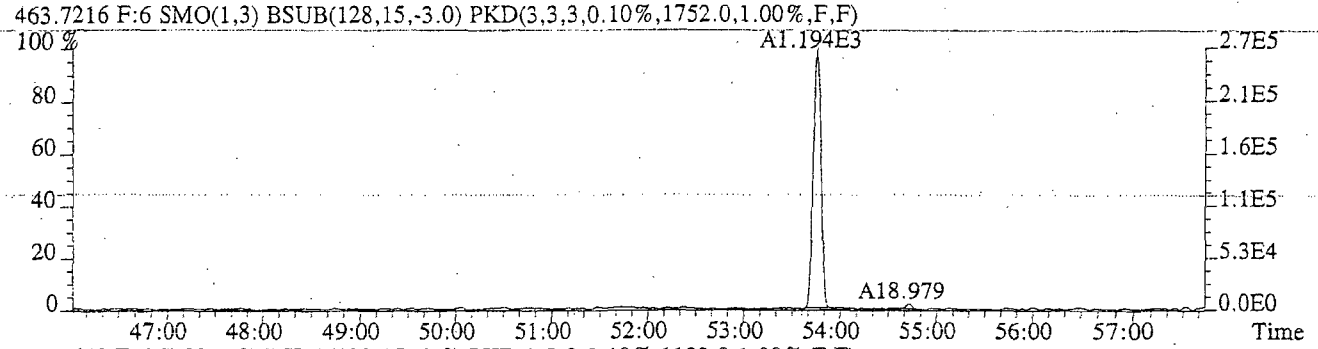


File:U220291 #1-580 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-03 DLCS

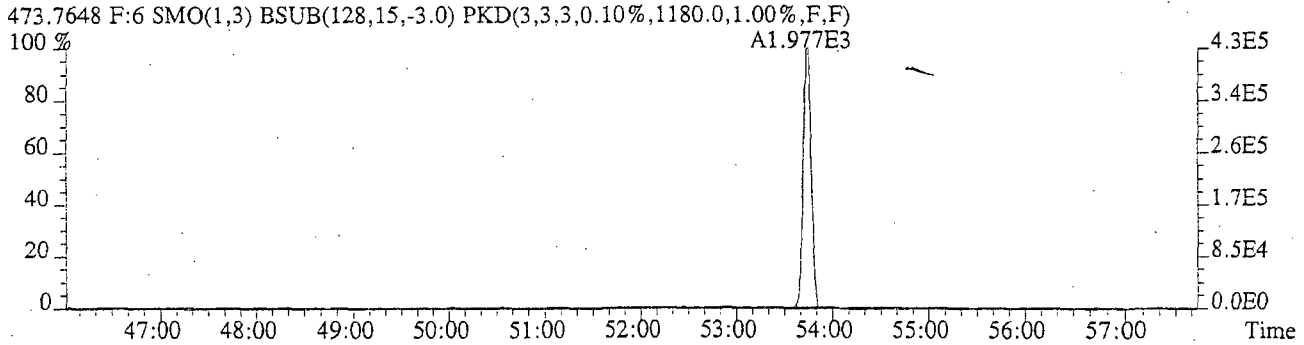
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,920.0,1.00%,F,F)



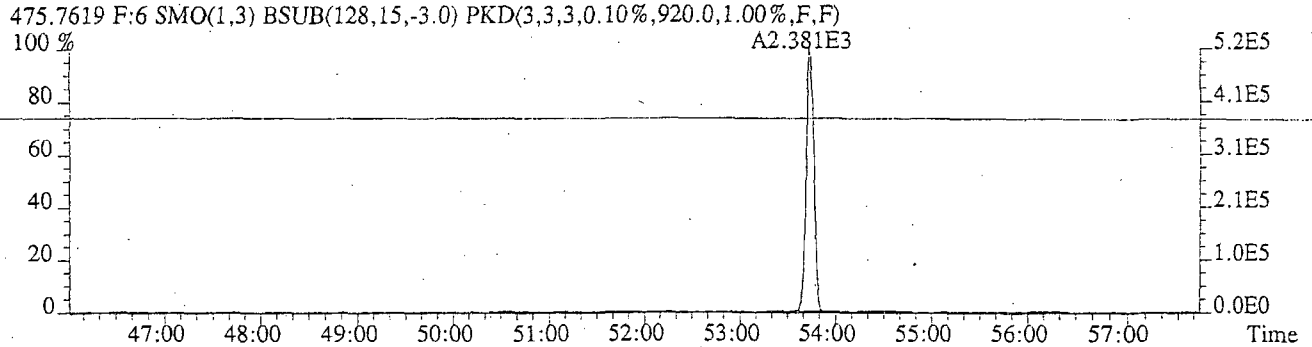
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1752.0,1.00%,F,F)



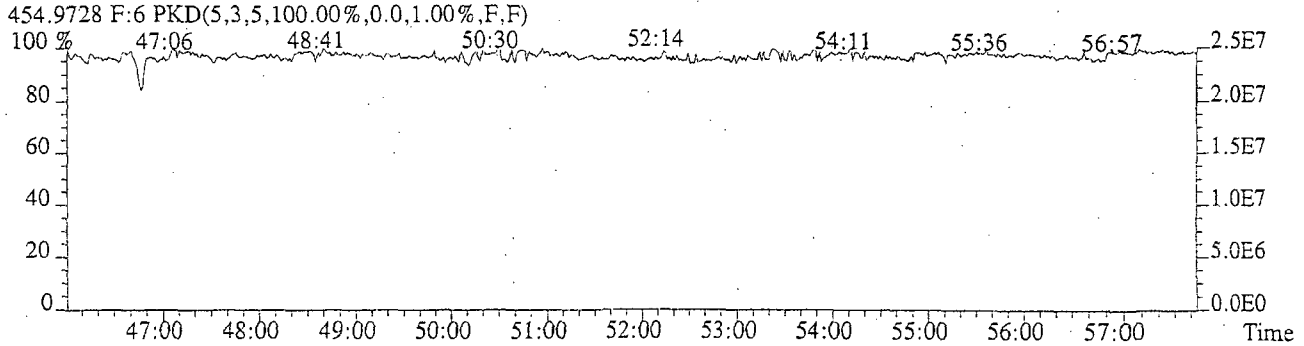
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1180.0,1.00%,F,F)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,920.0,1.00%,F,F)

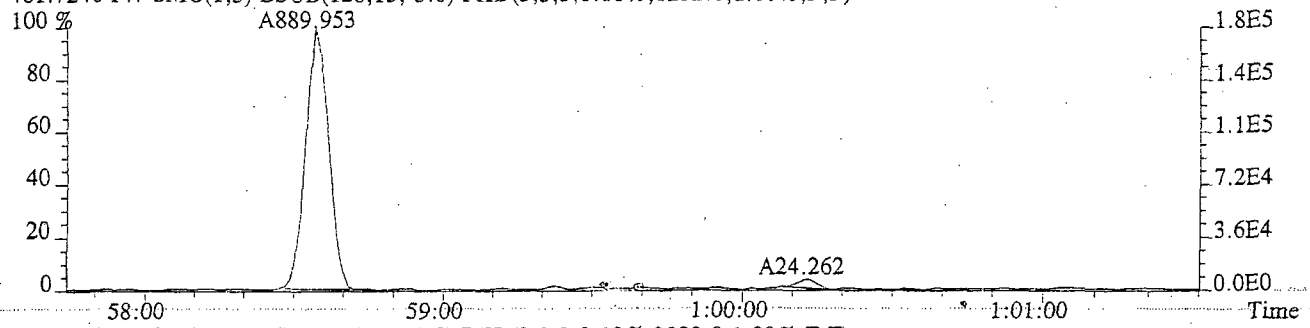


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

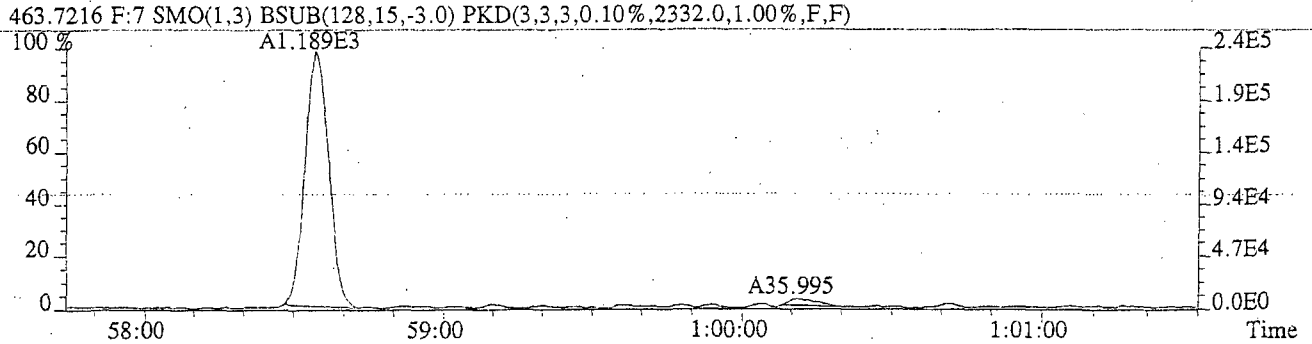


File:U220291 #1-213 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:EQ0900323-03 DLCS

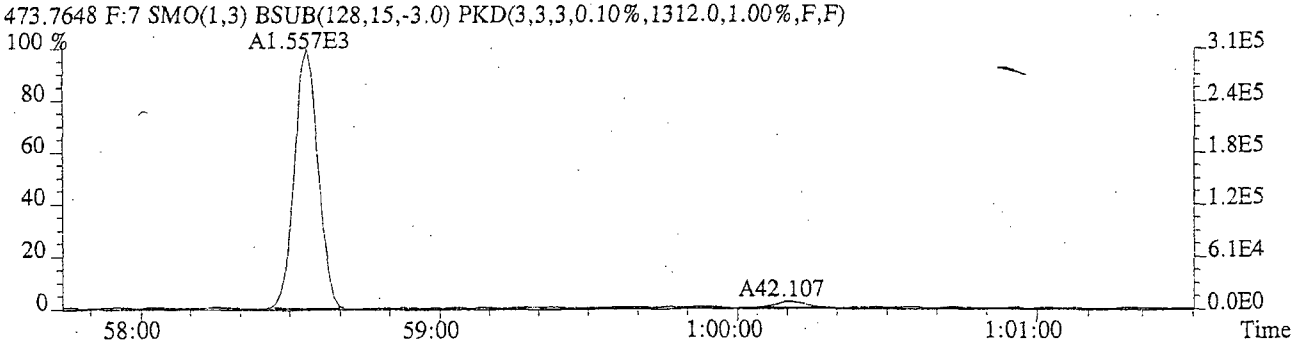
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1232.0,1.00%,F,F)



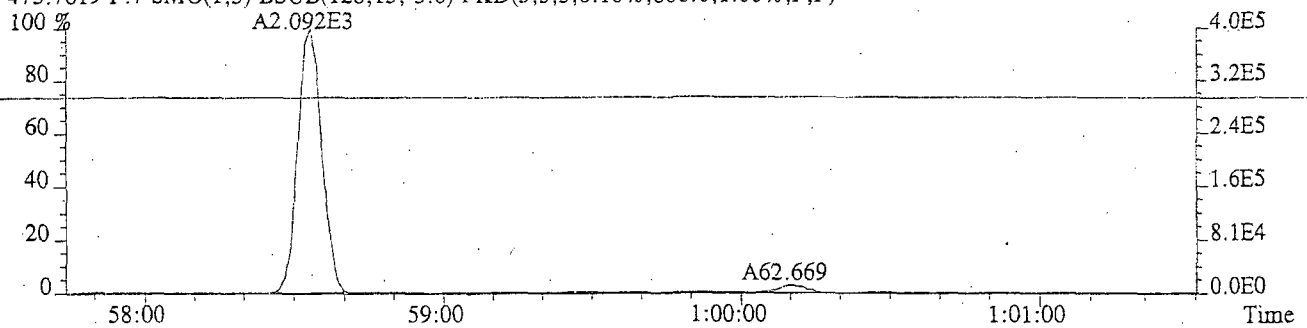
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2332.0,1.00%,F,F)



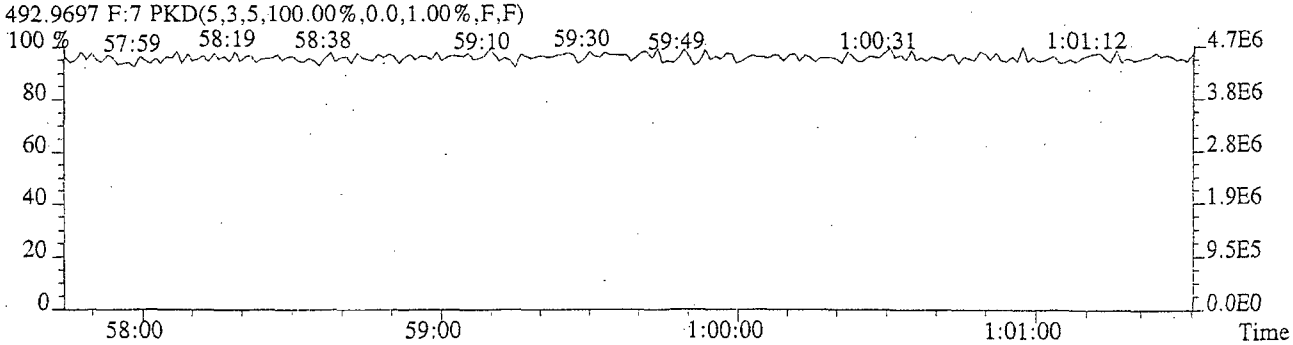
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1312.0,1.00%,F,F)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,808.0,1.00%,F,F)

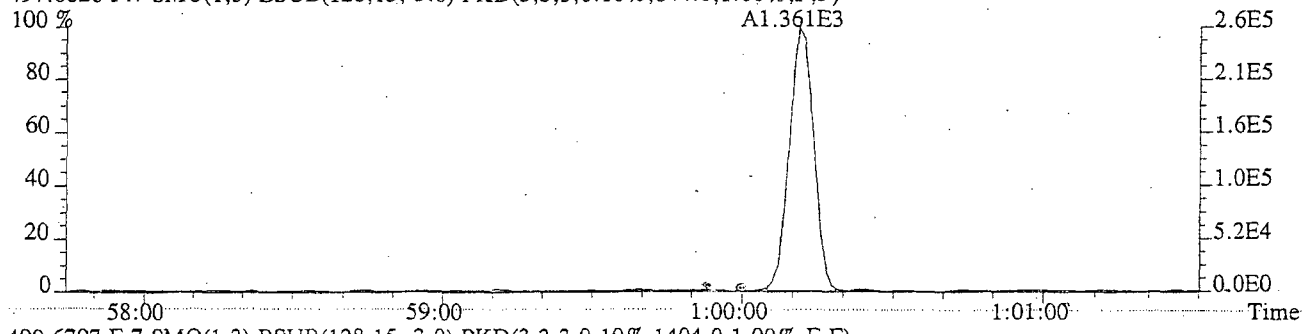


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

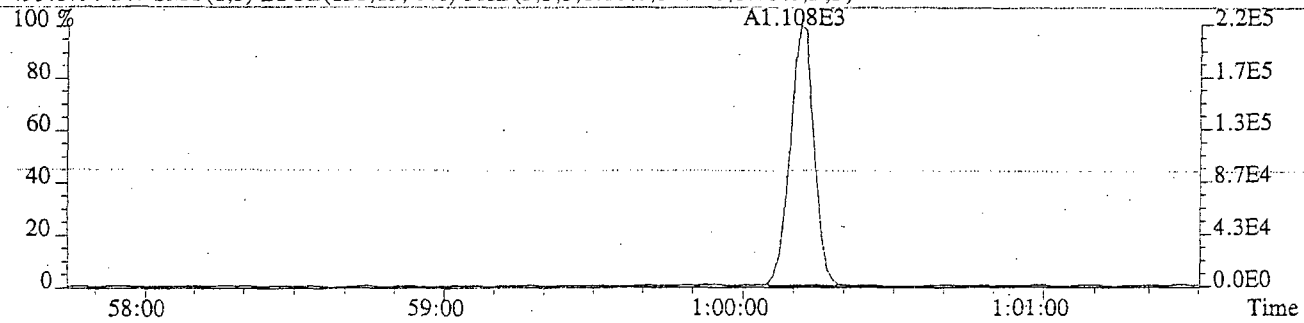


File:U220291 #1-213 Acq: 2-SEP-2009 11:30:50 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:EQ0900323-03 DLCS

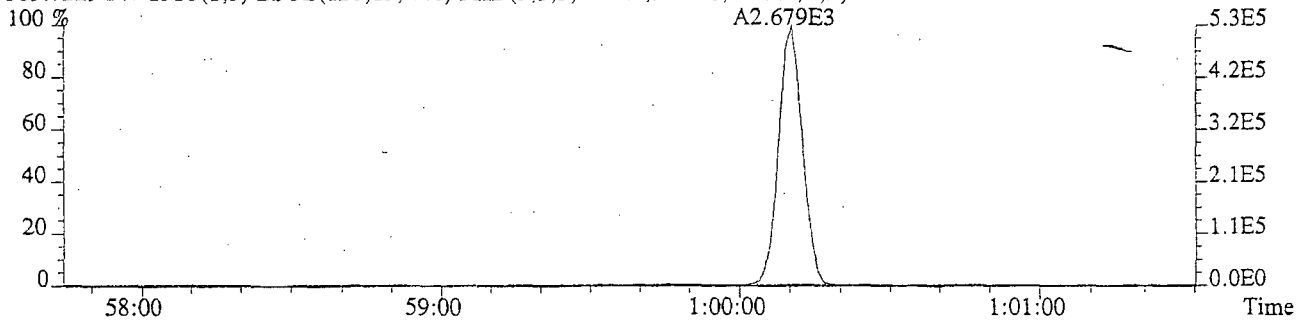
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,844.0,1.00%,F,F)



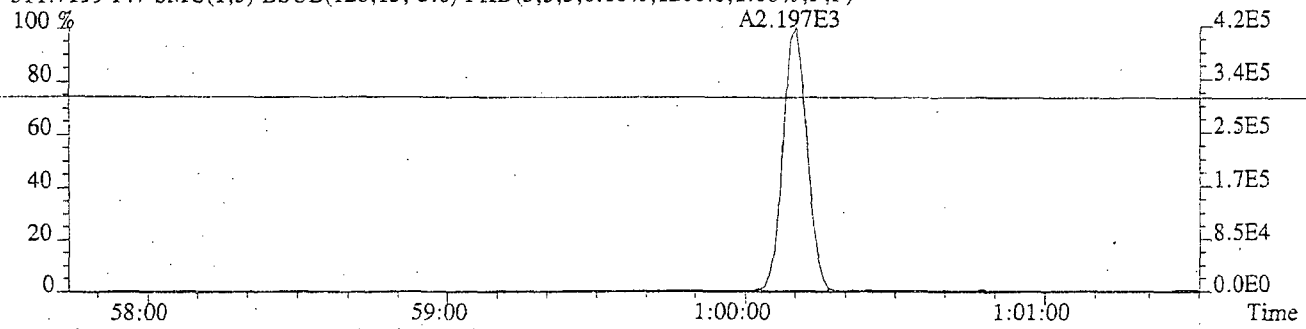
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1404.0,1.00%,F,F)



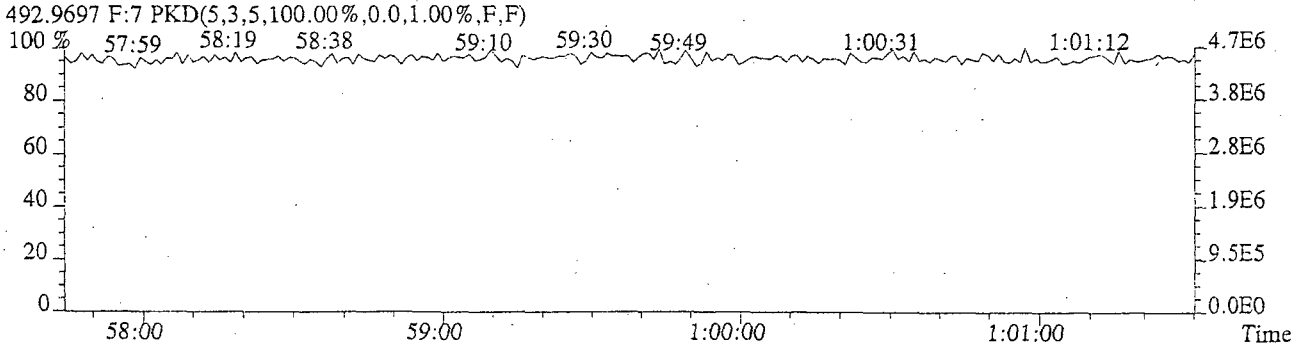
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1204.0,1.00%,F,F)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1208.0,1.00%,F,F)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



Preparation Information Benchsheet

Prep Run#: 9[illegible] 323 Solid 8/21 323

Team: Semivoa GCMS/AKODUR

Prep WorkFlow: OrgExt5(365)

Prep Method: Method Soxhlet

Status: [illegible]

Prep Date/Time: 8/14/09 07:43 AM

#	Lab Code	Client ID	B#	√	Method /Test	Matrix	Amt. Ext.	pH	I	M	C	Sample Description
1	E0900638-001	C0115	.04		1668A / Cl Biphen Cong	Soil	5.778		JD		EC	Black Soil
2	E0900638-002	C0116	.04		1668A / Cl Biphen Cong	Soil	6.165		JD		EC	Black Wet Soil
3	E0900638-003	C0117	.04		1668A / Cl Biphen Cong	Soil	5.417		JD		EC	Dark Grey Soil
4	E0900638-004	C0118	.04		1668A / Cl Biphen Cong	Soil	5.524		JD		EC	Dark Grey Soil
5	E0900638-006	C0120	.04		1668A / Cl Biphen Cong	Soil	6.396		JD		EC	Wet Red Brown Rocky mu
6	E0900638-007	C0121	.04		1668A / Cl Biphen Cong	Soil	5.467		JD		EC	Black Soil
7	E0900652-001	C0122	.01		1668A / Cl Biphen Cong	Soil	5.654		JD		EC	Black Soil
8	E0900652-002	C0123	.01		1668A / Cl Biphen Cong	Soil	5.741		JD		EC	Tan Green Sand Damp
9	E0900652-003	C0124	.01		1668A / Cl Biphen Cong	Soil	5.538		JD		EC	Black Soil
10	E0900652-004	C0125	.01		1668A / Cl Biphen Cong	Soil	5.520		JD		EC	Black soil
11	E0900652-005	C0126	.01		1668A / Cl Biphen Cong	Soil CH	5.861		JD		EC	Wet multicolored rocky pebble
12	E0900652-006	C0127	.01		1668A / Cl Biphen Cong	Soil	5.754		JD		EC	Wet Grey mud
13	E0900652-007	C0128	.01		1668A / Cl Biphen Cong	Soil	5.394		JD		EC	Multicolored soil - ceram.
14	E0900652-008	C0129	.01		1668A / Cl Biphen Cong	Soil	5.450		JD		EC	Black soil
15	E0900652-013	C0136	.01		1668A / Cl Biphen Cong	Soil	5.537		JD		EC	Yellow brown Soil
16	E0900661-002	SP-6	.01		1668A / Cl Biphen Cong	Soil	6.687		JD		AL	Very wet Dark Grey Sludge
17	E0900662-001	SP-6	.01		1668A / Cl Biphen Cong	Soil	6.515		JD		AL	Very wet Dark Grey Sludge
18	EQ0900323-01	MB			1668A / Cl Biphen Cong	Solid 5.000	~~5.477~~		JD		AL	~~Brown Soil~~
19	EQ0900323-02	LCS			1668A / Cl Biphen Cong	Solid	5.000		JD	JD	AL	
20	EQ0900323-03	DLCS			1668A / Cl Biphen Cong	Solid	5.000		JD	JD	AL	
21	K0907237-001	Treated	.01		1668A / Cl Biphen Cong	Misc. Solid	5.477		JD		AL	Brown Soil
22	K0907237-002	Control	.01		1668A / Cl Biphen Cong	Misc. Solid	5.574	---	JD		AL	Brown Soil
23	R0904512-010	SA107-0.5B	.02		1668A / Cl Biphen Cong	Soil	5.467		JD		AL	Brown Soil

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132-49-4

Preparation Information Benchsheet

Prep Run#: 93633
Team: Semivoa GCMS/AKODUR

Prep WorkFlow: OrgExtS(365)
Prep Method: Not Done Here

Status: Draft
Prep Date/Time: 8/[illegible]/09 07:43 AM

I: CD B2-45-1 1000ul 8/20/09 Ex CD 8/20/09 2.5
AI: CD B2-44-4 1000ul 8/20/09 AC FC 8/25/09 1 AT 8/26/09
C: EC B2-36-3 100ul 8/25/09 Sc 9/1 8/27/09
AK B2-45.5 100ul 8/26/09 9/1

Printed 8/20/09 12

Preparation Information Benchsheet

Preparation Information Benchsheet

Prep Run#: [illegible]633 — 95133   323

Team: Semivoa GCMS

Prep WorkFlow: OrgExtS(365)

Status: [illegible]

Prep Date/Time: 8/14/09 07:43 AM

Chlorinated Biphenyl Congeners by HRGC/HRMS

Number of Copies to make: 6

#	Lab Code	Client ID	B#	√	Method /Test	Matrix	Tare Weight	Wet Weight + Tare	Dry Weight + Tare
1	E0900638-001	C0115	.04		1668A / Cl Biphen Cong	Soil	13.386	16.676	16.198
2	E0900638-002	C0116	.04		1668A / Cl Biphen Cong	Soil	13.066	16.842	15.292
3	E0900638-003	C0117	.04		1668A / Cl Biphen Cong	Soil	13.090	16.250	16.414
4	E0900638-004	C0118	.04		1668A / Cl Biphen Cong	Soil	13.185	17.572	17.290
5	E0900638-006	C0120	.04		1668A / Cl Biphen Cong	Soil	13.376	19.126	17.603
6	E0900638-007	C0121	.04		1668A / Cl Biphen Cong	Soil	13.065	16.709	16.313
7	E0900652-001	C0122	.01		1668A / Cl Biphen Cong	Soil	13.052	17.445	17.070
8	E0900652-002	C0123	.01		1668A / Cl Biphen Cong	Soil	13.065	19.085	18.000
9	E0900652-003	C0124	.01		1668A / Cl Biphen Cong	Soil	13.024	16.487	16.052
10	E0900652-004	C0125	.01		1668A / Cl Biphen Cong	Soil	13.011	16.460	16.032
11	E0900652-005	C0126	.01		1668A / Cl Biphen Cong	Soil	13.395	17.206	15.920
12	E0900652-006	C0127	.01		1668A / Cl Biphen Cong	Soil	13.069	18.557	16.666
13	E0900652-007	C0128	.01		1668A / Cl Biphen Cong	Soil	13.395	16.935	16.281
14	E0900652-008	C0129	.01		1668A / Cl Biphen Cong	Soil	13.024	16.816	15.718
15	E0900652-013	C0136	.01		1668A / Cl Biphen Cong	Soil	13.402	18.410	18.148
16	E0900661-002	SP-6	.01		1668A / Cl Biphen Cong	Soil	13.405	19.073	17.847
17	E0900662-001	SP-6	.01		1668A / Cl Biphen Cong	Soil	13.036	16.970	16.032
18	EQ0900323-01	Method Blank			1668A / Cl Biphen Cong	Soil			
[illegible]	EQ0900323-02	Lab Control Sample			1668A / Cl Biphen Cong	Soil			
[illegible]	EQ0900323-03	Lab Control Sample Dup			1668A / Cl Biphen Cong	Soil			
[illegible]	K0907237-001	[illegible]	[illegible]		1668A / Cl Biphen Cong	Misc. Solid			
[illegible]	K0907237-002	[illegible]	[illegible]		1668A / Cl Biphen Cong	Misc. Solid			
[illegible]	R0901512-010	SA107-0.5B	.02		1668A / Cl Biphen Cong	Soil			

Preparation Information Benchsheet

Prep Run#: 337 (handwritten over printed number)
Team: Semivoa GCMS/AKODUR

Prep WorkFlow: OrgExtAq(365)
Prep Method: Method Sep Funnel/Jar

Status: Half
Prep Date/Time: 8/17/09 10:42 AM

#	Lab Code	Client ID	B#	√	Method /Test	Matrix	Amt. Ext.	pH	I	M	C	Sample Description
1	E0900638-005	C0119	.03		1668A / Cl Biphen Cong	Water	930		EC			Clear colorless liquid
2	E0900644-001	SP-5	.02		1668A / Cl Biphen Cong	Water	810		EC			green liquid
3	E0900648-001	BMI Supplied Water	.01		1668A / Cl Biphen Cong	Water	1100		EC			Clear colorless liquid
4	E0900648-002	Duplicate	.01		1668A / Cl Biphen Cong	Water	1000		EC			↓
5	E0900652-018	C0133	.01		1668A / Cl Biphen Cong	Water	1005		EC			
6	E0900652-019	C0139	.01		1668A / Cl Biphen Cong	Water	1050		EC			
7	E0900674-001	R0904223-DI Extract Blank	.01		1668A / Cl Biphen Cong	Water	930		EC			
8	E0900674-002	R0904223-SPLP Extract Blank	.01		1668A / Cl Biphen Cong	Water	990		EC			
9	E0900675-001	R0904370-DI Extract Blank	.01		1668A / Cl Biphen Cong	Water	480		EC			
10	E0900675-002	R0904370-SPLP Extract Blank	.01		1668A / Cl Biphen Cong	Water	500		EC			↓
11	E0900678-001	CPBS49F-PP1-SW01-0809	.01		1668A / Cl Biphen Cong	Water	970		EC			Yellow liquid
12	E0900678-002	CPBS49F-PP1-SW02-0809	.01		1668A / Cl Biphen Cong	Water	830		EC			↓
13	E0900678-003	CPBS49F-PP1-SW02P-0809	.01		1668A / Cl Biphen Cong	Water	990		EC			↓
14	E0900678-005	CPBS49F-EB01-081909	.01		1668A / Cl Biphen Cong	Water	900		EC			Clear colorless liquid
15	E0900678-006	CPBS49F-EB02-082009	.01		1668A / Cl Biphen Cong	Water	1100		EC			↓
16	E0900678-007	CPBS49F-FB02-082009	.01		1668A / Cl Biphen Cong	Water	1100		EC			
17	E0900678-008	CPBS49F-PP1-SW01-0809 (Diss)	.01		1668A / Cl Biphen Cong	Water	1050		EC			
18	E0900678-009	CPBS49F-PP1-SW02-0809 (Diss)	.01		1668A / Cl Biphen Cong	Water	1000		EC			
19	E0900678-010	CPBS49F-PP1-SW02P-0809 (Diss)	.01		1668A / Cl Biphen Cong	Water	1090		EC			
20	E0900684-001	CPBS49F-EB04-082109	.01		1668A / Cl Biphen Cong	Water	1100		EC			↓
21	EQ0900337-01	MB			1668A / Cl Biphen Cong	Liquid	1000		EC			—
22	EQ0900337-02	LCS			1668A / Cl Biphen Cong	Liquid	1000		EC	EC		—
23	EQ0900337-03	E0900648-001 MS	.01		1668A / Cl Biphen Cong	Liquid	1060		EC	EC		—
24	EQ0900337-04	E0900648-001 DMS	.01		1668A / Cl Biphen Cong	Liquid	970		EC	EC		—

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Preparation Information Benchsheet

Prep Batch: 92783 | Prep WorkFlow: OrgExtAq(365) | Status: Draft
Team: Semivoa GCMS/AKODUR | Prep Method: Method Sep Funnel/Jar | Prep Date/Time: 8/17/09 10:4_ AM

C: B2-45-5 1000ul 9/1/09

I: AK B2-44-5 1000ul 8/25/09 | Ex ~~EX~~ EC/AK 8/25/09
M: AK B2-44-4 1000ul 8/25/09 | Ac JD 9/1/09
C: AK B2-45-4 1000ul 8/25/09 | Sc
FI AK 9/1/09

Preparation Information Benchsheet

Prep Run#: 93633
Team: Semivoa GCMS/AKODUR

Prep WorkFlow: OrgExtS(365)
Prep Method: Method

Status: Prepped
Prep Date/Time: 8/20/09 02:00 PM

#	Lab Code	Client ID	B#	Method /Test	pH	Matrix	Amt. Ext.	Sample Description
1	E0900638-001	C0115	.04	1668A/Cl Biphen Cong		Soil	5.778g	black soil
2	E0900638-002	C0116	.04	1668A/Cl Biphen Cong		Soil	6.165g.	black wet soil
3	E0900638-003	C0117	.04	1668A/Cl Biphen Cong		Soil	5.417g	dark grey soil
4	E0900638-004	C0118	.04	1668A/Cl Biphen Cong		Soil	5.524g	dark grey soil
5	E0900638-006	C0120	.04	1668A/Cl Biphen Cong		Soil	6.390g	wet red brown redsy mud
6	E0900638-007	C0121	.04	1668A/Cl Biphen Cong		Soil	5.467g	black soil
7	E0900652-001	C0122	.01	1668A/Cl Biphen Cong		Soil	5.654g	black soil
8	E0900652-002	C0123	.01	1668A/Cl Biphen Cong		Soil	5.741g	tan green damp sand
9	E0900652-003	C0124	.01	1668A/Cl Biphen Cong		Soil	5.538g	black soil
10	E0900652-004	C0125	.01	1668A/Cl Biphen Cong		Soil	5.520g	black soil
11	E0900652-005	C0126	.01	1668A/Cl Biphen Cong		Soil	5.866g	wet multicolored rock pebbles
12	E0900652-006	C0127	.01	1668A/Cl Biphen Cong		Soil	5.754g	wet gret mud
13	E0900652-007	C0128	.01	1668A/Cl Biphen Cong		Soil	5.394g	multicolored soil cermanics
14	E0900652-008	C0129	.01	1668A/Cl Biphen Cong		Soil	5.450g	black soil
15	E0900652-013	C0136	.01	1668A/Cl Biphen Cong		Soil	5.537g	yellow brown soil
16	E0900661-002	SP-6	.01	1668A/Cl Biphen Cong		Soil	6.687g	very wet dark gray sludge
17	E0900662-001	SP-6	.01	1668A/Cl Biphen Cong		Soil	6.515g	very wet dark gray sludge
18	EQ0900323-01	MB		1668A/Cl Biphen Cong		Solid	5.000g	
19	EQ0900323-02	LCS		1668A/Cl Biphen Cong		Solid	5.000g	
20	EQ0900323-03	DLCS		1668A/Cl Biphen Cong		Solid	5.000g	
21	K0907237-001	Treated	.01	1668A/Cl Biphen Cong		Misc. Solid	5.477g	black soil
22	K0907237-002	Control	.01	1668A/Cl Biphen Cong		Misc. Solid	5.514g	black soil
23	R0904512-010	SA107-0.5B	.02	1668A/Cl Biphen Cong		Soil	5.467g	brown dirt with small pebbles

Preparation Information Benchsheet

Prep Run#: 93633 **Prep WorkFlow:** OrgExtS(365) **Status:** Prepped
Team: Semivoa GCMS/AKODUR **Prep Method:** Method **Prep Date/Time:** 8/20/09 02:00 PM

Spiking Solutions

Name:	1668A Clean Up Working Standard			Inventory ID	10548	Logbook Ref:	B2-36-3			Expires On:	05/14/2019
E0900638-002	100.00µL	E0900638-003	100.00µL	E0900638-007	100.00µL	E0900652-001	100.00µL	E0900652-002	100.00µL	E0900652-005	100.00µL
E0900652-007	100.00µL	E0900652-013	100.00µL	E0900661-002	100.00µL	E0900662-001	100.00µL	EQ0900323-01	100.00µL	EQ0900323-02	100.00µL
EQ0900323-03	100.00µL	K0907237-001	100.00µL	K0907237-002	100.00µL	R0904512-010	100.00µL				

Name:	1668A Working Matrix Standard			Inventory ID	11825	Logbook Ref:	B2-44-4			Expires On:	08/14/2014
EQ0900323-02	1,000.00µL	EQ0900323-03	1,000.00µL								

Name:	1668A Clean Up Working Standard			Inventory ID	11940	Logbook Ref:	B2-45-5			Expires On:	08/26/2019
E0900638-001	100.00µL	E0900638-004	100.00µL	E0900638-006	100.00µL	E0900652-003	100.00µL	E0900652-004	100.00µL	E0900652-006	100.00µL
E0900652-008	100.00µL										

Name:	1668A Labeled Working Standard			Inventory ID	11980	Logbook Ref:	B2-45-1			Expires On:	08/20/2014
E0900638-001	1,000.00µL	E0900638-002	1,000.00µL	E0900638-003	1,000.00µL	E0900638-004	1,000.00µL	E0900638-006	1,000.00µL	E0900638-007	1,000.00µL
E0900652-001	1,000.00µL	E0900652-002	1,000.00µL	E0900652-003	1,000.00µL	E0900652-004	1,000.00µL	E0900652-005	1,000.00µL	E0900652-006	1,000.00µL
E0900652-007	1,000.00µL	E0900652-008	1,000.00µL	E0900652-013	1,000.00µL	E0900661-002	1,000.00µL	E0900662-001	1,000.00µL	EQ0900323-01	1,000.00µL
EQ0900323-02	1,000.00µL	EQ0900323-03	1,000.00µL	K0907237-001	1,000.00µL	K0907237-002	1,000.00µL	R0904512-010	1,000.00µL		

Preparation Materials

Acetone 99.5% Minimum	C2-16-007 (7199)	Extraction Thimbles 43 x123 mm	(1577)	Florisil (Magnesia-Silica Gel)	C2-8-003 (3603)
Glass Wool	C2-13-005 (7198)	Sulfuric Acid Reagent Grade H2SO4	C2-24-003 (9461)	Methanol HR-GC Grade MeOH	C2-18-004 (7220)
Sodium Chloride Reagent Grade NaCl	C1-104-2 (3306)	Sodium Hydroxide Reagent Grade NaOH	C2-24-002 (9463)	Sodium Sulfate Anhydrous Reagent Grade Na2SO4	C2-19-006 (7201)
Tridecane (n-Tridecane)	C2-24-001 (9460)	Hexane (n-Hexane) 98.5% Minimum	C2-25-004 (9441)	Nonane (n-Nonane) 99%	C2-21-004 (9457)
Silica Gel Reagent Grade	C2-27-007 (9456)	Toluene 99.9% Minimum	C2-25-003 (9446)		

Preparation Steps

Step:	Extraction	Step:	Acid Clean	Step:	Silica Gel Clean	Step:	Final Volume
Started:	8/20/09 14:00	Started:	8/25/09 10:00	Started:	8/27/09 14:00	Started:	9/1/09 07:00
Finished:	8/20/09 17:00	Finished:	8/25/09 11:00	Finished:	8/27/09 18:00	Finished:	9/1/09 10:00
By:	JDIAZ	By:	JDIAZ	By:	JDIAZ	By:	JDIAZ

Preparation Information Benchsheet

Prep Run#: 93633
Team: Semivoa GCMS/AKODUR

Prep WorkFlow: OrgExtS(365)
Prep Method: Method

Status: Prepped
Prep Date/Time: 8/20/09 02:00 PM

Comments: _____

Reviewed By: JD Date: 09/02/2009

Chain of Custody

Relinquished By:		Date:		Extracts Examined
Received By:		Date:		Yes No

COLUMBIA ANALYTICAL SERVICES, INC.

Total Solids, (Gravimetric, Dried at 110 Deg C)

Group ID:	95133		
Analyst:	AKODUR	**Reviewed By:**	JD
Date Acquired:	8/20/09	**Date Reviewed:**	09/02/2009

Lab Code	Client Sample Name	Test	Tare Weight	Wet Weight + Tare	Dry Weight + Tare	Percent Solids
E0900638-001	C0115	1668A/Total Solids	13.3860g	16.6960g	16.1980g	85.0
E0900638-002	C0116	1668A/Total Solids	13.0660g	16.8420g	15.2920g	59.0
E0900638-003	C0117	1668A/Total Solids	13.0900g	16.7500g	16.4140g	90.8
E0900638-004	C0118	1668A/Total Solids	13.1850g	17.5780g	17.2900g	93.4
E0900638-006	C0120	1668A/Total Solids	13.3760g	19.1260g	17.6030g	73.5
E0900638-007	C0121	1668A/Total Solids	13.0690g	16.7090g	16.3130g	89.1
E0900652-001	C0122	1668A/Total Solids	13.0520g	17.4450g	17.0700g	91.5
E0900652-002	C0123	1668A/Total Solids	13.0650g	19.0850g	18.0000g	82.0
E0900652-003	C0124	1668A/Total Solids	13.0240g	16.4870g	16.0520g	87.4
E0900652-004	C0125	1668A/Total Solids	13.0110g	16.4600g	16.0320g	87.6
E0900652-005	C0126	1668A/Total Solids	13.3750g	17.2060g	15.9700g	67.7
E0900652-006	C0127	1668A/Total Solids	13.0670g	18.5510g	16.6660g	65.6
E0900652-007	C0128	1668A/Total Solids	13.3750g	16.9370g	16.2810g	81.6
E0900652-008	C0129	1668A/Total Solids	13.0240g	16.8160g	15.7180g	71.0
E0900652-013	C0136	1668A/Total Solids	13.4020g	18.4100g	18.1480g	94.8
E0900661-002	SP-6	1668A/Total Solids	13.4390g	19.0730g	17.8470g	78.2
E0900662-001	SP-6	1668A/Total Solids	13.0360g	16.9700g	16.0320g	76.2

Preparation Information Benchsheet

Prep Run#: 93787 **Prep WorkFlow:** OrgExtAq(365) **Status:** Prepped
Team: Semivoa GCMS/AKODUR **Prep Method:** Method **Prep Date/Time:** 8/25/09 10:42 AM

#	Lab Code	Client ID	B#	Method /Test	pH	Matrix	Amt. Ext.	Sample Description
1	E0900638-005	C0119	.03	1668A/Cl Biphen Cong		Water	930mL	clear colorless liquid
2	E0900644-001	SP-5	.02	1668A/Cl Biphen Cong		Water	810mL	green liquid
3	E0900648-001	BMI Supplied Water	.01	1668A/Cl Biphen Cong		Water	1100mL	clear colorless liquid
4	E0900648-002	Duplicate	.01	1668A/Cl Biphen Cong		Water	1000mL	clear colorless liquid
5	E0900652-018	C0133	.01	1668A/Cl Biphen Cong		Water	1005mL	clear colorless liquid
6	E0900652-019	C0139	.01	1668A/Cl Biphen Cong		Water	1050mL	clear colorless liquid
7	E0900674-001	R0904223-DI Extract Blank	.01	1668A/Cl Biphen Cong		Water	930mL	clear colorless liquid
8	E0900674-002	R0904223-SPLP Extract Blank	.01	1668A/Cl Biphen Cong		Water	990mL	clear colorless liquid
9	E0900675-001	R0904370-DI Extract Blank	.01	1668A/Cl Biphen Cong		Water	480mL	clear colorless liquid
10	E0900675-002	R0904370-SPLP Extract Blank	.01	1668A/Cl Biphen Cong		Water	500mL	clear colorless liquid
11	E0900678-001	CPBS49F-PP1-SW01-0809	.01	1668A/Cl Biphen Cong		Water	970mL	yellow liquid
12	E0900678-002	CPBS49F-PP1-SW02-0809	.01	1668A/Cl Biphen Cong		Water	830mL	yellow liquid
13	E0900678-003	CPBS49F-PP1-SW02P-0809	.01	1668A/Cl Biphen Cong		Water	990mL	yellow liquid
14	E0900678-005	CPBS49F-EB01-081909	.01	1668A/Cl Biphen Cong		Water	900mL	clear colorless liquid
15	E0900678-006	CPBS49F-EB02-082009	.01	1668A/Cl Biphen Cong		Water	1100mL	clear colorless liquid
16	E0900678-007	CPBS49F-EB03-082009	.01	1668A/Cl Biphen Cong		Water	1100mL	clear colorless liquid
17	E0900678-008	CPBS49F-PP1-SW01-0809 (Diss)	.01	1668A/Cl Biphen Cong		Water	1050mL	clear colorless liquid
18	E0900678-009	CPBS49F-PP1-SW02-0809 (Diss)	.01	1668A/Cl Biphen Cong		Water	1000mL	clear colorless liquid
19	E0900678-010	CPBS49F-PP1-SW02P-0809 (Diss)	.01	1668A/Cl Biphen Cong		Water	1090mL	clear colorless liquid
20	E0900684-001	CPBS49F-EB04-082109	.01	1668A/Cl Biphen Cong		Water	1100mL	clear colorless liquid
21	EQ0900337-01	MB		1668A/Cl Biphen Cong		Liquid	1000mL	
22	EQ0900337-02	LCS		1668A/Cl Biphen Cong		Liquid	1000mL	
23	EQ0900337-03	BMI Supplied Water MS	.01	1668A/Cl Biphen Cong		Liquid	1060mL	
24	EQ0900337-04	BMI Supplied Water DMS	.01	1668A/Cl Biphen Cong		Liquid	970mL	

Preparation Information Benchsheet

Prep Run#: 93787 **Prep WorkFlow:** OrgExtAq(365) **Status:** Prepped
Team: Semivoa GCMS/AKODUR **Prep Method:** Method **Prep Date/Time:** 8/25/09 10:42 AM

Spiking Solutions

Name:	1668A Working Matrix Standard	Inventory ID	11825	Logbook Ref:	B2-44-4	Expires On:	08/14/2014

EQ0900337-02	1,000.00µL	EQ0900337-03	1,000.00µL	EQ0900337-04	1,000.00µL

Name:	1668A Labeled Working Standard	Inventory ID	11826	Logbook Ref:	B2-44-5	Expires On:	08/18/2014

E0900638-005	1,000.00µL	E0900644-001	1,000.00µL	E0900648-001	1,000.00µL	E0900648-002	1,000.00µL	E0900652-018	1,000.00µL	E0900652-019	1,000.00µL
E0900674-001	1,000.00µL	E0900674-002	1,000.00µL	E0900675-001	1,000.00µL	EQ0900337-01	1,000.00µL	EQ0900337-02	1,000.00µL	EQ0900337-03	1,000.00µL
EQ0900337-04	1,000.00µL										

Name:	1668A Clean Up Working Standard	Inventory ID	11940	Logbook Ref:	B2-45-5	Expires On:	08/26/2019

E0900638-005	100.00µL	E0900644-001	100.00µL	E0900648-001	100.00µL	E0900648-002	100.00µL	E0900652-018	100.00µL	E0900652-019	100.00µL
E0900674-001	100.00µL	E0900674-002	100.00µL	E0900675-001	100.00µL	E0900675-002	100.00µL	E0900678-001	100.00µL	E0900678-002	100.00µL
E0900678-003	100.00µL	E0900678-005	100.00µL	E0900678-006	100.00µL	E0900678-007	100.00µL	E0900678-008	100.00µL	E0900678-009	100.00µL
E0900678-010	100.00µL	E0900684-001	100.00µL	EQ0900337-01	100.00µL	EQ0900337-02	100.00µL	EQ0900337-03	100.00µL	EQ0900337-04	100.00µL

Name:	1668A Labeled Working Standard	Inventory ID	12054	Logbook Ref:	B2-45-4	Expires On:	08/25/2014

E0900675-002	1,000.00µL	E0900678-001	1,000.00µL	E0900678-002	1,000.00µL	E0900678-003	1,000.00µL	E0900678-005	1,000.00µL	E0900678-006	1,000.00µL
E0900678-007	1,000.00µL	E0900678-008	1,000.00µL	E0900678-009	1,000.00µL	E0900678-010	1,000.00µL	E0900684-001	1,000.00µL		

Preparation Materials

Acetone 99.5% Minimum	C2-16-007 (7199)	Glass Wool	C2-13-005 (7198)	Sulfuric Acid Reagent Grade H2SO4	C2-24-003 (9461)
Dichloromethane (Methylene Chloride) 99.9% MeCl2	C2-25-001 (9449)	Sodium Chloride Reagent Grade NaCl	C1-104-2 (3306)	Sodium Hydroxide Reagent Grade NaOH	C2-24-002 (9463)
Sodium Sulfate Anhydrous Reagent Grade Na2SO4	C2-19-006 (7201)	Hexane (n-Hexane) 98.5% Minimum	C2-25-004 (9441)	Nonane (n-Nonane) 99%	C2-21-004 (9457)
Silica Gel Reagent Grade	C2-20-001 (7196)	Toluene 99.9% Minimum	C2-25-003 (9446)		

Preparation Steps

Step:	Extraction	Step:	Acid Clean	Step:	Silica Gel Clean	Step:	Final Volume
Started:	8/25/09 10:42	*Started:*	9/1/09 08:00	*Started:*	9/1/09 12:00	*Started:*	9/5/09 10:00
Finished:	8/25/09 17:40	Finished:	9/1/09 08:00	Finished:	9/1/09 17:30	Finished:	9/5/09 11:00
By:	NBROWN	*By:*	NBROWN	*By:*	NBROWN	*By:*	NBROWN

Preparation Information Benchsheet

Prep Run#: 93787
Team: Semivoa GCMS/AKODUR

Prep WorkFlow: OrgExtAq(365)
Prep Method: Method

Status: Prepped
Prep Date/Time: 8/25/09 10:42 AM

Comments: _____

Reviewed By: Nicole Brown Date: 09/09/09

Chain of Custody

Relinquished By:		Date:		Extracts Examined
Received By:		Date:		Yes No

Sample Extract Chain of Custody

Batch ID	# of samples	Method	Date	Time	Extraction Analyst Initials	Instr. Analyst Initials	Recovery Standard I.D.	Spike Volume (in uL)
316	1	1668	9/1	740	ak	[illegible]	B2-46-2	2.0
326	1	1668	9/1	740	ak	[illegible]	L	1
323	2	1668	9/1	755	ak	[illegible]	B2-46-2	1
346	20	1613	9/1	11:10	CID	[illegible]	D10-69-4B	20
323	6	1668	9/1	1805	ak	[illegible]	B2-46-2	2.0 mL
~~334~~ 334	9	1613	9/2	10:55	CID	[illegible]	D10-69-4B	20
~~304~~ 304	8	TOS	9/2	10:55	CID	[illegible]	D10-47-1C	20
326	1	1668	9/2	1045	ak	[illegible]	B2-46-2	2.0
353	4	PAH	9/2	1135	ak	[illegible]	B2-95-1D	1.5 mL
345	20	8290	9/3	9:15AM	CID	[illegible]	D10-54-3A	20
308	7	1668	9/3	10:00	[illegible]	[illegible]	B2-46-2	2.0
351	5	8290	9/4	11:30	CID	[illegible]		
355	10	8290	9/4	11:30	CID	[illegible]	D10-54-3A	2.0 mL
336	4	8290	9/4	2:00	CID	[illegible]		
344	3	8290	9/4	2:00	CID	[illegible]	D10-54-3A	20
350	12	8290	9/4	2:00	CID	[illegible]	D10-54-3A	20
350	9	8290	9/5/09	1235	ak	[illegible]		
348	21	8290	9/5/09	1235	ak	[illegible]	D10-54-3A	2.0 mL
354	4	1613	9/5/09	1245	ak	[illegible]	D10-69-4B	2.0 mL
351	5	8290	9/5/09	1245	ak	[illegible]	D10-54-3A	2.0 mL
316	1	1668	9/5/09	1325	ak	[illegible]		
337	24	1668	9/5/09	1430	ak	[illegible]		
339	22	1668	9/7/09	1715	ak	[illegible]		
324	10	1668	9/7/09	1730	ak	[illegible]		
323	~~19~~	1668	9/7/09	1740	ak	[illegible]		
~~324~~	27	1668	9/7/09	1750	ak	[illegible]		

are marked

All sample extracts delivered by the extraction laboratory MUST be signed, upon delivery, by a member of the instrumentation team.

CDD/CDF
SAMPLE LOG-IN SHEET (DC-1)

Lab Name Columbia Analytical Services				Page 1 of 1
Received By (Print Name) Nicole Brown				Log-in Date 8/13/09
Received By (Signature) Nicole Brown				
Contract No. EP09W001490				TO No.
Case No. CB002		Sample Delivery Group No. C0115		

Remarks:		EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1. Custody Seal(s)	(Present)/Absent* (Intact)/Broken	C0115	40	E0900638-001	
2. Custody Seal Nos.		C0116	41	E0900638-002	
3. Chain of Custody Records	(Present)/Absent*	C0117	44	E0900638-003	
4. Traffic Reports or Packing Lists	1-565205597-081209-0003	C0118	45	E0900638-004	
5. Airbill	(Airbill)/Sticker (Present)/Absent*	C0119	48,49	E0900638-005	
6. Airbill No.	869275332138	C0120	52	E0900638-006	
7. Sample Tags	~~Present~~/Absent*	C0121	54	E0900638-007	
Sample Tag Numbers	Listed/Not Listed on Chain of Custody Record				
8. Sample Condition	~~Intact~~/Broken*/ Leaking				
9. Cooler Temperature	4 deg. C				
10. Does information on custody records and sample tags agree?	(Yes)/No*				
11. Date Received at Laboratory	8/13/09				
12. Time Received	0945				

Sample Transfer						
Fraction Final Extract	Fraction					
Area # Ext. - Inst. Lab	Area #					
By Arthi Kodur	By					
On 9/1-9/5/09	On					

* Contact TOPO and attach record of resolution.

Reviewed By Darren Biles	Logbook No. 2009
Date 12/2/09	Logbook Page No. 323, 337

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668 EPA
GC Method: 1668 EPA

Result File: D:\U\081948\D:\U\081916681
EDD File: D:\U\081916681F

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
08/17/09	13:37	U220165	EQ0900297-03	DLCS		DB		
	14:45	U220166	EQ0900293-02	LCS				
	15:53	U220167	↓ -03	DLCS				
↓	17:20	—	HRMS Check					
08/19/09	10:52	—	HRMS Check					
		U220168	Test					
	12:03	U220169	PCB 209 Injection B2-31-3					
	14:55	U220170	ICal CS1	B1-10-1A				
	16:38	U220171	Ical CS2	B1-10-1B				
	17:49	U220172	ICal CS3	B1-66-2				
	18:52	U220173	ICAL CS4	B1-10-1D				
	20:01	U220174	ICAL CS5	B1-10-1E				
↓	21:21	—	HRMS Check			↓		
08/20/09	11:24	—	HRMS Check					
	11:26	U220175	PCB 209 Injection B2-31-3					
↓	12:46	U220176	Test			↓		

Reviewed by: MC

D: U910191668IC
D: U910191668IF
D: U910191668ID

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668 EPA
GC Method: 1668 EPA

Result File:
EDD File: 1

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/16/09	18:23	U22 1006	PCB 209 Injection	B2-31-3		KC		
	19:27	U22 1007	Inst Blank (Test A)					
	20:35	U22 1008	E0900738-004DL	MAU3-15			1:15	
	21:44	U22 1009	E0900638-001	C0115				
	22:52	U22 1010	" -003	C0117			Needs Re-injection	
10/17/09	00:00	U22 1011	CARLOS 1668	SOLID1				
	01:08	U22 1012	CARLOS 1668	SOLID2				
	02:16	U22 1013	CARLOS 1668	SOLID3				
	03:24	U22 1014	CARLOS 1668	SOLID4				
	04:44	———	HRMS Check					
10/19/09	10:45	———	HRMS CHECK					
	10:47	U221015	PCB 209 INJECTION	B2-31-3				
	12:41	U221016	ICAL CS1	B1-10-1A				
	13:46	U221017	ICAL CS2	B1-10-1B				
	~~14:56~~ 14:57	U221018	ICAL CS3	B2-26-1				
	16:08	U221019	ICAL CS4	B1-10-1D				

Reviewed by: MC
10/20/09

969 of 2427

969

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Acq Method: 1668EPA Result File: _____

GC Method: 1668EPA EDD File: _____

Columbia Analytical Services inc.

An Employee Owned Company

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/19/09	17:18	U221020	ICAL C55	B1-10-1E		JE		
	18:32	———	HRMS CHECK					
	18:35	U221021	1668 CS6	B2-59-4				
	19:50	———	HRMS CHECK					
10/20/09	08:13	———	HRMS CHECK			JE		
		U221022	PCB 209 INJECTION	B2-31-3				
		U221023	CCAL C53	B1-66-3				
		U221024	EQ09C0415-02LCS					
		U221025	-03LCS					
		U221026	-01MB					
		U221027	EQ09C0856-013					
		U221028	EQ09C0871-001					
		U221029	CCAL C53	B1-66-2				
	18:43	———	HRMS CHECK					
		U221030	PCB 209 INJECTION	B2-31-3				
		U221031	EQ09C0415-01MB					

Reviewed by: JE

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Acq Method: 1668EPA Result File: E:\U133528RES/CAL

GC Method: 1668EPA EDD File: _____

Columbia Analytical Services inc.

An Employee Owned Company

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/20/09		U133525	EQ9100415-01MB					
		U133526	RQ9041370-001					
		U133527	LQ9041370-002					
	17:08	U133528	CCAL CS3	BL-66-2				
	18:33	———	HRMS CHECK					
	18:35	U133529	PCB 209 INJECTION	BZ-31-3				
	19:38	U133530	INST. BLANK (TEST 2A)					
	20:46	U133531	EQ9100736-005DL	MAU1-25			1:100	
	21:54	U133532	-006DL	MAU1-26			1:100	
	23:02	U133533	-007DL	MAU1-27			1:100	
10/21/09	00:10	U133534	-010DL	MAU2-2			1:100	
	01:19	U133535	-011DL	MAU2-3			1:100	
	02:27	U133536	-012DL	MAU2-4			1:10	
	03:35	U133537	EQ9100871-010	CO259				
	04:43	U133538	EQ9100638-003	CO117				
	06:20	———	HRMS CHECK					

Reviewed by: MC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA

Result File: C:\U220290\RES\CAL
~~EDD File:~~ E:\U220295CAL\RES

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
09/02/09	04:28	U220287	KQ907600-009	SURFACE03B-090715	EQ326	KL		
	05:36	U220288	KQ907600-010	SURFACE04-090715		JL		
	07:01	———	HLMS CHECK					
	09:16	———	HLMS CHECK					
	09:19	U220289	PCB 209 INJECTION	B2-31-3				
	10:22	U220290	CCAL C53	B1-66-2				
	11:30	U220291	EQ090303-03NS		EQ323			
	12:38	U220292	EQ090306-09NS		EQ			
	13:46	U220293	EQ090306-03DS					
	15:49	U220294	EQ090303-09DS					
	17:13	U220295	CCAL C53	~~B1-66-2~~			B1-66-2 09/03/09	
	18:39	———	HLMS CHECK					
	18:41	U220296	PCB 209 INJECTION	B2-31-3				
	19:46	U220297	EQ090303-04B	METHOD BLANK				
	20:54	U220298	KQ907600-001DL	SCL-IA06			1:2000	
	22:02	U220299	KQ907600-003DL	SCL-IA09			1:2000	

Reviewed by: MC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services, Inc. An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA

Result File:
EDD File: E:\U220295CA\RES

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
09/09/09		U220287	KQ907600-CCG					
		U220288	KQ907600-CIC					
	07:01	———	HRMS CHECK					
	09:16	———	HRMS CHECK					
		U220289	PCB 209 INJECTION	B2-31-3				
		U220290	CCAL C53	B1-66-2				
		U220291	EQ0900303-03MB					
		U220292	EQ0900306-03MB					
		U220293	EQ0900326-03MB					
		U220294	EQ0900323-03MB					
	17:13	U220295	CCAL C53	~~B1-66-2~~			B1-66-2 09/03/09	
	18:39	———	HRMS CHECK					
	18:41	U220296	PCB 209 INJECTION	B2-31-3				
	19:46	U220297	EQ0900323-04MB	METHOD BLANK				
	20:54	U220298	KQ907600-001DL	SCL-IA06			1:2000	
	22:02	U220299	KQ907600-003DL	SCL-IA09			1:2000	

Reviewed by: MC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA
Result File:
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
07/02/08	23:10	U220300	K0907600-004IL	SCL-IA10			1:2000	
07/03/08	00:18	U220301	-005IL	SCL-IA21			1:500	
	01:26	U220302	-006IL	Surface01-090715			1:100	
	02:34	U220303	-007IL	Surface02-090715			1:100	
	03:42	U220304	-008IL	Surface03-090715			1:100	
	06:15	—	HRMS CHECK			JB		
		U220305	PCB 209 INJECTION	B2-31-3				

Reviewed by: MC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA
Result File: C: U220342RES/CAL
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
09/05/09	04:10	U220341	EQ900591-007			KZ	NEEDS RE-INJECTED	
	05:30		HRMS CHECK					
09/06/09	07:31		HRMS CHECK					
	07:34	U220342	CCAL CS3	B1-66-2				
			HRMS CHECK					
	08:52	U220343	PCB 209 INJECTION	B2-31-3				
	10:13	U220344	EQ0900337-01MB	METHOD BLANK	EQ337			
	11:24	U220345	R0904512-026	EB081109-SO	EQ316			
	12:27	U220346	EQ900638-005	C0119	EQ337			
	13:35	U220347	EQ900591-003	C0102	EQ308			
	14:43	U220348	-004	C0103				
	15:51	U220349	-005	C0104				
	16:59	U220350	-006	C0105				
	18:07	U220351	-007	C0106				
	19:28		HRMS CHECK					
09/08/09	07:24		HRMS CHECK			JB		

Reviewed by: Lee

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HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services, Inc. An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA

Result File: E:\U220353\RES\CAL
EDD File: E:\U220361\RES\CAL

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
01/08/09	07:30	U220352	PCB 209 INJECTION	B2-31-3		[illegible]		
	08:26	U220353	CCAL CS3	B1-66-2				
	10:07	U220354	EQ0900337-01MB	METHOD BLANK				
	11:23	U220355	RQ0904279-013	—			DO NOT PROCESS; NEEDS RE-EXTRACTED	
	12:11	U220356	RQ0904279-013	—			" " " "	
	12:44	U220357	EQ900618-001	BMI Supplied Water				
	13:47	U220358	EQ900618-000	Duplicate				
	14:55	U220359	EQ900337-03MS	BMI Supplied Water MS				
	16:03	U220360	EQ900337-04MSD	BMI Supplied Water DMS				
	17:19	U220361	CCAL CS3	B1-66-2				
	18:36	—	HRMS CHECK					
	18:38	U220362	PCB 209 INJECTION	B2-31-3				
	19:42	U220363	EQ900337-01MB	METHOD BLANK				
	20:50	U220364	EQ900652-018	C0133				
	21:58	U220365	EQ900652-019	C0139				
	23:06	U220366	EQ900674-001	RQ0904223-DI Extract Blank				

Reviewed by: [illegible]

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA

Result File:
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
09/08/09	00:14	U220367	E0900674-002	R0904223-SPLP Extract Blank		JB		
	01:22	U220368	E0900675-001	R0904370-DI Extract Blank				
	02:30	U220369	E0900675-002	R0904370-SPLP Extract Blank				
	03:38	U220370	E0900644-001	SP-5				
	04:46	U220371	EQ0900337-01LCS	LCS				
	06:18	———	HRMS CHECK			JB		
	06:27	U220372	PCB 209 INJECTION	B2-31-3			NEEDS RE-INJECTED	

Reviewed by: MC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.

An Employee Owned Company

Acq Method: 1668EPA

GC Method: 1668EPA

Result File: C:\U220374 C41/RES: U220379 RESCAL

EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
09/09/09	00:14	U220367	EQ900674-002	R0904223-SPLP Extract Blank				
	01:22	U220368	EQ900675-001	R0904370-DI Extract Blank				
	02:30	U220369	EQ900675-002	R0904370-SPLP Extract Blank				
	03:38	U220370	EQ900644-001	SP-5				
	04:46	U220371	EQ0900337-02	LCS				
	06:18	—	HRMS CHECK					
	06:27	U220372	PCB 209 INJECTION	B2-31-3			NEEDS RE-INJECTED	
	8:47	—	HRMS check					
	08:50	U220373	PCB 209 Injection B2-31-3					
	09:53	U220374	CCal CS3	B1-66-2				
	11:31	U220375	EQ0900337-01	MB METHOD BLANK EQ337				
	12:35	U220376	EQ900678-001	CPB549F-PP1-SW01-0809				
	13:40	U220377	-002		SW02			
	14:51	U220378	-003		SW02P			
	17:15	U220379	CCal CS3	B1-66-2				
	19:00	—	HRMS Check					

Reviewed by: MC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Acq Method: 1668EPA
GC Method: 1668EPA

Result File:
EDD File: D:U220819CAL/RES

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/05/09	17:21	U220837	eCal CS3	B1-66-2		[illegible]		
↓	18:41	—	HRMS Check			↓		
	18:50	U220838	PCB 209 Injection	B2-31-3				
		U220839	EQ0900389-01	MB				
		U220840	E0900738-006					
		U220841	-007					
↓	23:18	U220842	-008					
10/06/09	00:26	U220843	-009					
		U220844	-010					
		U220845	↓ -011					
		U220846	E0900652-014					
	04:59	U220847	-020			↓		
	06:30	—	HRMS check			[illegible]		
	06:41	U220848	PCB 209 INJECTION	B2-31-3				
	07:54	U220849	CCAL CS3	B1-66-2				
↓	09:24	U220850	INST BLANK (HEATED TEST 3)			↓		

Reviewed by: [signature]

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA

Result File: /
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/06/09	10:27	U220851	INST. BLANK (HEATED TEST 4)			JB		
	11:37	U220852	K0907693-011	SG-010-SD030-N	EQ357			
	12:43	U220853	EQ900638-001	CD118	EQ323			
	13:52	U220854	EQ900638-007	CD121	EQ323			
	15:35	U220855	EQ900652-009	CD130	EQ326			
		U220856	CCAL CS3	B1-66-2		JC		
	18:15	—	HRMS CHECK					
		U220857	PCB 209 INJECTION	B2-31-3				
		U220858	EQ0900389-AMB					
		U220859	EQ900652-010					
		U220860	-012					
		U220861	-015					
		U220862	-016					
10/07/09		U220863	EQ900638-002					
		U220864	EQ900652-004					
		U220865	EQ900652-005					

Reviewed by: JC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services, Inc.
An Employee Owned Company

Acq Method: 1668EFA
GC Method: 1668EFA

Result File: U220856RES
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/06/09	10:27	U220851	INST BLANK (NOTE: TEST 4)			JB		
	11:37	U220852	K0907693-011	16-010-SD030-N	EQ357			
	12:43	U220853	EQ900638-004	C0118	EQ323			
	13:52	U220854	EQ900638-007	C0121	EQ323			
	15:35	U220855	EQ900652-009	C0130	EQ326			
	16:56	U220856	CCAL C53	B1-662		KC		
	18:15	———	HRMS CHECK					
	18:16	U220857	PCB 209 INJECTION	B2-31-3				
	19:21	U220858	EQ900389-BMB	METHOD BLANK				
	20:29	U220859	EQ900652-010	C0132	EQ326			
	21:37	U220860	-012	C0135				
	22:45	U220861	-015	C0138				
	23:53	U220862	-016	C0140				
10/07/09	01:02	U220863	EQ900638-003	C0116	EQ323			
	02:10	U220864	EQ900652-004	C0125				
	03:18	U220865	EQ900652-005	C0126				

Reviewed by: GC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services, Inc.
An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA

Result File: E:\U220868RES/CAL
EDD File: _____

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/07/09	04:26	U220866	EQ900652-001	C0122	EQ323	KE		
	05:58	———	HRMS CHECK					
	06:07	U220867	PCB 209 INJECTION	B2-31-3				
	07:19	U220868	CCAL CS3	B1-66-2				
	09:29	U220869	EQ0900389-01	MB				
	10:32	U220870	EQ900638-003	C0117				
	11:40	U220871	↓ -001	C0115				
	13:15	U220872	Test A					
	14:18	U220873	Test A Dup					
	15:20	U220874	Test B					
	16:53	U220875	CCal CS3	B1-66-2		KE		
	18:13	———	HRMS Check					
	18:15	U220876	PCB 209 Injection	B2-31-3				
		U220877	CCal CS3					
		U220878	Inst Blank (Test B Dup)					
✓	21:35	U220879	EQ900735-006	DL		K		

Reviewed by: MC

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HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Acq Method: 1668EPA
GC Method: 1668EPA

Result File: E:U220868RES/CAL
EDD File: D:U220877CAL/RES

Columbia Analytical Services, Inc.
An Employee Owned Company

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/01/09	04:26	U220866	EQ900652-001	C0122		KE		
	05:58	———	HRMS CHECK			CB		
	06:07	U220867	PCB 209 INJECTION	B2-31-3				
	07:19	U220868	CCAL CS3	B1-66-2				
	09:29	U220869	EQ0900389-01MB					
	10:32	U220870	EQ900638-003	C0117				
	11:40	U220871	↓ -001	C0115				
	13:15	U220872	Test A					
	14:18	U220873	Test A Dup					
	15:20	U220874	Test B					
	16:53	U220875	CCal CS3	B1-66-2		KE		
	18:13	———	HRMS Check					
	18:15	U220876	PCB 209 Injection	B2-31-3				
	19:19	U220877	CCal CS3	B1-66-2				
	20:27	U220878	Inst Blank (Test B Dup)					
✓	21:35	U220879	EQ900735-006 DL	MAUI-6	EQ325			

Reviewed by: MC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668 EPA
GC Method: 1668 EPA

Result File:
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/07/09	22:43	U220880	EQ900735-01	1DL MAUI-14 D	EQ365	JC	1:20	
↓	23:51	U220881	↓	-01 5DL MAUI-15 D	EQ365		1:10	
10/08/09	00:59	U220882	EQ900638-006	CQ120	EQ323			
	02:07	U220883	EQ900652-011	CQ134	EQ326			
	03:16	U220884	↓	-002	CQ123	EQ323		
↓	04:24	U220885	↓	-007	CQ128	EQ323		
↓	05:58	↓	HRMS Check			JC		
		U220886	PCB 209 INJECTION	B2-31-3				
		U220887	CCAL C53	B1-66-2				
		U220888	INST. BLANK (TOLUENE)					
		U220889	EQ900735-01DL				~~1:10~~ 1:50 10/9/09	
		U220890	EQ900591-002DL				1:100	
		U220891	↓	-003DL			1:5	
		U220892	↓	-007DL			1:10	
		U220893	EQ900731-005DL				1:15	
↓		U220894	EQ900737-006DL			↓	1:20	

Reviewed by: JC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA

Result File: E:U220966RES/CAL
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/14/09	15:52	U220965	E0900737-004DL	MAU2-16 DL	EQ381	[illegible]	1:70	
	17:11	—	HRMS CHECK					
	17:13	U220966	CCAL CS3	B1-662				
	18:24	—	HRMS CHECK					
	18:29	U220967	PCB 209 INJECTION	B2-31-3				
	19:32	U220968	INST BLANK (TEST 1A)					
	20:40	U220969	INST BLANK (TEST 2A)					
	21:48	U220970	E0900638-001DL	C0115			1:10	
	22:56	U220971	-003DL	C0117			1:5	
10/15/09	00:04	U220972	-007DL	C0121			1:25	
	01:12	U220973	E0900652-009DL	C0130			1:5	
	02:20	U220974	E0900736-018DL	MAU2-10			1:50	
	03:29	U220975	E0900736-019DL	MAU2-11			1:10	
	04:37	U220976	E0900735-003DL	MAU1-3			1:10	
	06:06	—	HRMS CHECK			[illegible]		
		U220977	PCB 209 INJECTION	B2-31-3				

Reviewed by: [illegible]

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084 MC 10/19/09

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA
Result File: ~~E:U220~~ E:U221005REFAL
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/16/09	00:02	~~U220992~~	CARLOS SOLID 1			JR	Don't process. Being reinjected JR 10/16/09	
		~~U220993~~	2					
		~~U220994~~	3					
		~~U220995~~	4					
		~~U220996~~	EC 1668 SOLID 1					
	07:00	—	HRMS CHECK					
	07:39	U220997	PCB 209 Injection	B2-31-3				
		U220998	CCal CS3	B1-66-2				
		U220999	Inst. Blank (Test A)					
		U221000	E0900652-003DL				1:10	
		U221001	-013 DL				1:5	
		U221002	-007 DL				1:50	
		U221003	E0900591-001DL				1:100	
		U221004	-002 DL				1:250	
	17:08	U221005	CCal CS3	B1-66-2				
	18:20	—	HRMS Check					

Reviewed by: MC

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HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668 EPA
GC Method: 1668 EPA

Result File:
EDD File: /

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/16/09	18:23	U221006	PCB 209 Injection					
	19:27	U221007	Inst Blank (Test A)					
	20:35	U221008	E0900738-004DL	MAU3-15			1:15	
	21:44	U221009	E0900638-001	C0115				
	22:52	U221010	-003	C0117			Needs Re-injection	
10/17/09	00:00	U221011	CARLOS 1668	SOLID1				
	01:08	U221012	CARLOS 1668	SOLID2				
	02:16	U221013	CARLOS 1668	SOLID3				
	03:24	U221014	CARLOS 1668	SOLID4				
	04:44	———	HRMS Check					

Reviewed by: MC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668 EPA
GC Method: 1668 EPA

Result File: E:U221048RES/CAL
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/21/09	15:31	U221047	EQ0900428-03	DLCS		MC		
	17:00	U221048	cCal CS3	B1-66-2				
	18:12	—	HRMS Check					
	18:14	U221049	PCB 209 Injection	B2-31-3				
	19:17	U221050	EQ0900428-01	MB METHOD BLANK				
	20:25	U221051	KQ908767-001	SDV01SC3A				
	21:33	U221052	-002	SDV02SC3				
	22:41	U221053	-003	SDV03SC4				
	23:49	U221054	KQ908856-006	SDV1TX3A				
10/22/09	00:57	U221055	EQ900865-003	XOAJ8				
	02:05	U221056	-004	XOAJ9				
	03:13	U221057	EQ900421-02	LCS				
	04:21	U221058	-03	DLCS				
	05:42	—	HRMS Check					
10/22/09	09:29	—	HRMS check					
	09:36	U221059	PCB 209 Injution	B2-31-3				

Reviewed by: MC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services, Inc.
An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668 EPA
Result File: E:\U221060RES/CAL
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/22/09	10:41	U221060	CCal CS3	BL-66-2		KZ		
	14:01	U221061	EQ0900421-01	MB METHOD BLANK				
	15:06	U221062	EQ0900422-01	MB METHOD BLANK				
	16:14	U221003	EQ0900638-004	DL C0118				
	17:22	U221064	EQ0900736-003	RE MAU1-23				
	18:33	—	HRMS Check					
	18:39	U221065	~~EQ0900422-03~~	LCS			EQ0900422-02	
	19:43	U221066	~~EQ0900422-04~~	DLCS			EQ0900422-03	
	21:03	—	HRMS Check					
10/23/09	17:27	—	HRMS Check					
	17:30	U221067	PCB 209 Injection					
		U221068	CCal CS3					
		U221069	EQ0900427-01	MB				
		U221070	KQ0908791-001					
		U221071	↓ -002					
	23:05	U221072	EQ0900870-001					

MC 10/28/09

Reviewed by: MC

HRGC/HRMS RUN LOG

CAS HOUSTON 19408 Park Row, Suite 320 Houston, TX 77084

Columbia Analytical Services inc.
An Employee Owned Company

Acq Method: 1668EPA
GC Method: 1668EPA
Result File: EU221157RESCAL
EDD File:

Date	Time	File	CAS ID	Client ID	Batch #	Analyst	Comments	RE
10/30/09		U221154	EQ900856-001RE			JB		
		U221155	EQ0900136-02LCS					
	17:40	—	HRMS CHECK			JB		
	17:45	U221156	PCB 209 INJECTION	B2-31-3				
	18:49	U221157	CCAL CS3	B1-66-2				
	19:57	U221158	EQ0900136-01MB	METHOD BLANK				
	21:05	U221159	EQ900638-006RL	CO120			1:20	
	22:13	U221160	EQ900736-008RL	MAUI-28			1:20	
↓	23:21	U221161	EQ0900136-03LCS	DLCS				
10/31/09	00:29	U221162	1668 LOQ LCS 18					
	01:37	U221163	1668 LOD LCS 19					
	02:45	U221164	1668 LOD SM 20					
↓	03:53	U221165	1668 LOD LCS 21					
	05:34	—	HRMS CHECK			↓		
11/1/09	10:14	—	HRMS check			VC		
↓	10:17	U221166	PCB 209 Injection B2-31-3			↓		

Reviewed by: *[signature]*

Client: US Environmental Protection Agency
Project: Region 1 PCBs/CB002
Sample Matrix: Soil

Service Request: E0900638
Date Analyzed: 9/ 2/09

Lab Control Sample Summary
Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: *1668A*
Prep Method: Method

Units: *ng/Kg*
Basis: Dry

Extraction Lot: 93633

Analyte Name	Lab Control Sample EQ0900323-02 Result	Expected	% Rec		Duplicate Lab Control Sample EQ0900323-03 Result	Expected	% Rec		% Rec Limits	RPD	RPD Limit
PCB 1	**197**	200	99		**188**	200	94		50 - 150	5	50
PCB 3	**209**	200	104		**196**	200	98		50 - 150	6	50
PCB 4	**230**	200	115		**207**	200	104		50 - 150	10	50
PCB 15	**197**	200	98		**203**	200	102		50 - 150	4	50
PCB 19	**208**	200	104		**190**	200	95		50 - 150	9	50
PCB 37	**202**	200	101		**196**	200	98		50 - 150	3	50
PCB 54	**209**	200	105		**199**	200	100		50 - 150	5	50
PCB 81	**197**	200	99		**189**	200	94		50 - 150	5	50
PCB 77	**211**	200	106		**212**	200	106		50 - 150	0	50
PCB 104	**199**	200	99		**199**	200	99		50 - 150	0	50
PCB 123	**196**	200	98		**205**	200	102		50 - 150	4	50
PCB 118	**327**	200	164	*	**422**	200	211	*	50 - 150	25	50
PCB 114	**198**	200	99		**199**	200	99		50 - 150	0	50
PCB 105	**257**	200	129		**296**	200	148		50 - 150	14	50
PCB 126	**186**	200	93		**180**	200	90		50 - 150	3	50
PCB 155	**211**	200	105		**206**	200	103		50 - 150	2	50
PCB 167	**201**	200	101		**201**	200	100		50 - 150	1	50
PCBs 156 + 157	**420**	400	105		**432**	400	108		50 - 150	3	50
PCB 169	**202**	200	101		**195**	200	98		50 - 150	3	50
PCB 188	**207**	200	103		**194**	200	97		50 - 150	6	50
PCB 189	**218**	200	109		**207**	200	104		50 - 150	5	50
PCB 202	**211**	200	106		**216**	200	108		50 - 150	2	50
PCB 205	**208**	200	104		**199**	200	100		50 - 150	4	50
PCB 208	**218**	200	109		**211**	200	106		50 - 150	3	50
PCB 206	**254**	200	127		**248**	200	124		50 - 150	2	50
PCB 209	**201**	200	101		**205**	200	102		50 - 150	1	50

Comments:

Client: US Environmental Protection Agency
Project: Region 1 PCBs/CB002
Sample Matrix: Water

Service Request: E0900638
Date Analyzed: 9/ 9/09

Lab Control Sample Summary
Chlorinated Biphenyl Congeners by HRGC/HRMS

Analytical Method: 1668A
Prep Method: Method

Units: pg/L
Basis: NA

Extraction Lot: 93787

Analyte Name	Lab Control Sample EQ0900337-02 Result	Expected	% Rec	% Rec Limits
PCB 1	**1090**	1000	109	50 - 150
PCB 3	**1150**	1000	115	50 - 150
PCB 4	**1110**	1000	111	50 - 150
PCB 15	**1120**	1000	112	50 - 150
PCB 19	**1110**	1000	111	50 - 150
PCB 37	**1130**	1000	113	50 - 150
PCB 54	**1130**	1000	113	50 - 150
PCB 81	**1060**	1000	106	50 - 150
PCB 77	**1110**	1000	111	50 - 150
PCB 104	**1240**	1000	124	50 - 150
PCB 123	**1040**	1000	104	50 - 150
PCB 118	**1250**	1000	125	50 - 150
PCB 114	**1060**	1000	106	50 - 150
PCB 105	**1200**	1000	120	50 - 150
PCB 126	**1020**	1000	102	50 - 150
PCB 155	**1270**	1000	127	50 - 150
PCB 167	**1010**	1000	101	50 - 150
PCBs 156 + 157	**2100**	2000	105	50 - 150
PCB 169	**1100**	1000	110	50 - 150
PCB 188	**1120**	1000	112	50 - 150
PCB 189	**1100**	1000	110	50 - 150
PCB 202	**1100**	1000	110	50 - 150
PCB 205	**1070**	1000	107	50 - 150
PCB 208	**1100**	1000	110	50 - 150
PCB 206	**1150**	1000	115	50 - 150
PCB 209	**1000**	1000	100	50 - 150

Comments:

METHOD 1668A
DILUTED COMBINED 209 CONGENER SOLUTION (DCCS-209)

CLIENT ID	
DCCS-209	CPS01

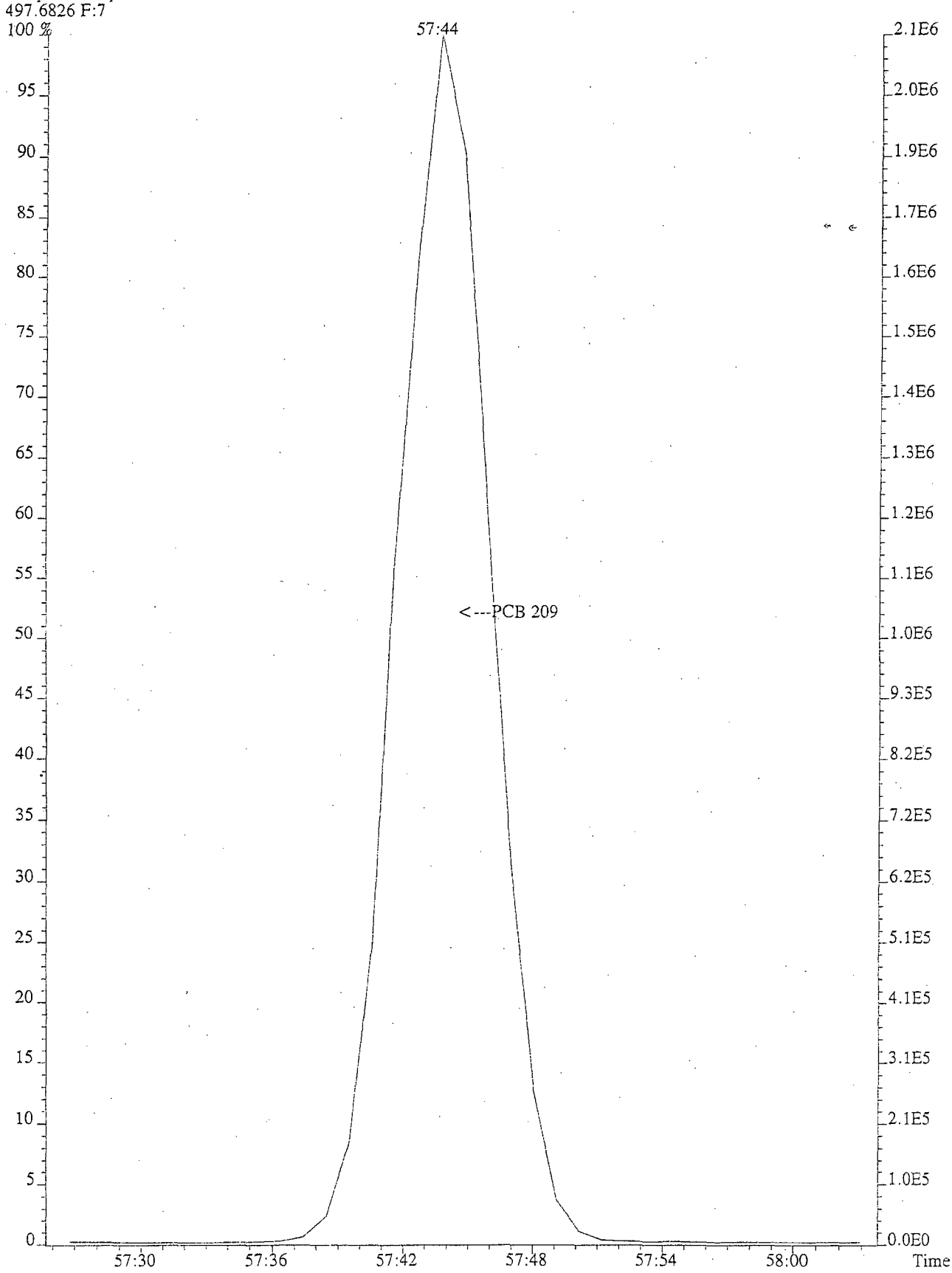
Lab Name: COLUMBIA ANALYTICAL SERVICES
Lab Code: CAS TX01411
GC Column: SPB-Octyl

SDG No.:	C0115
Lab File ID:	U133063
Date Analyzed:	09/14/09
Time Analyzed:	12:46:27

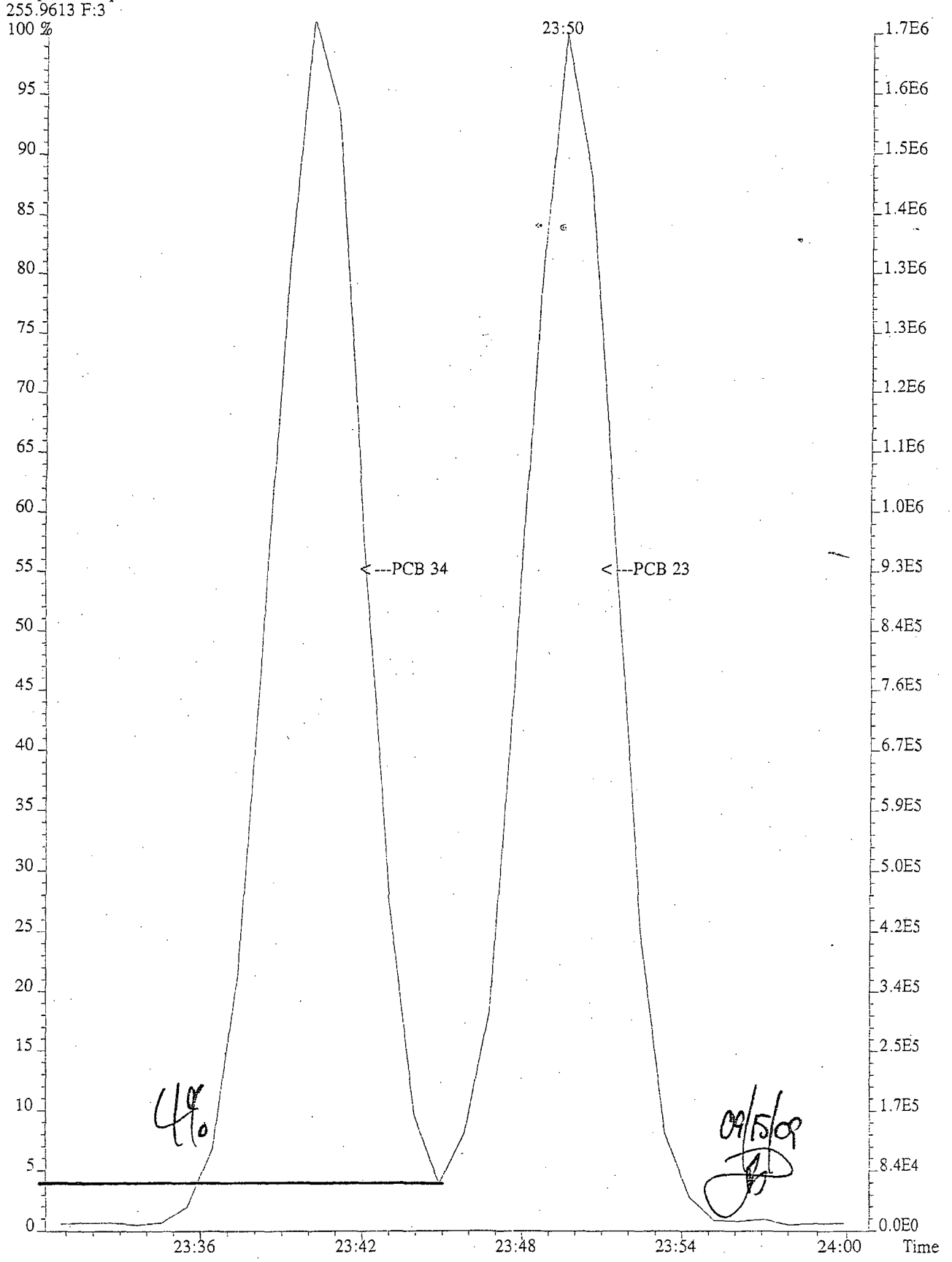
Retention time for PCB 209:	57:44	min.	(>55 min.)
%Valley between PCB 34 and PCB 23:	4%	%	(<40%)
%Valley between PCB 187 and PCB 182:	1.5%	%	(<40%)
Seconds of coelution between PCB 156 and PCB 15	0	sec.	(<2 sec.)

Reference: Section 6.9.1.1 Method 1668A with corrections and changes through August 30, 2003.

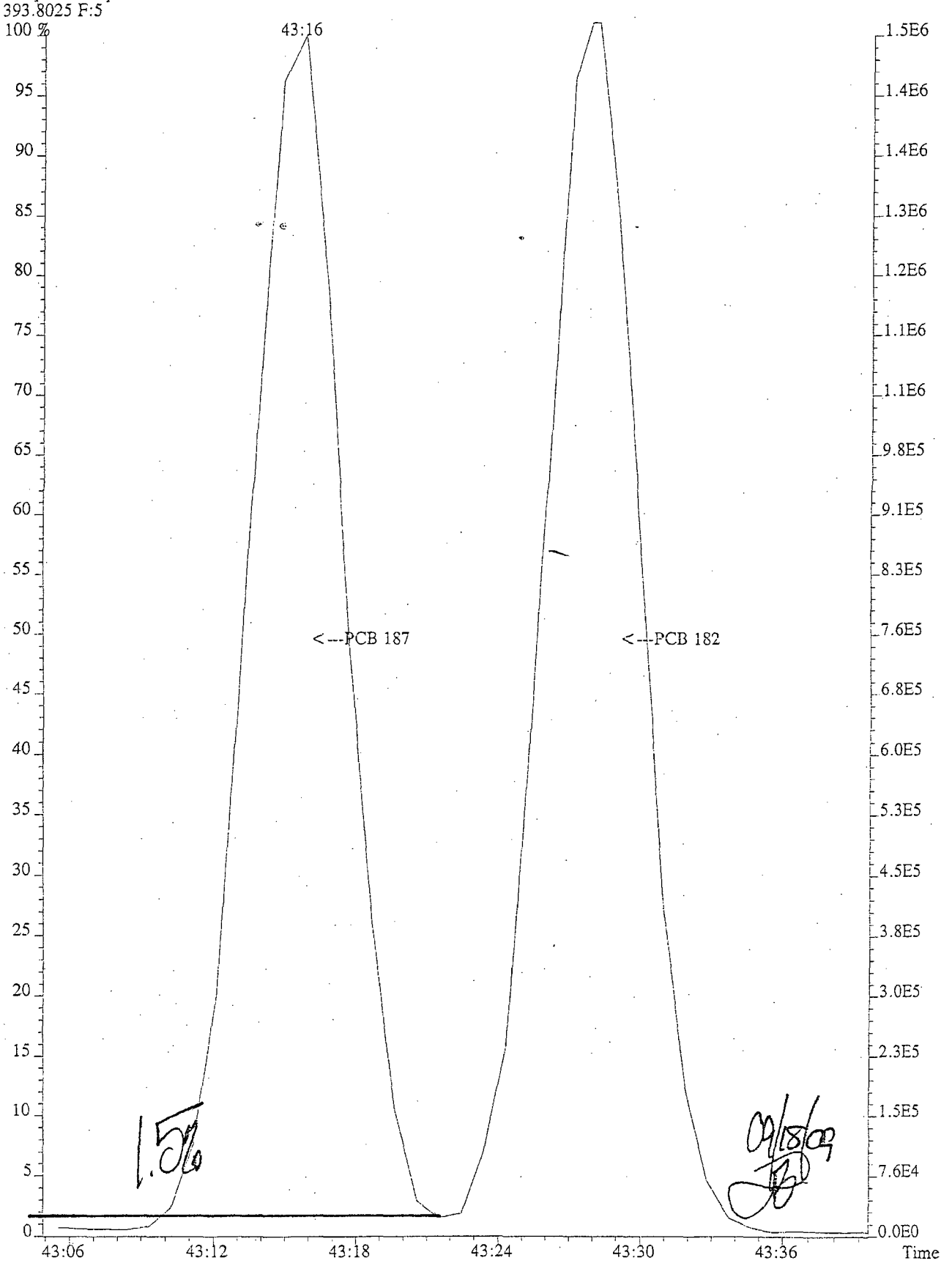
File:U133063 #1-308 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
497.6826 F:7



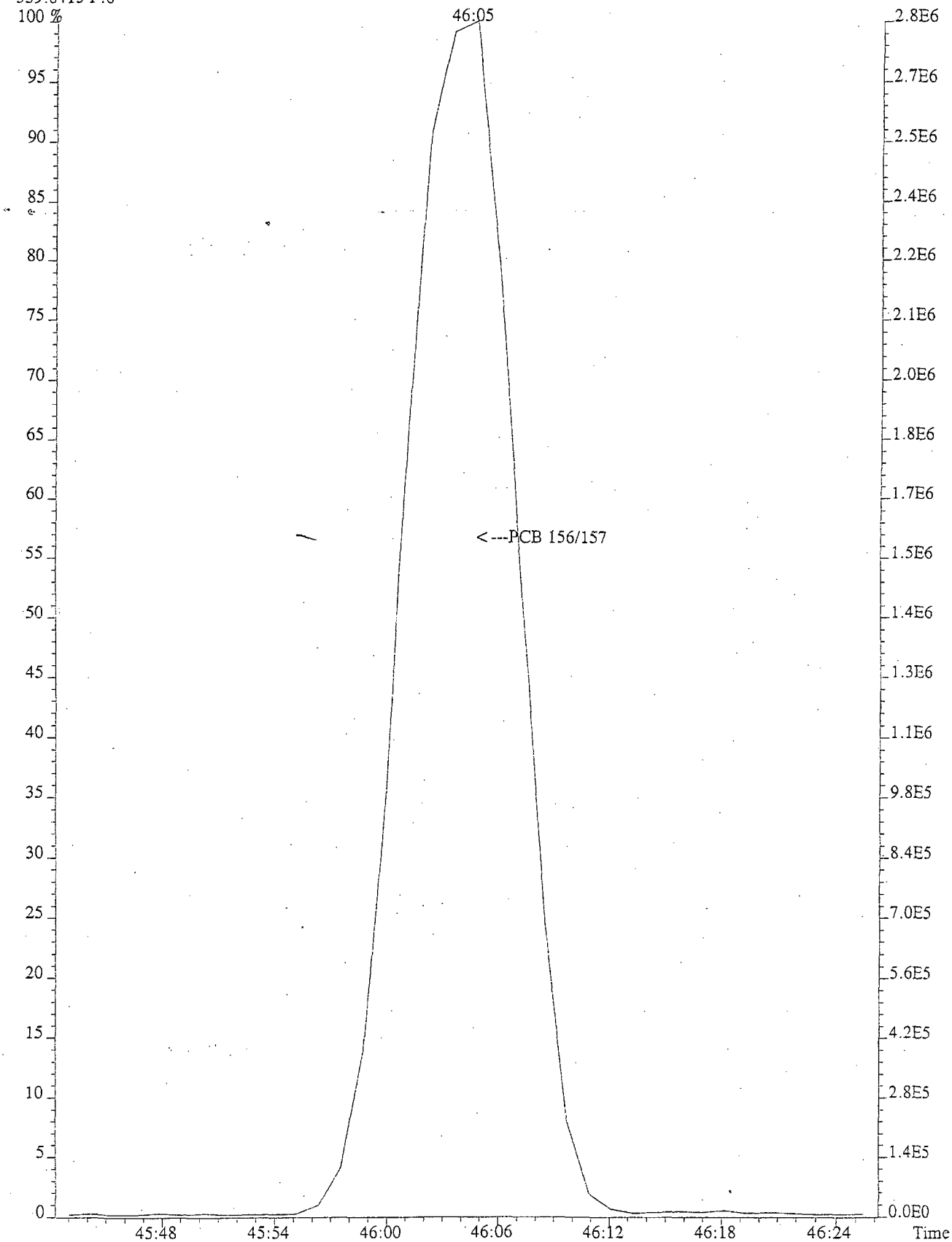
File:U133063 #1-603 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
255.9613 F:3



File:U133063 #1-398 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
393.8025 F:5



File:U133063 #1-579 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
359.8415 F:6



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
PCB 209 INJEC

Run #1 Filename U133063 Samp: 1 Inj: 1 Acquired: 14-SEP-09 12:46:27
Processed: 15-SEP-09 11:51:23 Sample ID: PCB 209 INJECTION

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet		Mod?	RRT
1	1	PCB-1	13:17	1.201e+04	3.844e+03	3.12	y	n	1.001
2	1	PCB-2	15:22	1.287e+04	4.091e+03	3.14	y	n	0.989
3	1	PCB-3	15:33	1.243e+04	3.919e+03	3.17	y	n	1.001
4	1	PCB-4	15:49	6.675e+03	4.154e+03	1.61	y	n	1.001
5	1	PCB-10	16:00	1.077e+04	6.665e+03	1.62	y	n	1.013
6	2	PCB-9	17:53	8.062e+03	5.254e+03	1.53	y	n	1.132
7	2	PCB-7	18:03	7.908e+03	5.005e+03	1.58	y	n	1.142
8	2	PCB-6	18:17	7.990e+03	5.225e+03	1.53	y	n	1.157
9	2	PCB-5	18:37	7.245e+03	4.623e+03	1.57	y	n	1.178
10	2	PCB-8	18:44	8.687e+03	5.671e+03	1.53	y	n	1.186
11	2	PCB-14	20:24	8.359e+03	5.414e+03	1.54	y	n	0.933
12	2	PCB-11	21:16	8.092e+03	5.192e+03	1.56	y	n	0.973
13	2	PCB-12/13	21:35	1.603e+04	1.018e+04	1.57	y	n	0.987
14	2	PCB-15	21:55	8.249e+03	5.278e+03	1.56	y	n	1.002
15	2	PCB-19	19:03	4.231e+03	4.133e+03	1.02	y	n	1.001
16	2	PCB-18/30	20:57	1.156e+04	1.117e+04	1.04	y	n	1.101
17	2	PCB-17	21:23	4.839e+03	4.631e+03	1.04	y	n	1.123
18	2	PCB-27	21:36	6.755e+03	6.622e+03	1.02	y	n	1.135
19	2	PCB-24	21:45	6.207e+03	6.157e+03	1.01	y	n	1.143
20	2	PCB-16	21:51	3.918e+03	3.831e+03	1.02	y	n	1.148
21	2	PCB-32	22:23	7.144e+03	6.949e+03	1.03	y	n	1.176
22	3	PCB-34	23:40	7.473e+03	7.326e+03	1.02	y	n	1.243
23	3	PCB-23	23:50	7.208e+03	6.823e+03	1.06	y	n	1.252
24	3	PCB-26/29	24:09	1.572e+04	1.484e+04	1.06	y	n	1.269
25	3	PCB-25	24:22	8.266e+03	8.004e+03	1.03	y	n	0.840
26	3	PCB-31	24:41	8.183e+03	7.825e+03	1.05	y	n	0.851
27	3	PCB-20/28	25:01	1.517e+04	1.454e+04	1.04	y	n	0.862
28	3	PCB-21/33	25:11	1.536e+04	1.472e+04	1.04	y	n	0.868
29	3	PCB-22	25:38	7.298e+03	6.985e+03	1.04	y	n	0.883
30	3	PCB-36	27:13	8.356e+03	7.958e+03	1.05	y	n	0.938
31	3	PCB-39	27:35	7.707e+03	7.490e+03	1.03	y	n	0.951
32	3	PCB-38	28:10	7.526e+03	7.174e+03	1.05	y	n	0.971
33	3	PCB-35	28:38	7.325e+03	6.940e+03	1.06	y	n	0.987
34	3	PCB-37	29:02	7.157e+03	6.697e+03	1.07	y	n	1.001
35	2	PCB-54	22:13	9.078e+03	1.197e+04	0.76	y	n	1.002
36	3	PCB-50/53	24:26	1.647e+04	2.157e+04	0.76	y	n	1.101
37	3	PCB-45/51	25:10	1.580e+04	2.074e+04	0.76	y	y	1.134
38	3	PCB-46	25:24	7.049e+03	9.174e+03	0.77	y	n	1.145
39	3	PCB-52	26:51	8.873e+03	1.157e+04	0.77	y	y	1.210
40	3	PCB-43/73	27:00	1.730e+04	2.272e+04	0.76	y	y	1.217
41	3	PCB-49/69	27:19	1.972e+04	2.534e+04	0.78	y	n	1.231
42	3	PCB-48	27:39	8.060e+03	1.018e+04	0.79	y	n	1.246
43	3	PCB-44/47/65	27:53	2.776e+04	3.619e+04	0.77	y	n	1.257
44	3	PCB-59/62/75	28:11	3.304e+04	4.296e+04	0.77	y	n	1.270
45	3	PCB-42	28:24	7.605e+03	1.007e+04	0.76	y	n	1.280
46	3	PCB-40/41/71	28:54	2.403e+04	3.126e+04	0.77	y	y	1.303
47	3	PCB-64	29:07	1.135e+04	1.475e+04	0.77	y	n	1.313
48	3	PCB-72	29:57	1.166e+04	1.502e+04	0.78	y	n	0.836
49	3	PCB-68	30:15	1.160e+04	1.492e+04	0.78	y	n	0.844
50	3	PCB-57	30:40	1.104e+04	1.429e+04	0.77	y	n	0.856

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51	3	PCB-58	30:55	1.057e+04	1.378e+04	0.77	y	n	0.863
52	3	PCB-67	31:04	1.177e+04	1.537e+04	0.77	y	n	0.867
53	3	PCB-63	31:20	1.138e+04	1.504e+04	0.76	y	n	0.874
54	3	PCB-61/70/74/76	31:41	4.340e+04	5.635e+04	0.77	y	y	0.884
55	3	PCB-66	32:01	1.082e+04	1.431e+04	0.76	y	n	0.893
56	3	PCB-55	32:10	9.900e+03	1.280e+04	0.77	y	n	0.898
57	4	PCB-56	32:41	9.777e+03	1.264e+04	0.77	y	n	0.912
58	4	PCB-60	32:54	9.715e+03	1.278e+04	0.76	y	n	0.918
59	4	PCB-80	33:20	1.181e+04	1.503e+04	0.79	y	n	0.930
60	4	PCB-79	34:51	1.135e+04	1.480e+04	0.77	y	n	0.973
61	4	PCB-78	35:24	9.836e+03	1.248e+04	0.79	y	n	0.988
62	4	PCB-81	35:51	9.551e+03	1.246e+04	0.77	y	n	1.000
63	4	PCB-77	36:26	8.971e+03	1.179e+04	0.76	y	n	1.001
64	3	PCB-104	27:49	1.314e+04	8.422e+03	1.56	y	n	1.001
65	3	PCB-96	28:11	1.354e+04	8.418e+03	1.61	y	n	1.014
66	3	PCB-103	30:08	1.074e+04	6.820e+03	1.57	y	n	1.085
67	3	PCB-94	30:22	8.680e+03	5.617e+03	1.55	y	n	1.093
68	3	PCB-95	30:48	1.049e+04	6.516e+03	1.61	y	n	1.109
69	3	PCB-93/100	31:02	1.923e+04	1.206e+04	1.59	y	n	1.117
70	3	PCB-98/102	31:11	1.924e+04	1.196e+04	1.61	y	n	1.122
71	3	PCB-88/91	31:40	1.900e+04	1.175e+04	1.62	y	y	1.140
72	3	PCB-84	31:54	8.497e+03	5.380e+03	1.58	y	n	1.148
73	3	PCB-89	32:23	8.742e+03	5.421e+03	1.61	y	n	1.166
74	4	PCB-121	32:49	1.260e+04	7.925e+03	1.59	y	n	1.181
75	4	PCB-92	33:11	9.190e+03	5.994e+03	1.53	y	n	0.864
76	4	PCB-90/101/113	33:46	3.229e+04	2.013e+04	1.60	y	n	0.879
77	4	PCB-83/99	34:22	1.780e+04	1.129e+04	1.58	y	y	0.895
78	4	PCB-112	34:28	1.314e+04	8.434e+03	1.56	y	y	0.897
79	4	PCB-86/87/97/109/119/125	34:51	6.436e+04	4.036e+04	1.59	y	y	0.907
80	4	PCB-117	35:30	1.111e+04	7.073e+03	1.57	y	n	0.924
81	4	PCB-85/116	35:36	2.120e+04	1.337e+04	1.59	y	n	0.927
82	4	PCB-110/115	35:48	2.481e+04	1.576e+04	1.57	y	y	0.932
83	4	PCB-82	36:05	7.604e+03	4.836e+03	1.57	y	n	0.939
84	4	PCB-111	36:28	1.152e+04	7.254e+03	1.59	y	n	0.949
85	4	PCB-120	36:57	1.233e+04	7.751e+03	1.59	y	n	0.962
86	5	PCB-108/124	38:04	2.269e+04	1.366e+04	1.66	y	n	0.991
87	5	PCB-107	38:19	1.316e+04	7.745e+03	1.70	y	n	0.997
88	5	PCB-123	38:27	1.102e+04	6.718e+03	1.64	y	n	1.001
89	5	PCB-106	38:33	1.217e+04	7.322e+03	1.66	y	n	1.003
90	5	PCB-118	38:45	1.202e+04	7.561e+03	1.59	y	n	1.000
91	5	PCB-122	39:06	1.111e+04	6.906e+03	1.61	y	n	1.009
92	5	PCB-114	39:17	1.175e+04	7.110e+03	1.65	y	n	1.000
93	5	PCB-105	39:57	1.266e+04	7.315e+03	1.73	y	n	1.001
94	5	PCB-127	41:25	1.214e+04	7.243e+03	1.68	y	n	1.038
95	5	PCB-126	43:02	1.174e+04	6.856e+03	1.71	y	n	1.000
96	4	PCB-155	33:33	1.142e+04	8.887e+03	1.29	y	n	1.000
97	4	PCB-152	33:44	1.124e+04	8.761e+03	1.28	y	n	1.006
98	4	PCB-150	33:54	1.070e+04	8.582e+03	1.25	y	n	1.011
99	4	PCB-136	34:16	1.087e+04	8.721e+03	1.25	y	n	1.022
100	4	PCB-145	34:35	1.006e+04	7.942e+03	1.27	y	n	1.031
101	4	PCB-148	36:06	7.530e+03	6.078e+03	1.24	y	n	1.077
102	4	PCB-135/151	36:41	1.501e+04	1.213e+04	1.24	y	n	1.094
103	4	PCB-154	36:57	8.720e+03	6.991e+03	1.25	y	n	1.102
104	4	PCB-144	37:15	7.637e+03	6.071e+03	1.26	y	n	1.111
105	5	PCB-147/149	37:37	1.554e+04	1.234e+04	1.26	y	n	1.122
106	5	PCB-134	37:49	6.263e+03	5.016e+03	1.25	y	n	1.128
107	5	PCB-143	37:55	7.081e+03	5.655e+03	1.25	y	n	1.131

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108	5	PCB-139/140	38:14	1.553e+04	1.226e+04	1.27	y	n	1.140
109	5	PCB-131	38:25	6.829e+03	5.290e+03	1.29	y	n	1.146
110	5	PCB-142	38:34	7.036e+03	5.496e+03	1.28	y	n	1.150
111	5	PCB-132	38:53	6.732e+03	5.363e+03	1.26	y	n	1.160
112	5	PCB-133	39:23	7.337e+03	5.729e+03	1.28	y	n	1.174
113	5	PCB-165	39:46	8.967e+03	7.381e+03	1.21	y	n	0.886
114	5	PCB-146	40:02	8.589e+03	7.047e+03	1.22	y	n	0.892
115	5	PCB-161	40:10	1.020e+04	7.869e+03	1.30	y	n	0.895
116	5	PCB-153/168	40:41	1.934e+04	1.550e+04	1.25	y	n	0.906
117	5	PCB-141	40:50	7.604e+03	5.882e+03	1.29	y	n	0.910
118	5	PCB-130	41:15	6.996e+03	5.422e+03	1.29	y	n	0.919
119	5	PCB-137	41:28	7.506e+03	5.850e+03	1.28	y	n	0.924
120	5	PCB-164	41:35	1.031e+04	8.094e+03	1.27	y	n	0.926
121	5	PCB-129/138/163	41:54	2.527e+04	1.969e+04	1.28	y	n	0.934
122	5	PCB-160	42:04	1.002e+04	7.928e+03	1.26	y	n	0.937
123	5	PCB-158	42:17	1.128e+04	8.722e+03	1.29	y	n	0.942
124	5	PCB-128/166	43:08	1.782e+04	1.433e+04	1.24	y	n	0.961
125	6	PCB-159	44:08	7.911e+03	6.560e+03	1.21	y	n	0.983
126	6	PCB-162	44:27	7.732e+03	6.426e+03	1.20	y	n	0.990
127	6	PCB-167	44:55	8.326e+03	6.581e+03	1.27	y	n	1.001
128	6	PCB-156/157	46:04	1.609e+04	1.288e+04	1.25	y	n	1.001
129	6	PCB-169	49:18	7.309e+03	5.834e+03	1.25	y	n	1.001
130	5	PCB-188	39:17	9.017e+03	8.799e+03	1.02	y	n	1.000
131	5	PCB-179	39:38	9.593e+03	9.279e+03	1.03	y	n	1.009
132	5	PCB-184	40:10	9.508e+03	9.170e+03	1.04	y	n	1.023
133	5	PCB-176	40:31	9.363e+03	8.930e+03	1.05	y	n	1.032
134	5	PCB-186	40:59	8.897e+03	8.490e+03	1.05	y	n	1.044
135	5	PCB-178	42:21	6.838e+03	6.597e+03	1.04	y	n	1.079
136	5	PCB-175	42:59	7.361e+03	6.927e+03	1.06	y	n	1.095
137	5	PCB-187	43:16	7.635e+03	7.339e+03	1.04	y	n	1.102
138	5	PCB-182	43:28	7.766e+03	7.324e+03	1.06	y	n	1.107
139	6	PCB-183	43:53	6.030e+03	5.846e+03	1.03	y	n	1.118
140	6	PCB-185	43:58	4.344e+03	4.184e+03	1.04	y	n	1.120
141	6	PCB-174	44:07	5.017e+03	4.904e+03	1.02	y	n	1.124
142	6	PCB-177	44:33	4.994e+03	4.900e+03	1.02	y	n	1.135
143	6	PCB-181	44:57	4.893e+03	4.768e+03	1.03	y	n	1.145
144	6	PCB-171/173	45:10	9.731e+03	9.527e+03	1.02	y	n	1.150
145	6	PCB-172	46:48	4.749e+03	4.687e+03	1.01	y	n	0.903
146	6	PCB-192	47:05	5.962e+03	5.849e+03	1.02	y	n	0.909
147	6	PCB-180/193	47:25	1.244e+04	1.208e+04	1.03	y	n	0.915
148	6	PCB-191	47:49	6.522e+03	6.501e+03	1.00	y	n	0.923
149	6	PCB-170	48:42	4.738e+03	4.539e+03	1.04	y	n	0.940
150	6	PCB-190	49:14	6.410e+03	6.333e+03	1.01	y	n	0.950
151	6	PCB-189	51:49	6.211e+03	6.256e+03	0.99	y	n	1.000
152	6	PCB-202	44:41	8.803e+03	9.925e+03	0.89	y	n	1.001
153	6	PCB-201	45:37	9.451e+03	1.070e+04	0.88	y	n	1.022
154	6	PCB-204	46:17	9.470e+03	1.052e+04	0.90	y	n	1.037
155	6	PCB-197	46:30	9.396e+03	1.089e+04	0.86	y	n	1.041
156	6	PCB-200	46:36	9.323e+03	1.044e+04	0.89	y	n	1.044
157	6	PCB-198/199	49:24	1.326e+04	1.515e+04	0.88	y	n	1.106
158	6	PCB-196	50:05	6.861e+03	7.860e+03	0.87	y	n	0.921
159	6	PCB-203	50:17	7.305e+03	8.128e+03	0.90	y	n	0.925
160	6	PCB-195	51:36	6.663e+03	7.649e+03	0.87	y	n	0.949
161	6	PCB-194	53:55	7.115e+03	8.298e+03	0.86	y	n	0.992
162	6	PCB-205	54:23	8.790e+03	9.809e+03	0.90	y	n	1.000
163	6	PCB-208	51:21	7.175e+03	8.932e+03	0.80	y	n	1.000
164	6	PCB-207	52:17	7.512e+03	9.378e+03	0.80	y	n	1.019

Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
PCB 209 INJEC

Run #7 Filename U220670 Samp: 1 Inj: 1 Acquired: 24-SEP-09 17:43:11
Processed: 27-SEP-09 04:16:19 Sample ID: PCB 209 INJECTION

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet		Mod?	RRT
1	1	PCB-1	14:15	6.182e+03	2.007e+03	3.08	y	n	1.001
2	1	PCB-2	16:30	6.672e+03	2.098e+03	3.18	y	n	0.988
3	1	PCB-3	16:43	6.244e+03	1.994e+03	3.13	y	n	1.001
4	1	PCB-4	16:59	3.851e+03	2.295e+03	1.68	y	n	1.001
5	1	PCB-10	17:11	6.354e+03	3.774e+03	1.68	y	n	1.013
6	2	PCB-9	19:10	4.608e+03	2.991e+03	1.54	y	n	1.130
7	2	PCB-7	19:21	4.317e+03	2.841e+03	1.52	y	n	1.140
8	2	PCB-6	19:37	4.577e+03	2.664e+03	1.72	y	n	1.156
9	2	PCB-5	19:57	4.004e+03	2.636e+03	1.52	y	n	1.176
10	2	PCB-8	20:06	4.622e+03	3.074e+03	1.50	y	n	1.185
11	2	PCB-14	21:51	4.552e+03	3.040e+03	1.50	y	n	0.934
12	2	PCB-11	22:45	4.514e+03	3.175e+03	1.42	y	n	0.972
13	2	PCB-12/13	23:04	8.898e+03	5.700e+03	1.56	y	n	0.986
14	2	PCB-15	23:25	4.710e+03	3.026e+03	1.56	y	n	1.001
15	2	PCB-19	20:25	2.326e+03	2.310e+03	1.01	y	n	1.001
16	2	PCB-18/30	22:24	6.134e+03	6.159e+03	1.00	y	n	1.098
17	2	PCB-17	22:52	2.695e+03	2.638e+03	1.02	y	n	1.121
18	2	PCB-27	23:05	3.787e+03	3.641e+03	1.04	y	n	1.132
19	2	PCB-24	23:14	3.561e+03	3.441e+03	1.03	y	n	1.139
20	2	PCB-16	23:22	1.985e+03	2.000e+03	0.99	y	n	1.145
21	2	PCB-32	23:54	3.927e+03	3.901e+03	1.01	y	n	1.172
22	3	PCB-34	25:14	4.408e+03	4.379e+03	1.01	y	n	1.237
23	3	PCB-23	25:24	4.108e+03	4.175e+03	0.98	y	n	1.245
24	3	PCB-26/29	25:44	8.862e+03	8.696e+03	1.02	y	n	1.261
25	3	PCB-25	25:57	4.867e+03	4.814e+03	1.01	y	n	0.844
26	3	PCB-31	26:18	4.552e+03	4.567e+03	1.00	y	n	0.855
27	3	PCB-20/28	26:37	8.657e+03	8.706e+03	0.99	y	n	0.866
28	3	PCB-21/33	26:49	8.910e+03	8.686e+03	1.03	y	n	0.872
29	3	PCB-22	27:16	4.251e+03	4.098e+03	1.04	y	n	0.887
30	3	PCB-36	28:53	4.758e+03	4.614e+03	1.03	y	n	0.939
31	3	PCB-39	29:15	4.436e+03	4.353e+03	1.02	y	n	0.951
32	3	PCB-38	29:52	4.277e+03	4.086e+03	1.05	y	n	0.971
33	3	PCB-35	30:20	3.971e+03	4.104e+03	0.97	y	n	0.986
34	3	PCB-37	30:46	3.853e+03	4.021e+03	0.96	y	n	1.001
35	2	PCB-54	23:44	6.186e+03	9.016e+03	0.69	y	n	1.001
36	3	PCB-50/53	26:01	1.044e+04	1.333e+04	0.78	y	n	1.098
37	3	PCB-45/51	26:43	1.009e+04	1.340e+04	0.75	y	y	1.127
38	3	PCB-46	27:02	4.415e+03	5.769e+03	0.77	y	n	1.141
39	3	PCB-52	28:30	5.770e+03	7.430e+03	0.78	y	y	1.203
40	3	PCB-43/73	28:40	1.113e+04	1.403e+04	0.79	y	y	1.210
41	3	PCB-49/69	28:59	1.205e+04	1.415e+04	0.85	y	n	1.223
42	3	PCB-48	29:19	5.084e+03	4.866e+03	1.04	n	n	1.237
43	3	PCB-44/47/65	29:34	1.754e+04	1.985e+04	0.88	y	n	1.248
44	3	PCB-59/62/75	29:53	2.019e+04	2.184e+04	0.92	n	n	1.261
45	3	PCB-42	30:05	4.596e+03	3.040e+03	1.51	n	n	1.269
46	3	PCB-40/41/71	30:35	1.480e+04	1.234e+04	1.20	n	y	1.290
47	3	PCB-64	30:49	7.050e+03	5.268e+03	1.34	n	y	1.300
48	3	PCB-72	31:40	7.168e+03	8.092e+03	0.89	n	n	0.841
49	3	PCB-68	31:58	7.197e+03	9.132e+03	0.79	y	n	0.849
50	3	PCB-57	32:24	7.058e+03	9.294e+03	0.76	y	n	0.860

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51	3	PCB-58	32:39	6.901e+03	9.028e+03	0.76	y	n	0.867
52	3	PCB-67	32:50	7.428e+03	9.703e+03	0.77	y	n	0.872
53	3	PCB-63	33:05	7.312e+03	9.748e+03	0.75	y	n	0.878
54	3	PCB-61/70/74/76	33:26	2.778e+04	3.702e+04	0.75	y	n	0.888
55	3	PCB-66	33:47	7.348e+03	9.662e+03	0.76	y	n	0.897
56	3	PCB-55	33:56	6.235e+03	8.162e+03	0.76	y	n	0.901
57	4	PCB-56	34:28	5.940e+03	8.008e+03	0.74	y	n	0.915
58	4	PCB-60	34:41	6.268e+03	8.459e+03	0.74	y	n	0.921
59	4	PCB-80	35:06	7.668e+03	1.008e+04	0.76	y	n	0.932
60	4	PCB-79	36:39	7.327e+03	9.892e+03	0.74	y	n	0.973
61	4	PCB-78	37:13	6.380e+03	8.593e+03	0.74	y	n	0.988
62	4	PCB-81	37:41	6.738e+03	8.959e+03	0.75	y	n	1.000
63	4	PCB-77	38:15	6.027e+03	8.078e+03	0.75	y	n	1.001
64	3	PCB-104	29:30	9.984e+03	6.398e+03	1.56	y	n	1.001
65	3	PCB-96	29:53	9.588e+03	6.197e+03	1.55	y	n	1.014
66	3	PCB-103	31:51	8.183e+03	5.362e+03	1.53	y	n	1.080
67	3	PCB-94	32:05	6.622e+03	4.321e+03	1.53	y	n	1.088
68	3	PCB-95	32:33	7.761e+03	5.019e+03	1.55	y	n	1.104
69	3	PCB-93/100	32:47	1.487e+04	9.506e+03	1.56	y	n	1.112
70	3	PCB-98/102	32:55	1.442e+04	9.164e+03	1.57	y	n	1.116
71	3	PCB-88/91	33:20	1.479e+04	9.488e+03	1.56	y	y	1.131
72	3	PCB-84	33:39	6.753e+03	4.338e+03	1.56	y	n	1.141
73	3	PCB-89	34:09	6.912e+03	4.364e+03	1.58	y	n	1.158
74	4	PCB-121	34:34	8.513e+03	5.434e+03	1.57	y	n	1.172
75	4	PCB-92	34:57	6.359e+03	4.128e+03	1.54	y	n	0.868
76	4	PCB-90/101/113	35:32	2.225e+04	1.367e+04	1.63	y	n	0.883
77	4	PCB-83/99	36:09	1.264e+04	8.241e+03	1.53	y	y	0.898
78	4	PCB-112	36:16	8.441e+03	5.411e+03	1.56	y	y	0.901
79	4	PCB-86/87/97/109/119/125	36:39	4.458e+04	2.848e+04	1.57	y	y	0.911
80	4	PCB-117	37:19	8.059e+03	5.088e+03	1.58	y	n	0.927
81	4	PCB-85/116	37:25	1.512e+04	9.737e+03	1.55	y	n	0.930
82	4	PCB-110/115	37:34	1.748e+04	1.133e+04	1.54	y	y	0.933
83	4	PCB-82	37:54	5.233e+03	3.502e+03	1.49	y	n	0.942
84	4	PCB-111	38:17	8.350e+03	5.249e+03	1.59	y	n	0.951
85	4	PCB-120	38:45	8.776e+03	6.032e+03	1.45	y	n	0.963
86	5	PCB-108/124	39:55	1.649e+04	1.076e+04	1.53	y	n	0.992
87	5	PCB-107	40:09	9.100e+03	5.747e+03	1.58	y	n	0.998
88	5	PCB-123	40:16	8.666e+03	5.484e+03	1.58	y	n	1.000
89	5	PCB-106	40:24	8.465e+03	5.191e+03	1.63	y	n	1.004
90	5	PCB-118	40:36	8.589e+03	5.580e+03	1.54	y	n	1.000
91	5	PCB-122	40:58	7.962e+03	4.985e+03	1.60	y	n	1.009
92	5	PCB-114	41:09	8.334e+03	5.243e+03	1.59	y	n	1.000
93	5	PCB-105	41:48	8.866e+03	5.567e+03	1.59	y	n	1.001
94	5	PCB-127	43:17	8.582e+03	5.294e+03	1.62	y	n	1.036
95	5	PCB-126	44:55	8.060e+03	5.291e+03	1.52	y	n	1.000
96	4	PCB-155	35:20	8.510e+03	7.584e+03	1.12	y	n	1.001
97	4	PCB-152	35:32	8.367e+03	7.284e+03	1.15	y	n	1.007
98	4	PCB-150	35:42	8.005e+03	6.857e+03	1.17	y	n	1.011
99	4	PCB-136	36:04	8.328e+03	7.105e+03	1.17	y	n	1.022
100	4	PCB-145	36:23	7.701e+03	6.844e+03	1.13	y	n	1.031
101	4	PCB-148	37:54	6.011e+03	5.305e+03	1.13	y	n	1.074
102	4	PCB-135/151	38:30	1.185e+04	1.052e+04	1.13	y	n	1.091
103	4	PCB-154	38:45	7.127e+03	6.242e+03	1.14	y	n	1.098
104	4	PCB-144	39:05	6.258e+03	5.351e+03	1.17	y	n	1.107
105	5	PCB-147/149	39:27	1.205e+04	9.605e+03	1.25	y	n	1.118
106	5	PCB-134	39:40	4.751e+03	3.819e+03	1.24	y	n	1.124
107	5	PCB-143	39:44	5.717e+03	4.619e+03	1.24	y	n	1.126

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108	5	PCB-139/140	40:03	1.202e+04	9.493e+03	1.27	y	n	1.135
109	5	PCB-131	40:15	5.263e+03	4.150e+03	1.27	y	n	1.140
110	5	PCB-142	40:26	4.992e+03	4.138e+03	1.21	y	n	1.145
111	5	PCB-132	40:44	5.179e+03	4.167e+03	1.24	y	n	1.154
112	5	PCB-133	41:13	5.303e+03	4.408e+03	1.20	y	n	1.168
113	5	PCB-165	41:37	6.957e+03	5.428e+03	1.28	y	n	0.890
114	5	PCB-146	41:52	6.479e+03	5.153e+03	1.26	y	n	0.895
115	5	PCB-161	42:01	7.334e+03	5.666e+03	1.29	y	n	0.898
116	5	PCB-153/168	42:32	1.406e+04	1.124e+04	1.25	y	n	0.909
117	5	PCB-141	42:42	5.774e+03	4.564e+03	1.27	y	n	0.913
118	5	PCB-130	43:07	5.016e+03	4.023e+03	1.25	y	n	0.922
119	5	PCB-137	43:20	5.240e+03	4.153e+03	1.26	y	n	0.926
120	5	PCB-164	43:27	7.569e+03	6.013e+03	1.26	y	n	0.929
121	5	PCB-129/138/163	43:47	1.823e+04	1.479e+04	1.23	y	n	0.936
122	5	PCB-160	43:56	6.849e+03	5.383e+03	1.27	y	n	0.939
123	5	PCB-158	44:10	8.164e+03	6.498e+03	1.26	y	n	0.944
124	5	PCB-128/166	45:02	1.268e+04	1.026e+04	1.24	y	n	0.963
125	6	PCB-159	46:02	5.690e+03	4.662e+03	1.22	y	n	0.984
126	6	PCB-162	46:19	5.610e+03	4.583e+03	1.22	y	n	0.990
127	6	PCB-167	46:48	5.604e+03	4.808e+03	1.17	y	n	1.000
128	6	PCB-156/157	47:59	1.067e+04	9.024e+03	1.18	y	n	1.001
129	6	PCB-169	51:14	5.195e+03	4.186e+03	1.24	y	n	1.000
130	5	PCB-188	41:08	6.714e+03	6.845e+03	0.98	y	n	1.001
131	5	PCB-179	41:29	6.823e+03	7.191e+03	0.95	y	n	1.009
132	5	PCB-184	42:01	6.849e+03	7.053e+03	0.97	y	n	1.022
133	5	PCB-176	42:22	6.709e+03	6.925e+03	0.97	y	n	1.031
134	5	PCB-186	42:50	6.316e+03	6.637e+03	0.95	y	n	1.042
135	5	PCB-178	44:13	4.732e+03	4.941e+03	0.96	y	n	1.076
136	5	PCB-175	44:51	5.075e+03	5.283e+03	0.96	y	n	1.091
137	5	PCB-187	45:08	5.216e+03	5.375e+03	0.97	y	n	1.098
138	5	PCB-182	45:20	4.351e+03	4.498e+03	0.97	y	n	1.103
139	6	PCB-183	45:45	3.960e+03	3.978e+03	1.00	y	n	1.113
140	6	PCB-185	45:51	3.399e+03	3.419e+03	0.99	y	n	1.116
141	6	PCB-174	46:00	3.499e+03	3.578e+03	0.98	y	n	1.119
142	6	PCB-177	46:27	3.233e+03	3.385e+03	0.95	y	n	1.130
143	6	PCB-181	46:52	3.509e+03	3.370e+03	1.04	y	n	1.140
144	6	PCB-171/173	47:04	6.691e+03	6.747e+03	0.99	y	n	1.145
145	6	PCB-172	48:43	3.269e+03	3.323e+03	0.98	y	n	0.906
146	6	PCB-192	49:00	4.169e+03	4.058e+03	1.03	y	n	0.912
147	6	PCB-180/193	49:20	8.245e+03	8.317e+03	0.99	y	n	0.918
148	6	PCB-191	49:44	4.449e+03	4.714e+03	0.94	y	n	0.925
149	6	PCB-170	50:39	3.308e+03	3.258e+03	1.02	y	n	0.942
150	6	PCB-190	51:11	4.304e+03	4.719e+03	0.91	y	n	0.952
151	6	PCB-189	53:46	4.059e+03	4.196e+03	0.97	y	n	1.000
152	6	PCB-202	46:34	5.760e+03	6.729e+03	0.86	y	n	1.000
153	6	PCB-201	47:31	6.489e+03	7.528e+03	0.86	y	n	1.021
154	6	PCB-204	48:12	6.540e+03	7.652e+03	0.85	y	n	1.035
155	6	PCB-197	48:25	6.576e+03	7.743e+03	0.85	y	n	1.040
156	6	PCB-200	48:31	6.004e+03	7.288e+03	0.82	y	n	1.042
157	6	PCB-198/199	51:20	8.822e+03	1.039e+04	0.85	y	n	1.103
158	6	PCB-196	52:01	4.625e+03	5.422e+03	0.85	y	n	0.923
159	6	PCB-203	52:13	4.858e+03	5.778e+03	0.84	y	n	0.927
160	6	PCB-195	53:33	4.295e+03	5.041e+03	0.85	y	n	0.951
161	6	PCB-194	55:54	4.404e+03	5.128e+03	0.86	y	n	0.992
162	6	PCB-205	56:22	5.300e+03	6.348e+03	0.83	y	n	1.001
163	6	PCB-208	53:17	5.650e+03	7.366e+03	0.77	y	n	1.000
164	6	PCB-207	54:14	5.581e+03	7.291e+03	0.77	y	n	1.018

Filename U220670 Acquired: 24-SEP-09 17:43:11

165	7	PCB-206	58:08	3.638e+03	4.862e+03	0.75	y	n	1.001
166	7	PCB-209	59:44	6.308e+03	5.357e+03	1.18	y	n	1.000
167	1	PCB-1L	14:14	2.469e+04	8.279e+03	2.98	y	n	0.743
168	1	PCB-3L	16:42	2.565e+04	8.150e+03	3.15	y	n	0.872
169	1	PCB-4L	16:58	1.703e+04	1.154e+04	1.48	y	n	0.886
170	2	PCB-15L	23:24	1.936e+04	1.235e+04	1.57	y	n	1.222
171	2	PCB-19L	20:24	9.933e+03	9.790e+03	1.01	y	n	1.065
172	3	PCB-37L	30:45	1.636e+04	1.606e+04	1.02	y	n	1.080
173	2	PCB-54L	23:42	1.394e+04	1.830e+04	0.76	y	n	0.832
174	4	PCB-81L	37:40	1.253e+04	1.595e+04	0.79	y	n	1.322
175	4	PCB-77L	38:13	1.262e+04	1.605e+04	0.79	y	n	1.342
176	3	PCB-104L	29:29	2.108e+04	1.373e+04	1.54	y	n	0.830
177	5	PCB-123L	40:15	1.644e+04	1.055e+04	1.56	y	n	1.133
178	5	PCB-118L	40:35	1.758e+04	1.105e+04	1.59	y	n	1.142
179	5	PCB-114L	41:08	1.642e+04	1.069e+04	1.54	y	n	1.158
180	5	PCB-105L	41:46	1.642e+04	1.036e+04	1.58	y	n	1.175
181	5	PCB-126L	44:54	1.645e+04	1.048e+04	1.57	y	n	1.264
182	4	PCB-155L	35:18	1.923e+04	1.635e+04	1.18	y	n	0.807
183	6	PCB-167L	46:47	1.158e+04	8.803e+03	1.32	y	n	1.069
184	6	PCB-156/157L	47:57	2.252e+04	1.800e+04	1.25	y	n	1.096
185	6	PCB-169L	51:13	1.042e+04	8.002e+03	1.30	y	n	1.171
186	5	PCB-188L	41:06	1.602e+04	1.575e+04	1.02	y	n	0.736
187	6	PCB-189L	53:45	9.196e+03	9.036e+03	1.02	y	n	0.962
188	6	PCB-202L	46:33	9.702e+03	1.078e+04	0.90	y	n	0.833
189	6	PCB-205L	56:20	8.693e+03	9.776e+03	0.89	y	n	1.008
190	6	PCB-208L	53:16	8.569e+03	1.088e+04	0.79	y	n	0.953
191	7	PCB-206L	58:06	5.394e+03	7.125e+03	0.76	y	n	1.040
192	7	PCB-209L	59:43	9.834e+03	8.049e+03	1.22	y	n	1.069
193	3	PCB-28L	26:35	1.694e+04	1.633e+04	1.04	y	n	0.933
194	4	PCB-111L	38:15	1.757e+04	1.112e+04	1.58	y	n	1.076
195	5	PCB-178L	44:11	1.035e+04	9.931e+03	1.04	y	n	1.010
196	2	PCB-9L	19:09	1.974e+04	1.258e+04	1.57	y	n	*
197	3	PCB-52L	28:29	1.156e+04	1.476e+04	0.78	y	n	*
198	4	PCB-101L	35:32	1.487e+04	8.980e+03	1.66	y	n	*
199	5	PCB-138L	43:45	1.234e+04	1.000e+04	1.23	y	n	*
200	6	PCB-194L	55:52	7.494e+03	8.373e+03	0.90	y	n	*

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02/2009

Columbia Analytical Services, Inc. CLIENT ID.
Signal/Noise Height Ratio Summary PCB 209 INJECTION

Run #7 Filename U220670#1 Samp: 1 Inj: 1 Acquired: 24-SEP-09 17:43:11

Processed: 27-SEP-09 04:16:19 LAB. ID: PCB 209 INJECTION

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	1.68e+06	1.34e+03	1.3e+03	5.35e+05	2.17e+03	2.5e+02
2	PCB-2	1.50e+06	1.34e+03	1.1e+03	4.72e+05	2.17e+03	2.2e+02
3	PCB-3	1.38e+06	1.34e+03	1.0e+03	4.50e+05	2.17e+03	2.1e+02
4	PCB-4	8.76e+05	1.88e+03	4.7e+02	5.47e+05	6.15e+04	8.9e+00
5	PCB-10	1.39e+06	1.88e+03	7.4e+02	8.73e+05	6.15e+04	1.4e+01
6	PCB-9	1.02e+06	2.91e+03	3.5e+02	6.65e+05	2.68e+04	2.5e+01
7	PCB-7	9.18e+05	2.91e+03	3.2e+02	6.10e+05	2.68e+04	2.3e+01
8	PCB-6	1.02e+06	2.91e+03	3.5e+02	6.14e+05	2.68e+04	2.3e+01
9	PCB-5	8.60e+05	2.91e+03	3.0e+02	5.77e+05	2.68e+04	2.2e+01
10	PCB-8	9.95e+05	2.91e+03	3.4e+02	6.65e+05	2.68e+04	2.5e+01
11	PCB-14	9.31e+05	2.91e+03	3.2e+02	6.11e+05	2.68e+04	2.3e+01
12	PCB-11	9.06e+05	2.91e+03	3.1e+02	6.27e+05	2.68e+04	2.3e+01
13	PCB-12/13	1.35e+06	2.91e+03	4.7e+02	8.64e+05	2.68e+04	3.2e+01
14	PCB-15	9.45e+05	2.91e+03	3.3e+02	5.96e+05	2.68e+04	2.2e+01
15	PCB-19	5.07e+05	4.42e+03	1.1e+02	5.00e+05	3.95e+03	1.3e+02
16	PCB-18/30	1.13e+06	4.42e+03	2.6e+02	1.14e+06	3.95e+03	2.9e+02
17	PCB-17	5.42e+05	4.42e+03	1.2e+02	5.43e+05	3.95e+03	1.4e+02
18	PCB-27	7.66e+05	4.42e+03	1.7e+02	7.32e+05	3.95e+03	1.9e+02
19	PCB-24	6.80e+05	4.42e+03	1.5e+02	6.56e+05	3.95e+03	1.7e+02
20	PCB-16	4.24e+05	4.42e+03	9.6e+01	4.20e+05	3.95e+03	1.1e+02
21	PCB-32	7.68e+05	4.42e+03	1.7e+02	7.66e+05	3.95e+03	1.9e+02
22	PCB-34	7.46e+05	3.14e+03	2.4e+02	7.39e+05	2.72e+03	2.7e+02
23	PCB-23	7.30e+05	3.14e+03	2.3e+02	7.41e+05	2.72e+03	2.7e+02
24	PCB-26/29	1.24e+06	3.14e+03	4.0e+02	1.24e+06	2.72e+03	4.6e+02
25	PCB-25	7.89e+05	3.14e+03	2.5e+02	7.82e+05	2.72e+03	2.9e+02
26	PCB-31	7.50e+05	3.14e+03	2.4e+02	7.72e+05	2.72e+03	2.8e+02
27	PCB-20/28	1.32e+06	3.14e+03	4.2e+02	1.33e+06	2.72e+03	4.9e+02
28	PCB-21/33	1.06e+06	3.14e+03	3.4e+02	1.03e+06	2.72e+03	3.8e+02
29	PCB-22	6.98e+05	3.14e+03	2.2e+02	6.96e+05	2.72e+03	2.6e+02
30	PCB-36	7.55e+05	3.14e+03	2.4e+02	7.54e+05	2.72e+03	2.8e+02
31	PCB-39	7.57e+05	3.14e+03	2.4e+02	7.39e+05	2.72e+03	2.7e+02
32	PCB-38	7.45e+05	3.14e+03	2.4e+02	6.96e+05	2.72e+03	2.6e+02
33	PCB-35	7.00e+05	3.14e+03	2.2e+02	6.99e+05	2.72e+03	2.6e+02
34	PCB-37	6.49e+05	3.14e+03	2.1e+02	6.96e+05	2.72e+03	2.6e+02
35	PCB-54	1.21e+06	2.56e+03	4.7e+02	1.76e+06	2.62e+03	6.7e+02
36	PCB-50/53	1.53e+06	4.08e+03	3.8e+02	1.97e+06	3.38e+03	5.8e+02
37	PCB-45/51	9.78e+05	4.08e+03	2.4e+02	1.28e+06	3.38e+03	3.8e+02
38	PCB-46	7.56e+05	4.08e+03	1.9e+02	9.87e+05	3.38e+03	2.9e+02
39	PCB-52	9.62e+05	4.08e+03	2.4e+02	1.26e+06	3.38e+03	3.7e+02
40	PCB-43/73	1.16e+06	4.08e+03	2.8e+02	1.48e+06	3.38e+03	4.4e+02
41	PCB-49/69	1.56e+06	4.08e+03	3.8e+02	1.95e+06	3.38e+03	5.8e+02
42	PCB-48	8.57e+05	4.08e+03	2.1e+02	9.64e+05	3.38e+03	2.9e+02
43	PCB-44/47/65	2.49e+06	4.08e+03	6.1e+02	3.03e+06	3.38e+03	9.0e+02
44	PCB-59/62/75	2.60e+06	4.08e+03	6.4e+02	3.17e+06	3.38e+03	9.4e+02
45	PCB-42	8.17e+05	4.08e+03	2.0e+02	7.32e+05	3.38e+03	2.2e+02
46	PCB-40/41/71	1.75e+06	4.08e+03	4.3e+02	1.92e+06	3.38e+03	5.7e+02
47	PCB-64	1.20e+06	4.08e+03	2.9e+02	1.21e+06	3.38e+03	3.6e+02

Run #7 Filename U220670#1 Samp: 1 Acquired: 24-SEP-09 17:43:11

48	PCB-72	1.23e+06	4.08e+03	3.0e+02	1.57e+06	3.38e+03	4.7e+02
49	PCB-68	1.17e+06	4.08e+03	2.9e+02	1.55e+06	3.38e+03	4.6e+02
50	PCB-57	1.21e+06	4.08e+03	3.0e+02	1.59e+06	3.38e+03	4.7e+02
51	PCB-58	1.12e+06	4.08e+03	2.8e+02	1.48e+06	3.38e+03	4.4e+02
52	PCB-67	1.24e+06	4.08e+03	3.0e+02	1.63e+06	3.38e+03	4.8e+02
53	PCB-63	1.23e+06	4.08e+03	3.0e+02	1.62e+06	3.38e+03	4.8e+02
54	PCB-61/70/74/76	2.60e+06	4.08e+03	6.4e+02	3.46e+06	3.38e+03	1.0e+03
55	PCB-66	1.17e+06	4.08e+03	2.9e+02	1.58e+06	3.38e+03	4.7e+02
56	PCB-55	1.10e+06	4.08e+03	2.7e+02	1.43e+06	3.38e+03	4.2e+02
57	PCB-56	1.11e+06	2.96e+03	3.8e+02	1.46e+06	2.28e+03	6.4e+02
58	PCB-60	1.10e+06	2.96e+03	3.7e+02	1.51e+06	2.28e+03	6.6e+02
59	PCB-80	1.36e+06	2.96e+03	4.6e+02	1.75e+06	2.28e+03	7.7e+02
60	PCB-79	1.26e+06	2.96e+03	4.3e+02	1.67e+06	2.28e+03	7.3e+02
61	PCB-78	1.10e+06	2.96e+03	3.7e+02	1.49e+06	2.28e+03	6.5e+02
62	PCB-81	1.19e+06	2.96e+03	4.0e+02	1.61e+06	2.28e+03	7.0e+02
63	PCB-77	1.07e+06	2.96e+03	3.6e+02	1.43e+06	2.28e+03	6.3e+02
64	PCB-104	1.69e+06	2.02e+03	8.3e+02	1.08e+06	2.38e+03	4.5e+02
65	PCB-96	1.64e+06	2.02e+03	8.1e+02	1.07e+06	2.38e+03	4.5e+02
66	PCB-103	1.39e+06	2.02e+03	6.9e+02	9.09e+05	2.38e+03	3.8e+02
67	PCB-94	1.14e+06	2.02e+03	5.6e+02	7.32e+05	2.38e+03	3.1e+02
68	PCB-95	1.32e+06	2.02e+03	6.5e+02	8.67e+05	2.38e+03	3.6e+02
69	PCB-93/100	2.34e+06	2.02e+03	1.2e+03	1.47e+06	2.38e+03	6.2e+02
70	PCB-98/102	1.57e+06	2.02e+03	7.7e+02	1.00e+06	2.38e+03	4.2e+02
71	PCB-88/91	1.36e+06	2.02e+03	6.7e+02	8.78e+05	2.38e+03	3.7e+02
72	PCB-84	1.14e+06	2.02e+03	5.7e+02	7.57e+05	2.38e+03	3.2e+02
73	PCB-89	1.21e+06	2.02e+03	6.0e+02	7.62e+05	2.38e+03	3.2e+02
74	PCB-121	1.50e+06	1.56e+03	9.6e+02	9.74e+05	2.60e+03	3.7e+02
75	PCB-92	1.12e+06	1.56e+03	7.2e+02	7.30e+05	2.60e+03	2.8e+02
76	PCB-90/101/113	2.78e+06	1.56e+03	1.8e+03	1.69e+06	2.60e+03	6.5e+02
77	PCB-83/99	1.27e+06	1.56e+03	8.1e+02	8.13e+05	2.60e+03	3.1e+02
78	PCB-112	1.52e+06	1.56e+03	9.8e+02	9.62e+05	2.60e+03	3.7e+02
79	CB-86/87/97/109/119/125	4.69e+06	1.56e+03	3.0e+03	3.00e+06	2.60e+03	1.2e+03
80	PCB-117	1.56e+06	1.56e+03	1.0e+03	9.85e+05	2.60e+03	3.8e+02
81	PCB-85/116	2.64e+06	1.56e+03	1.7e+03	1.70e+06	2.60e+03	6.5e+02
82	PCB-110/115	1.72e+06	1.56e+03	1.1e+03	1.08e+06	2.60e+03	4.2e+02
83	PCB-82	9.65e+05	1.56e+03	6.2e+02	6.23e+05	2.60e+03	2.4e+02
84	PCB-111	1.50e+06	1.56e+03	9.6e+02	9.24e+05	2.60e+03	3.5e+02
85	PCB-120	1.60e+06	1.56e+03	1.0e+03	1.08e+06	2.60e+03	4.1e+02
86	PCB-108/124	2.88e+06	3.11e+03	9.3e+02	1.90e+06	1.98e+03	9.6e+02
87	PCB-107	1.61e+06	3.11e+03	5.2e+02	1.01e+06	1.98e+03	5.1e+02
88	PCB-123	1.56e+06	3.11e+03	5.0e+02	9.92e+05	1.98e+03	5.0e+02
89	PCB-106	1.53e+06	3.11e+03	4.9e+02	9.59e+05	1.98e+03	4.9e+02
90	PCB-118	1.52e+06	3.11e+03	4.9e+02	9.64e+05	1.98e+03	4.9e+02
91	PCB-122	1.43e+06	3.11e+03	4.6e+02	8.85e+05	1.98e+03	4.5e+02
92	PCB-114	1.45e+06	3.11e+03	4.7e+02	9.25e+05	1.98e+03	4.7e+02
93	PCB-105	1.56e+06	3.11e+03	5.0e+02	9.88e+05	1.98e+03	5.0e+02
94	PCB-127	1.51e+06	3.11e+03	4.8e+02	9.34e+05	1.98e+03	4.7e+02
95	PCB-126	1.40e+06	3.11e+03	4.5e+02	9.24e+05	1.98e+03	4.7e+02
96	PCB-155	1.51e+06	1.14e+03	1.3e+03	1.30e+06	1.34e+03	9.8e+02
97	PCB-152	1.46e+06	1.14e+03	1.3e+03	1.26e+06	1.34e+03	9.4e+02
98	PCB-150	1.41e+06	1.14e+03	1.2e+03	1.20e+06	1.34e+03	9.0e+02
99	PCB-136	1.47e+06	1.14e+03	1.3e+03	1.26e+06	1.34e+03	9.5e+02
100	PCB-145	1.35e+06	1.14e+03	1.2e+03	1.19e+06	1.34e+03	8.9e+02
101	PCB-148	1.10e+06	1.14e+03	9.6e+02	9.51e+05	1.34e+03	7.1e+02
102	PCB-135/151	1.31e+06	1.14e+03	1.1e+03	1.17e+06	1.34e+03	8.8e+02
103	PCB-154	1.27e+06	1.14e+03	1.1e+03	1.13e+06	1.34e+03	8.4e+02
104	PCB-144	1.11e+06	1.14e+03	9.7e+02	9.57e+05	1.34e+03	7.2e+02

Run #7 Filename U220670#1 Samp: 1 Acquired: 24-SEP-09 17:43:11

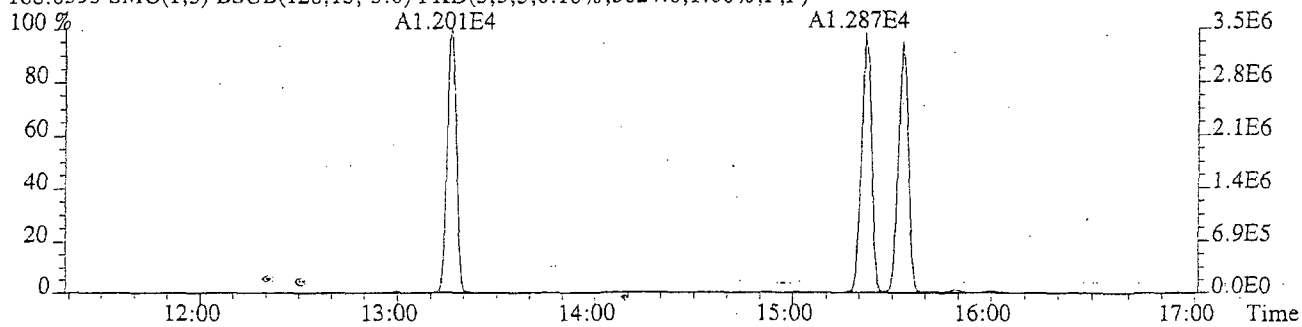
105	PCB-147/149	2.18e+06	2.81e+03	7.7e+02	1.76e+06	2.11e+03	8.3e+02
106	PCB-134	9.10e+05	2.81e+03	3.2e+02	7.33e+05	2.11e+03	3.5e+02
107	PCB-143	1.02e+06	2.81e+03	3.6e+02	8.17e+05	2.11e+03	3.9e+02
108	PCB-139/140	2.02e+06	2.81e+03	7.2e+02	1.61e+06	2.11e+03	7.6e+02
109	PCB-131	9.20e+05	2.81e+03	3.3e+02	7.51e+05	2.11e+03	3.6e+02
110	PCB-142	9.11e+05	2.81e+03	3.2e+02	7.30e+05	2.11e+03	3.5e+02
111	PCB-132	9.29e+05	2.81e+03	3.3e+02	7.40e+05	2.11e+03	3.5e+02
112	PCB-133	9.50e+05	2.81e+03	3.4e+02	7.96e+05	2.11e+03	3.8e+02
113	PCB-165	1.23e+06	2.81e+03	4.4e+02	9.75e+05	2.11e+03	4.6e+02
114	PCB-146	1.13e+06	2.81e+03	4.0e+02	9.24e+05	2.11e+03	4.4e+02
115	PCB-161	1.35e+06	2.81e+03	4.8e+02	1.06e+06	2.11e+03	5.0e+02
116	PCB-153/168	1.97e+06	2.81e+03	7.0e+02	1.58e+06	2.11e+03	7.5e+02
117	PCB-141	1.03e+06	2.81e+03	3.7e+02	8.49e+05	2.11e+03	4.0e+02
118	PCB-130	9.09e+05	2.81e+03	3.2e+02	7.39e+05	2.11e+03	3.5e+02
119	PCB-137	1.02e+06	2.81e+03	3.6e+02	8.15e+05	2.11e+03	3.9e+02
120	PCB-164	1.35e+06	2.81e+03	4.8e+02	1.09e+06	2.11e+03	5.1e+02
121	PCB-129/138/163	2.59e+06	2.81e+03	9.2e+02	2.11e+06	2.11e+03	1.0e+03
122	PCB-160	1.26e+06	2.81e+03	4.5e+02	9.94e+05	2.11e+03	4.7e+02
123	PCB-158	1.44e+06	2.81e+03	5.1e+02	1.15e+06	2.11e+03	5.4e+02
124	PCB-128/166	2.11e+06	2.81e+03	7.5e+02	1.69e+06	2.11e+03	8.0e+02
125	PCB-159	1.28e+06	1.06e+03	1.2e+03	1.06e+06	2.26e+03	4.7e+02
126	PCB-162	1.26e+06	1.06e+03	1.2e+03	9.91e+05	2.26e+03	4.4e+02
127	PCB-167	1.23e+06	1.06e+03	1.2e+03	1.06e+06	2.26e+03	4.7e+02
128	PCB-156/157	1.75e+06	1.06e+03	1.7e+03	1.48e+06	2.26e+03	6.6e+02
129	PCB-169	1.10e+06	1.06e+03	1.0e+03	8.80e+05	2.26e+03	3.9e+02
130	PCB-188	1.24e+06	7.04e+02	1.8e+03	1.24e+06	6.76e+02	1.8e+03
131	PCB-179	1.21e+06	7.04e+02	1.7e+03	1.28e+06	6.76e+02	1.9e+03
132	PCB-184	1.24e+06	7.04e+02	1.8e+03	1.28e+06	6.76e+02	1.9e+03
133	PCB-176	1.18e+06	7.04e+02	1.7e+03	1.22e+06	6.76e+02	1.8e+03
134	PCB-186	1.15e+06	7.04e+02	1.6e+03	1.20e+06	6.76e+02	1.8e+03
135	PCB-178	8.58e+05	7.04e+02	1.2e+03	8.90e+05	6.76e+02	1.3e+03
136	PCB-175	9.19e+05	7.04e+02	1.3e+03	9.90e+05	6.76e+02	1.5e+03
137	PCB-187	9.33e+05	7.04e+02	1.3e+03	9.59e+05	6.76e+02	1.4e+03
138	PCB-182	8.84e+05	7.04e+02	1.3e+03	9.02e+05	6.76e+02	1.3e+03
139	PCB-183	8.68e+05	2.03e+03	4.3e+02	8.71e+05	1.30e+03	6.7e+02
140	PCB-185	7.69e+05	2.03e+03	3.8e+02	7.68e+05	1.30e+03	5.9e+02
141	PCB-174	7.69e+05	2.03e+03	3.8e+02	7.86e+05	1.30e+03	6.0e+02
142	PCB-177	6.95e+05	2.03e+03	3.4e+02	7.18e+05	1.30e+03	5.5e+02
143	PCB-181	7.31e+05	2.03e+03	3.6e+02	7.13e+05	1.30e+03	5.5e+02
144	PCB-171/173	1.34e+06	2.03e+03	6.6e+02	1.35e+06	1.30e+03	1.0e+03
145	PCB-172	6.99e+05	2.03e+03	3.4e+02	7.22e+05	1.30e+03	5.5e+02
146	PCB-192	9.35e+05	2.03e+03	4.6e+02	9.22e+05	1.30e+03	7.1e+02
147	PCB-180/193	1.24e+06	2.03e+03	6.1e+02	1.24e+06	1.30e+03	9.5e+02
148	PCB-191	9.77e+05	2.03e+03	4.8e+02	1.05e+06	1.30e+03	8.0e+02
149	PCB-170	7.27e+05	2.03e+03	3.6e+02	7.13e+05	1.30e+03	5.5e+02
150	PCB-190	8.93e+05	2.03e+03	4.4e+02	9.45e+05	1.30e+03	7.2e+02
151	PCB-189	8.91e+05	2.03e+03	4.4e+02	9.18e+05	1.30e+03	7.0e+02
152	PCB-202	1.25e+06	6.20e+02	2.0e+03	1.49e+06	4.88e+02	3.0e+03
153	PCB-201	1.43e+06	6.20e+02	2.3e+03	1.66e+06	4.88e+02	3.4e+03
154	PCB-204	1.42e+06	6.20e+02	2.3e+03	1.64e+06	4.88e+02	3.4e+03
155	PCB-197	1.38e+06	6.20e+02	2.2e+03	1.63e+06	4.88e+02	3.3e+03
156	PCB-200	1.35e+06	6.20e+02	2.2e+03	1.66e+06	4.88e+02	3.4e+03
157	PCB-198/199	1.44e+06	6.20e+02	2.3e+03	1.72e+06	4.88e+02	3.5e+03
158	PCB-196	9.99e+05	6.20e+02	1.6e+03	1.16e+06	4.88e+02	2.4e+03
159	PCB-203	1.05e+06	6.20e+02	1.7e+03	1.24e+06	4.88e+02	2.5e+03
160	PCB-195	9.20e+05	6.20e+02	1.5e+03	1.07e+06	4.88e+02	2.2e+03
161	PCB-194	9.42e+05	6.20e+02	1.5e+03	1.09e+06	4.88e+02	2.2e+03
162	PCB-205	1.13e+06	6.20e+02	1.8e+03	1.36e+06	4.88e+02	2.8e+03

Run #7 Filename U220670#1 Samp: 1 Acquired: 24-SEP-09 17:43:11

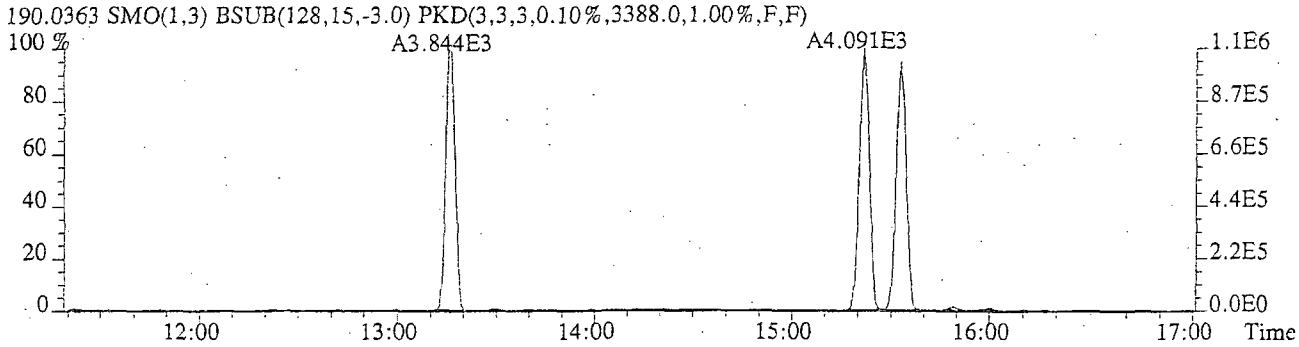
163	PCB-208	1.21e+06	1.31e+03	9.3e+02	1.59e+06	1.12e+03	1.4e+03
164	PCB-207	1.24e+06	1.31e+03	9.5e+02	1.61e+06	1.12e+03	1.4e+03
165	PCB-206	7.09e+05	1.09e+03	6.5e+02	9.43e+05	2.19e+03	4.3e+02
166	PCB-209	1.22e+06	7.24e+02	1.7e+03	1.06e+06	7.56e+02	1.4e+03
167	PCB-1L	6.69e+06	1.38e+03	4.8e+03	2.25e+06	6.47e+03	3.5e+02
168	PCB-3L	5.74e+06	1.38e+03	4.2e+03	1.84e+06	6.47e+03	2.8e+02
169	PCB-4L	3.85e+06	2.42e+03	1.6e+03	2.60e+06	3.23e+03	8.1e+02
170	PCB-15L	3.84e+06	2.64e+03	1.5e+03	2.45e+06	5.06e+03	4.8e+02
171	PCB-19L	2.11e+06	2.13e+04	9.9e+01	2.08e+06	1.32e+04	1.6e+02
172	PCB-37L	2.73e+06	2.42e+04	1.1e+02	2.67e+06	1.42e+04	1.9e+02
173	PCB-54L	2.75e+06	2.98e+03	9.2e+02	3.65e+06	2.44e+03	1.5e+03
174	PCB-81L	2.19e+06	2.29e+03	9.6e+02	2.86e+06	1.76e+03	1.6e+03
175	PCB-77L	2.19e+06	2.29e+03	9.6e+02	2.83e+06	1.76e+03	1.6e+03
176	PCB-104L	3.52e+06	1.92e+03	1.8e+03	2.29e+06	1.69e+03	1.4e+03
177	PCB-123L	2.94e+06	1.10e+03	2.7e+03	1.89e+06	1.94e+03	9.7e+02
178	PCB-118L	3.18e+06	1.10e+03	2.9e+03	2.03e+06	1.94e+03	1.0e+03
179	PCB-114L	2.96e+06	1.10e+03	2.7e+03	1.93e+06	1.94e+03	9.9e+02
180	PCB-105L	2.91e+06	1.10e+03	2.6e+03	1.83e+06	1.94e+03	9.5e+02
181	PCB-126L	2.96e+06	1.10e+03	2.7e+03	1.88e+06	1.94e+03	9.7e+02
182	PCB-155L	3.37e+06	7.80e+02	4.3e+03	2.86e+06	5.28e+02	5.4e+03
183	PCB-167L	2.55e+06	1.22e+03	2.1e+03	1.93e+06	1.26e+03	1.5e+03
184	PCB-156/157L	3.74e+06	1.22e+03	3.1e+03	2.99e+06	1.26e+03	2.4e+03
185	PCB-169L	2.21e+06	1.22e+03	1.8e+03	1.71e+06	1.26e+03	1.4e+03
186	PCB-188L	2.84e+06	9.00e+02	3.2e+03	2.81e+06	7.92e+02	3.5e+03
187	PCB-189L	2.02e+06	1.41e+03	1.4e+03	1.99e+06	1.34e+03	1.5e+03
188	PCB-202L	2.12e+06	9.32e+02	2.3e+03	2.39e+06	1.15e+03	2.1e+03
189	PCB-205L	1.91e+06	9.32e+02	2.0e+03	2.15e+06	1.15e+03	1.9e+03
190	PCB-208L	1.88e+06	1.21e+03	1.6e+03	2.43e+06	1.03e+03	2.4e+03
191	PCB-206L	1.04e+06	8.80e+02	1.2e+03	1.41e+06	9.52e+02	1.5e+03
192	PCB-209L	1.98e+06	8.36e+02	2.4e+03	1.62e+06	7.68e+02	2.1e+03
193	PCB-28L	2.96e+06	2.42e+04	1.2e+02	2.80e+06	1.42e+04	2.0e+02
194	PCB-111L	3.16e+06	1.46e+03	2.2e+03	2.03e+06	1.00e+03	2.0e+03
195	PCB-178L	1.88e+06	9.00e+02	2.1e+03	1.81e+06	7.92e+02	2.3e+03
196	PCB-9L	4.36e+06	2.64e+03	1.6e+03	2.77e+06	5.06e+03	5.5e+02
197	PCB-52L	1.96e+06	2.97e+03	6.6e+02	2.55e+06	2.23e+03	1.1e+03
198	PCB-101L	2.61e+06	1.46e+03	1.8e+03	1.59e+06	1.00e+03	1.6e+03
199	PCB-138L	2.22e+06	9.04e+02	2.5e+03	1.81e+06	1.20e+03	1.5e+03
200	PCB-194L	1.60e+06	9.32e+02	1.7e+03	1.78e+06	1.15e+03	1.5e+03

File:U133063 #1-367 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION

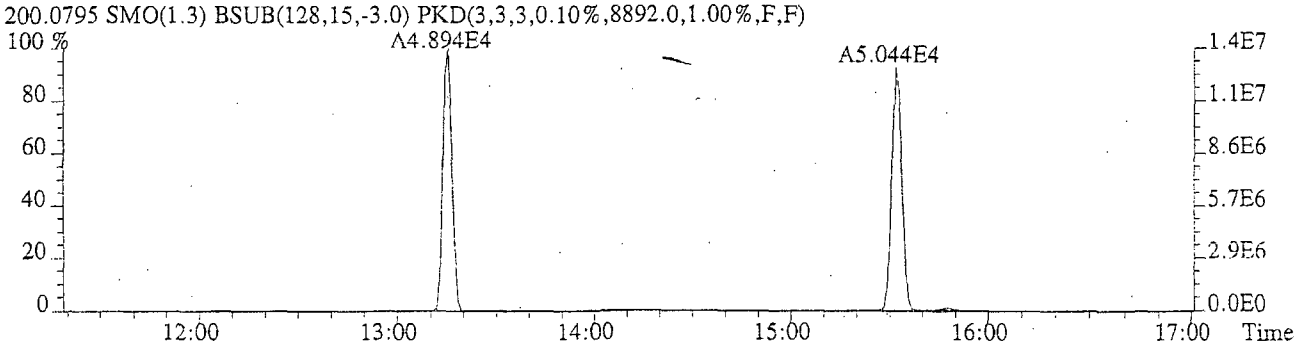
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3024.0,1.00%,F,F)



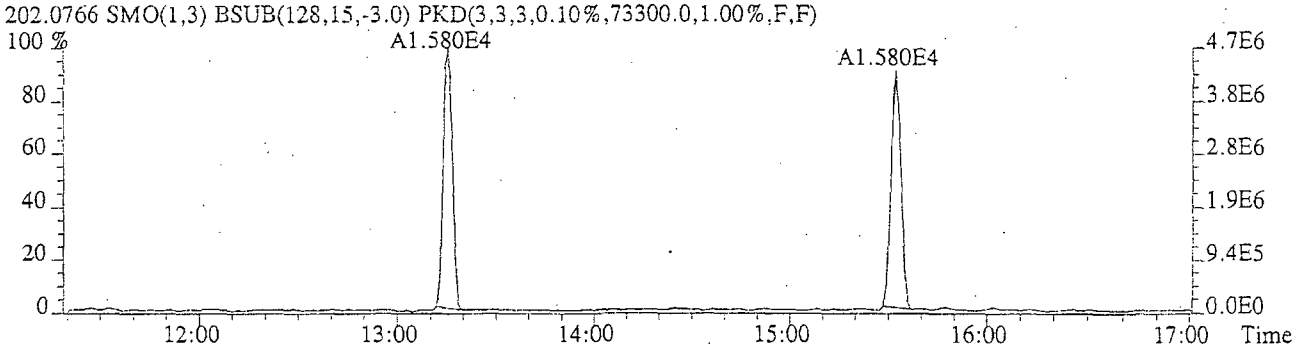
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3388.0,1.00%,F,F)



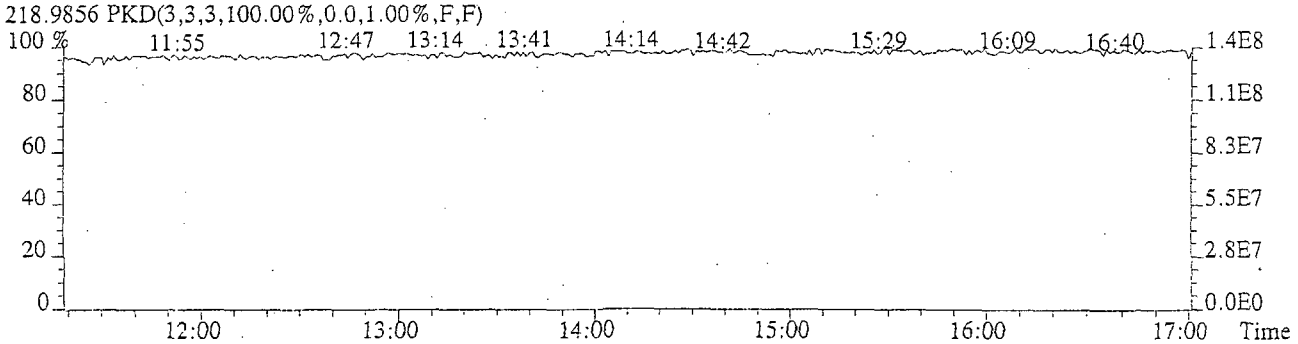
200.0795 SMO(1.3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8892.0,1.00%,F,F)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,73300.0,1.00%,F,F)

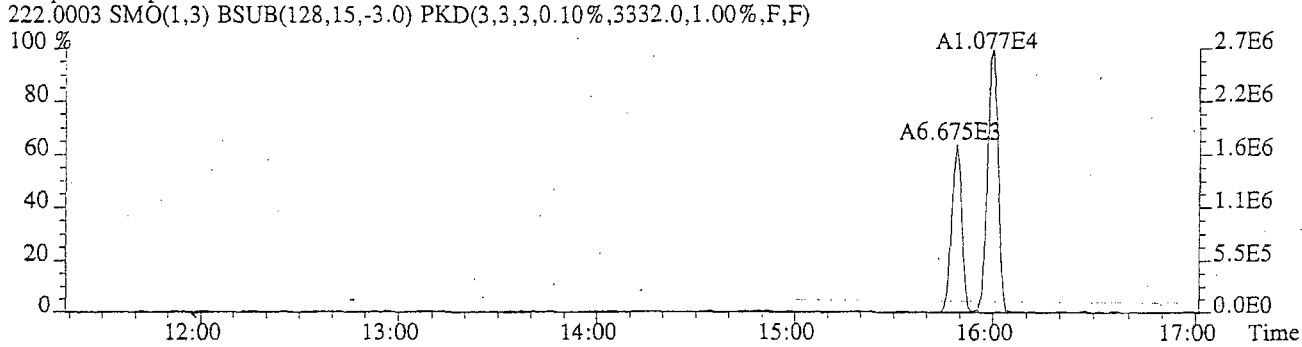


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

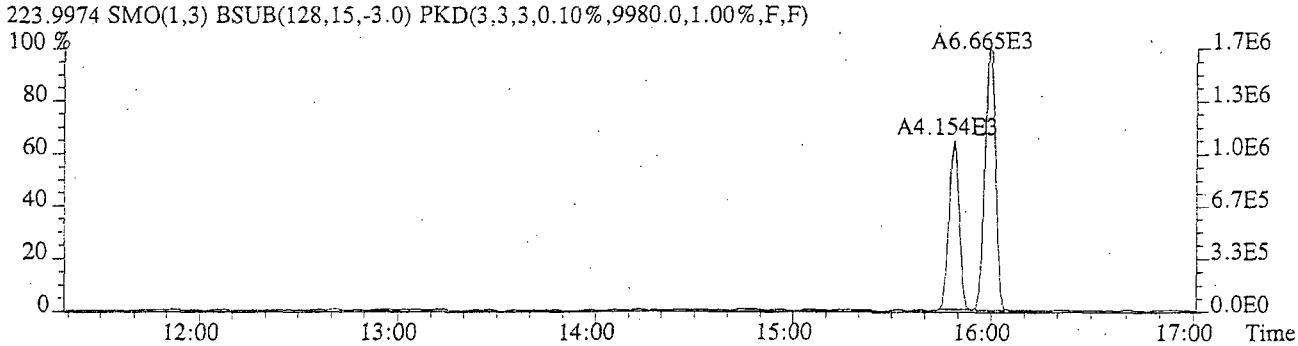


File:U133063 #1-367 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

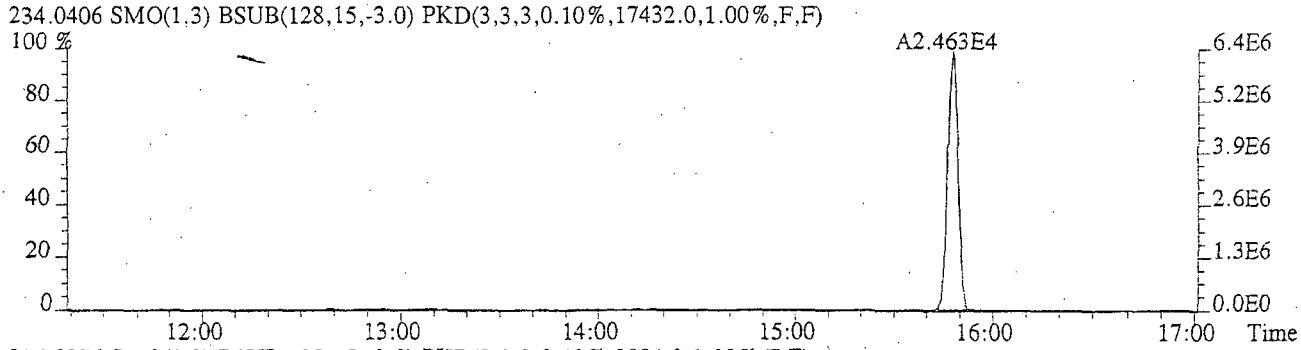
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3332.0,1.00%,F,F)



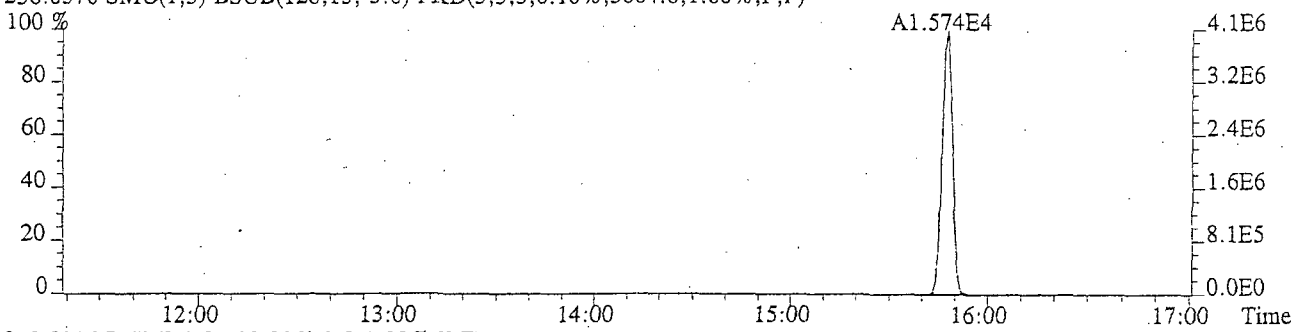
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9980.0,1.00%,F,F)



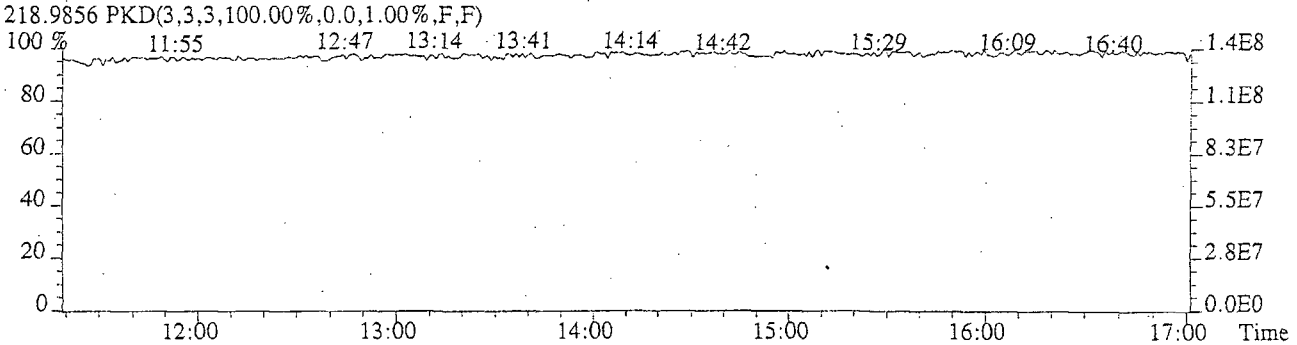
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,17432.0,1.00%,F,F)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3004.0,1.00%,F,F)

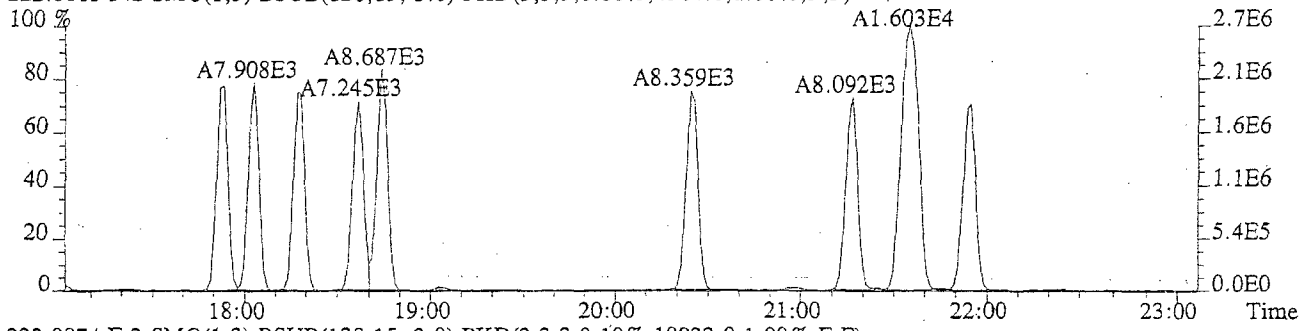


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

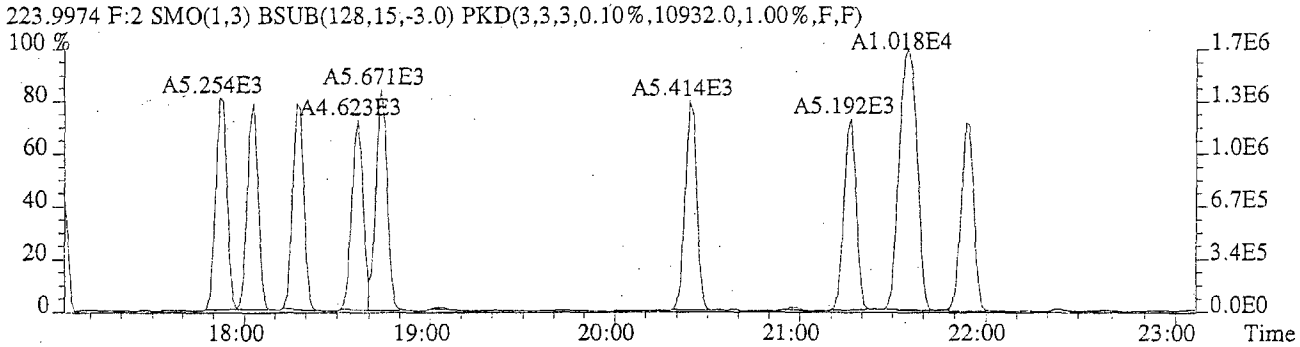


File:U133063 #1-336 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

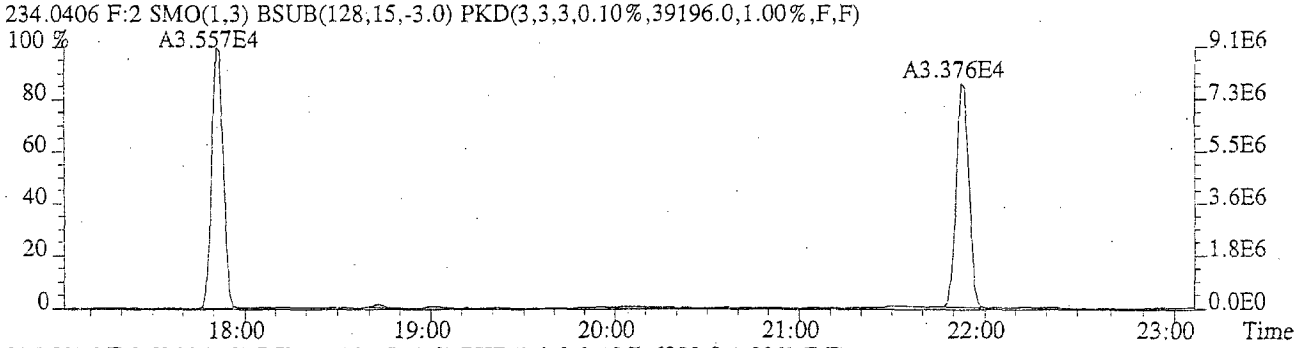
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4564.0,1.00%,F,F)



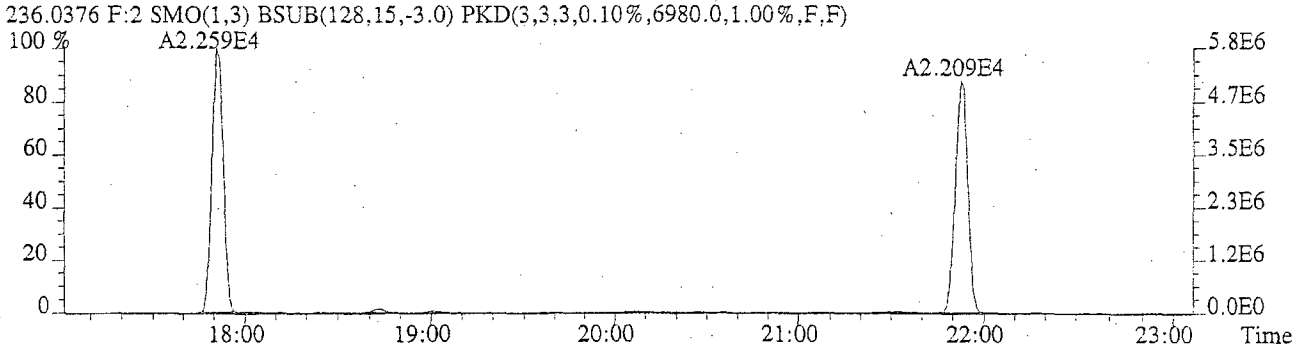
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10932.0,1.00%,F,F)



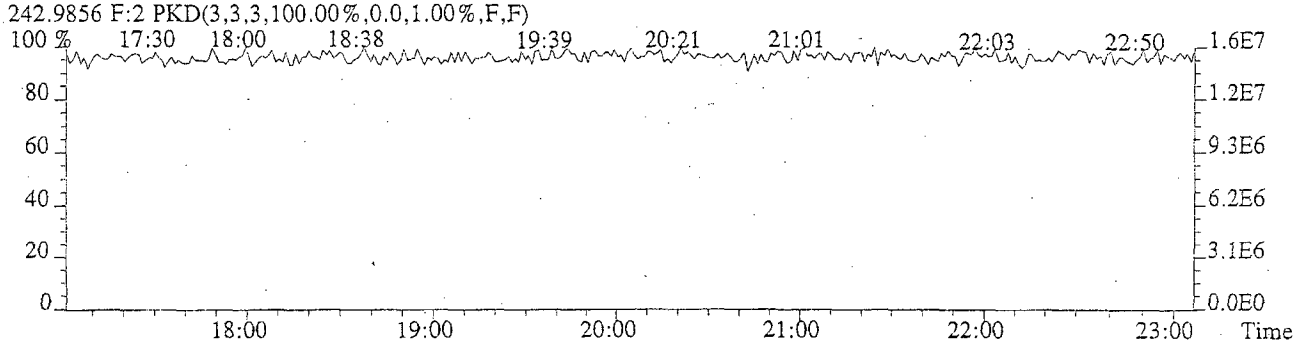
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,39196.0,1.00%,F,F)



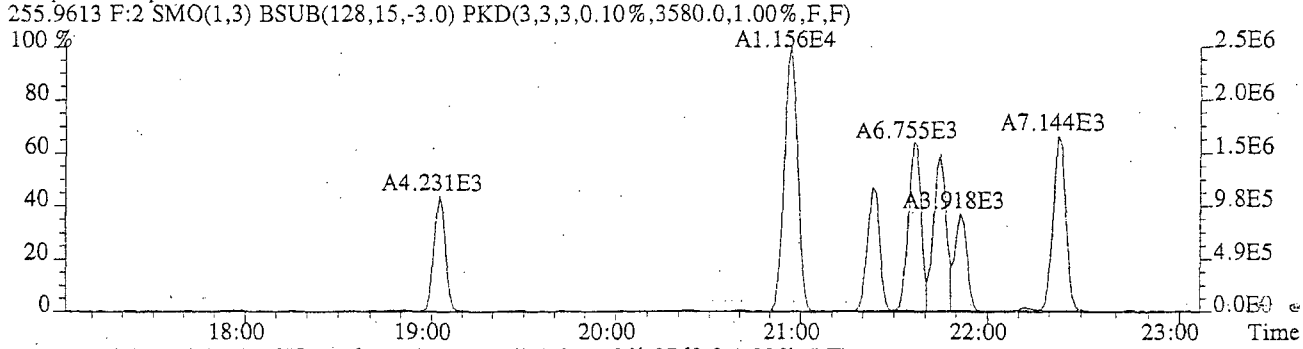
236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6980.0,1.00%,F,F)



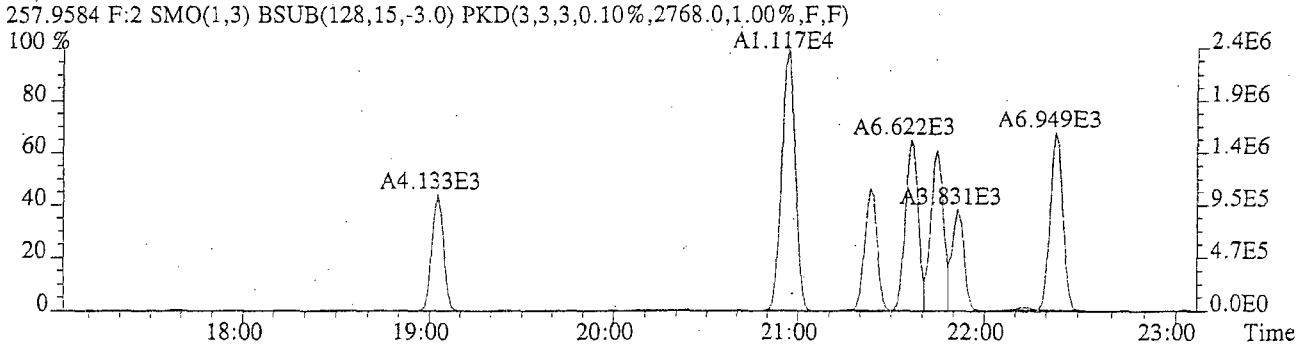
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



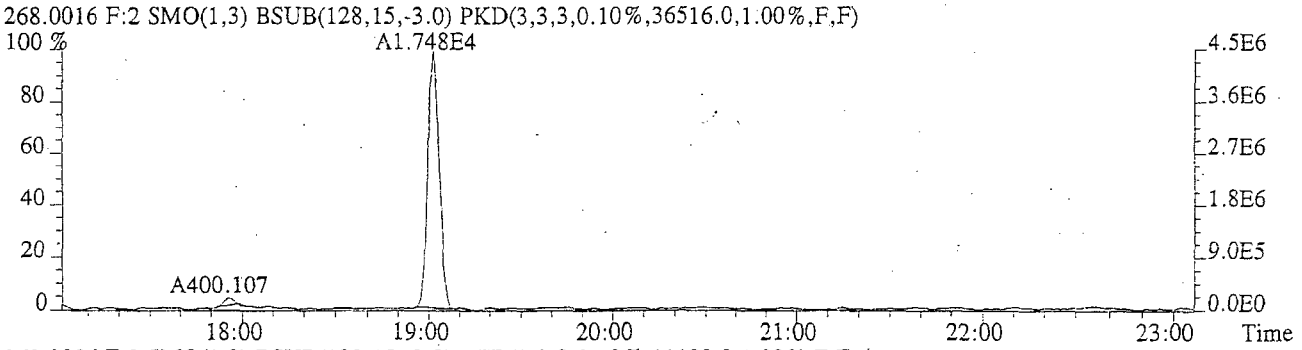
File:U133063 #1-336 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3580.0,1.00%,F,F)



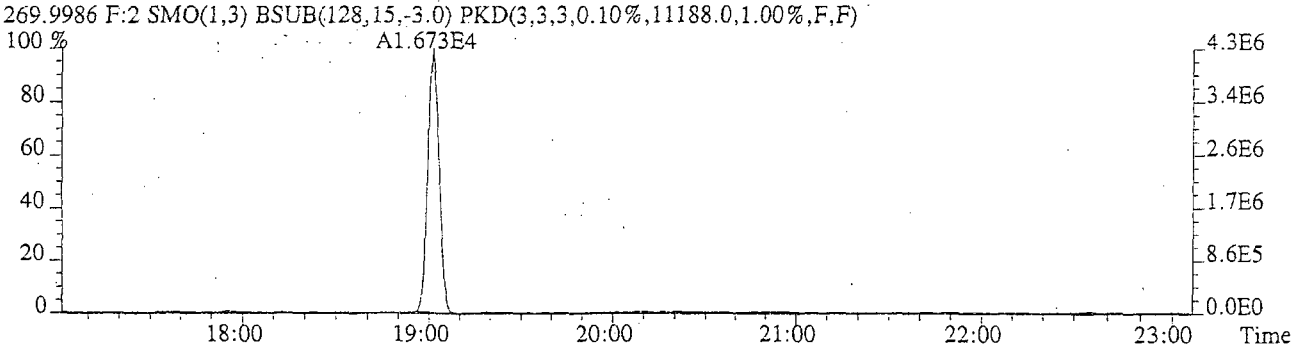
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2768.0,1.00%,F,F)



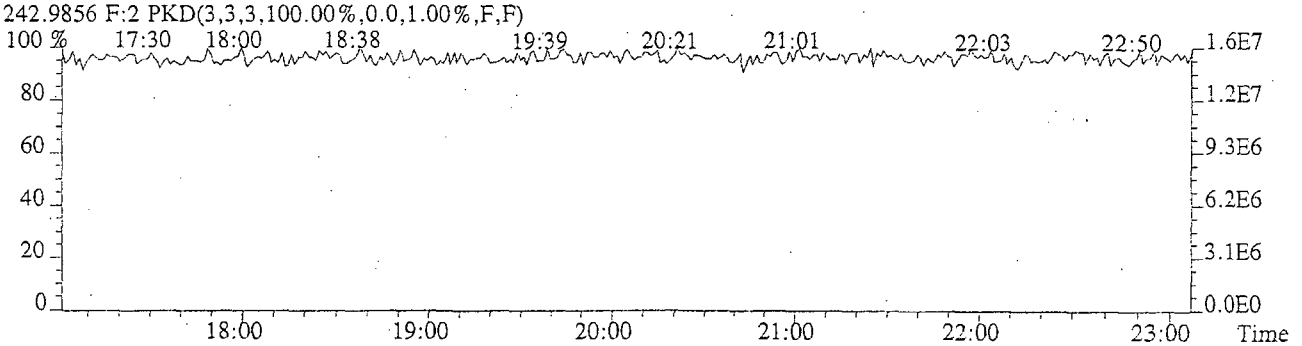
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,36516.0,1.00%,F,F)



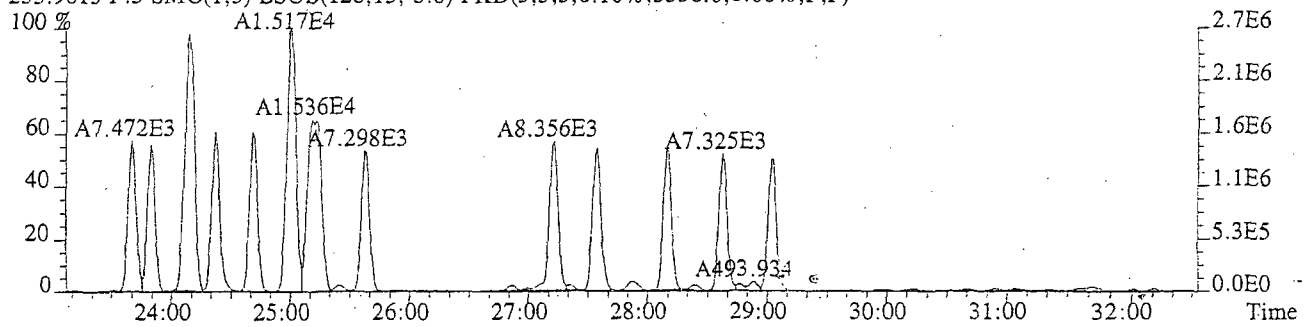
269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11188.0,1.00%,F,F)

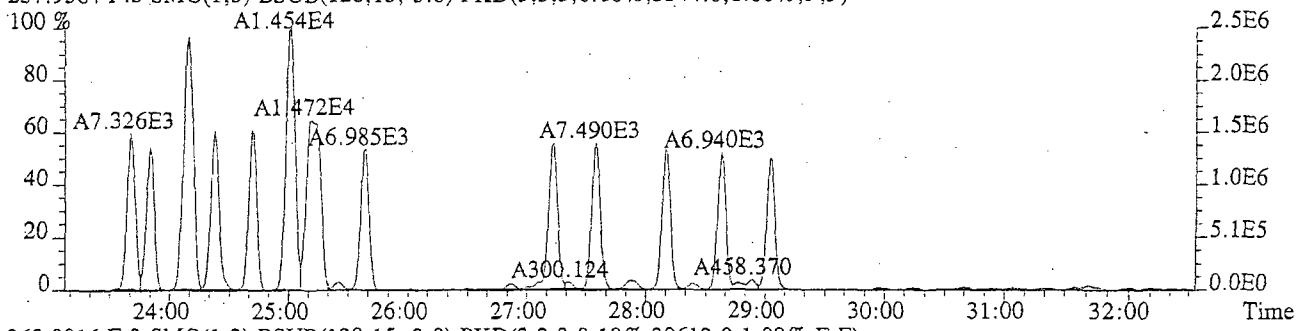


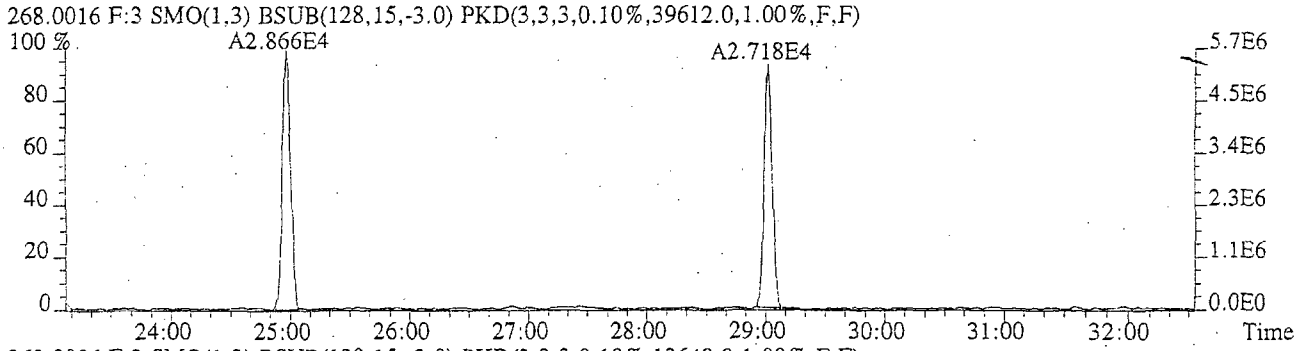
242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

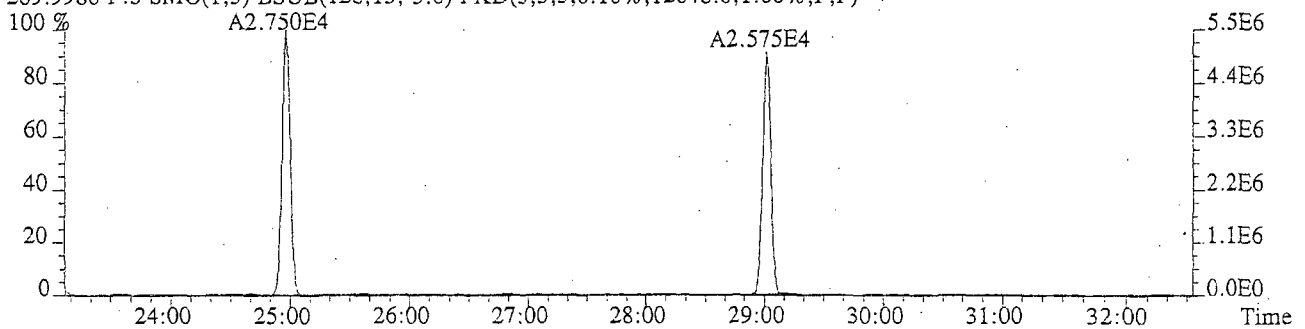


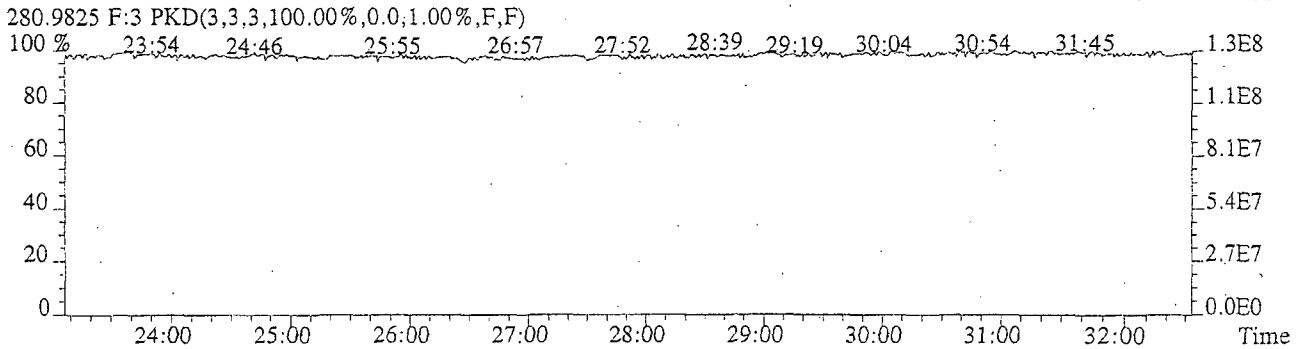
File:U133063 #1-603 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION





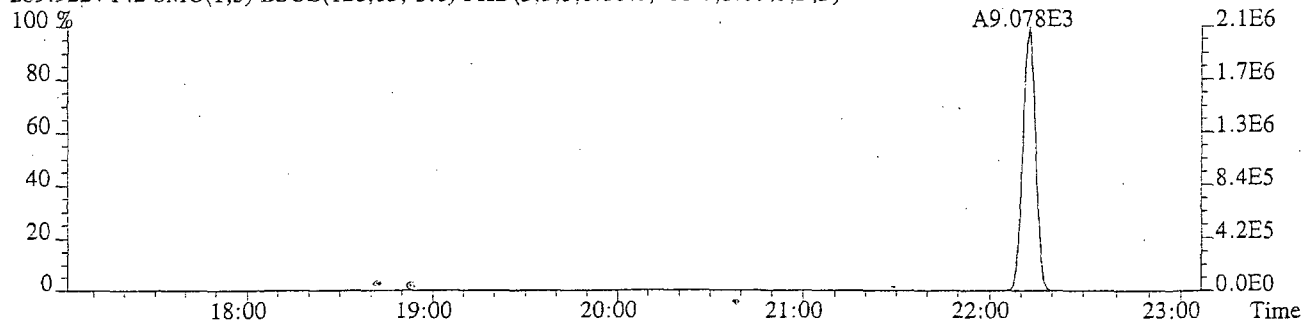




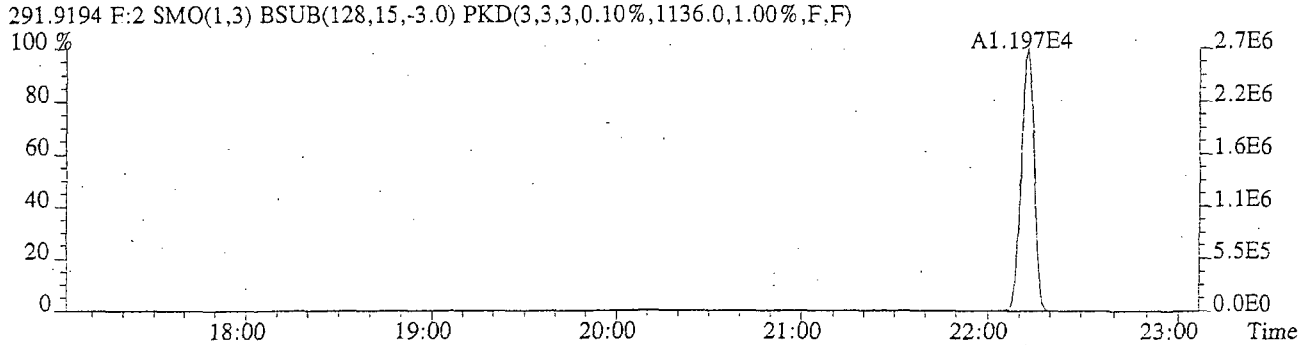


File:U133063 #1-336 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

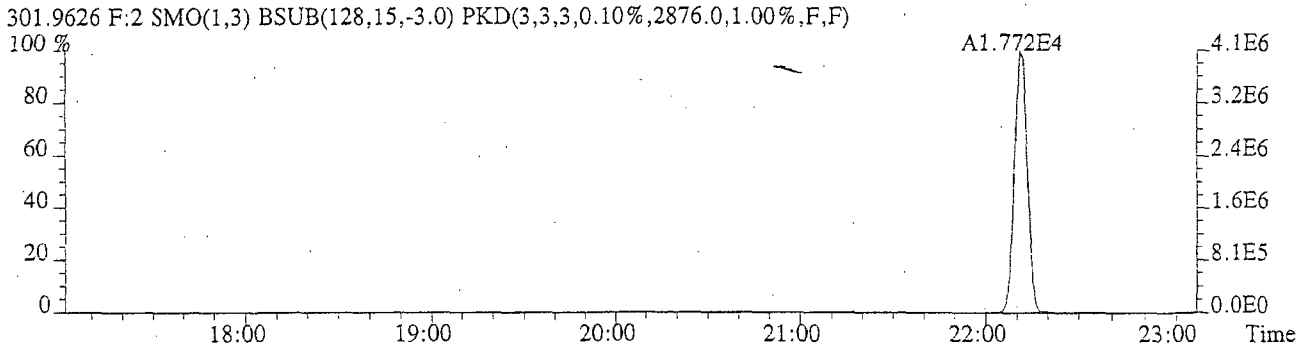
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,408.0,1.00%,F,F)



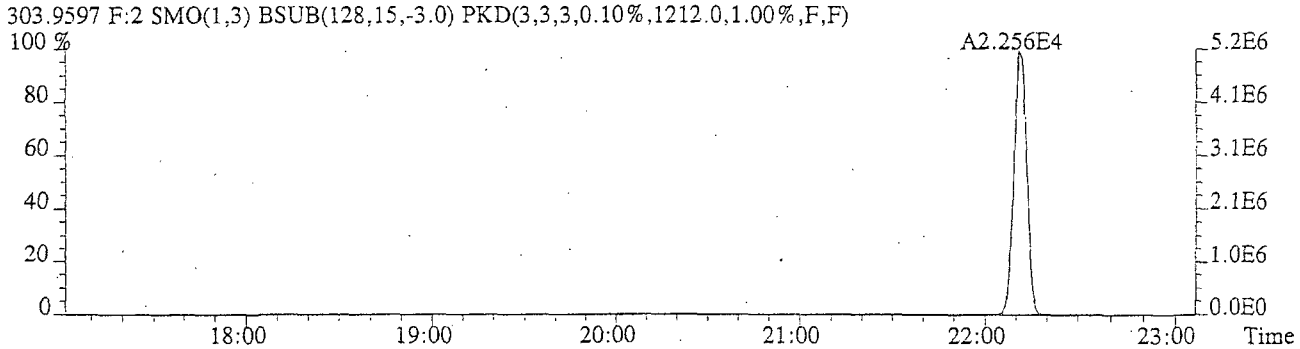
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1136.0,1.00%,F,F)



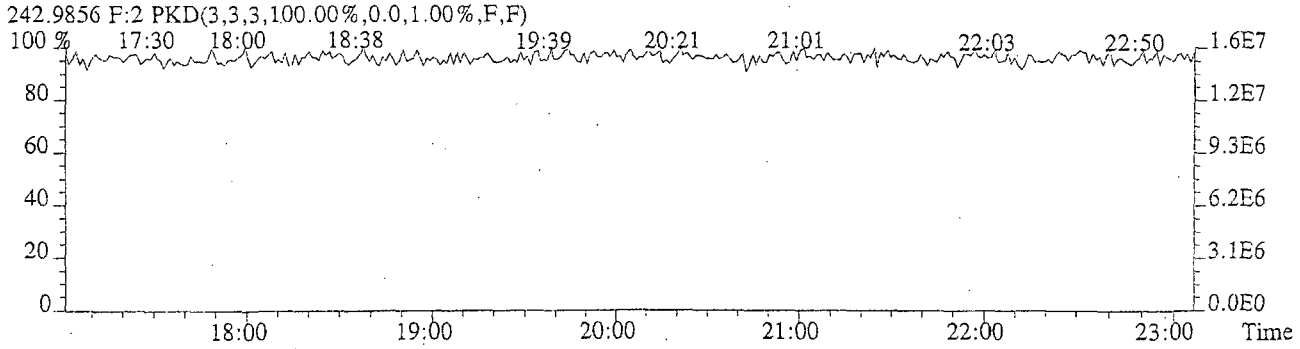
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2876.0,1.00%,F,F)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1212.0,1.00%,F,F)

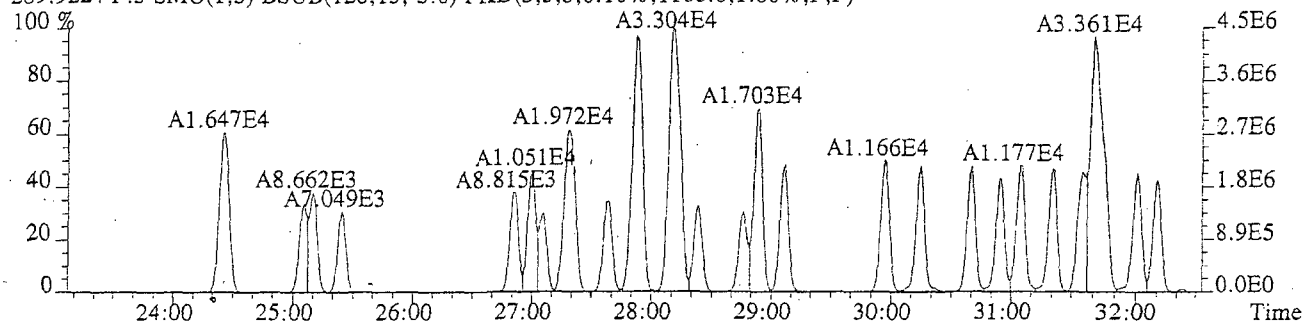


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

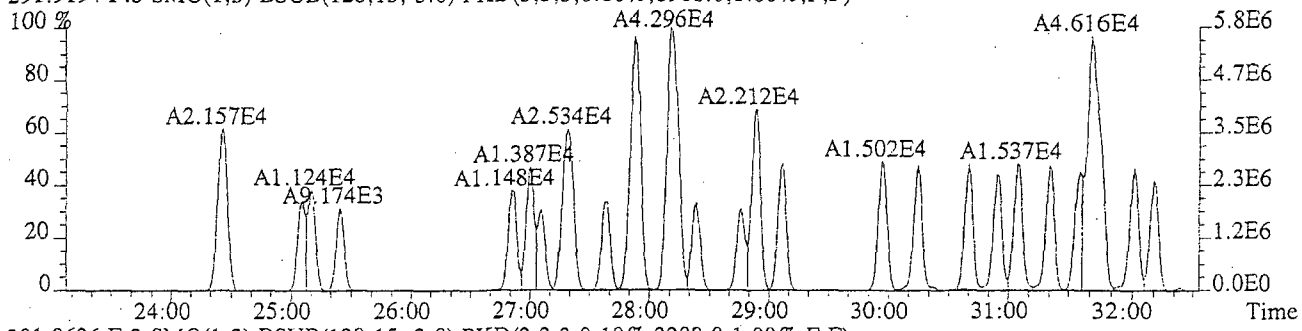


File:U133063 #1-603 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

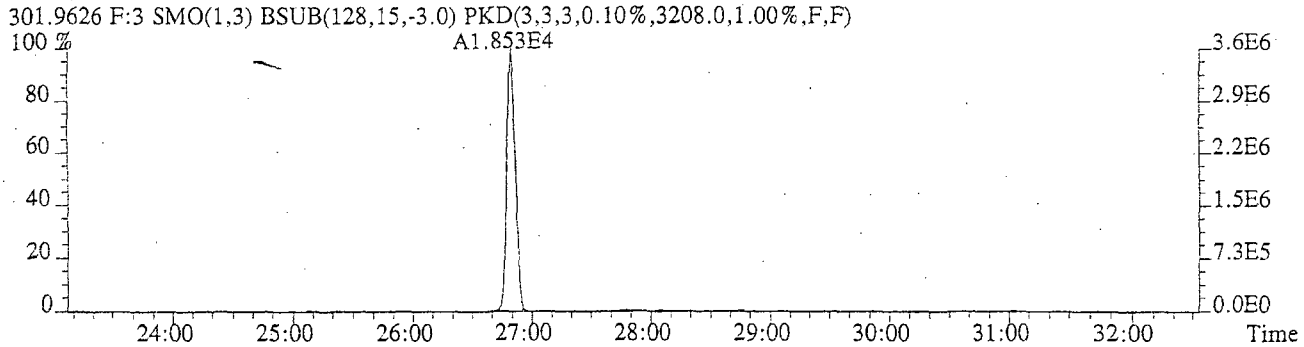
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1168.0,1.00%,F,F)



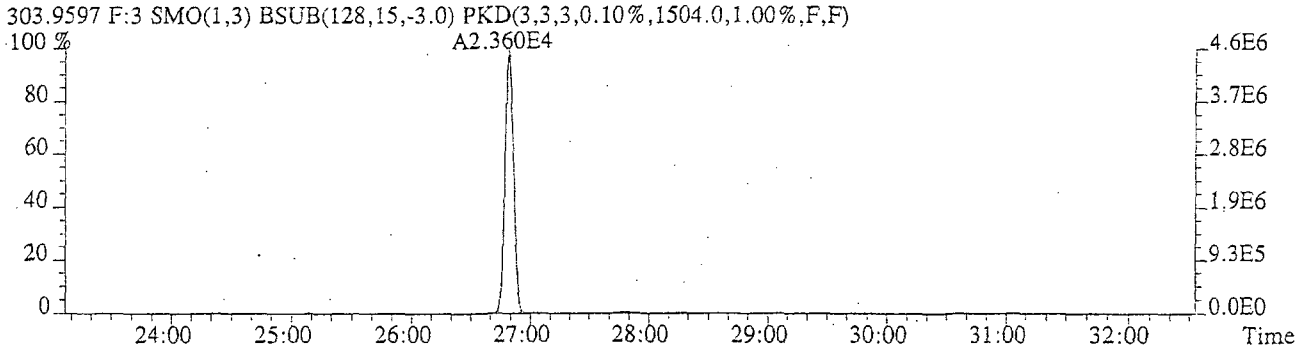
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1968.0,1.00%,F,F)



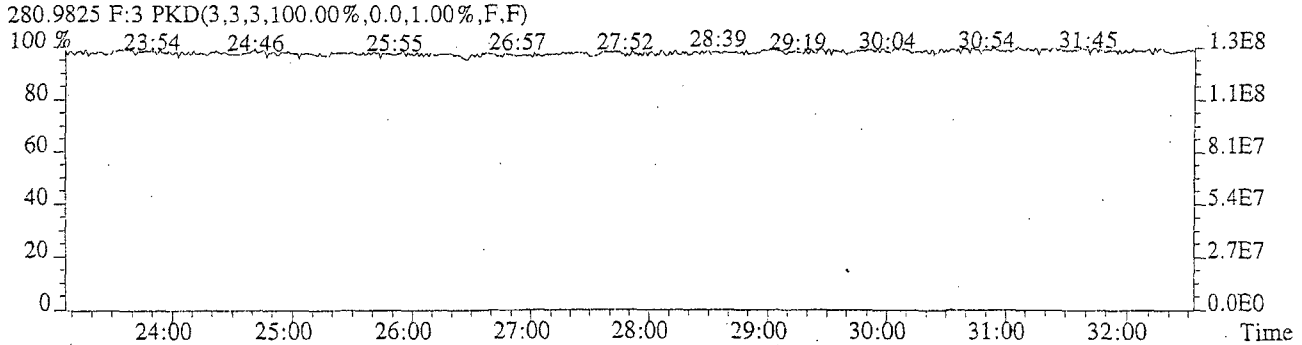
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3208.0,1.00%,F,F)



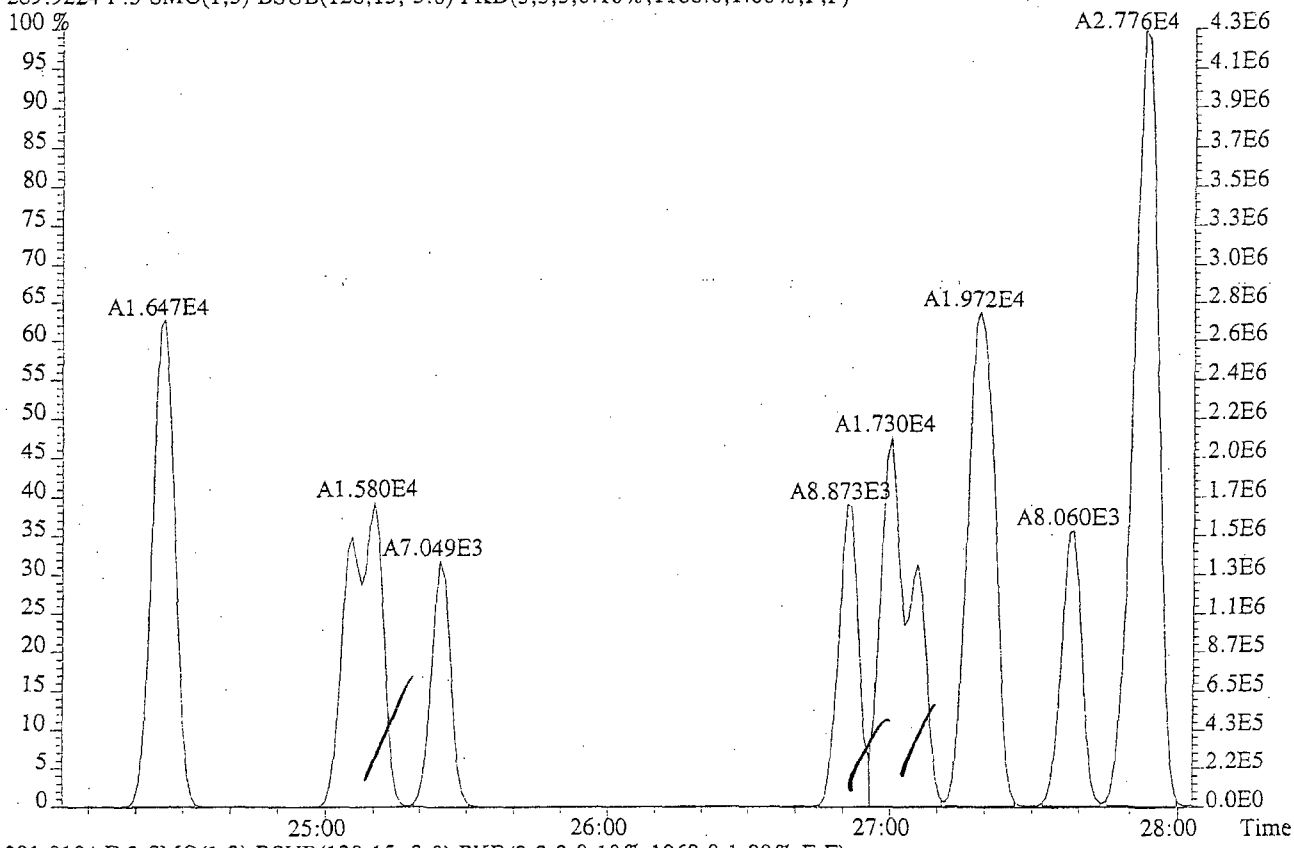
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1504.0,1.00%,F,F)



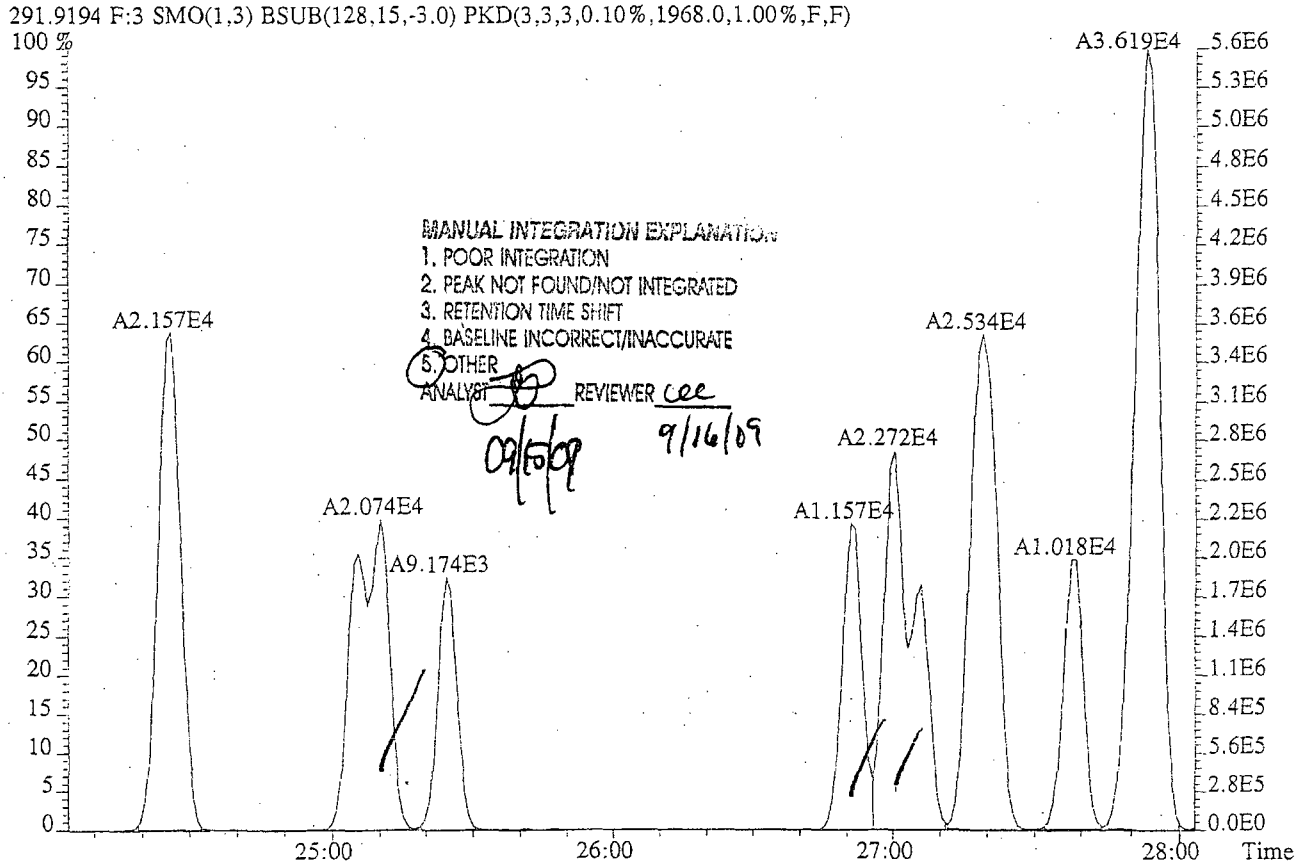
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U133063 #1-603 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1168.0,1.00%,F,F)

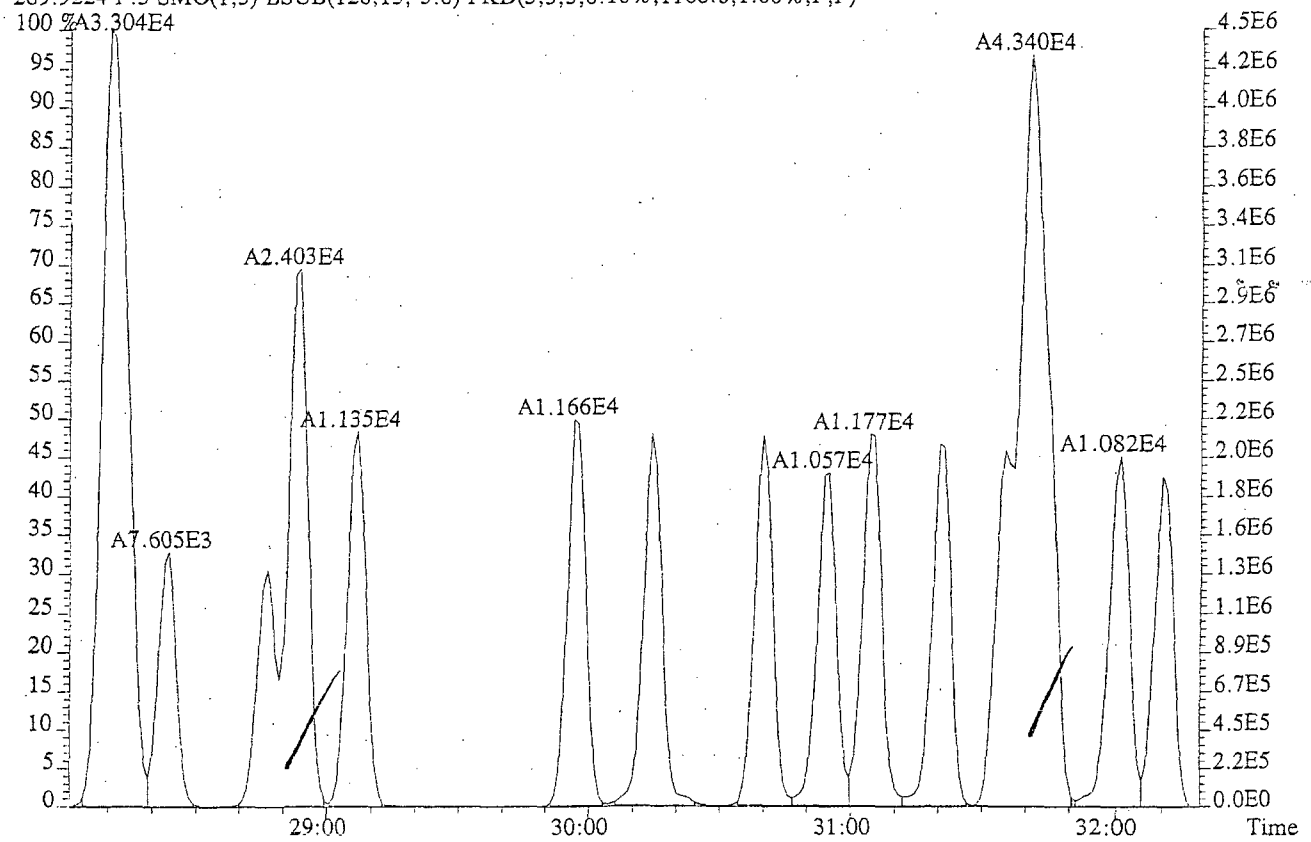


291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1968.0,1.00%,F,F)

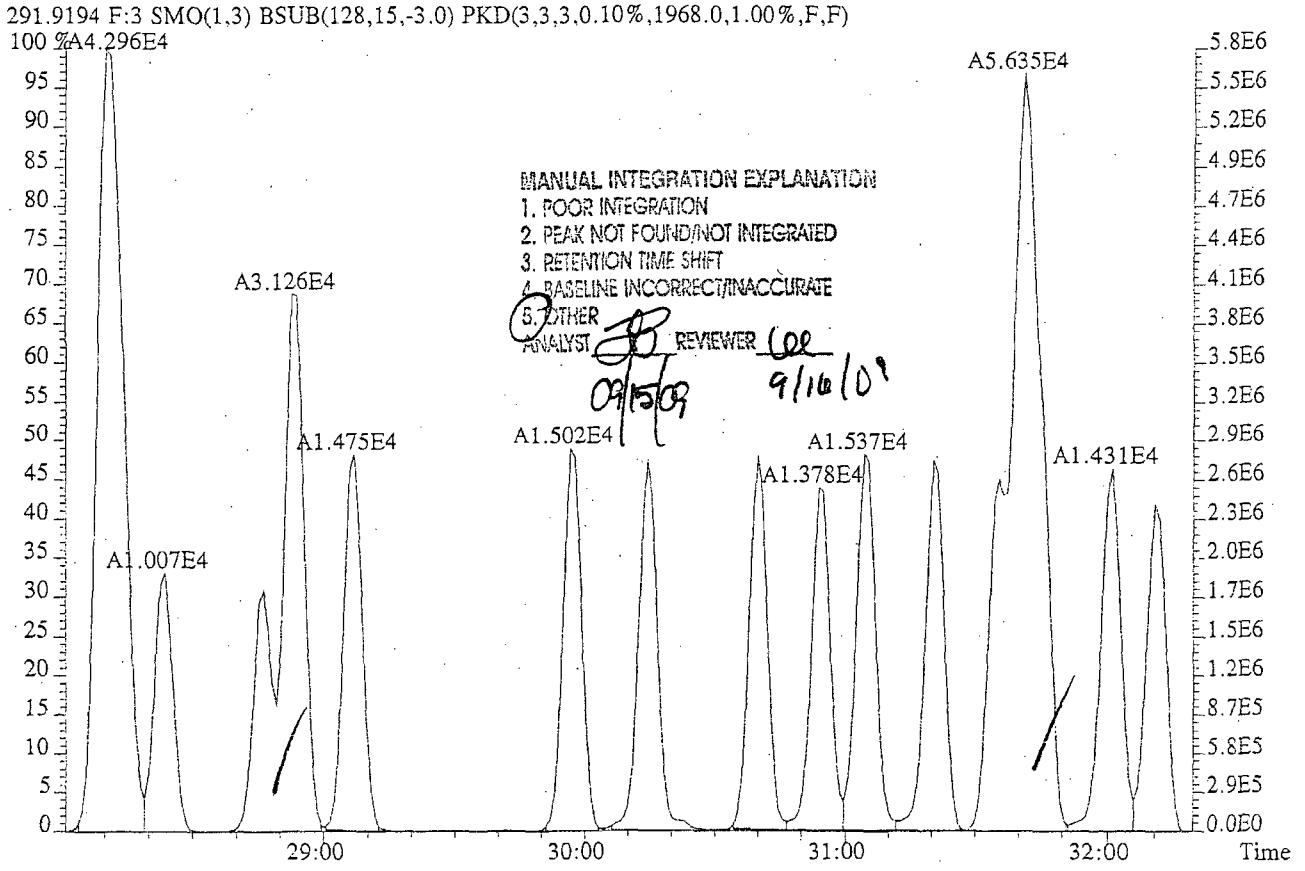


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST 09/15/09 REVIEWER cee 9/16/09

File:U133063 #1-603 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1168.0,1.00%,F,F)



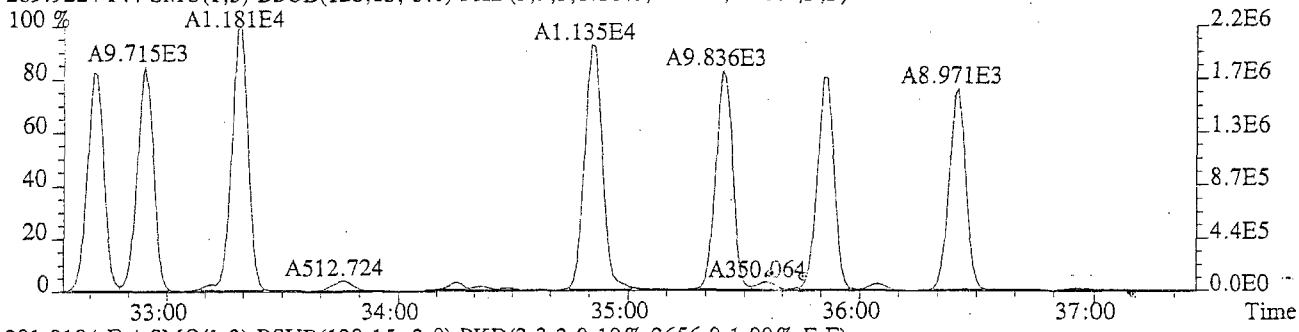
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1968.0,1.00%,F,F)



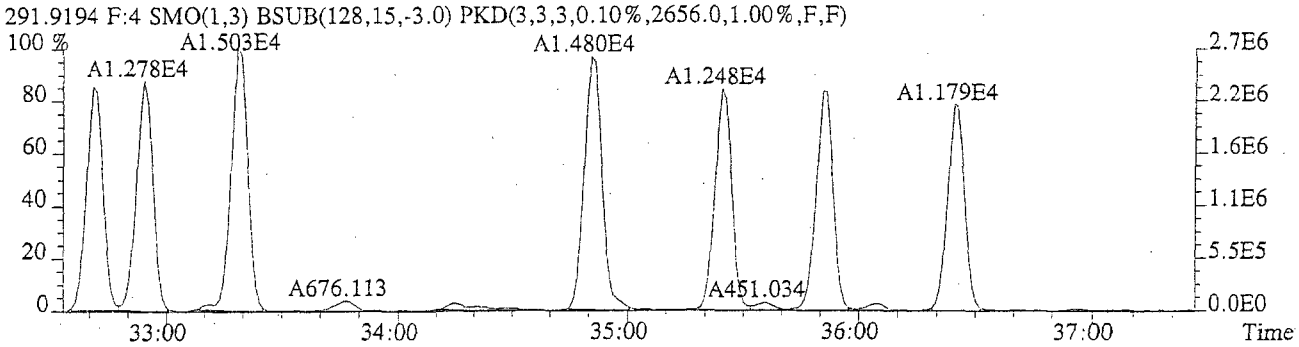
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST [signature] REVIEWER [signature]
09/15/09 9/16/09

File:U133063 #1-312 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

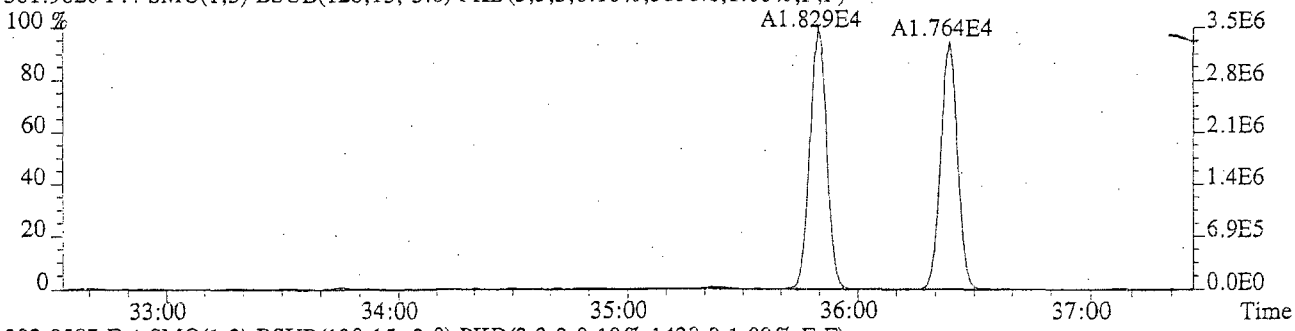
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4444.0,1.00%,F,F)



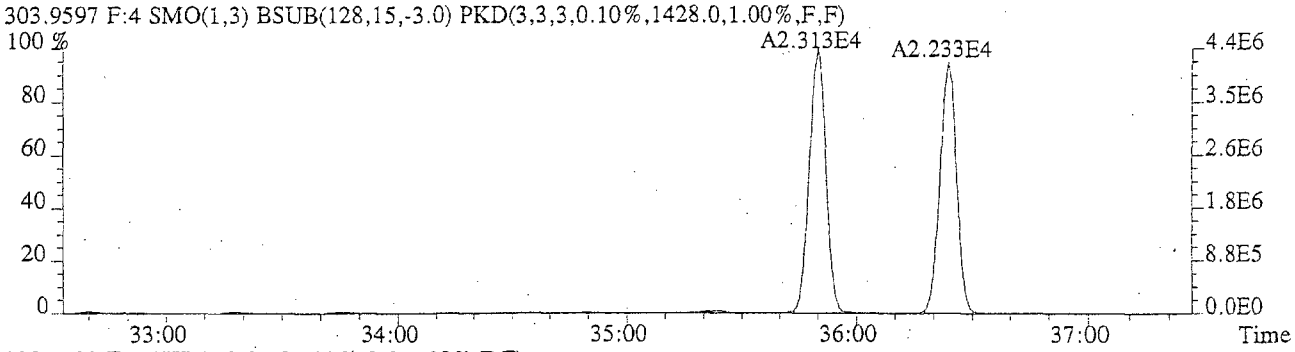
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2656.0,1.00%,F,F)



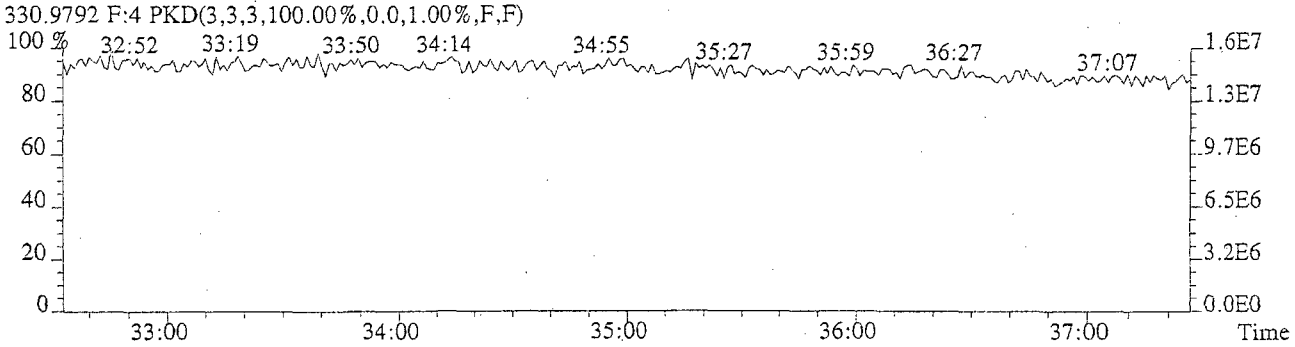
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3856.0,1.00%,F,F)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1428.0,1.00%,F,F)

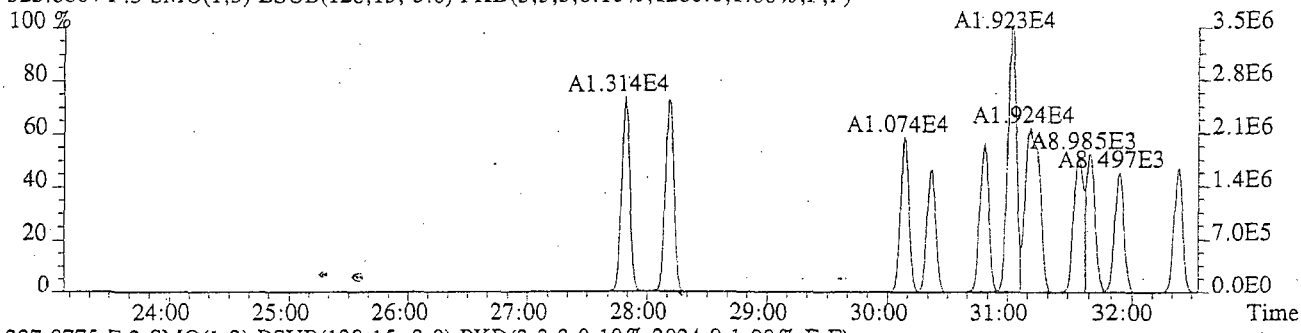


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

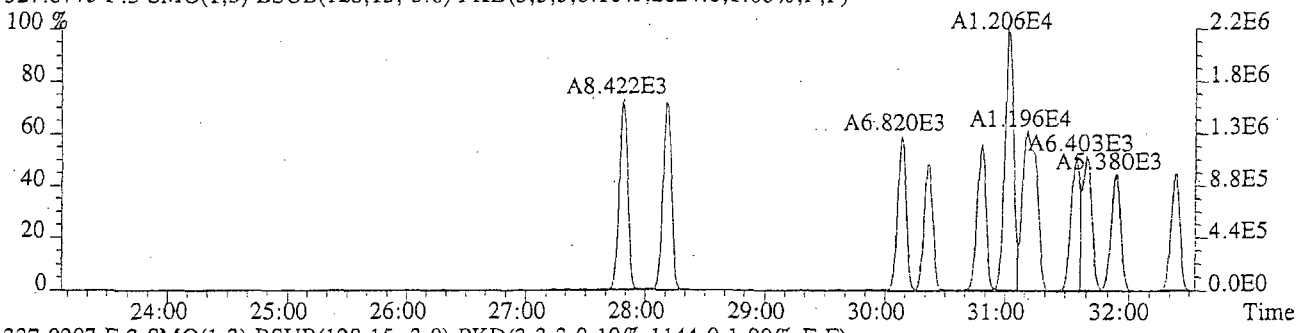


File:U133063 #1-603 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION

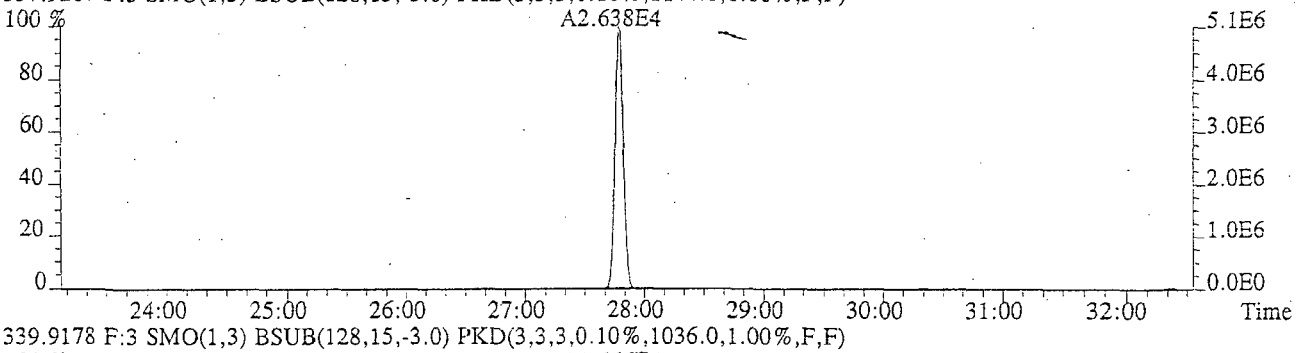
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,F)



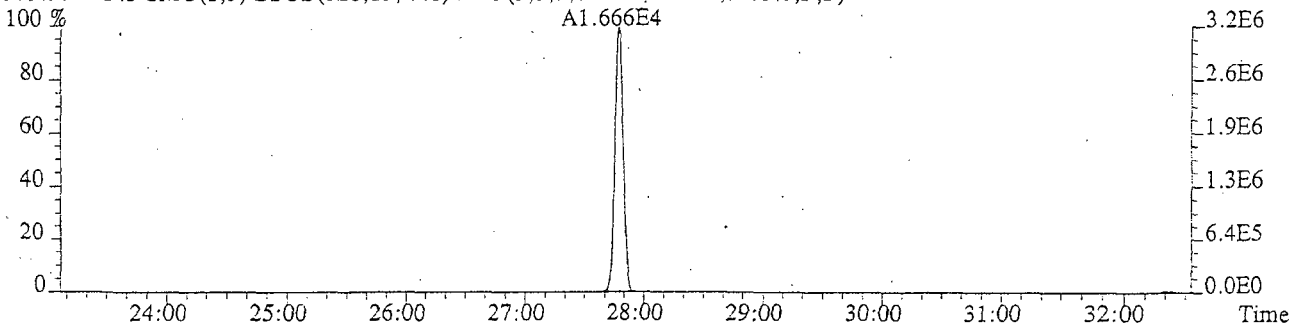
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2024.0,1.00%,F,F)



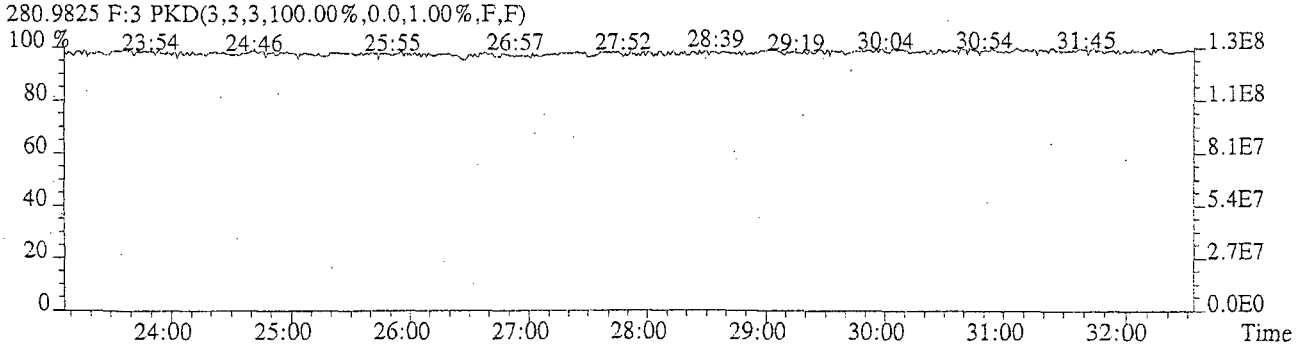
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1144.0,1.00%,F,F)



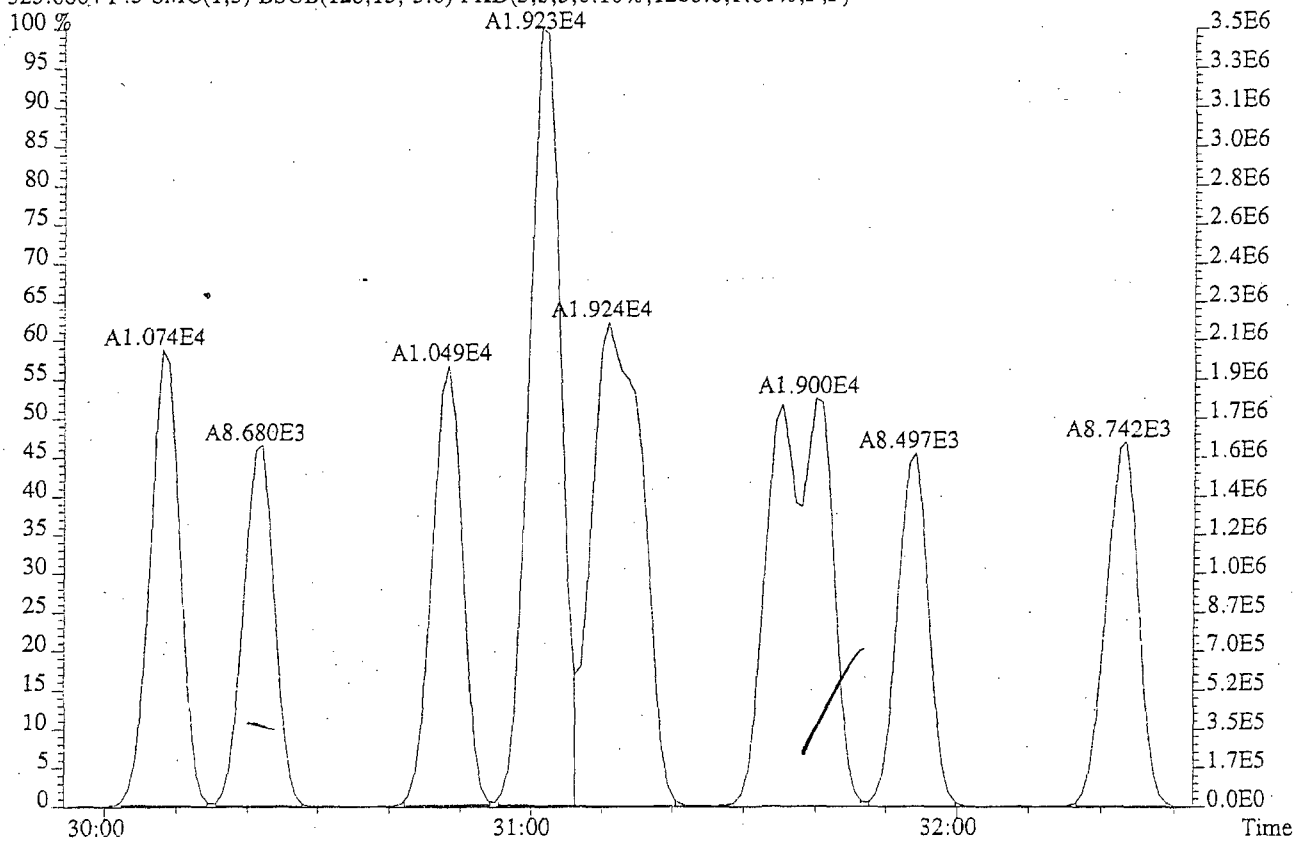
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1036.0,1.00%,F,F)



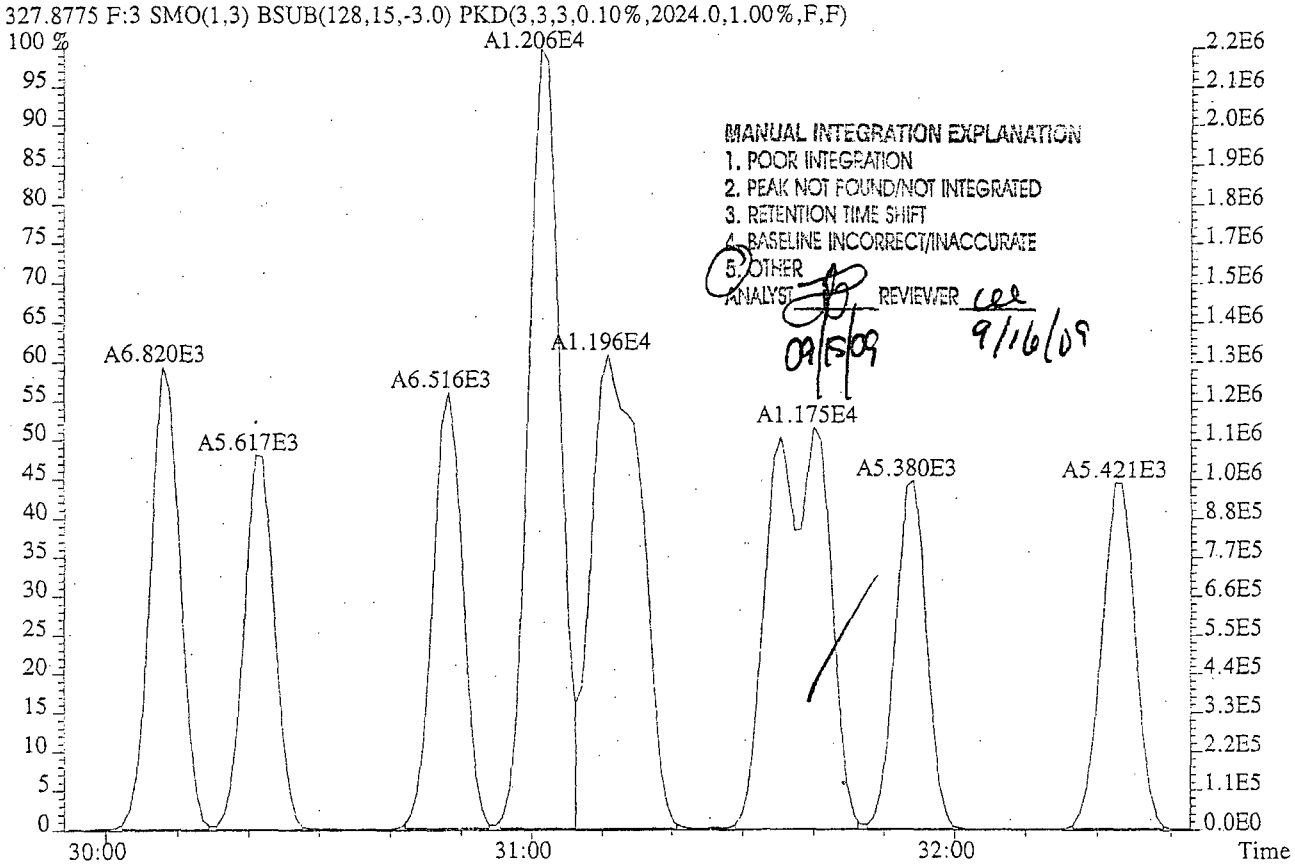
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U133063 #1-603 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1280.0,1.00%,F,F)



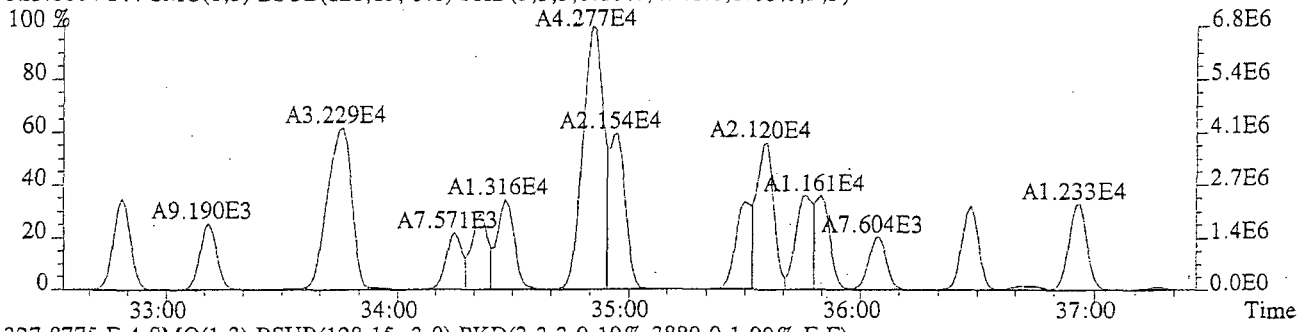
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2024.0,1.00%,F,F)



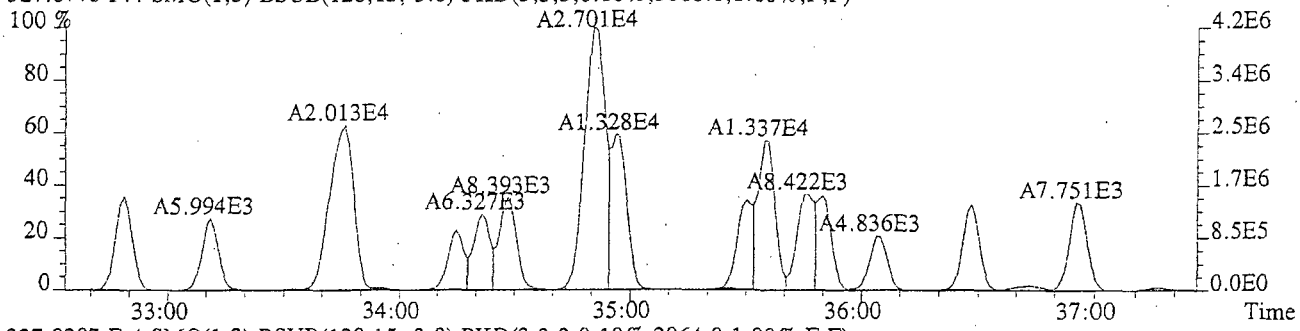
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST 09/15/09 REVIEWER 9/16/09

File:U133063 #1-312 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

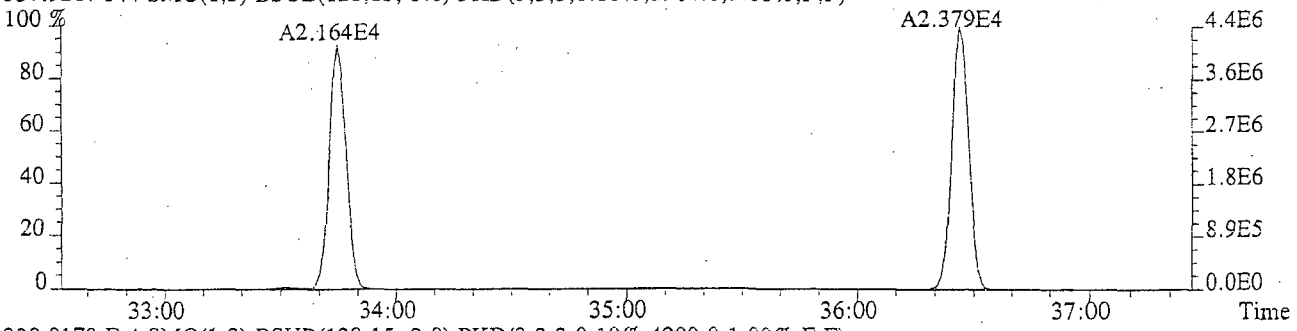
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1548.0,1.00%,F,F)



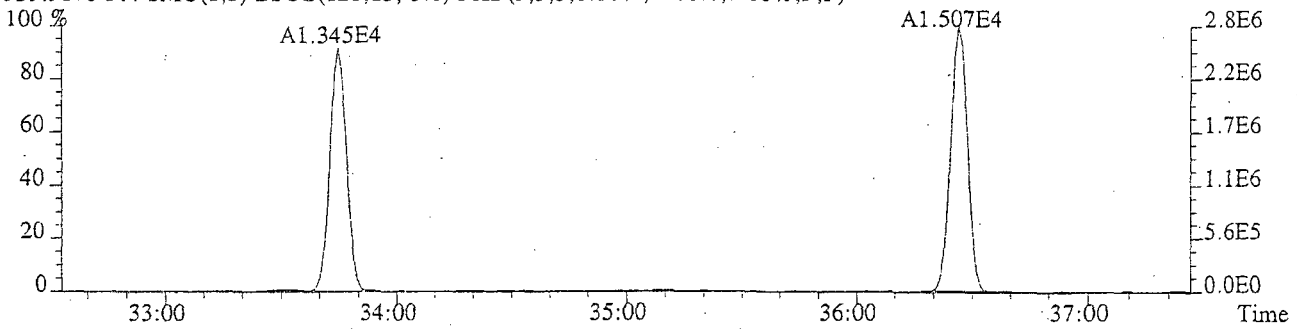
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3880.0,1.00%,F,F)



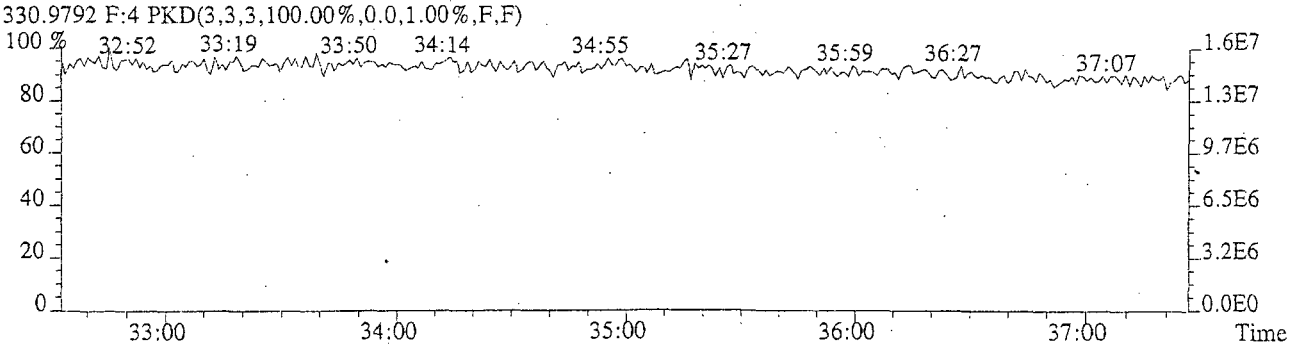
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3964.0,1.00%,F,F)



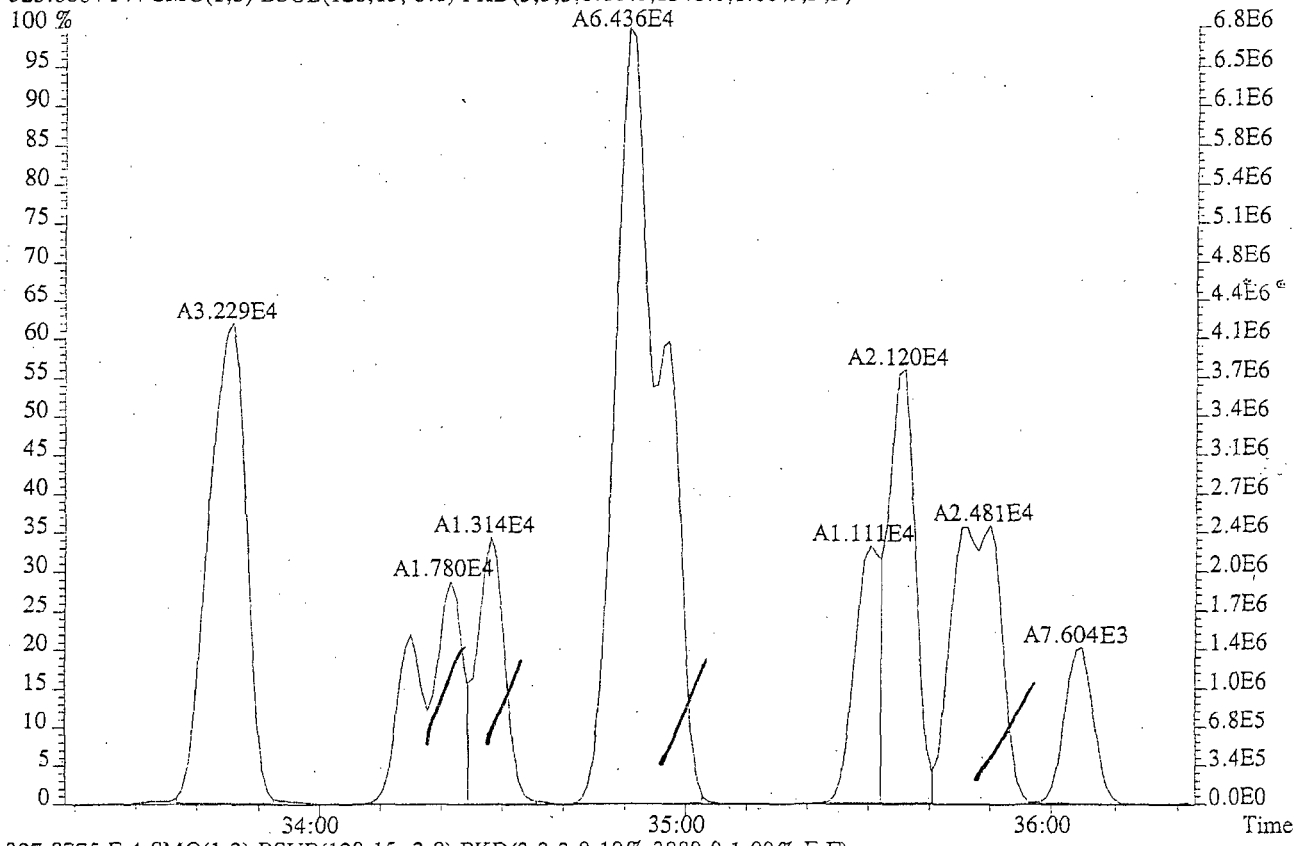
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4200.0,1.00%,F,F)



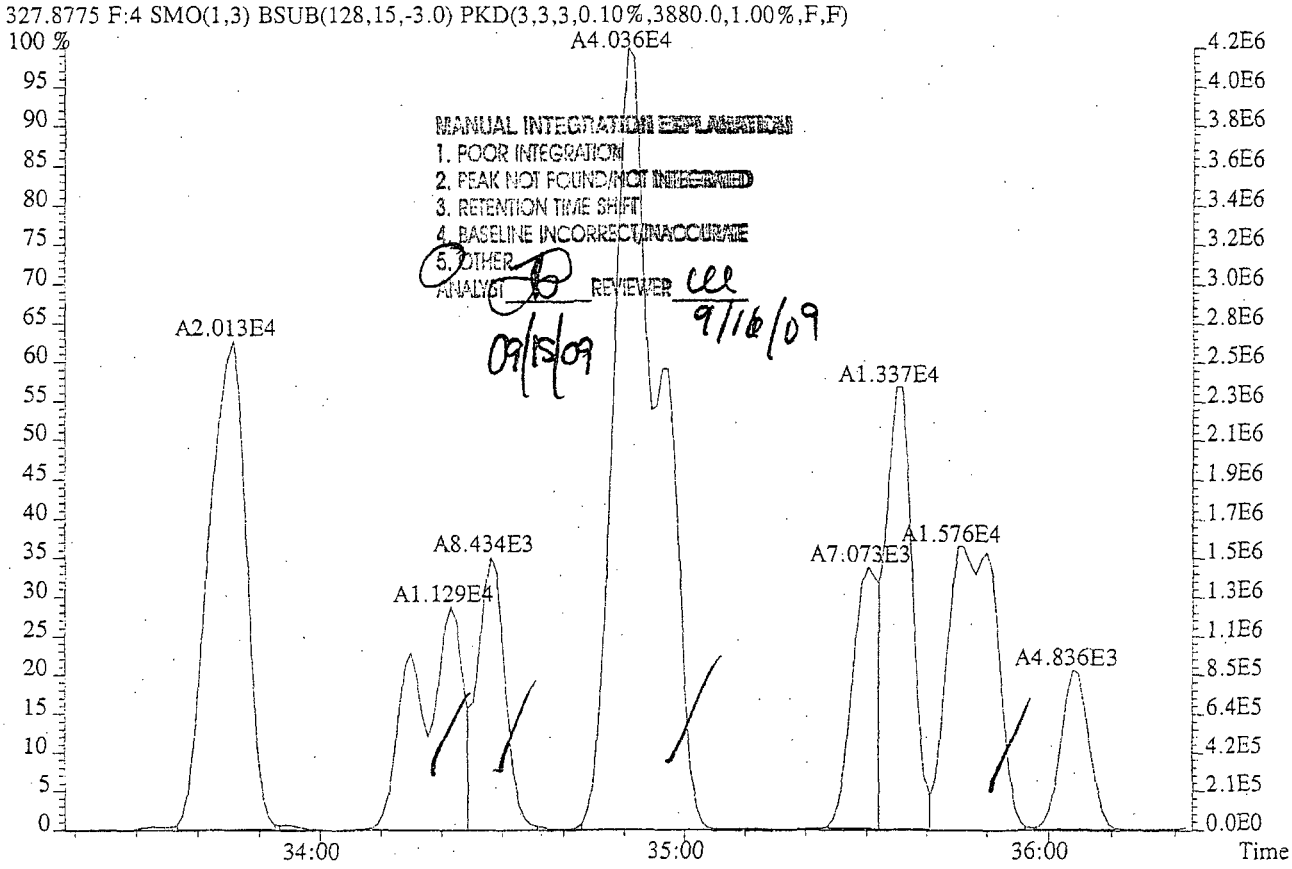
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U133063 #1-312 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1548.0,1.00%,F,F)



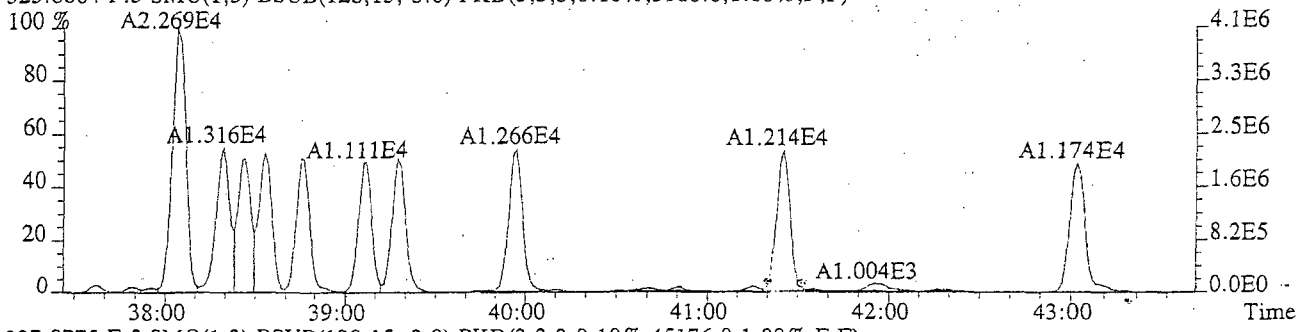
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3880.0,1.00%,F,F)



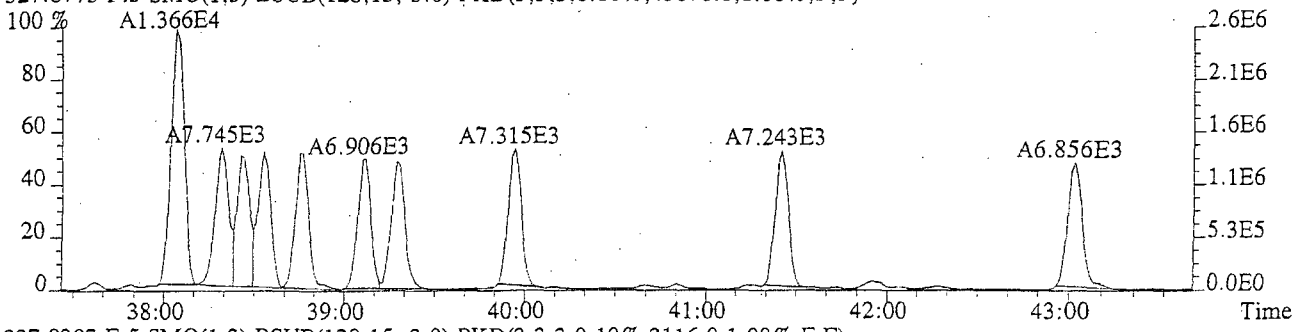
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST [illegible] 09/15/09 REVIEWER [illegible] 9/16/09

File:U133063 #1-398 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spect
Sample#1 Exp:PCB 209 INJECTION

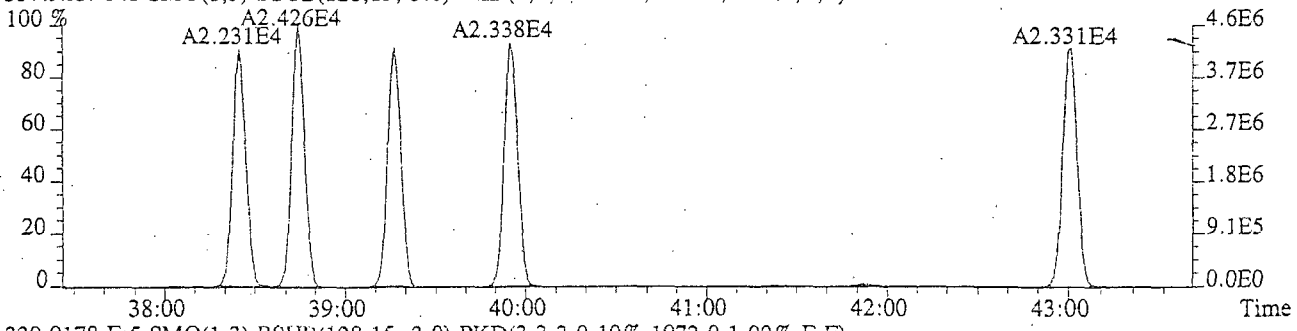
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3180.0,1.00%,F,F)



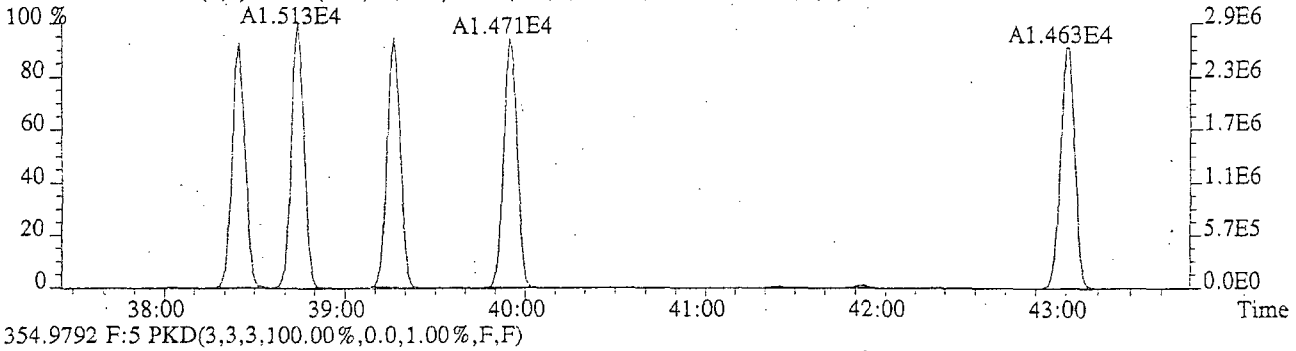
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,45176.0,1.00%,F,F)



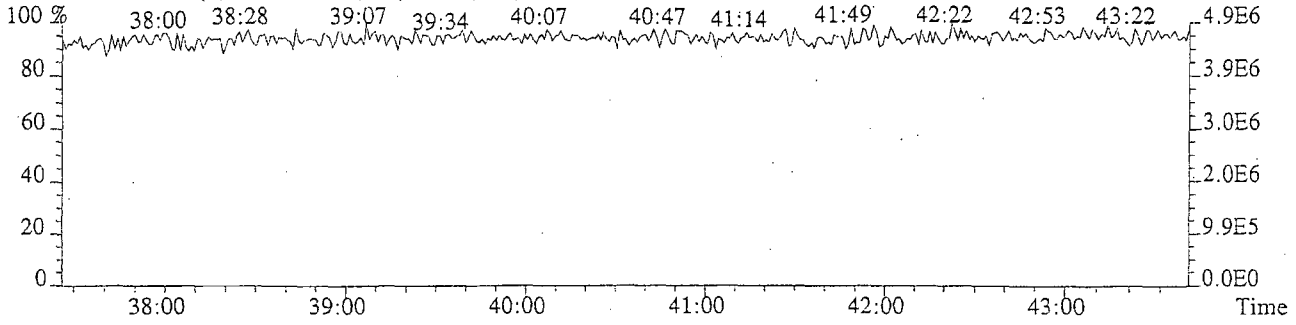
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2116.0,1.00%,F,F)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1972.0,1.00%,F,F)

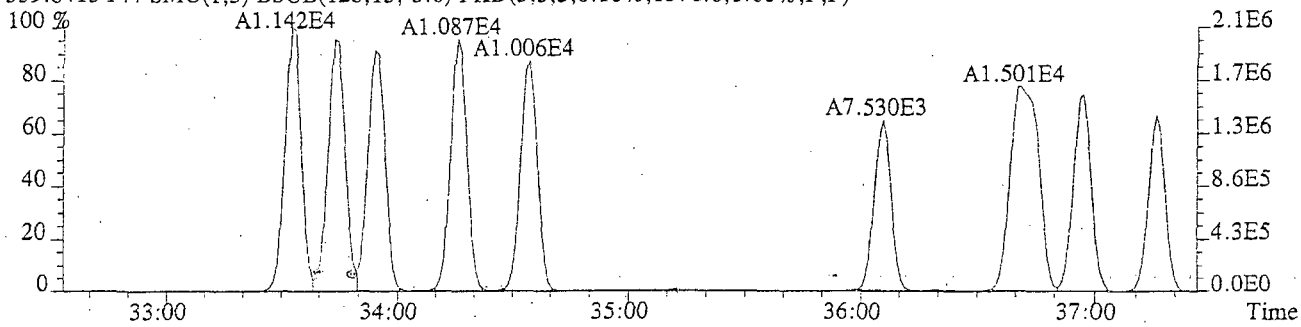


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

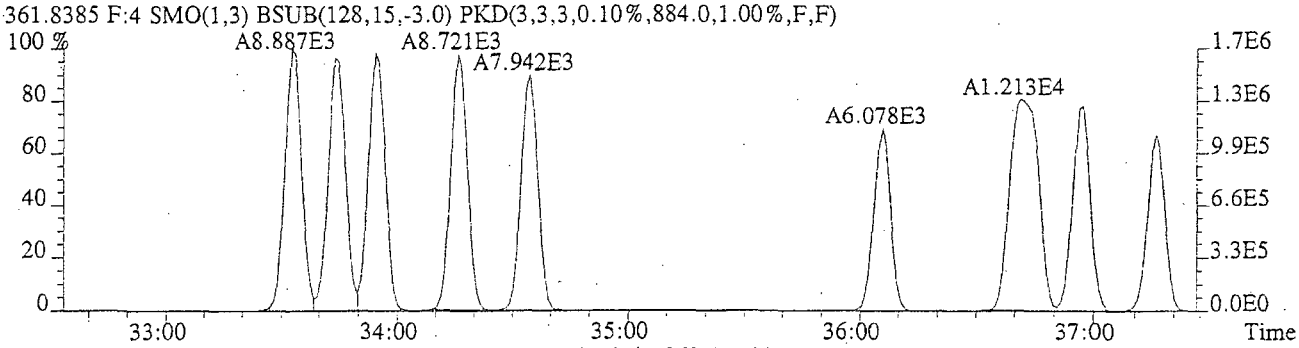


File:U133063 #1-312 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

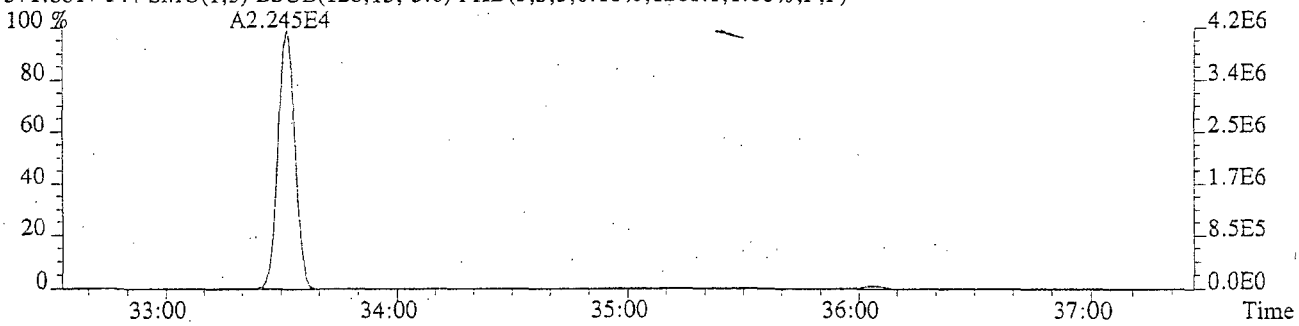
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1576.0,1.00%,F,F)



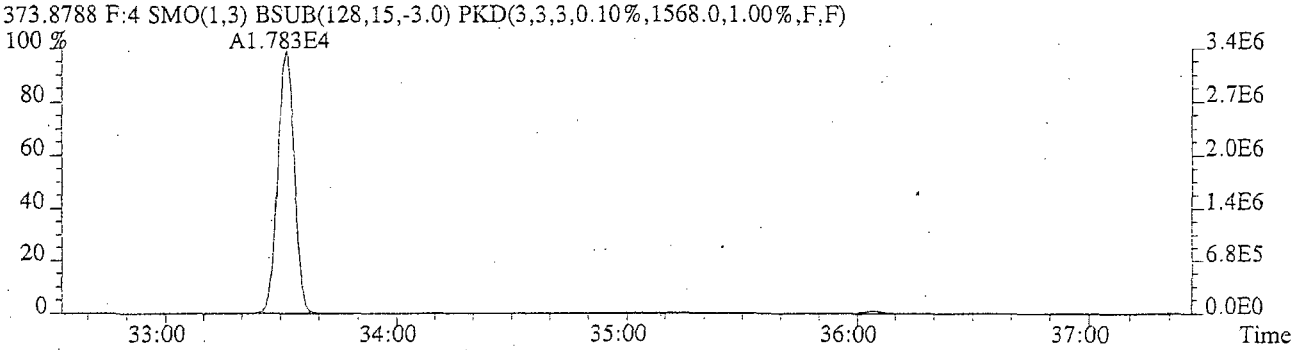
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,884.0,1.00%,F,F)



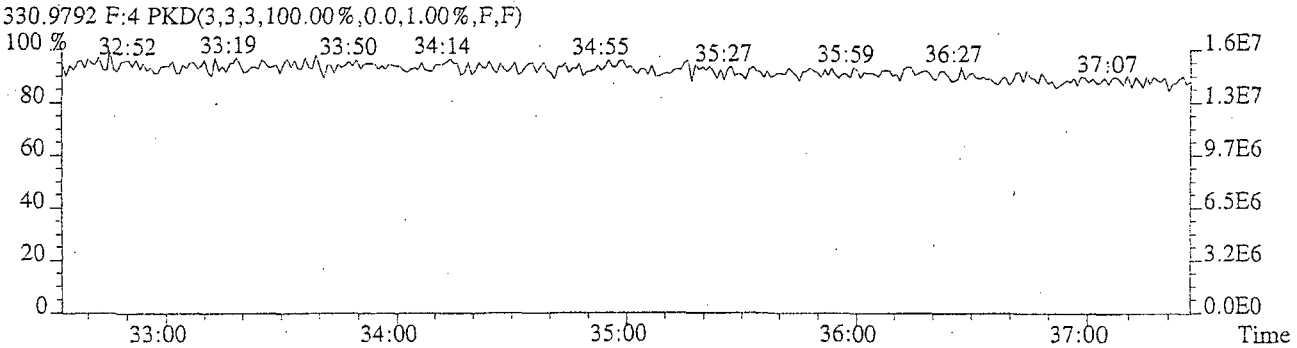
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1260.0,1.00%,F,F)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1568.0,1.00%,F,F)

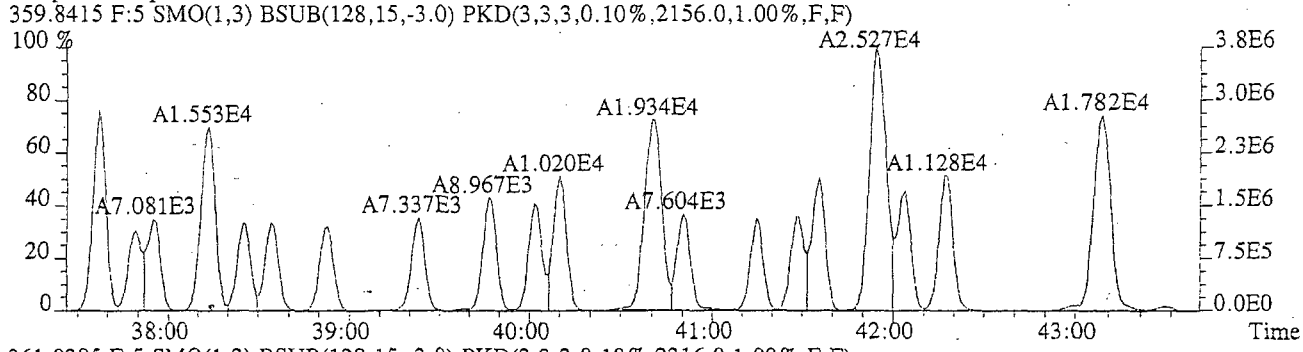


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

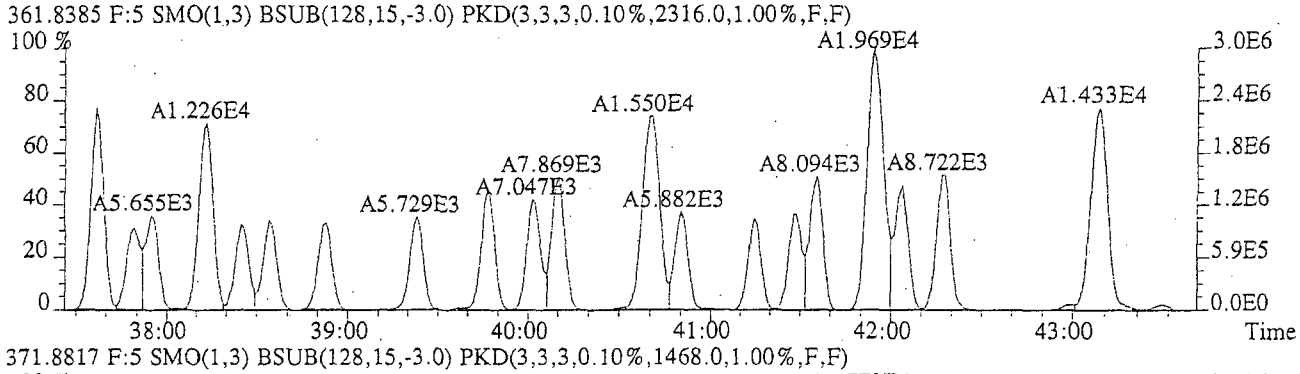


File:U133063 #1-398 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

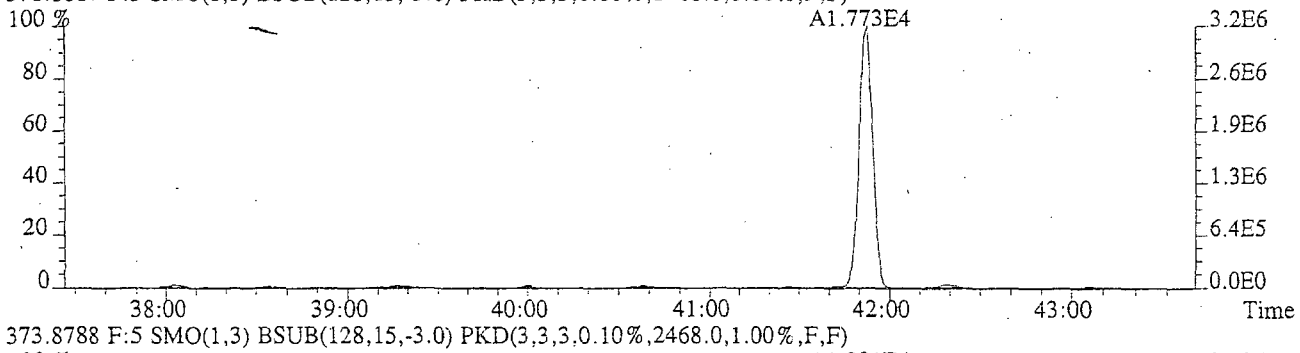
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2156.0,1.00%,F,F)



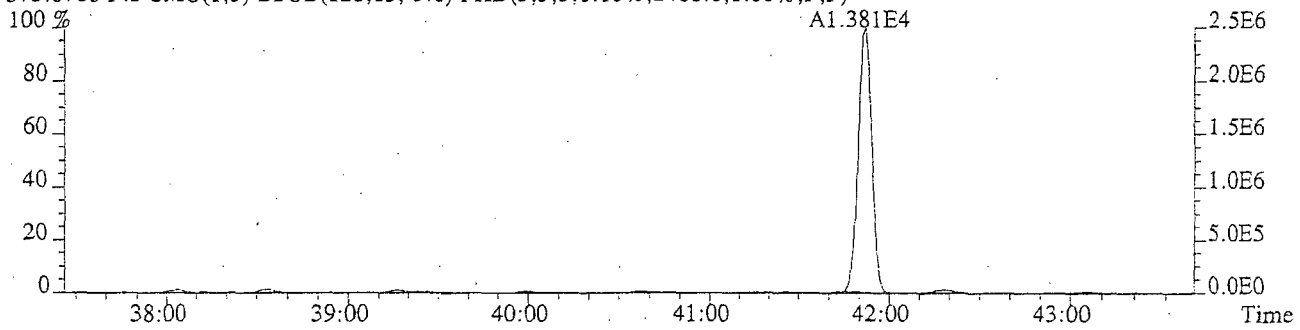
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2316.0,1.00%,F,F)



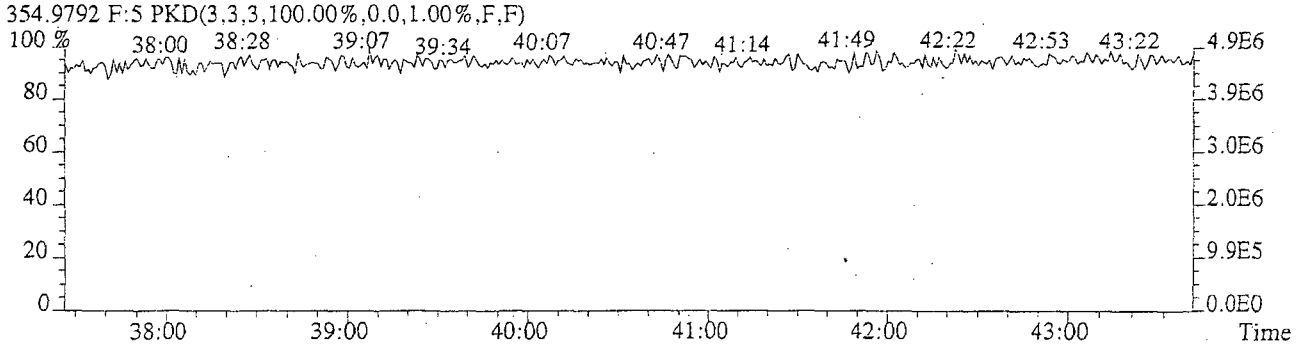
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1468.0,1.00%,F,F)



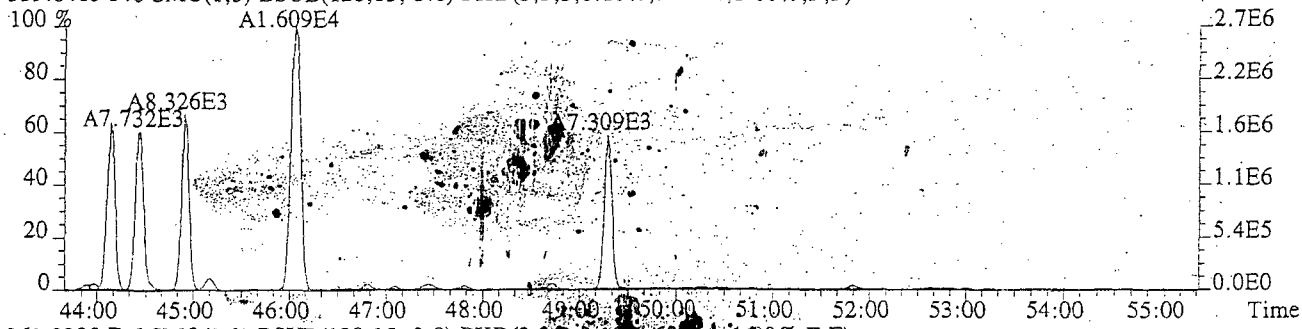
373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2468.0,1.00%,F,F)

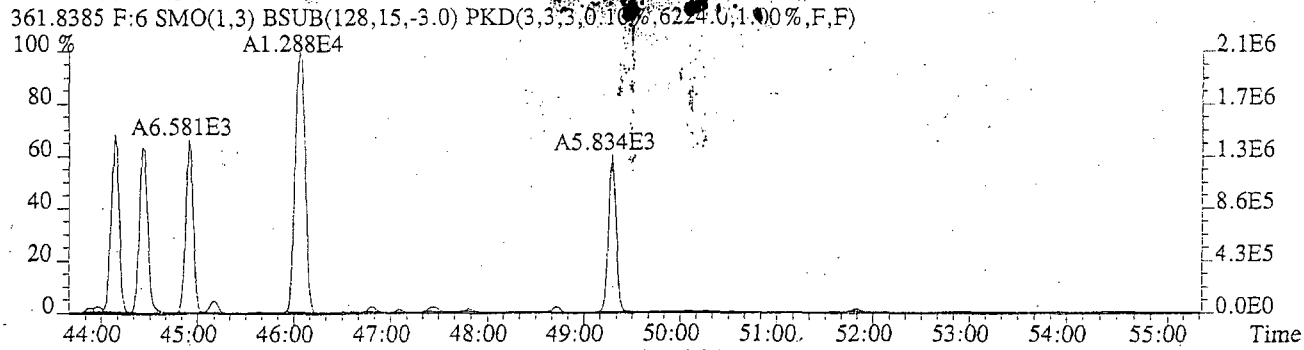


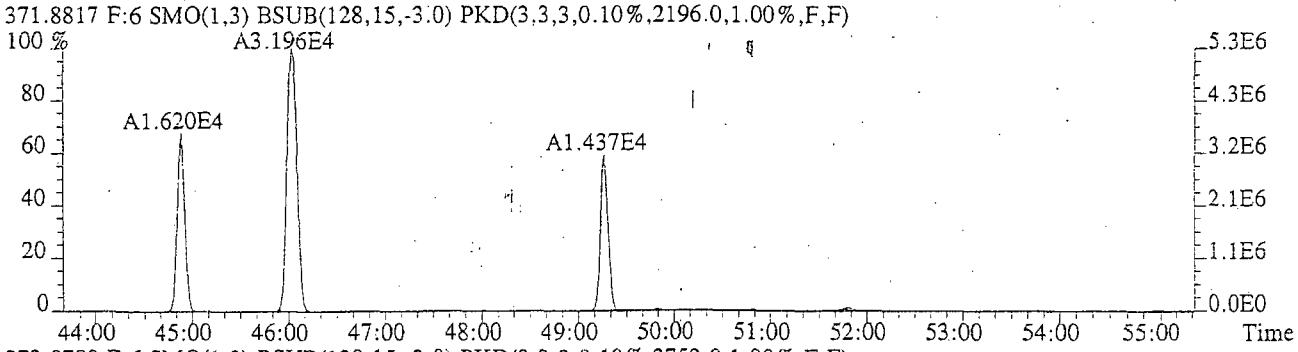
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

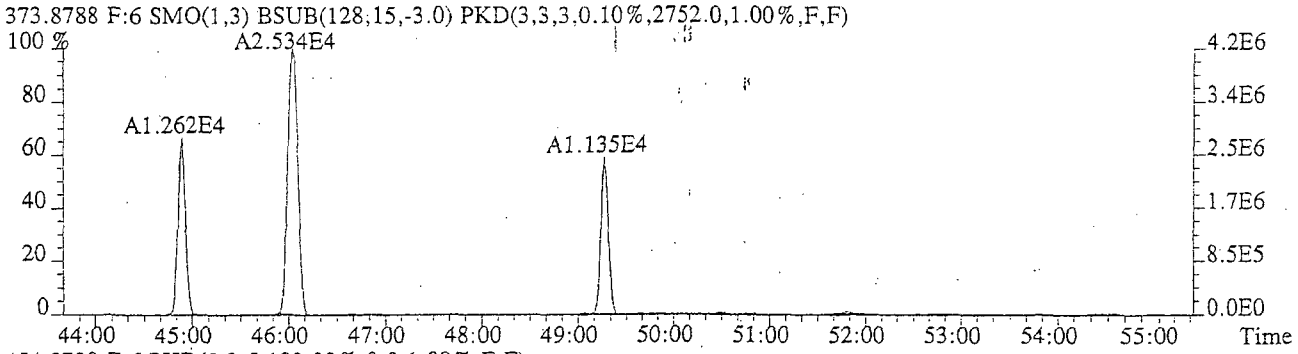


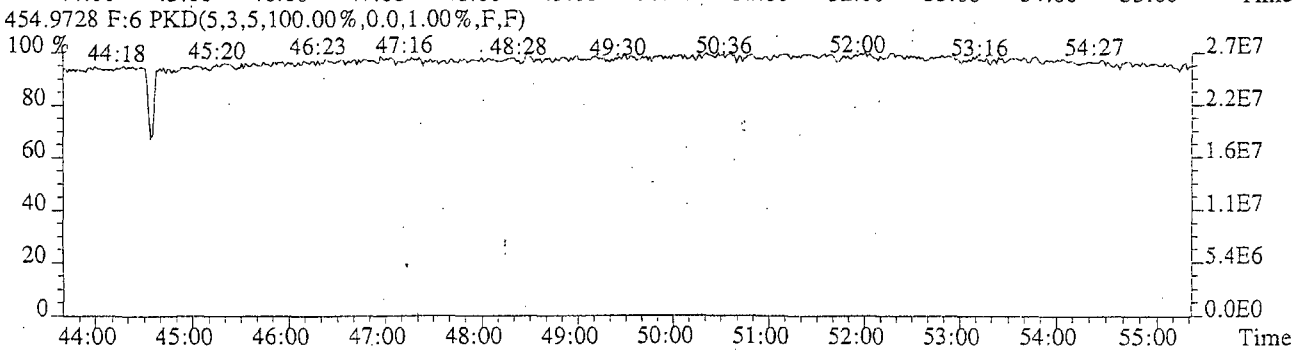
File:U133063 #1-579 Acq:14-SEP-2009 12:46:27 Probe EI+, Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION





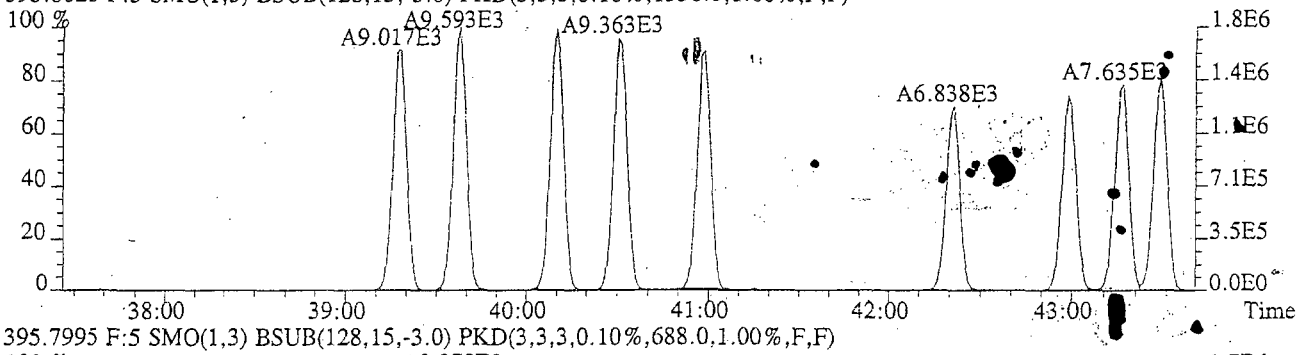




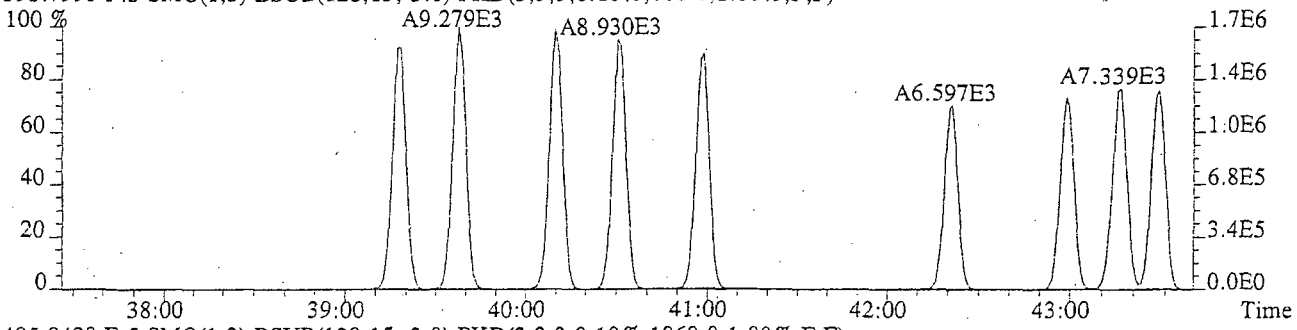


File:U133063 #1-398 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

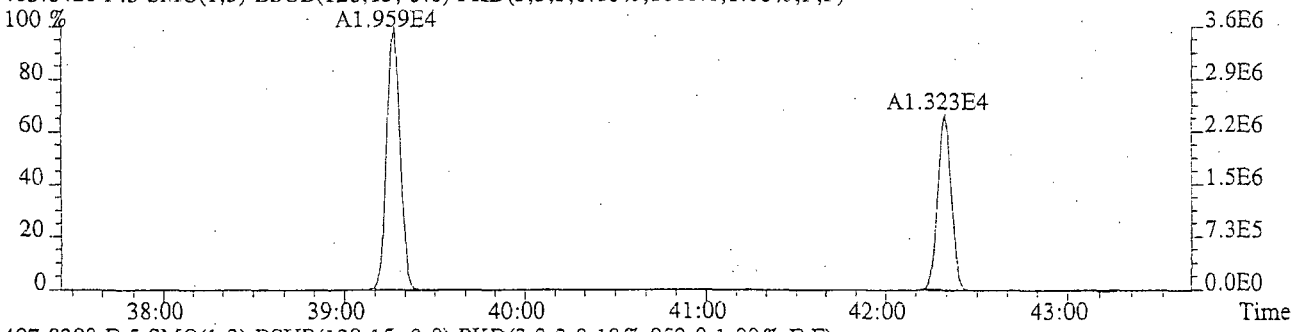
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1336.0,1.00%,F,F)



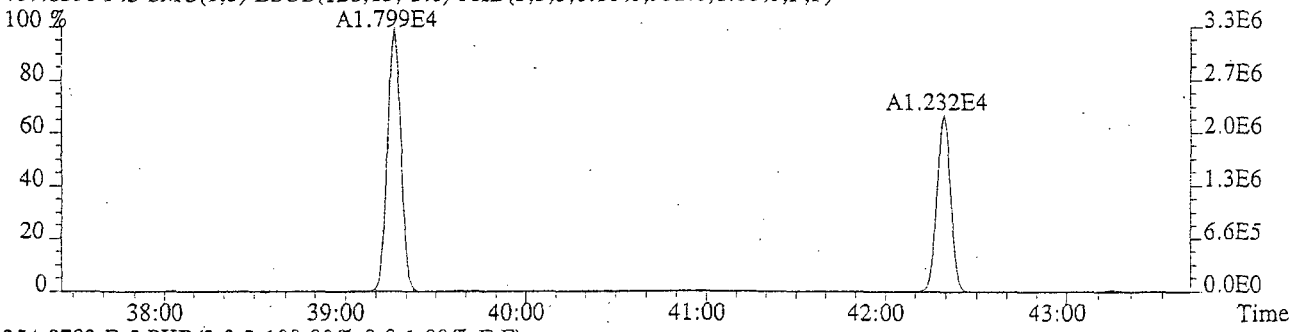
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,688.0,1.00%,F,F)



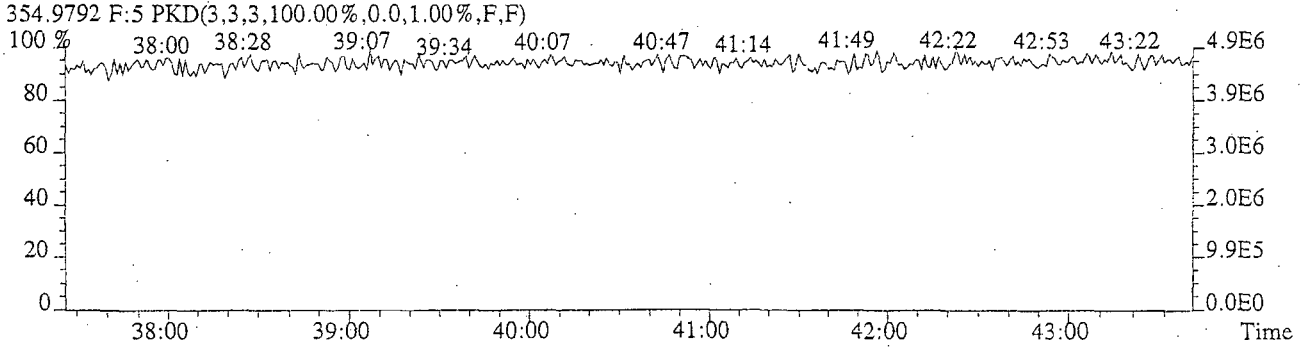
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1860.0,1.00%,F,F)



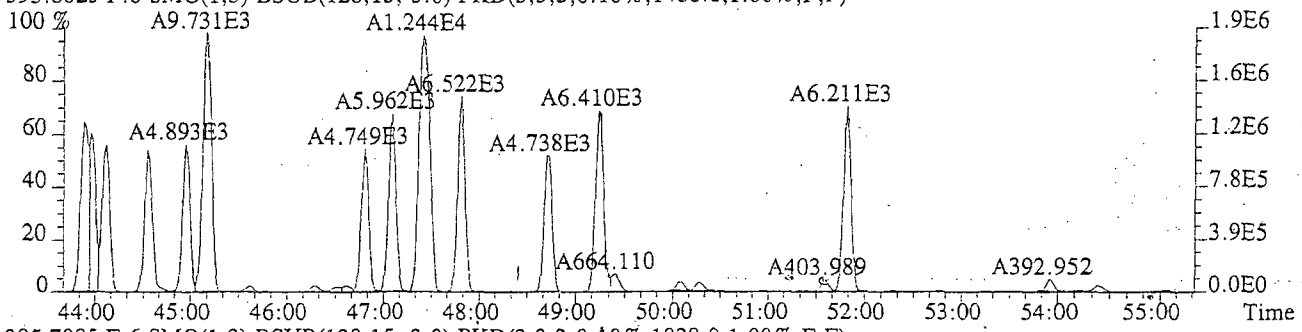
407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,952.0,1.00%,F,F)



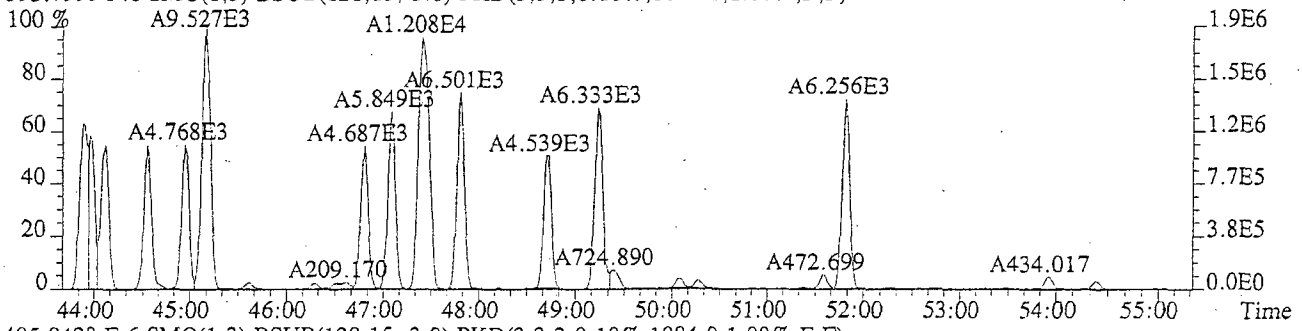
354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



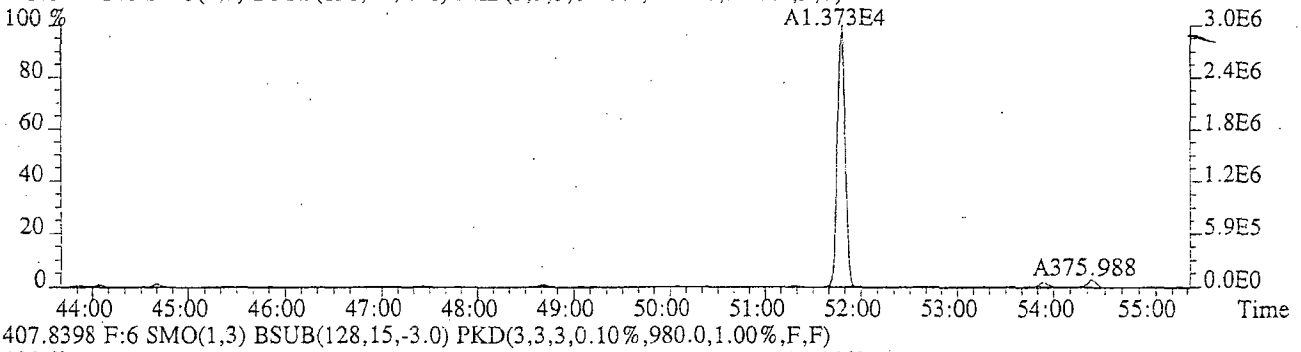
File:U133063 #1-579 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1488.0,1.00%,F,F)



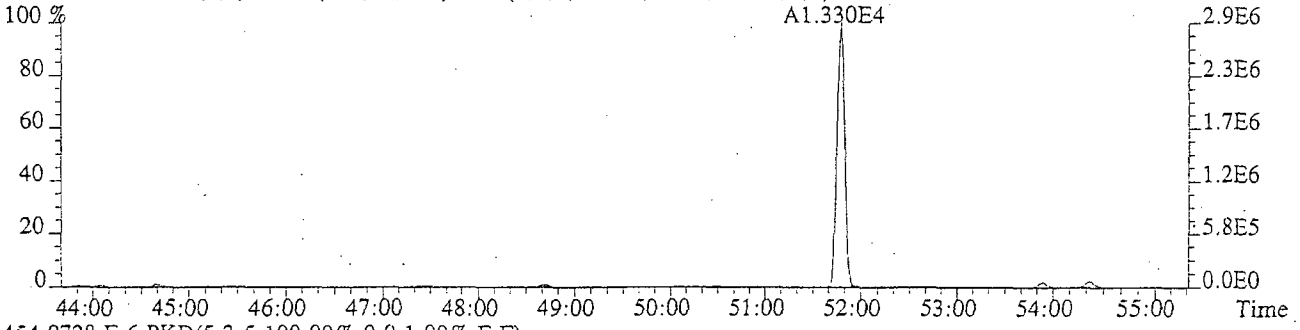
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1828.0,1.00%,F,F)



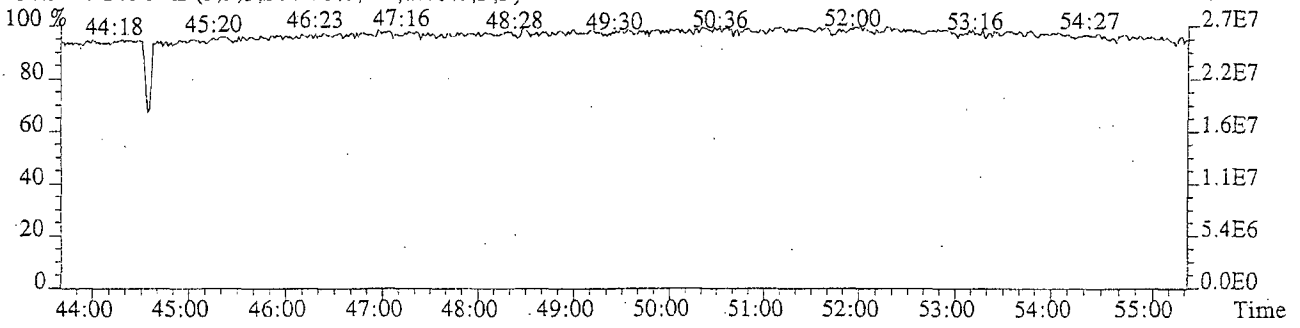
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1884.0,1.00%,F,F)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,980.0,1.00%,F,F)

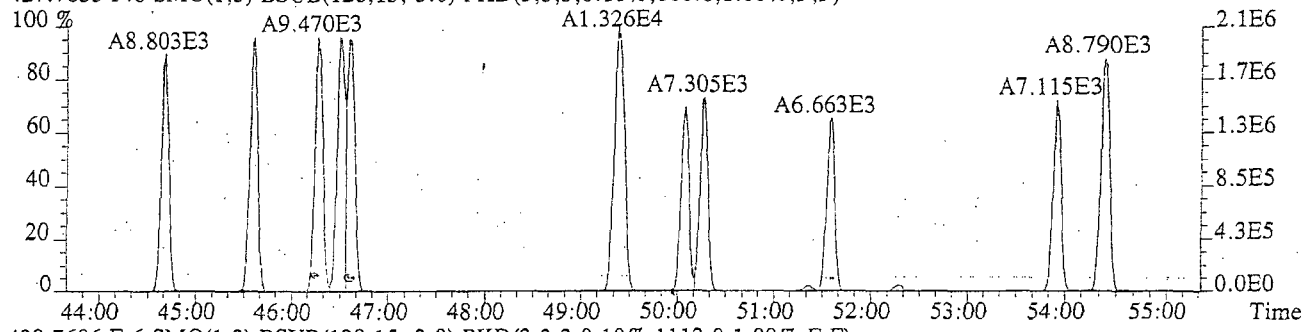


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

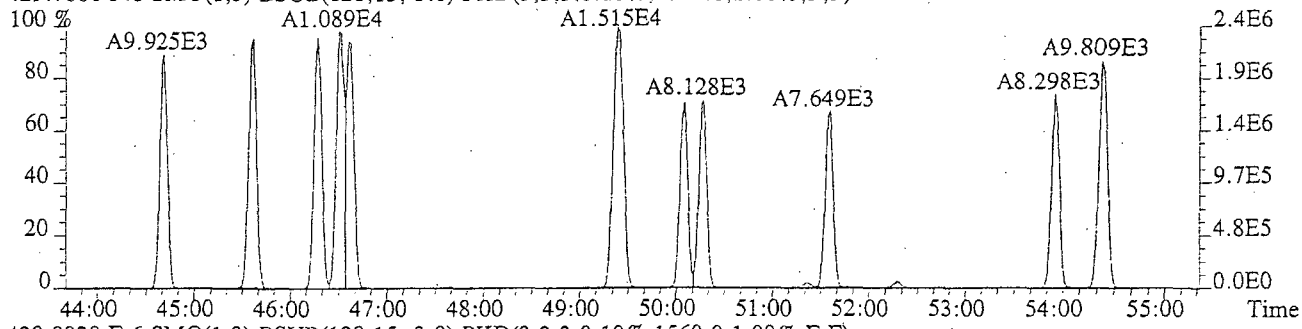


File:U133063 #1-579 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

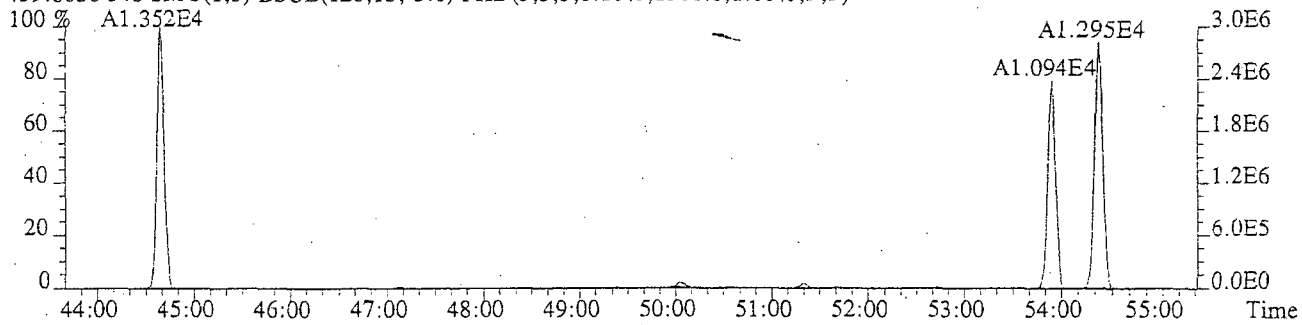
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,868.0,1.00%,F,F)



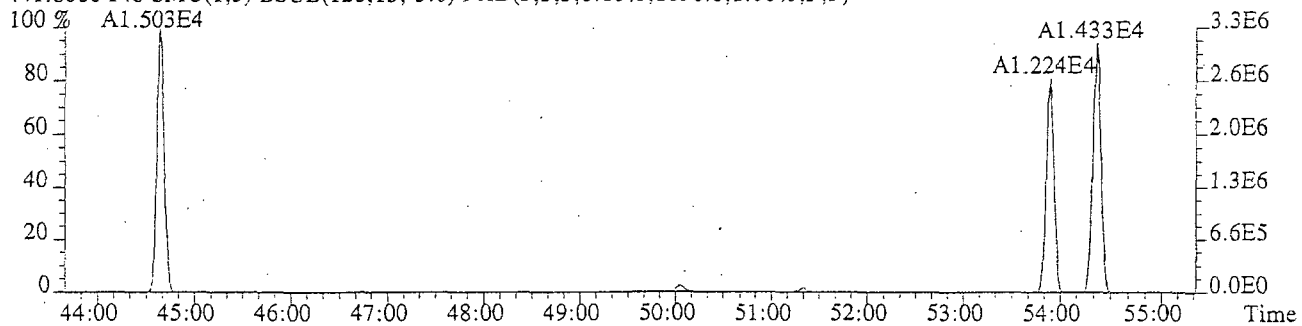
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1112.0,1.00%,F,F)



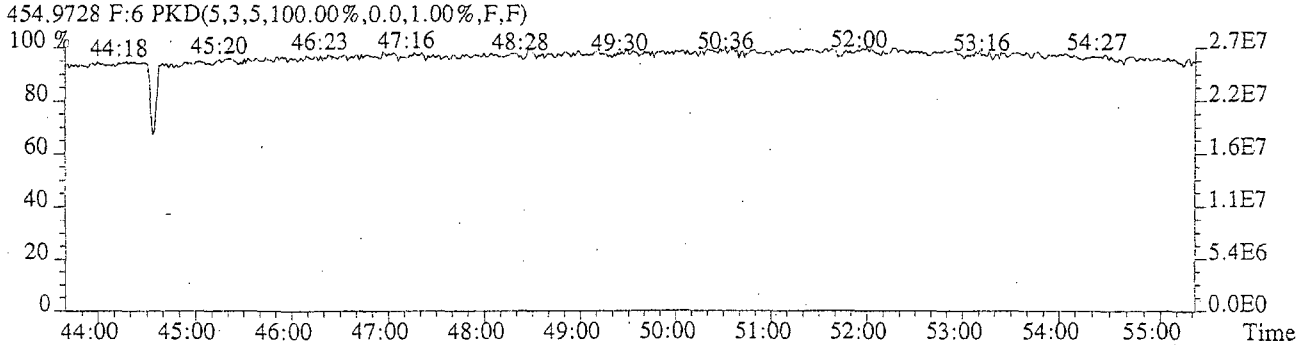
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1560.0,1.00%,F,F)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1036.0,1.00%,F,F)

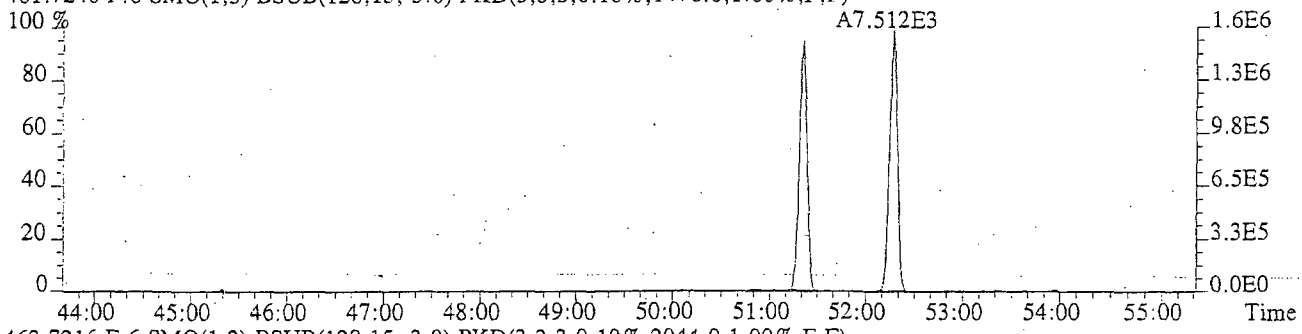


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

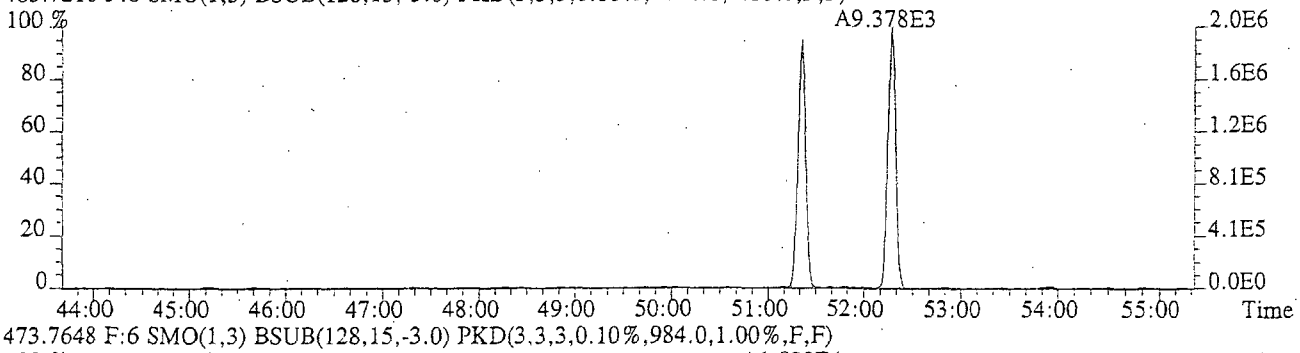


File:U133063 #1-579 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION

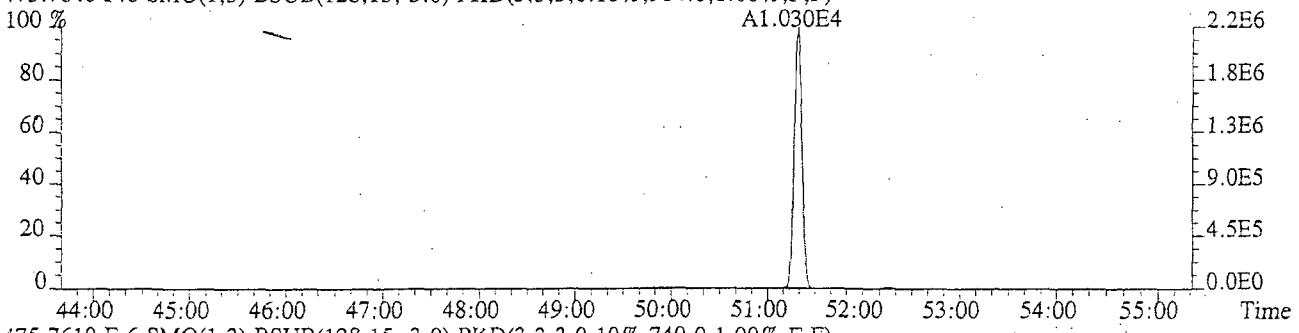
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1476.0,1.00%,F,F)



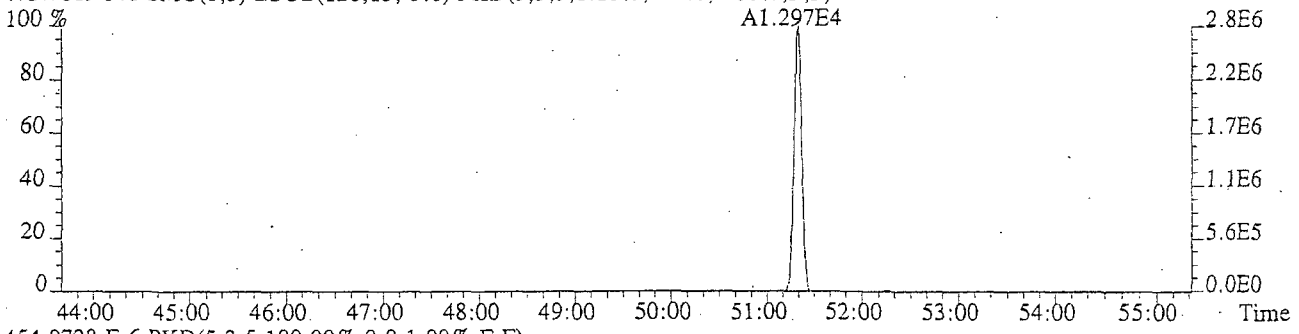
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2044.0,1.00%,F,F)



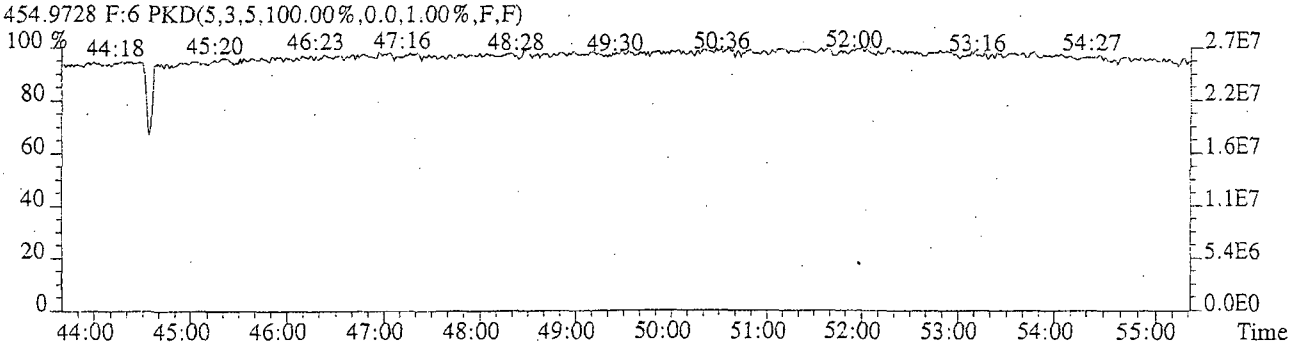
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,F)



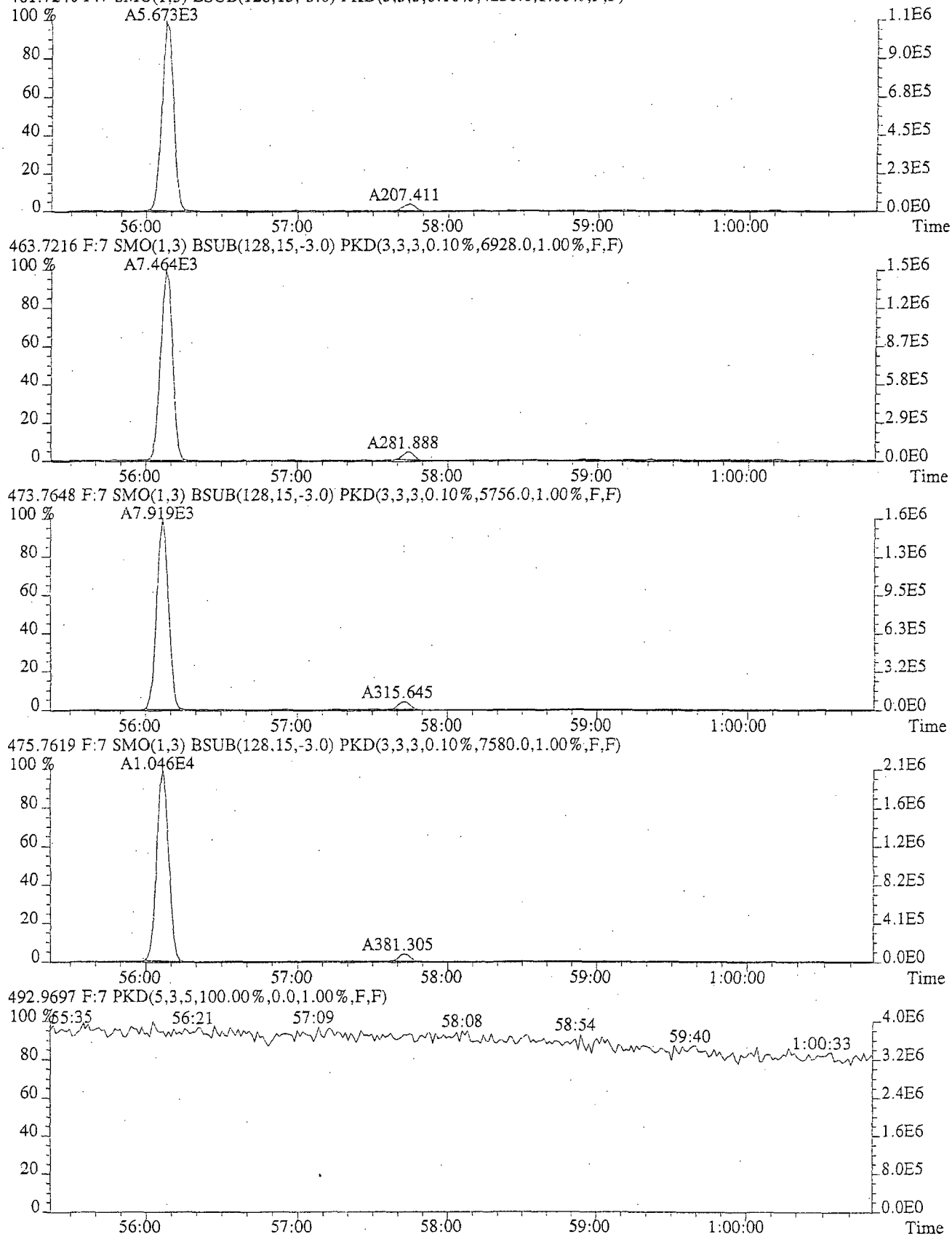
475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,740.0,1.00%,F,F)



454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

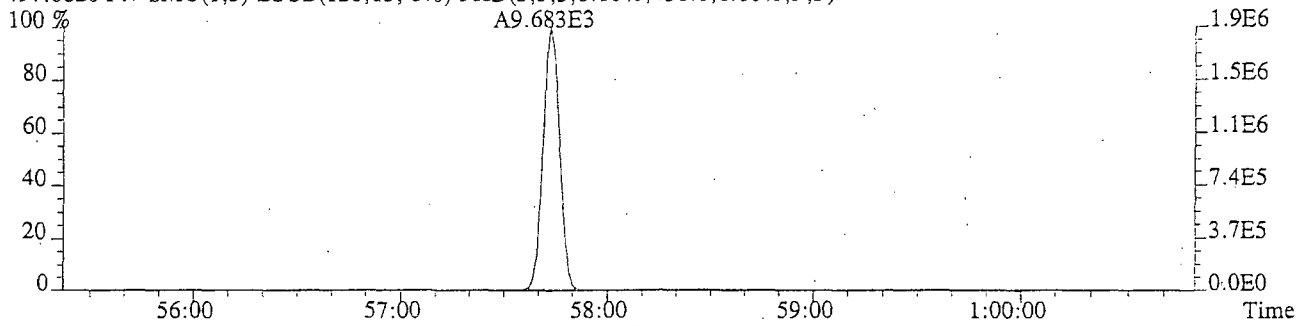


File:U133063 #1-308 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

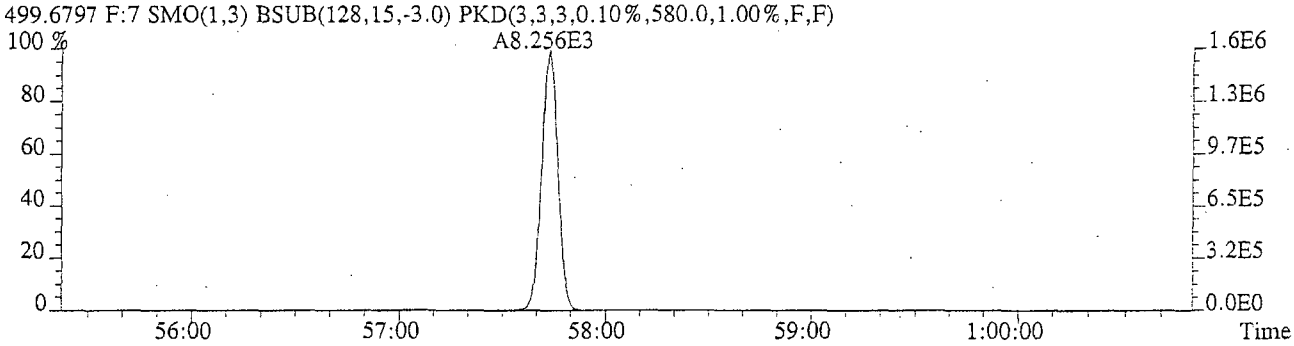


File:U133063 #1-308 Acq:14-SEP-2009 12:46:27 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

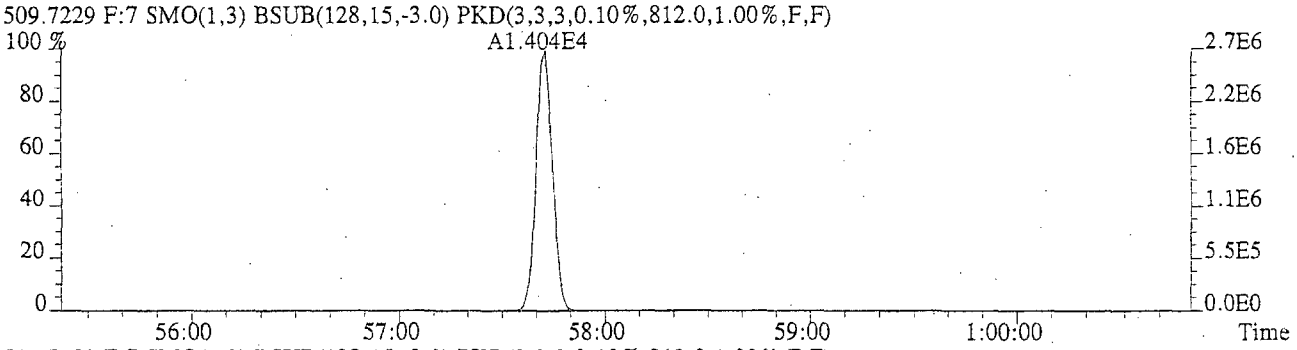
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,436.0,1.00%,F,F)



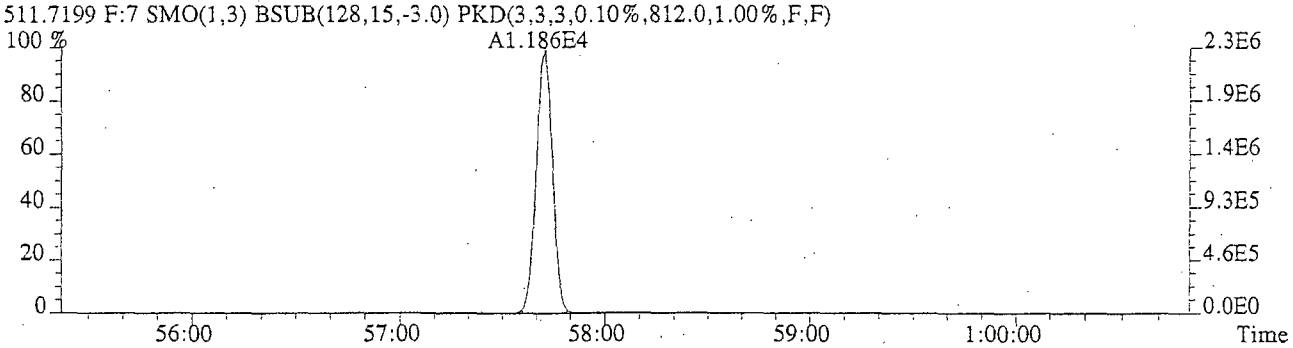
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,580.0,1.00%,F,F)



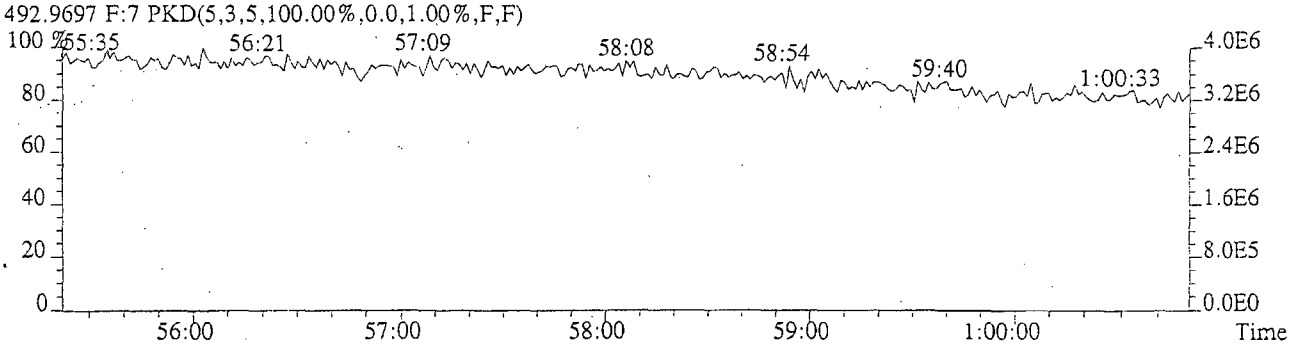
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,812.0,1.00%,F,F)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,812.0,1.00%,F,F)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



METHOD 1668A
DILUTED COMBINED 209 CONGENER SOLUTION (DCCS-209)

CLIENT ID	
DCCS-209	CPS02

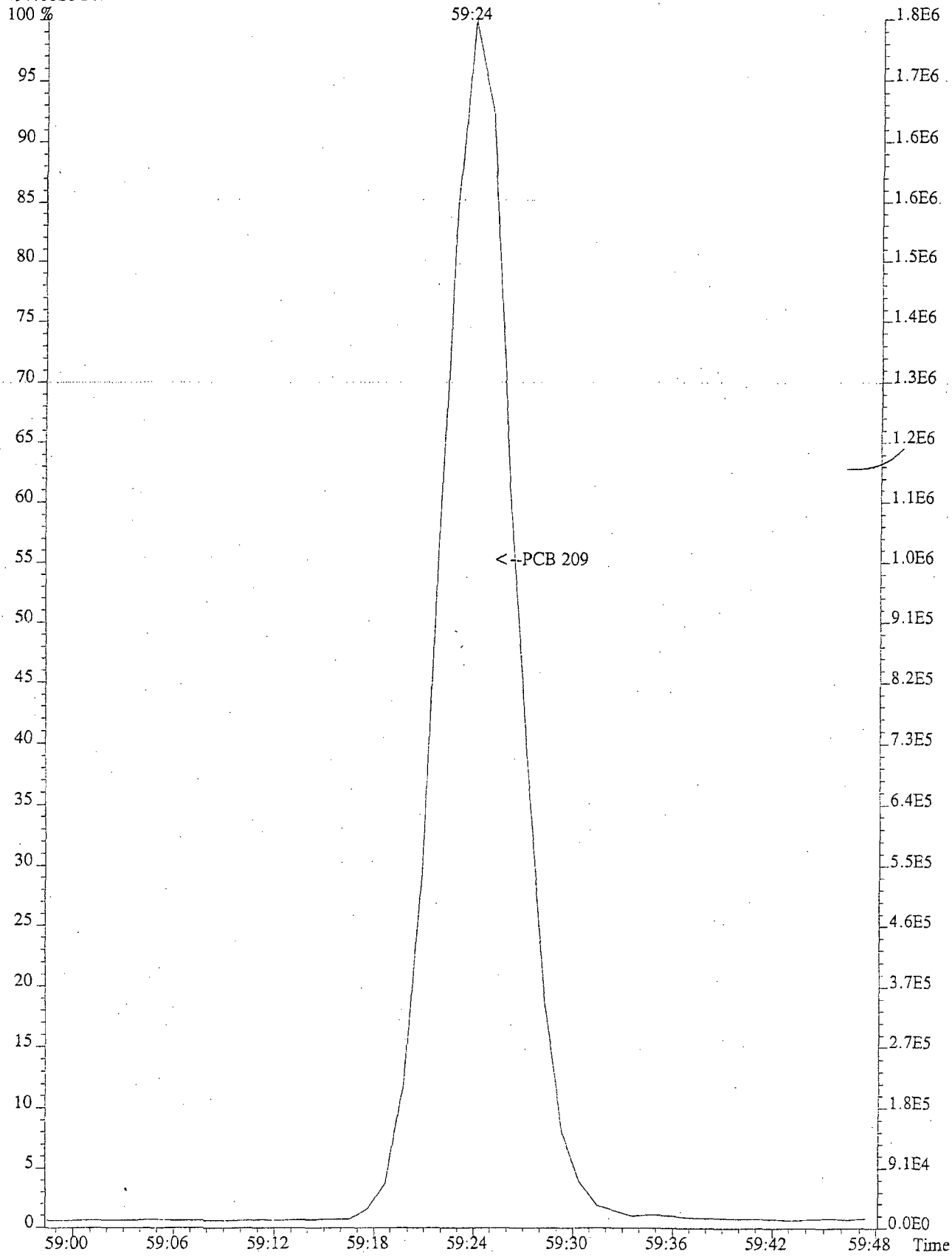
Lab Name: COLUMBIA ANALYTICAL SERVICES
Lab Code: CAS TX01411
GC Column: SPB-Octyl

SDG No.:	C0115
Lab File ID:	U220169
Date Analyzed:	08/19/09
Time Analyzed:	12:03:41

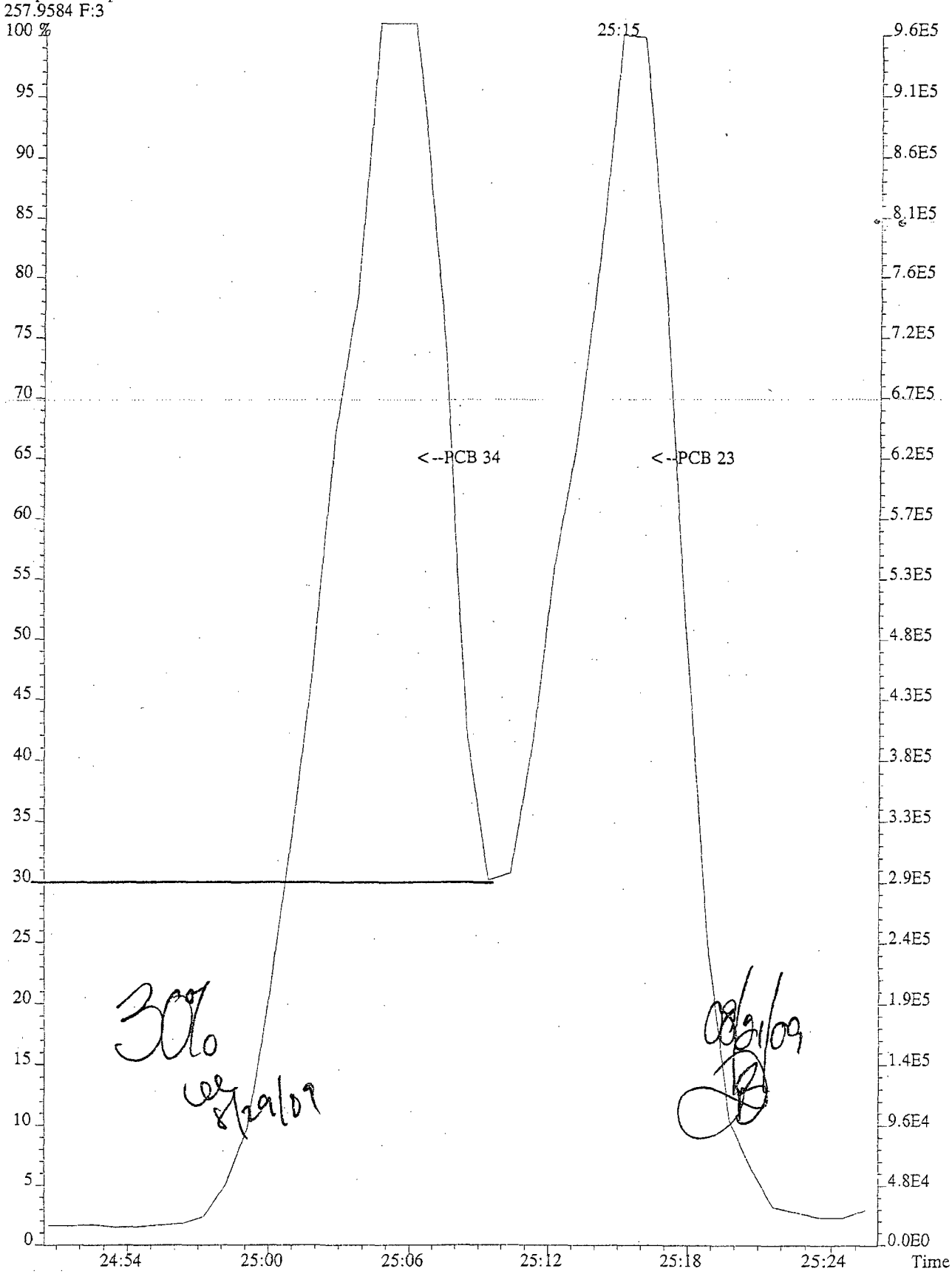
Retention time for PCB 209:	59:24	min.	(>55 min.)
%Valley between PCB 34 and PCB 23:	30%	%	(<40%)
%Valley between PCB 187 and PCB 182:	4%	%	(<40%)
Seconds of coelution between PCB 156 and PCB	0	sec.	(<2 sec.)

Reference: Section 6.9.1.1 Method 1668A with corrections and changes through August 30, 2003.

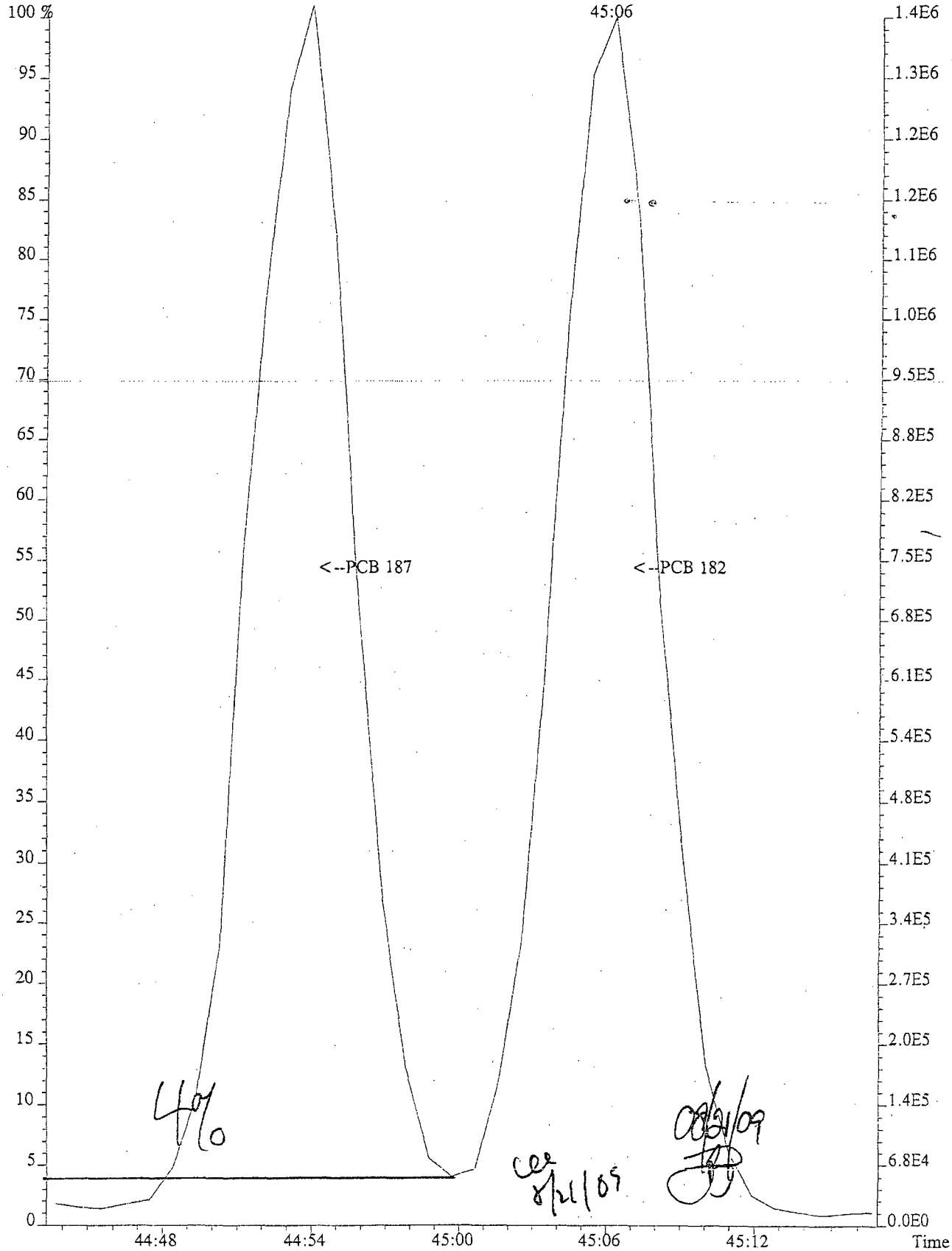
File:U220169 #1-226 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
497.6826 F:7



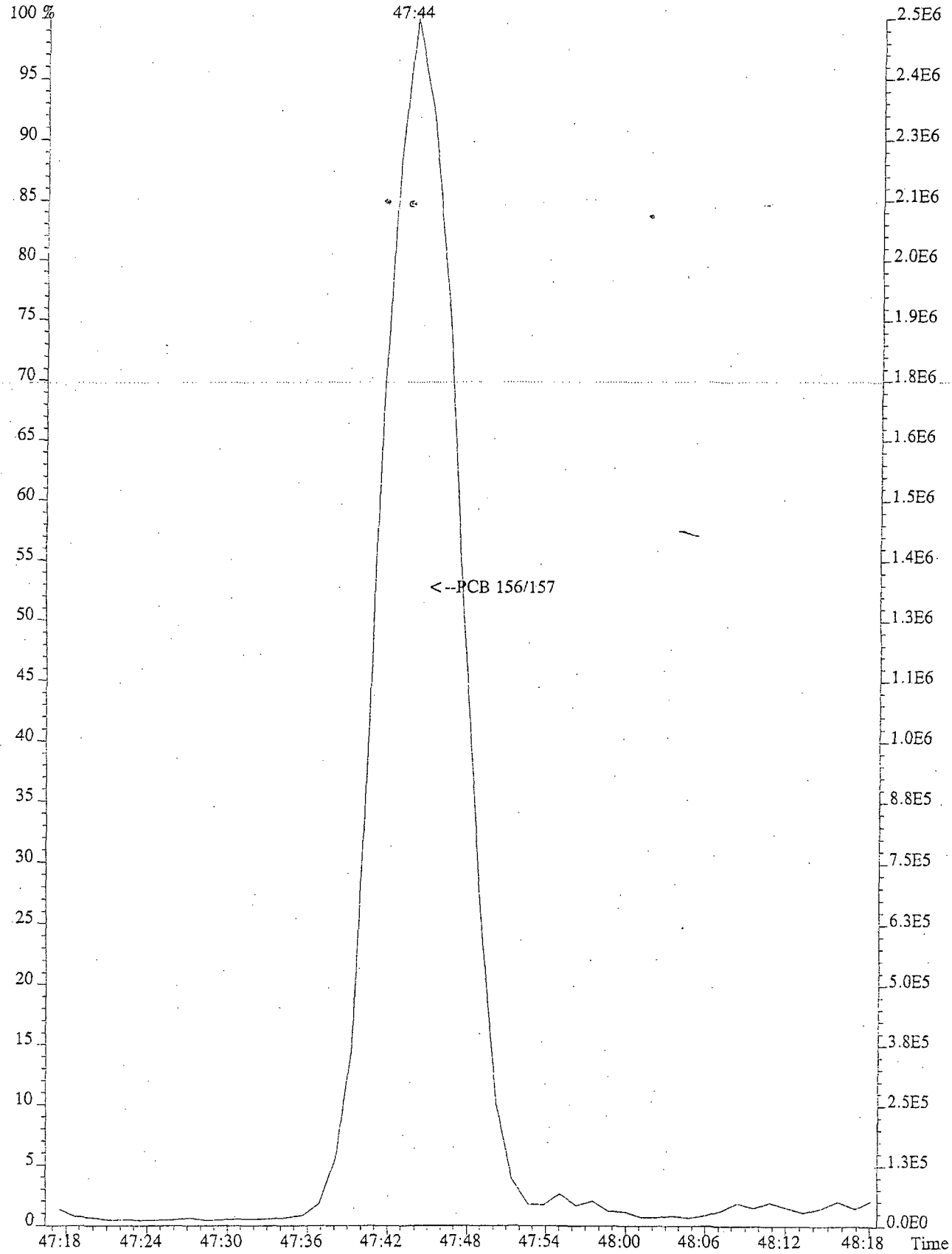
File:U220169 #1-603 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
257.9584 F:3



File:U220169 #1-399 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
393.8025 F:5



File:U220169 #1-580 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
359.8415 F:6



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
PCB 209 INJEC

Run #1 Filename U220169 Samp: 1 Inj: 1 Acquired: 19-AUG-09 12:03:41
Processed: 21-AUG-09 09:28:24 Sample ID: PCB 209 INJECTION

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet		Mod?	RRT
1	1	PCB-1	14:09	1.106e+04	3.504e+03	3.16	y	n	1.001
2	1	PCB-2	16:25	1.155e+04	3.594e+03	3.21	y	n	0.989
3	1	PCB-3	16:37	1.084e+04	3.453e+03	3.14	y	n	1.001
4	1	PCB-4	16:53	6.086e+03	3.955e+03	1.54	y	n	1.001
5	1	PCB-10	17:04	1.002e+04	6.418e+03	1.56	y	n	1.012
6	2	PCB-9	19:03	7.844e+03	5.034e+03	1.56	y	n	1.129
7	2	PCB-7	19:14	7.489e+03	4.812e+03	1.56	y	n	1.140
8	2	PCB-6	19:30	8.053e+03	5.103e+03	1.58	y	n	1.156
9	2	PCB-5	19:50	6.871e+03	4.325e+03	1.59	y	n	1.176
10	2	PCB-8	19:58	8.640e+03	5.419e+03	1.59	y	n	1.184
11	2	PCB-14	21:43	8.035e+03	5.047e+03	1.59	y	n	0.933
12	2	PCB-11	22:38	7.784e+03	4.756e+03	1.64	y	n	0.973
13	2	PCB-12/13	22:56	1.520e+04	9.354e+03	1.63	y	n	0.986
14	2	PCB-15	23:18	7.801e+03	4.601e+03	1.70	y	n	1.001
15	2	PCB-19	20:17	3.620e+03	3.631e+03	1.00	y	n	1.001
16	2	PCB-18/30	22:16	9.737e+03	9.605e+03	1.01	y	n	1.099
17	2	PCB-17	22:44	4.076e+03	4.131e+03	0.99	y	n	1.122
18	2	PCB-27	22:57	6.004e+03	6.242e+03	0.96	y	n	1.132
19	2	PCB-24	23:06	5.483e+03	5.605e+03	0.98	y	n	1.140
20	2	PCB-16	23:13	2.735e+03	2.675e+03	1.02	y	n	1.146
21	2	PCB-32	23:46	6.353e+03	6.281e+03	1.01	y	n	1.173
22	3	PCB-34	25:06	6.829e+03	6.726e+03	1.02	y	n	1.238
23	3	PCB-23	25:16	5.720e+03	5.780e+03	0.99	y	n	1.247
24	3	PCB-26/29	25:36	1.324e+04	1.334e+04	0.99	y	n	1.263
25	3	PCB-25	25:50	7.253e+03	7.053e+03	1.03	y	n	0.844
26	3	PCB-31	26:09	6.978e+03	6.527e+03	1.07	y	n	0.855
27	3	PCB-20/28	26:28	1.349e+04	1.316e+04	1.03	y	n	0.865
28	3	PCB-21/33	26:40	1.283e+04	1.295e+04	0.99	y	n	0.871
29	3	PCB-22	27:07	6.183e+03	6.034e+03	1.02	y	n	0.886
30	3	PCB-36	28:44	6.662e+03	7.405e+03	0.90	y	n	0.939
31	3	PCB-39	29:07	6.346e+03	6.110e+03	1.04	y	n	0.952
32	3	PCB-38	29:43	5.818e+03	5.904e+03	0.99	y	n	0.971
33	3	PCB-35	30:12	5.704e+03	5.134e+03	1.11	y	n	0.987
34	3	PCB-37	30:37	5.262e+03	4.880e+03	1.08	y	n	1.001
35	2	PCB-54	23:35	9.415e+03	1.255e+04	0.75	y	n	1.001
36	3	PCB-50/53	25:52	1.467e+04	1.919e+04	0.76	y	y	1.098
37	3	PCB-45/51	26:33	1.409e+04	1.831e+04	0.77	y	y	1.127
38	3	PCB-46	26:53	6.066e+03	7.928e+03	0.77	y	y	1.142
39	3	PCB-52	28:21	8.264e+03	1.067e+04	0.77	y	y	1.204
40	3	PCB-43/73	28:29	1.476e+04	1.908e+04	0.77	y	y	1.209
41	3	PCB-49/69	28:49	1.726e+04	2.219e+04	0.78	y	y	1.224
42	3	PCB-48	29:09	7.090e+03	9.189e+03	0.77	y	y	1.238
43	3	PCB-44/47/65	29:25	2.450e+04	3.163e+04	0.77	y	y	1.249
44	3	PCB-59/62/75	29:43	2.963e+04	3.817e+04	0.78	y	y	1.262
45	3	PCB-42	29:56	6.531e+03	8.554e+03	0.76	y	y	1.271
46	3	PCB-40/41/71	30:26	2.230e+04	2.877e+04	0.78	y	y	1.292
47	3	PCB-64	30:40	1.022e+04	1.345e+04	0.76	y	y	1.302
48	3	PCB-72	31:31	1.040e+04	1.347e+04	0.77	y	y	0.841
49	3	PCB-68	31:48	1.034e+04	1.331e+04	0.78	y	y	0.848
50	3	PCB-57	32:15	1.026e+04	1.309e+04	0.78	y	y	0.860

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51	3	PCB-58	32:29	9.922e+03	1.251e+04	0.79	y	y	0.867
52	3	PCB-67	32:39	1.072e+04	1.357e+04	0.79	y	y	0.871
53	3	PCB-63	32:55	1.052e+04	1.376e+04	0.76	y	y	0.878
54	3	PCB-61/70/74/76	33:17	3.949e+04	5.110e+04	0.77	y	y	0.888
55	3	PCB-66	33:36	1.059e+04	1.384e+04	0.77	y	y	0.896
56	3	PCB-55	33:46	8.622e+03	1.099e+04	0.78	y	y	0.901
57	4	PCB-56	34:18	8.396e+03	1.121e+04	0.75	y	n	0.915
58	4	PCB-60	34:31	8.431e+03	1.097e+04	0.77	y	n	0.921
59	4	PCB-80	34:55	1.010e+04	1.341e+04	0.75	y	n	0.932
60	4	PCB-79	36:29	9.915e+03	1.317e+04	0.75	y	n	0.973
61	4	PCB-78	37:03	8.384e+03	1.143e+04	0.73	y	n	0.988
62	4	PCB-81	37:30	8.308e+03	1.138e+04	0.73	y	n	1.000
63	4	PCB-77	38:04	7.414e+03	1.011e+04	0.73	y	n	1.000
64	3	PCB-104	29:20	1.319e+04	8.572e+03	1.54	y	n	1.001
65	3	PCB-96	29:43	1.365e+04	8.897e+03	1.53	y	n	1.014
66	3	PCB-103	31:41	1.169e+04	7.340e+03	1.59	y	n	1.081
67	3	PCB-94	31:55	9.062e+03	5.940e+03	1.53	y	n	1.089
68	3	PCB-95	32:22	1.087e+04	7.021e+03	1.55	y	n	1.105
69	3	PCB-93/100	32:36	2.014e+04	1.354e+04	1.49	y	n	1.113
70	3	PCB-98/102	32:45	1.966e+04	1.265e+04	1.55	y	n	1.118
71	3	PCB-88/91	33:10	2.037e+04	1.275e+04	1.60	y	y	1.132
72	3	PCB-84	33:29	9.042e+03	5.670e+03	1.59	y	y	1.143
73	4	PCB-89	33:58	8.149e+03	5.256e+03	1.55	y	y	1.159
74	4	PCB-121	34:23	1.118e+04	7.236e+03	1.55	y	n	1.173
75	4	PCB-92	34:46	8.961e+03	5.644e+03	1.59	y	n	0.868
76	4	PCB-90/101/113	35:21	2.954e+04	1.907e+04	1.55	y	n	0.883
77	4	PCB-83/99	35:57	1.775e+04	1.123e+04	1.58	y	y	0.898
78	4	PCB-112	36:05	1.151e+04	7.318e+03	1.57	y	y	0.901
79	4	PCB-86/87/97/109/119/125	36:27	6.020e+04	3.827e+04	1.57	y	n	0.910
80	4	PCB-117	37:08	1.180e+04	7.594e+03	1.55	y	y	0.927
81	4	PCB-85/116	37:13	2.032e+04	1.291e+04	1.57	y	y	0.929
82	4	PCB-110/115	37:27	2.345e+04	1.469e+04	1.60	y	y	0.935
83	4	PCB-82	37:41	7.769e+03	5.027e+03	1.55	y	y	0.941
84	4	PCB-111	38:06	1.136e+04	7.313e+03	1.55	y	n	0.951
85	4	PCB-120	38:33	1.263e+04	7.769e+03	1.63	y	n	0.963
86	5	PCB-108/124	39:42	1.981e+04	1.318e+04	1.50	y	n	0.991
87	5	PCB-107	39:57	1.018e+04	7.703e+03	1.32	y	n	0.998
88	5	PCB-123	40:04	9.513e+03	6.682e+03	1.42	y	n	1.000
89	5	PCB-106	40:12	1.045e+04	7.221e+03	1.45	y	n	1.004
90	5	PCB-118	40:25	9.434e+03	6.614e+03	1.43	y	n	1.001
91	5	PCB-122	40:45	9.397e+03	6.488e+03	1.45	y	n	1.009
92	5	PCB-114	40:57	1.037e+04	6.934e+03	1.50	y	n	1.000
93	5	PCB-105	41:36	1.028e+04	7.011e+03	1.47	y	n	1.001
94	5	PCB-127	43:05	9.707e+03	6.872e+03	1.41	y	n	1.036
95	5	PCB-126	44:43	8.757e+03	6.169e+03	1.42	y	n	1.001
96	4	PCB-155	35:07	1.238e+04	1.038e+04	1.19	y	n	1.000
97	4	PCB-152	35:20	1.217e+04	1.050e+04	1.16	y	n	1.007
98	4	PCB-150	35:30	1.069e+04	9.027e+03	1.18	y	n	1.011
99	4	PCB-136	35:52	1.174e+04	9.858e+03	1.19	y	n	1.022
100	4	PCB-145	36:10	1.078e+04	9.226e+03	1.17	y	n	1.030
101	4	PCB-148	37:41	8.744e+03	7.587e+03	1.15	y	n	1.074
102	4	PCB-135/151	38:18	1.702e+04	1.442e+04	1.18	y	n	1.091
103	4	PCB-154	38:33	1.009e+04	8.498e+03	1.19	y	n	1.098
104	4	PCB-144	38:53	9.040e+03	7.766e+03	1.16	y	n	1.108
105	5	PCB-147/149	39:14	1.590e+04	1.268e+04	1.25	y	n	1.118
106	5	PCB-134	39:26	6.887e+03	5.460e+03	1.26	y	n	1.123
107	5	PCB-143	39:32	7.016e+03	5.688e+03	1.23	y	n	1.126

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108	5	PCB-139/140	39:51	1.570e+04	1.262e+04	1.24	y	n	1.135
109	5	PCB-131	40:03	6.987e+03	5.641e+03	1.24	y	n	1.141
110	5	PCB-142	40:12	6.778e+03	5.354e+03	1.27	y	n	1.145
111	5	PCB-132	40:30	6.518e+03	5.189e+03	1.26	y	n	1.154
112	5	PCB-133	41:00	7.301e+03	5.798e+03	1.26	y	n	1.168
113	5	PCB-165	41:25	8.698e+03	7.057e+03	1.23	y	n	0.890
114	5	PCB-146	41:40	8.505e+03	6.684e+03	1.27	y	n	0.895
115	5	PCB-161	41:48	9.947e+03	8.066e+03	1.23	y	n	0.898
116	5	PCB-153/168	42:18	1.849e+04	1.416e+04	1.31	y	y	0.909
117	5	PCB-141	42:29	7.239e+03	5.949e+03	1.22	y	y	0.913
118	5	PCB-130	42:53	6.466e+03	5.144e+03	1.26	y	n	0.921
119	5	PCB-137	43:07	6.966e+03	5.520e+03	1.26	y	n	0.926
120	5	PCB-164	43:14	9.709e+03	7.682e+03	1.26	y	n	0.929
121	5	PCB-129/138/163	43:33	2.358e+04	1.874e+04	1.26	y	n	0.936
122	5	PCB-160	43:43	9.256e+03	7.323e+03	1.26	y	n	0.939
123	5	PCB-158	43:56	1.064e+04	8.543e+03	1.25	y	n	0.944
124	5	PCB-128/166	44:47	1.645e+04	1.330e+04	1.24	y	n	0.962
125	6	PCB-159	45:48	7.882e+03	6.426e+03	1.23	y	n	0.984
126	6	PCB-162	46:06	7.730e+03	6.131e+03	1.26	y	n	0.990
127	6	PCB-167	46:34	7.929e+03	6.481e+03	1.22	y	n	1.000
128	6	PCB-156/157	47:44	1.429e+04	1.162e+04	1.23	y	n	1.000
129	6	PCB-169	50:59	6.734e+03	5.391e+03	1.25	y	n	1.000
130	5	PCB-188	40:55	9.341e+03	9.237e+03	1.01	y	n	1.001
131	5	PCB-179	41:15	9.703e+03	9.751e+03	1.00	y	n	1.009
132	5	PCB-184	41:47	9.277e+03	9.611e+03	0.97	y	n	1.022
133	5	PCB-176	42:09	9.441e+03	9.347e+03	1.01	y	n	1.031
134	5	PCB-186	42:36	8.880e+03	8.715e+03	1.02	y	n	1.042
135	5	PCB-178	43:59	6.847e+03	6.756e+03	1.01	y	n	1.076
136	5	PCB-175	44:37	7.258e+03	7.100e+03	1.02	y	n	1.091
137	5	PCB-187	44:54	7.296e+03	7.483e+03	0.97	y	n	1.098
138	5	PCB-182	45:06	6.640e+03	6.969e+03	0.95	y	n	1.103
139	6	PCB-183	45:31	5.460e+03	5.584e+03	0.98	y	n	1.113
140	6	PCB-185	45:37	4.678e+03	4.726e+03	0.99	y	n	1.116
141	6	PCB-174	45:45	4.890e+03	4.873e+03	1.00	y	n	1.119
142	6	PCB-177	46:12	4.713e+03	4.706e+03	1.00	y	n	1.130
143	6	PCB-181	46:36	4.701e+03	4.772e+03	0.99	y	n	1.140
144	6	PCB-171/173	46:50	9.108e+03	9.195e+03	0.99	y	n	1.146
145	6	PCB-172	48:28	4.398e+03	4.561e+03	0.96	y	n	0.906
146	6	PCB-192	48:45	5.526e+03	5.591e+03	0.99	y	n	0.911
147	6	PCB-180/193	49:04	1.119e+04	1.124e+04	1.00	y	n	0.917
148	6	PCB-191	49:28	5.973e+03	6.090e+03	0.98	y	n	0.925
149	6	PCB-170	50:23	4.344e+03	4.365e+03	1.00	y	n	0.942
150	6	PCB-190	50:56	6.009e+03	5.994e+03	1.00	y	y	0.952
151	6	PCB-189	53:31	5.116e+03	5.153e+03	0.99	y	n	1.000
152	6	PCB-202	46:19	8.064e+03	9.543e+03	0.85	y	n	1.001
153	6	PCB-201	47:15	9.109e+03	1.080e+04	0.84	y	n	1.021
154	6	PCB-204	47:55	9.014e+03	1.055e+04	0.85	y	n	1.035
155	6	PCB-197	48:10	8.136e+03	9.478e+03	0.86	y	n	1.041
156	6	PCB-200	48:16	9.430e+03	1.102e+04	0.86	y	n	1.043
157	6	PCB-198/199	51:03	1.220e+04	1.452e+04	0.84	y	n	1.103
158	6	PCB-196	51:44	6.465e+03	7.566e+03	0.85	y	n	0.923
159	6	PCB-203	51:56	6.562e+03	7.766e+03	0.84	y	n	0.927
160	6	PCB-195	53:15	5.810e+03	6.939e+03	0.84	y	n	0.950
161	6	PCB-194	55:36	6.116e+03	7.083e+03	0.86	y	n	0.992
162	6	PCB-205	56:05	6.941e+03	8.105e+03	0.86	y	n	1.001
163	6	PCB-208	53:00	7.565e+03	9.977e+03	0.76	y	n	1.000
164	6	PCB-207	53:56	7.945e+03	9.876e+03	0.80	y	n	1.018

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165	7	PCB-206	57:48	5.573e+03	7.271e+03	0.77	y	n	1.000
166	7	PCB-209	59:24	9.158e+03	7.608e+03	1.20	y	n	1.000
167	1	PCB-1L	14:08	4.349e+04	1.450e+04	3.00	y	n	0.743
168	1	PCB-3L	16:36	4.325e+04	1.383e+04	3.13	y	n	0.872
169	1	PCB-4L	16:52	2.700e+04	1.783e+04	1.51	y	n	0.886
170	2	PCB-15L	23:16	3.123e+04	2.029e+04	1.54	y	n	1.222
171	2	PCB-19L	20:16	1.501e+04	1.471e+04	1.02	y	n	1.065
172	3	PCB-37L	30:36	2.258e+04	2.216e+04	1.02	y	n	1.081
173	2	PCB-54L	23:33	2.074e+04	2.645e+04	0.78	y	n	0.832
174	4	PCB-81L	37:29	1.657e+04	2.129e+04	0.78	y	n	1.324
175	4	PCB-77L	38:03	1.578e+04	2.004e+04	0.79	y	n	1.344
176	3	PCB-104L	29:18	2.839e+04	1.885e+04	1.51	y	n	0.829
177	5	PCB-123L	40:03	2.162e+04	1.405e+04	1.54	y	n	1.133
178	5	PCB-118L	40:23	2.293e+04	1.464e+04	1.57	y	n	1.142
179	5	PCB-114L	40:56	2.157e+04	1.380e+04	1.56	y	n	1.158
180	5	PCB-105L	41:34	2.108e+04	1.335e+04	1.58	y	n	1.176
181	5	PCB-126L	44:41	1.972e+04	1.281e+04	1.54	y	n	1.264
182	4	PCB-155L	35:06	2.811e+04	2.220e+04	1.27	y	n	0.807
183	6	PCB-167L	46:33	1.521e+04	1.208e+04	1.26	y	n	1.070
184	6	PCB-156/157L	47:43	2.896e+04	2.325e+04	1.25	y	n	1.097
185	6	PCB-169L	50:58	1.248e+04	9.896e+03	1.26	y	n	1.171
186	5	PCB-188L	40:53	2.211e+04	2.130e+04	1.04	y	n	0.736
187	6	PCB-189L	53:30	1.170e+04	1.150e+04	1.02	y	n	0.963
188	6	PCB-202L	46:17	1.359e+04	1.521e+04	0.89	y	n	0.833
189	6	PCB-205L	56:03	1.159e+04	1.300e+04	0.89	y	n	1.009
190	6	PCB-208L	52:59	1.154e+04	1.481e+04	0.78	y	n	0.954
191	7	PCB-206L	57:47	7.964e+03	1.062e+04	0.75	y	n	1.040
192	7	PCB-209L	59:23	1.360e+04	1.168e+04	1.16	y	n	1.069
193	3	PCB-28L	26:26	2.409e+04	2.368e+04	1.02	y	n	0.933
194	4	PCB-111L	38:04	2.367e+04	1.518e+04	1.56	y	n	1.077
195	5	PCB-178L	43:58	1.409e+04	1.365e+04	1.03	y	n	1.010
196	2	PCB-9L	19:02	3.288e+04	2.109e+04	1.56	y	n	*
197	3	PCB-52L	28:19	1.718e+04	2.180e+04	0.79	y	n	*
198	4	PCB-101L	35:21	2.060e+04	1.315e+04	1.57	y	n	*
199	5	PCB-138L	43:31	1.696e+04	1.344e+04	1.26	y	n	*
200	6	PCB-194L	55:34	9.777e+03	1.133e+04	0.86	y	n	*

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02/2009

Columbia Analytical Services, Inc. CLIENT ID.
Signal/Noise Height Ratio Summary PCB 209 INJECTION

Run #1 Filename U220169#1 Samp: 1 Inj: 1 Acquired: 19-AUG-09 12:03:41

Processed: 21-AUG-09 09:28:24 LAB. ID: PCB 209 INJECTION

	Name	Signal 1	Noise 1	S/N Rat.1	Signal 2	Noise 2	S/N Rat.2
1	PCB-1	2.74e+06	2.98e+03	9.2e+02	8.80e+05	4.76e+03	1.8e+02
2	PCB-2	2.29e+06	2.98e+03	7.7e+02	7.34e+05	4.76e+03	1.5e+02
3	PCB-3	2.07e+06	2.98e+03	7.0e+02	6.71e+05	4.76e+03	1.4e+02
4	PCB-4	1.22e+06	3.05e+03	4.0e+02	7.98e+05	1.70e+04	4.7e+01
5	PCB-10	1.93e+06	3.05e+03	6.3e+02	1.24e+06	1.70e+04	7.3e+01
6	PCB-9	1.48e+06	2.04e+03	7.3e+02	9.57e+05	2.70e+04	3.5e+01
7	PCB-7	1.40e+06	2.04e+03	6.8e+02	8.94e+05	2.70e+04	3.3e+01
8	PCB-6	1.44e+06	2.04e+03	7.1e+02	9.35e+05	2.70e+04	3.5e+01
9	PCB-5	1.32e+06	2.04e+03	6.5e+02	8.48e+05	2.70e+04	3.1e+01
10	PCB-8	1.49e+06	2.04e+03	7.3e+02	9.68e+05	2.70e+04	3.6e+01
11	PCB-14	1.38e+06	2.04e+03	6.8e+02	8.81e+05	2.70e+04	3.3e+01
12	PCB-11	1.24e+06	2.04e+03	6.1e+02	7.76e+05	2.70e+04	2.9e+01
13	PCB-12/13	2.02e+06	2.04e+03	9.9e+02	1.27e+06	2.70e+04	4.7e+01
14	PCB-15	1.18e+06	2.04e+03	5.8e+02	7.25e+05	2.70e+04	2.7e+01
15	PCB-19	6.59e+05	6.27e+03	1.1e+02	6.74e+05	1.70e+03	4.0e+02
16	PCB-18/30	1.59e+06	6.27e+03	2.5e+02	1.56e+06	1.70e+03	9.2e+02
17	PCB-17	6.83e+05	6.27e+03	1.1e+02	7.09e+05	1.70e+03	4.2e+02
18	PCB-27	9.97e+05	6.27e+03	1.6e+02	1.02e+06	1.70e+03	6.0e+02
19	PCB-24	9.11e+05	6.27e+03	1.5e+02	9.23e+05	1.70e+03	5.4e+02
20	PCB-16	5.52e+05	6.27e+03	8.8e+01	5.40e+05	1.70e+03	3.2e+02
21	PCB-32	1.04e+06	6.27e+03	1.7e+02	1.04e+06	1.70e+03	6.1e+02
22	PCB-34	9.71e+05	8.96e+03	1.1e+02	9.55e+05	6.04e+03	1.6e+02
23	PCB-23	8.76e+05	8.96e+03	9.8e+01	8.76e+05	6.04e+03	1.4e+02
24	PCB-26/29	1.67e+06	8.96e+03	1.9e+02	1.70e+06	6.04e+03	2.8e+02
25	PCB-25	1.03e+06	8.96e+03	1.2e+02	1.00e+06	6.04e+03	1.7e+02
26	PCB-31	1.05e+06	8.96e+03	1.2e+02	9.51e+05	6.04e+03	1.6e+02
27	PCB-20/28	1.79e+06	8.96e+03	2.0e+02	1.75e+06	6.04e+03	2.9e+02
28	PCB-21/33	1.43e+06	8.96e+03	1.6e+02	1.44e+06	6.04e+03	2.4e+02
29	PCB-22	8.86e+05	8.96e+03	9.9e+01	8.73e+05	6.04e+03	1.4e+02
30	PCB-36	9.46e+05	8.96e+03	1.1e+02	1.02e+06	6.04e+03	1.7e+02
31	PCB-39	9.69e+05	8.96e+03	1.1e+02	9.04e+05	6.04e+03	1.5e+02
32	PCB-38	9.20e+05	8.96e+03	1.0e+02	9.34e+05	6.04e+03	1.5e+02
33	PCB-35	8.87e+05	8.96e+03	9.9e+01	8.40e+05	6.04e+03	1.4e+02
34	PCB-37	8.28e+05	8.96e+03	9.2e+01	7.89e+05	6.04e+03	1.3e+02
35	PCB-54	1.60e+06	1.14e+03	1.4e+03	2.10e+06	1.62e+03	1.3e+03
36	PCB-50/53	1.95e+06	1.76e+03	1.1e+03	2.60e+06	1.26e+03	2.1e+03
37	PCB-45/51	1.38e+06	1.76e+03	7.9e+02	1.81e+06	1.26e+03	1.4e+03
38	PCB-46	9.75e+05	1.76e+03	5.5e+02	1.27e+06	1.26e+03	1.0e+03
39	PCB-52	1.31e+06	1.76e+03	7.5e+02	1.65e+06	1.26e+03	1.3e+03
40	PCB-43/73	1.58e+06	1.76e+03	9.0e+02	2.12e+06	1.26e+03	1.7e+03
41	PCB-49/69	2.07e+06	1.76e+03	1.2e+03	2.74e+06	1.26e+03	2.2e+03
42	PCB-48	1.13e+06	1.76e+03	6.4e+02	1.46e+06	1.26e+03	1.2e+03
43	PCB-44/47/65	3.16e+06	1.76e+03	1.8e+03	4.13e+06	1.26e+03	3.3e+03
44	PCB-59/62/75	3.76e+06	1.76e+03	2.1e+03	4.92e+06	1.26e+03	3.9e+03
45	PCB-42	1.16e+06	1.76e+03	6.6e+02	1.50e+06	1.26e+03	1.2e+03
46	PCB-40/41/71	2.49e+06	1.76e+03	1.4e+03	3.29e+06	1.26e+03	2.6e+03
47	PCB-64	1.73e+06	1.76e+03	9.8e+02	2.20e+06	1.26e+03	1.7e+03

Run #1 Filename U220169#1 Samp: 1 Acquired: 19-AUG-09 12:03:41

48	PCB-72	1.75e+06	1.76e+03	1.0e+03	2.30e+06	1.26e+03	1.8e+03
49	PCB-68	1.59e+06	1.76e+03	9.1e+02	2.12e+06	1.26e+03	1.7e+03
50	PCB-57	1.72e+06	1.76e+03	9.8e+02	2.21e+06	1.26e+03	1.8e+03
51	PCB-58	1.56e+06	1.76e+03	8.9e+02	2.01e+06	1.26e+03	1.6e+03
52	PCB-67	1.77e+06	1.76e+03	1.0e+03	2.22e+06	1.26e+03	1.8e+03
53	PCB-63	1.74e+06	1.76e+03	9.9e+02	2.26e+06	1.26e+03	1.8e+03
54	PCB-61/70/74/76	3.63e+06	1.76e+03	2.1e+03	4.76e+06	1.26e+03	3.8e+03
55	PCB-66	1.71e+06	1.76e+03	9.7e+02	2.22e+06	1.26e+03	1.8e+03
56	PCB-55	1.52e+06	1.76e+03	8.6e+02	1.94e+06	1.26e+03	1.5e+03
57	PCB-56	1.41e+06	3.36e+04	4.2e+01	1.77e+06	1.26e+04	1.4e+02
58	PCB-60	1.38e+06	3.36e+04	4.1e+01	1.78e+06	1.26e+04	1.4e+02
59	PCB-80	1.69e+06	3.36e+04	5.0e+01	2.20e+06	1.26e+04	1.7e+02
60	PCB-79	1.60e+06	3.36e+04	4.7e+01	2.07e+06	1.26e+04	1.6e+02
61	PCB-78	1.44e+06	3.36e+04	4.3e+01	1.91e+06	1.26e+04	1.5e+02
62	PCB-81	1.43e+06	3.36e+04	4.3e+01	1.82e+06	1.26e+04	1.4e+02
63	PCB-77	1.27e+06	3.36e+04	3.8e+01	1.64e+06	1.26e+04	1.3e+02
64	PCB-104	1.98e+06	1.58e+03	1.3e+03	1.31e+06	1.78e+03	7.4e+02
65	PCB-96	2.09e+06	1.58e+03	1.3e+03	1.37e+06	1.78e+03	7.7e+02
66	PCB-103	1.84e+06	1.58e+03	1.2e+03	1.16e+06	1.78e+03	6.5e+02
67	PCB-94	1.45e+06	1.58e+03	9.2e+02	9.36e+05	1.78e+03	5.3e+02
68	PCB-95	1.70e+06	1.58e+03	1.1e+03	1.11e+06	1.78e+03	6.2e+02
69	PCB-93/100	2.97e+06	1.58e+03	1.9e+03	1.98e+06	1.78e+03	1.1e+03
70	PCB-98/102	2.08e+06	1.58e+03	1.3e+03	1.33e+06	1.78e+03	7.5e+02
71	PCB-88/91	1.83e+06	1.58e+03	1.2e+03	1.17e+06	1.78e+03	6.6e+02
72	PCB-84	1.45e+06	1.58e+03	9.2e+02	8.77e+05	1.78e+03	4.9e+02
73	PCB-89	1.34e+06	3.21e+03	4.2e+02	8.83e+05	4.72e+03	1.9e+02
74	PCB-121	1.88e+06	3.21e+03	5.9e+02	1.21e+06	4.72e+03	2.6e+02
75	PCB-92	1.47e+06	3.21e+03	4.6e+02	9.54e+05	4.72e+03	2.0e+02
76	PCB-90/101/113	3.44e+06	3.21e+03	1.1e+03	2.21e+06	4.72e+03	4.7e+02
77	PCB-83/99	1.68e+06	3.21e+03	5.2e+02	1.06e+06	4.72e+03	2.2e+02
78	PCB-112	1.99e+06	3.21e+03	6.2e+02	1.26e+06	4.72e+03	2.7e+02
79	CB-86/87/97/109/119/125	6.13e+06	3.21e+03	1.9e+03	3.89e+06	4.72e+03	8.2e+02
80	PCB-117	2.17e+06	3.21e+03	6.7e+02	1.38e+06	4.72e+03	2.9e+02
81	PCB-85/116	3.44e+06	3.21e+03	1.1e+03	2.20e+06	4.72e+03	4.6e+02
82	PCB-110/115	2.16e+06	3.21e+03	6.7e+02	1.38e+06	4.72e+03	2.9e+02
83	PCB-82	1.31e+06	3.21e+03	4.1e+02	8.52e+05	4.72e+03	1.8e+02
84	PCB-111	1.88e+06	3.21e+03	5.8e+02	1.23e+06	4.72e+03	2.6e+02
85	PCB-120	2.10e+06	3.21e+03	6.5e+02	1.34e+06	4.72e+03	2.8e+02
86	PCB-108/124	3.57e+06	1.12e+05	3.2e+01	2.29e+06	1.30e+04	1.8e+02
87	PCB-107	1.83e+06	1.12e+05	1.6e+01	1.24e+06	1.30e+04	9.5e+01
88	PCB-123	1.81e+06	1.12e+05	1.6e+01	1.22e+06	1.30e+04	9.4e+01
89	PCB-106	1.84e+06	1.12e+05	1.6e+01	1.24e+06	1.30e+04	9.5e+01
90	PCB-118	1.69e+06	1.12e+05	1.5e+01	1.11e+06	1.30e+04	8.5e+01
91	PCB-122	1.74e+06	1.12e+05	1.6e+01	1.13e+06	1.30e+04	8.7e+01
92	PCB-114	1.77e+06	1.12e+05	1.6e+01	1.16e+06	1.30e+04	8.9e+01
93	PCB-105	1.81e+06	1.12e+05	1.6e+01	1.21e+06	1.30e+04	9.3e+01
94	PCB-127	1.73e+06	1.12e+05	1.5e+01	1.14e+06	1.30e+04	8.7e+01
95	PCB-126	1.50e+06	1.12e+05	1.3e+01	9.68e+05	1.30e+04	7.4e+01
96	PCB-155	1.96e+06	1.13e+03	1.7e+03	1.66e+06	1.28e+03	1.3e+03
97	PCB-152	1.97e+06	1.13e+03	1.7e+03	1.65e+06	1.28e+03	1.3e+03
98	PCB-150	1.85e+06	1.13e+03	1.6e+03	1.58e+06	1.28e+03	1.2e+03
99	PCB-136	1.89e+06	1.13e+03	1.7e+03	1.60e+06	1.28e+03	1.3e+03
100	PCB-145	1.79e+06	1.13e+03	1.6e+03	1.54e+06	1.28e+03	1.2e+03
101	PCB-148	1.46e+06	1.13e+03	1.3e+03	1.28e+06	1.28e+03	1.0e+03
102	PCB-135/151	1.87e+06	1.13e+03	1.7e+03	1.58e+06	1.28e+03	1.2e+03
103	PCB-154	1.74e+06	1.13e+03	1.5e+03	1.47e+06	1.28e+03	1.2e+03
104	PCB-144	1.55e+06	1.13e+03	1.4e+03	1.33e+06	1.28e+03	1.0e+03

Run #1 Filename U220169#1 Samp: 1 Acquired: 19-AUG-09 12:03:41

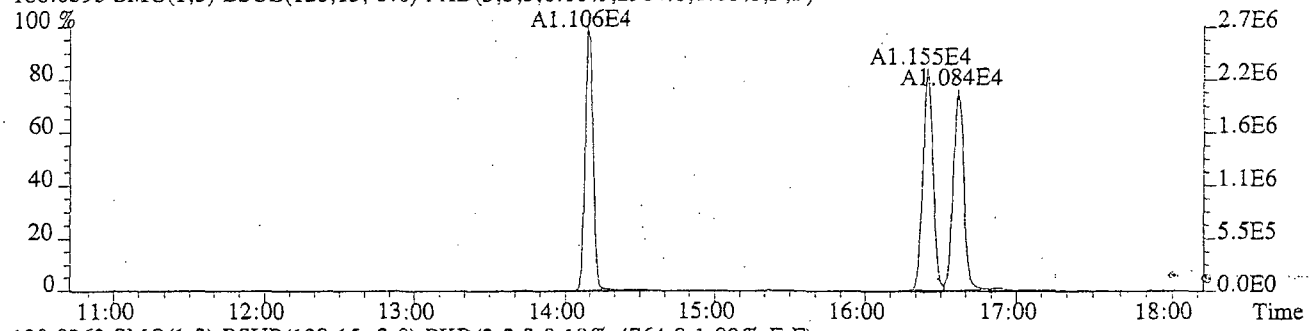
105	PCB-147/149	2.77e+06	1.05e+04	2.6e+02	2.16e+06	4.69e+03	4.6e+02
106	PCB-134	1.23e+06	1.05e+04	1.2e+02	9.63e+05	4.69e+03	2.1e+02
107	PCB-143	1.31e+06	1.05e+04	1.2e+02	1.06e+06	4.69e+03	2.3e+02
108	PCB-139/140	2.55e+06	1.05e+04	2.4e+02	2.06e+06	4.69e+03	4.4e+02
109	PCB-131	1.22e+06	1.05e+04	1.2e+02	9.64e+05	4.69e+03	2.1e+02
110	PCB-142	1.18e+06	1.05e+04	1.1e+02	9.38e+05	4.69e+03	2.0e+02
111	PCB-132	1.14e+06	1.05e+04	1.1e+02	9.02e+05	4.69e+03	1.9e+02
112	PCB-133	1.28e+06	1.05e+04	1.2e+02	1.00e+06	4.69e+03	2.1e+02
113	PCB-165	1.51e+06	1.05e+04	1.4e+02	1.22e+06	4.69e+03	2.6e+02
114	PCB-146	1.50e+06	1.05e+04	1.4e+02	1.15e+06	4.69e+03	2.5e+02
115	PCB-161	1.73e+06	1.05e+04	1.6e+02	1.39e+06	4.69e+03	3.0e+02
116	PCB-153/168	2.51e+06	1.05e+04	2.4e+02	1.97e+06	4.69e+03	4.2e+02
117	PCB-141	1.30e+06	1.05e+04	1.2e+02	1.03e+06	4.69e+03	2.2e+02
118	PCB-130	1.16e+06	1.05e+04	1.1e+02	9.14e+05	4.69e+03	1.9e+02
119	PCB-137	1.25e+06	1.05e+04	1.2e+02	1.01e+06	4.69e+03	2.2e+02
120	PCB-164	1.69e+06	1.05e+04	1.6e+02	1.33e+06	4.69e+03	2.8e+02
121	PCB-129/138/163	3.32e+06	1.05e+04	3.2e+02	2.63e+06	4.69e+03	5.6e+02
122	PCB-160	1.56e+06	1.05e+04	1.5e+02	1.22e+06	4.69e+03	2.6e+02
123	PCB-158	1.80e+06	1.05e+04	1.7e+02	1.45e+06	4.69e+03	3.1e+02
124	PCB-128/166	2.62e+06	1.05e+04	2.5e+02	2.12e+06	4.69e+03	4.5e+02
125	PCB-159	1.59e+06	2.60e+03	6.1e+02	1.31e+06	2.49e+03	5.2e+02
126	PCB-162	1.53e+06	2.60e+03	5.9e+02	1.20e+06	2.49e+03	4.8e+02
127	PCB-167	1.62e+06	2.60e+03	6.2e+02	1.31e+06	2.49e+03	5.3e+02
128	PCB-156/157	2.33e+06	2.60e+03	8.9e+02	1.92e+06	2.49e+03	7.7e+02
129	PCB-169	1.32e+06	2.60e+03	5.1e+02	1.06e+06	2.49e+03	4.3e+02
130	PCB-188	1.64e+06	1.50e+03	1.1e+03	1.60e+06	8.60e+02	1.9e+03
131	PCB-179	1.69e+06	1.50e+03	1.1e+03	1.68e+06	8.60e+02	2.0e+03
132	PCB-184	1.60e+06	1.50e+03	1.1e+03	1.62e+06	8.60e+02	1.9e+03
133	PCB-176	1.61e+06	1.50e+03	1.1e+03	1.61e+06	8.60e+02	1.9e+03
134	PCB-186	1.51e+06	1.50e+03	1.0e+03	1.50e+06	8.60e+02	1.7e+03
135	PCB-178	1.19e+06	1.50e+03	8.0e+02	1.19e+06	8.60e+02	1.4e+03
136	PCB-175	1.27e+06	1.50e+03	8.5e+02	1.24e+06	8.60e+02	1.4e+03
137	PCB-187	1.24e+06	1.50e+03	8.3e+02	1.28e+06	8.60e+02	1.5e+03
138	PCB-182	1.20e+06	1.50e+03	8.0e+02	1.28e+06	8.60e+02	1.5e+03
139	PCB-183	1.17e+06	1.89e+03	6.2e+02	1.19e+06	2.24e+03	5.3e+02
140	PCB-185	1.02e+06	1.89e+03	5.4e+02	1.03e+06	2.24e+03	4.6e+02
141	PCB-174	1.07e+06	1.89e+03	5.7e+02	1.08e+06	2.24e+03	4.8e+02
142	PCB-177	1.00e+06	1.89e+03	5.3e+02	9.92e+05	2.24e+03	4.4e+02
143	PCB-181	1.01e+06	1.89e+03	5.3e+02	1.03e+06	2.24e+03	4.6e+02
144	PCB-171/173	1.81e+06	1.89e+03	9.6e+02	1.84e+06	2.24e+03	8.2e+02
145	PCB-172	9.18e+05	1.89e+03	4.9e+02	9.60e+05	2.24e+03	4.3e+02
146	PCB-192	1.17e+06	1.89e+03	6.2e+02	1.19e+06	2.24e+03	5.3e+02
147	PCB-180/193	1.66e+06	1.89e+03	8.8e+02	1.66e+06	2.24e+03	7.4e+02
148	PCB-191	1.26e+06	1.89e+03	6.6e+02	1.29e+06	2.24e+03	5.8e+02
149	PCB-170	9.04e+05	1.89e+03	4.8e+02	9.24e+05	2.24e+03	4.1e+02
150	PCB-190	1.19e+06	1.89e+03	6.3e+02	1.19e+06	2.24e+03	5.3e+02
151	PCB-189	1.05e+06	1.89e+03	5.6e+02	1.07e+06	2.24e+03	4.8e+02
152	PCB-202	1.68e+06	1.34e+03	1.3e+03	2.00e+06	1.91e+03	1.0e+03
153	PCB-201	1.92e+06	1.34e+03	1.4e+03	2.28e+06	1.91e+03	1.2e+03
154	PCB-204	1.88e+06	1.34e+03	1.4e+03	2.21e+06	1.91e+03	1.2e+03
155	PCB-197	1.82e+06	1.34e+03	1.4e+03	2.11e+06	1.91e+03	1.1e+03
156	PCB-200	1.89e+06	1.34e+03	1.4e+03	2.22e+06	1.91e+03	1.2e+03
157	PCB-198/199	2.02e+06	1.34e+03	1.5e+03	2.43e+06	1.91e+03	1.3e+03
158	PCB-196	1.34e+06	1.34e+03	1.0e+03	1.61e+06	1.91e+03	8.4e+02
159	PCB-203	1.39e+06	1.34e+03	1.0e+03	1.63e+06	1.91e+03	8.5e+02
160	PCB-195	1.19e+06	1.34e+03	8.9e+02	1.42e+06	1.91e+03	7.4e+02
161	PCB-194	1.28e+06	1.34e+03	9.6e+02	1.48e+06	1.91e+03	7.8e+02
162	PCB-205	1.45e+06	1.34e+03	1.1e+03	1.69e+06	1.91e+03	8.9e+02

Run #1 Filename U220169#1 Samp: 1 Acquired: 19-AUG-09 12:03:41

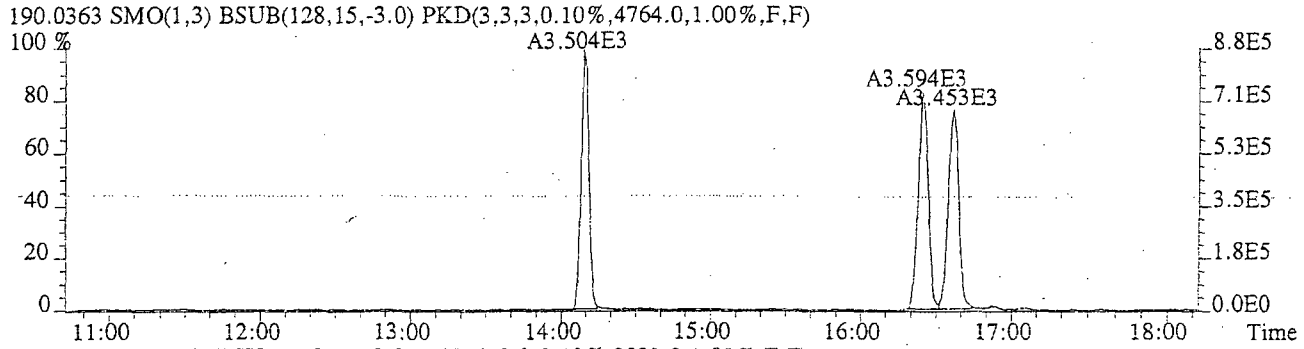
163	PCB-208	1.56e+06	1.40e+03	1.1e+03	2.03e+06	1.39e+03	1.5e+03
164	PCB-207	1.65e+06	1.40e+03	1.2e+03	2.06e+06	1.39e+03	1.5e+03
165	PCB-206	1.03e+06	1.24e+03	8.3e+02	1.33e+06	2.18e+03	6.1e+02
166	PCB-209	1.67e+06	7.12e+02	2.4e+03	1.39e+06	1.29e+03	1.1e+03
167	PCB-1L	1.06e+07	2.93e+03	3.6e+03	3.58e+06	3.45e+04	1.0e+02
168	PCB-3L	8.34e+06	2.93e+03	2.8e+03	2.74e+06	3.45e+04	7.9e+01
169	PCB-4L	5.38e+06	4.16e+03	1.3e+03	3.51e+06	3.37e+03	1.0e+03
170	PCB-15L	4.92e+06	5.88e+03	8.4e+02	3.23e+06	3.65e+03	8.9e+02
171	PCB-19L	2.76e+06	4.95e+04	5.6e+01	2.70e+06	2.61e+04	1.0e+02
172	PCB-37L	3.32e+06	5.15e+04	6.5e+01	3.19e+06	2.24e+04	1.4e+02
173	PCB-54L	3.50e+06	3.55e+03	9.8e+02	4.48e+06	3.51e+03	1.3e+03
174	PCB-81L	2.72e+06	4.48e+03	6.1e+02	3.45e+06	3.01e+03	1.1e+03
175	PCB-77L	2.58e+06	4.48e+03	5.8e+02	3.26e+06	3.01e+03	1.1e+03
176	PCB-104L	4.36e+06	1.62e+03	2.7e+03	2.88e+06	1.40e+03	2.1e+03
177	PCB-123L	3.67e+06	4.30e+03	8.5e+02	2.40e+06	4.98e+03	4.8e+02
178	PCB-118L	3.92e+06	4.30e+03	9.1e+02	2.52e+06	4.98e+03	5.1e+02
179	PCB-114L	3.70e+06	4.30e+03	8.6e+02	2.36e+06	4.98e+03	4.7e+02
180	PCB-105L	3.60e+06	4.30e+03	8.4e+02	2.26e+06	4.98e+03	4.5e+02
181	PCB-126L	3.26e+06	4.30e+03	7.6e+02	2.17e+06	4.98e+03	4.4e+02
182	PCB-155L	4.66e+06	7.76e+02	6.0e+03	3.67e+06	1.28e+03	2.9e+03
183	PCB-167L	3.21e+06	1.38e+03	2.3e+03	2.55e+06	9.92e+02	2.6e+03
184	PCB-156/157L	4.72e+06	1.38e+03	3.4e+03	3.82e+06	9.92e+02	3.8e+03
185	PCB-169L	2.55e+06	1.38e+03	1.8e+03	2.03e+06	9.92e+02	2.0e+03
186	PCB-188L	3.81e+06	1.10e+03	3.5e+03	3.60e+06	6.16e+02	5.8e+03
187	PCB-189L	2.38e+06	1.58e+03	1.5e+03	2.36e+06	1.10e+03	2.1e+03
188	PCB-202L	2.82e+06	8.16e+02	3.5e+03	3.20e+06	1.30e+03	2.5e+03
189	PCB-205L	2.40e+06	8.16e+02	2.9e+03	2.69e+06	1.30e+03	2.1e+03
190	PCB-208L	2.34e+06	7.76e+02	3.0e+03	2.97e+06	8.36e+02	3.6e+03
191	PCB-206L	1.49e+06	1.26e+03	1.2e+03	2.00e+06	1.10e+03	1.8e+03
192	PCB-209L	2.45e+06	1.04e+03	2.3e+03	2.10e+06	1.05e+03	2.0e+03
193	PCB-28L	3.58e+06	5.15e+04	6.9e+01	3.48e+06	2.24e+04	1.6e+02
194	PCB-111L	4.02e+06	1.48e+03	2.7e+03	2.61e+06	1.64e+03	1.6e+03
195	PCB-178L	2.44e+06	1.10e+03	2.2e+03	2.39e+06	6.16e+02	3.9e+03
196	PCB-9L	6.20e+06	5.88e+03	1.1e+03	3.97e+06	3.65e+03	1.1e+03
197	PCB-52L	2.58e+06	4.04e+03	6.4e+02	3.30e+06	2.34e+03	1.4e+03
198	PCB-101L	3.41e+06	1.48e+03	2.3e+03	2.20e+06	1.64e+03	1.3e+03
199	PCB-138L	2.94e+06	7.68e+02	3.8e+03	2.35e+06	1.20e+03	2.0e+03
200	PCB-194L	2.06e+06	8.16e+02	2.5e+03	2.38e+06	1.30e+03	1.8e+03

File:U220169 #1-482 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION

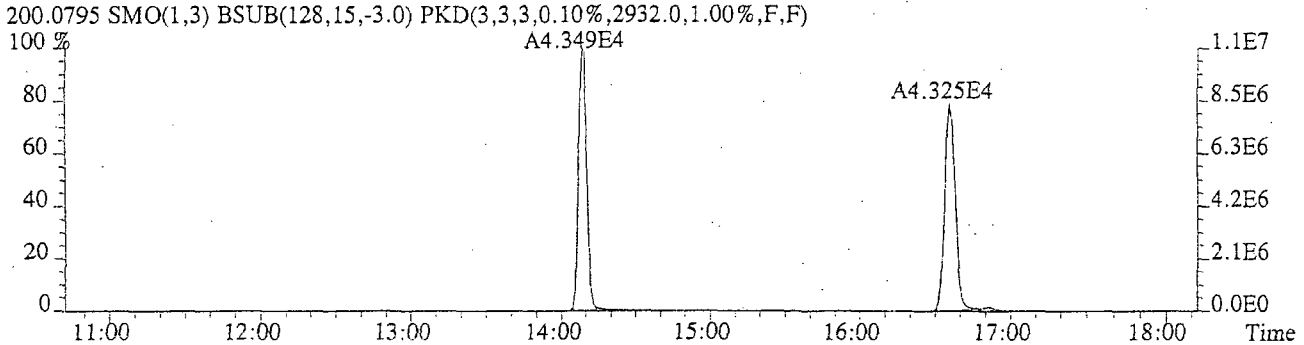
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2984.0,1.00%,F,F)



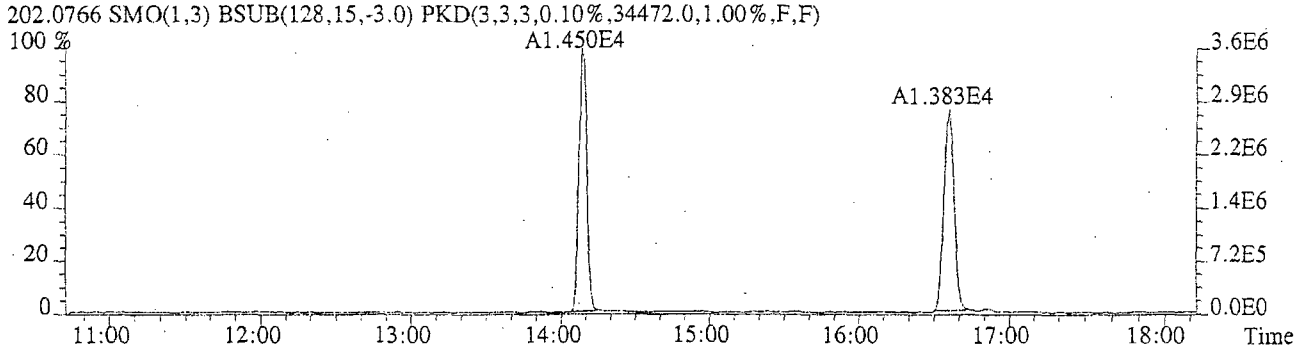
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4764.0,1.00%,F,F)



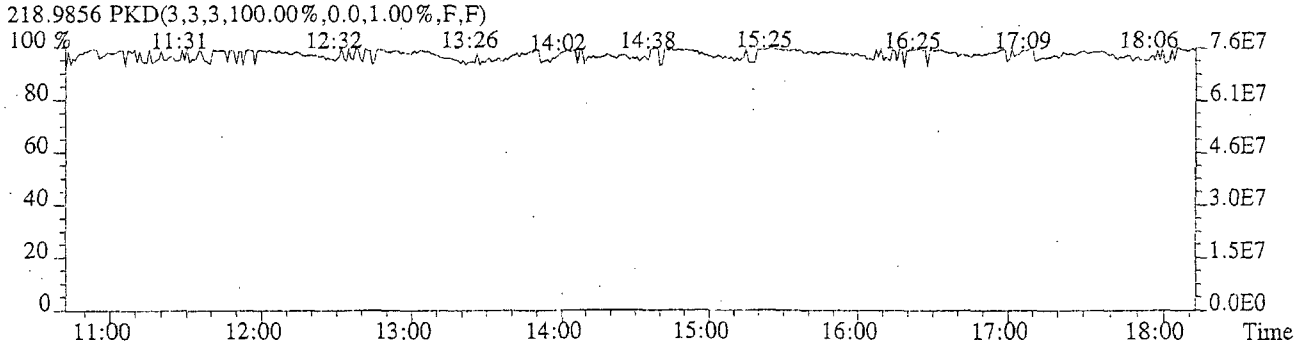
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2932.0,1.00%,F,F)



202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,34472.0,1.00%,F,F)

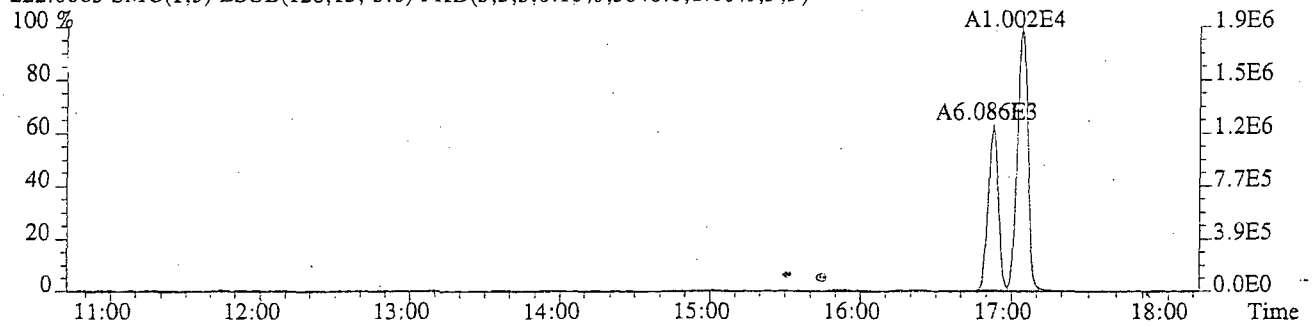


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

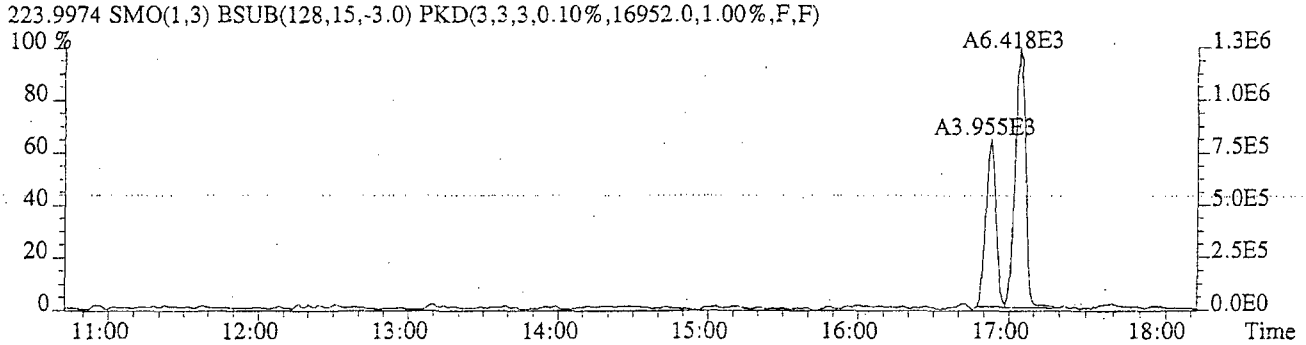


File:U220169 #1-482 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

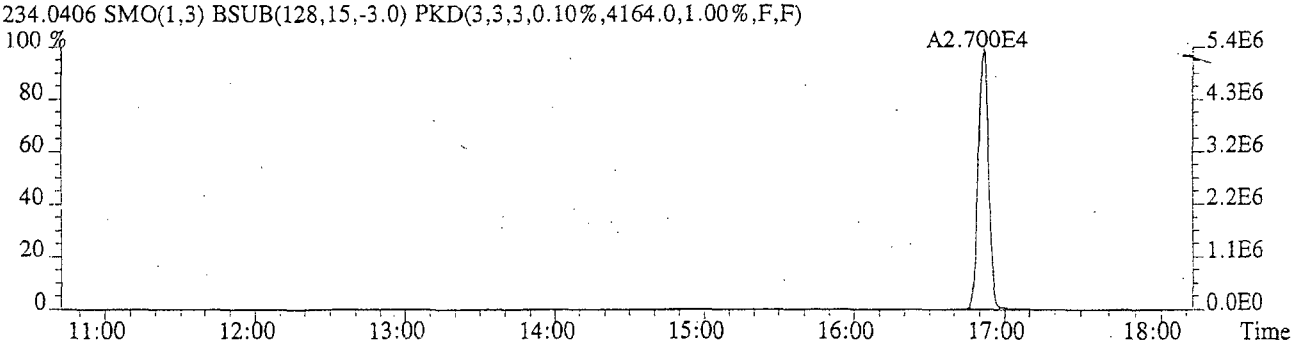
222.0003 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3048.0,1.00%,F,F)



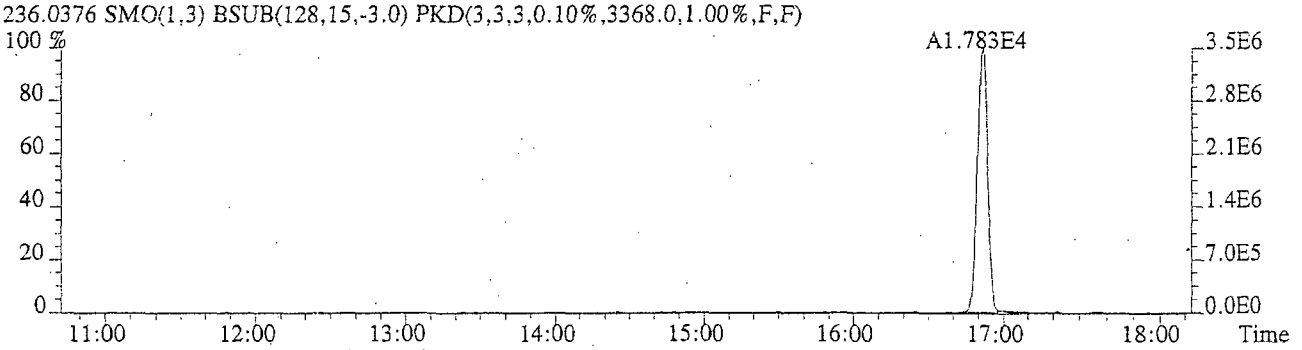
223.9974 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,16952.0,1.00%,F,F)



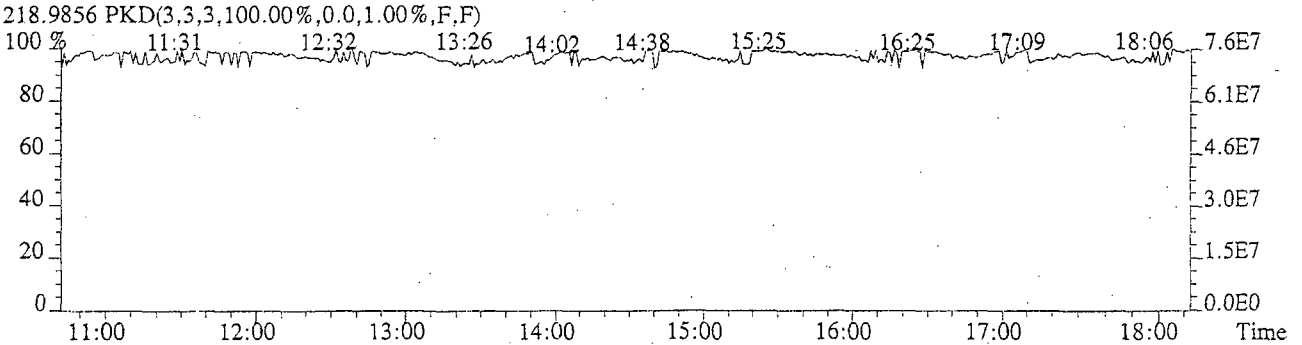
234.0406 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4164.0,1.00%,F,F)



236.0376 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3368.0,1.00%,F,F)

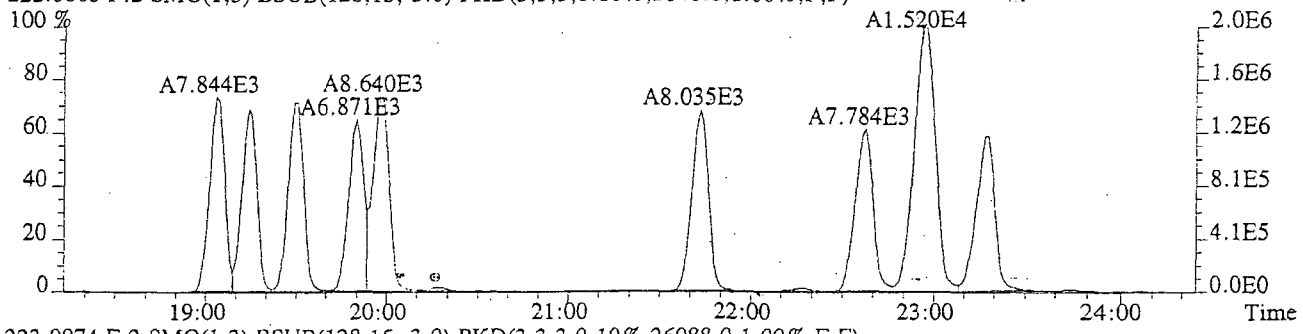


218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

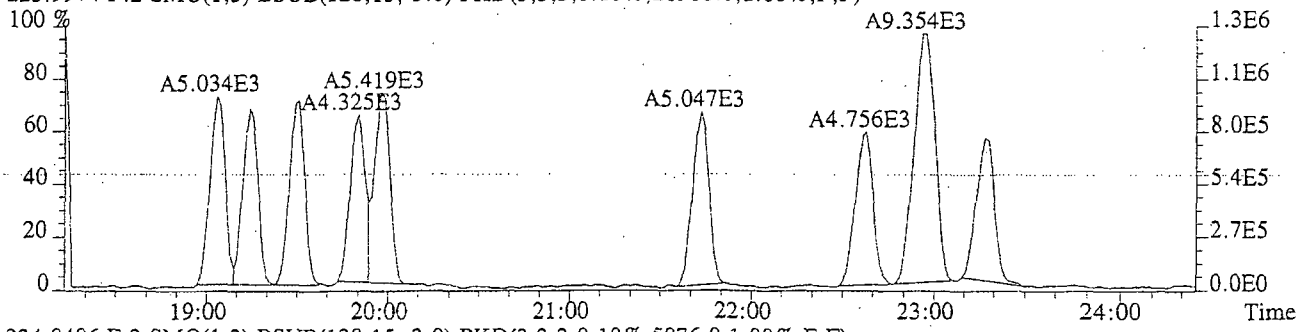


File:U220169 #1-342 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

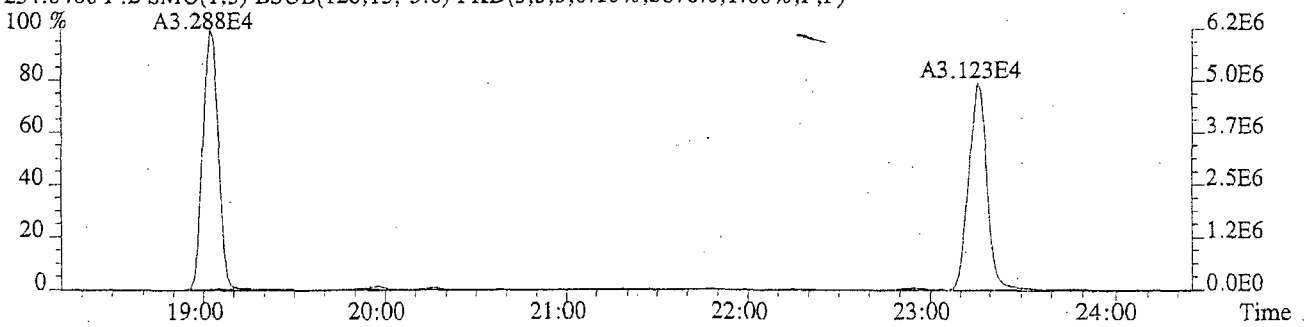
222.0003 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2040.0,1.00%,F,F)



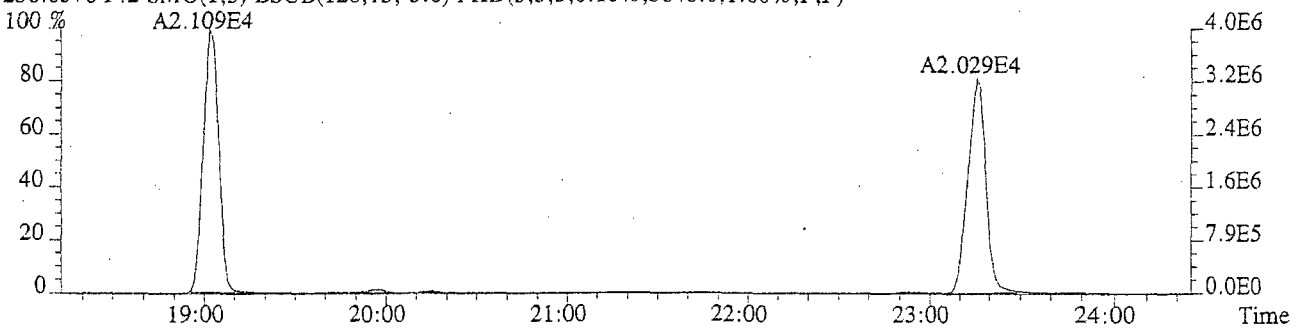
223.9974 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,26988.0,1.00%,F,F)



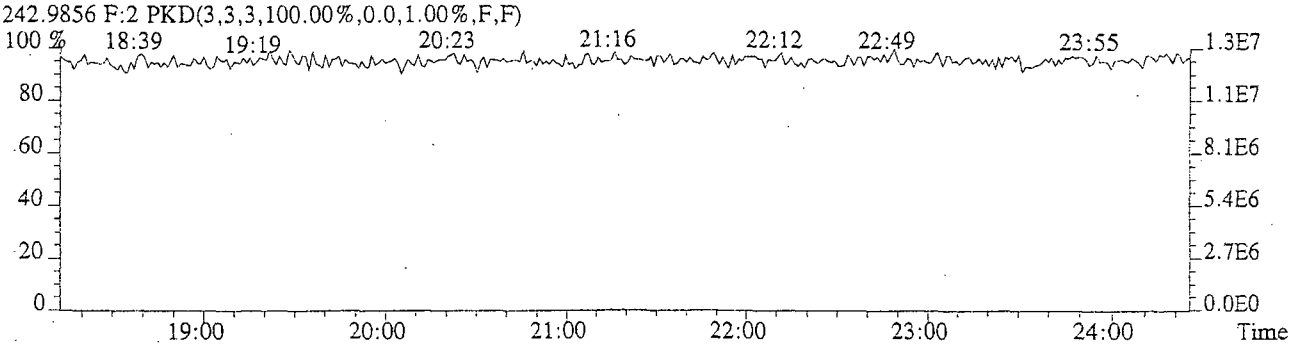
234.0406 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5876.0,1.00%,F,F)



236.0376 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3648.0,1.00%,F,F)

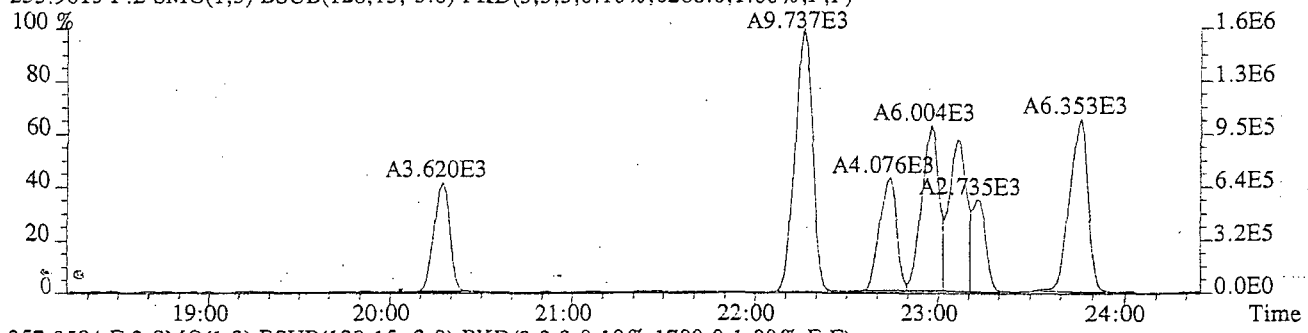


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

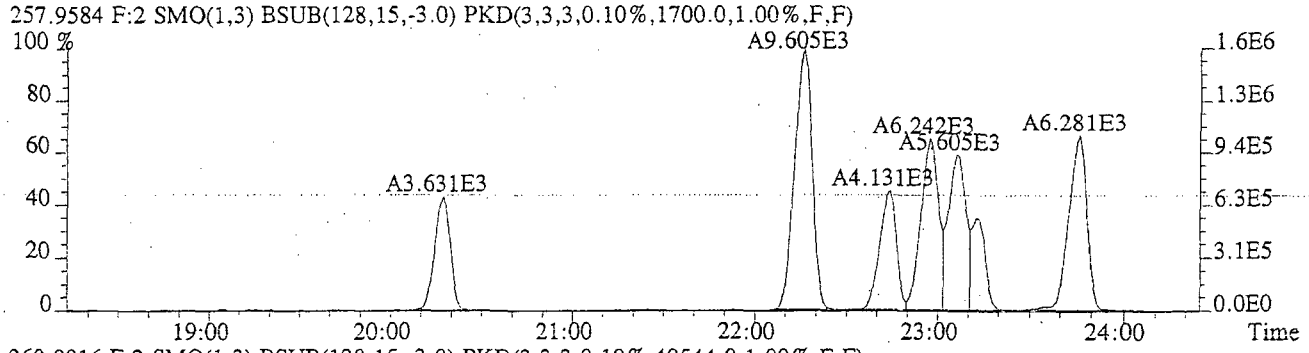


File:U220169 #1-342 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

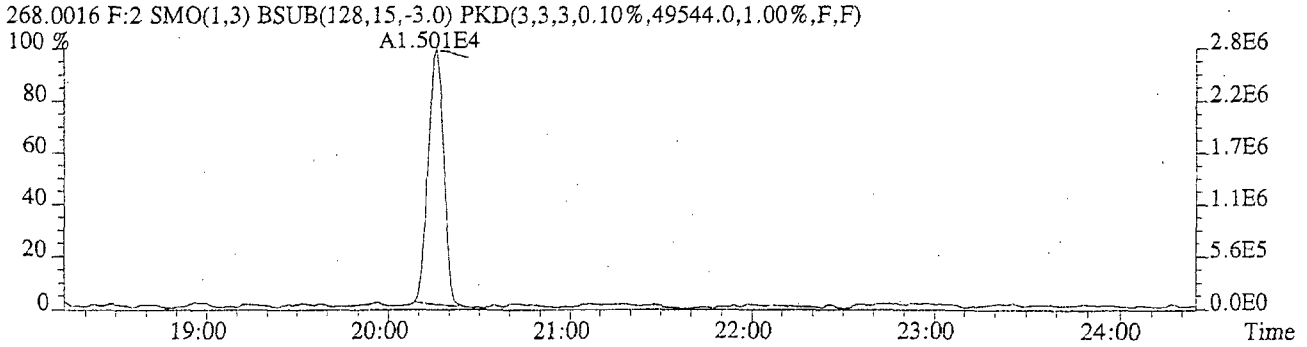
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6268.0,1.00%,F,F)



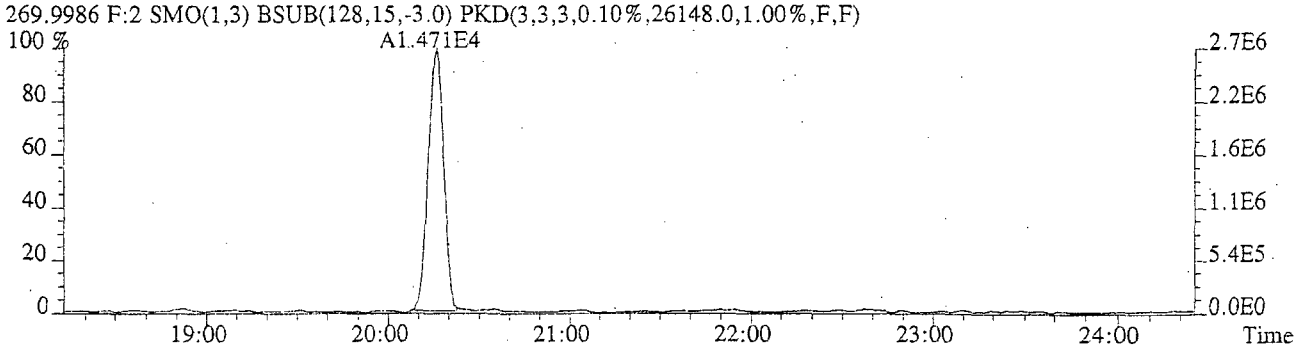
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1700.0,1.00%,F,F)



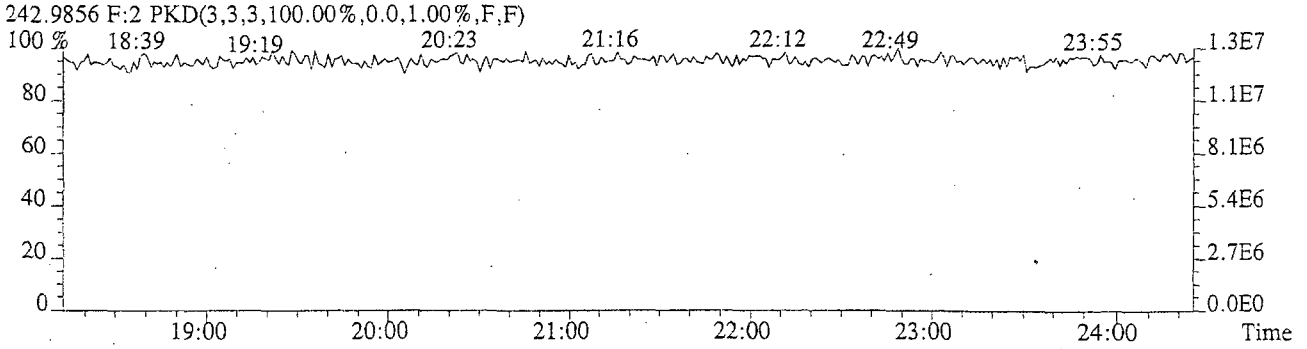
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,49544.0,1.00%,F,F)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,26148.0,1.00%,F,F)

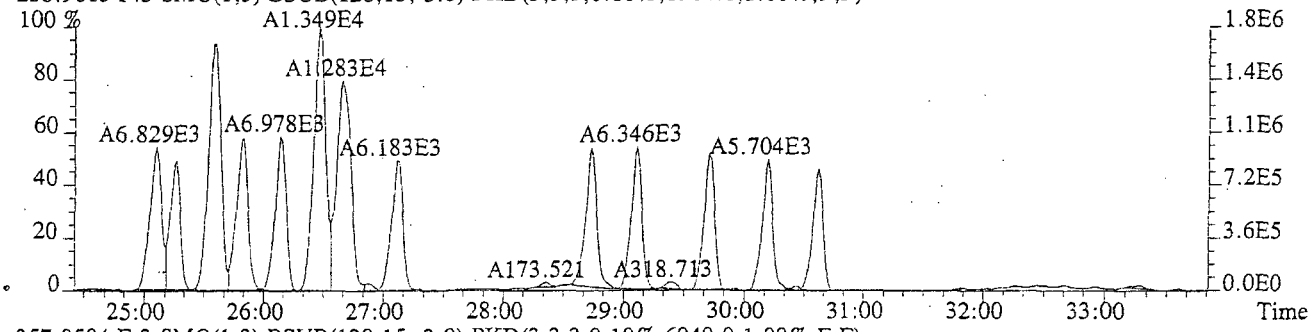


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

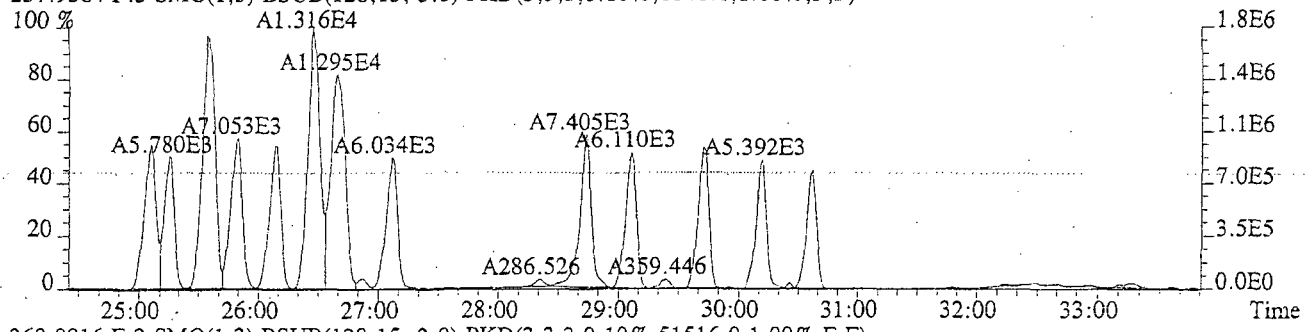


File:U220169 #1-603 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

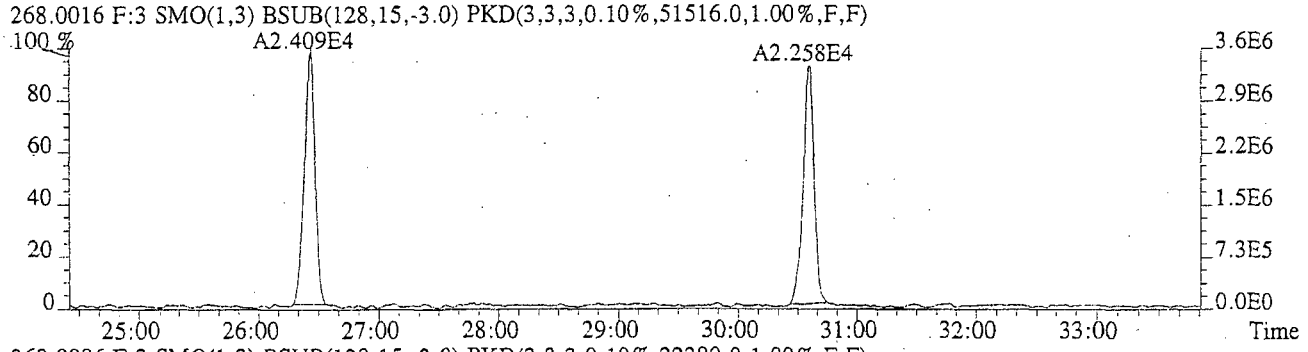
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,8964.0,1.00%,F,F)



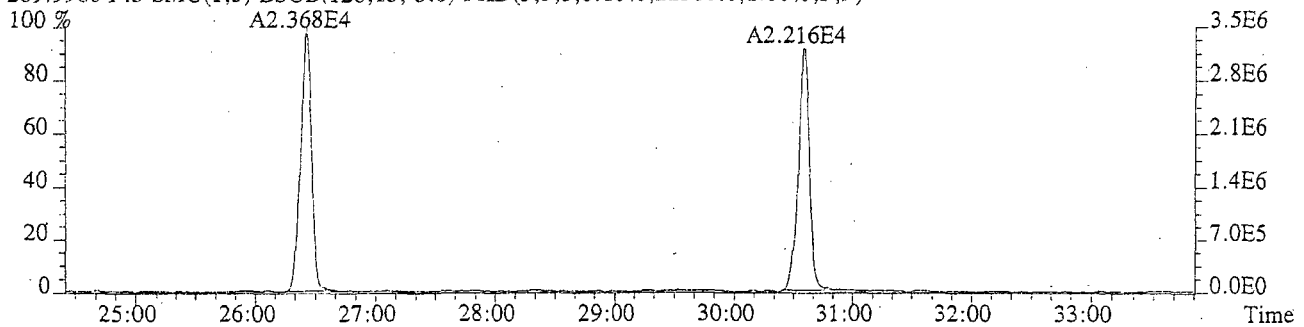
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,6040.0,1.00%,F,F)



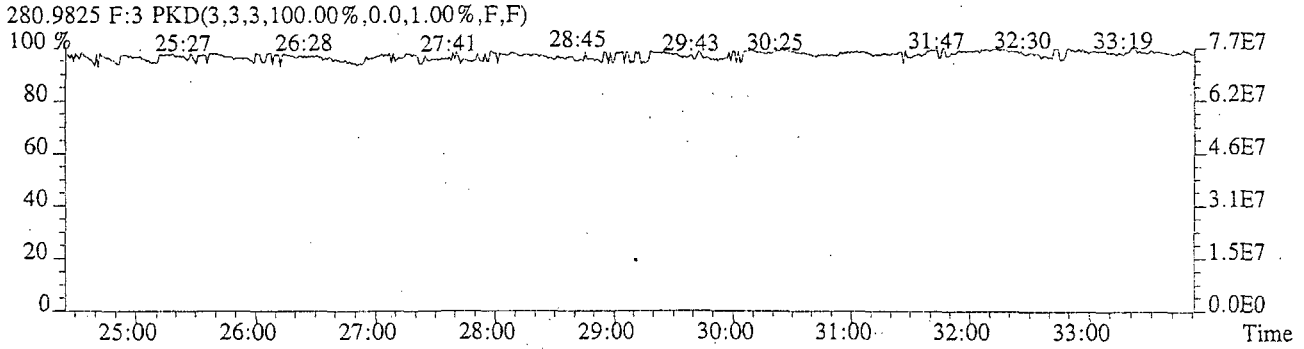
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,51516.0,1.00%,F,F)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,22380.0,1.00%,F,F)

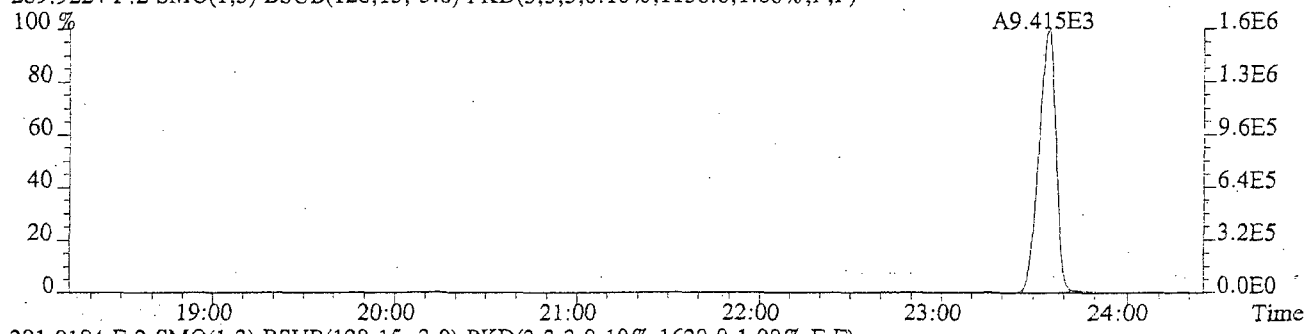


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

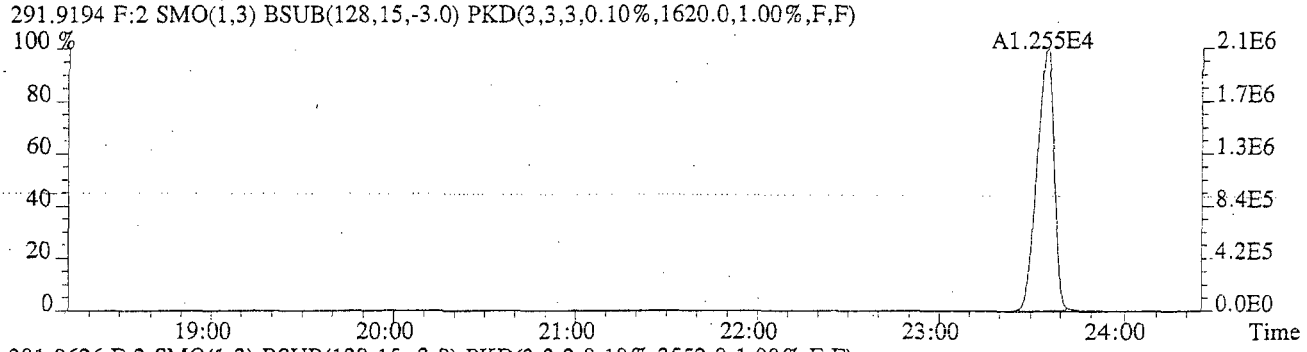


File:U220169 #1-342 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

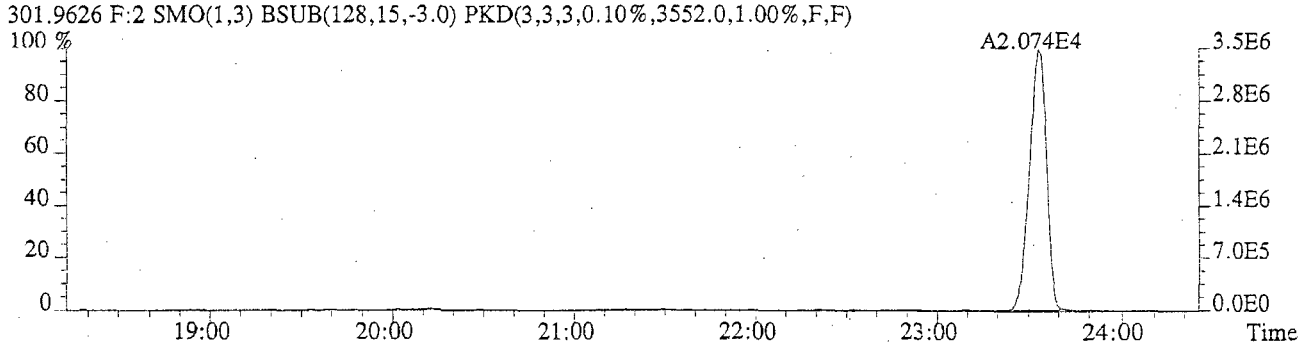
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1136.0,1.00%,F,F)



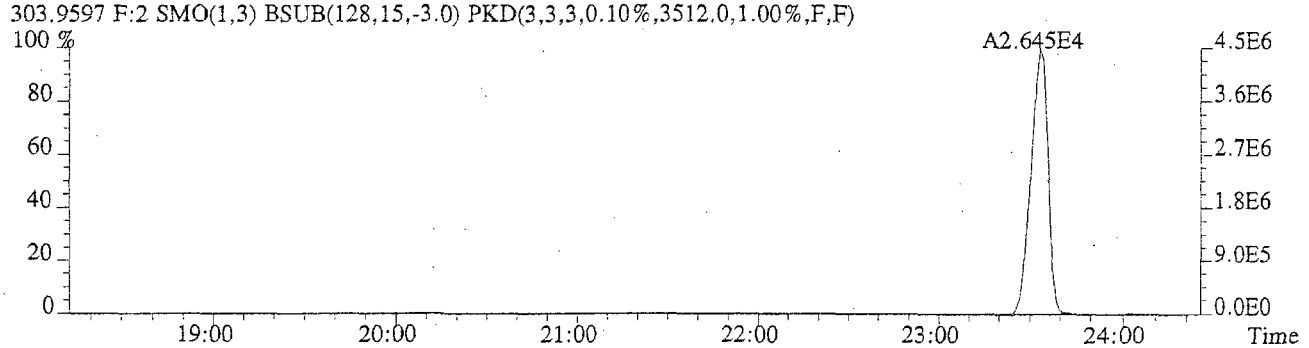
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1620.0,1.00%,F,F)



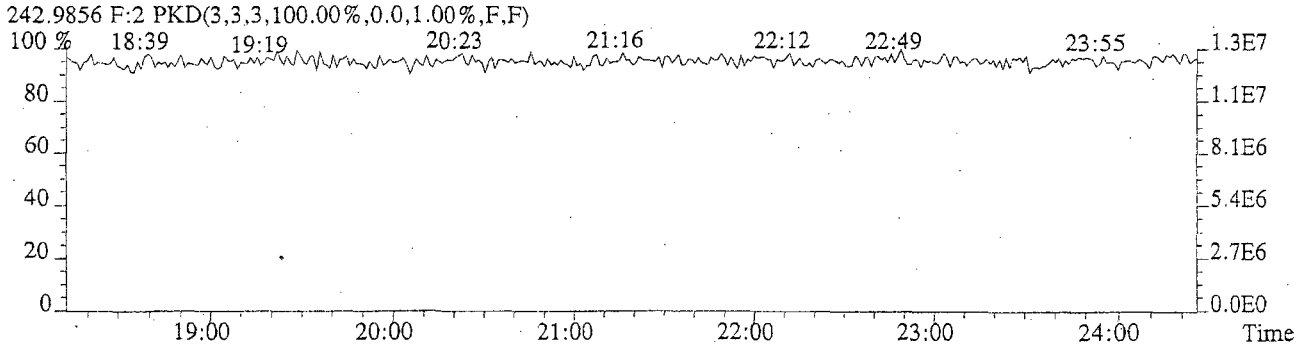
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3552.0,1.00%,F,F)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3512.0,1.00%,F,F)

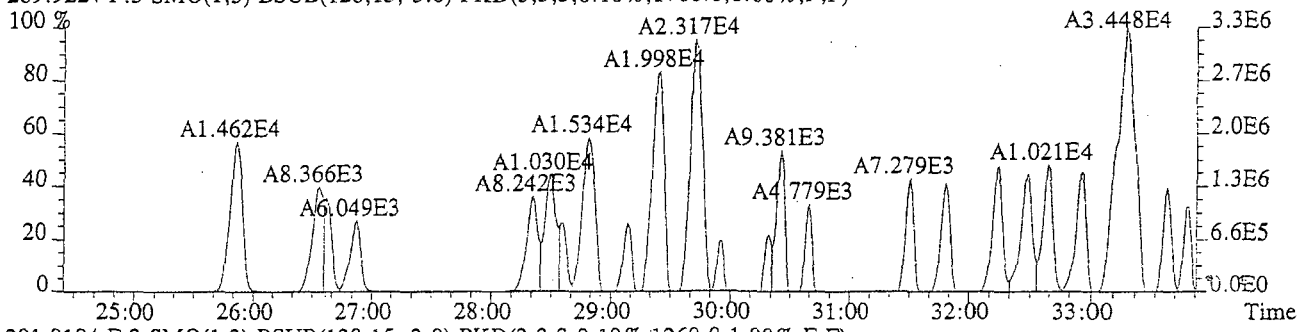


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

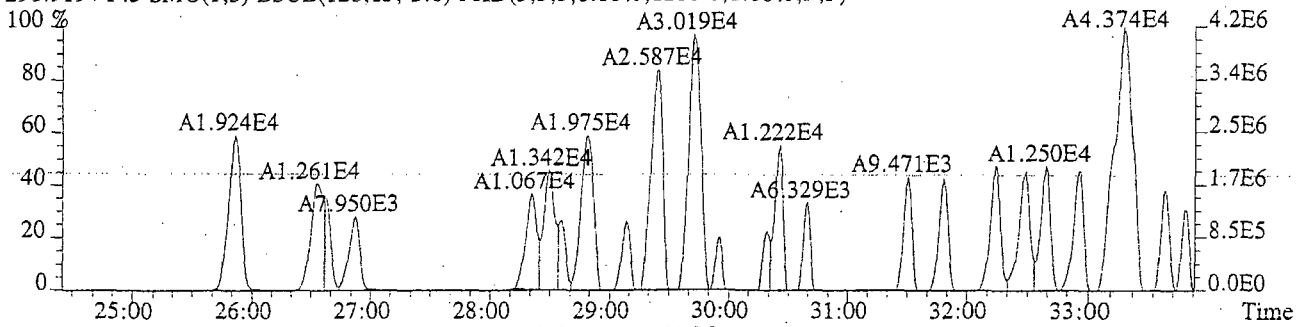


File:U220169 #1-603 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

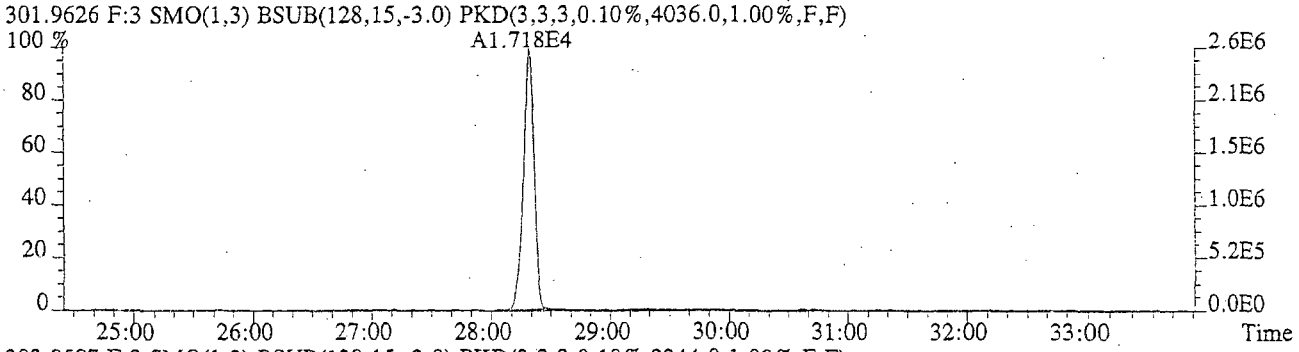
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1760.0,1.00%,F,F)



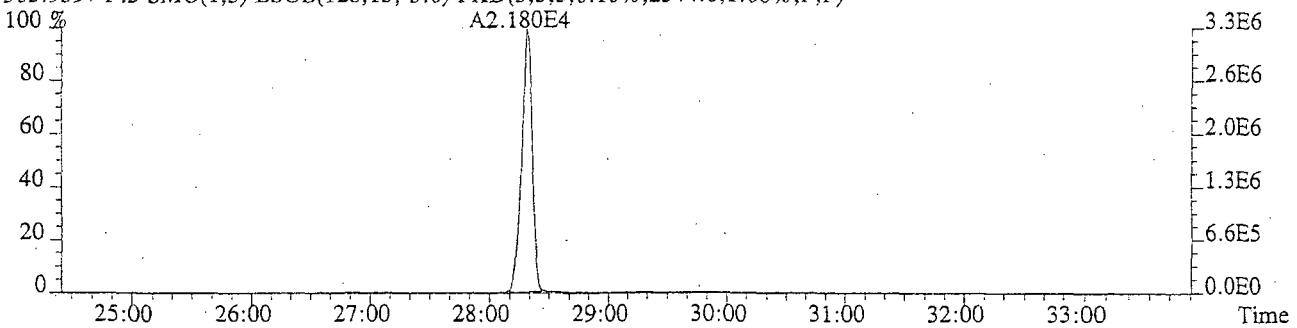
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1260.0,1.00%,F,F)



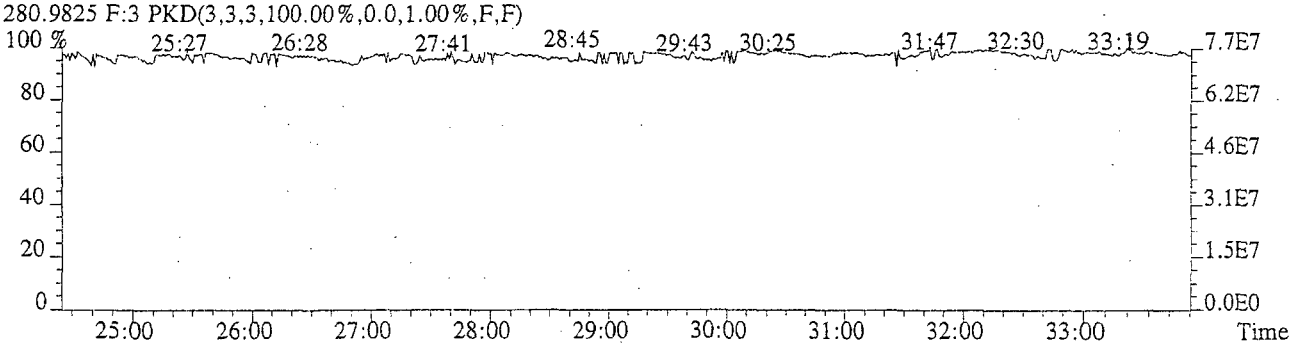
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4036.0,1.00%,F,F)



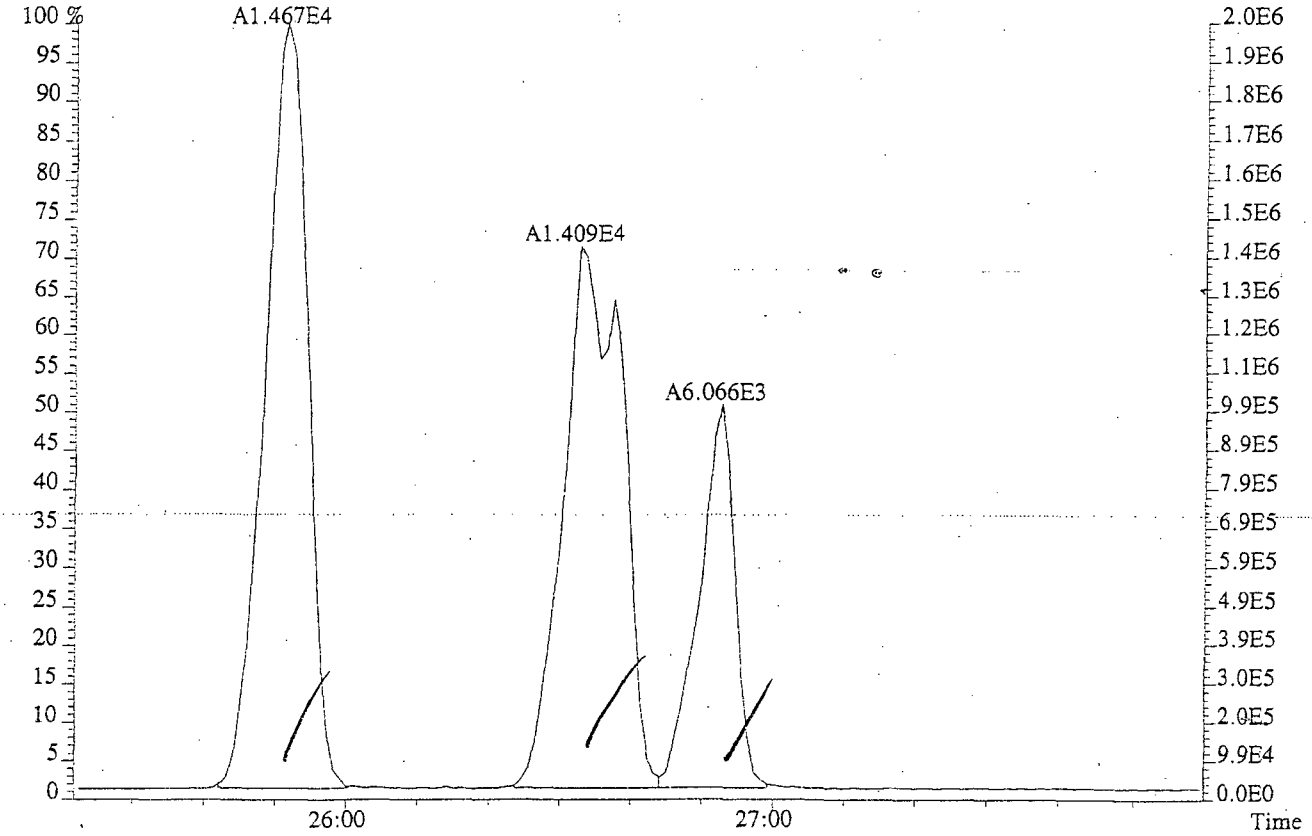
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2344.0,1.00%,F,F)



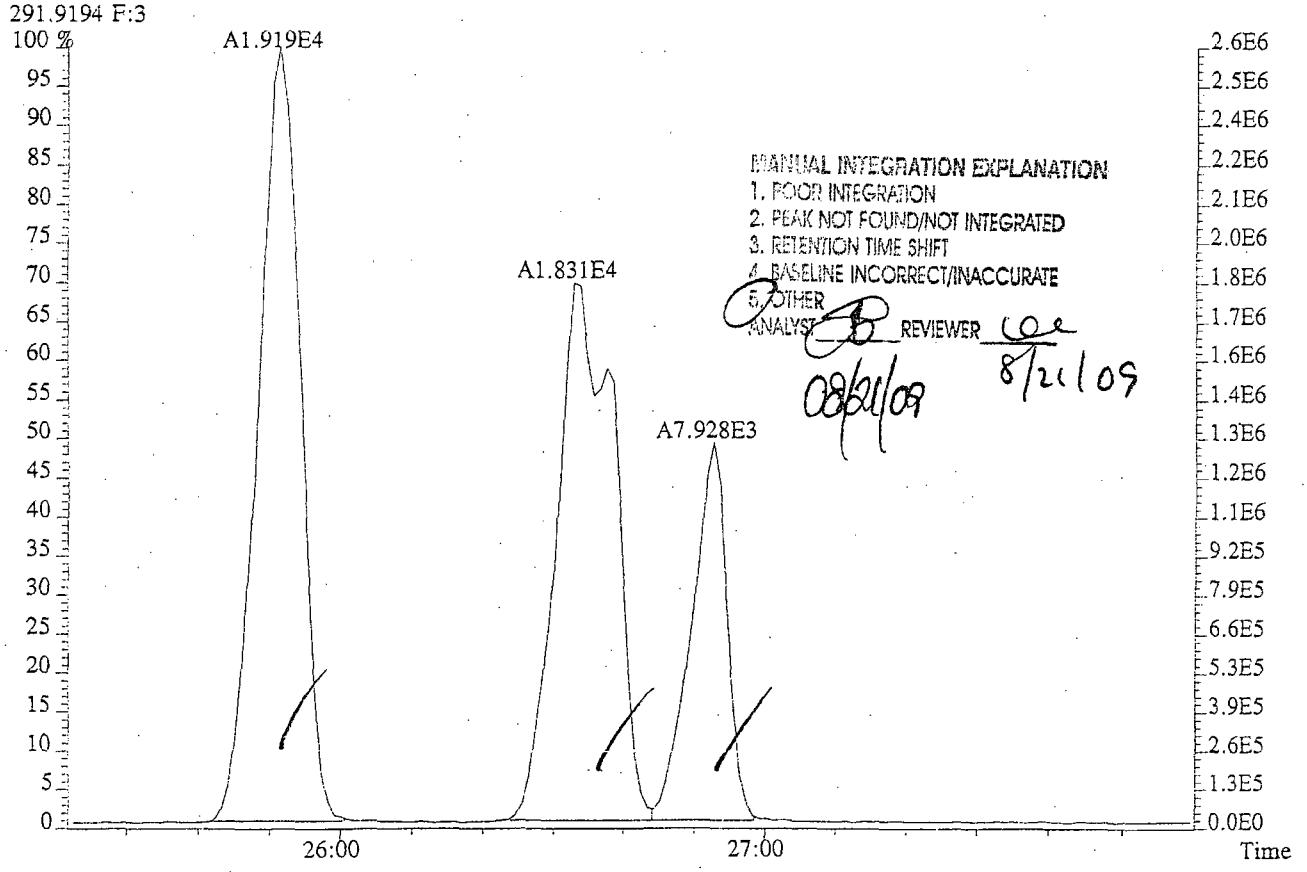
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220169 #1-603 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
289.9224 F:3

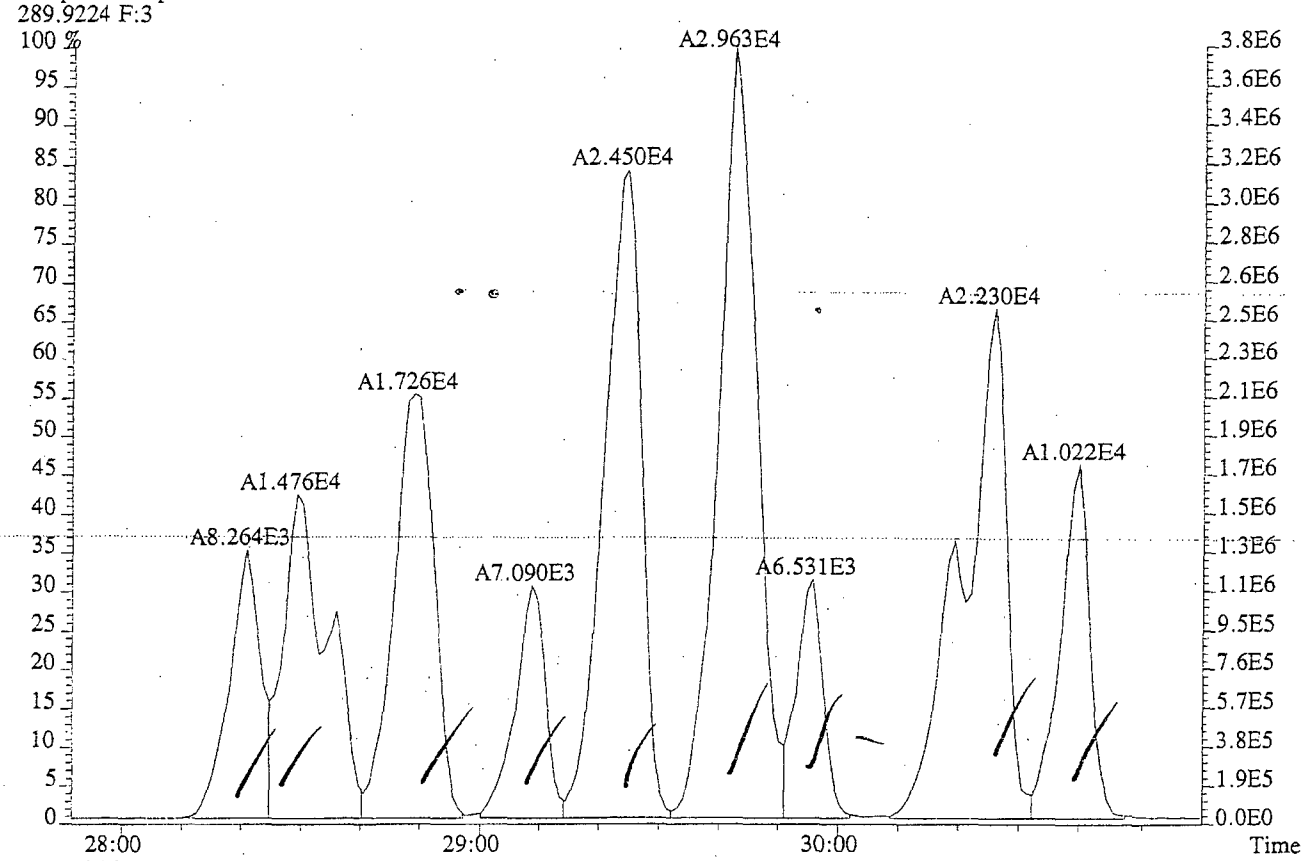


291.9194 F:3

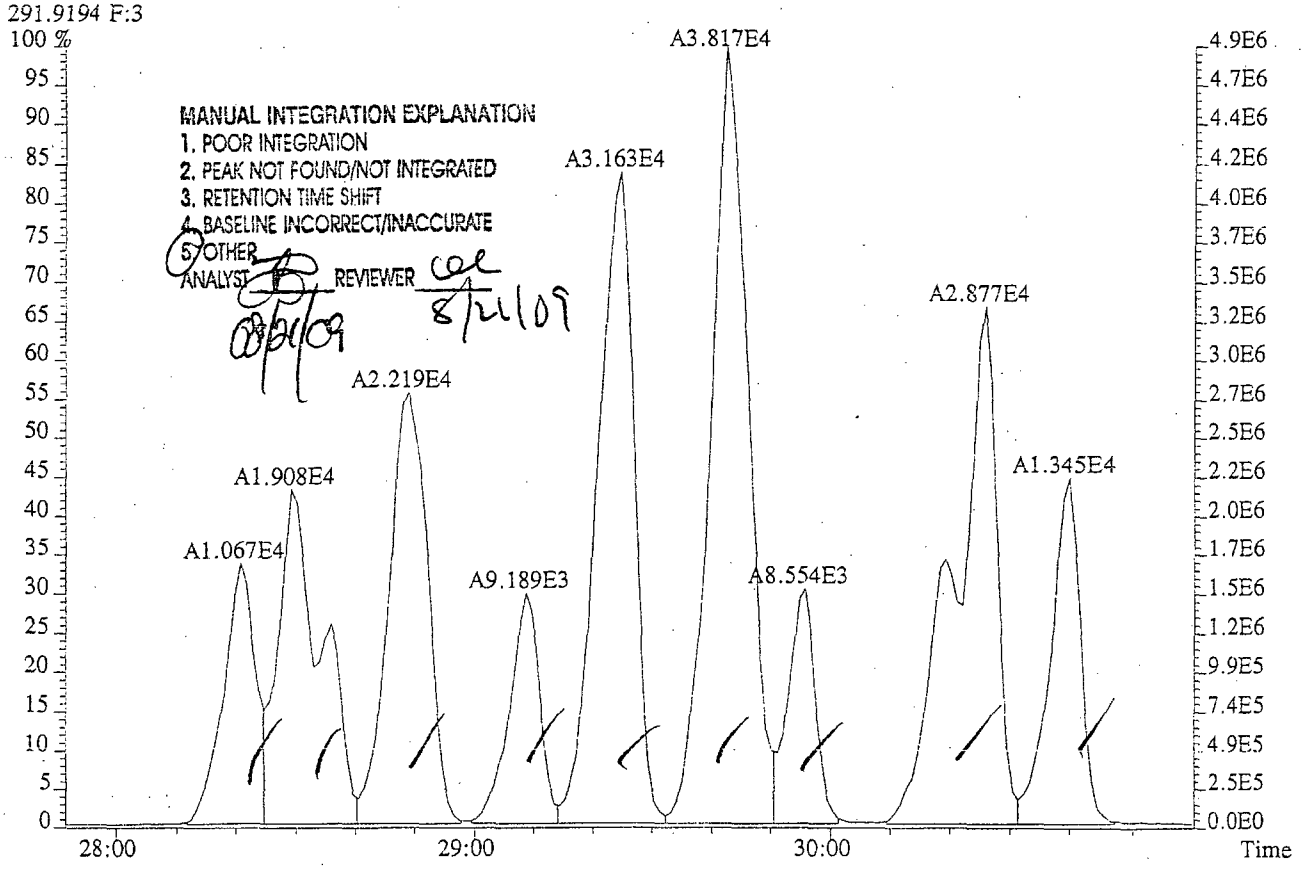


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST _____ REVIEWER _____
08/21/09 8/21/09

File:U220169 #1-603 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
289.9224 F:3

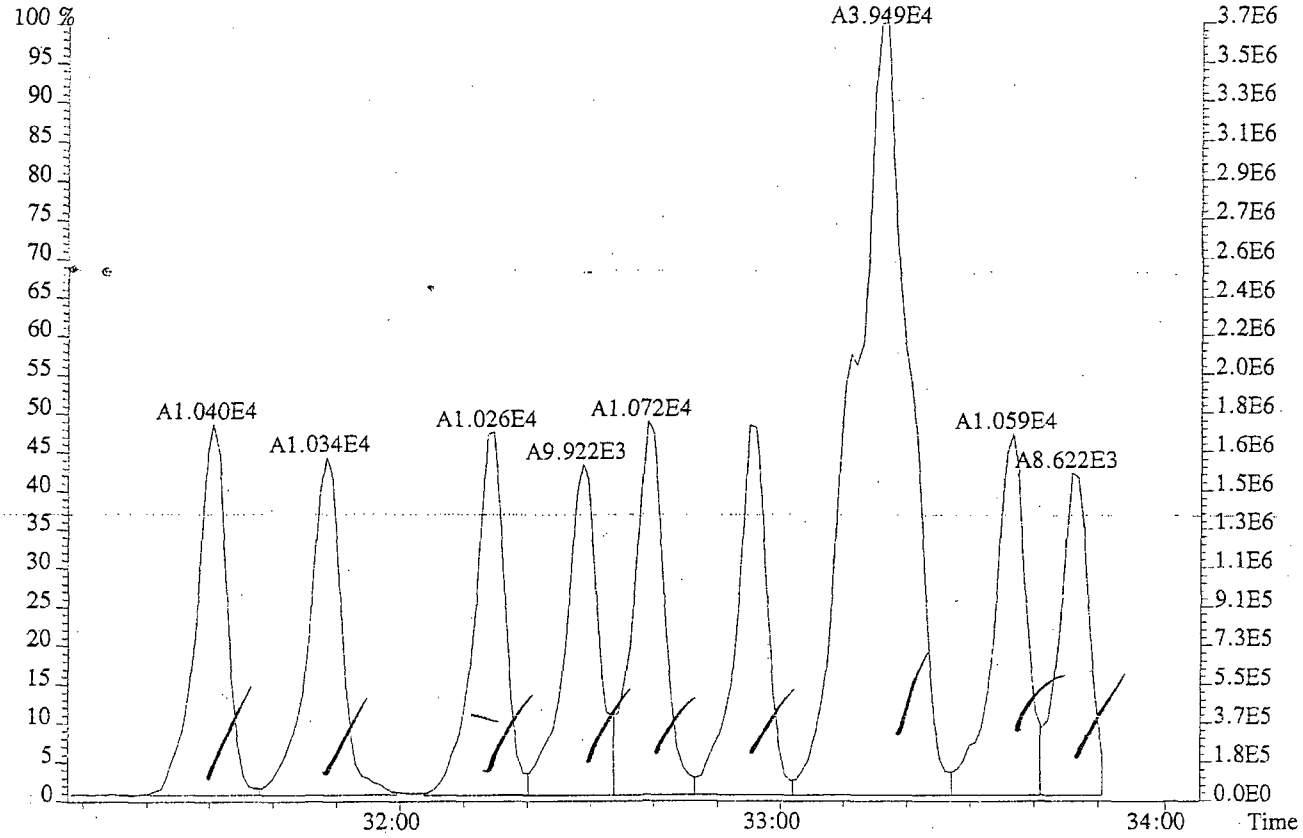


291.9194 F:3

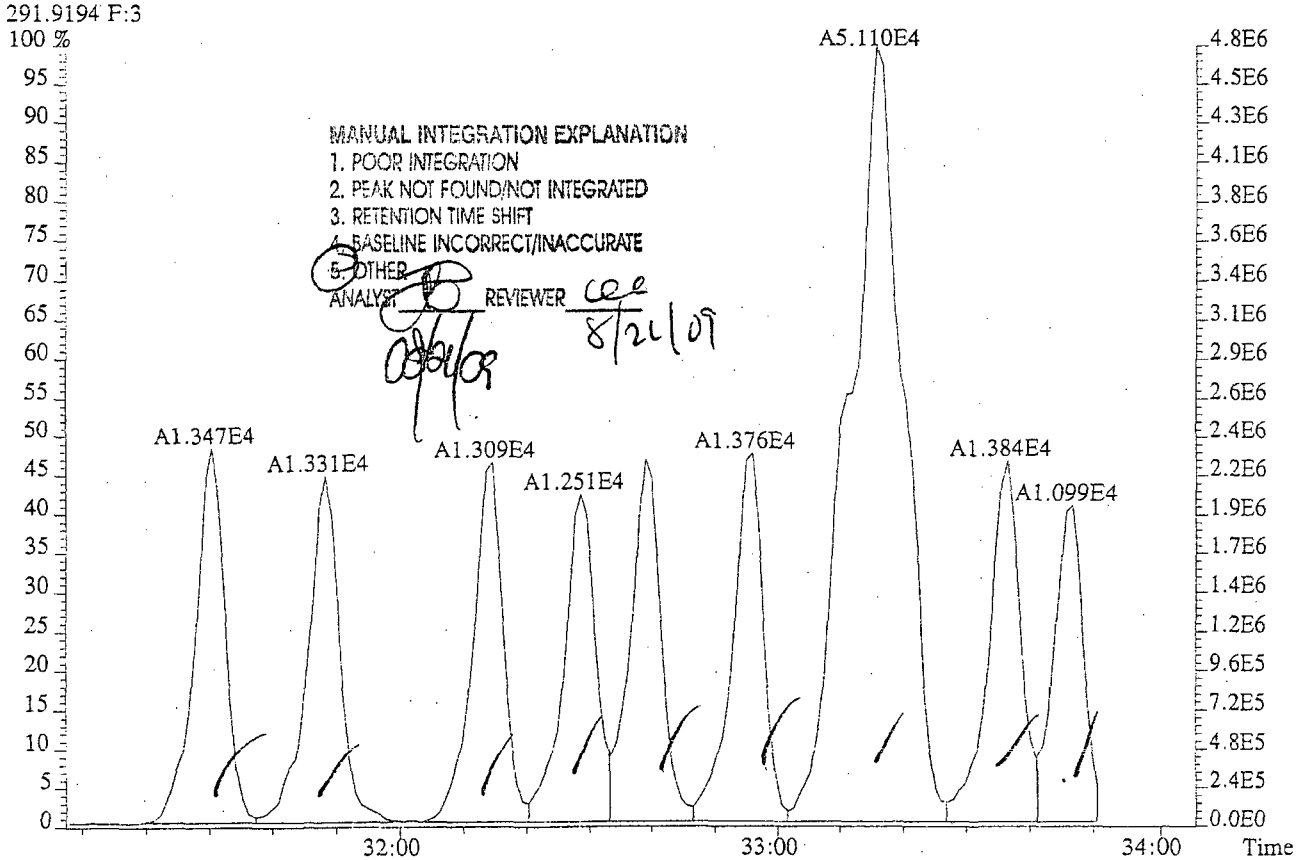


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST 8/21/09 REVIEWER 8/21/09

File:U220169 #1-603 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
289.9224 F:3

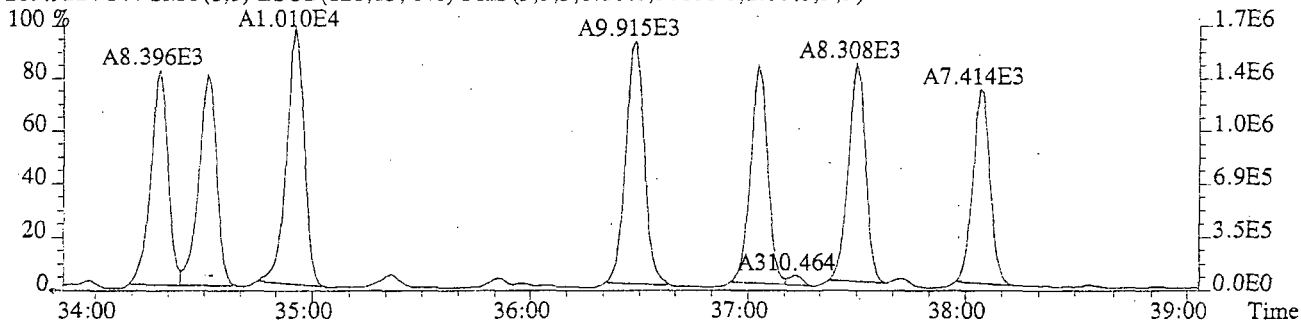


291.9194 F:3

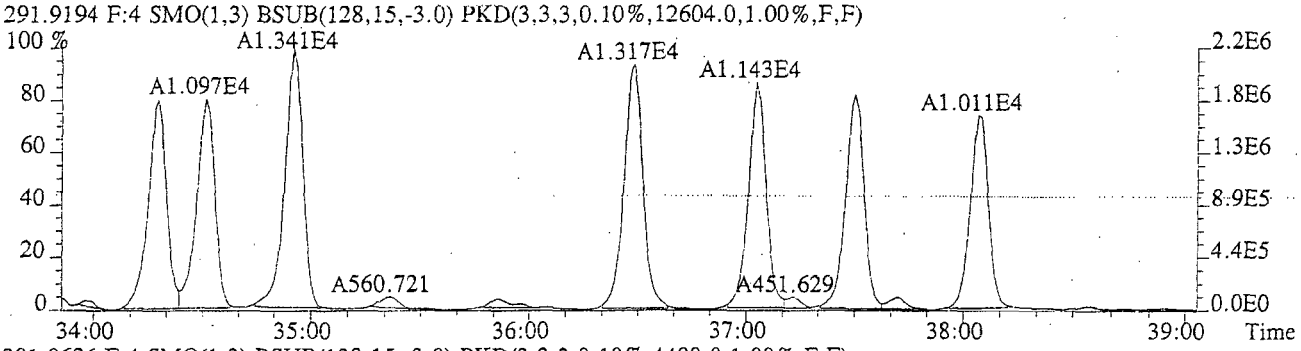


File:U220169 #1-333 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION

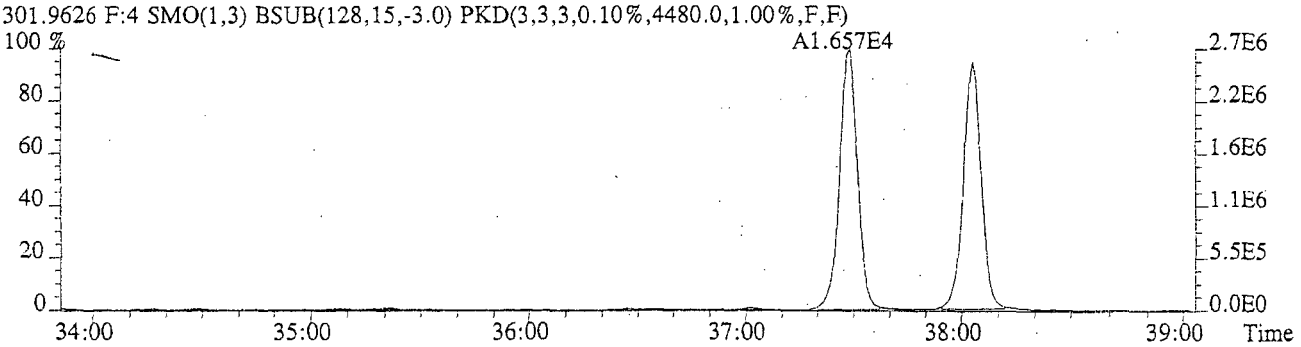
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,33608.0,1.00%,F,F)



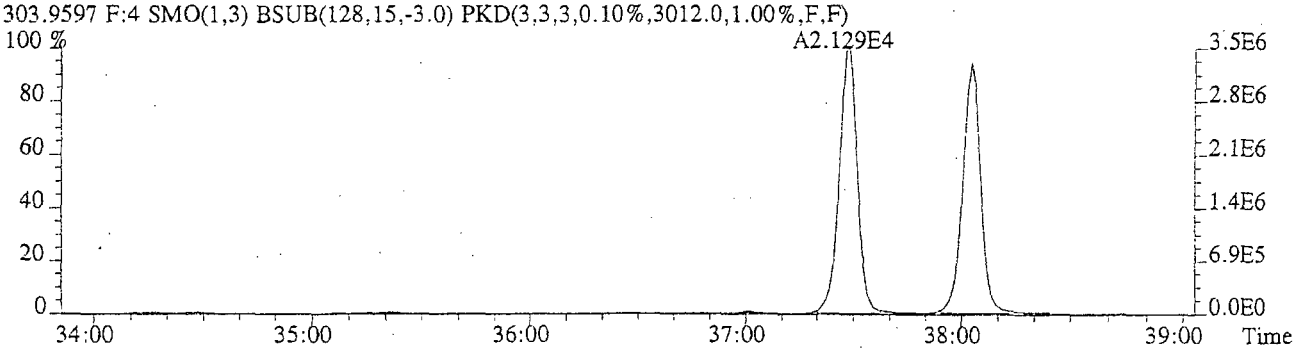
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,12604.0,1.00%,F,F)



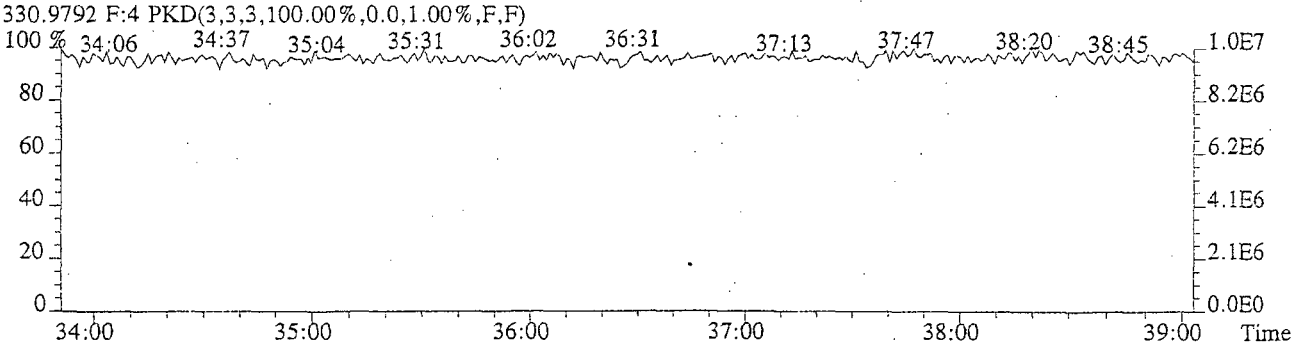
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4480.0,1.00%,F,F)



303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3012.0,1.00%,F,F)

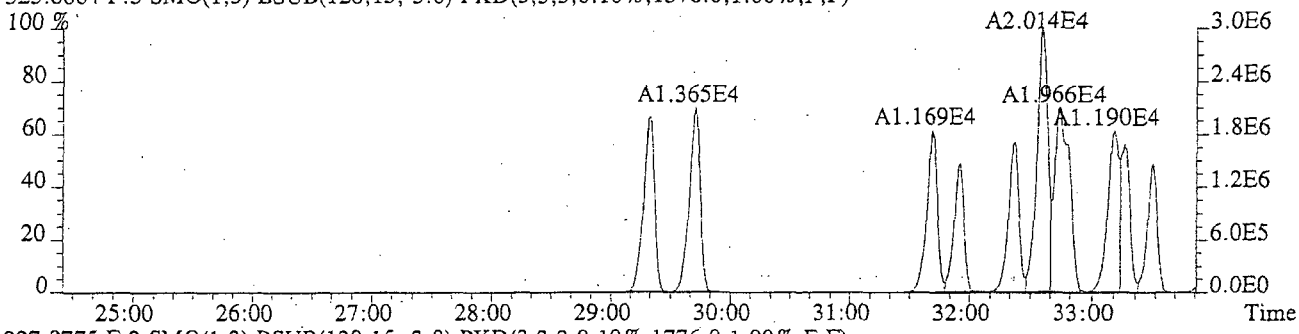


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

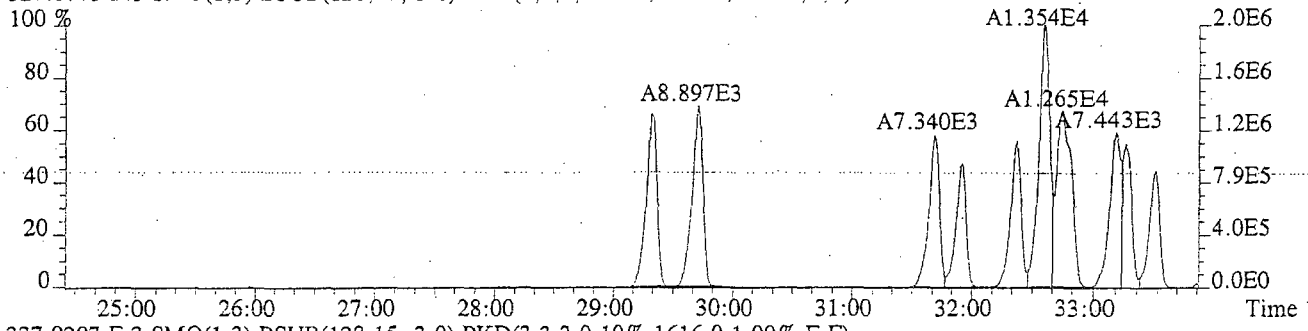


File:U220169 #1-603 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

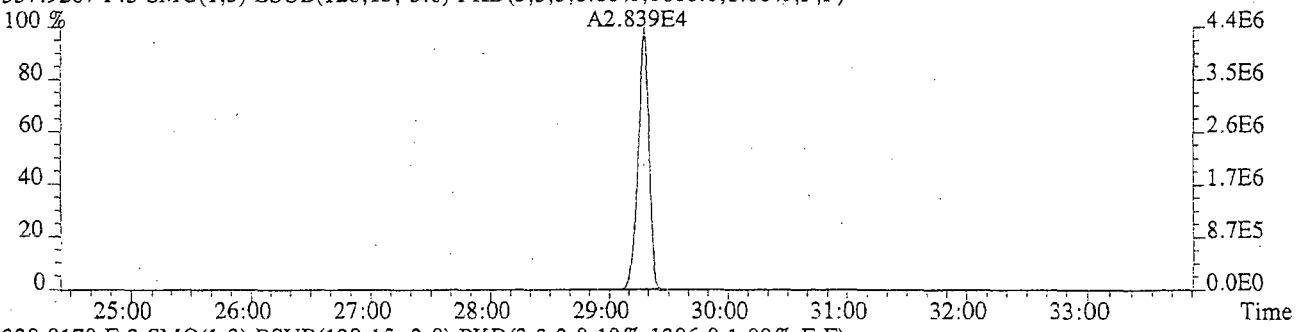
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1576.0,1.00%,F,F)



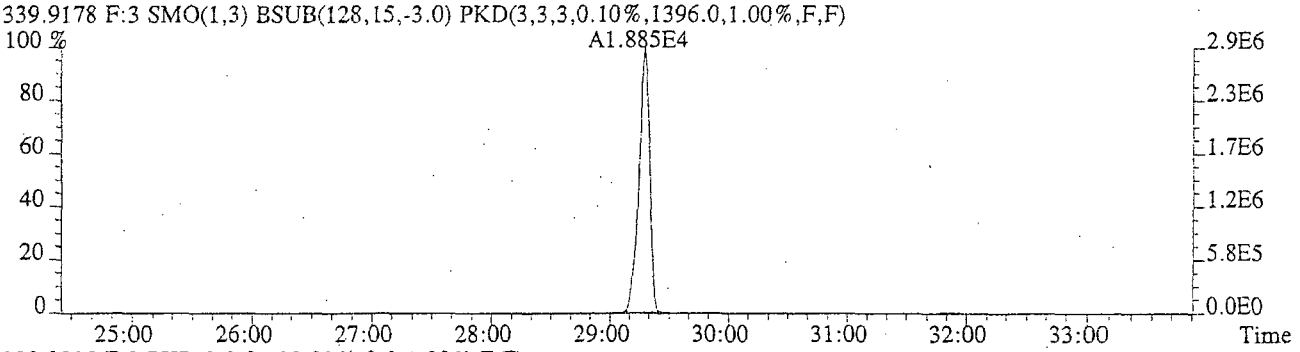
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1776.0,1.00%,F,F)



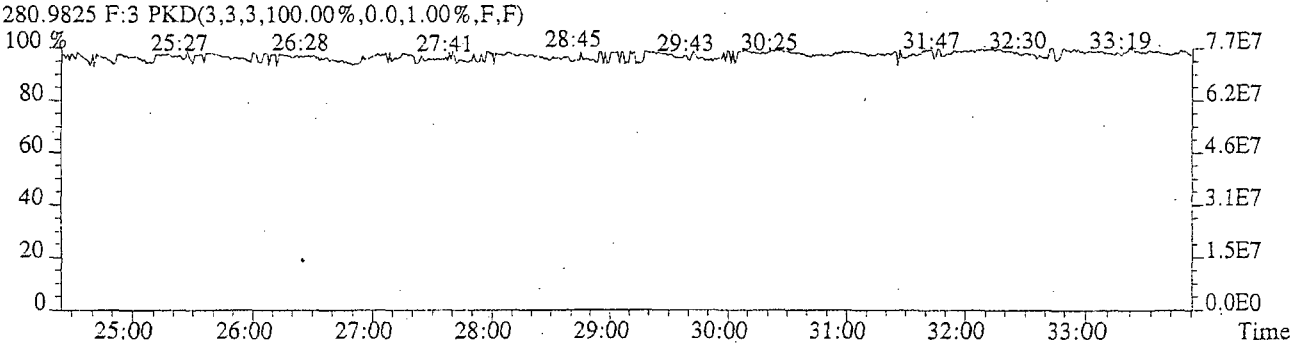
337.9207 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1616.0,1.00%,F,F)



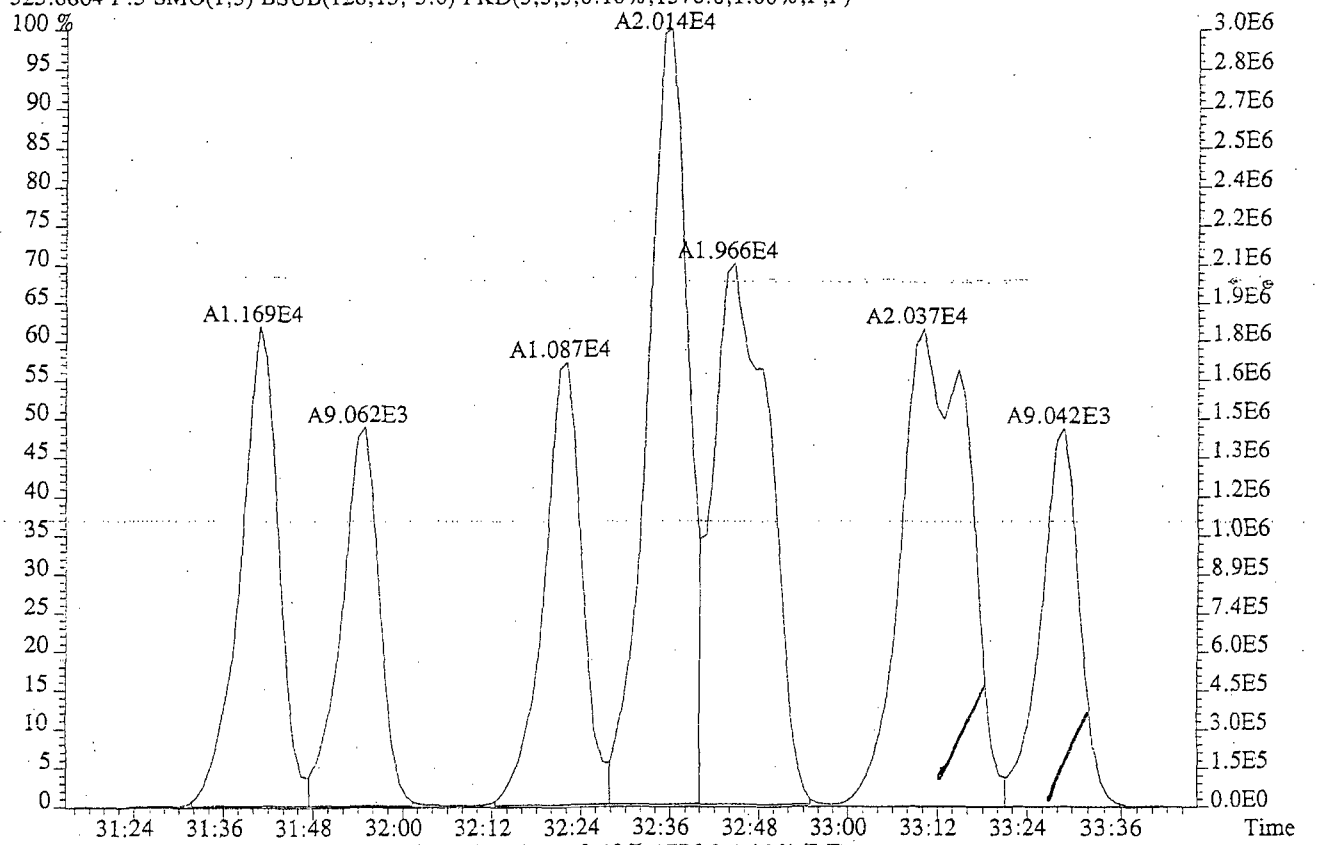
339.9178 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1396.0,1.00%,F,F)



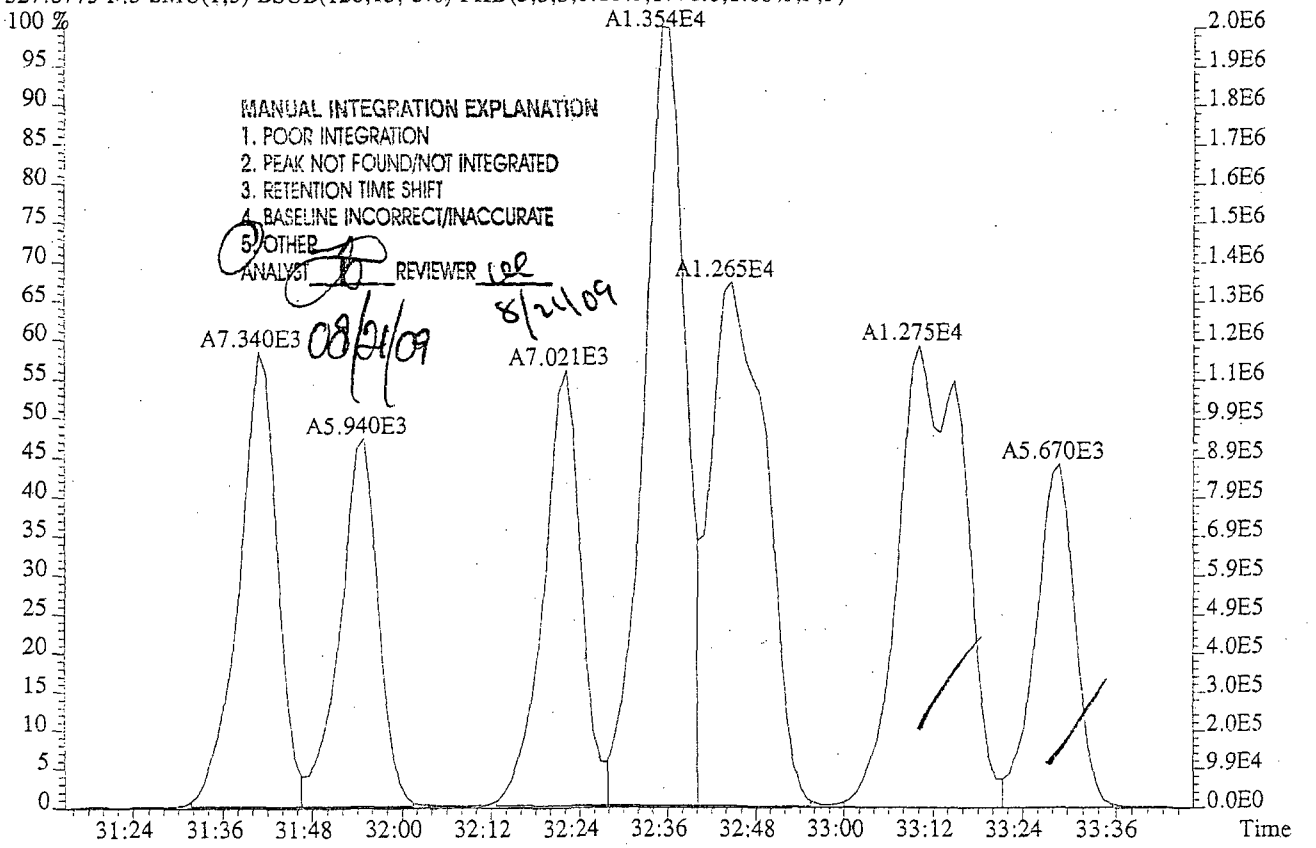
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220169 #1-603 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1576.0,1.00%,F,F)

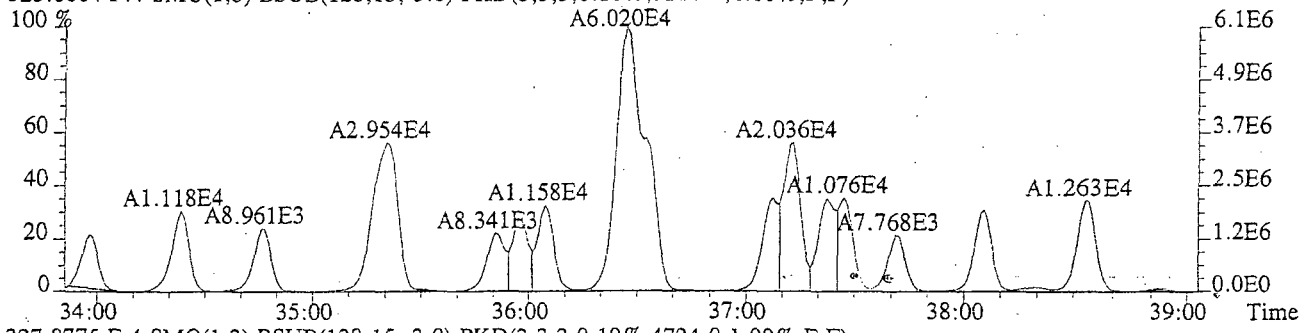


327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1776.0,1.00%,F,F)

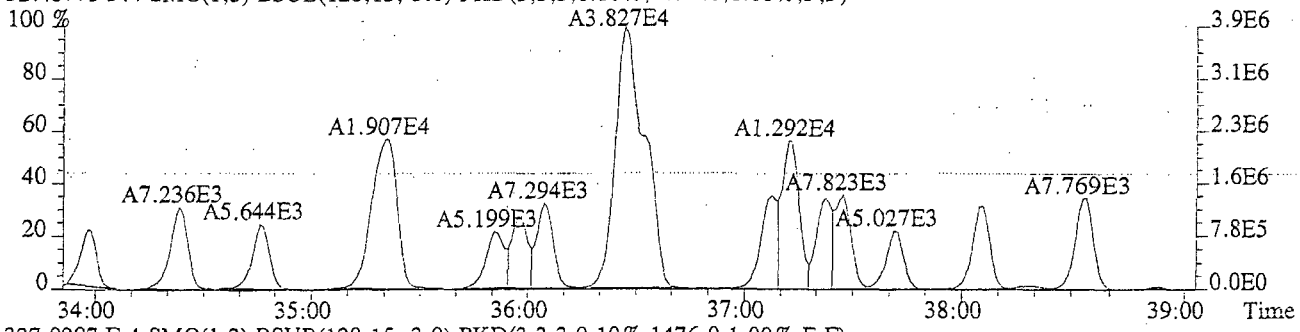


File:U220169 #1-333 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

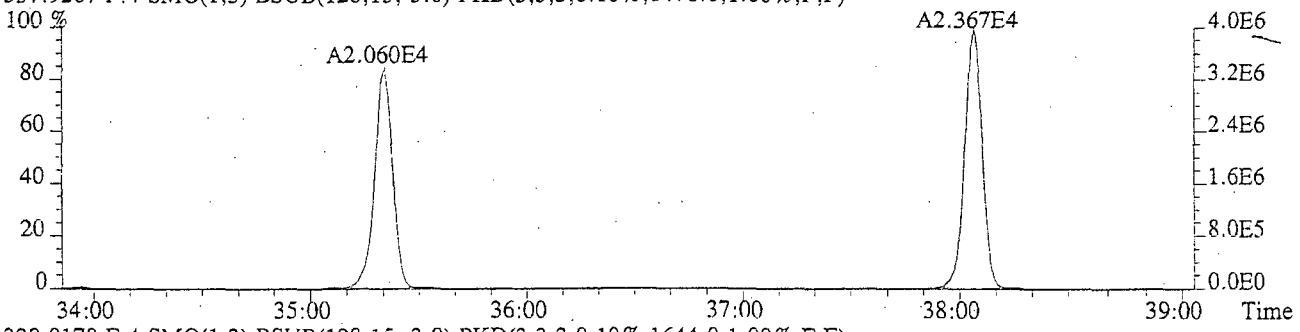
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3212.0,1.00%,F,F)



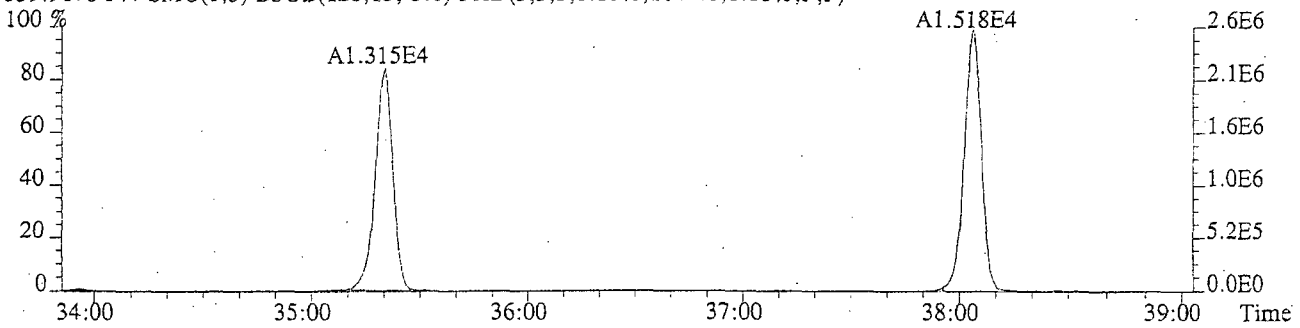
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4724.0,1.00%,F,F)



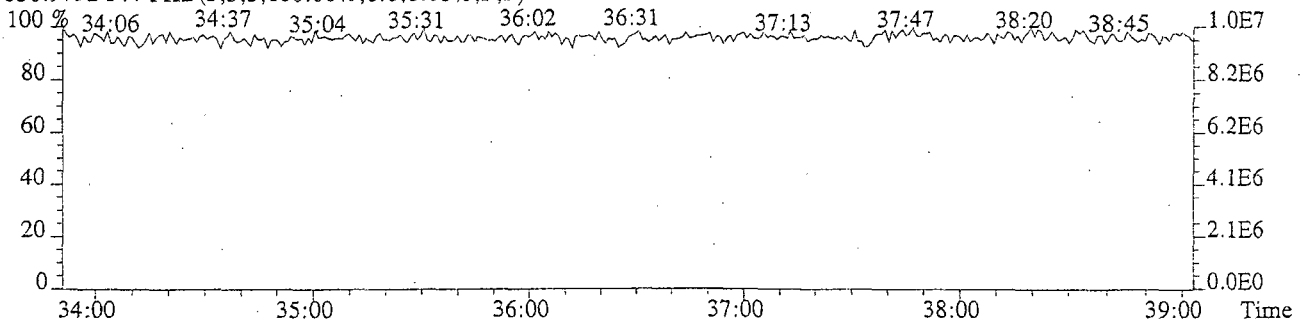
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1476.0,1.00%,F,F)



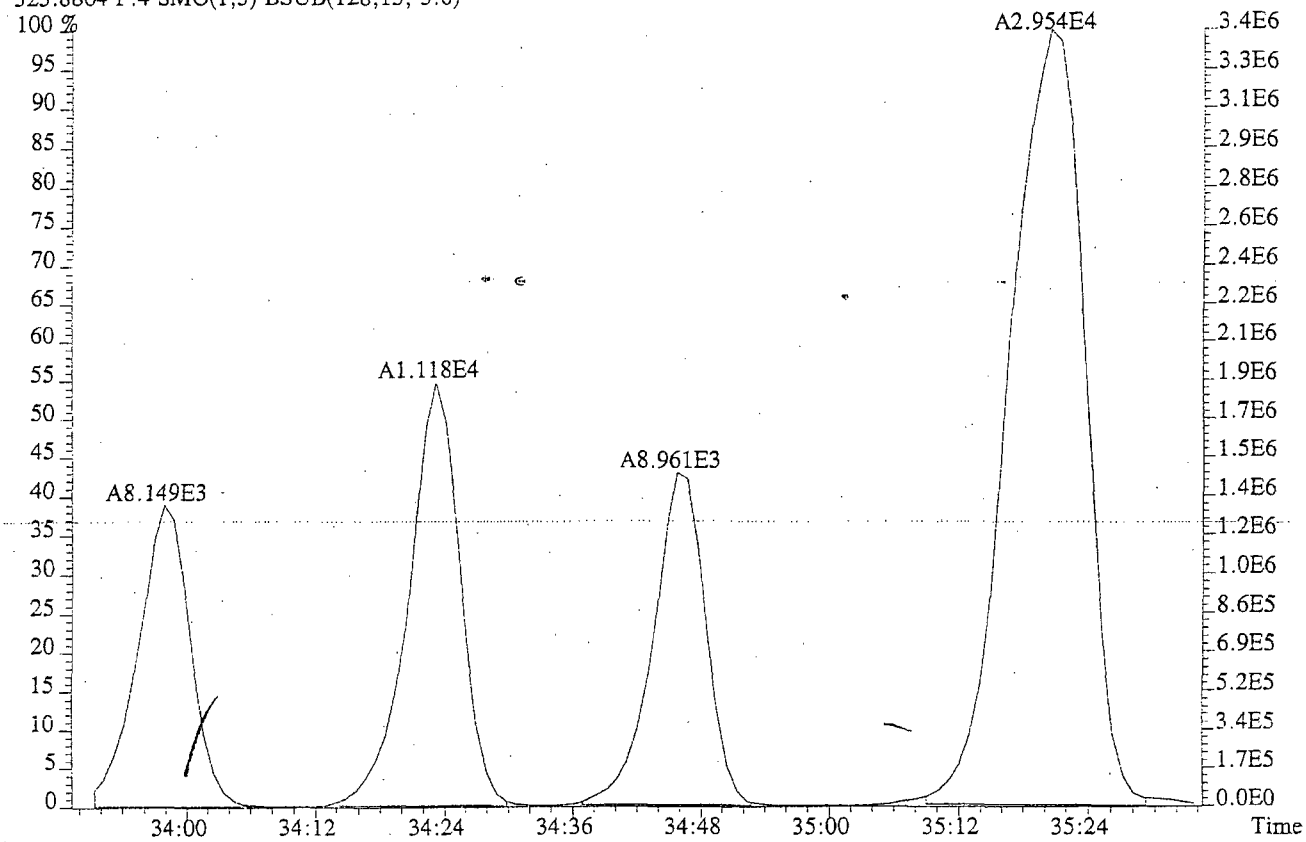
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1644.0,1.00%,F,F)



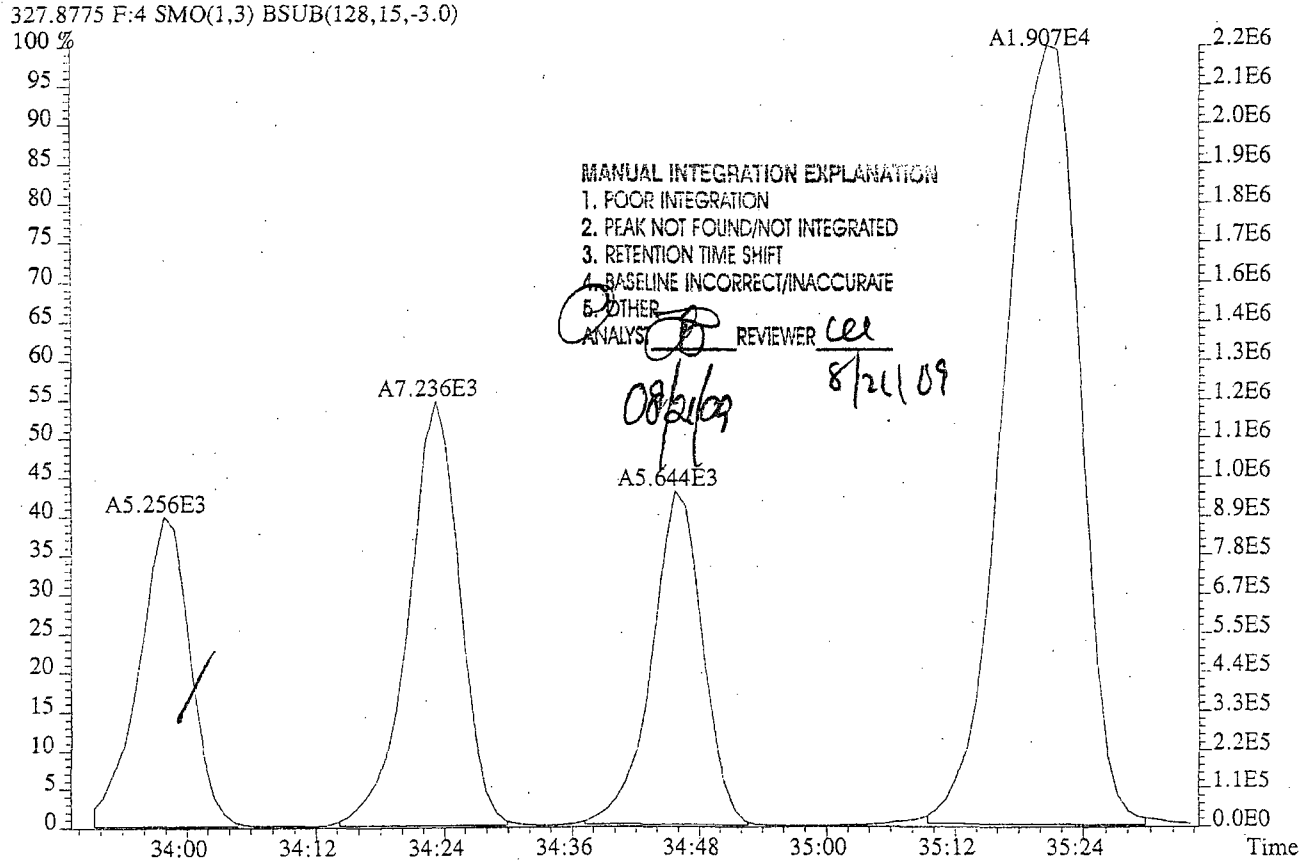
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U220169 #1-333 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0)

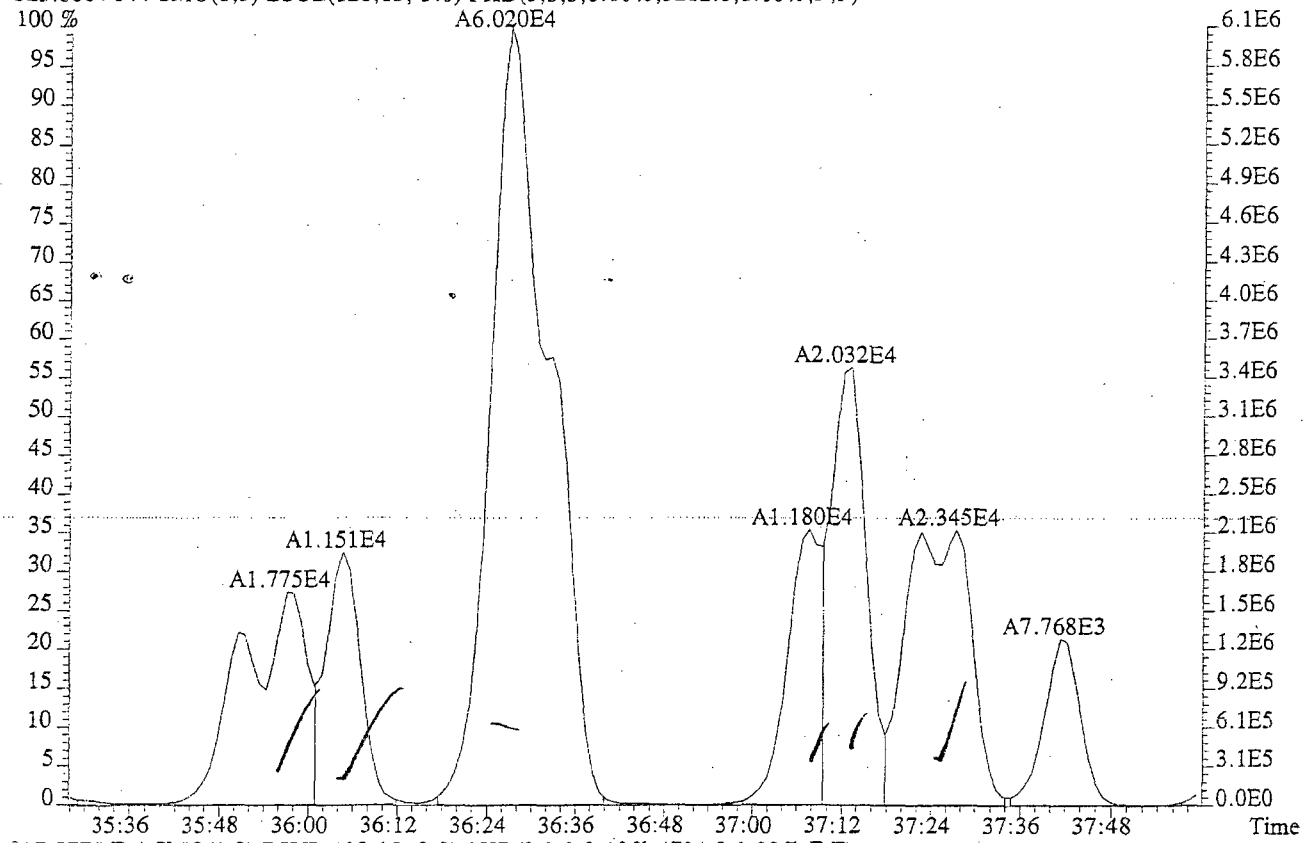


327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0)

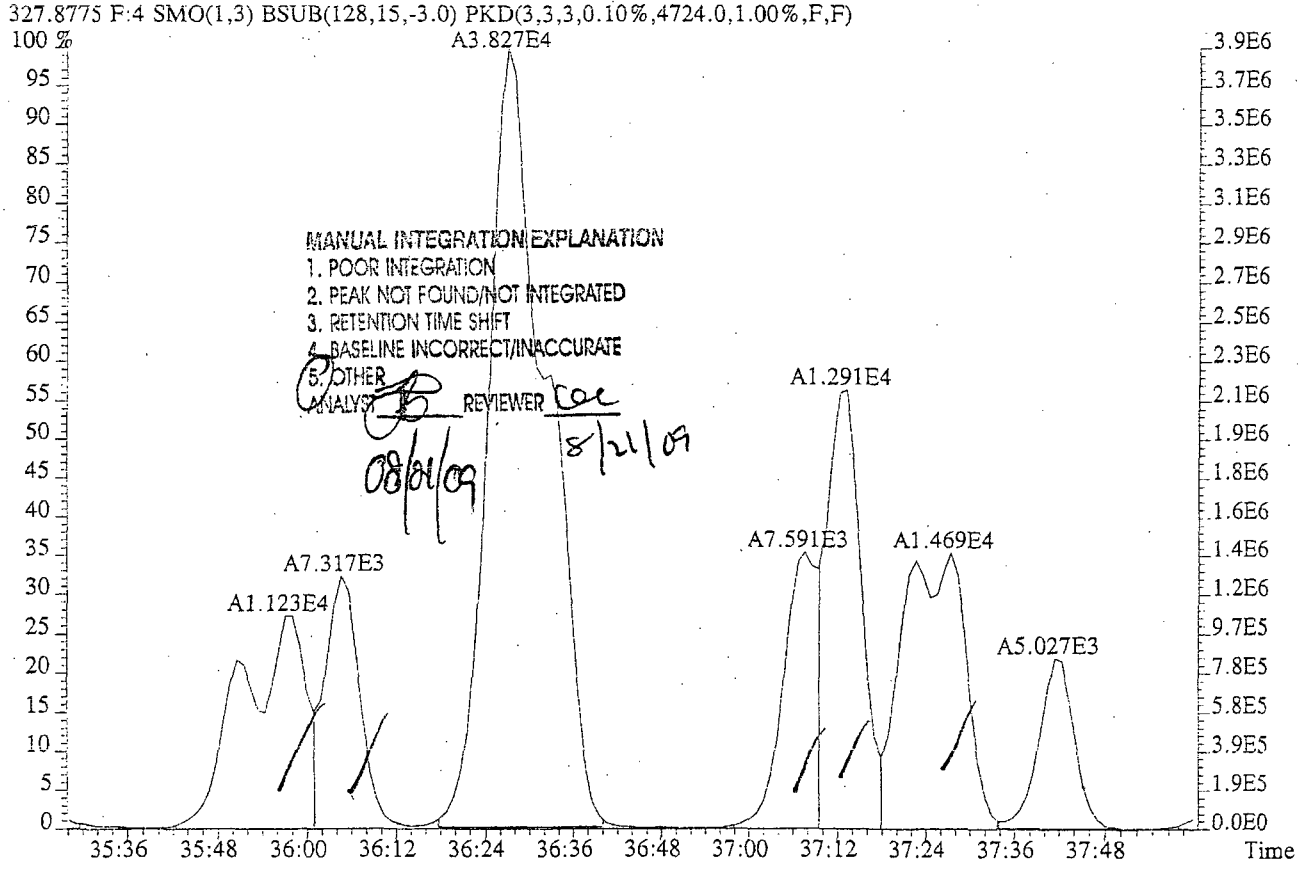


MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST REVIEWER cer
08/21/09 8/21/09

File:U220169 #1-333 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3212.0,1.00%,F,F)



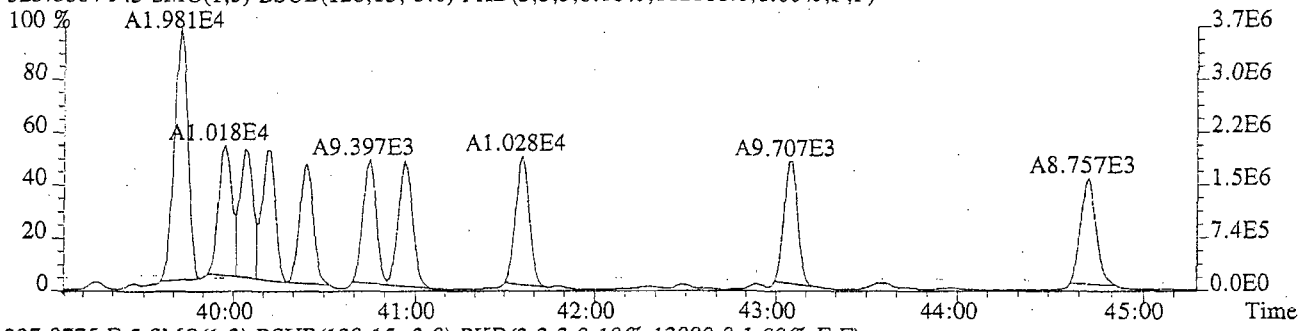
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4724.0,1.00%,F,F)



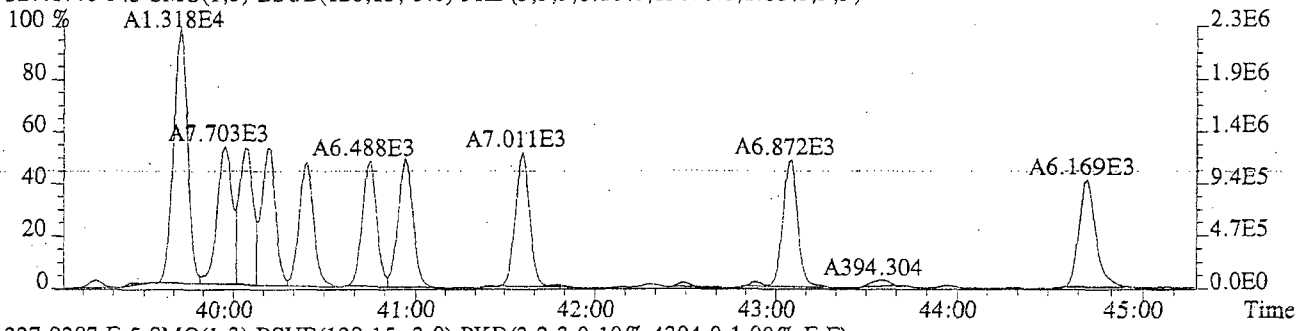
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST _____ REVIEWER _____
08/21/09 8/21/09

File:U220169 #1-399 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

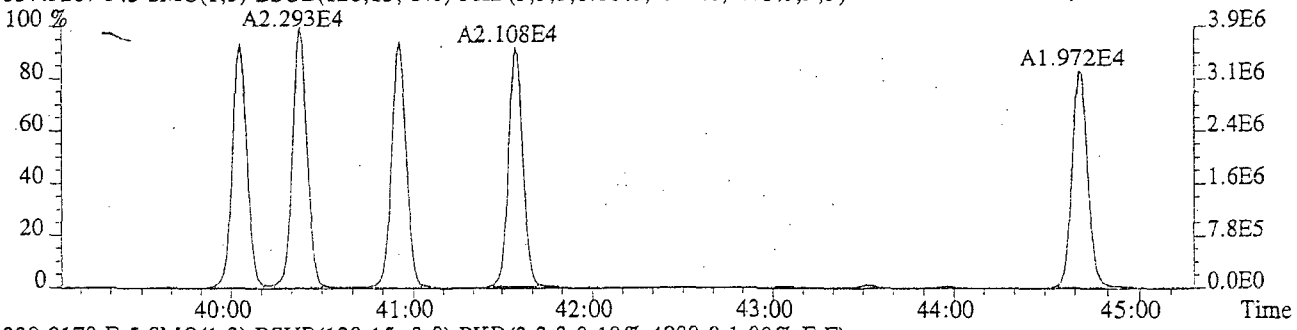
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,112108.0,1.00%,F,F)



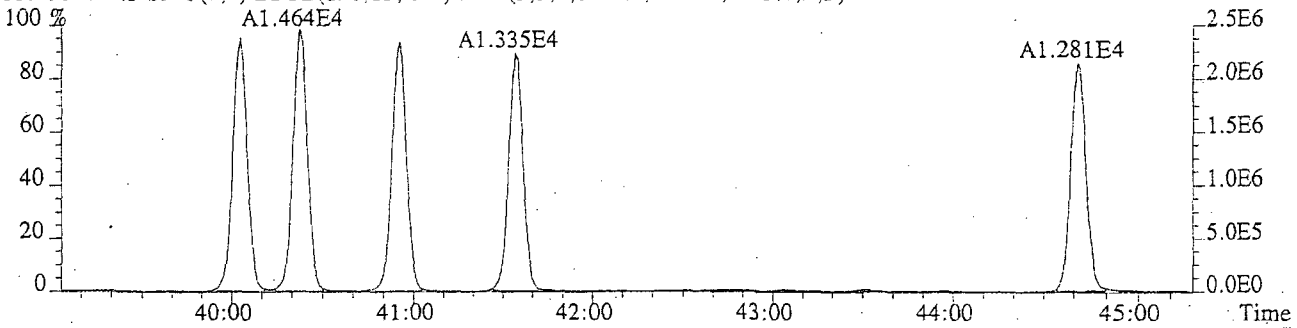
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,13000.0,1.00%,F,F)



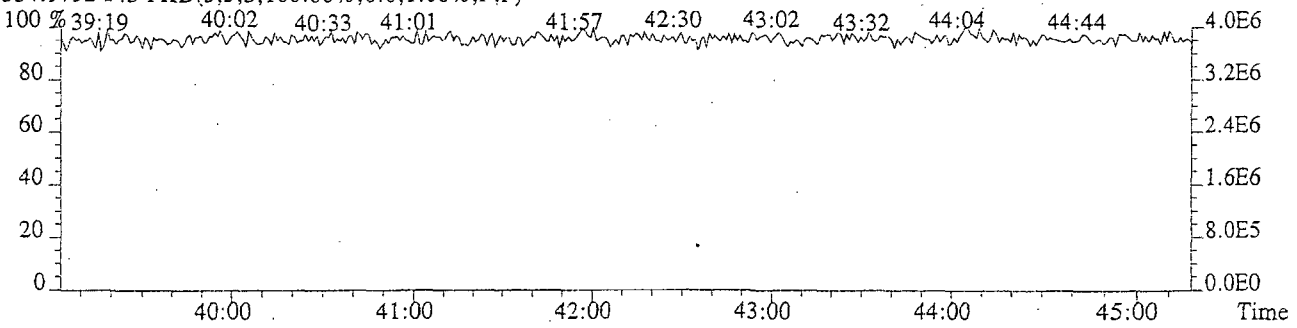
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4304.0,1.00%,F,F)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4980.0,1.00%,F,F)

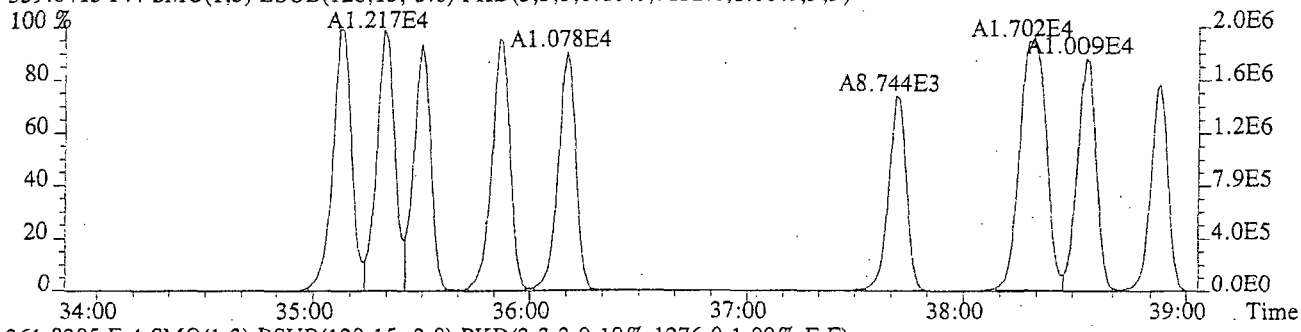


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

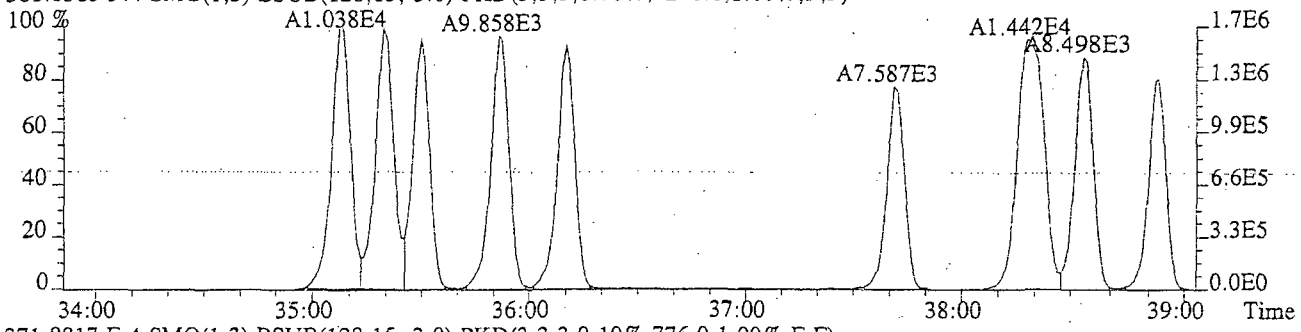


File:U220169 #1-333 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

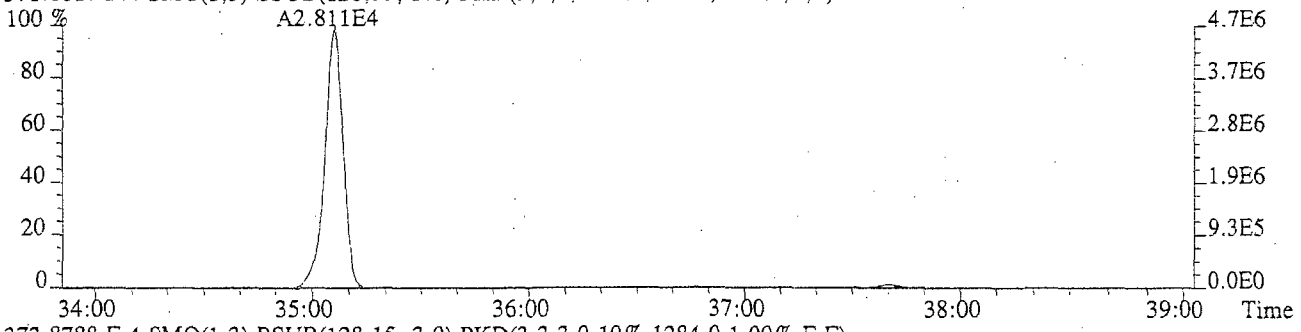
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1132.0,1.00%,F,F)



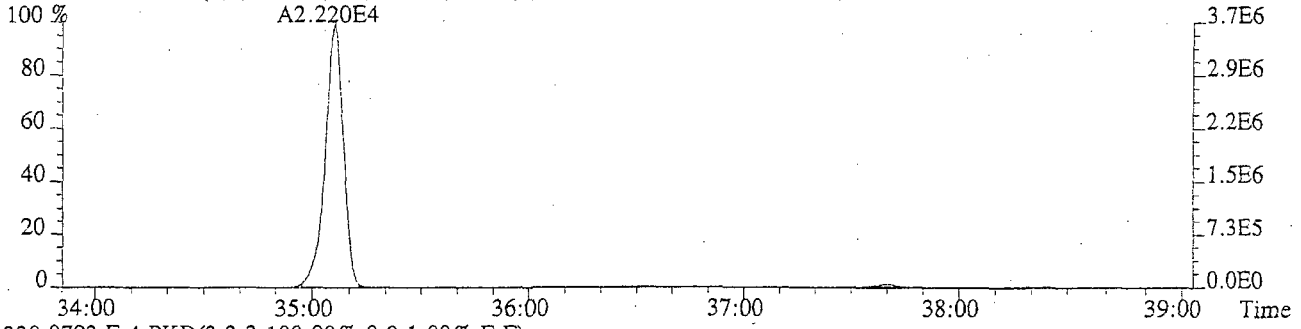
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1276.0,1.00%,F,F)



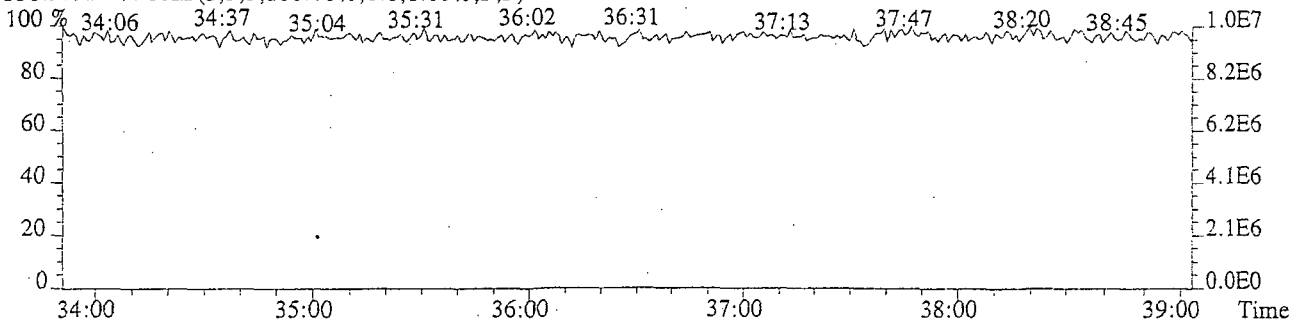
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,776.0,1.00%,F,F)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1284.0,1.00%,F,F)

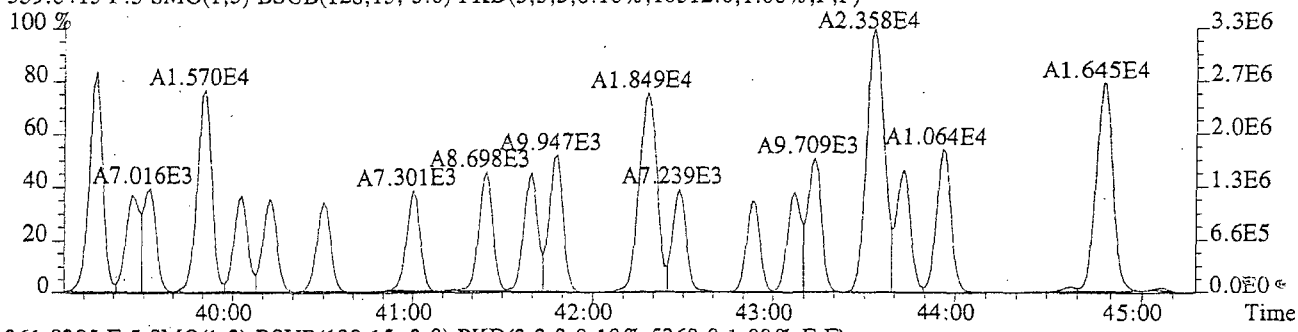


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

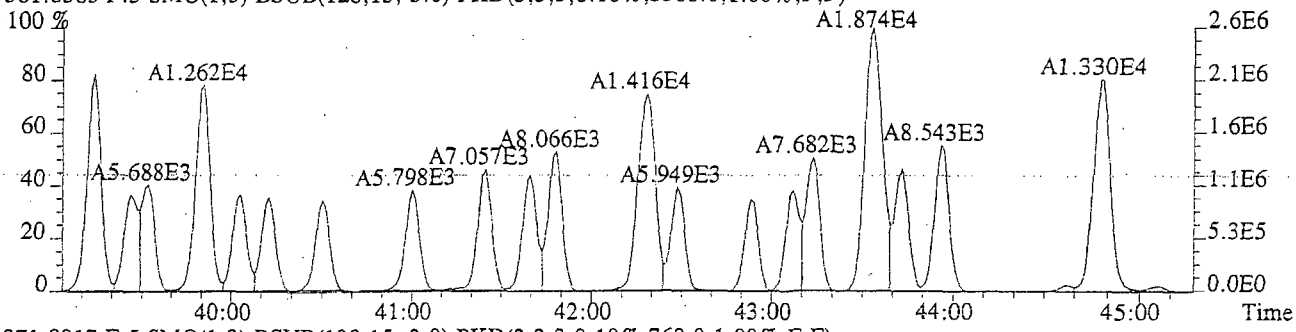


File:U220169 #1-399 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

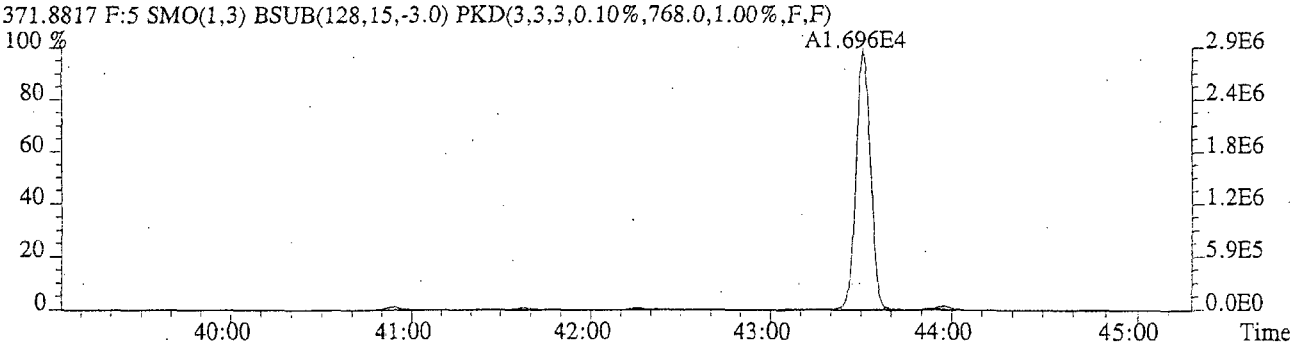
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,10512.0,1.00%,F,F)



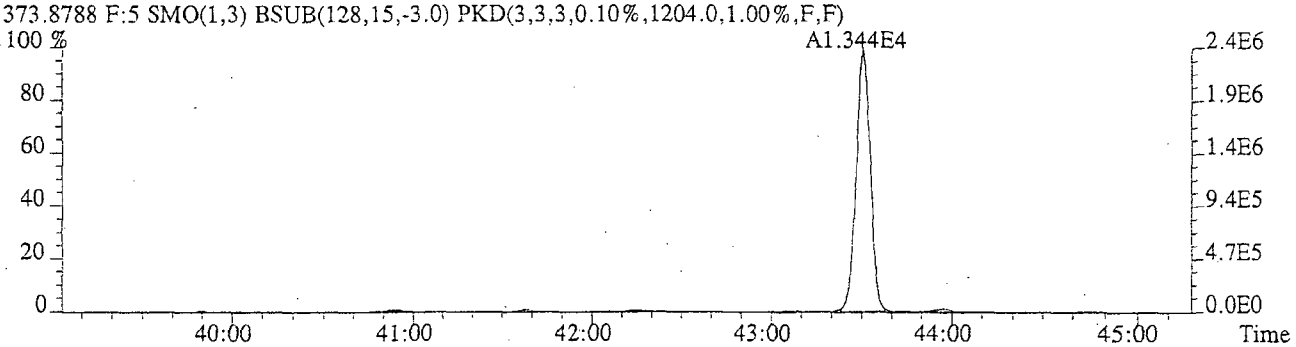
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5368.0,1.00%,F,F)



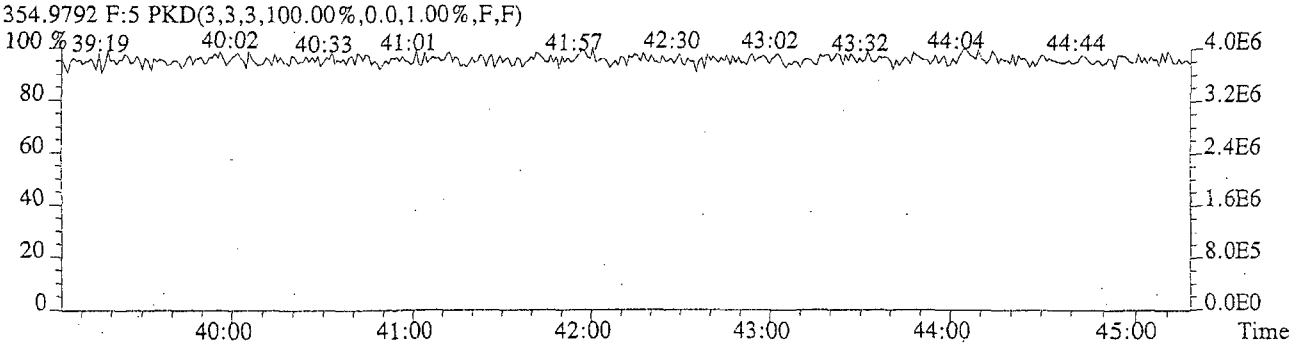
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,768.0,1.00%,F,F)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1204.0,1.00%,F,F)

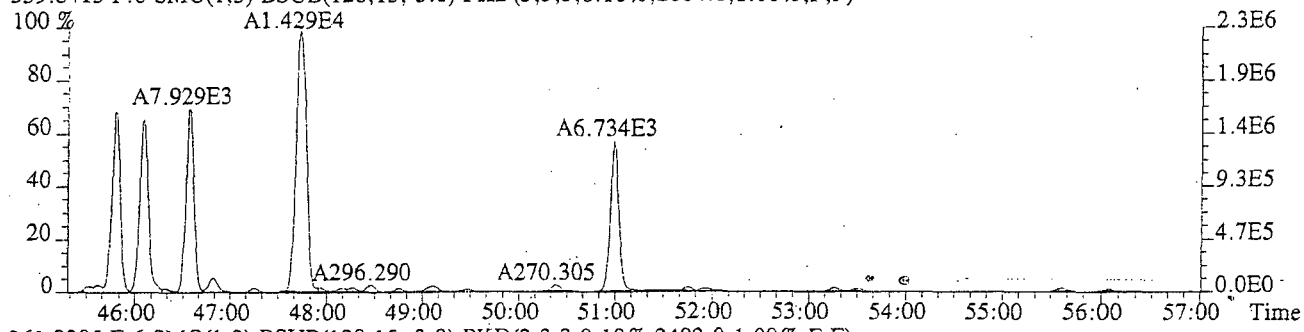


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

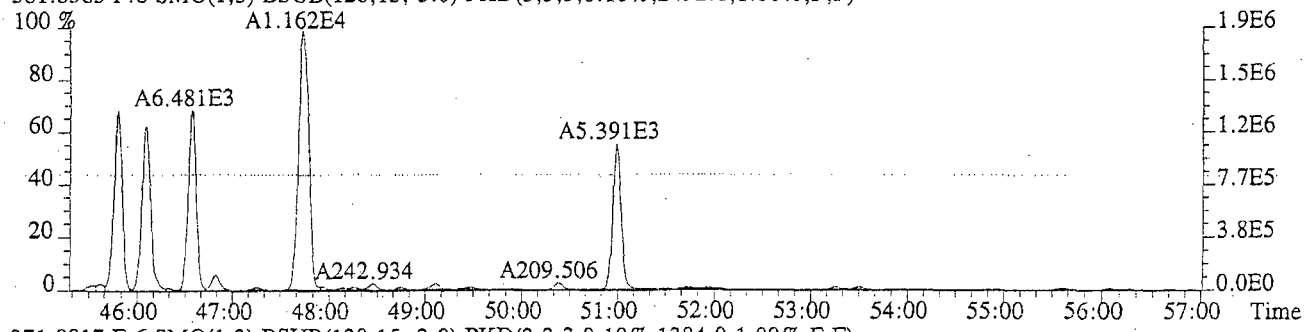


File:U220169 #1-580 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

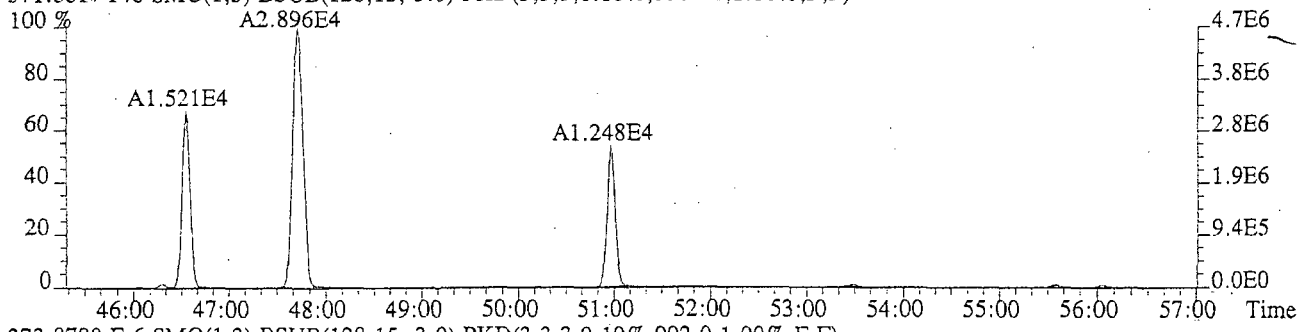
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2604.0,1.00%,F,F)



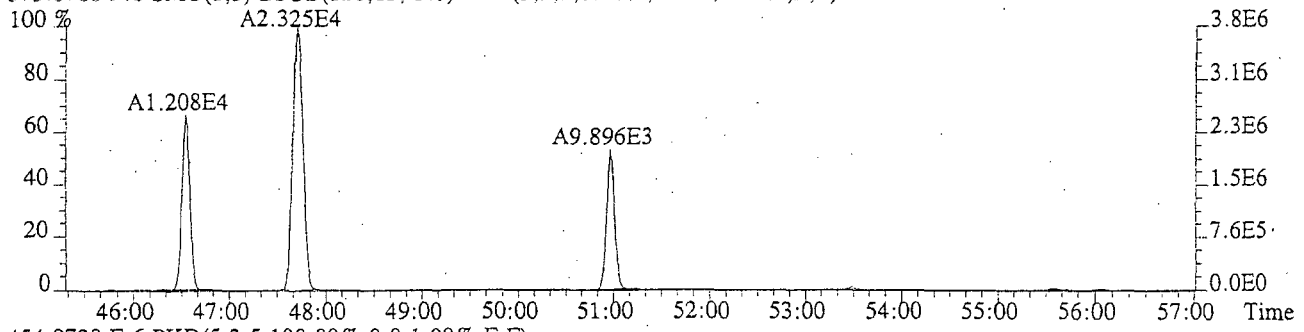
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2492.0,1.00%,F,F)



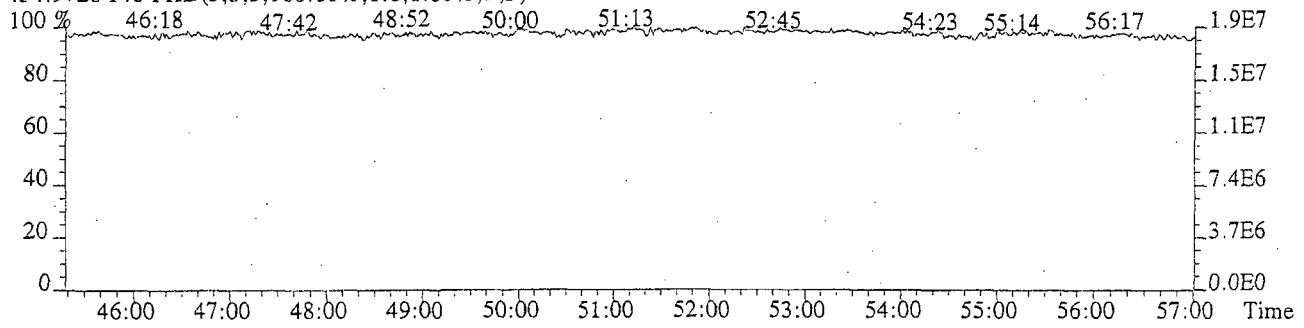
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1384.0,1.00%,F,F)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,992.0,1.00%,F,F)

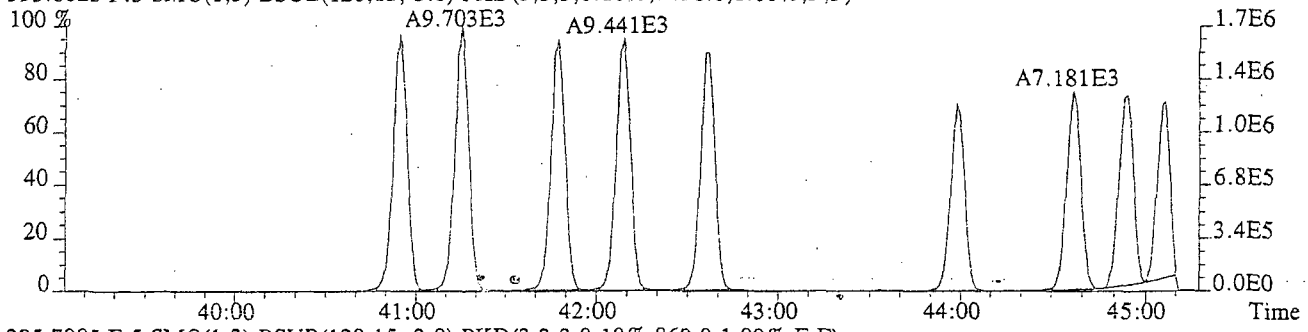


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

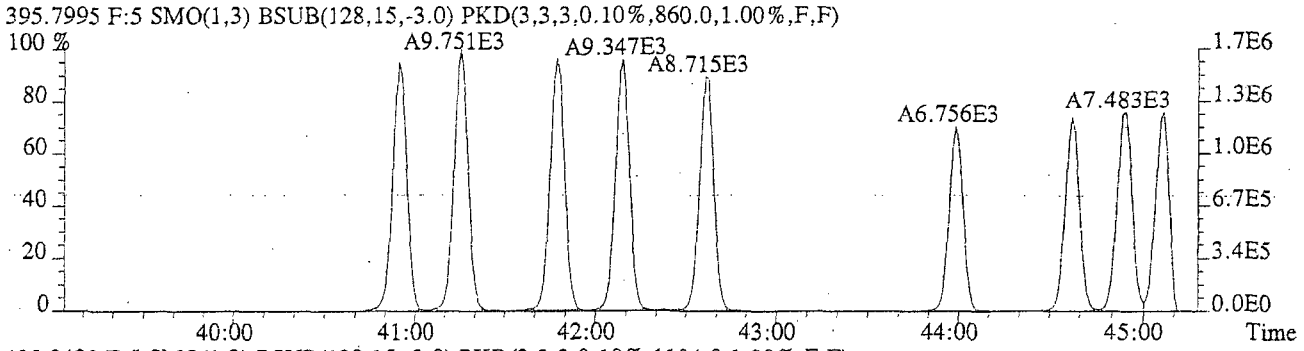


File:U220169 #1-399 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

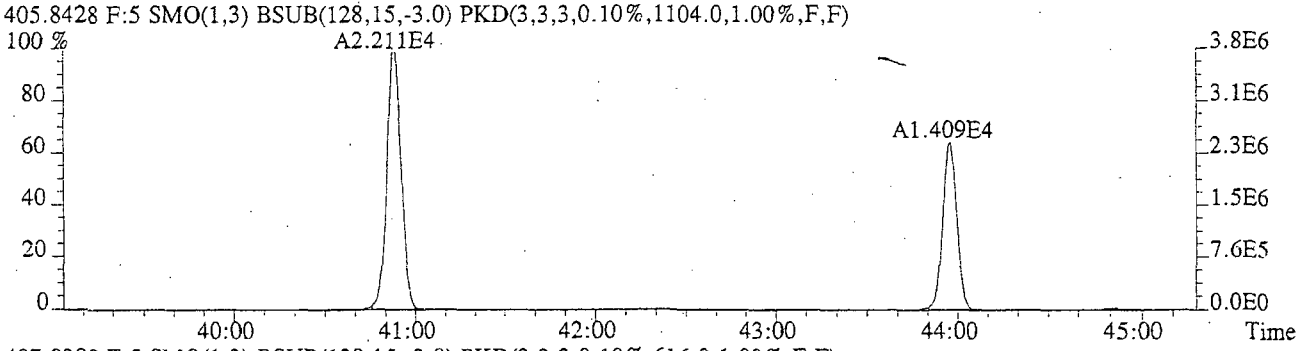
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1496.0,1.00%,F,F)



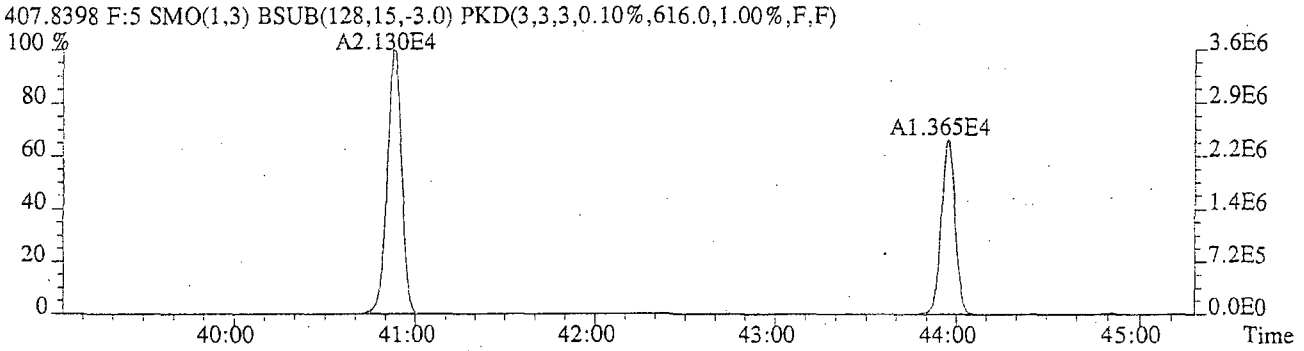
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,860.0,1.00%,F,F)



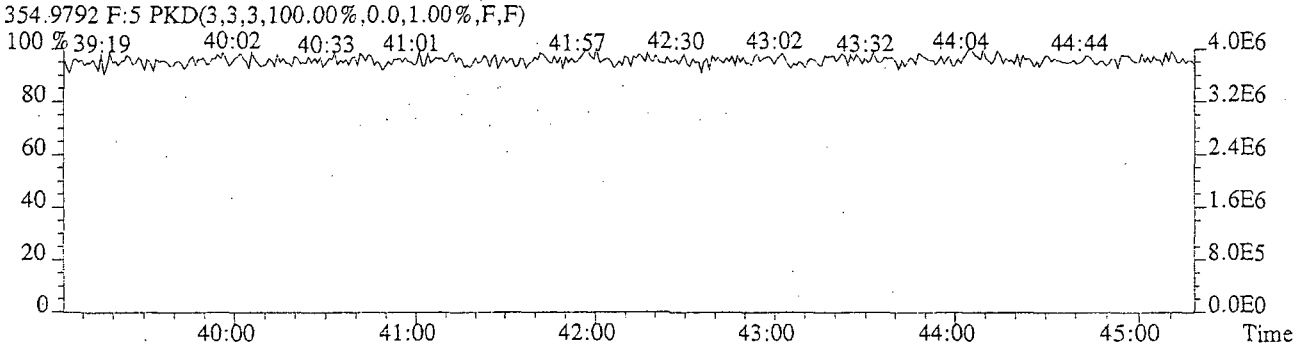
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1104.0,1.00%,F,F)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,616.0,1.00%,F,F)

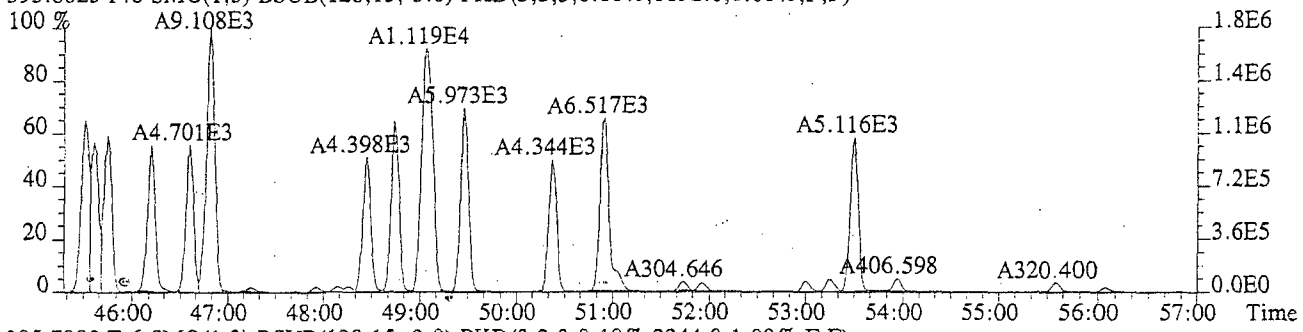


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

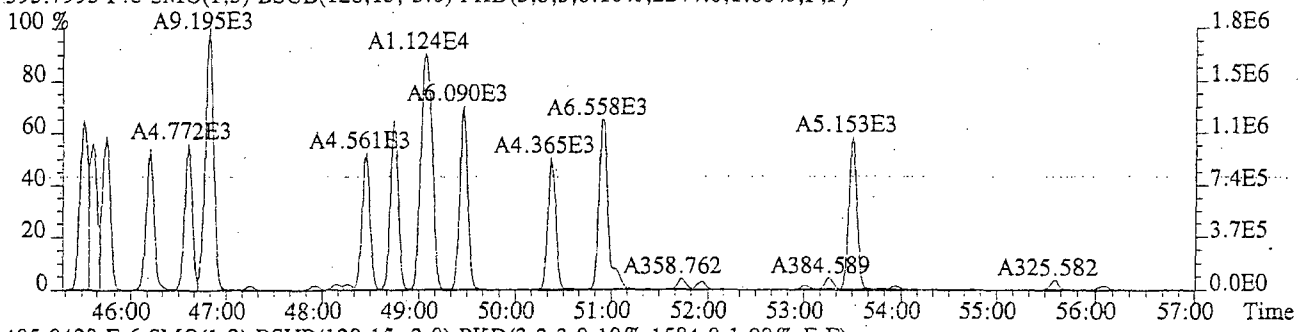


File:U220169 #1-580 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

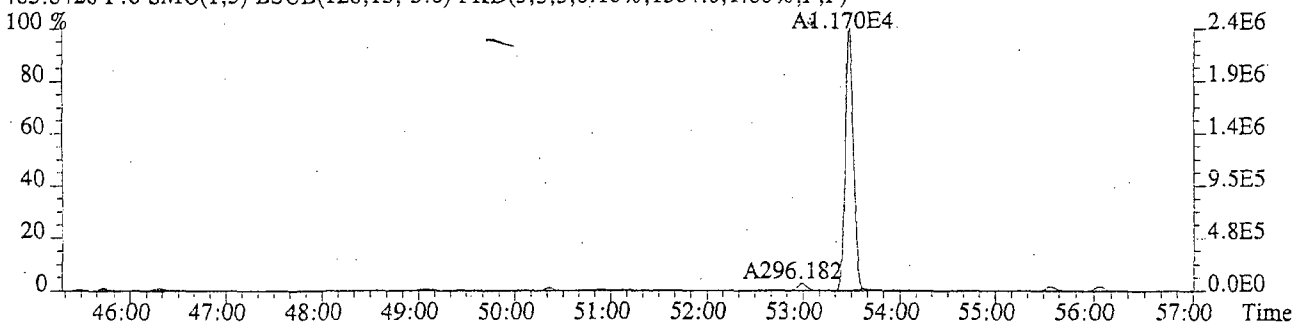
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1892.0,1.00%,F,F)



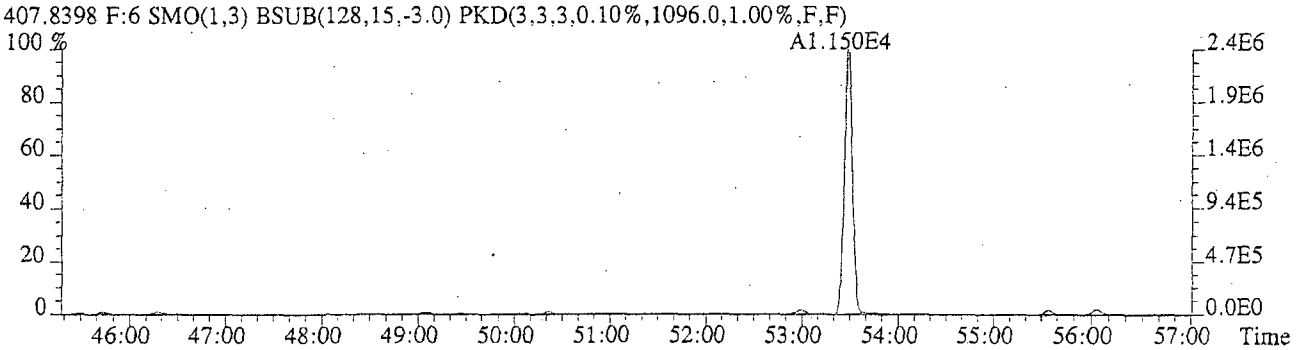
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2244.0,1.00%,F,F)



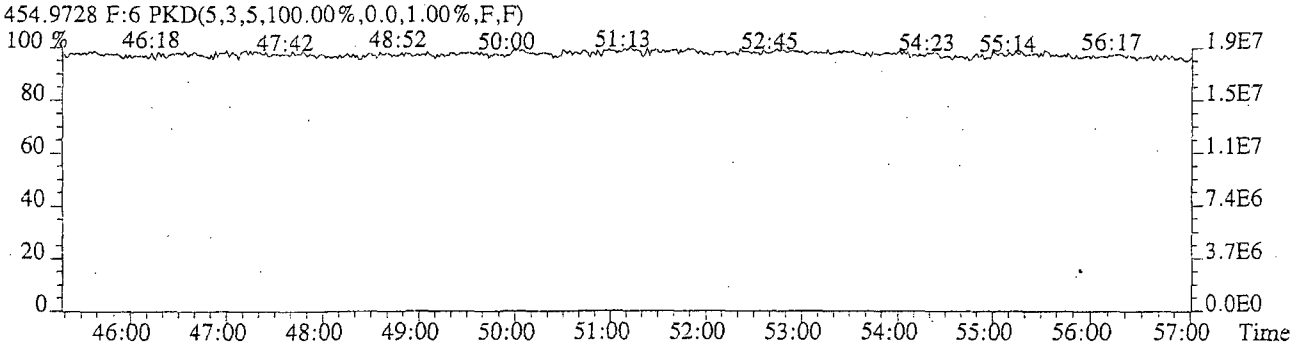
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1584.0,1.00%,F,F)



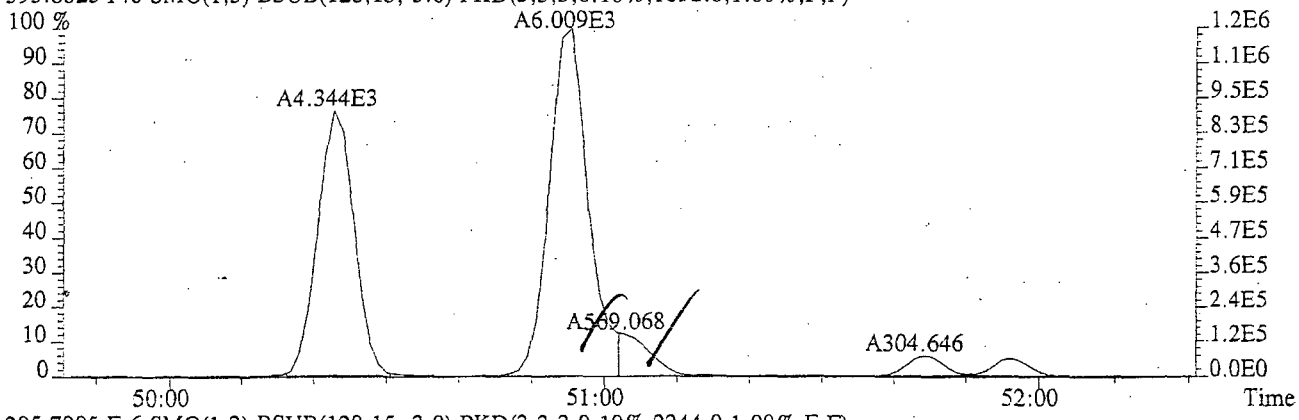
407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1096.0,1.00%,F,F)



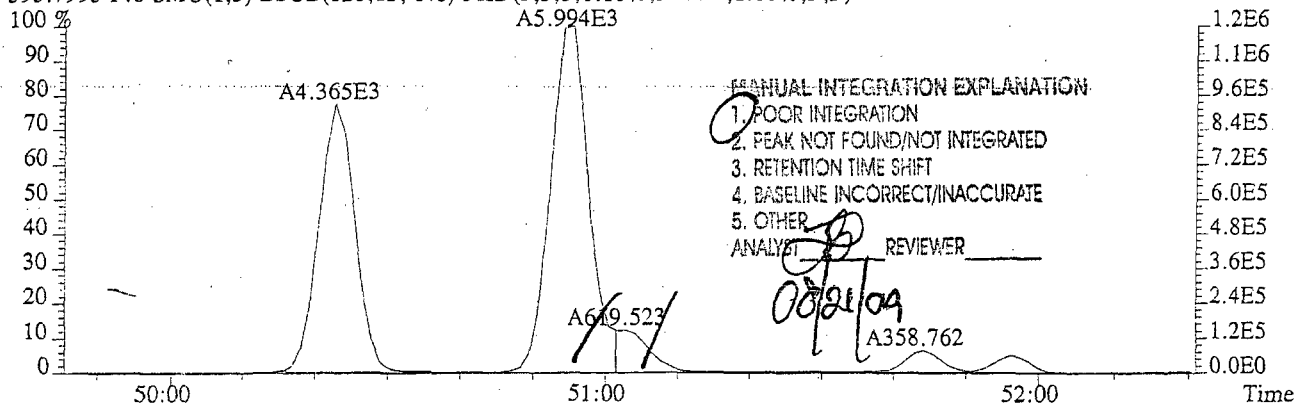
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



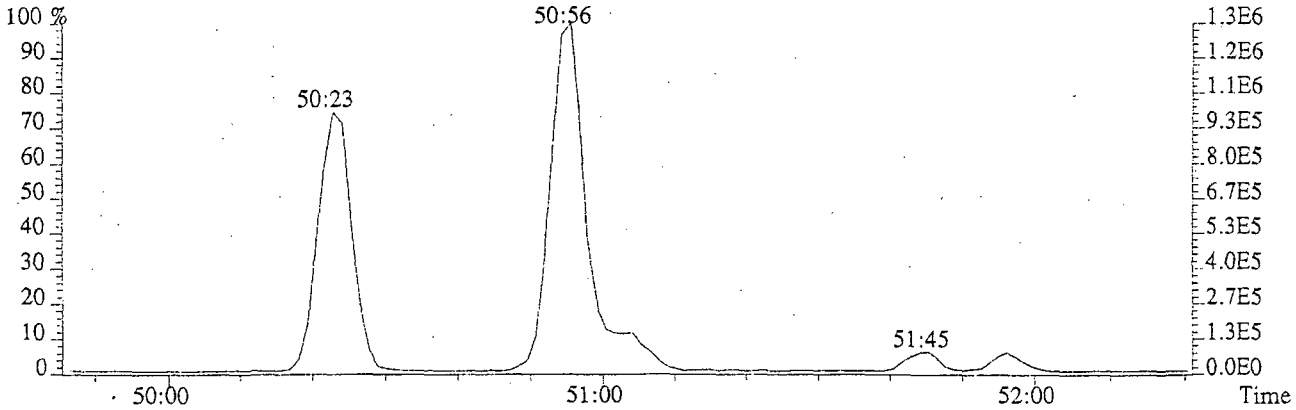
File:U220169 #1-580 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1892.0,1.00%,F,F)



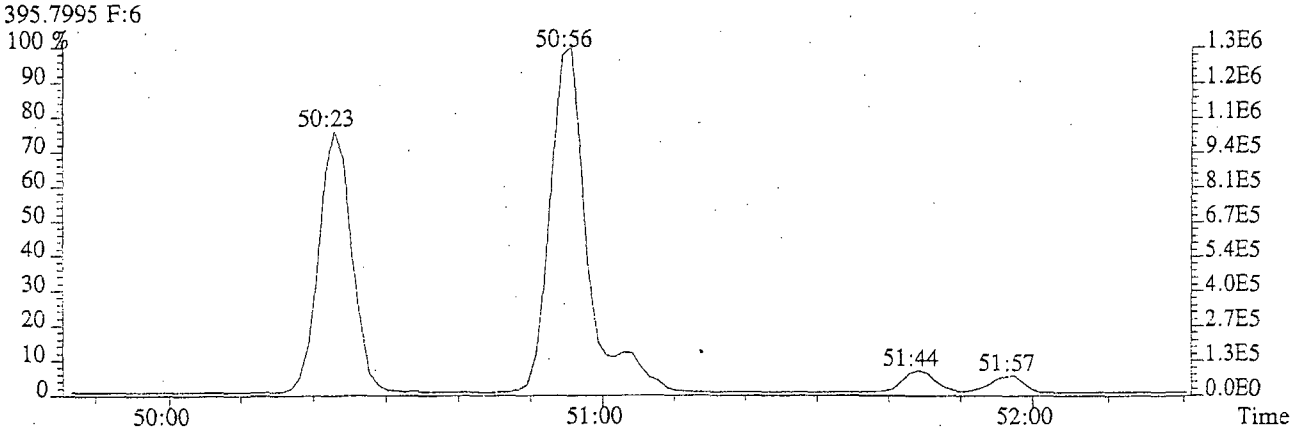
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2244.0,1.00%,F,F)



393.8025 F:6

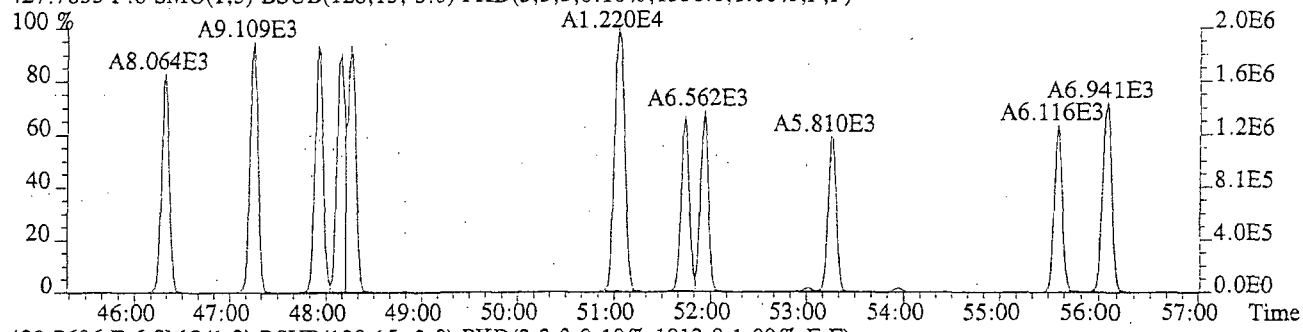


395.7995 F:6

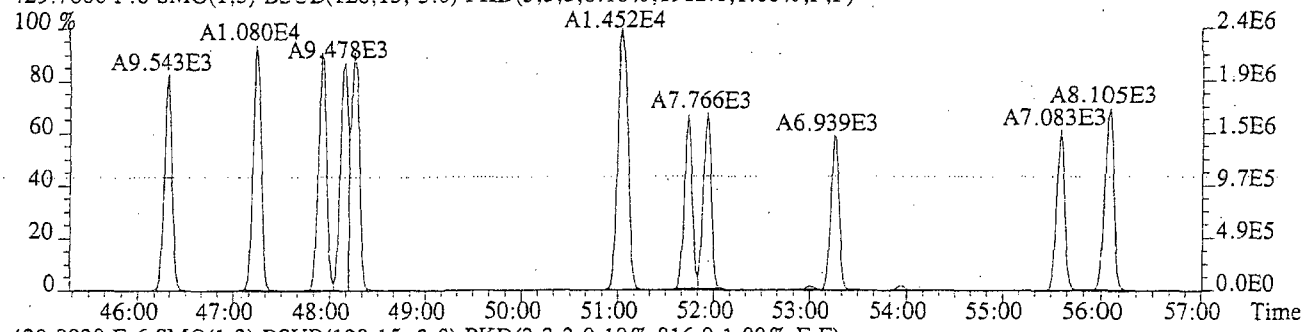


File:U220169 #1-580 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

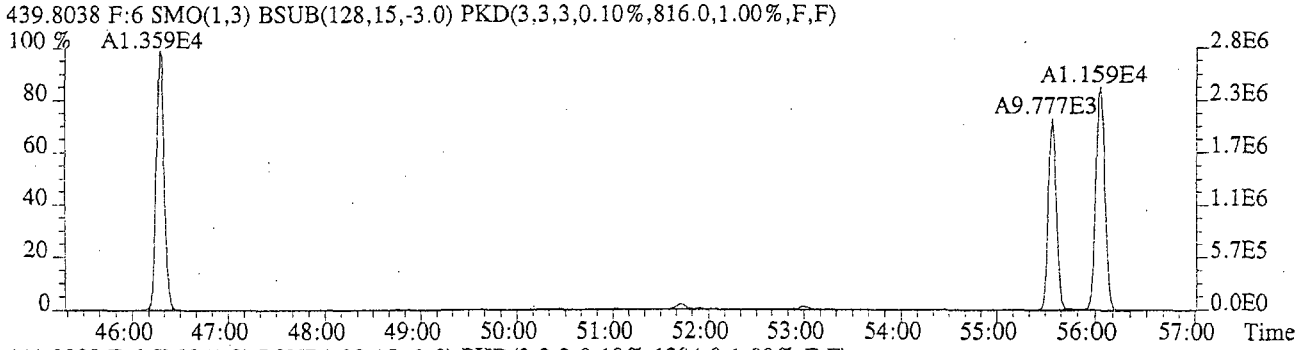
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1336.0,1.00%,F,F)



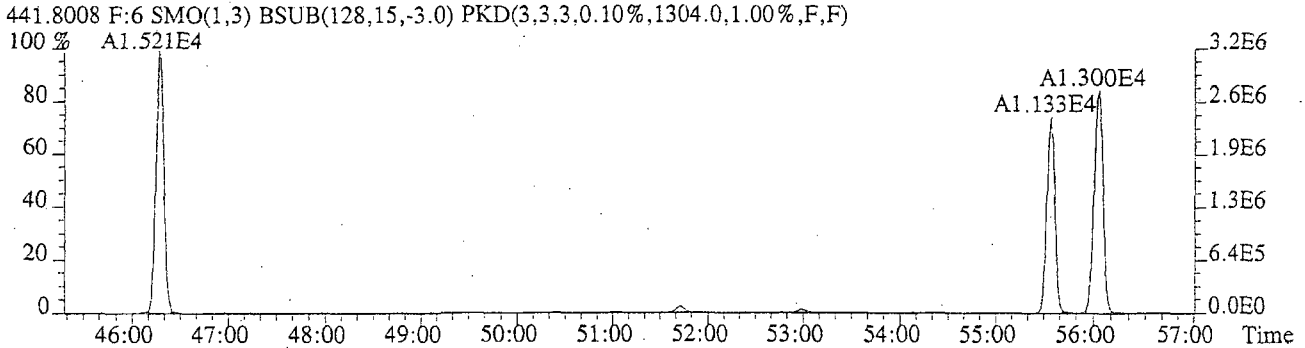
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1912.0,1.00%,F,F)



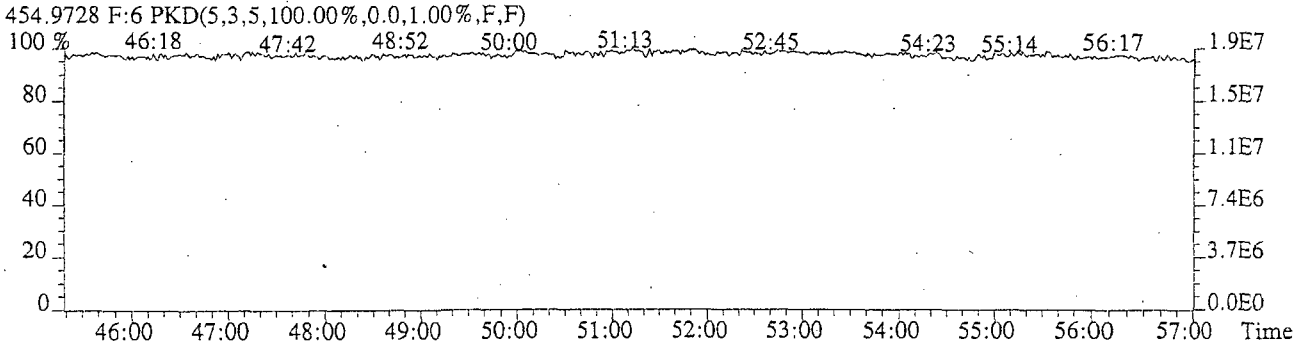
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,816.0,1.00%,F,F)



441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1304.0,1.00%,F,F)

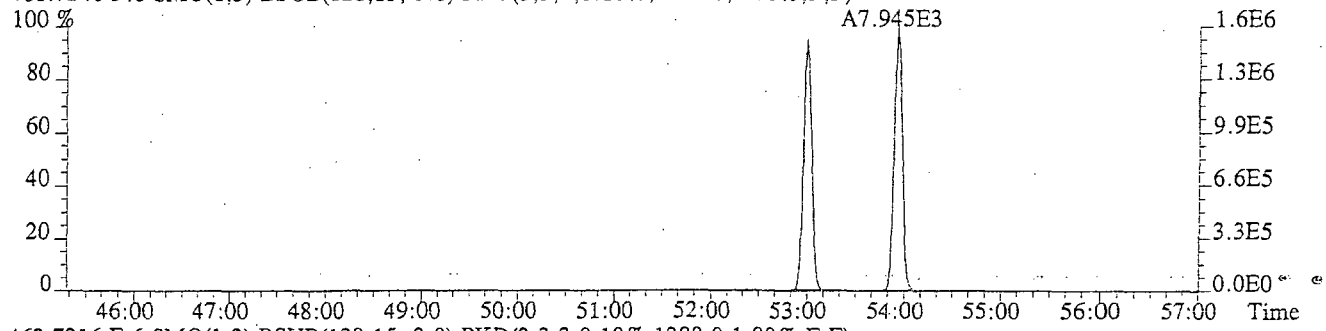


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

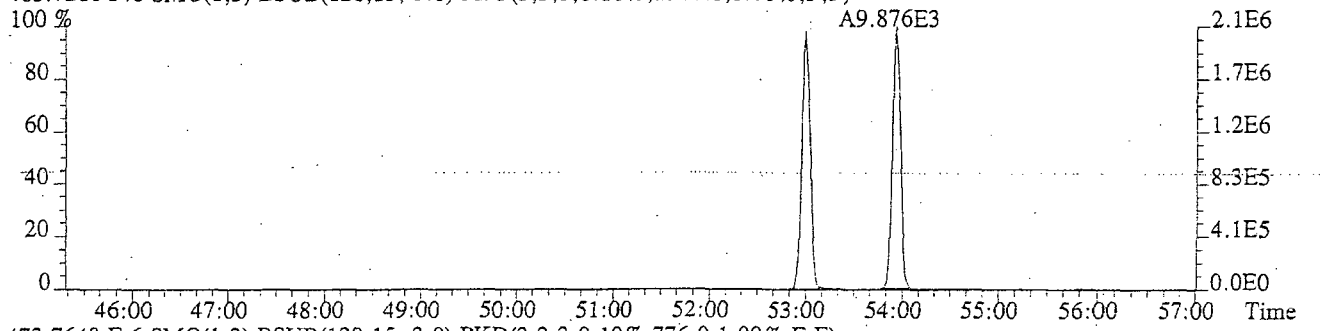


File:U220169 #1-580 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

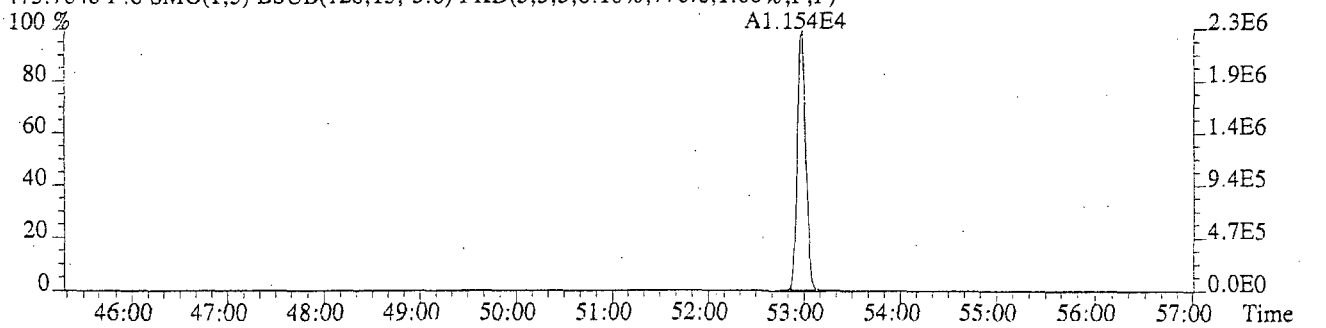
461.7246 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1404.0,1.00%,F,F)



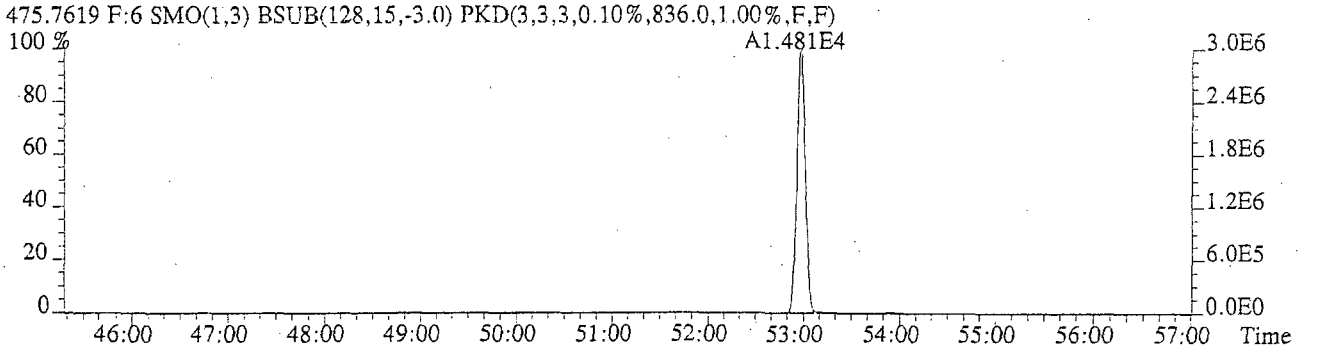
463.7216 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1388.0,1.00%,F,F)



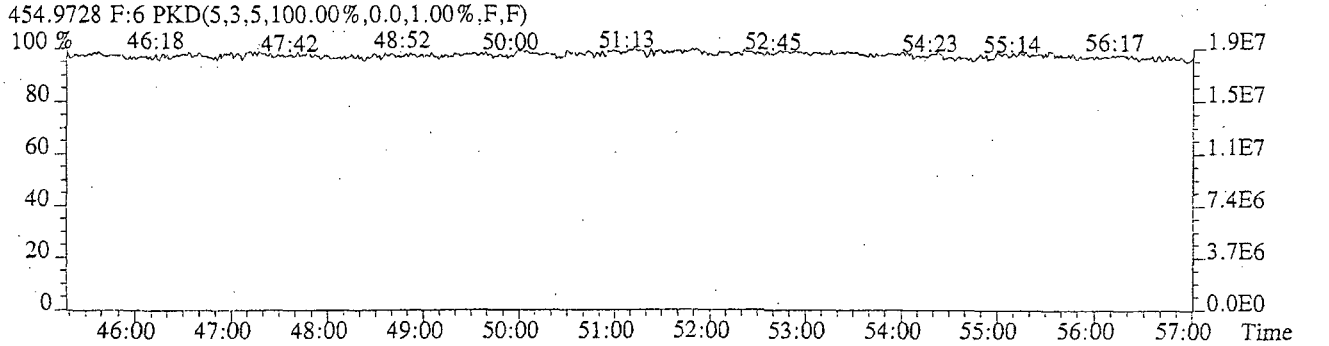
473.7648 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,776.0,1.00%,F,F)



475.7619 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,836.0,1.00%,F,F)

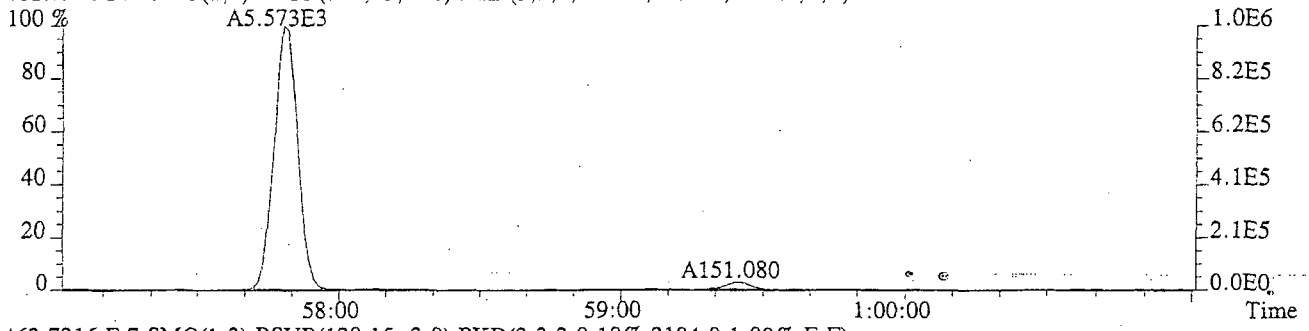


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

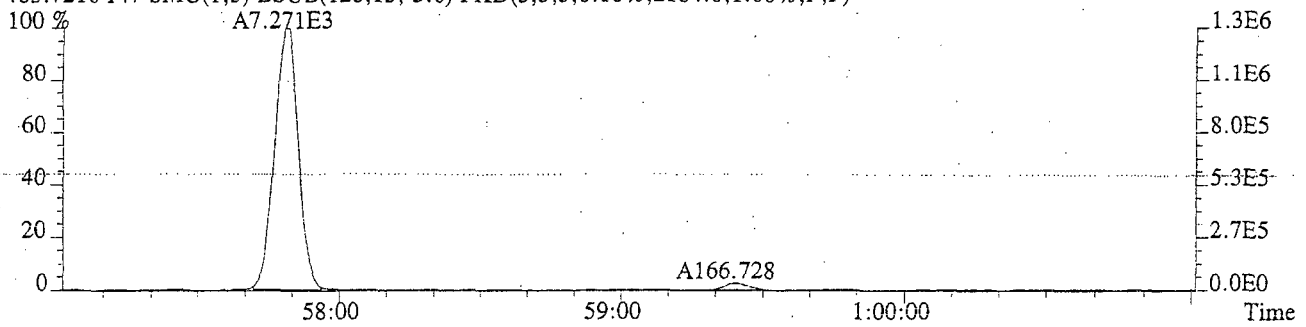


File:U220169 #1-226 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

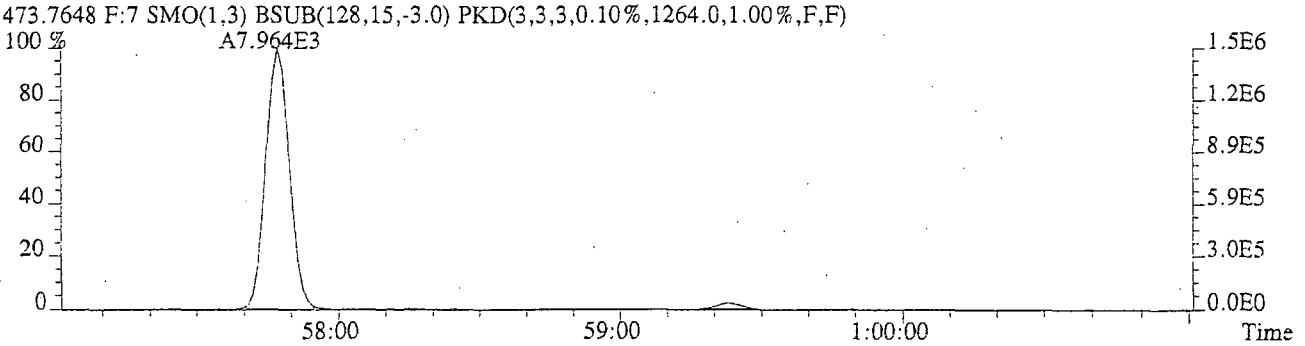
461.7246 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1236.0,1.00%,F,F)



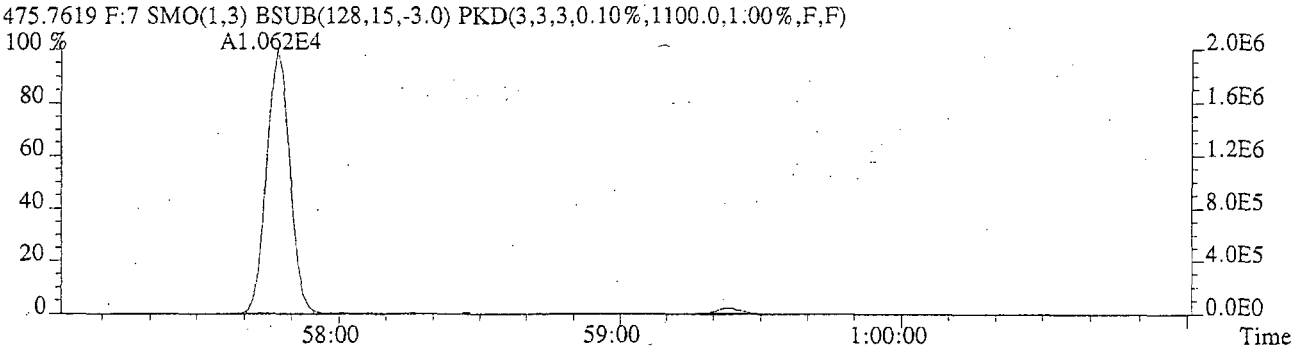
463.7216 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2184.0,1.00%,F,F)



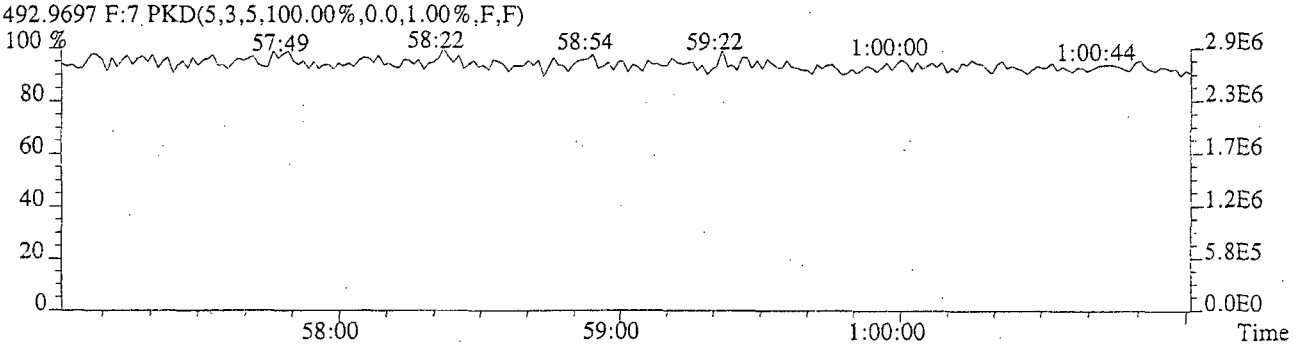
473.7648 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1264.0,1.00%,F,F)



475.7619 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1100.0,1.00%,F,F)

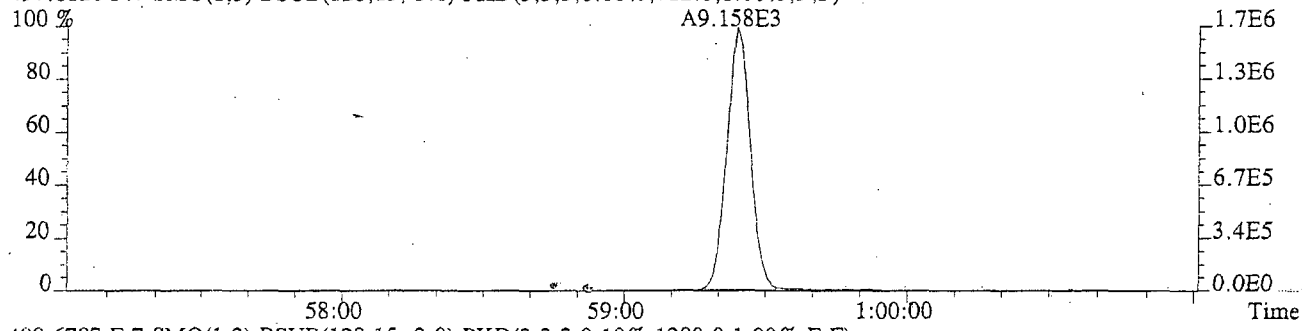


492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

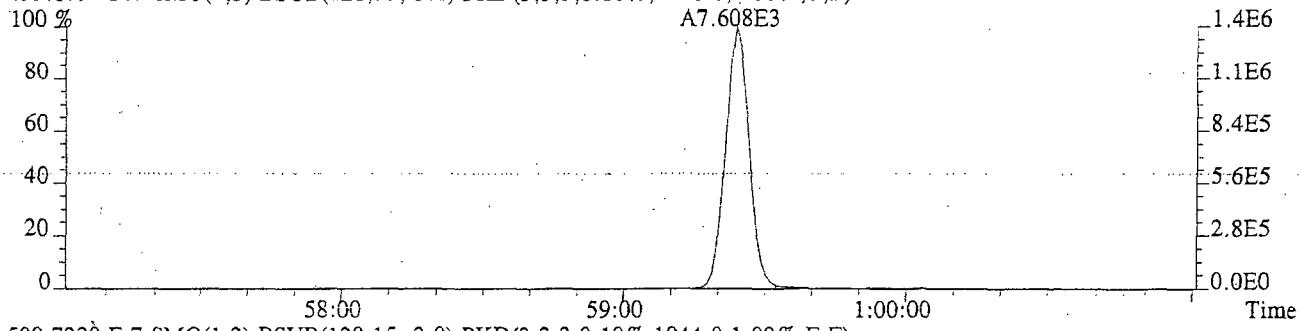


File:U220169 #1-226 Acq:19-AUG-2009 12:03:41 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

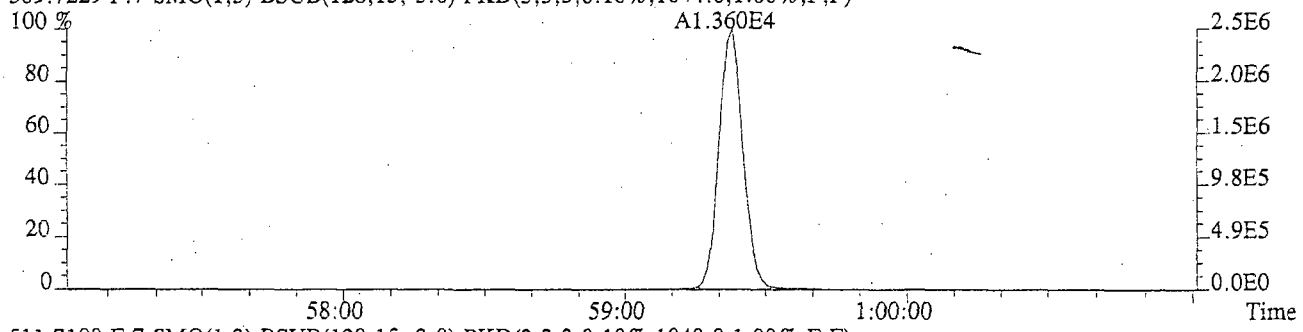
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,712.0,1.00%,F,F)



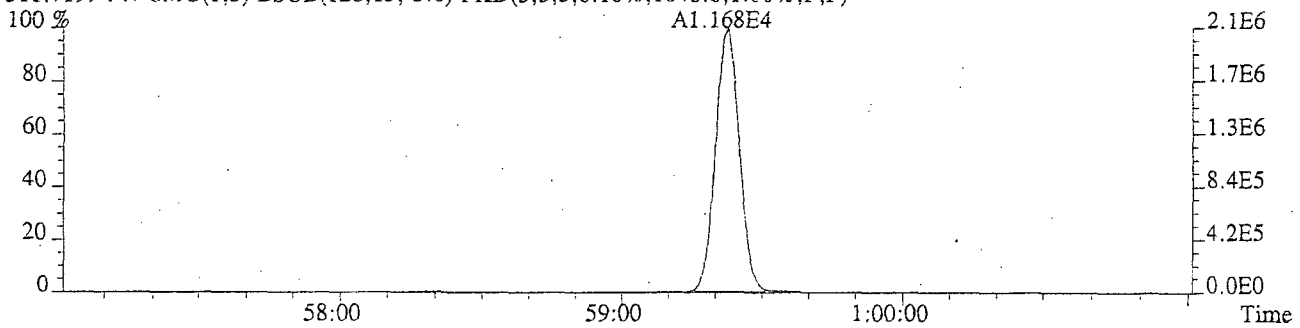
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1288.0,1.00%,F,F)



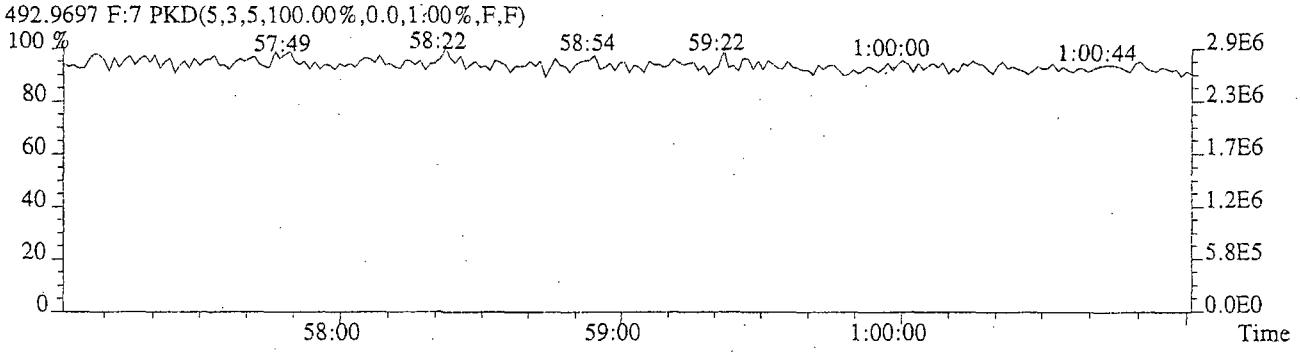
509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1044.0,1.00%,F,F)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1048.0,1.00%,F,F)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



U221015

METHOD 1668A
DILUTED COMBINED 209 CONGENER SOLUTION (DCCS-209)

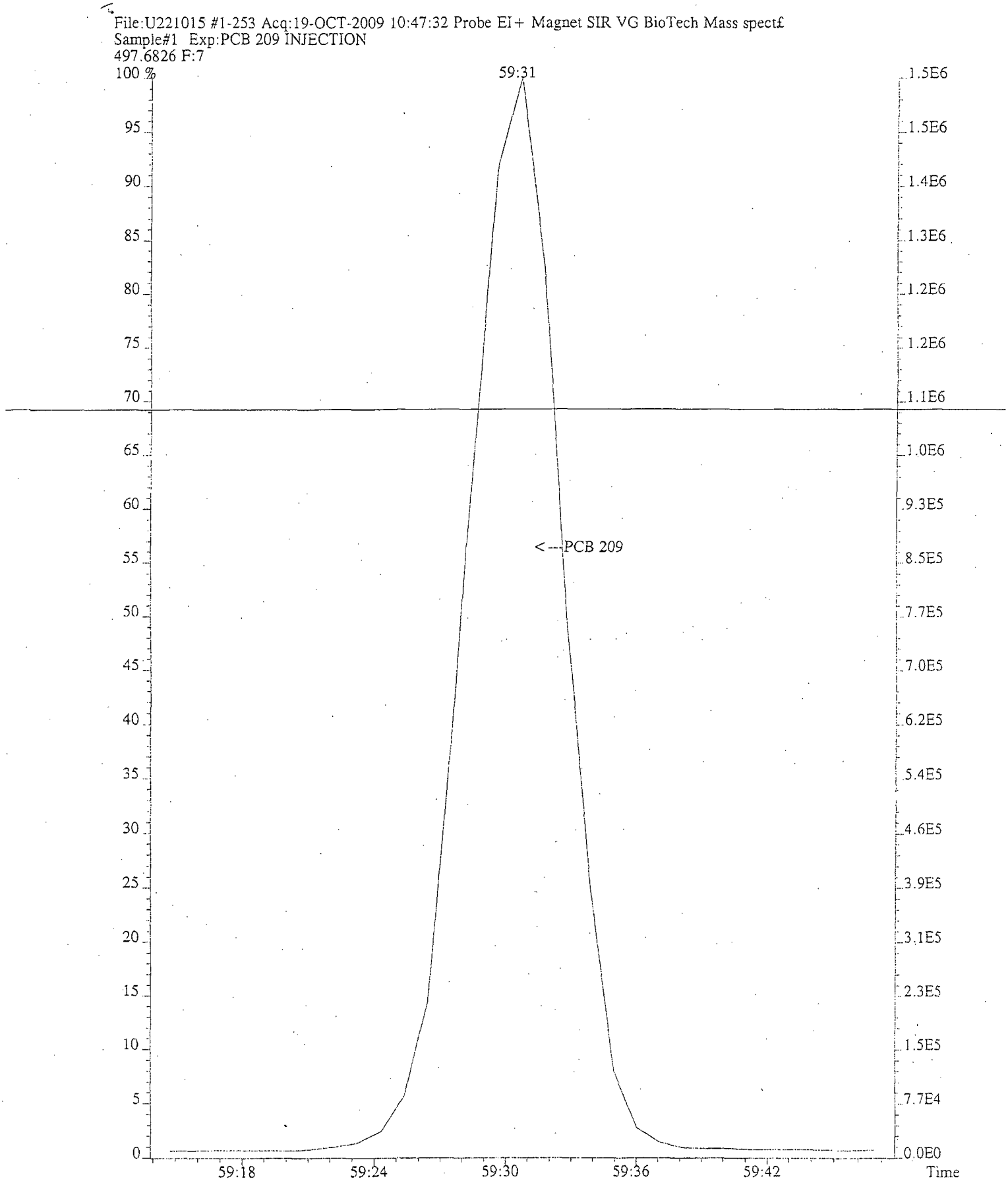
CLIENT ID	
DCCS-209	CPS03

Lab Name: COLUMBIA ANALYTICAL SERVICES
Lab Code: CAS TX01411
GC Column: SPB-Octyl

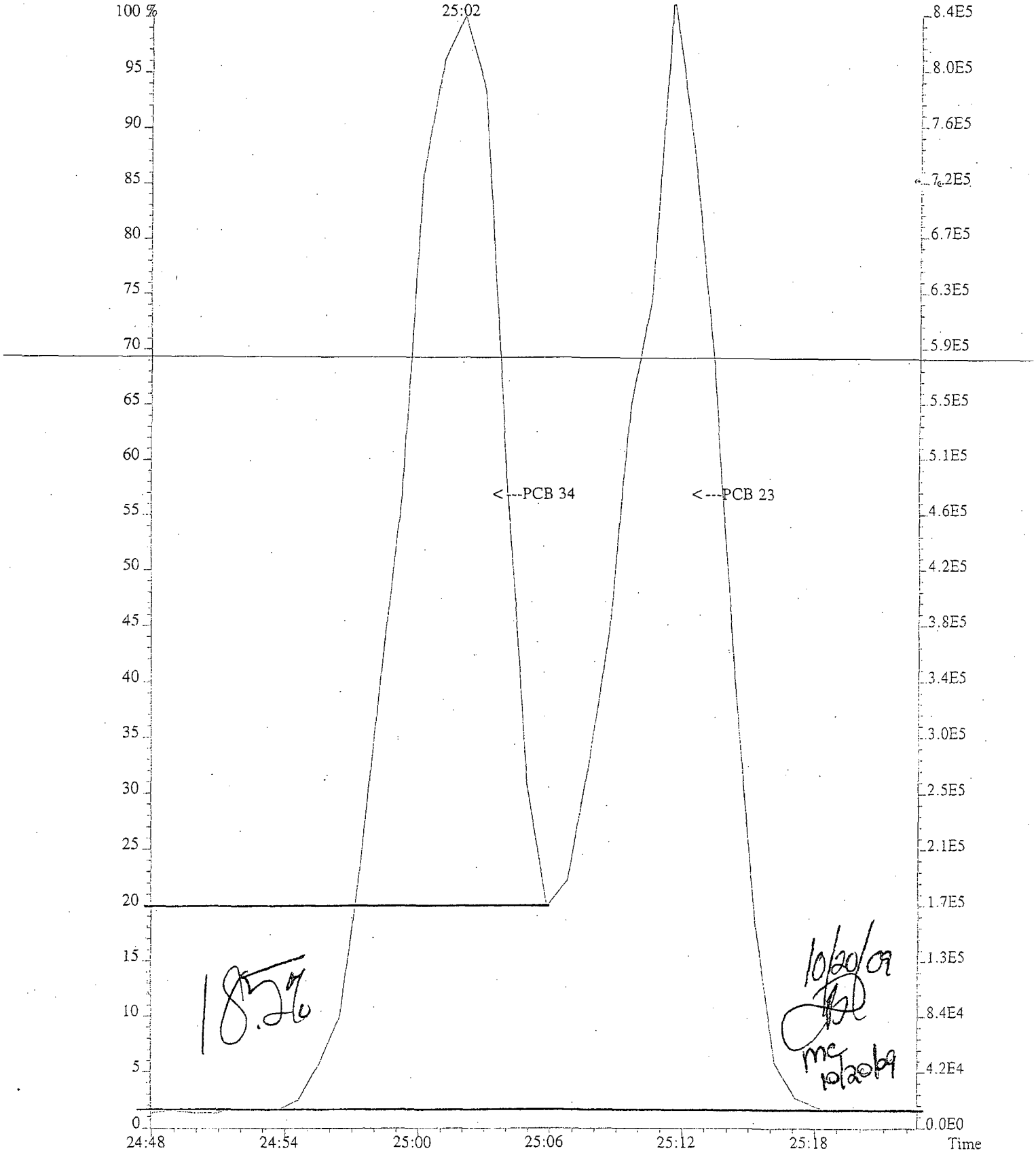
SDG No.:	C0115
Lab File ID:	U221015
Date Analyzed:	10/19/09
Time Analyzed:	10:47:32

Retention time for PCB 209:	59:31	min.	(>55 min.)
%Valley between PCB 34 and PCB 23:	18.5	%	(<40%)
%Valley between PCB 187 and PCB 182:	2.5	%	(<40%)
Seconds of coelution between PCB 156 and PCB 157:	0	sec.	(<2 sec.)

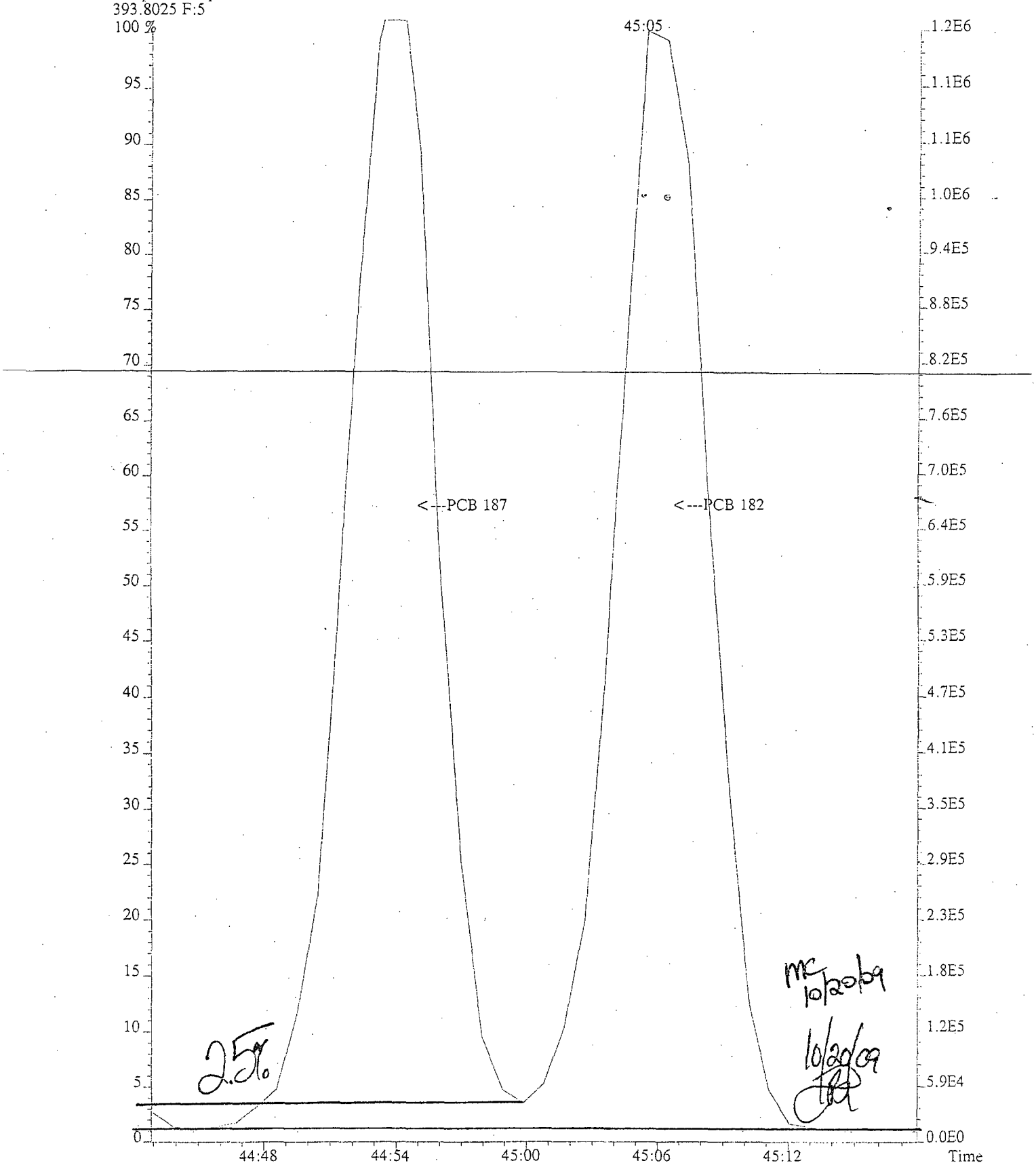
Reference: Section 6.9.1.1 Method 1668A with corrections and changes through August 30, 2003.


File:U221015 #1-253 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
497.6826 F:7
100 %
59:31
<---PCB 209
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
1.5E6
1.5E6
1.4E6
1.3E6
1.2E6
1.2E6
1.1E6
1.0E6
9.3E5
8.5E5
7.7E5
7.0E5
6.2E5
5.4E5
4.6E5
3.9E5
3.1E5
2.3E5
1.5E5
7.7E4
0.0E0
59:18
59:24
59:30
59:36
59:42
Time

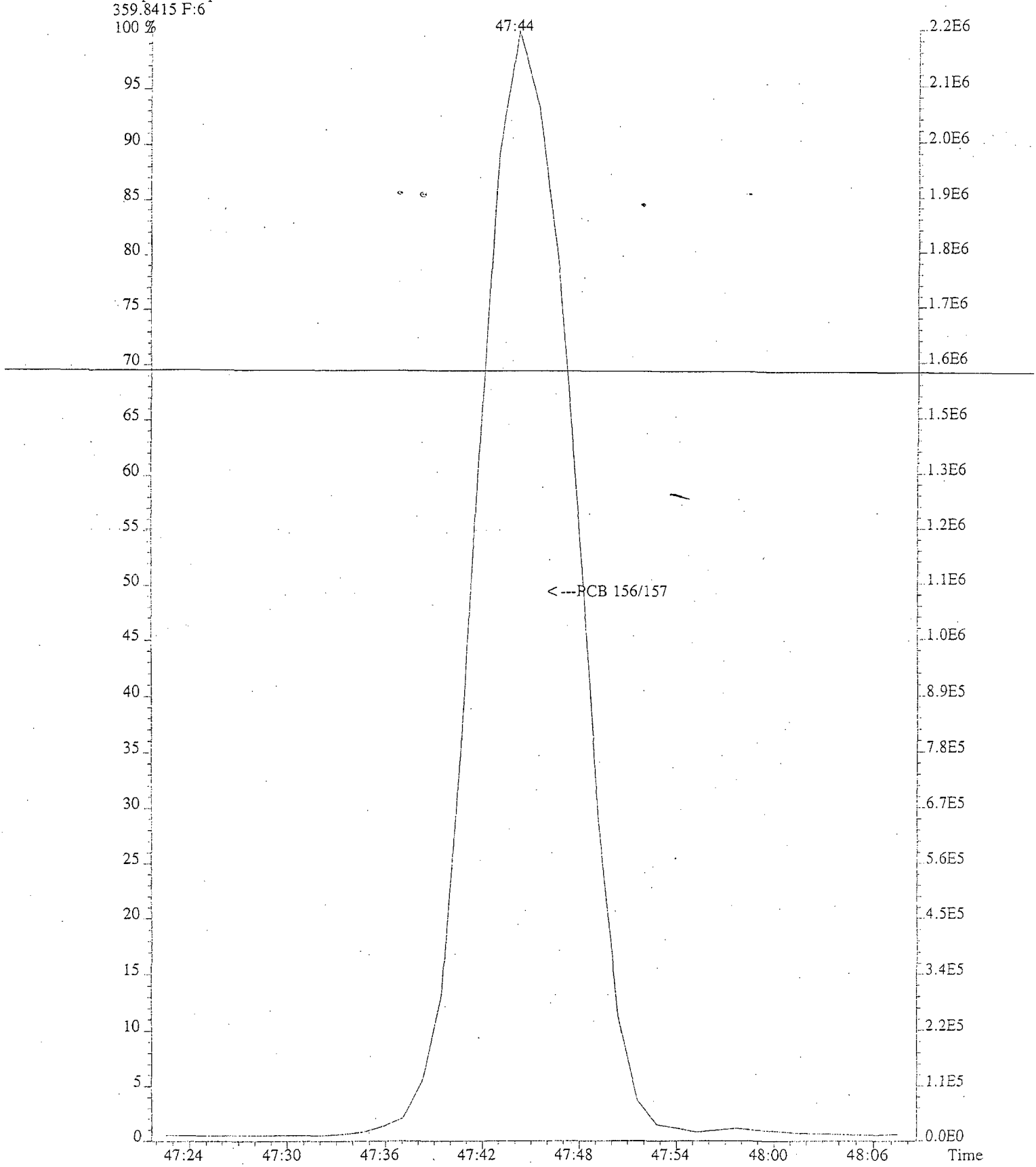
File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
255.9613 F:3



File:U221015 #1-402 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION
393.8025 F:5



File:U221015 #1-581 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION
359.8415 F:6



Columbia Analytical Services, Inc.
Sample Response Summary

CLIENT ID.
PCB 209 INJEC

Run #1 Filename U221015 Samp: 1 Inj: 1 Acquired: 19-OCT-09 10:47:32
Processed: 20-OCT-09 09:48:32 Sample ID: PCB 209 INJECTION

Ln#	Fxn	Name	RT-1	Resp 1	Resp 2	RatioMeet		Mod?	RRT
1	1	PCB-1	14:08	7.435e+03	2.374e+03	3.13	y	n	1.001
2	1	PCB-2	16:22	8.183e+03	2.508e+03	3.26	y	n	0.989
3	1	PCB-3	16:33	7.695e+03	2.449e+03	3.14	y	n	1.000
4	1	PCB-4	16:50	4.173e+03	2.674e+03	1.56	y	n	1.001
5	1	PCB-10	17:01	6.632e+03	4.298e+03	1.54	y	n	1.012
6	2	PCB-9	19:00	5.638e+03	3.548e+03	1.59	y	n	1.130
7	2	PCB-7	19:11	5.373e+03	3.311e+03	1.62	y	n	1.141
8	2	PCB-6	19:27	5.618e+03	3.449e+03	1.63	y	n	1.157
9	2	PCB-5	19:47	4.965e+03	3.179e+03	1.56	y	n	1.176
10	2	PCB-8	19:55	5.691e+03	3.613e+03	1.58	y	n	1.184
11	2	PCB-14	21:39	5.612e+03	3.402e+03	1.65	y	n	0.933
12	2	PCB-11	22:34	5.302e+03	3.292e+03	1.61	y	n	0.973
13	2	PCB-12/13	22:52	1.030e+04	6.436e+03	1.60	y	n	0.986
14	2	PCB-15	23:13	5.312e+03	3.357e+03	1.58	y	n	1.001
15	2	PCB-19	20:14	2.479e+03	2.389e+03	1.04	y	n	1.001
16	2	PCB-18/30	22:13	6.482e+03	6.325e+03	1.02	y	n	1.099
17	2	PCB-17	22:40	2.738e+03	2.606e+03	1.05	y	n	1.121
18	2	PCB-27	22:54	4.038e+03	3.942e+03	1.02	y	n	1.133
19	2	PCB-24	23:03	3.674e+03	3.730e+03	0.98	y	n	1.140
20	2	PCB-16	23:10	1.840e+03	1.810e+03	1.02	y	n	1.146
21	2	PCB-32	23:42	4.140e+03	4.030e+03	1.03	y	n	1.172
22	3	PCB-34	25:02	4.986e+03	4.782e+03	1.04	y	n	1.238
23	3	PCB-23	25:11	4.692e+03	4.220e+03	1.11	y	n	1.246
24	3	PCB-26/29	25:31	1.047e+04	9.520e+03	1.10	y	n	1.262
25	3	PCB-25	25:45	5.510e+03	5.113e+03	1.08	y	n	0.843
26	3	PCB-31	26:05	5.313e+03	5.029e+03	1.06	y	n	0.854
27	3	PCB-20/28	26:25	1.016e+04	9.683e+03	1.05	y	n	0.865
28	3	PCB-21/33	26:36	1.019e+04	9.517e+03	1.07	y	n	0.871
29	3	PCB-22	27:03	4.805e+03	4.345e+03	1.11	y	n	0.886
30	3	PCB-36	28:40	5.498e+03	4.929e+03	1.12	y	n	0.939
31	3	PCB-39	29:02	4.981e+03	4.847e+03	1.03	y	n	0.951
32	3	PCB-38	29:39	4.818e+03	4.526e+03	1.06	y	n	0.971
33	3	PCB-35	30:07	4.584e+03	4.061e+03	1.13	y	n	0.986
34	3	PCB-37	30:33	4.176e+03	3.908e+03	1.07	y	n	1.001
35	2	PCB-54	23:32	6.470e+03	8.545e+03	0.76	y	n	1.001
36	3	PCB-50/53	25:49	1.029e+04	1.319e+04	0.78	y	n	1.099
37	3	PCB-45/51	26:31	9.965e+03	1.283e+04	0.78	y	n	1.128
38	3	PCB-46	26:50	4.268e+03	5.518e+03	0.77	y	n	1.142
39	3	PCB-52	28:17	5.891e+03	7.565e+03	0.78	y	y	1.204
40	3	PCB-43/73	28:27	1.051e+04	1.346e+04	0.78	y	y	1.211
41	3	PCB-49/69	28:45	1.237e+04	1.612e+04	0.77	y	y	1.223
42	3	PCB-48	29:06	5.034e+03	6.437e+03	0.78	y	y	1.238
43	3	PCB-44/47/65	29:21	1.768e+04	2.295e+04	0.77	y	y	1.249
44	3	PCB-59/62/75	29:40	2.113e+04	2.701e+04	0.78	y	y	1.262
45	3	PCB-42	29:52	4.688e+03	6.071e+03	0.77	y	y	1.271
46	3	PCB-40/41/71	30:23	1.590e+04	2.065e+04	0.77	y	y	1.293
47	3	PCB-64	30:36	7.386e+03	9.642e+03	0.77	y	y	1.302
48	3	PCB-72	31:27	7.638e+03	9.456e+03	0.81	y	n	0.840
49	3	PCB-68	31:45	7.412e+03	9.254e+03	0.80	y	n	0.848
50	3	PCB-57	32:11	7.267e+03	9.283e+03	0.78	y	n	0.860

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51	3	PCB-58	32:26	7.186e+03	8.858e+03	0.81	y	n	0.866
52	3	PCB-67	32:36	7.697e+03	9.697e+03	0.79	y	n	0.871
53	3	PCB-63	32:52	7.665e+03	9.554e+03	0.80	y	n	0.878
54	3	PCB-61/70/74/76	33:13	2.896e+04	3.686e+04	0.79	y	n	0.887
55	3	PCB-66	33:34	7.777e+03	9.833e+03	0.79	y	n	0.897
56	3	PCB-55	33:43	6.255e+03	7.893e+03	0.79	y	n	0.901
57	4	PCB-56	34:15	7.389e+03	9.171e+03	0.81	y	n	0.915
58	4	PCB-60	34:28	7.231e+03	9.144e+03	0.79	y	n	0.921
59	4	PCB-80	34:52	8.946e+03	1.108e+04	0.81	y	n	0.931
60	4	PCB-79	36:25	8.913e+03	1.110e+04	0.80	y	n	0.973
61	4	PCB-78	37:00	7.415e+03	9.498e+03	0.78	y	n	0.988
62	4	PCB-81	37:27	7.563e+03	9.420e+03	0.80	y	n	1.000
63	4	PCB-77	38:01	6.860e+03	8.588e+03	0.80	y	n	1.000
64	3	PCB-104	29:16	1.015e+04	6.643e+03	1.53	y	n	1.000
65	3	PCB-96	29:40	9.723e+03	6.400e+03	1.52	y	n	1.014
66	3	PCB-103	31:38	8.366e+03	5.482e+03	1.53	y	n	1.081
67	3	PCB-94	31:52	6.318e+03	4.198e+03	1.50	y	n	1.089
68	3	PCB-95	32:20	8.189e+03	4.943e+03	1.66	y	n	1.105
69	3	PCB-93/100	32:34	1.612e+04	9.989e+03	1.61	y	n	1.113
70	3	PCB-98/102	32:42	1.494e+04	9.858e+03	1.52	y	n	1.117
71	3	PCB-88/91	33:07	1.478e+04	9.733e+03	1.52	y	y	1.132
72	3	PCB-84	33:27	6.543e+03	4.303e+03	1.52	y	n	1.143
73	3	PCB-89	33:56	7.284e+03	4.959e+03	1.47	y	n	1.159
74	4	PCB-121	34:21	9.313e+03	6.114e+03	1.52	y	n	1.174
75	4	PCB-92	34:44	7.252e+03	4.580e+03	1.58	y	n	0.868
76	4	PCB-90/101/113	35:19	2.492e+04	1.581e+04	1.58	y	n	0.883
77	4	PCB-83/99	35:55	1.513e+04	9.365e+03	1.62	y	y	0.898
78	4	PCB-112	36:03	9.369e+03	5.678e+03	1.65	y	y	0.901
79	4	PCB-86/87/97/109/119/125	36:25	5.014e+04	3.214e+04	1.56	y	y	0.910
80	4	PCB-117	37:05	8.692e+03	6.784e+03	1.28	n	n	0.927
81	4	PCB-85/116	37:10	1.780e+04	1.061e+04	1.68	y	n	0.929
82	4	PCB-110/115	37:21	1.991e+04	1.267e+04	1.57	y	y	0.933
83	4	PCB-82	37:41	6.377e+03	4.023e+03	1.59	y	n	0.942
84	4	PCB-111	38:03	9.768e+03	6.158e+03	1.59	y	n	0.951
85	4	PCB-120	38:31	1.036e+04	6.699e+03	1.55	y	n	0.963
86	5	PCB-108/124	39:41	1.744e+04	1.208e+04	1.44	y	n	0.992
87	5	PCB-107	39:56	8.911e+03	7.056e+03	1.26	n	n	0.998
88	5	PCB-123	40:02	8.003e+03	5.662e+03	1.41	y	n	1.000
89	5	PCB-106	40:10	8.722e+03	6.138e+03	1.42	y	n	1.004
90	5	PCB-118	40:23	8.327e+03	5.954e+03	1.40	y	n	1.001
91	5	PCB-122	40:44	7.607e+03	5.735e+03	1.33	y	n	1.010
92	5	PCB-114	40:56	8.476e+03	5.905e+03	1.44	y	n	1.001
93	5	PCB-105	41:35	8.430e+03	5.917e+03	1.42	y	n	1.001
94	5	PCB-127	43:03	8.270e+03	5.715e+03	1.45	y	n	1.036
95	5	PCB-126	44:42	7.508e+03	5.322e+03	1.41	y	n	1.001
96	4	PCB-155	35:06	1.023e+04	8.825e+03	1.16	y	n	1.001
97	4	PCB-152	35:19	1.052e+04	8.734e+03	1.20	y	n	1.007
98	4	PCB-150	35:28	9.668e+03	7.758e+03	1.25	y	n	1.011
99	4	PCB-136	35:51	9.703e+03	7.749e+03	1.25	y	n	1.022
100	4	PCB-145	36:09	9.434e+03	7.848e+03	1.20	y	n	1.031
101	4	PCB-148	37:41	7.386e+03	5.962e+03	1.24	y	n	1.075
102	4	PCB-135/151	38:16	1.470e+04	1.220e+04	1.20	y	n	1.091
103	4	PCB-154	38:32	9.004e+03	7.480e+03	1.20	y	n	1.099
104	4	PCB-144	38:51	7.934e+03	6.234e+03	1.27	y	n	1.108
105	5	PCB-147/149	39:13	1.351e+04	1.076e+04	1.26	y	n	1.118
106	5	PCB-134	39:26	5.937e+03	4.717e+03	1.26	y	n	1.125
107	5	PCB-143	39:31	5.836e+03	4.681e+03	1.25	y	n	1.127

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108	5	PCB-139/140	39:49	1.308e+04	1.051e+04	1.25	y	n	1.135
109	5	PCB-131	40:02	5.776e+03	4.754e+03	1.21	y	n	1.142
110	5	PCB-142	40:12	5.629e+03	4.484e+03	1.26	y	n	1.146
111	5	PCB-132	40:29	5.687e+03	4.516e+03	1.26	y	n	1.154
112	5	PCB-133	40:59	6.212e+03	4.861e+03	1.28	y	n	1.169
113	5	PCB-165	41:23	7.710e+03	6.075e+03	1.27	y	n	0.889
114	5	PCB-146	41:38	7.286e+03	5.935e+03	1.23	y	n	0.894
115	5	PCB-161	41:46	8.220e+03	6.765e+03	1.22	y	n	0.897
116	5	PCB-153/168	42:17	1.548e+04	1.261e+04	1.23	y	n	0.905
117	5	PCB-141	42:28	6.487e+03	5.229e+03	1.24	y	n	0.912
118	5	PCB-130	42:53	5.625e+03	4.479e+03	1.26	y	n	0.921
119	5	PCB-137	43:06	6.430e+03	5.315e+03	1.21	y	n	0.926
120	5	PCB-164	43:14	7.813e+03	6.533e+03	1.20	y	n	0.929
121	5	PCB-129/138/163	43:33	2.039e+04	1.649e+04	1.24	y	n	0.936
122	5	PCB-160	43:42	7.421e+03	5.941e+03	1.25	y	n	0.939
123	5	PCB-158	43:56	8.980e+03	7.194e+03	1.25	y	n	0.944
124	5	PCB-128/166	44:48	1.392e+04	1.106e+04	1.26	y	n	0.962
125	6	PCB-159	45:48	6.871e+03	5.393e+03	1.27	y	n	0.984
126	6	PCB-162	46:05	6.942e+03	5.490e+03	1.26	y	n	0.990
127	6	PCB-167	46:34	6.921e+03	5.380e+03	1.29	y	n	1.000
128	6	PCB-156/157	47:44	1.282e+04	1.011e+04	1.27	y	n	1.000
129	6	PCB-169	51:01	5.528e+03	4.415e+03	1.25	y	n	1.001
130	5	PCB-188	40:54	7.966e+03	8.135e+03	0.98	y	n	1.001
131	5	PCB-179	41:15	8.742e+03	8.544e+03	1.02	y	n	1.009
132	5	PCB-184	41:46	8.225e+03	8.432e+03	0.98	y	n	1.022
133	5	PCB-176	42:09	8.350e+03	8.264e+03	1.01	y	n	1.031
134	5	PCB-186	42:37	7.698e+03	7.762e+03	0.99	y	n	1.043
135	5	PCB-178	43:59	5.661e+03	5.981e+03	0.95	y	n	1.076
136	5	PCB-175	44:37	6.083e+03	6.135e+03	0.99	y	n	1.092
137	5	PCB-187	44:54	6.334e+03	6.225e+03	1.02	y	n	1.099
138	5	PCB-182	45:06	6.268e+03	6.114e+03	1.03	y	n	1.104
139	6	PCB-183	45:31	4.719e+03	4.761e+03	0.99	y	n	1.114
140	6	PCB-185	45:38	3.983e+03	4.029e+03	0.99	y	n	1.117
141	6	PCB-174	45:47	4.112e+03	4.226e+03	0.97	y	n	1.120
142	6	PCB-177	46:13	3.854e+03	3.958e+03	0.97	y	n	1.131
143	6	PCB-181	46:38	4.013e+03	4.124e+03	0.97	y	n	1.141
144	6	PCB-171/173	46:51	7.841e+03	7.838e+03	1.00	y	n	1.146
145	6	PCB-172	48:29	3.883e+03	4.002e+03	0.97	y	n	0.906
146	6	PCB-192	48:46	4.711e+03	4.786e+03	0.98	y	n	0.911
147	6	PCB-180/193	49:05	9.718e+03	1.018e+04	0.95	y	n	0.917
148	6	PCB-191	49:30	5.288e+03	5.323e+03	0.99	y	n	0.925
149	6	PCB-170	50:25	3.608e+03	3.831e+03	0.94	y	n	0.942
150	6	PCB-190	50:57	5.042e+03	5.322e+03	0.95	y	n	0.952
151	6	PCB-189	53:32	4.427e+03	4.378e+03	1.01	y	n	1.000
152	6	PCB-202	46:21	7.036e+03	8.431e+03	0.83	y	n	1.001
153	6	PCB-201	47:16	8.460e+03	9.765e+03	0.87	y	n	1.021
154	6	PCB-204	47:56	8.135e+03	9.800e+03	0.83	y	n	1.035
155	6	PCB-197	48:11	8.228e+03	9.671e+03	0.85	y	n	1.041
156	6	PCB-200	48:18	7.711e+03	8.911e+03	0.87	y	n	1.043
157	6	PCB-198/199	51:05	1.058e+04	1.232e+04	0.86	y	n	1.103
158	6	PCB-196	51:47	5.647e+03	6.625e+03	0.85	y	n	0.923
159	6	PCB-203	51:59	5.671e+03	6.751e+03	0.84	y	n	0.926
160	6	PCB-195	53:19	5.095e+03	6.193e+03	0.82	y	n	0.950
161	6	PCB-194	55:39	5.147e+03	5.976e+03	0.86	y	n	0.992
162	6	PCB-205	56:08	5.976e+03	6.917e+03	0.86	y	n	1.000
163	6	PCB-208	53:04	7.050e+03	9.020e+03	0.78	y	n	1.001
164	6	PCB-207	54:00	6.992e+03	8.857e+03	0.79	y	n	1.018

Filename U221015 Acquired: 19-OCT-09 10:47:32

165	7	PCB-206	57:54	4.084e+03	5.423e+03	0.75	y	n	1.000
166	7	PCB-209	59:31	7.368e+03	6.293e+03	1.17	y	n	1.001
167	1	PCB-1L	14:07	2.804e+04	8.876e+03	3.16	y	n	0.744
168	1	PCB-3L	16:33	2.937e+04	9.417e+03	3.12	y	n	0.872
169	1	PCB-4L	16:49	1.916e+04	1.282e+04	1.49	y	n	0.886
170	2	PCB-15L	23:12	2.019e+04	1.311e+04	1.54	y	n	1.222
171	2	PCB-19L	20:13	1.056e+04	1.017e+04	1.04	y	n	1.065
172	3	PCB-37L	30:32	1.750e+04	1.655e+04	1.06	y	n	1.080
173	2	PCB-54L	23:30	1.353e+04	1.766e+04	0.77	y	n	0.831
174	4	PCB-81L	37:26	1.389e+04	1.777e+04	0.78	y	n	1.324
175	4	PCB-77L	38:00	1.326e+04	1.703e+04	0.78	y	n	1.344
176	3	PCB-104L	29:16	2.052e+04	1.337e+04	1.53	y	n	0.829
177	5	PCB-123L	40:01	1.834e+04	1.167e+04	1.57	y	n	1.134
178	5	PCB-118L	40:21	1.947e+04	1.238e+04	1.57	y	n	1.143
179	5	PCB-114L	40:54	1.807e+04	1.175e+04	1.54	y	n	1.159
180	5	PCB-105L	41:33	1.766e+04	1.161e+04	1.52	y	n	1.177
181	5	PCB-126L	44:40	1.678e+04	1.085e+04	1.55	y	n	1.265
182	4	PCB-155L	35:04	2.242e+04	1.733e+04	1.29	y	n	0.806
183	6	PCB-167L	46:33	1.270e+04	1.035e+04	1.23	y	n	1.070
184	6	PCB-156/157L	47:43	2.465e+04	1.993e+04	1.24	y	n	1.097
185	6	PCB-169L	50:59	1.030e+04	8.485e+03	1.21	y	n	1.172
186	5	PCB-188L	40:52	1.860e+04	1.867e+04	1.00	y	n	0.735
187	6	PCB-189L	53:31	9.995e+03	9.805e+03	1.02	y	n	0.962
188	6	PCB-202L	46:18	1.139e+04	1.287e+04	0.88	y	n	0.832
189	6	PCB-205L	56:07	9.729e+03	1.129e+04	0.86	y	n	1.009
190	6	PCB-208L	53:02	9.818e+03	1.315e+04	0.75	y	n	0.953
191	7	PCB-206L	57:53	6.052e+03	8.008e+03	0.76	y	n	1.040
192	7	PCB-209L	59:29	1.099e+04	9.565e+03	1.15	y	n	1.069
193	3	PCB-28L	26:23	1.798e+04	1.744e+04	1.03	y	n	0.933
194	4	PCB-111L	38:01	1.983e+04	1.296e+04	1.53	y	n	1.077
195	5	PCB-178L	43:57	1.211e+04	1.192e+04	1.02	y	n	1.010
196	2	PCB-9L	18:59	2.191e+04	1.390e+04	1.58	y	n	*
197	3	PCB-52L	28:16	1.161e+04	1.502e+04	0.77	y	n	*
198	4	PCB-101L	35:18	1.713e+04	1.040e+04	1.65	y	n	*
199	5	PCB-138L	43:31	1.441e+04	1.148e+04	1.26	y	n	*
200	6	PCB-194L	55:38	8.174e+03	9.423e+03	0.87	y	n	*

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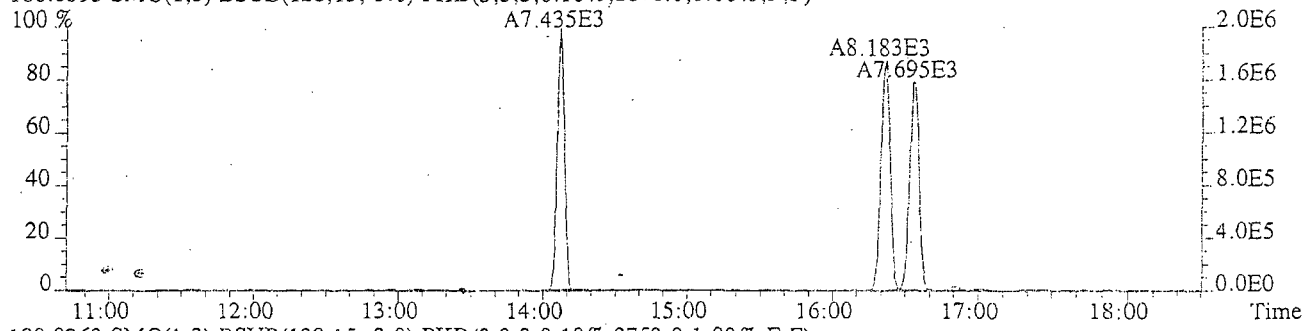
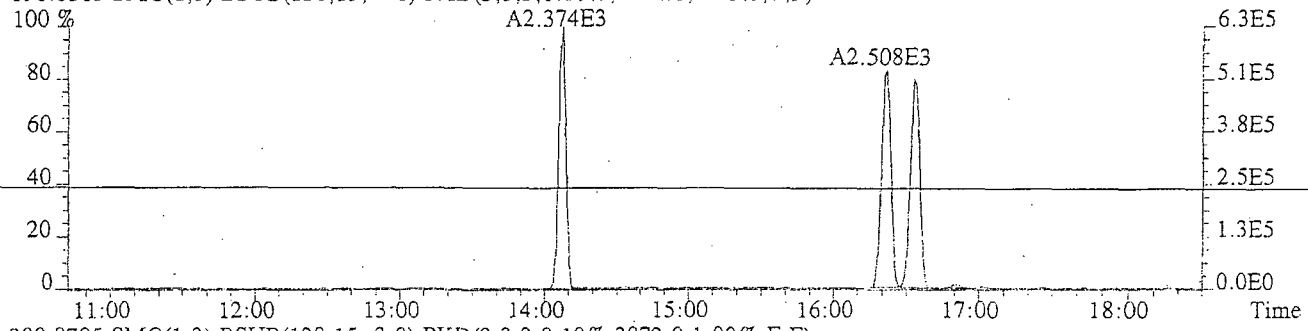
02/2009

File:U221015 #1-501 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spect
Sample#1 Exp:PCB 209 INJECTION

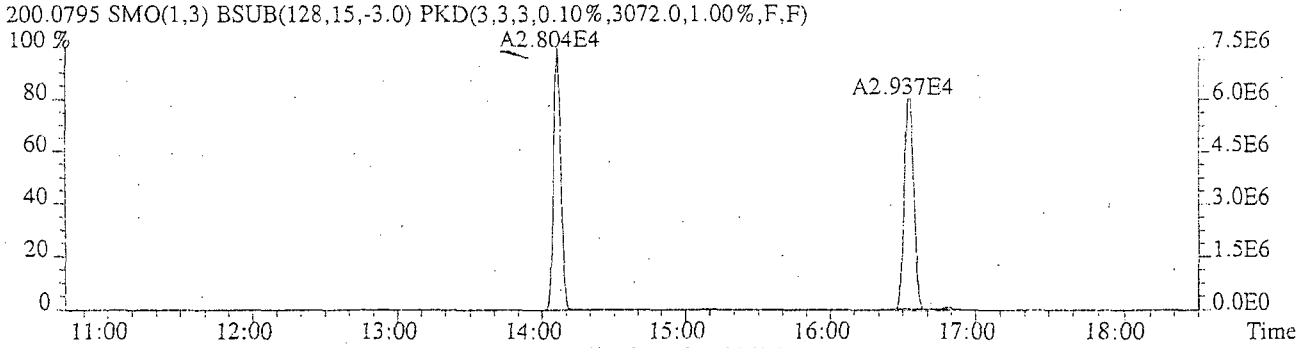
188.0393 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2876.0,1.00%,F,F)



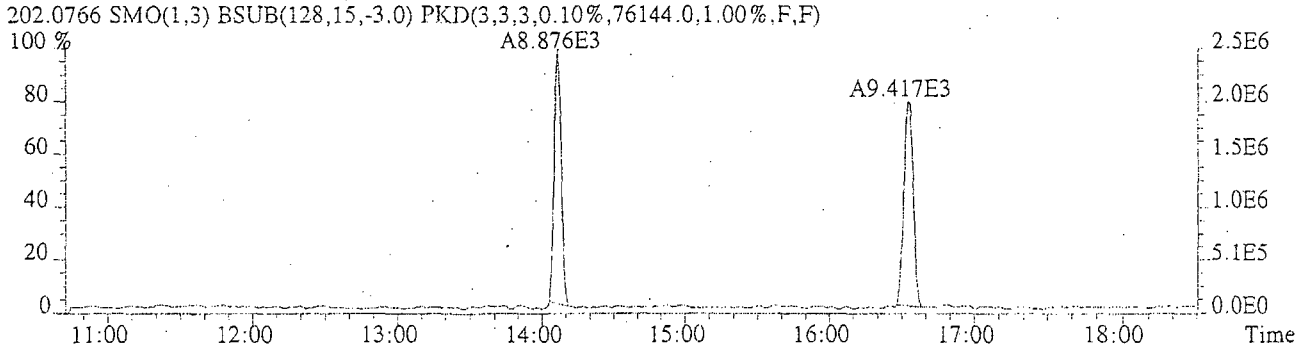
190.0363 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2752.0,1.00%,F,F)



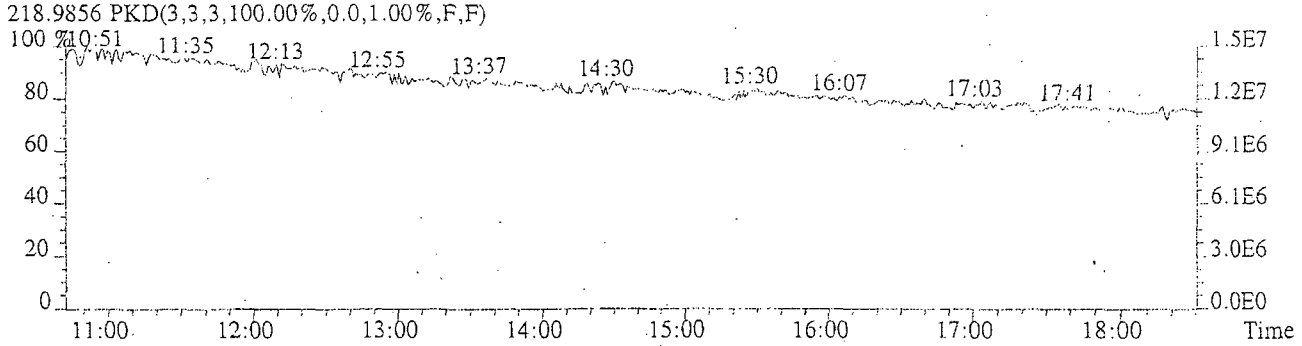
200.0795 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3072.0,1.00%,F,F)



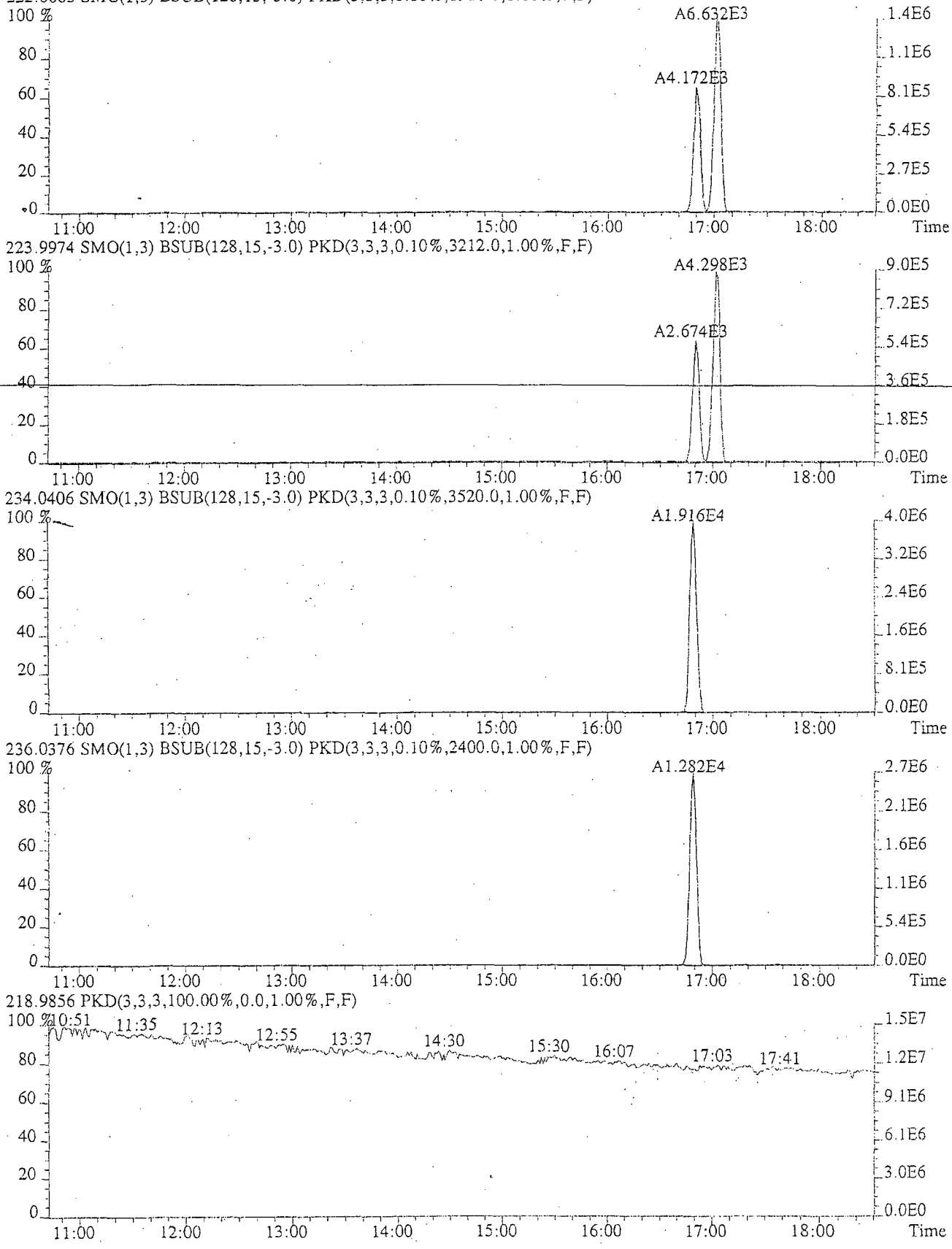
202.0766 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,76144.0,1.00%,F,F)



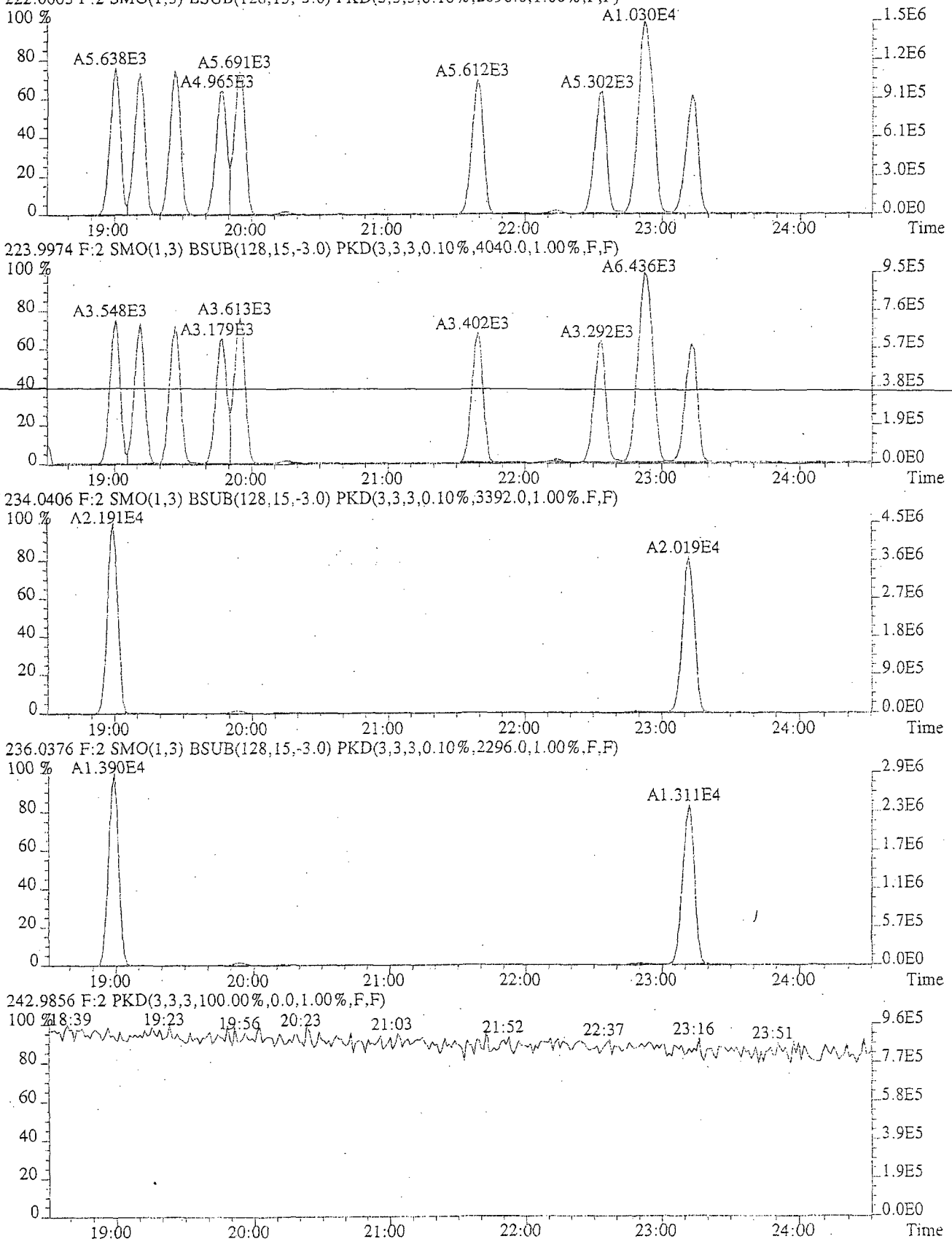
218.9856 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U221015 #1-501 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

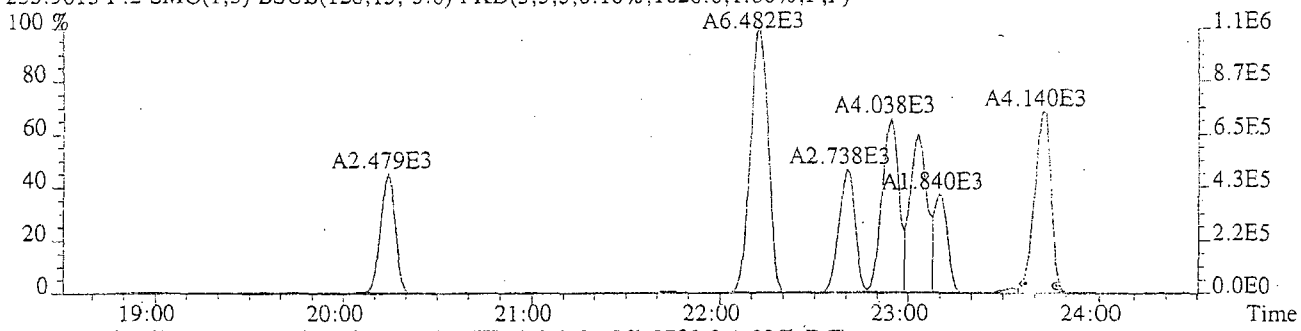


File:U221015 #1-331 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

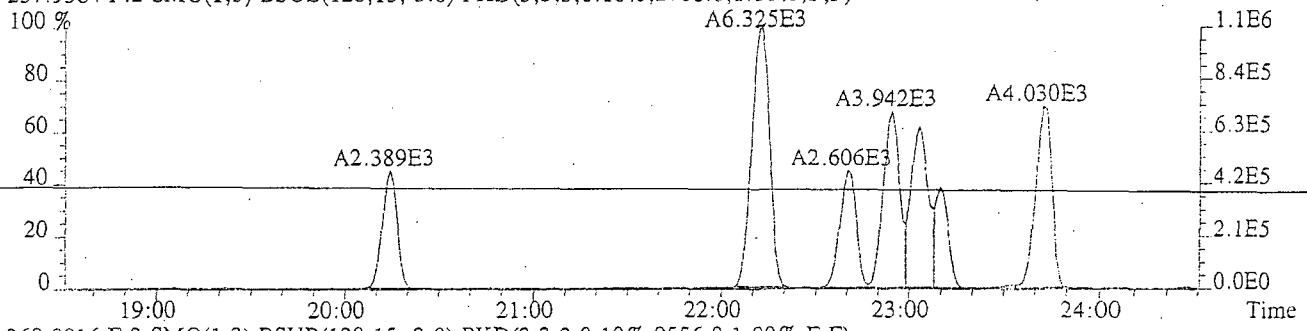


File:U221015 #1-331 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

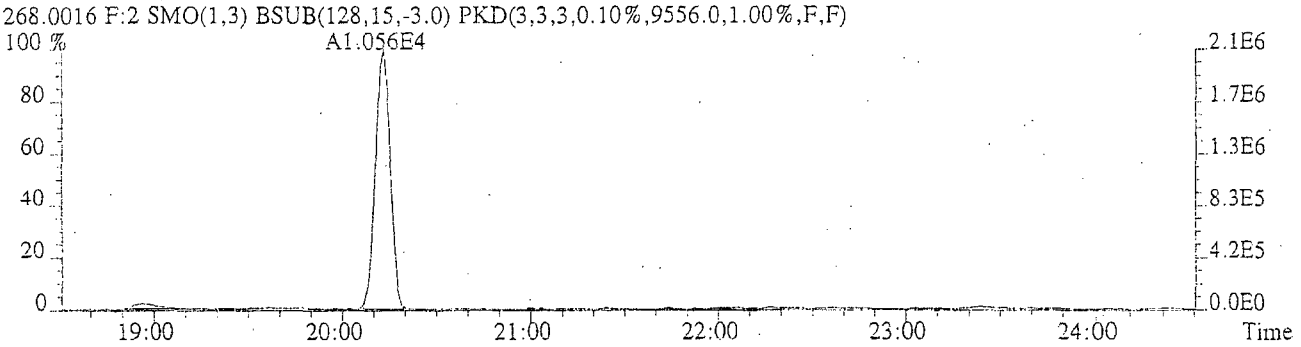
255.9613 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1620.0,1.00%,F,F)



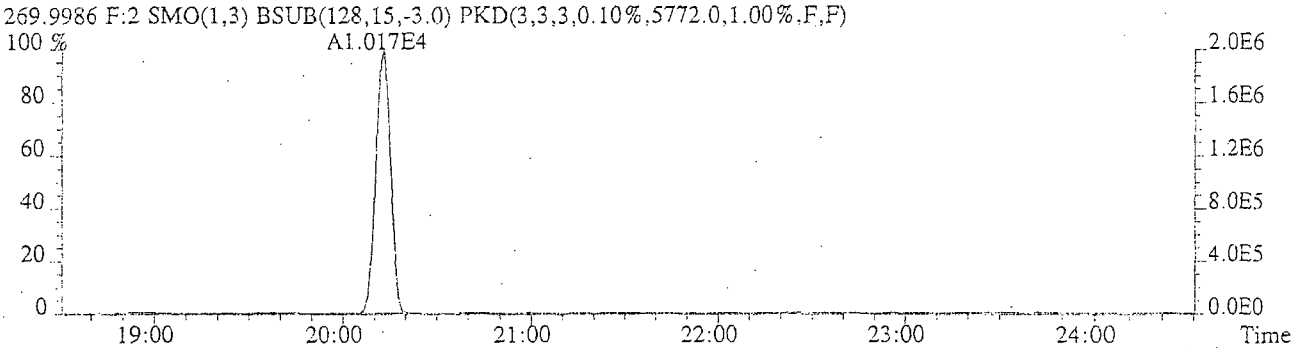
257.9584 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2788.0,1.00%,F,F)



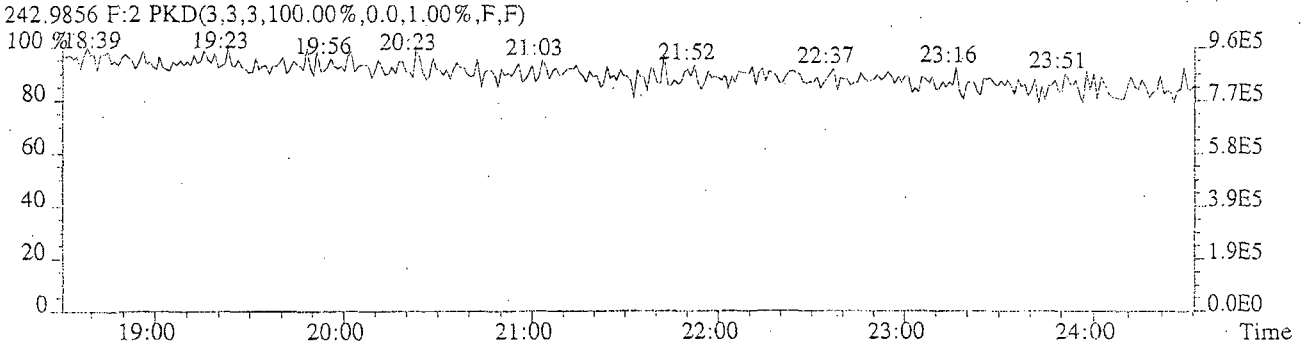
268.0016 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,9556.0,1.00%,F,F)



269.9986 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5772.0,1.00%,F,F)

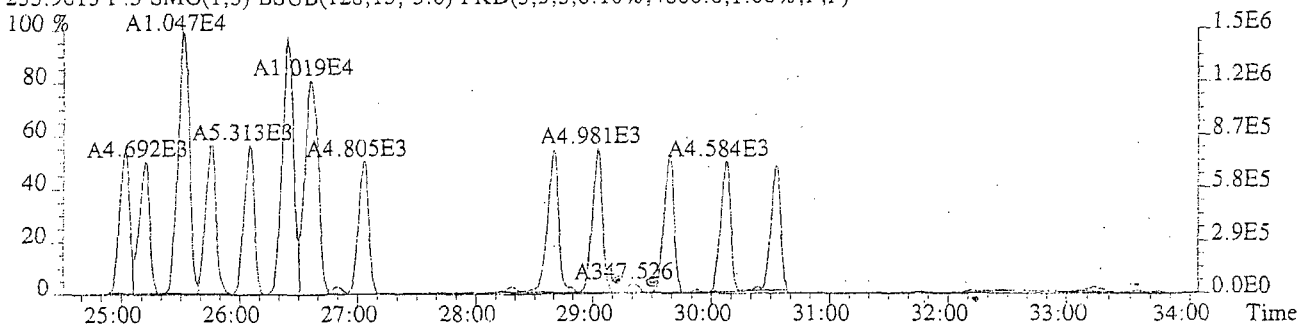


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

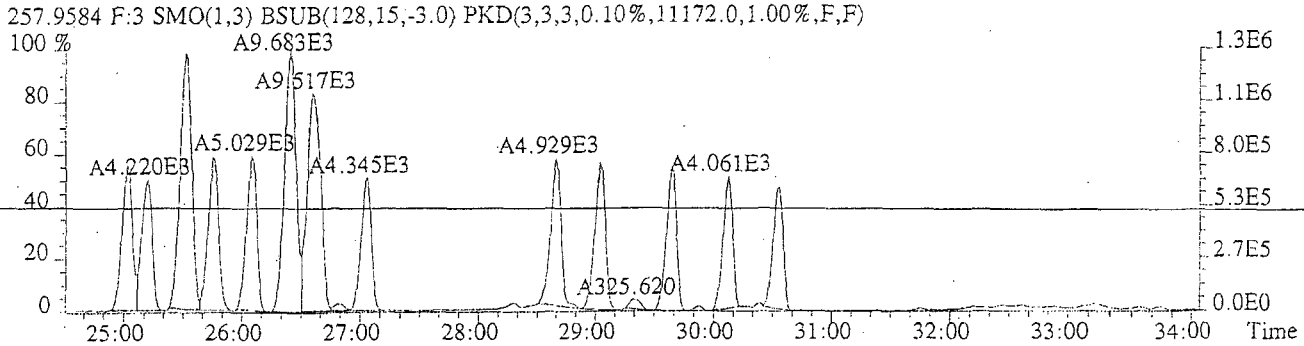


File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectℓ
Sample#1 Exp:PCB 209 INJECTION

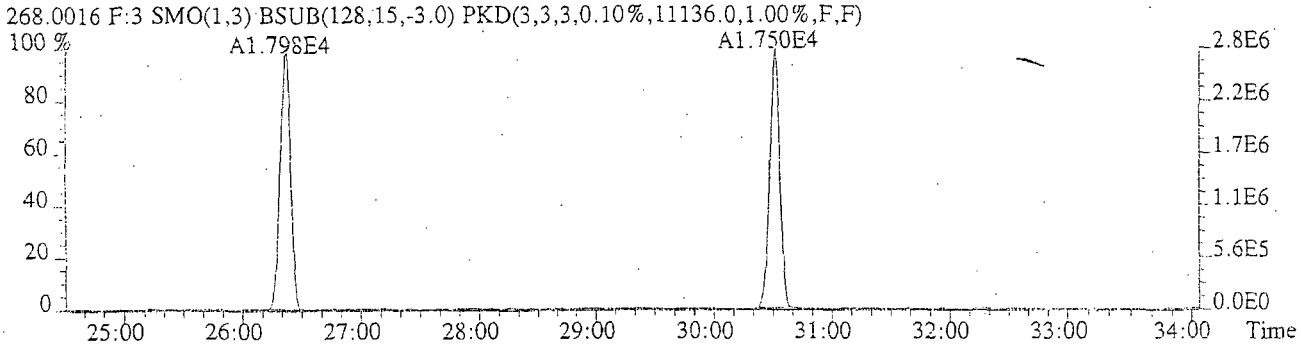
255.9613 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,4800.0,1.00%,F,F)



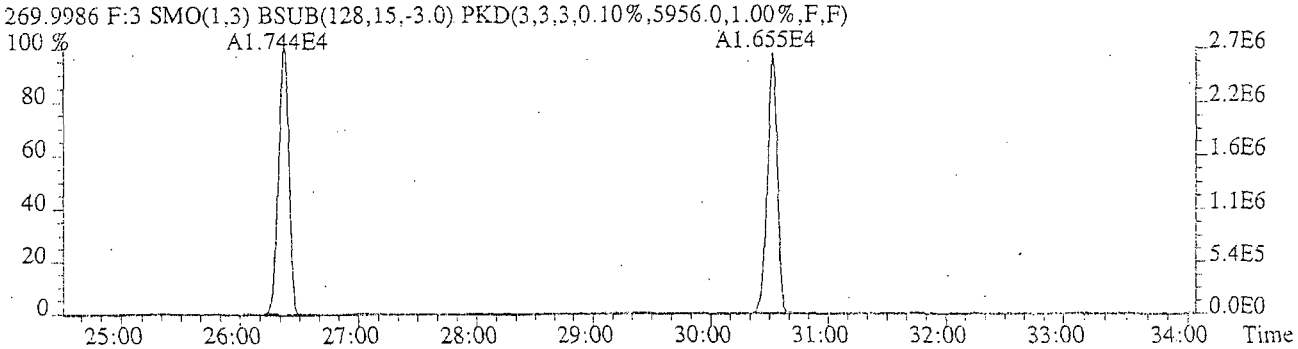
257.9584 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11172.0,1.00%,F,F)



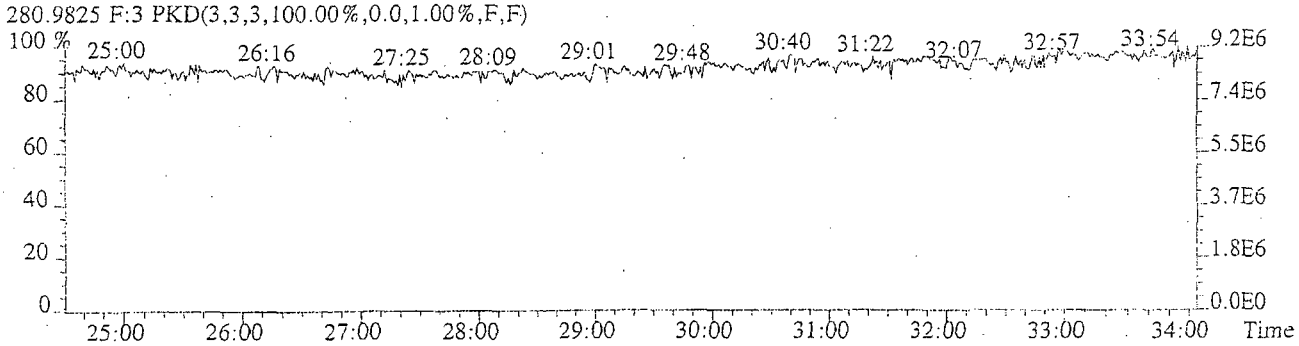
268.0016 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,11136.0,1.00%,F,F)



269.9986 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5956.0,1.00%,F,F)

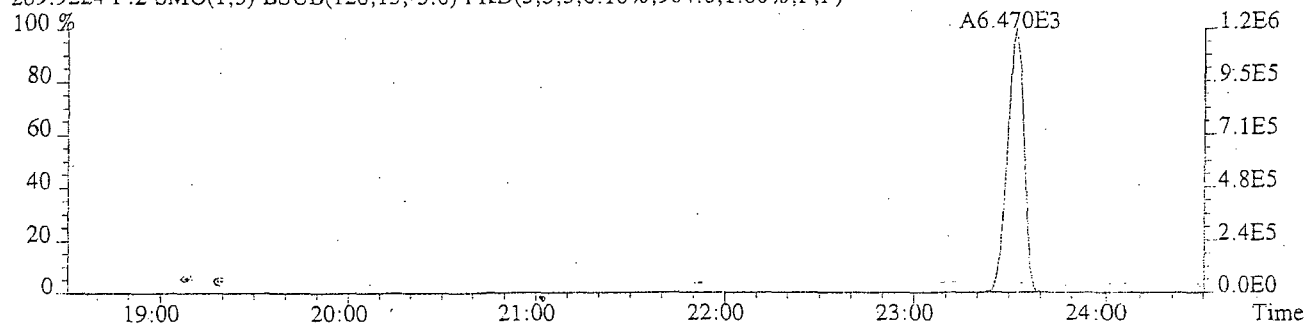


280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

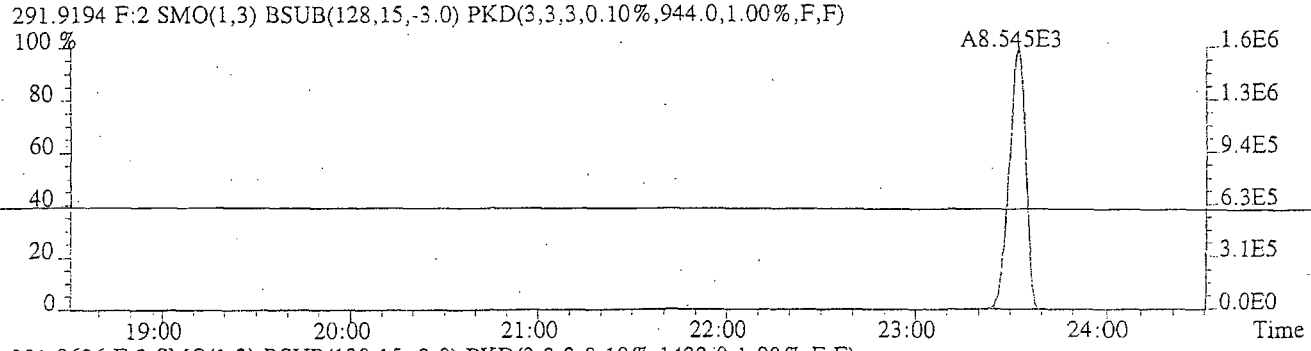


File:U221015 #1-331 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

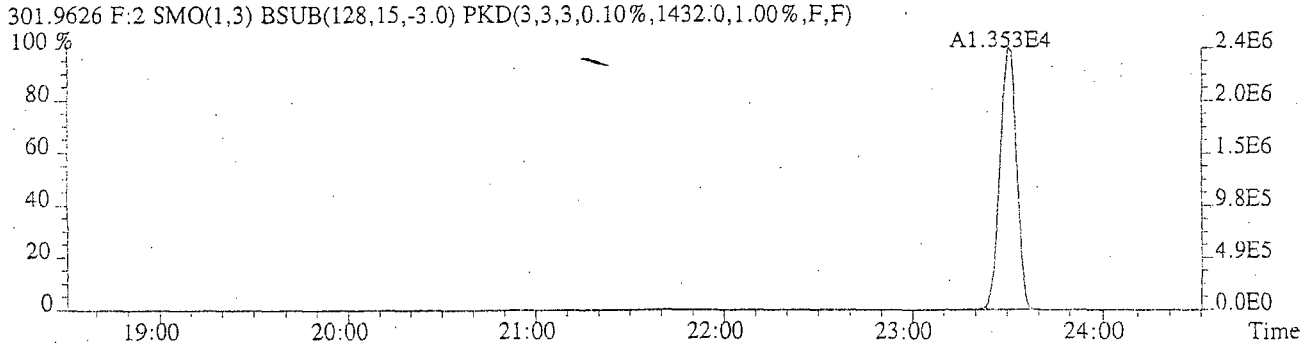
289.9224 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,904.0,1.00%,F,F)



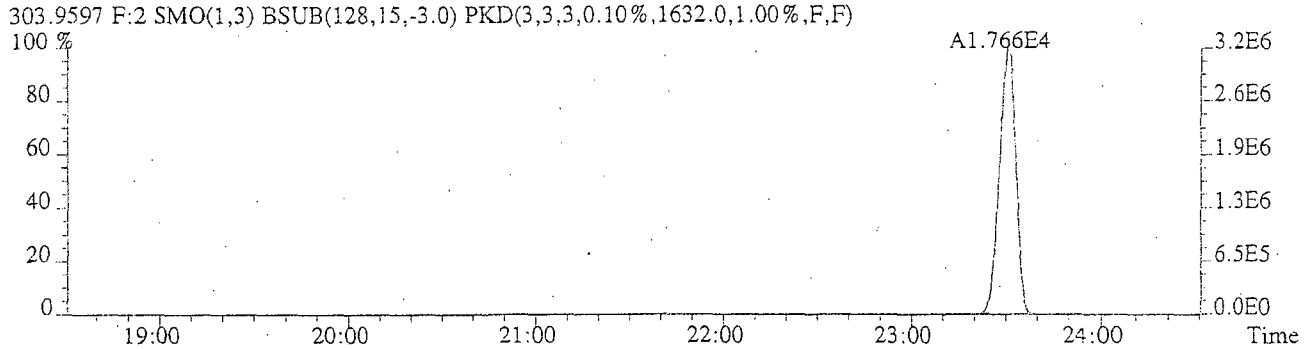
291.9194 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,944.0,1.00%,F,F)



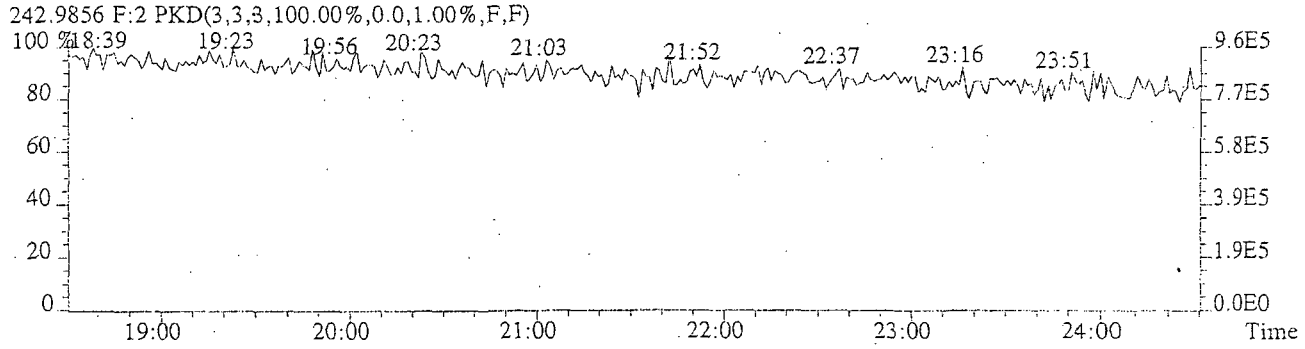
301.9626 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1432.0,1.00%,F,F)



303.9597 F:2 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1632.0,1.00%,F,F)

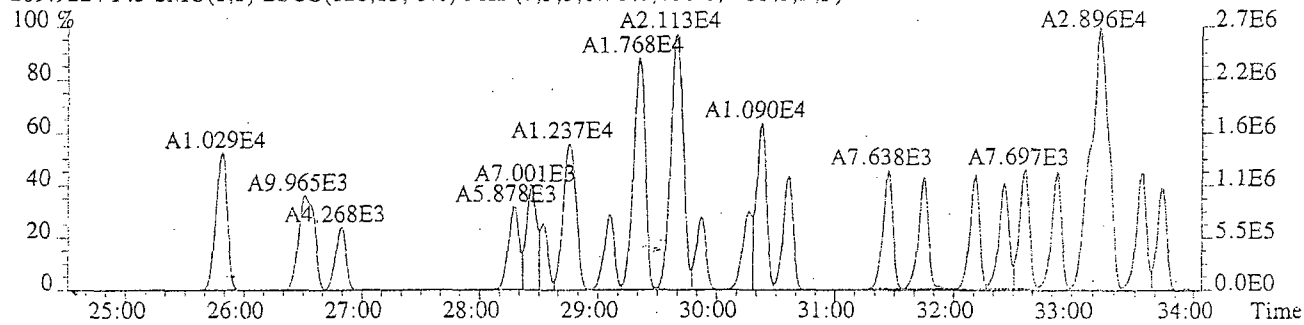


242.9856 F:2 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

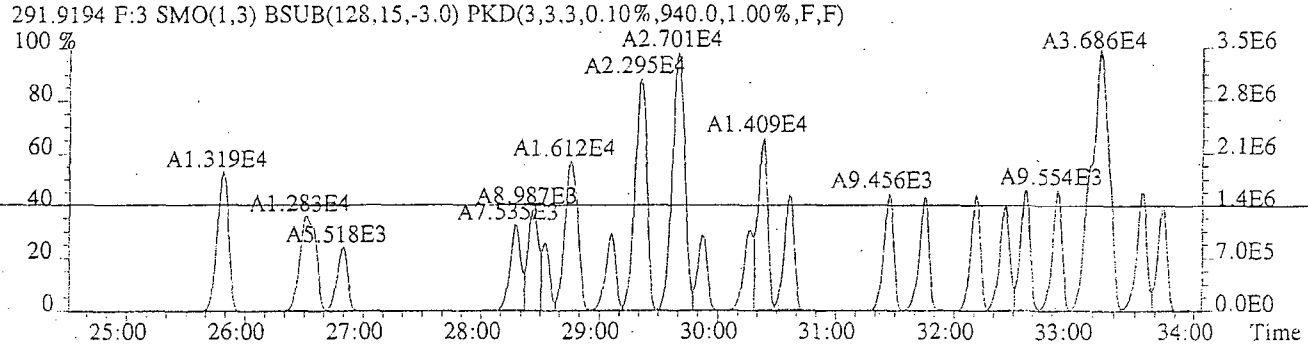


File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

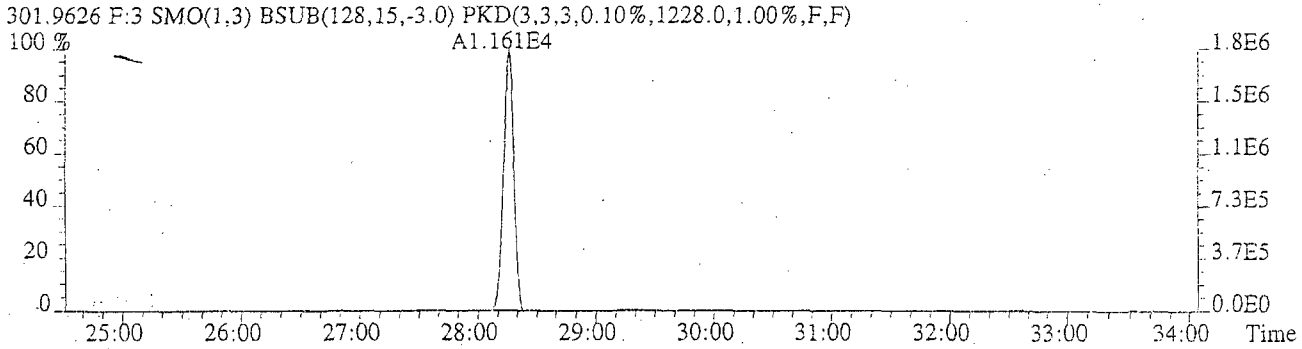
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,816.0,1.00%,F,F)



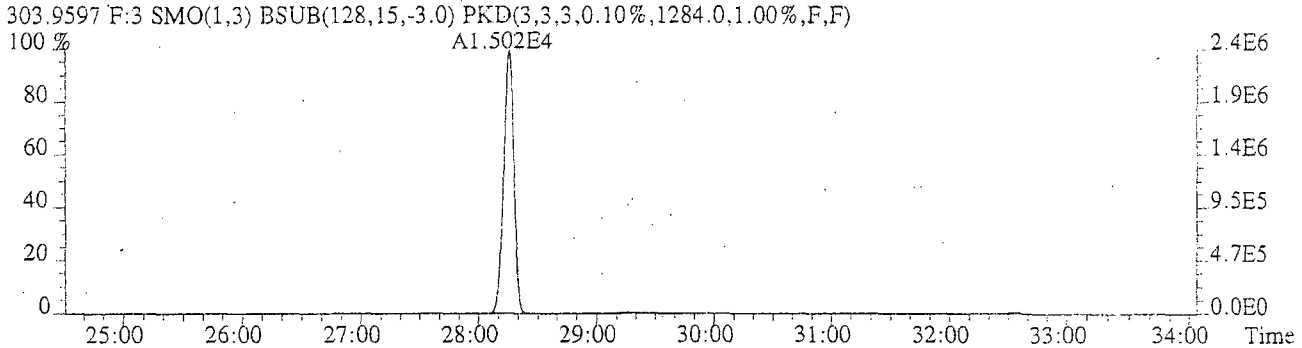
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,F)



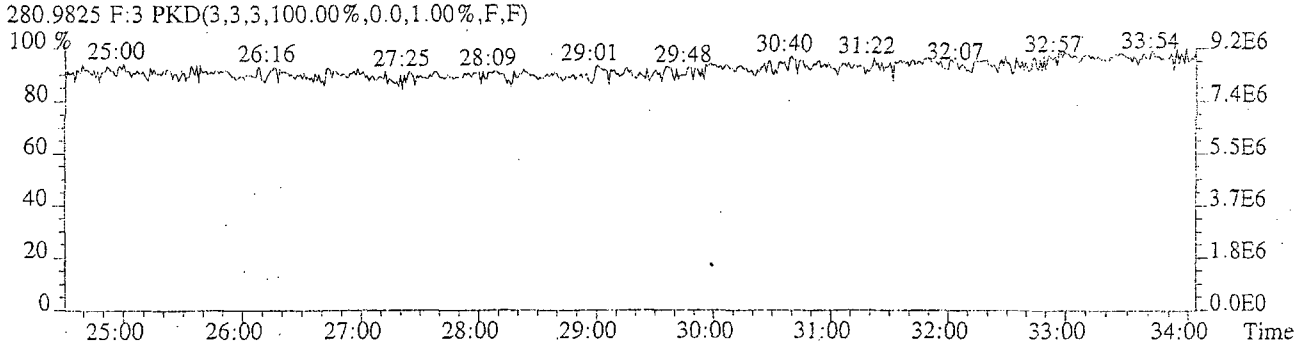
301.9626 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1228.0,1.00%,F,F)



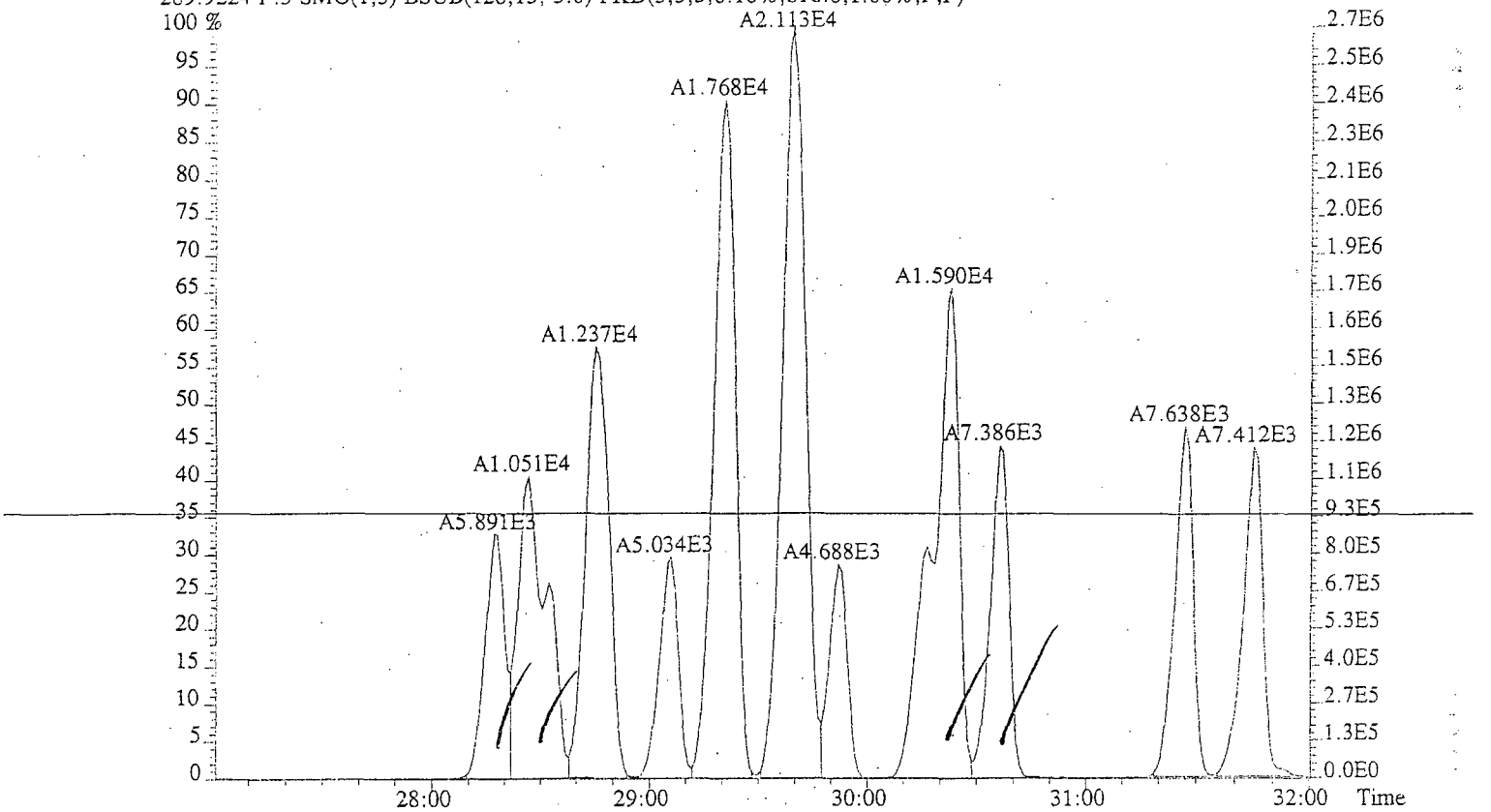
303.9597 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1284.0,1.00%,F,F)



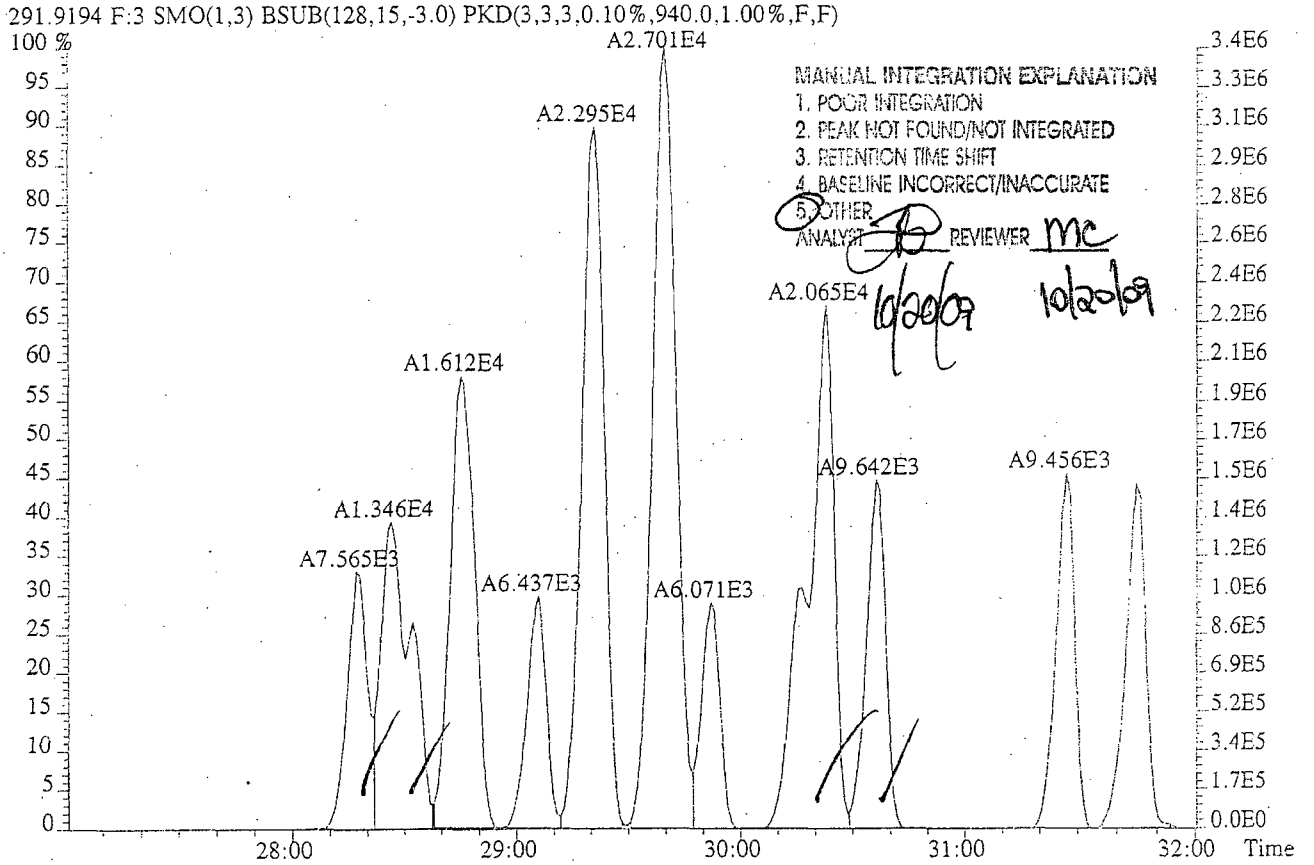
280.9825 F:3 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION
289.9224 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,816.0,1.00%,F,F)



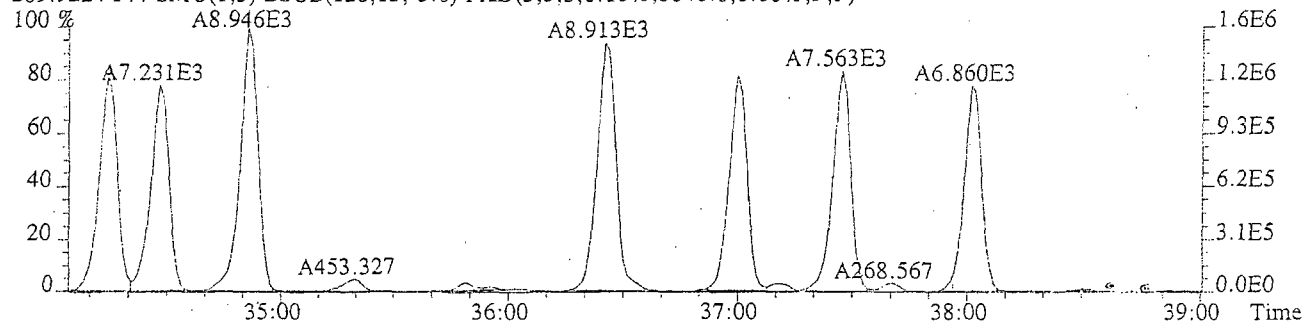
291.9194 F:3 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,F)



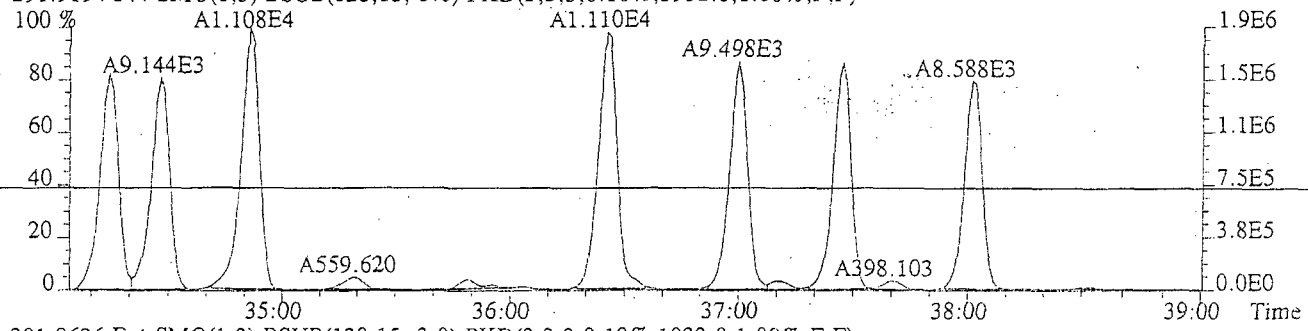
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST REVIEWER mc
10/20/09 10/20/09

File:U221015 #1-316 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

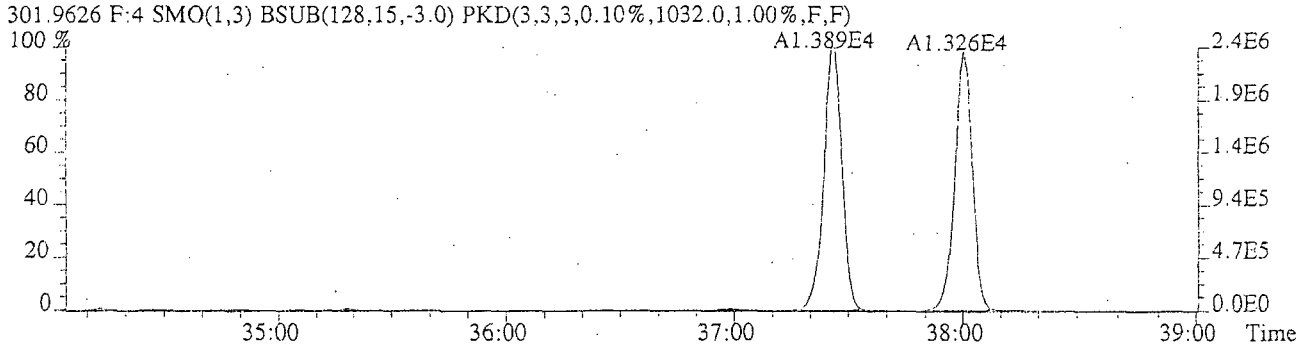
289.9224 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3040.0,1.00%,F,F)



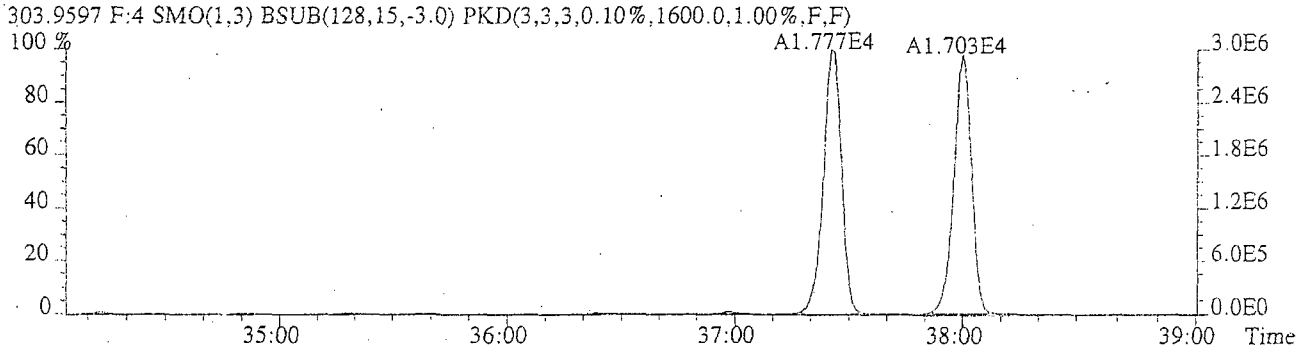
291.9194 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5932.0,1.00%,F,F)



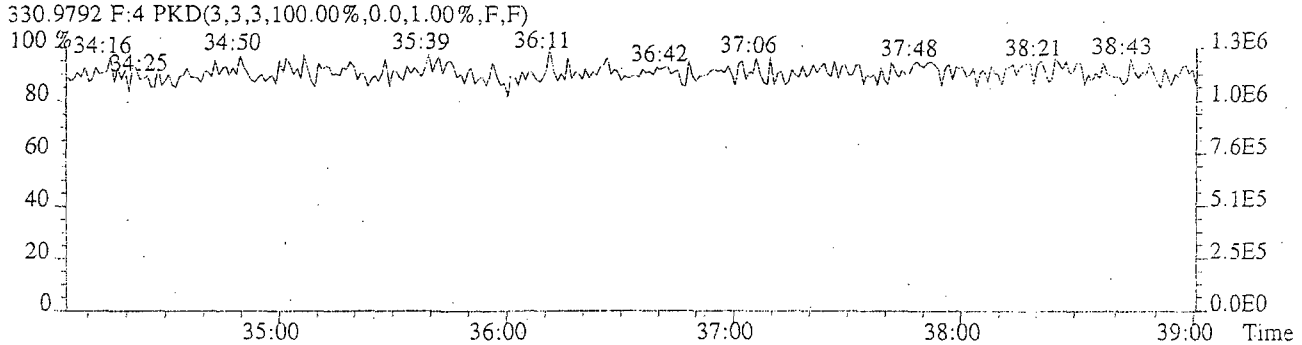
301.9626 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1032.0,1.00%,F,F)



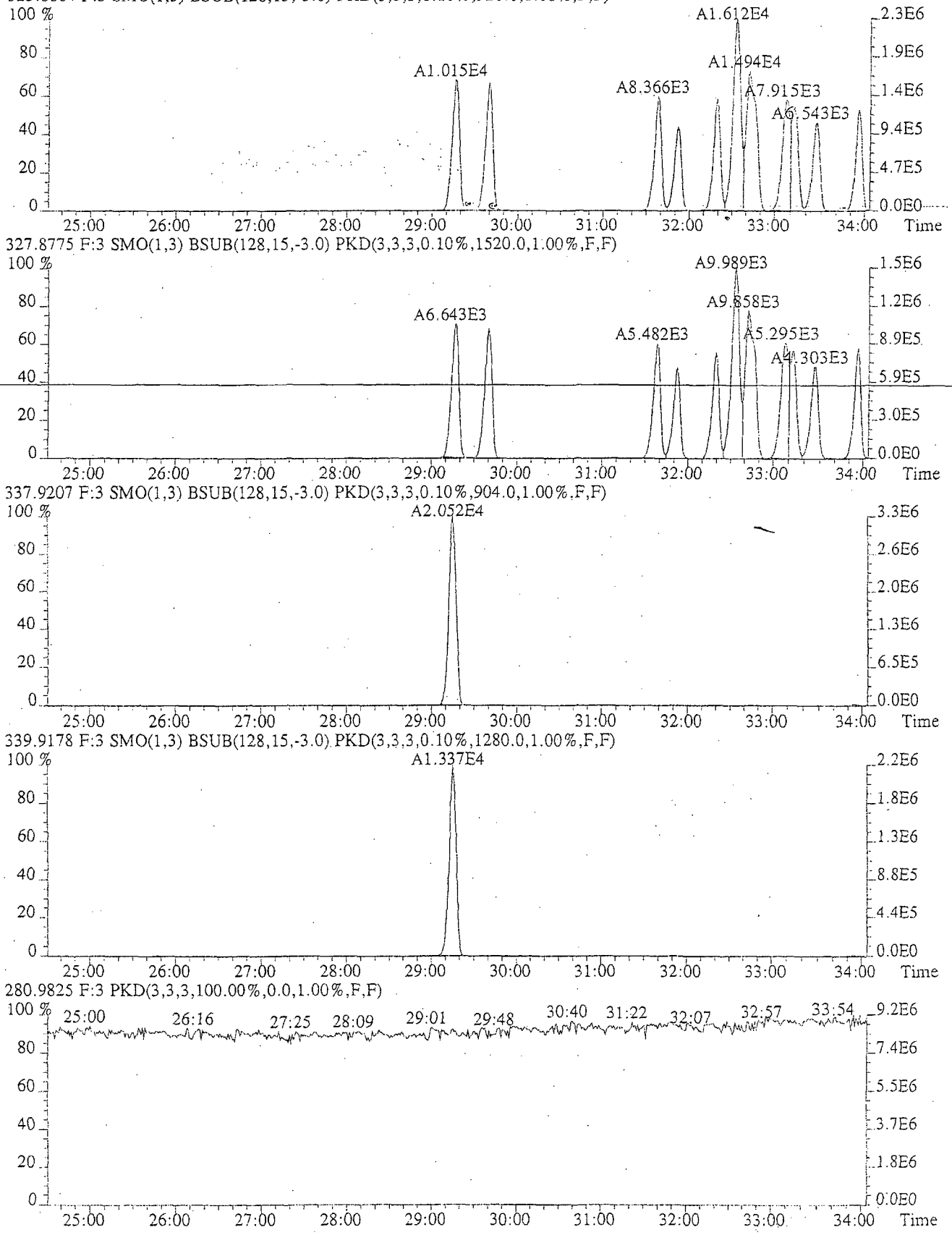
303.9597 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1600.0,1.00%,F,F)



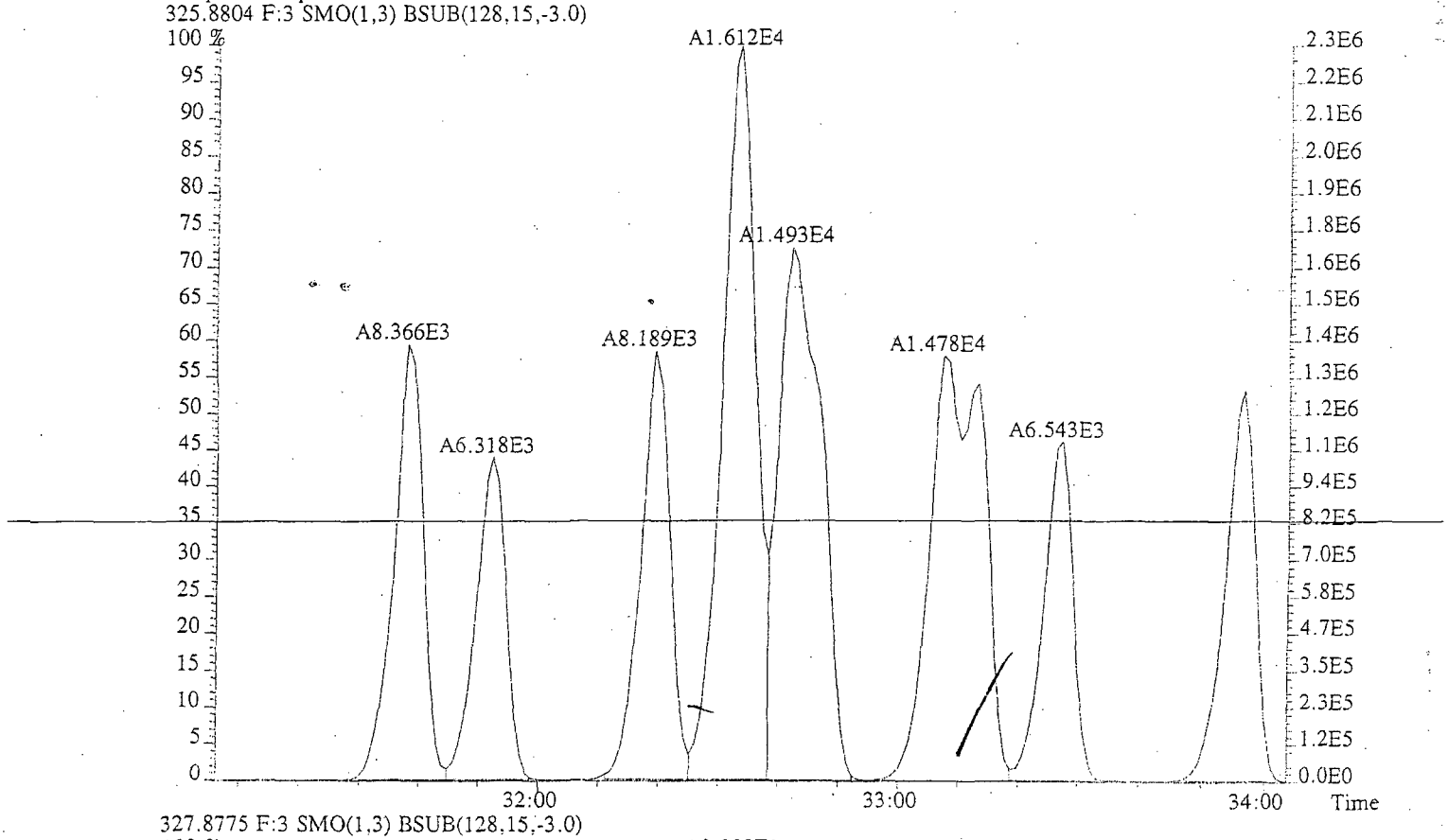
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



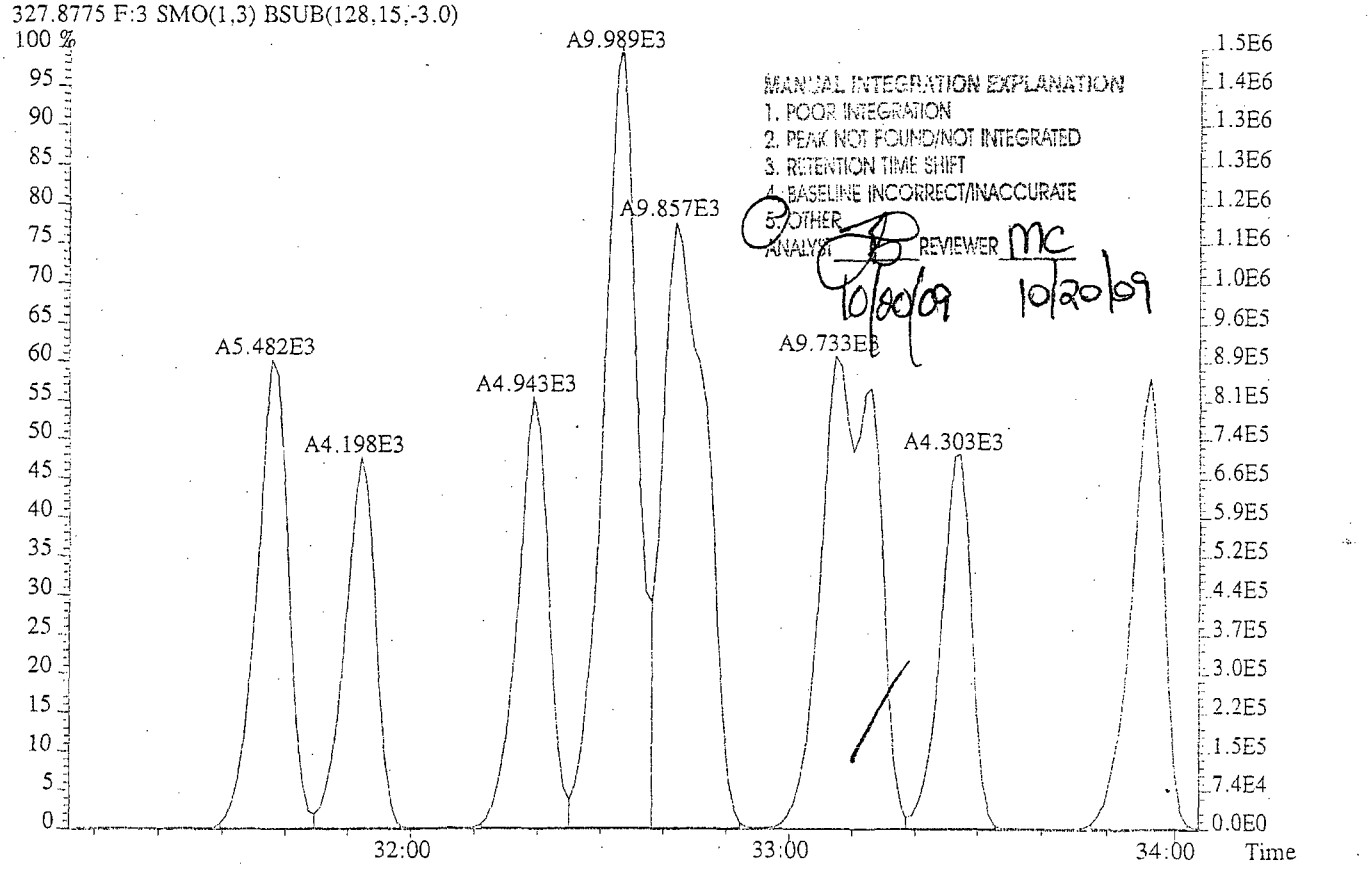
File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION



File:U221015 #1-611 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
325.8804 F:3 SMO(1,3) BSUB(128,15,-3.0)



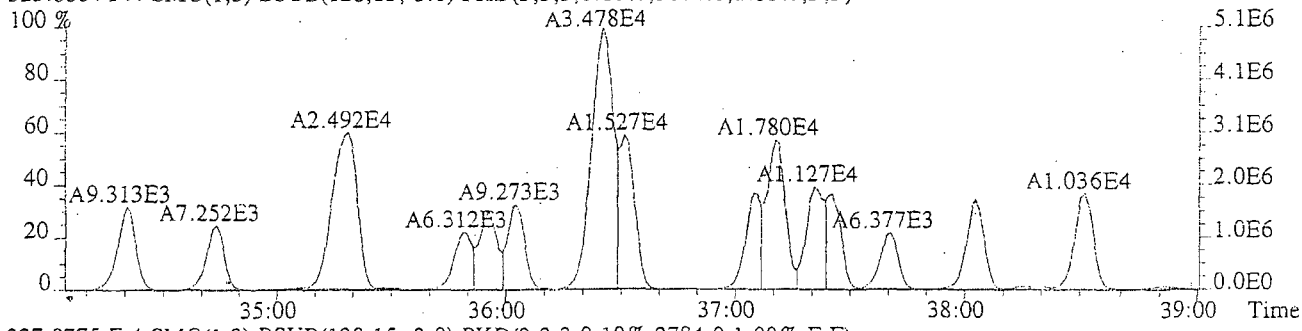
327.8775 F:3 SMO(1,3) BSUB(128,15,-3.0)



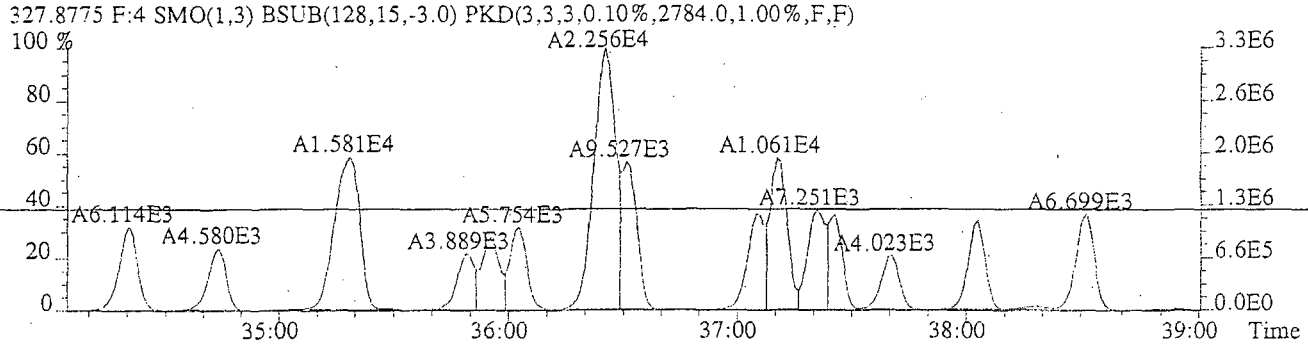
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST REVIEWER MC
10/20/09 10/20/09

File:U221015 #1-316 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

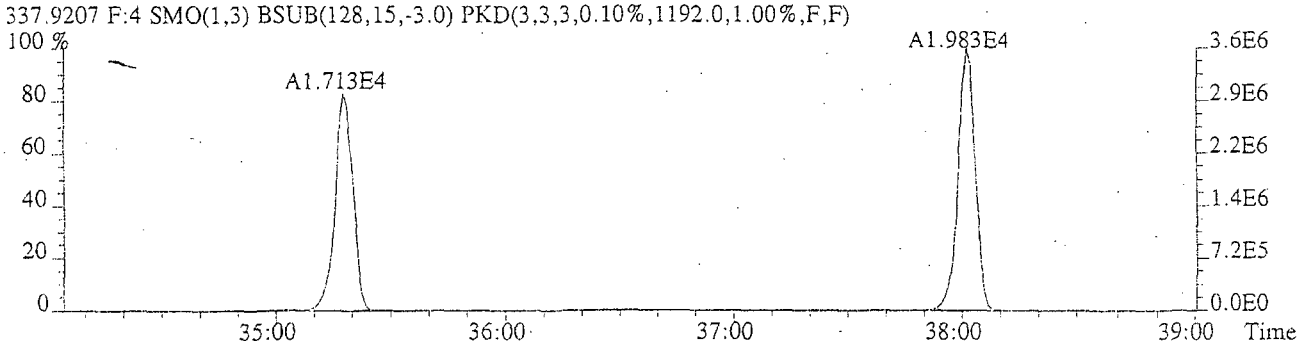
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3084.0,1.00%,F,F)



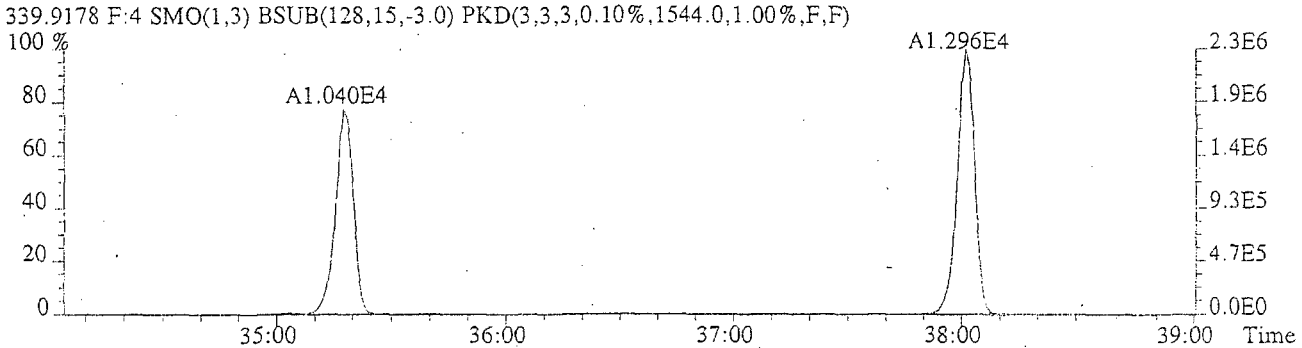
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2784.0,1.00%,F,F)



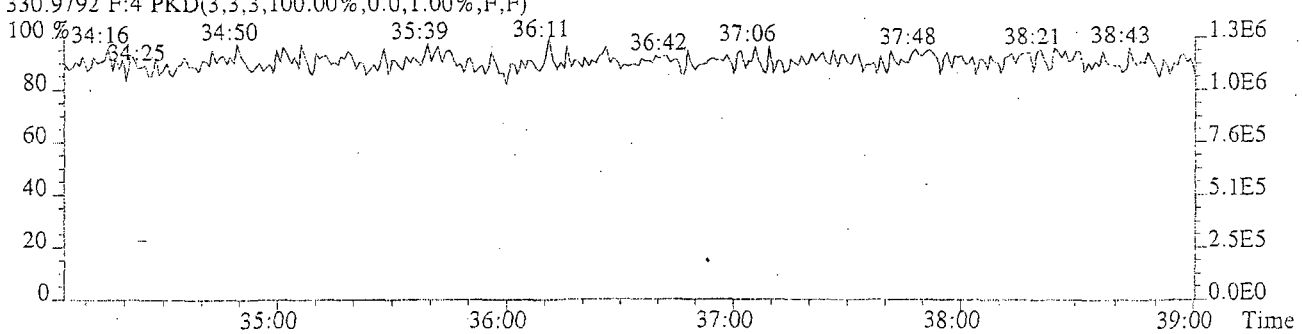
337.9207 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1192.0,1.00%,F,F)



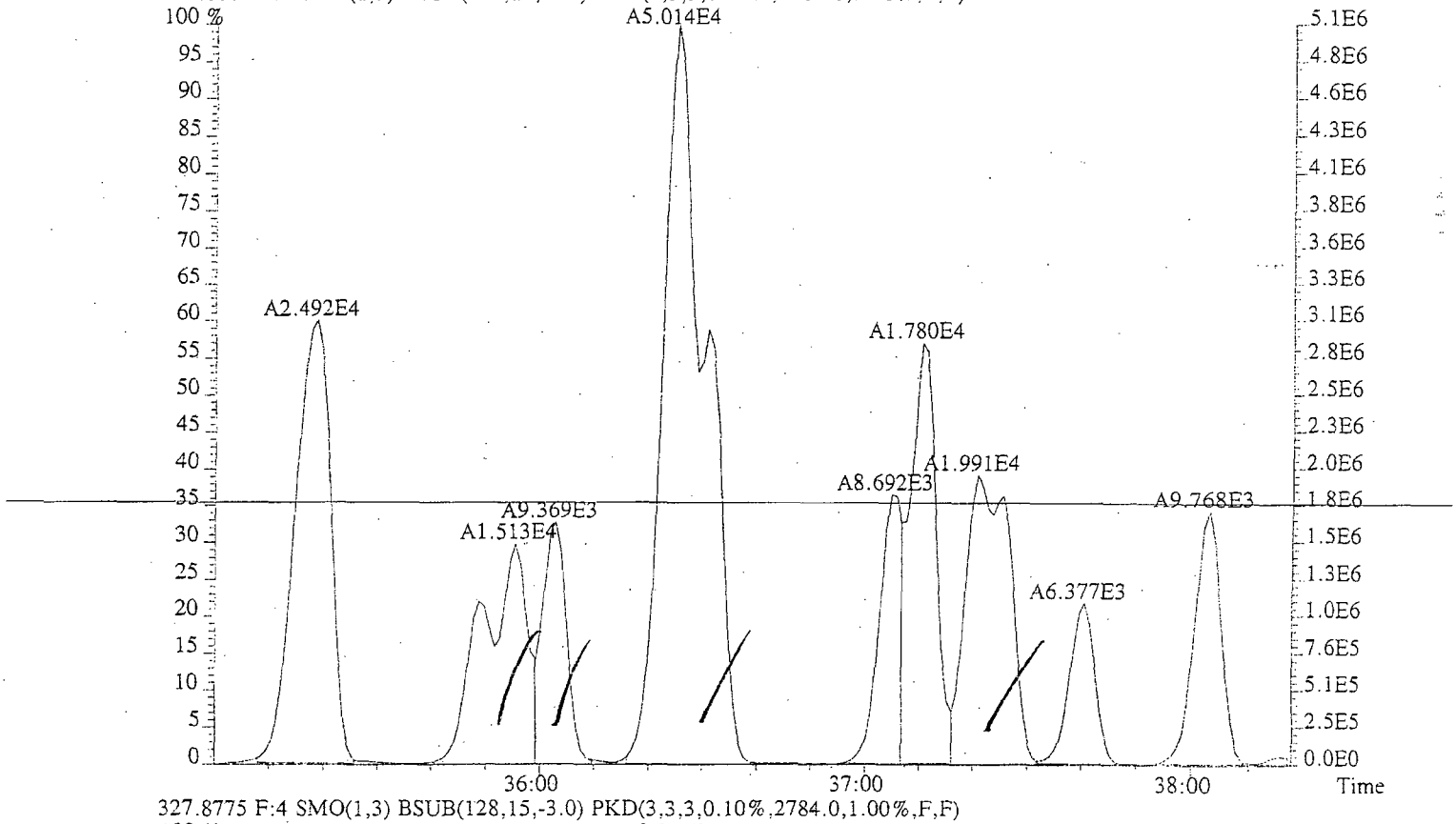
339.9178 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1544.0,1.00%,F,F)



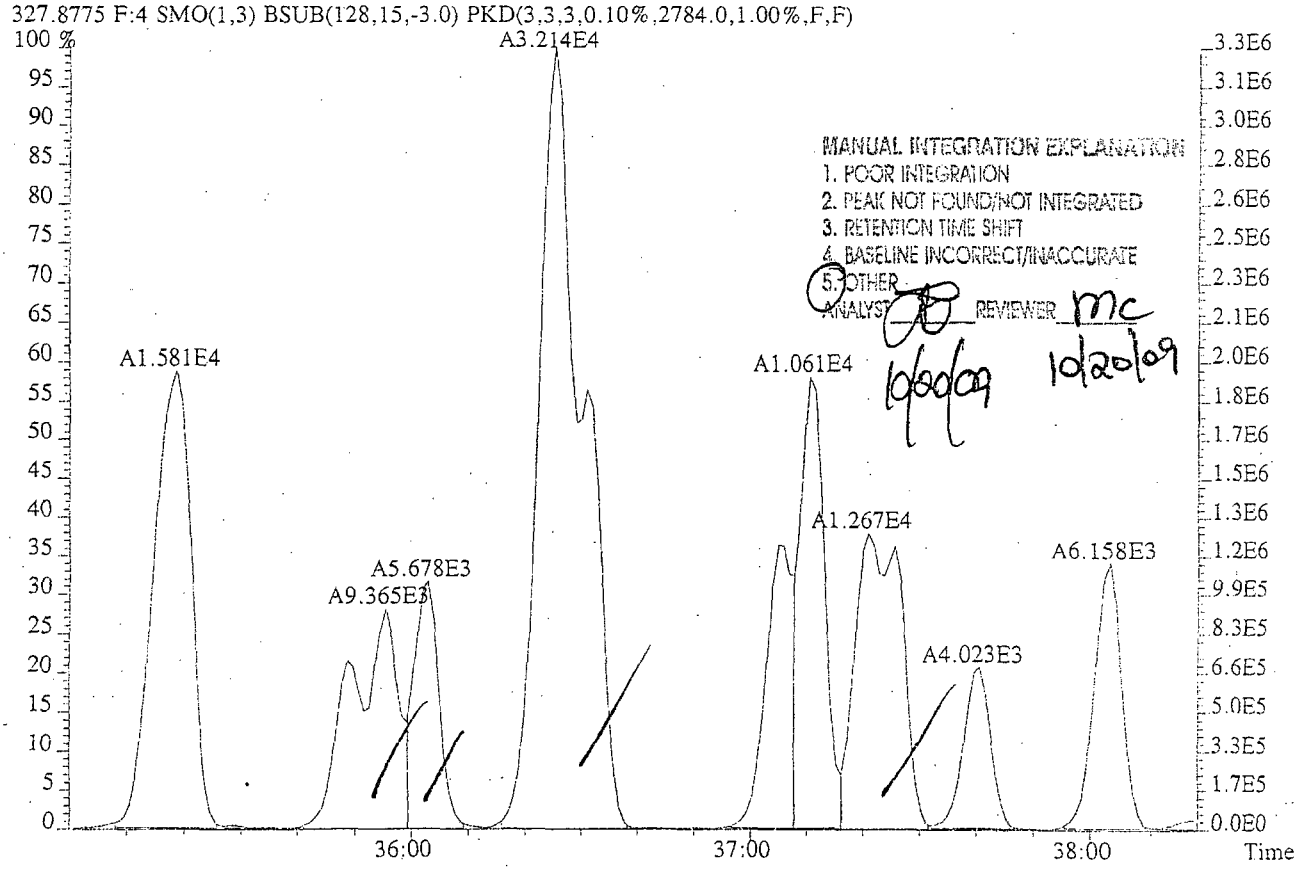
330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)



File:U221015 #1-316 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION
325.8804 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3084.0,1.00%,F,F)



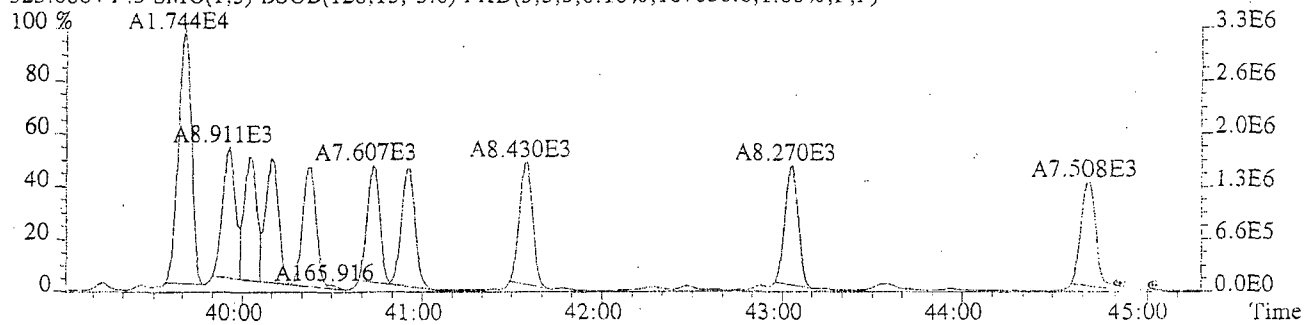
327.8775 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2784.0,1.00%,F,F)



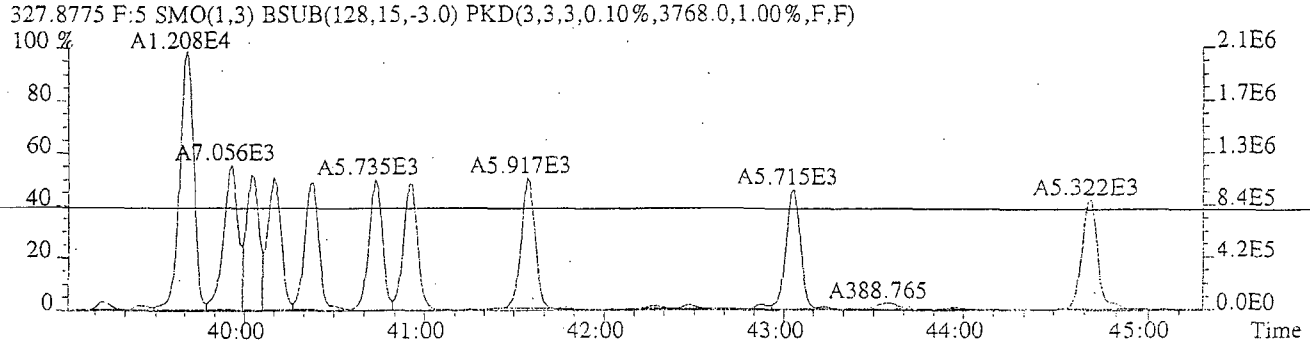
MANUAL INTEGRATION EXPLANATION
1. POOR INTEGRATION
2. PEAK NOT FOUND/NOT INTEGRATED
3. RETENTION TIME SHIFT
4. BASELINE INCORRECT/INACCURATE
5. OTHER
ANALYST REVIEWER mc
10/20/09
10/20/09

File:U221015 #1-402 Acq:19-OCT-2009 10:47:32 Probe El+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

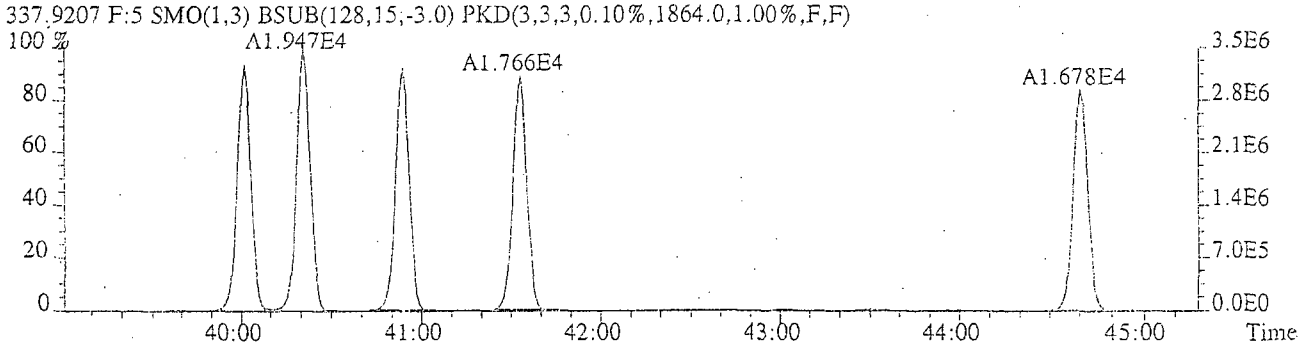
325.8804 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,107036.0,1.00%,F,F)



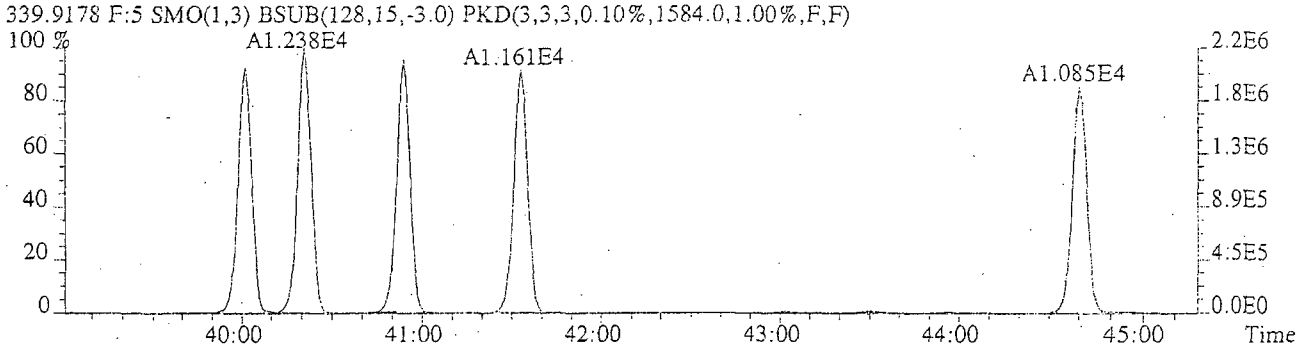
327.8775 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3768.0,1.00%,F,F)



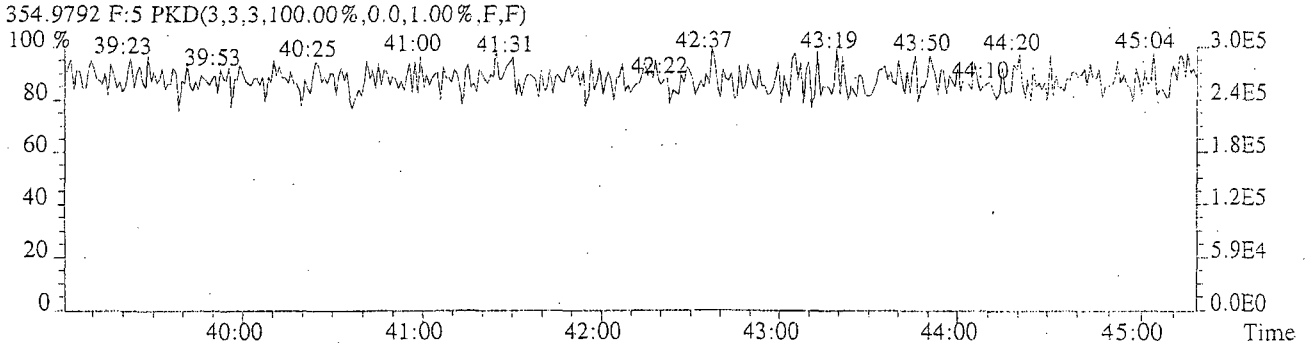
337.9207 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1864.0,1.00%,F,F)



339.9178 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1584.0,1.00%,F,F)

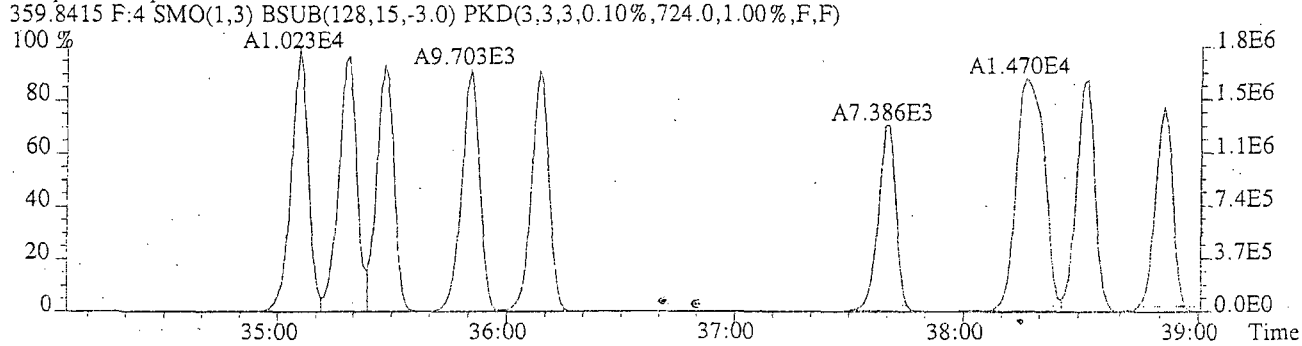


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

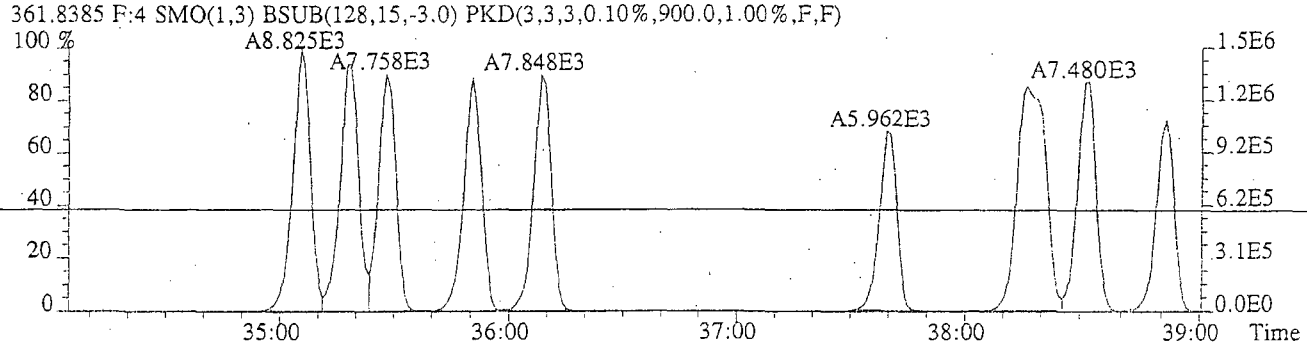


File:U221015 #1-316 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION

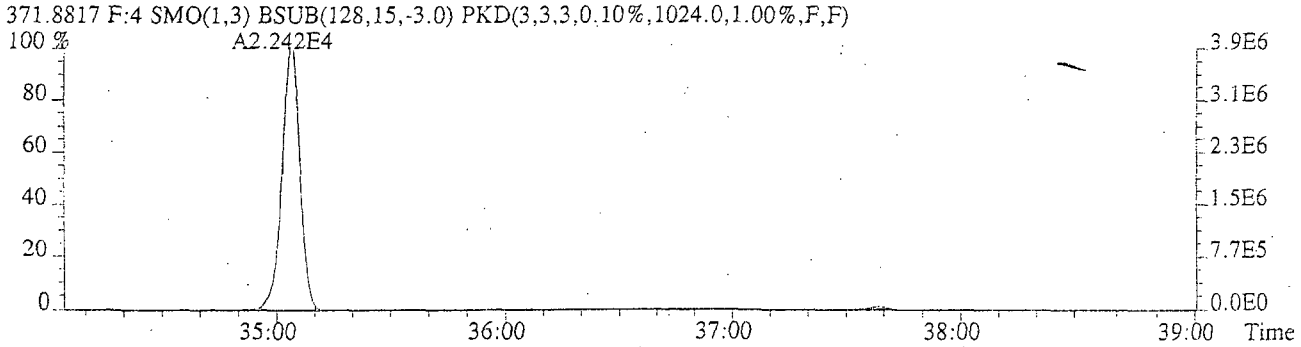
359.8415 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,724.0,1.00%,F,F)



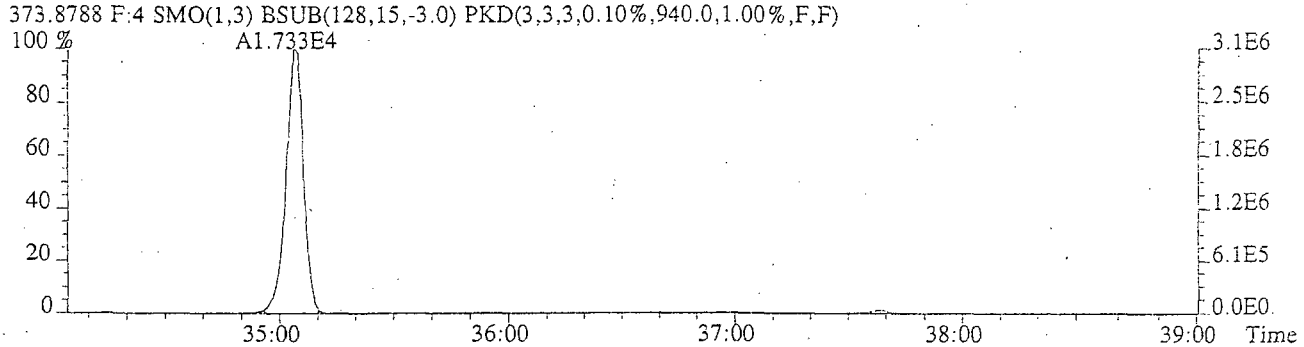
361.8385 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,900.0,1.00%,F,F)



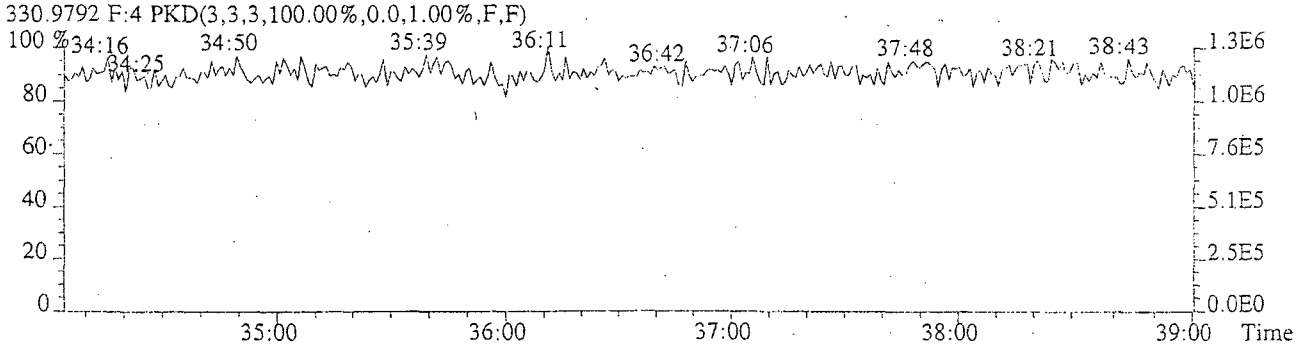
371.8817 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1024.0,1.00%,F,F)



373.8788 F:4 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,940.0,1.00%,F,F)

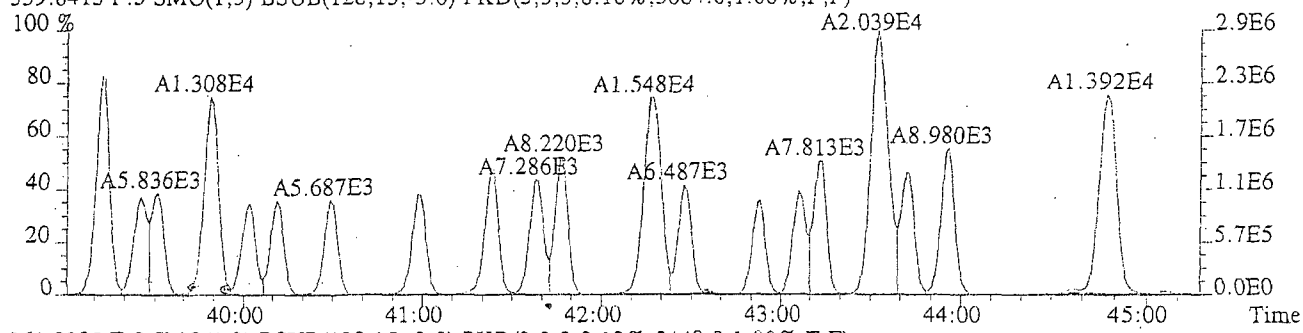


330.9792 F:4 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

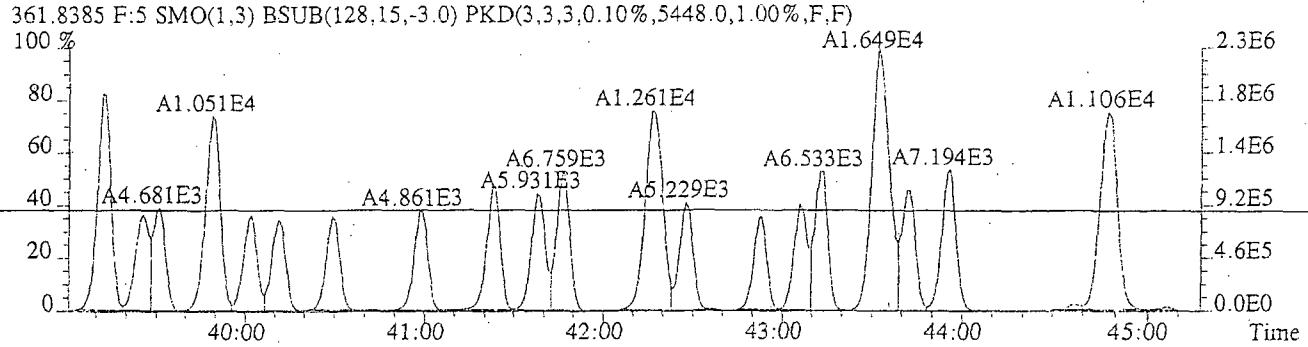


File:U221015 #1-402 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

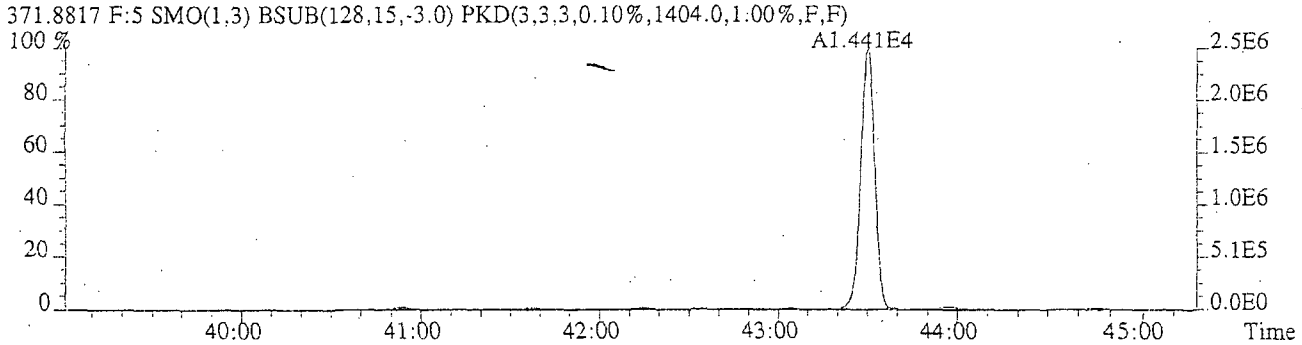
359.8415 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,3084.0,1.00%,F,F)



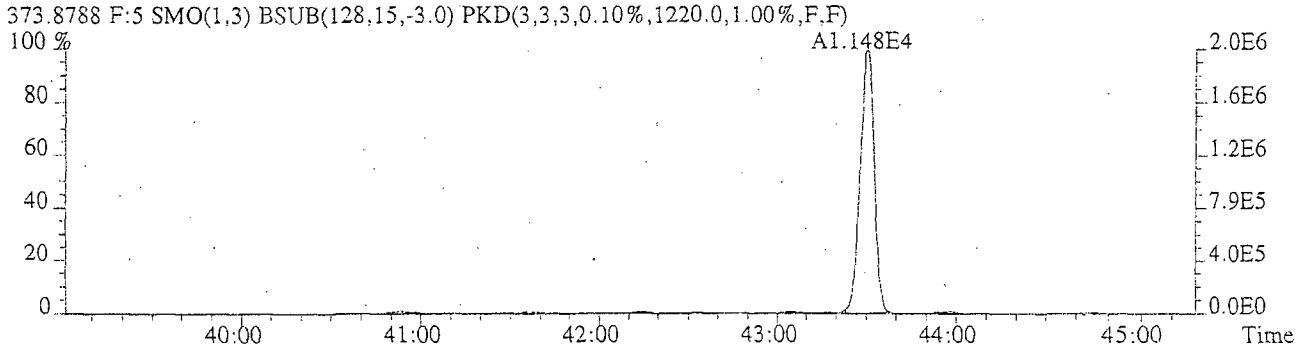
361.8385 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,5448.0,1.00%,F,F)



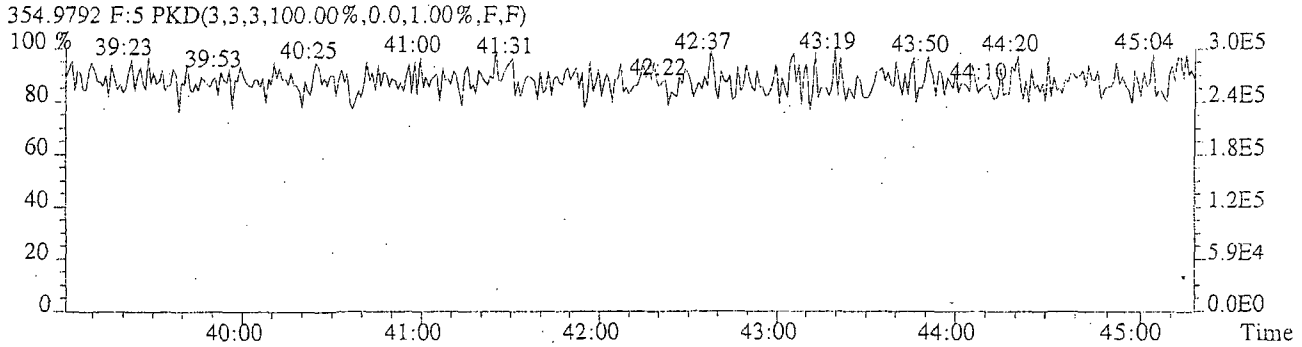
371.8817 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1404.0,1.00%,F,F)



373.8788 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1220.0,1.00%,F,F)

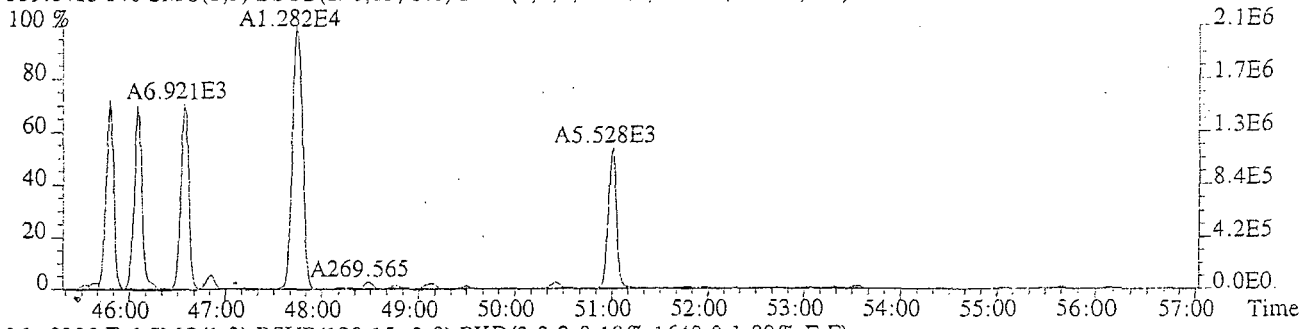


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

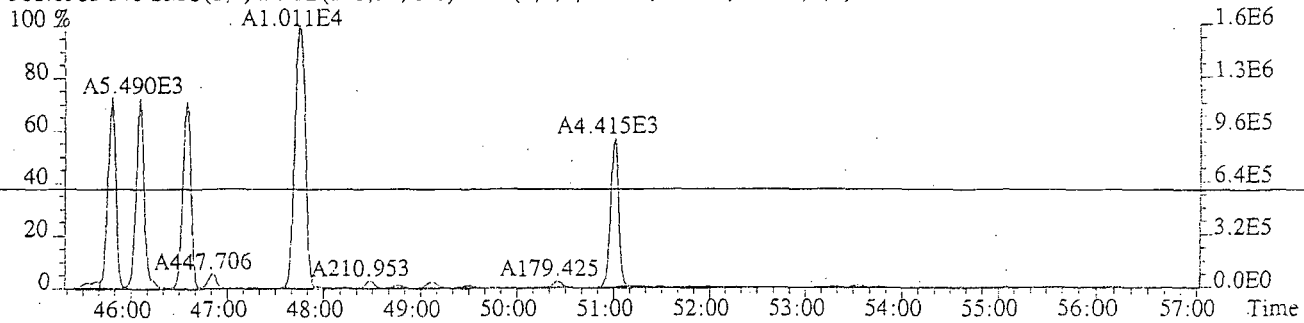


File:U221015 #1-581 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectr
Sample#1 Exp:PCB 209 INJECTION

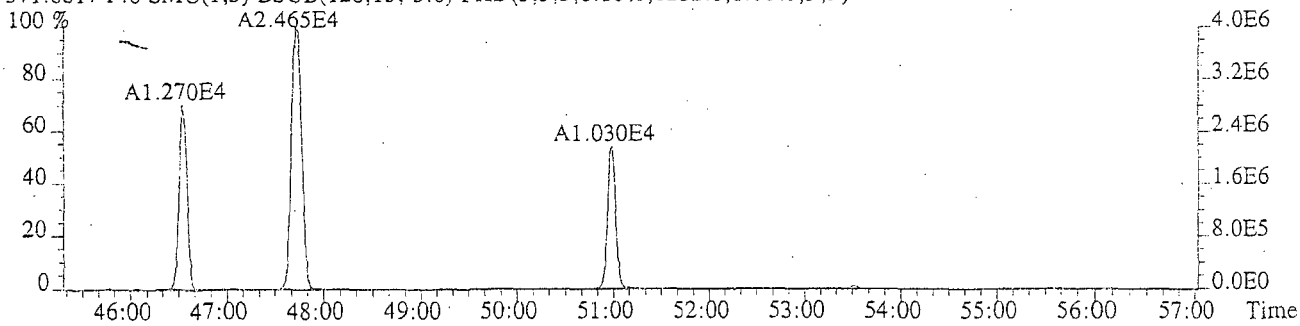
359.8415 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,2276.0,1.00%,F,F)



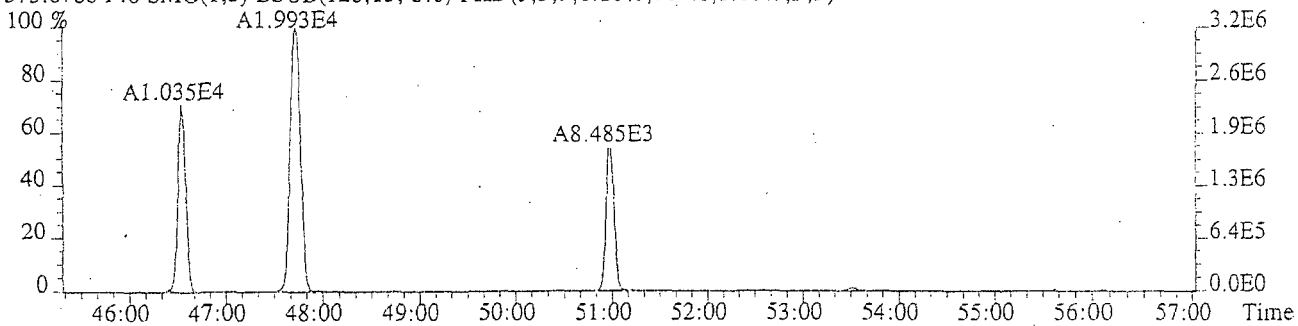
361.8385 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1640.0,1.00%,F,F)



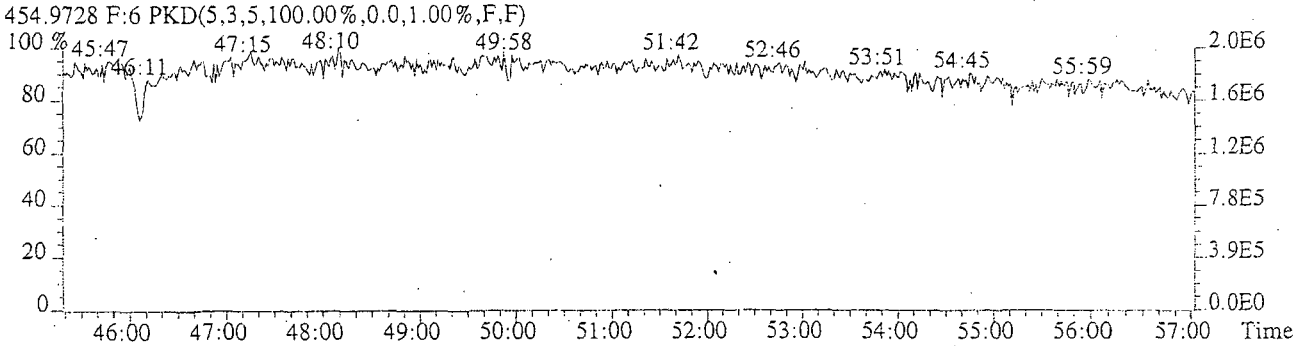
371.8817 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1252.0,1.00%,F,F)



373.8788 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,704.0,1.00%,F,F)

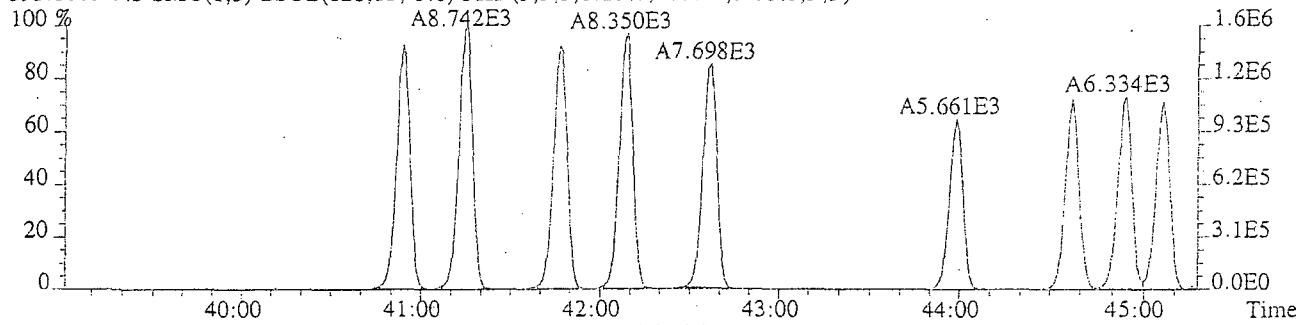


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

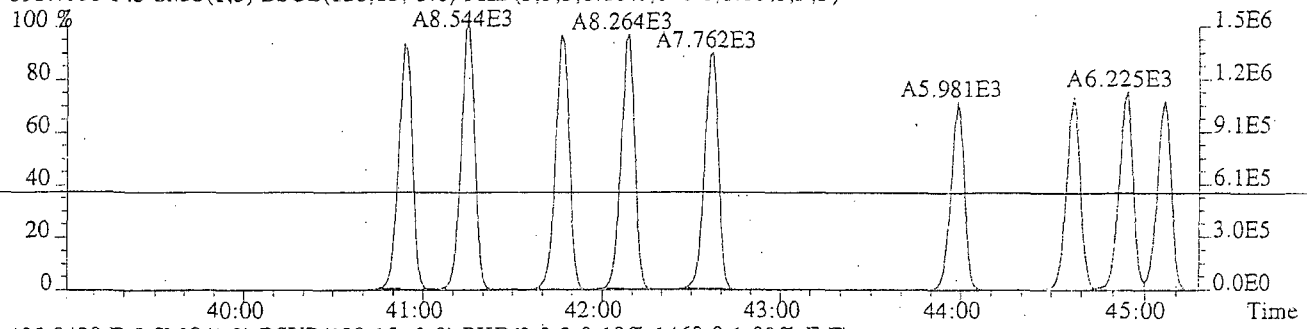


File:U221015 #1-402 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

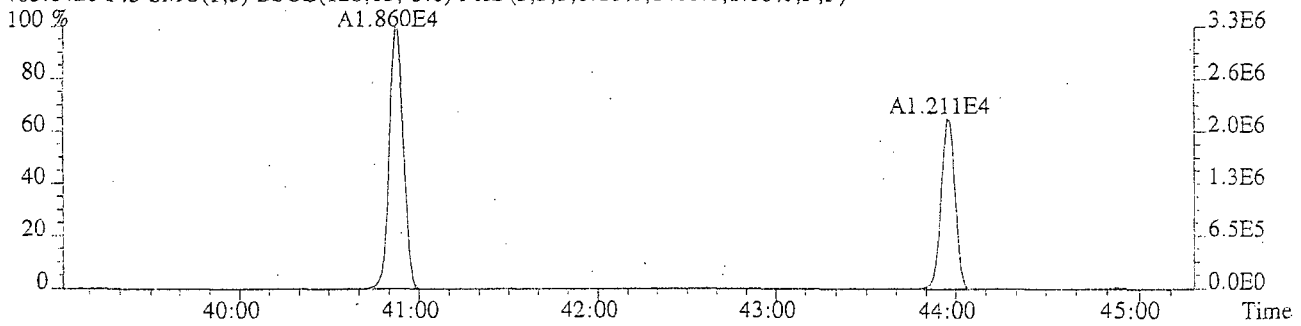
393.8025 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1000.0,1.00%,F,F)



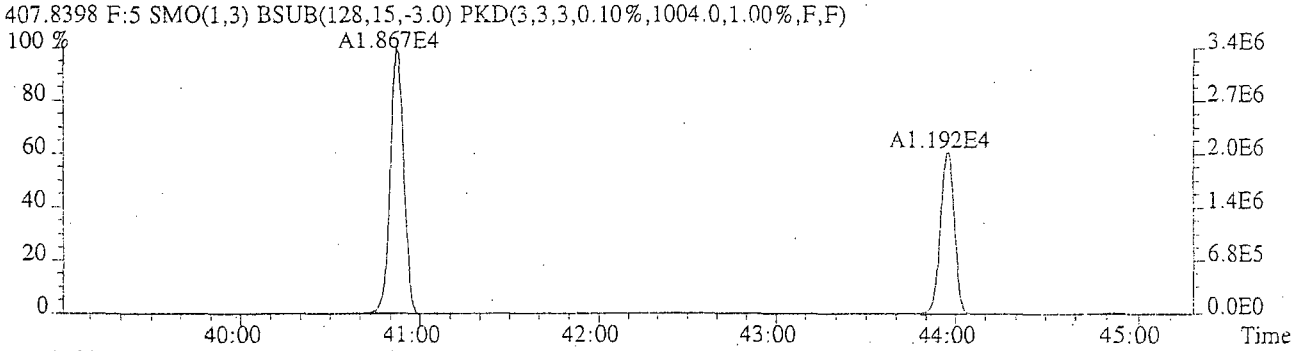
395.7995 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,876.0,1.00%,F,F)



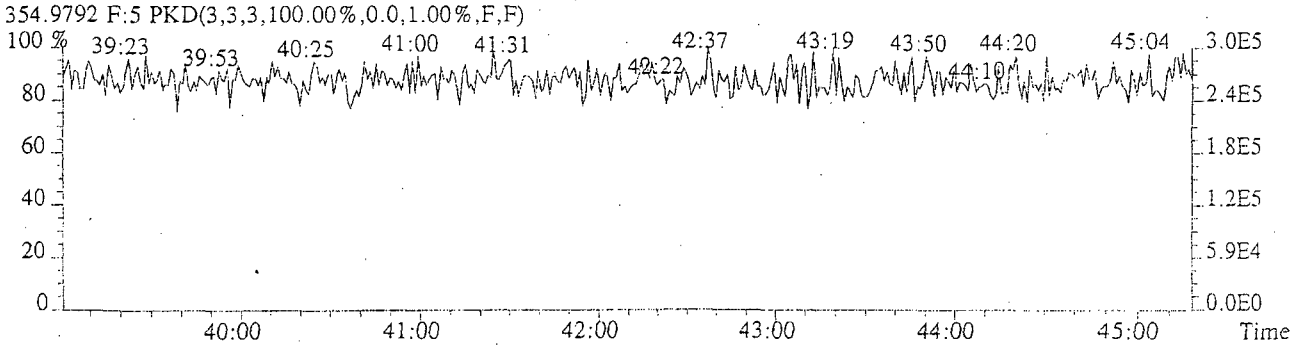
405.8428 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1460.0,1.00%,F,F)



407.8398 F:5 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1004.0,1.00%,F,F)

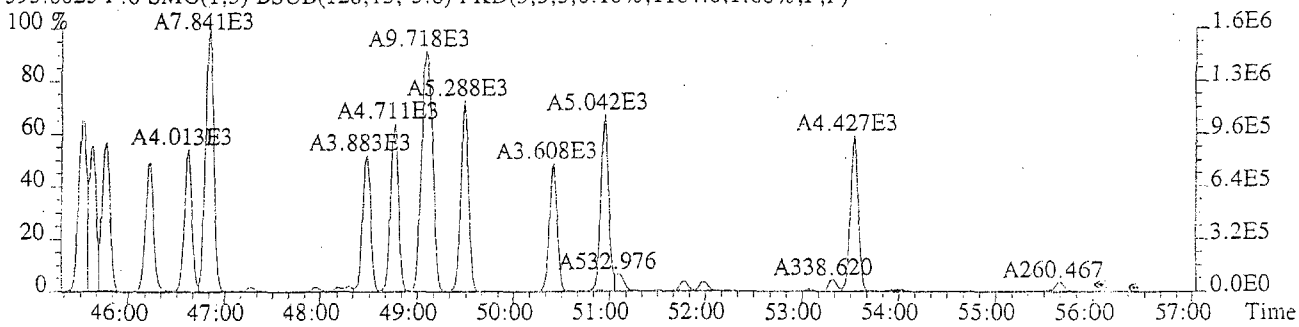


354.9792 F:5 PKD(3,3,3,100.00%,0.0,1.00%,F,F)

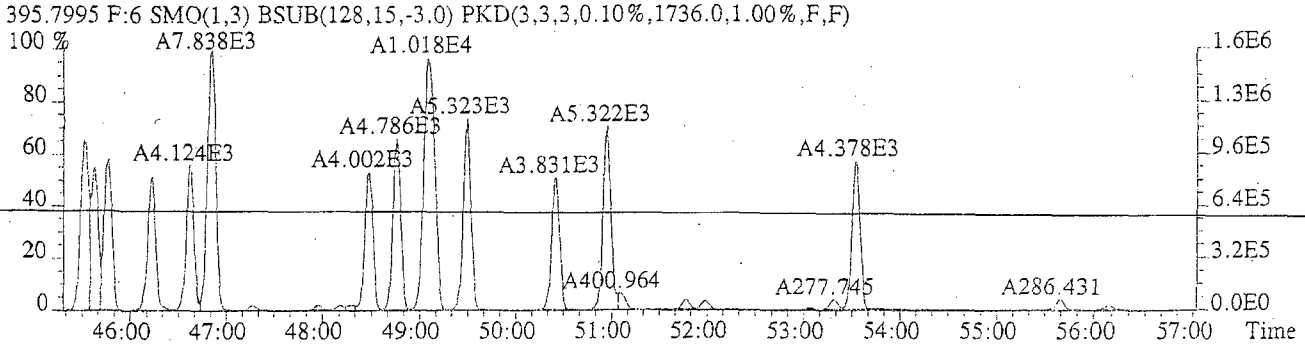


File:U221015 #1-581 Acq:19-OCT-2009 10:47:32 Probe El+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

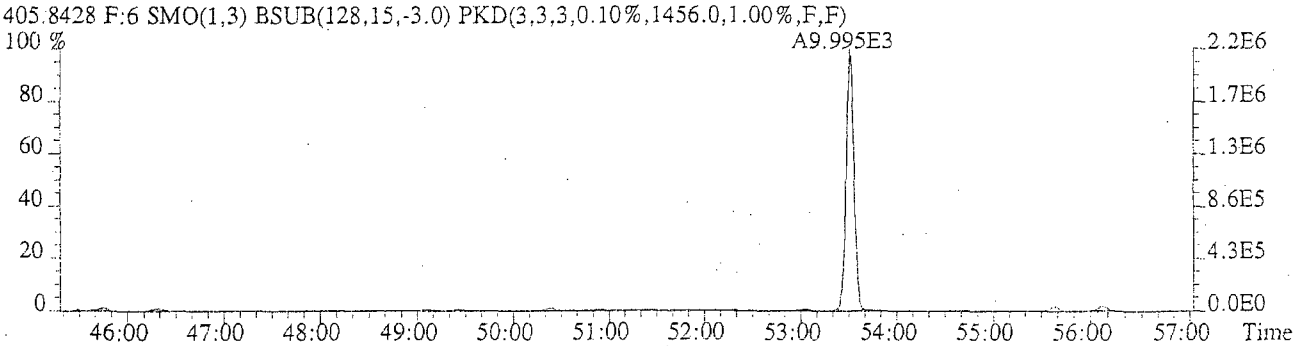
393.8025 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1184.0,1.00%,F,F)



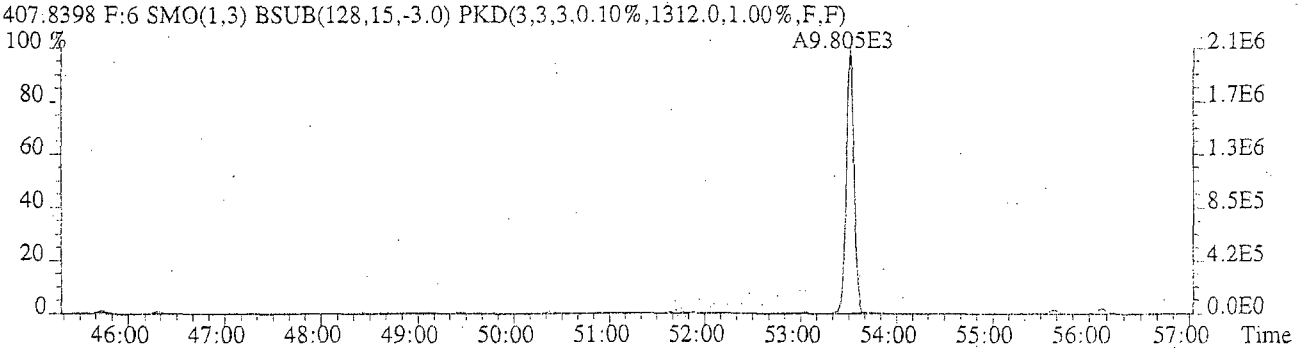
395.7995 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1736.0,1.00%,F,F)



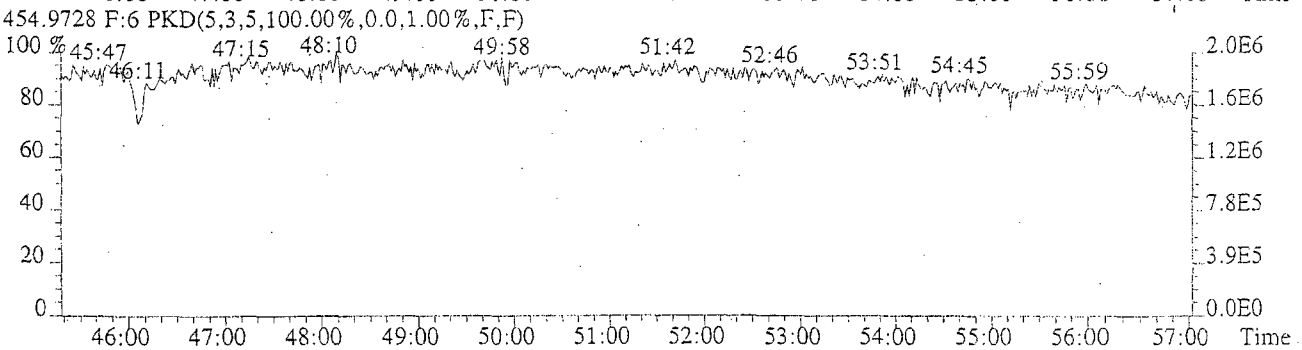
405.8428 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1456.0,1.00%,F,F)



407.8398 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,1312.0,1.00%,F,F)

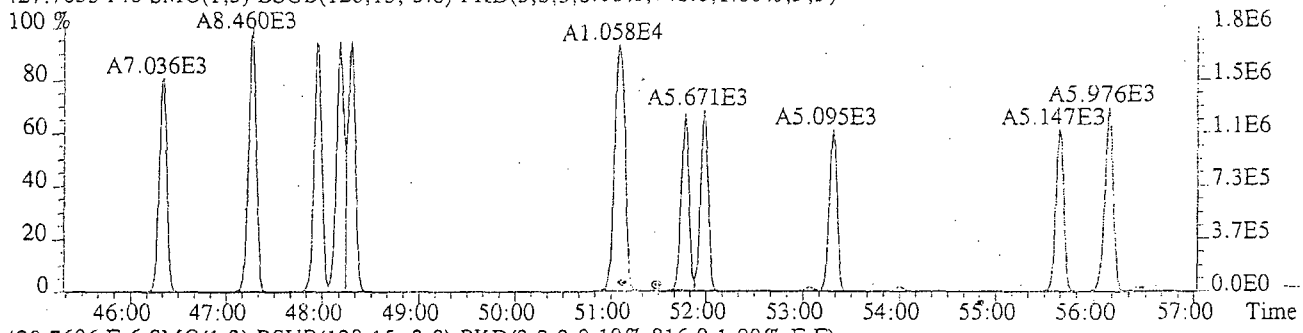


454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)

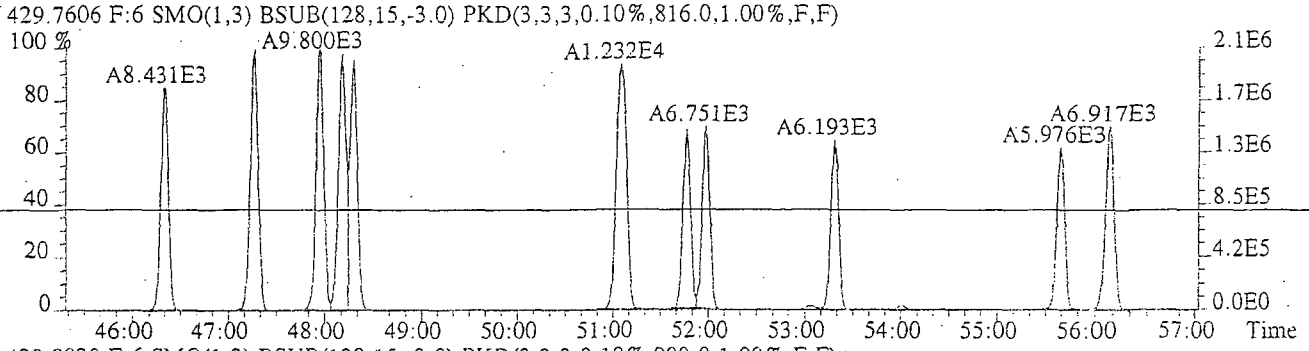


File:U221015 #1-581 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

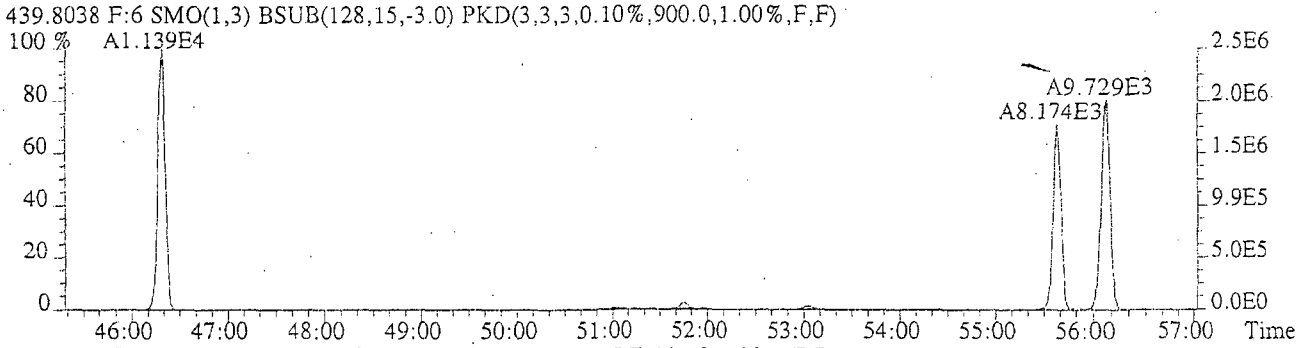
427.7635 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,748.0,1.00%,F,F)



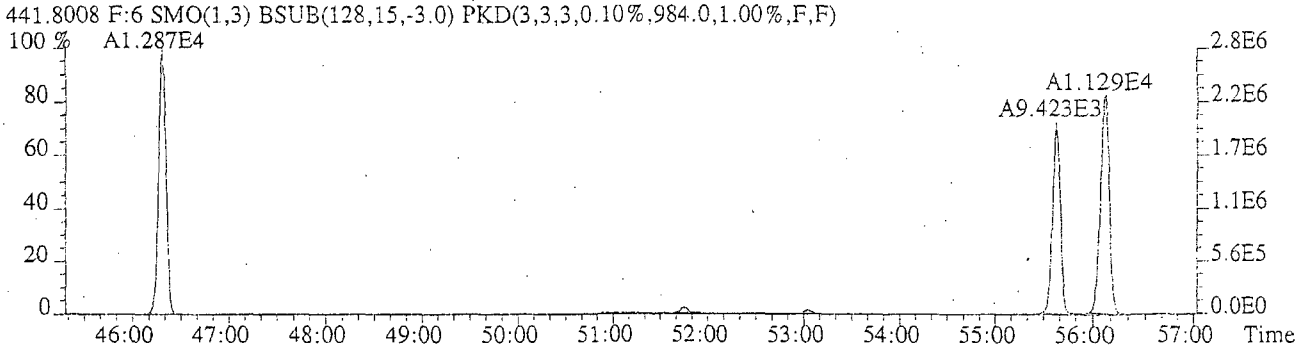
429.7606 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,816.0,1.00%,F,F)



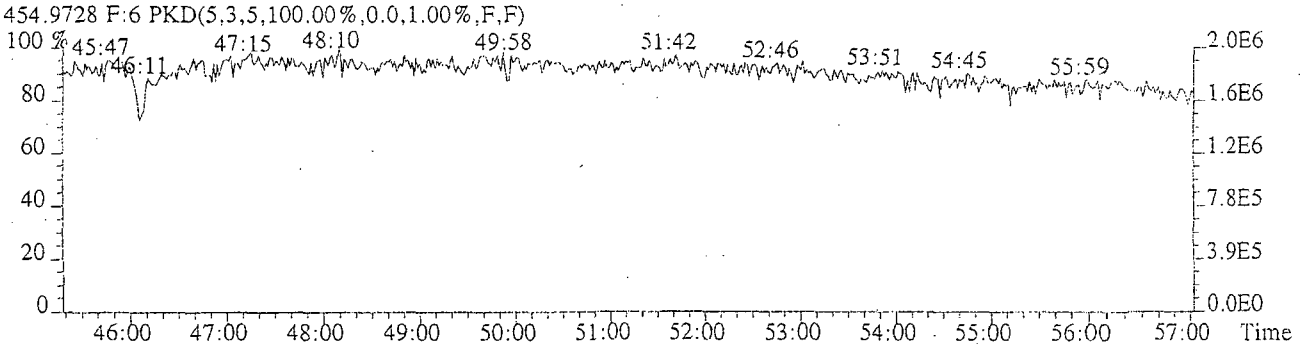
439.8038 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,900.0,1.00%,F,F)



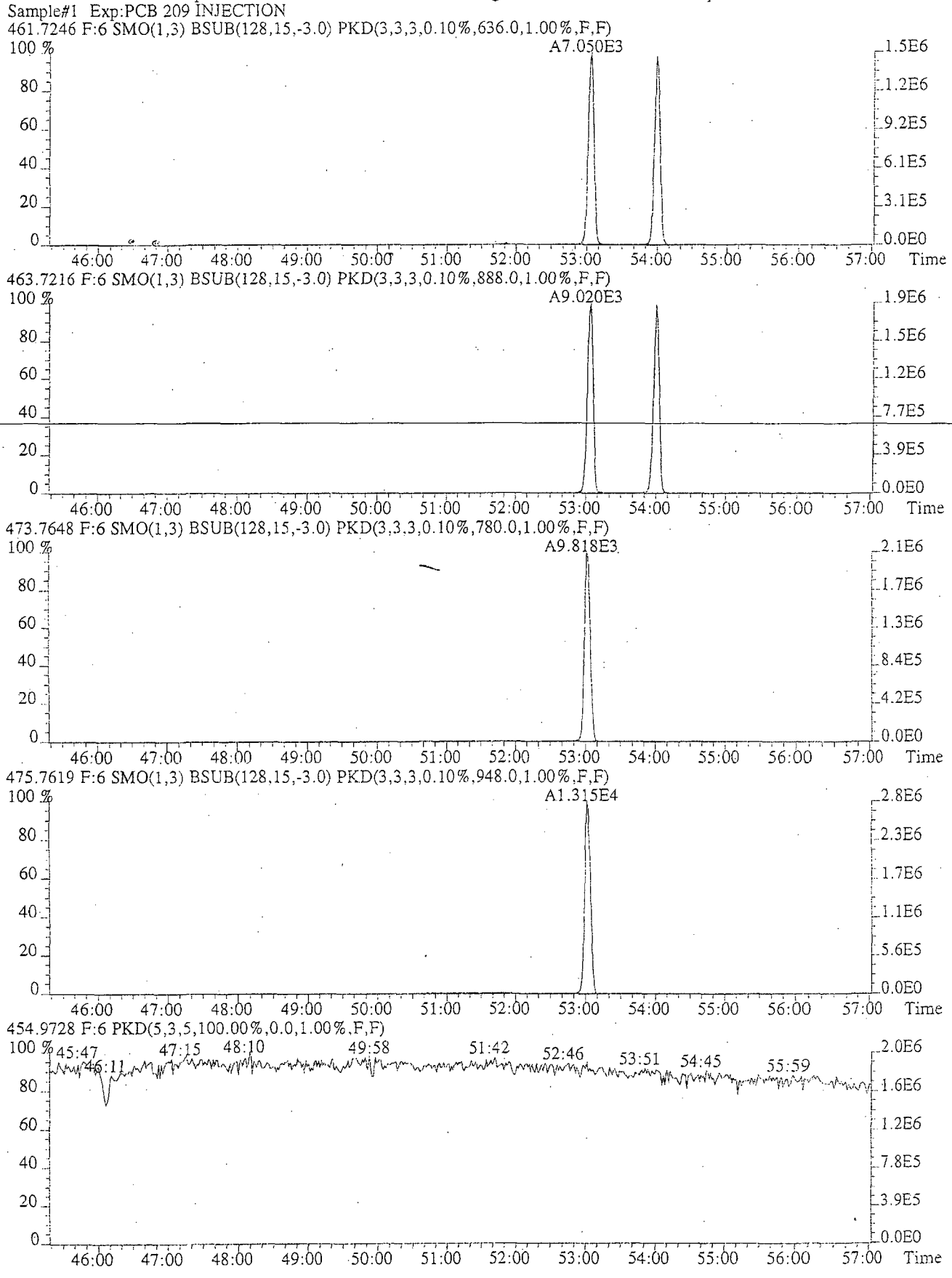
441.8008 F:6 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,984.0,1.00%,F,F)



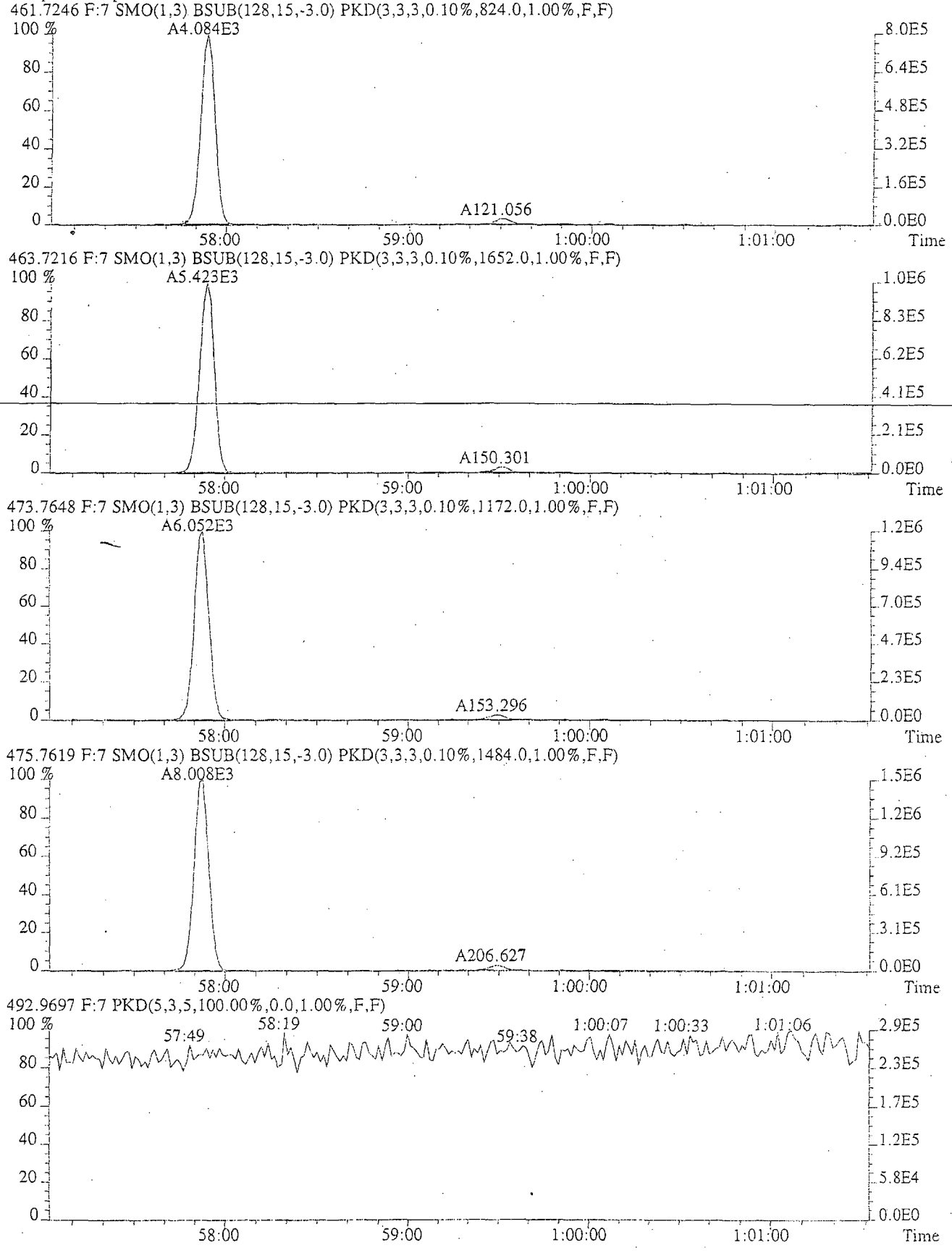
454.9728 F:6 PKD(5,3,5,100.00%,0.0,1.00%,F,F)



File:U221015 #1-581 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spect£
Sample#1 Exp:PCB 209 INJECTION

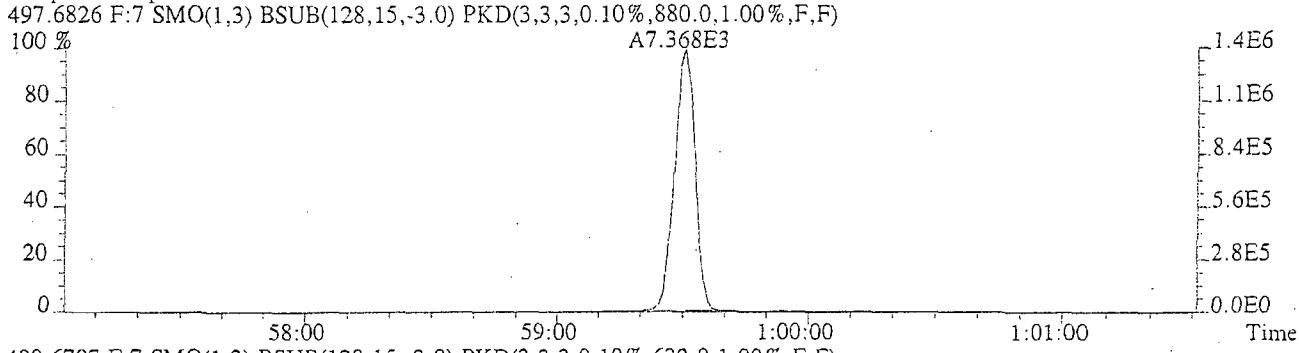


File:U221015 #1-253 Acq:19-OCT-2009 10:47:32 Probe EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

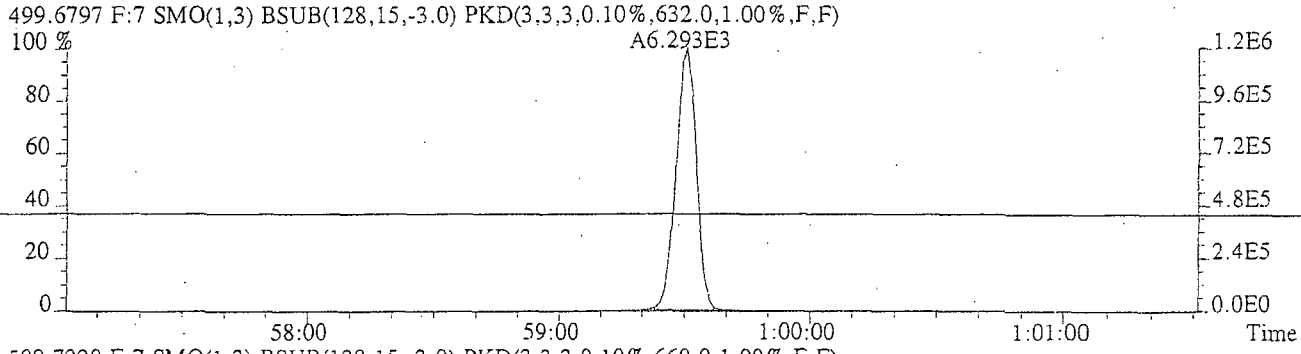


File:U221015 #1-253 Acq:19-OCT-2009 10:47:32 Probe:EI+ Magnet SIR VG BioTech Mass spectf
Sample#1 Exp:PCB 209 INJECTION

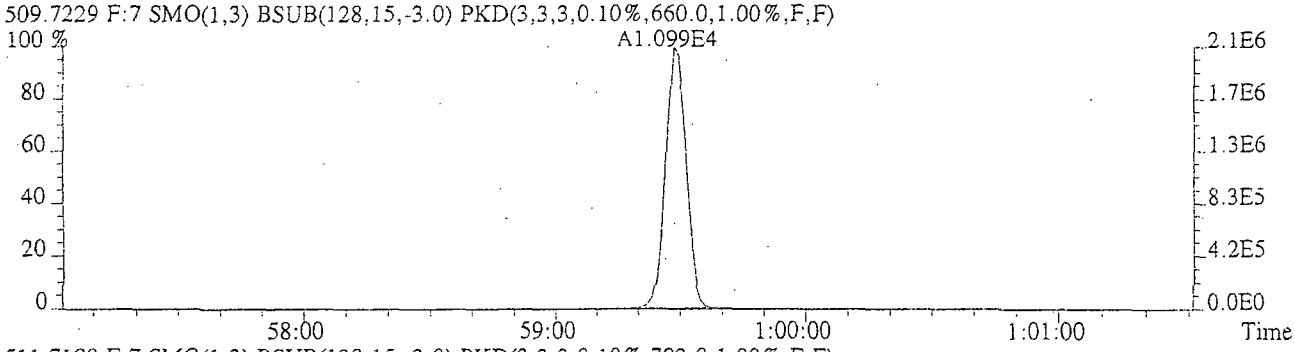
497.6826 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,880.0,1.00%,F,F)



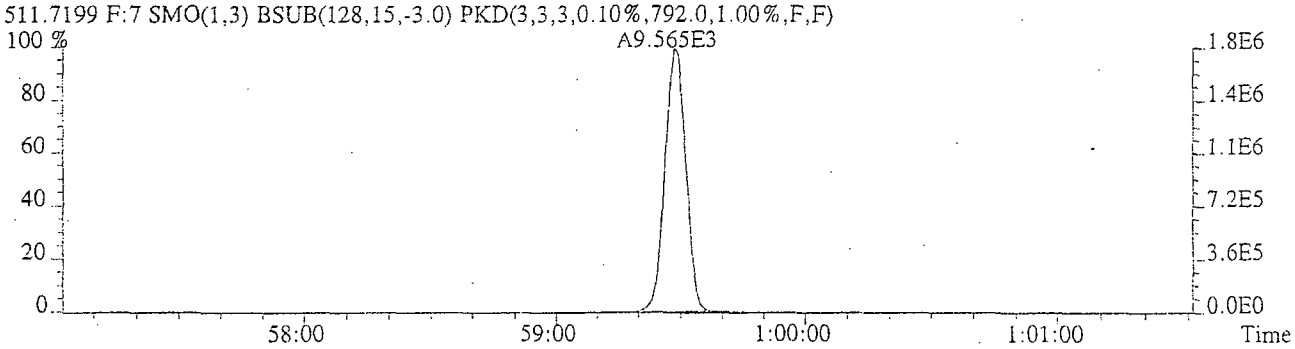
499.6797 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,632.0,1.00%,F,F)



509.7229 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,660.0,1.00%,F,F)



511.7199 F:7 SMO(1,3) BSUB(128,15,-3.0) PKD(3,3,3,0.10%,792.0,1.00%,F,F)



492.9697 F:7 PKD(5,3,5,100.00%,0.0,1.00%,F,F)