Harding Lawson Associates

January 3, 1995

Ms. Sherrel Henry
United States Environmental Protection Agency
Section II
Emergency and Remedial Response Division
26 Federal Plaza, Room 747
New York, New York 10278

Non-CLP Results of Potable Water Sampling
Island Chemical Company
St. Croix, U.S. Virgin Islands

Dear Ms. Henry:

Due to a laboratory error, the non-CLP portion of the potable water results was not included in the data package originally delivered. The non-CLP data consist of pyridine results and raw data from the pyridine analyses. Enclosed please find one (1) copy of the non-CLP portion of the results.

The purpose and origin of the samples were discussed in the cover letter (dated December 22, 1994) submitted with the CLP portion of the data package.

Please call me if you have any questions.

Yours very truly,

HARDING LAWSON ASSOCIATES

Jason M. Schindler
Associate Geologist

JMS/skb
\WORK\29872\01\EPA-003.LET January 3, 1995 4:48 pm

Enclosure: Laboratory data package

cc: Edward A. Nemecek, Harding Lawson Associates

300001

Engineering and
Environmental Services

131 North Third Street, Philadelphia, PA 19106-1903 215/627-4505 Fax 215/627-4250
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ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

Analytical Results - Semivolatile Organics by Method 8270
Harding Lawson Associates

Client ID:	PT-1/110494	Collected:	11/04/94
Description:	NA	Received:	11/05/94
Sample ID:	UNS-001	Prepared:	11/11/94
Matrix:	Water	Analyzed:	11/16/94
Wet/Dry Basis:	NA	Percent Moisture:	NA

		Concentration, ug/l (ppb)		
CAS No.	Parameter	Sample	Blank	Detection Limit
110-86-1	Pyridine	ND	ND	10.0

ND-Not Detected at or above the detection limit stated.

300002

161 James Drive West, Suite 100
St. Rose, LA 70087
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FAX: 504-469-0555

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REPORT OF LABORATORY ANALYSIS

Analytical Results - Semivolatile Organics by Method 8270
Harding Lawson Associates

Client ID:	PT-2/110494	Collected:	11/04/94
Description:	NA	Received:	11/05/94
Sample ID:	UNS-002	Prepared:	11/11/94
Matrix:	Water	Analyzed:	11/16/94
Wet/Dry Basis:	NA	Percent Moisture:	NA

		Concentration, ug/l (ppb)		
CAS No.	Parameter	Sample	Blank	Detection Limit
110-86-1	Pyridine	ND	ND	10.0

ND-Not Detected at or above the detection limit stated.

300003

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REPORT OF LABORATORY ANALYSIS

Analytical Results - Semivolatile Organics by Method 8270
Harding Lawson Associates

Client ID:	PT-102/110494	Collected:	11/04/94
Description:	NA	Received:	11/05/94
Sample ID:	UNS-003	Prepared:	11/11/94
Matrix:	Water	Analyzed:	11/16/94
Wet/Dry Basis:	NA	Percent Moisture:	NA

		Concentration, ug/l (ppb)		
CAS No.	Parameter	Sample	Blank	Detection Limit
110-86-1	Pyridine	ND	ND	10.0

ND-Not Detected at or above the detection limit stated.

300004

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REPORT OF LABORATORY ANALYSIS

Analytical Results - Semivolatile Organics by Method 8270
Harding Lawson Associates

Client ID:	MS/110494	Collected:	11/04/94
Description:	MATRIX SPIKE	Received:	11/05/94
Sample ID:	UNS-005	Prepared:	11/23/94
Matrix:	Water	Analyzed:	11/29/94
Wet/Dry Basis:	NA	Percent Moisture:	NA

		Concentration, ug/l (ppb)		
CAS No.	Parameter	(*) MATRIX SPIKE Sample	Blank	Detection Limit
110-86-1	Pyridine	ND	ND	10.0

ND-Not Detected at or above the detection limit stated.
(*) See Narrative

300005

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REPORT OF LABORATORY ANALYSIS

Analytical Results - Semivolatile Organics by Method 8270
Harding Lawson Associates

Client ID:	MS/110494	Collected:	11/04/94
Description:	MATRIX SPIKE DUPLICATE	Received:	11/05/94
Sample ID:	UNS-006	Prepared:	11/23/94
Matrix:	Water	Analyzed:	11/29/94
Wet/Dry Basis:	NA	Percent Moisture:	NA

		Concentration, ug/l (ppb)		
CAS No.	Parameter	(*) MATRIX SPIKE DUPLICATE Sample	Blank	Detection Limit
110-86-1	Pyridine	ND	ND	10.0

ND-Not Detected at or above the detection limit stated.
(*) See Narrative

300006

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REPORT OF LABORATORY ANALYSIS

QA/QC SUMMARY

SEMIVOLATILE ORGANICS

BATCH #11271

Semivolatile Blank and Matrix Spike Results

Parameter	Spike Level	Units	Recovery (%) Blank Spike	MS	MSD	EPA/CLP QC Limits
Phenol	75.0	ug/l	55	61	49	12-110
2-Chlorophenol	75.0	ug/l	75	81	66	27-123
1,4-Dichlorobenzene	50.0	ug/l	61	63	49	36- 97
N-Nitroso-di-n-propylamine	50.0	ug/l	61	63	59	41-116
1,2,4-Trichlorobenzene	50.0	ug/l	70	71	58	39- 98
4-Chloro-3-methylphenol	75.0	ug/l	92	90	86	23- 97
Acenaphthene	50.0	ug/l	83	86	81	46-118
4-Nitrophenol	75.0	ug/l	87*	91*	89*	10- 80
2,4-Dinitrotoluene	50.0	ug/l	77	78	79	24- 96
Pentachlorophenol	75.0	ug/l	25	46	51	9-103
Pyrene	50.0	ug/l	86	84	85	26-127

Semivolatile Surrogate Recovery

Sample No.	Nitro-benzene-d5	2-Fluoro-biphenyl	Terphenyl-d14	Phenol-d5	2-Fluoro-phenol	2,4,6-Tri-bromophenol
Blank 1	81	86	76	65	81	78
Blank Spike	78	77	63	69	74	85
MS/110494 (UNS-005)	86	78	71	70	73	85
MS/110494 (UNS-006)	71	77	66	58	58	83
Blank 2	64	59	78	72	67	80
PT-1/110494	75	76	79	83	76	89
PT-2/110494	78	78	85	89	83	95
PT-102/110494	69	68	80	79	65	76
QC Limits	(35-114)	(43-116)	(33-141)	(10-94)	(21-100)	(10-123)

* Value outside QC limits

300007

161 James Drive West, Suite 100
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Mass List Data: BP110994A # 513 Base m/z: 198
11/09/94 9:26:00 + 8:33 Cali: BP110994A # 1 RIC: 14672.
Sample: DFTPP 244-92-PERF
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
#512 to #514 averaged - #505 X1.00

39 0.00 0. Minima Min Inten: 0.
443 Maxima # 0

Mass		% RA	Inten.	Mass		% RA	Inten.
39?	S	3.19	79.	296	S	3.79	94.
50?	S	7.10	176.	365	S	1.33	33.
51?	S	31.73	787.	423	S	1.98	49.
52?	S	1.05	26.	441	S	5.32	132.
57?	S	3.55	88.	442	S	44.76	1110.
69	S	41.09	1019.	443	S	8.19	203.
74	S	2.94	73.				
75	S	5.48	136.				
76	S	1.17	29.				
77	S	41.61	1032.				
78	S	2.86	71.				
79	S	2.26	56.				
80	S	1.17	29.				
81	S	3.47	86.				
93	S	3.31	82.				
98	S	2.78	69.				
99	S	2.42	60.				
101	S	1.13	28.				
107	S	9.88	245.				
110	S	22.38	555.				
111	S	3.59	89.				
117	S	4.68	116.				
127	S	45.56	1130.				
128	S	3.55	88.				
129	S	14.40	357.				
141	S	2.14	53.				
167	S	5.08	126.				
175	S	1.41	35.				
179	S	2.54	63.				
180	S	1.13	28.				
186	S	9.44	234.				
187	S	1.53	38.				
196	S	3.71	92.				
198	S	100.00	2480.				
199	S	6.41	159.				
204	S	2.62	65.				
205	S	4.35	108.				
206	S	19.44	482.				
207	S	2.66	66.				
217	S	4.48	111.				
221	S	6.81	169.				
224	S	9.27	230.				
225	S	1.53	38.				
227	S	3.23	80.				
244	S	7.58	188.				
255	S	37.30	925.				
256	S	5.24	130.				
274	S	2.14	53.				
275	S	21.17	525.				
276	S	1.94	48.				

GC/MS Tuning and Mass Calibration

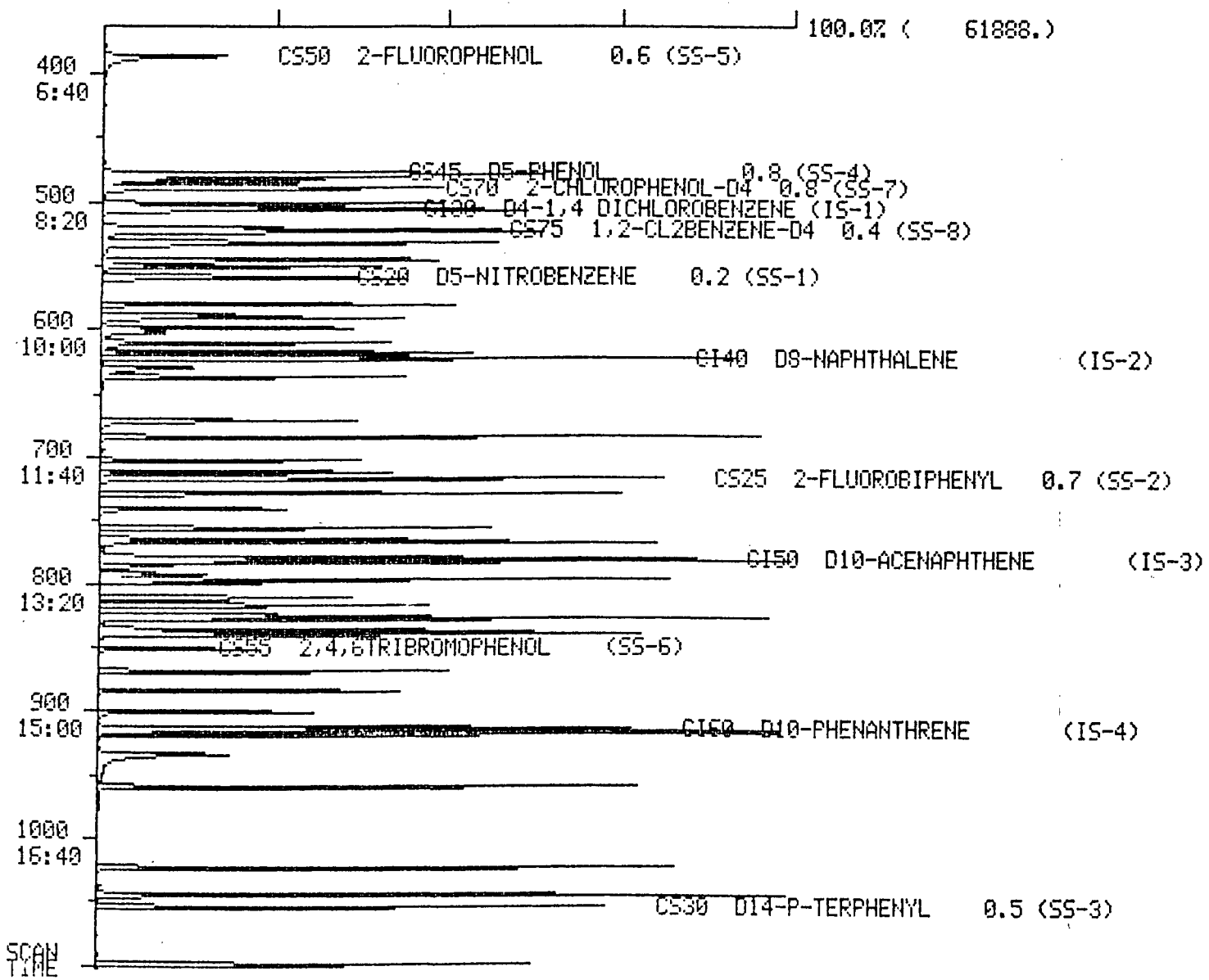
DECAFLUOROTRIPHENYLPHOSPHINE

Case Number:		Laboratory:	GULF	Contract:	
Inst ID:	B	Sens Date:	11/09/94	Sens Time:	9:26:00
Lab ID:	BP110994A	Cali Date:	10/02/91	Analyst:	JAM

Data release authorized by: _____

M/E	Ion Abundance Criteria	Spec # 512	
51	30 to 60% of mass 198	31.73	
68	less than 2% of mass 69	0.00	(0.00) 1
69	mass 69 relative abundance	41.09	
70	less than 2% of mass 69	0.00	(0.00) 1
127	40 TO 60% of mass 198	45.56	
197	less than 1% of mass 198	0.00	
198	base peak, 100% relative abundance	100.00	
199	5 TO 9% of mass 198	6.41	
275	10 TO 30% of mass 198	21.17	
365	greater than 1% of mass 198	1.33	
441	less than mass 443	5.32	
442	greater than 40% of mass 198	44.76	
443	17 TO 23% of mass 442	8.19	(18.29) 2

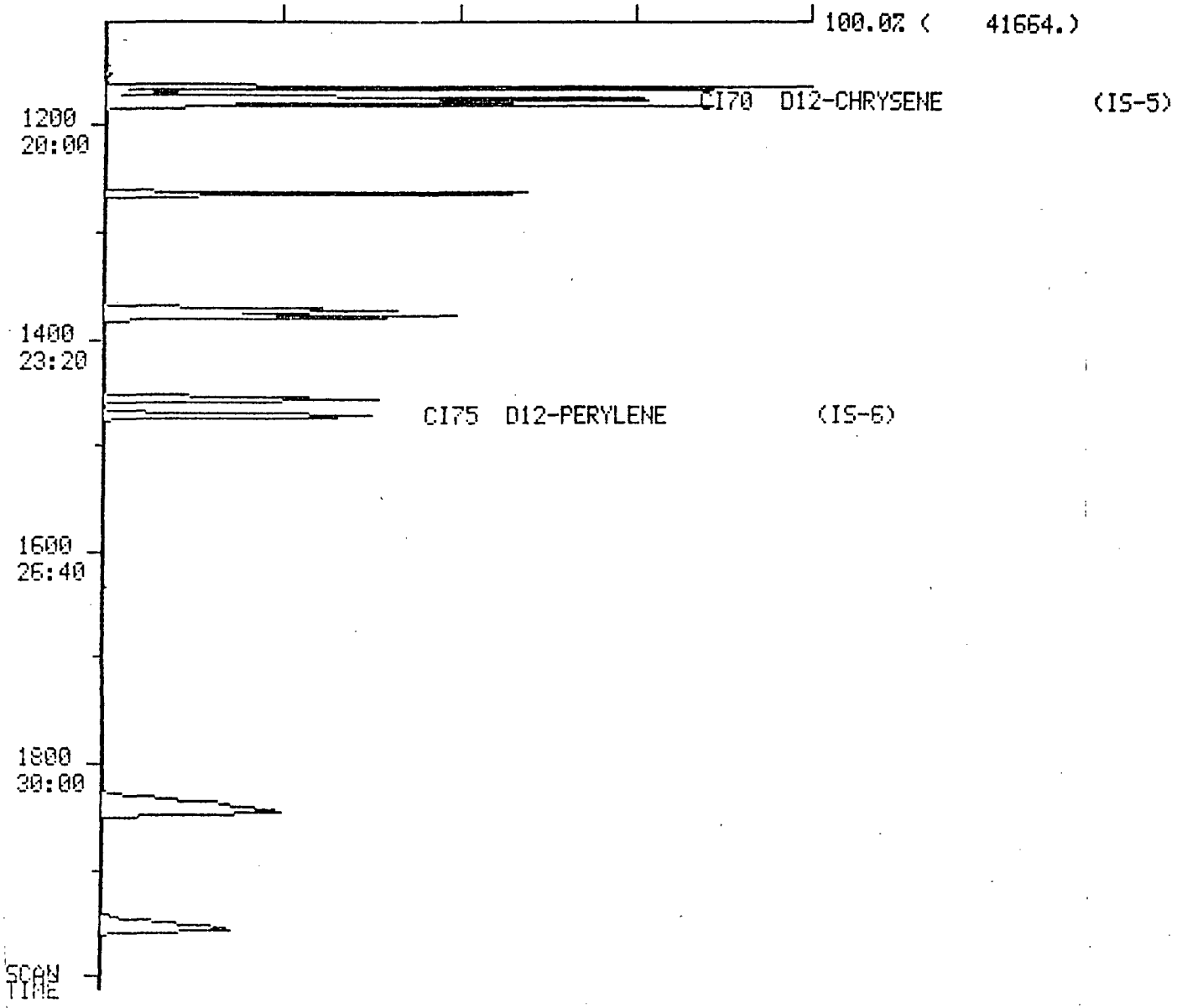
1 - value in parenthesis is % of mass 69
2 - value in parenthesis is % of mass 442



300010

May 9 1994

DATA FROM FILE: BS110994A SCANS 1103 TO 2012 ACQUIRED: 11/09/94 9:48:00
CALI: BS110994A #1
SAMPLE: SSTD050 290-02-SV25
CONDS.: RTX-5 ,0.25MM X 30M 1.0UM 45/4-325@20 INST B



300011

Quantitation Report File: BS110994A

Data: BS110994A.TI
11/09/94 9:48:00
Sample: SSTD050 290-02-SV25
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name			
1	CI30	D4-1,4 DICHLOROBENZENE		(IS-1)
2	CI40	D8-NAPHTHALENE		(IS-2)
3	CI50	D10-ACENAPHTHENE		(IS-3)
4	CI60	D10-PHENANTHRENE		(IS-4)
5	CI70	D12-CHRYSENE		(IS-5)
6	CI75	D12-PERYLENE		(IS-6)
7	CS50	2-FLUOROPHENOL	0.6	(SS-5)
8	CS45	D5-PHENOL	0.8	(SS-4)
9	CS20	D5-NITROBENZENE	0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL	0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL		(SS-6)
12	CS30	D14-P-TERPHENYL	0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4	0.8	(SS-7)
14	CS75	1,2-CL2BENZENE-D4	0.4	(SS-8)
15	C315	*PHENOL	0.8	
16	C325	BIS(2CHLOROETHYL)E	0.7	
17	C330	2CHLOROPHENOL	0.8	
18	C335	1,3DICHLOROBENZENE	0.6	
19	C340	*1,4DICHLOROBENZENE	0.5	T
20	C320	ANILINE		
21	C310	N-NITROSODIMETHYLAMINE		
22	C319	PYRIDINE		T
23	C345	BENZYL ALCOHOL		
24	C350	1,2DICHLOROBENZENE	0.4	
25	C355	2METHYLPHENOL	0.7	T
26	C357	2,2'OXYBIS(1CHLOROPR		
27	C365	4METHYLPHENOL	0.6	T
28	C370	&NITROSOPROPYLAMINE	0.5	
29	C375	HEXACHLOROETHANE	0.3	T
30	C410	NITROBENZENE	0.2	T
31	C415	ISOPHORONE	0.4	
32	C420	*2-NITROPHENOL	0.1	
33	C425	2,4-DIMETHYLPHENOL	0.2	
34	C430	BENZOIC ACID		
35	C435	BIS(2CHLOROETHOXY)	0.3	
36	C440	*2,4DICHLOROPHENOL	0.2	
37	C445	1,2,4TRICHLOROBENZ	0.2	
38	C450	NAPHTHALENE	0.7	
39	C455	4-CHLOROANILINE		
40	C460	*CL6BUTADIENE		T
41	C465	*4CHLORO3METHYLPHEN	0.2	
42	C470	2METHYLNAPHTHALENE	0.4	
43	C510	&CL6CYCLOPENTADIENE		
44	C515	*246TRICHLOROPHNEOL	0.2	T
45	C520	2,4,5TRICHLOROPHEN	0.2	T
46	C525	2CHLORONAPHTHALENE	0.8	
47	C530	2-NITROANILINE		

No	Name								
48	C535	DIMETHYL PHTHALATE							
49	C540	ACENAPHTHYLENE	1.3						
50	C545	3-NITROANILINE							

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	503	8:23	1	1.000	A BB	10117.	20.000 PPB	0.95
2	136	620	10:20	2	1.000	A BB	35918.	20.000 PPB	0.95
3	164	779	12:59	3	1.000	A BB	18998.	20.000 PPB	0.95
4	188	912	15:12	4	1.000	A BB	28570.	20.000 PPB	0.95
5	240	1176	19:36	5	1.000	A BB	24201.	20.000 PPB	0.95
6	264	1471	24:31	6	1.000	A BB	26539.	20.000 PPB	0.95
7	112	385	6:25	1	0.765	A BB	13008.	25.000 PPB	1.19
8	99	476	7:56	1	0.946	A BB	16823.	25.000 PPB	1.19
9	82	557	9:17	2	0.898	A BB	12528.	25.000 PPB	1.19
10	172	716	11:56	3	0.919	A BB	25242.	25.000 PPB	1.19
11	330	850	14:10	3	1.091	A BB	2741.	25.000 PPB	1.19
12	244	1053	17:33	5	0.895	A BB	23005.	25.000 PPB	1.19
13	132	487	8:07	1	0.968	A BB	13739.	25.000 PPB	1.19
14	152	521	8:41	1	1.036	A BB	9031.	25.000 PPB	1.19
15	94	477	7:57	1	0.948	A BB	20036.	25.000 PPB	1.19
16	93	482	8:02	1	0.958	A VB	17559.	25.000 PPB	1.19
17	128	488	8:08	1	0.970	A BB	13810.	25.000 PPB	1.19
18	146	500	8:20	1	0.994	A BV	15346.	25.000 PPB	1.19
19	146	505	8:25	1	1.004	A VB	15800.	25.000 PPB	1.19
20	93	478	7:58	1	0.950	A BV	17744.	25.000 PPB	1.19
21	74	211	3:31	1	0.419	A BB	7921.	25.000 PPB	1.19
22	79	211	3:31	1	0.419	A BB	12487.	25.000 PPB	1.19
23	108	519	8:39	1	1.032	A BV	7186.	25.000 PPB	1.19
24	146	522	8:42	1	1.038	A BB	14368.	25.000 PPB	1.19
25	108	530	8:50	1	1.054	A VB	13071.	25.000 PPB	1.19
26	45	531	8:51	1	1.056	A BB	15708.	25.000 PPB	1.19
27	108	543	9:03	1	1.080	A BB	13081.	25.000 PPB	1.19
28	70	544	9:04	1	1.082	A BB	7645.	25.000 PPB	1.19
29	117	550	9:10	1	1.093	A BB	5778.	25.000 PPB	1.19
30	77	559	9:19	2	0.902	A BB	12527.	25.000 PPB	1.19
31	82	579	9:39	2	0.934	A BB	25019.	25.000 PPB	1.19
32	139	587	9:47	2	0.947	A BB	7053.	25.000 PPB	1.19
33	107	590	9:50	2	0.952	A BB	9618.	25.000 PPB	1.19
34	122	601	10:01	2	0.969	A BV	5414.	25.000 PPB	1.19
35	93	598	9:58	2	0.965	A BB	16183.	25.000 PPB	1.19
36	162	609	10:09	2	0.982	A BB	10898.	25.000 PPB	1.19
37	180	616	10:16	2	0.994	A BB	11841.	25.000 PPB	1.19
38	128	622	10:22	2	1.003	A BB	38036.	25.000 PPB	1.19
39	127	628	10:28	2	1.013	A BB	12577.	25.000 PPB	1.19
40	225	636	10:36	2	1.026	A BB	5396.	25.000 PPB	1.19
41	107	670	11:10	2	1.081	A BB	10029.	25.000 PPB	1.19
42	142	683	11:23	2	1.102	A BB	25612.	25.000 PPB	1.19
43	237	702	11:42	3	0.901	A BB	6802.	25.000 PPB	1.19
44	196	711	11:51	3	0.913	A BV	7534.	25.000 PPB	1.19
45	196	715	11:55	3	0.918	A VB	8127.	25.000 PPB	1.19
46	162	727	12:07	3	0.933	A BB	23632.	25.000 PPB	1.19
47	65	740	12:20	3	0.950	A BB	6058.	25.000 PPB	1.19
48	163	755	12:35	3	0.969	A BB	27175.	25.000 PPB	1.19
49	152	766	12:46	3	0.983	A BB	38184.	25.000 PPB	1.19
50	138	777	12:57	3	0.997	A BB	3177.	25.000 PPB	1.19

SJ10454
BS1149944

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:23	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:20	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:12	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:25	1.00	0.765	1.00	25.00	25.00	1.029	1.029	1.00
8	7:56	1.00	0.946	1.00	25.00	25.00	1.330	1.330	1.00
9	9:17	1.00	0.898	1.00	25.00	25.00	0.279	0.279	1.00
10	11:56	1.00	0.919	1.00	25.00	25.00	1.063	1.063	1.00
11	14:10	1.00	1.091	1.00	25.00	25.00	0.115	0.115	1.00
12	17:33	1.00	0.895	1.00	25.00	25.00	0.760	0.760	1.00
13	8:07	1.00	0.968	1.00	25.00	25.00	1.086	1.086	1.00
14	8:41	1.00	1.036	1.00	25.00	25.00	0.714	0.714	1.00
15	7:57	1.00	0.948	1.00	25.00	25.00	1.584	1.584	1.00
16	8:02	1.00	0.958	1.00	25.00	25.00	1.388	1.388	1.00
17	8:08	1.00	0.970	1.00	25.00	25.00	1.092	1.092	1.00
18	8:20	1.00	0.994	1.00	25.00	25.00	1.213	1.213	1.00
19	8:25	1.00	1.004	1.00	25.00	25.00	1.249	1.249	1.00
20	7:58	1.00	0.950	1.00	25.00	25.00	1.403	1.403	1.00
21	3:31	1.00	0.419	1.00	25.00	25.00	0.626	0.626	1.00
22	3:31	1.00	0.419	1.00	25.00	25.00	0.987	0.987	1.00
23	8:39	1.00	1.032	1.00	25.00	25.00	0.568	0.568	1.00
24	8:42	1.00	1.038	1.00	25.00	25.00	1.136	1.136	1.00
25	8:50	1.00	1.054	1.00	25.00	25.00	1.034	1.034	1.00
26	8:51	1.00	1.056	1.00	25.00	25.00	1.242	1.242	1.00
27	9:03	1.00	1.080	1.00	25.00	25.00	1.034	1.034	1.00
28	9:04	1.00	1.082	1.00	25.00	25.00	0.605	0.605	1.00
29	9:10	1.00	1.093	1.00	25.00	25.00	0.457	0.457	1.00
30	9:19	1.00	0.902	1.00	25.00	25.00	0.279	0.279	1.00
31	9:39	1.00	0.934	1.00	25.00	25.00	0.557	0.557	1.00
32	9:47	1.00	0.947	1.00	25.00	25.00	0.157	0.157	1.00
33	9:50	1.00	0.952	1.00	25.00	25.00	0.214	0.214	1.00
34	10:01	1.00	0.969	1.00	25.00	25.00	0.121	0.121	1.00
35	9:58	1.00	0.965	1.00	25.00	25.00	0.360	0.360	1.00
36	10:09	1.00	0.982	1.00	25.00	25.00	0.243	0.243	1.00
37	10:16	1.00	0.994	1.00	25.00	25.00	0.264	0.264	1.00
38	10:22	1.00	1.003	1.00	25.00	25.00	0.847	0.847	1.00
39	10:28	1.00	1.013	1.00	25.00	25.00	0.280	0.280	1.00
40	10:36	1.00	1.026	1.00	25.00	25.00	0.120	0.120	1.00
41	11:10	1.00	1.081	1.00	25.00	25.00	0.223	0.223	1.00
42	11:23	1.00	1.102	1.00	25.00	25.00	0.570	0.570	1.00
43	11:42	1.00	0.901	1.00	25.00	25.00	0.286	0.286	1.00
44	11:51	1.00	0.913	1.00	25.00	25.00	0.317	0.317	1.00
45	11:55	1.00	0.918	1.00	25.00	25.00	0.342	0.342	1.00
46	12:07	1.00	0.933	1.00	25.00	25.00	0.995	0.995	1.00
47	12:20	1.00	0.950	1.00	25.00	25.00	0.255	0.255	1.00
48	12:35	1.00	0.969	1.00	25.00	25.00	1.144	1.144	1.00
49	12:46	1.00	0.983	1.00	25.00	25.00	1.608	1.608	1.00
50	12:57	1.00	0.997	1.00	25.00	25.00	0.134	0.134	1.00

SSTOOSP
B5110994A

Quantitation Report File: BS110994A

Data: BS110994A.TI
11/09/94 9:48:00
Sample: SSTD050 290-02-SV25
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
51	C550	*ACENAPHTHENE	0.8
52	C321	2,3,4,6-TETRACHLOROPHENOL	
53	C555	&2,4DINITROPHENOL	
54	C560	&4NITROPHENOL	
55	C565	DIBENZOFURAN	0.8
56	C570	2,4DINITROTOLUENE	0.2 T
57	C543	2,6DINITROTOLUENE	0.2
58	C580	DIETHYL PHTHALATE	
59	C585	4CHLOROPHENYL PHEN	0.4
60	C590	FLUORENE	0.9
61	C595	4-NITROANILINE	
62	C610	4,6DINITRO2METHYLPH	
63	C615	*DIPHENYLAMINE	
64	C625	4BROMOPHENYL PHENY	0.1
65	C630	CL6BENZENE	0.1 T
66	C635	*PENTACHLOROPHENOL	0.05 T
67	C640	PHENANTHRENE	0.7
68	C645	ANTHRACENE	0.7
69	C650	DI-NBUTYLPHTHALATE	
70	C655	*FLUORANTHENE	0.6
71	D200	1,2-DIPHENYLHYDRAZINE	
72	C647	CARBAZOLE	
73	C715	PYRENE	0.6
74	C720	BUTYLBENZYLPHTHALATE	
75	C725	3,3'CL2BENZIDINE	
76	C730	BENZO(A)ANTHRACENE	0.8
77	C740	BIS(2ETHYLHEXYL)PHTH	
78	C735	CHRYSENE	0.7
79	C760	*DI-N-OCTYLPHTHALATE	
80	C765	BENZO(B)FLUORANTHE	0.7
81	C770	BENZO(K)FLUORANTHE	0.7
82	C775	*BENZO(A)PYRENE	0.7
83	C780	INDENO(1,2,3CD)PYR	0.5
84	C785	DIBENZO(A,H)ANTHRA	0.4
85	C790	BENZO(G,H,I)PERYLE	0.5

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	782	13:02	3	1.004	A BB	21761.	25.000 PPB	1.19
52	232	810	13:30	3	1.040	A BB	6923.	25.000 PPB	1.19
53	184	785	13:05	3	1.008	A BB	3045.	25.000 PPB	1.19
54	109	791	13:11	3	1.015	A BB	2043.	25.000 PPB	1.19
55	168	796	13:16	3	1.022	A BB	33674.	25.000 PPB	1.19
56	165	798	13:18	3	1.024	A BB	8215.	25.000 PPB	1.19
57	165	763	12:43	3	0.979	A BB	7070.	25.000 PPB	1.19
58	149	817	13:37	3	1.049	A BB	25268.	25.000 PPB	1.19

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	824	13:44	3	1.058	A BB	11718.	25.000 PPB	1.19
60	166	827	13:47	3	1.062	A BB	25536.	25.000 PPB	1.19
61	138	835	13:55	3	1.072	A VB	3381.	25.000 PPB	1.19
62	198	835	13:55	4	0.916	A BB	4567.	25.000 PPB	1.19
63	169	836	13:56	4	0.917	A BB	13787.	25.000 PPB	1.19
64	248	868	14:28	4	0.952	A BB	6636.	25.000 PPB	1.19
65	284	883	14:43	4	0.968	A BB	6712.	25.000 PPB	1.19
66	266	899	14:59	4	0.986	A BB	4827.	25.000 PPB	1.19
67	178	914	15:14	4	1.002	A BV	36191.	25.000 PPB	1.19
68	178	918	15:18	4	1.007	A VB	37037.	25.000 PPB	1.19
69	149	959	15:59	4	1.052	A BB	45041.	25.000 PPB	1.19
70	202	1022	17:02	4	1.121	A BB	36201.	25.000 PPB	1.19
71	77	839	13:59	4	0.920	A BB	29659.	25.000 PPB	1.19
72	167	933	15:33	4	1.023	A BB	23056.	25.000 PPB	1.19
73	202	1044	17:24	5	0.888	A BB	39401.	25.000 PPB	1.19
74	149	1098	18:18	5	0.934	A BB	19861.	25.000 PPB	1.19
75	252	1167	19:27	5	0.992	A BB	4348.	25.000 PPB	1.19
76	228	1173	19:33	5	0.997	A BV	31949.	25.000 PPB	1.19
77	149	1163	19:23	5	0.989	A BB	28211.	25.000 PPB	1.19
78	228	1180	19:40	5	1.003	A VB	29396.	25.000 PPB	1.19
79	149	1262	21:02	6	0.858	A BB	45403.	25.000 PPB	1.19
80	252	1372	22:52	6	0.933	A BV	33707.	25.000 PPB	1.19
81	252	1378	22:58	6	0.937	A VB	25784.	25.000 PPB	1.19
82	252	1455	24:15	6	0.989	A BB	28854.	25.000 PPB	1.19
83	276	1836	30:36	6	1.248	A BB	31409.	25.000 PPB	1.19
84	278	1844	30:44	6	1.254	A BB	23544.	25.000 PPB	1.19
85	276	1954	32:34	6	1.328	A BB	25748.	25.000 PPB	1.19

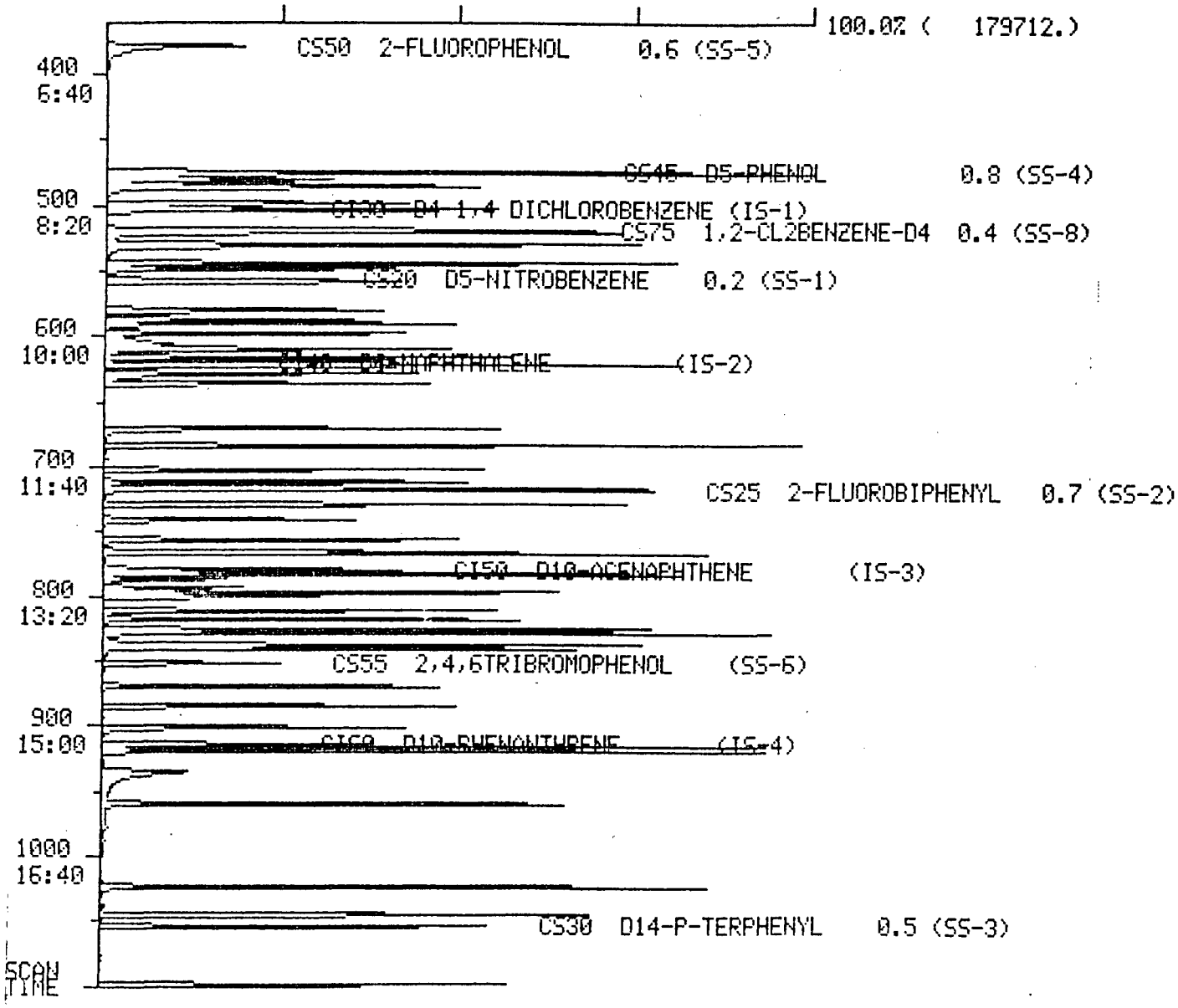
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
51	13:02	1.00	1.004	1.00	25.00	25.00	0.916	0.916	1.00
52	13:30	1.00	1.040	1.00	25.00	25.00	0.292	0.292	1.00
53	13:05	1.00	1.008	1.00	25.00	25.00	0.128	0.128	1.00
54	13:11	1.00	1.015	1.00	25.00	25.00	0.086	0.086	1.00
55	13:16	1.00	1.022	1.00	25.00	25.00	1.418	1.418	1.00
56	13:18	1.00	1.024	1.00	25.00	25.00	0.346	0.346	1.00
57	12:43	1.00	0.979	1.00	25.00	25.00	0.298	0.298	1.00
58	13:37	1.00	1.049	1.00	25.00	25.00	1.064	1.064	1.00
59	13:44	1.00	1.058	1.00	25.00	25.00	0.493	0.493	1.00
60	13:47	1.00	1.062	1.00	25.00	25.00	1.075	1.075	1.00
61	13:55	1.00	1.072	1.00	25.00	25.00	0.142	0.142	1.00
62	13:55	1.00	0.916	1.00	25.00	25.00	0.128	0.128	1.00
63	13:56	1.00	0.917	1.00	25.00	25.00	0.386	0.386	1.00
64	14:28	1.00	0.952	1.00	25.00	25.00	0.186	0.186	1.00
65	14:43	1.00	0.968	1.00	25.00	25.00	0.188	0.188	1.00
66	14:59	1.00	0.986	1.00	25.00	25.00	0.135	0.135	1.00
67	15:14	1.00	1.002	1.00	25.00	25.00	1.013	1.013	1.00
68	15:18	1.00	1.007	1.00	25.00	25.00	1.037	1.037	1.00
69	15:59	1.00	1.052	1.00	25.00	25.00	1.261	1.261	1.00
70	17:02	1.00	1.121	1.00	25.00	25.00	1.014	1.014	1.00
71	13:59	1.00	0.920	1.00	25.00	25.00	0.830	0.830	1.00
72	15:33	1.00	1.023	1.00	25.00	25.00	0.646	0.646	1.00
73	17:24	1.00	0.888	1.00	25.00	25.00	1.302	1.302	1.00
74	18:18	1.00	0.934	1.00	25.00	25.00	0.657	0.657	1.00
75	19:27	1.00	0.992	1.00	25.00	25.00	0.144	0.144	1.00
76	19:33	1.00	0.997	1.00	25.00	25.00	1.056	1.056	1.00
77	19:23	1.00	0.989	1.00	25.00	25.00	0.933	0.933	1.00

J5TD050
B5110994A

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
78	19:40	1.00	1.003	1.00	25.00	25.00	0.972	0.972	1.00
79	21:02	1.00	0.858	1.00	25.00	25.00	1.369	1.369	1.00
80	22:52	1.00	0.933	1.00	25.00	25.00	1.016	1.016	1.00
81	22:58	1.00	0.937	1.00	25.00	25.00	0.777	0.777	1.00
82	24:15	1.00	0.989	1.00	25.00	25.00	0.870	0.870	1.00
83	30:36	1.00	1.248	1.00	25.00	25.00	0.947	0.947	1.00
84	30:44	1.00	1.254	1.00	25.00	25.00	0.710	0.710	1.00
85	32:34	1.00	1.328	1.00	25.00	25.00	0.776	0.776	1.00

55TO 05P
B51109154A

DATA FROM FILE: BS110994B SCANS 361 TO 1101 ACQUIRED: 11/09/94 10:28:00
CALI: BS110994B #1
SAMPLE: SSTD160 290-02-SV80
CONDS.: RTX-5 ,0.25MM X 30M 1.0UM 45/4-325@20 INST B



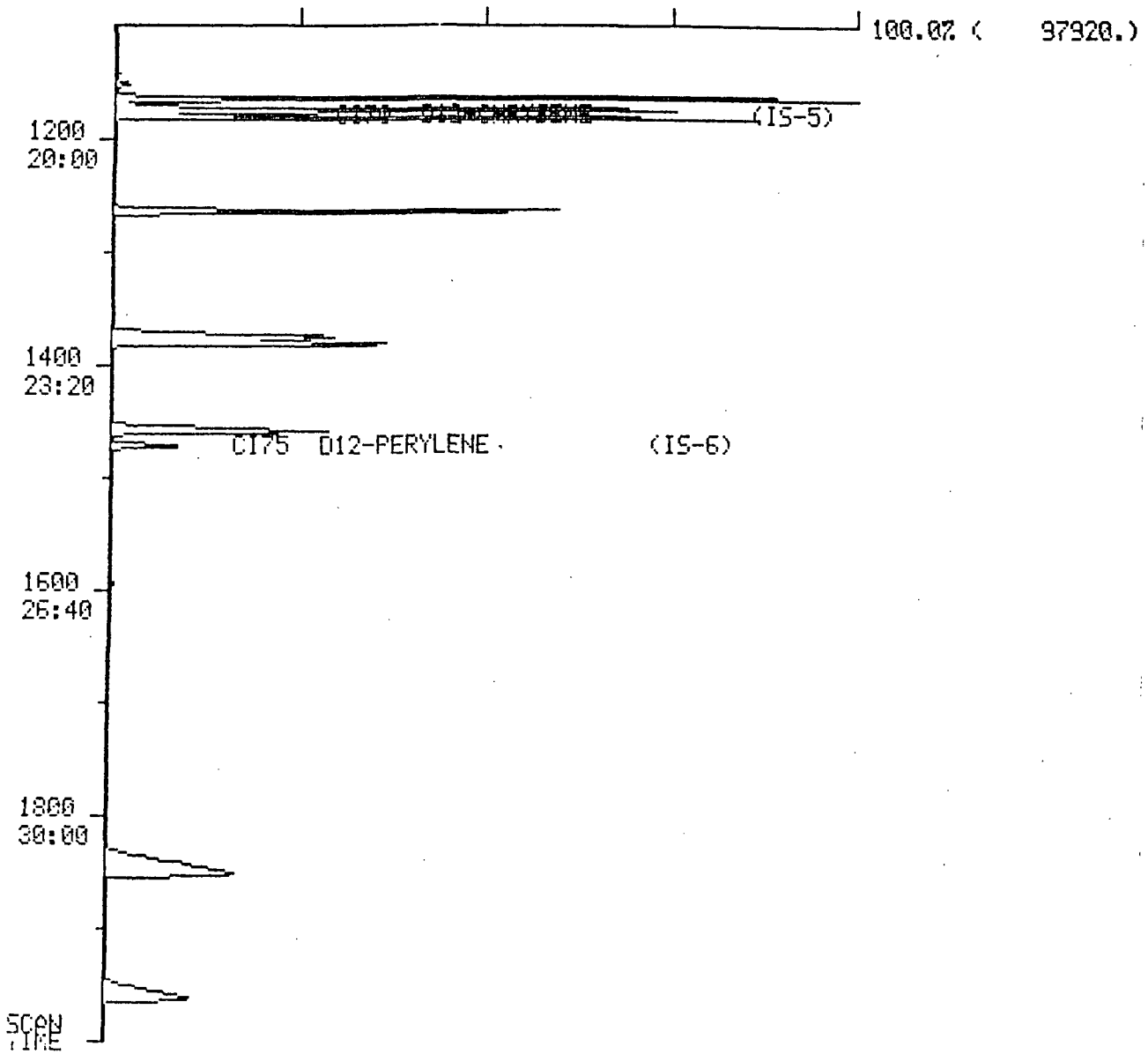
300018

NOV 8 1994

DATA FROM FILE: BS110994B SCANS 1101 TO 2000 ACQUIRED: 11/09/94 10:28:00
CALI: BS110994B #1

SAMPLE: SSTD160 290-02-SV80

CONDS.: RTX-5 ,0.25MM X 30M 1.0UM 45/4-325@20 INST B



Quantitation Report File: BS110994B

Data: BS110994B.TI
11/09/94 10:28:00
Sample: SSTD160 290-02-SV80
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name			
1	CI30	D4-1,4 DICHLOROBENZENE (IS-1)		
2	CI40	D8-NAPHTHALENE (IS-2)		
3	CI50	D10-ACENAPHTHENE (IS-3)		
4	CI60	D10-PHENANTHRENE (IS-4)		
5	CI70	D12-CHRYSENE (IS-5)		
6	CI75	D12-PERYLENE (IS-6)		
7	CS50	2-FLUOROPHENOL	0.6	(SS-5)
8	CS45	D5-PHENOL	0.8	(SS-4)
9	CS20	D5-NITROBENZENE	0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL	0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL		(SS-6)
12	CS30	D14-P-TERPHENYL	0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4	0.8	(SS-7)
14	CS75	1,2-CL2BENZENE-D4	0.4	(SS-8)
15	C315	*PHENOL	0.8	
16	C325	BIS(2CHLOROETHYL)E	0.7	
17	C330	2CHLOROPHENOL	0.8	
18	C335	1,3DICHLOROBENZENE	0.6	
19	C340	*1,4DICHLOROBENZENE	0.5	T
20	C320	ANILINE		
21	C310	N-NITROSODIMETHYLAMINE		
22	C319	PYRIDINE		T
23	C345	BENZYL ALCOHOL		
24	C350	1,2DICHLOROBENZENE	0.4	
25	C355	2METHYLPHENOL	0.7	T
26	C357	2,2'OXYBIS(1CHLOROPR		
27	C365	4METHYLPHENOL	0.6	T
28	C370	&NITROSOPROPYLAMINE	0.5	
29	C375	HEXACHLOROETHANE	0.3	T
30	C410	NITROBENZENE	0.2	T
31	C415	ISOPHORONE	0.4	
32	C420	*2-NITROPHENOL	0.1	
33	C425	2,4-DIMETHYLPHENOL	0.2	
34	C430	BENZOIC ACID		
35	C435	BIS(2CHLOROETHOXY)	0.3	
36	C440	*2,4DICHLOROPHENOL	0.2	
37	C445	1,2,4TRICHLOROBENZ	0.2	
38	C450	NAPHTHALENE	0.7	
39	C455	4-CHLOROANILINE		
40	C460	*CL6BUTADIENE		T
41	C465	*4CHLORO3METHYLPHEN	0.2	
42	C470	2METHYLNAPHTHALENE	0.4	
43	C510	&CL6CYCLOPENTADIENE		
44	C515	*246TRICHLOROPHNEOL	0.2	T
45	C520	2,4,5TRICHLOROPHEN	0.2	T
46	C525	2CHLORONAPHTHALENE	0.8	
47	C530	2-NITROANILINE		

300020

No	Name									
48	C535	DIMETHYL PHTHALATE								
49	C540	ACENAPHTHYLENE	1.3							
50	C545	3-NITROANILINE								

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	501	8:21	1	1.000	A BB	10939.	20.000 PPB	0.31
2	136	619	10:19	2	1.000	A BB	35684.	20.000 PPB	0.31
3	164	779	12:59	3	1.000	A BB	19437.	20.000 PPB	0.31
4	188	912	15:12	4	1.000	A BB	29068.	20.000 PPB	0.31
5	240	1176	19:36	5	1.000	A BB	16948.	20.000 PPB	0.31
6	264	1470	24:30	6	1.000	A BB	14695.	20.000 PPB	0.31
7	112	378	6:18	1	0.754	A BB	43413.	80.000 PPB	1.24
8	99	474	7:54	1	0.946	A BV	56555.	80.000 PPB	1.24
9	82	556	9:16	2	0.898	A BB	43696.	80.000 PPB	1.24
10	172	717	11:57	3	0.920	A BB	86333.	80.000 PPB	1.24
11	330	851	14:11	3	1.092	A BB	9091.	80.000 PPB	1.24
12	244	1053	17:33	5	0.895	A BB	58906.	80.000 PPB	1.24
13	132	484	8:04	1	0.966	A BB	48498.	80.000 PPB	1.24
14	152	519	8:39	1	1.036	A BB	31477.	80.000 PPB	1.24
15	94	475	7:55	1	0.948	A BB	69261.	80.000 PPB	1.24
16	93	480	8:00	1	0.958	A VB	58496.	80.000 PPB	1.24
17	128	486	8:06	1	0.970	A BB	49203.	80.000 PPB	1.24
18	146	497	8:17	1	0.992	A BV	52936.	80.000 PPB	1.24
19	146	502	8:22	1	1.002	A VB	53578.	80.000 PPB	1.24
20	93	475	7:55	1	0.948	A BV	62900.	80.000 PPB	1.24
21	74	199	3:19	1	0.397	A BB	27527.	80.000 PPB	1.24
22	79	199	3:19	1	0.397	A BB	38346.	80.000 PPB	1.24
23	108	518	8:38	1	1.034	A BV	27515.	80.000 PPB	1.24
24	146	520	8:40	1	1.038	A BB	48977.	80.000 PPB	1.24
25	108	529	8:49	1	1.056	A VB	44010.	80.000 PPB	1.24
26	45	530	8:50	1	1.058	A BB	58365.	80.000 PPB	1.24
27	108	543	9:03	1	1.084	A BB	47818.	80.000 PPB	1.24
28	70	544	9:04	1	1.086	A BB	27149.	80.000 PPB	1.24
29	117	548	9:08	1	1.094	A BB	19653.	80.000 PPB	1.24
30	77	558	9:18	2	0.901	A BB	41541.	80.000 PPB	1.24
31	82	579	9:39	2	0.935	A BV	85142.	80.000 PPB	1.24
32	139	587	9:47	2	0.948	A BB	27172.	80.000 PPB	1.24
33	107	590	9:50	2	0.953	A BB	34263.	80.000 PPB	1.24
34	122	606	10:06	2	0.979	A BB	20908.	80.000 PPB	1.24
35	93	597	9:57	2	0.964	A BB	57086.	80.000 PPB	1.24
36	162	609	10:09	2	0.984	A BB	37579.	80.000 PPB	1.24
37	180	615	10:15	2	0.994	A BB	39249.	80.000 PPB	1.24
38	128	622	10:22	2	1.005	A BV	119980.	80.000 PPB	1.24
39	127	628	10:28	2	1.015	A BB	52848.	80.000 PPB	1.24
40	225	635	10:35	2	1.026	A BB	18199.	80.000 PPB	1.24
41	107	670	11:10	2	1.082	A BB	35080.	80.000 PPB	1.24
42	142	683	11:23	2	1.103	A BB	82161.	80.000 PPB	1.24
43	237	702	11:42	3	0.901	A BB	24614.	80.000 PPB	1.24
44	196	711	11:51	3	0.913	A BV	25837.	80.000 PPB	1.24
45	196	715	11:55	3	0.918	A VB	28707.	80.000 PPB	1.24
46	162	728	12:08	3	0.935	A BB	82689.	80.000 PPB	1.24
47	65	740	12:20	3	0.950	A BB	21530.	80.000 PPB	1.24
48	163	755	12:35	3	0.969	A BB	88163.	80.000 PPB	1.24
49	152	766	12:46	3	0.983	A BB	109842.	80.000 PPB	1.24
50	138	778	12:58	3	0.999	A BV	17982.	80.000 PPB	1.24

SSTD164
BS110994B

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:21	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:19	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:59	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:12	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:18	1.00	0.754	1.00	80.00	80.00	0.992	0.992	1.00
8	7:54	1.00	0.946	1.00	80.00	80.00	1.293	1.293	1.00
9	9:16	1.00	0.898	1.00	80.00	80.00	0.306	0.306	1.00
10	11:57	1.00	0.920	1.00	80.00	80.00	1.110	1.110	1.00
11	14:11	1.00	1.092	1.00	80.00	80.00	0.117	0.117	1.00
12	17:33	1.00	0.895	1.00	80.00	80.00	0.869	0.869	1.00
13	8:04	1.00	0.966	1.00	80.00	80.00	1.108	1.108	1.00
14	8:39	1.00	1.036	1.00	80.00	80.00	0.719	0.719	1.00
15	7:55	1.00	0.948	1.00	80.00	80.00	1.583	1.583	1.00
16	8:00	1.00	0.958	1.00	80.00	80.00	1.337	1.337	1.00
17	8:06	1.00	0.970	1.00	80.00	80.00	1.124	1.124	1.00
18	8:17	1.00	0.992	1.00	80.00	80.00	1.210	1.210	1.00
19	8:22	1.00	1.002	1.00	80.00	80.00	1.224	1.224	1.00
20	7:55	1.00	0.948	1.00	80.00	80.00	1.438	1.438	1.00
21	3:19	1.00	0.397	1.00	80.00	80.00	0.629	0.629	1.00
22	3:19	1.00	0.397	1.00	80.00	80.00	0.876	0.876	1.00
23	8:38	1.00	1.034	1.00	80.00	80.00	0.629	0.629	1.00
24	8:40	1.00	1.038	1.00	80.00	80.00	1.119	1.119	1.00
25	8:49	1.00	1.056	1.00	80.00	80.00	1.006	1.006	1.00
26	8:50	1.00	1.058	1.00	80.00	80.00	1.334	1.334	1.00
27	9:03	1.00	1.084	1.00	80.00	80.00	1.093	1.093	1.00
28	9:04	1.00	1.086	1.00	80.00	80.00	0.620	0.620	1.00
29	9:08	1.00	1.094	1.00	80.00	80.00	0.449	0.449	1.00
30	9:18	1.00	0.901	1.00	80.00	80.00	0.291	0.291	1.00
31	9:39	1.00	0.935	1.00	80.00	80.00	0.596	0.596	1.00
32	9:47	1.00	0.948	1.00	80.00	80.00	0.190	0.190	1.00
33	9:50	1.00	0.953	1.00	80.00	80.00	0.240	0.240	1.00
34	10:06	1.00	0.979	1.00	80.00	80.00	0.146	0.146	1.00
35	9:57	1.00	0.964	1.00	80.00	80.00	0.400	0.400	1.00
36	10:09	1.00	0.984	1.00	80.00	80.00	0.263	0.263	1.00
37	10:15	1.00	0.994	1.00	80.00	80.00	0.275	0.275	1.00
38	10:22	1.00	1.005	1.00	80.00	80.00	0.841	0.841	1.00
39	10:28	1.00	1.015	1.00	80.00	80.00	0.370	0.370	1.00
40	10:35	1.00	1.026	1.00	80.00	80.00	0.128	0.128	1.00
41	11:10	1.00	1.082	1.00	80.00	80.00	0.246	0.246	1.00
42	11:23	1.00	1.103	1.00	80.00	80.00	0.576	0.576	1.00
43	11:42	1.00	0.901	1.00	80.00	80.00	0.317	0.317	1.00
44	11:51	1.00	0.913	1.00	80.00	80.00	0.332	0.332	1.00
45	11:55	1.00	0.918	1.00	80.00	80.00	0.369	0.369	1.00
46	12:08	1.00	0.935	1.00	80.00	80.00	1.064	1.064	1.00
47	12:20	1.00	0.950	1.00	80.00	80.00	0.277	0.277	1.00
48	12:35	1.00	0.969	1.00	80.00	80.00	1.134	1.134	1.00
49	12:46	1.00	0.983	1.00	80.00	80.00	1.413	1.413	1.00
50	12:58	1.00	0.999	1.00	80.00	80.00	0.231	0.231	1.00

SSTD 160
BS1104994B

Quantitation Report File: BS110994B

Data: BS110994B.TI
11/09/94 10:28:00
Sample: SSTD160 290-02-SV80
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
51	C550	*ACENAPHTHENE	0.8
52	C321	2,3,4,6-TETRACHLOROPHENOL	
53	C555	&2,4DINITROPHENOL	
54	C560	&4NITROPHENOL	
55	C565	DIBENZOFURAN	0.8
56	C570	2,4DINITROTOLUENE	0.2 T
57	C543	2,6DINITROTOLUENE	0.2
58	C580	DIETHYL PHTHALATE	
59	C585	4CHLOROPHENYL PHEN	0.4
60	C590	FLUORENE	0.9
61	C595	4-NITROANILINE	
62	C610	4,6DINITRO2METHYLPH	
63	C615	*DIPHENYLAMINE	
64	C625	4BROMOPHENYL PHENY	0.1
65	C630	CL6BENZENE	0.1 T
66	C635	*PENTACHLOROPHENOL	0.05 T
67	C640	PHENANTHRENE	0.7
68	C645	ANTHRACENE	0.7
69	C650	DI-NBUTYLPHTHALATE	
70	C655	*FLUORANTHENE	0.6
71	D200	1,2-DIPHENYLHYDRAZINE	
72	C647	CARBAZOLE	
73	C715	PYRENE	0.6
74	C720	BUTYLBENZYLPHTHALATE	
75	C725	3,3'CL2BENZIDINE	
76	C730	BENZO(A)ANTHRACENE	0.8
77	C740	BIS(2ETHYLHEXYL)PHTH	
78	C735	CHRYSENE	0.7
79	C760	*DI-N-OCTYLPHTHALATE	
80	C775	*BENZO(A)PYRENE	0.7
81	C780	INDENO(1,2,3CD)PYR	0.5
82	C785	DIBENZO(A,H)ANTHRA	0.4
83	C790	BENZO(G,H,I)PERYLE	0.5
84	C765	BENZO(B)FLUORANTHE	0.7
85	C770	BENZO(K)FLUORANTHE	0.7

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.005	A BB	73858.	80.000 PPB	1.24
52	232	811	13:31	3	1.041	A BB	23130.	80.000 PPB	1.24
53	184	786	13:06	3	1.009	A BB	13198.	80.000 PPB	1.24
54	109	792	13:12	3	1.017	A BB	7050.	80.000 PPB	1.24
55	168	796	13:16	3	1.022	A BB	100613.	80.000 PPB	1.24
56	165	799	13:19	3	1.026	A BB	28467.	80.000 PPB	1.24
57	165	764	12:44	3	0.981	A BB	25972.	80.000 PPB	1.24
58	149	818	13:38	3	1.050	A BV	86344.	80.000 PPB	1.24

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	825	13:45	3	1.059	A BB	41368.	80.000 PPB	1.24
60	166	828	13:48	3	1.063	A BB	85355.	80.000 PPB	1.24
61	138	836	13:56	3	1.073	A VB	6199.	80.000 PPB	1.24
62	198	836	13:56	4	0.917	A BB	17099.	80.000 PPB	1.24
63	169	837	13:57	4	0.918	A BB	44417.	80.000 PPB	1.24
64	248	868	14:28	4	0.952	A BB	21018.	80.000 PPB	1.24
65	284	884	14:44	4	0.969	A BB	20744.	80.000 PPB	1.24
66	266	900	15:00	4	0.987	A BB	16937.	80.000 PPB	1.24
67	178	915	15:15	4	1.003	A BV	117430.	80.000 PPB	1.24
68	178	919	15:19	4	1.008	A VB	108240.	80.000 PPB	1.24
69	149	960	16:00	4	1.053	A BB	138531.	80.000 PPB	1.24
70	202	1023	17:03	4	1.122	A BB	107516.	80.000 PPB	1.24
71	77	840	14:00	4	0.921	A BV	101039.	80.000 PPB	1.24
72	167	934	15:34	4	1.024	A BB	56049.	80.000 PPB	1.24
73	202	1044	17:24	5	0.888	A BV	110303.	80.000 PPB	1.24
74	149	1098	18:18	5	0.934	A BB	50539.	80.000 PPB	1.24
75	252	1170	19:30	5	0.995	A BB	4149.	80.000 PPB	1.24
76	228	1174	19:34	5	0.998	A BV	76809.	80.000 PPB	1.24
77	149	1164	19:24	5	0.990	A BB	69532.	80.000 PPB	1.24
78	228	1181	19:41	5	1.004	A VB	68758.	80.000 PPB	1.24
79	149	1263	21:03	6	0.859	A BB	101813.	80.000 PPB	1.24
80	252	1457	24:17	6	0.991	A BB	54980.	80.000 PPB	1.24
81	276	1845	30:45	6	1.255	A BB	49665.	80.000 PPB	1.24
82	278	1851	30:51	6	1.259	A BB	40850.	80.000 PPB	1.24
83	276	1959	32:39	6	1.333	A BB	42508.	80.000 PPB	1.24
84	252	1374	22:54	6	0.935	M XX	69212.	80.000 PPB	1.24
85	252	1380	23:00	6	0.939	M XX	57276.	80.000 PPB	1.24

11/19/14

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
51	13:03	1.00	1.005	1.00	80.00	80.00	0.950	0.950	1.00
52	13:31	1.00	1.041	1.00	80.00	80.00	0.297	0.297	1.00
53	13:06	1.00	1.009	1.00	80.00	80.00	0.170	0.170	1.00
54	13:12	1.00	1.017	1.00	80.00	80.00	0.091	0.091	1.00
55	13:16	1.00	1.022	1.00	80.00	80.00	1.294	1.294	1.00
56	13:19	1.00	1.026	1.00	80.00	80.00	0.366	0.366	1.00
57	12:44	1.00	0.981	1.00	80.00	80.00	0.334	0.334	1.00
58	13:38	1.00	1.050	1.00	80.00	80.00	1.111	1.111	1.00
59	13:45	1.00	1.059	1.00	80.00	80.00	0.532	0.532	1.00
60	13:48	1.00	1.063	1.00	80.00	80.00	1.098	1.098	1.00
61	13:56	1.00	1.073	1.00	80.00	80.00	0.080	0.080	1.00
62	13:56	1.00	0.917	1.00	80.00	80.00	0.147	0.147	1.00
63	13:57	1.00	0.918	1.00	80.00	80.00	0.382	0.382	1.00
64	14:28	1.00	0.952	1.00	80.00	80.00	0.181	0.181	1.00
65	14:44	1.00	0.969	1.00	80.00	80.00	0.178	0.178	1.00
66	15:00	1.00	0.987	1.00	80.00	80.00	0.146	0.146	1.00
67	15:15	1.00	1.003	1.00	80.00	80.00	1.010	1.010	1.00
68	15:19	1.00	1.008	1.00	80.00	80.00	0.931	0.931	1.00
69	16:00	1.00	1.053	1.00	80.00	80.00	1.191	1.191	1.00
70	17:03	1.00	1.122	1.00	80.00	80.00	0.925	0.925	1.00
71	14:00	1.00	0.921	1.00	80.00	80.00	0.869	0.869	1.00
72	15:34	1.00	1.024	1.00	80.00	80.00	0.482	0.482	1.00
73	17:24	1.00	0.888	1.00	80.00	80.00	1.627	1.627	1.00
74	18:18	1.00	0.934	1.00	80.00	80.00	0.746	0.746	1.00
75	19:30	1.00	0.995	1.00	80.00	80.00	0.061	0.061	1.00
76	19:34	1.00	0.998	1.00	80.00	80.00	1.133	1.133	1.00
77	19:24	1.00	0.990	1.00	80.00	80.00	1.026	1.026	1.00

SST0164
BS110914B

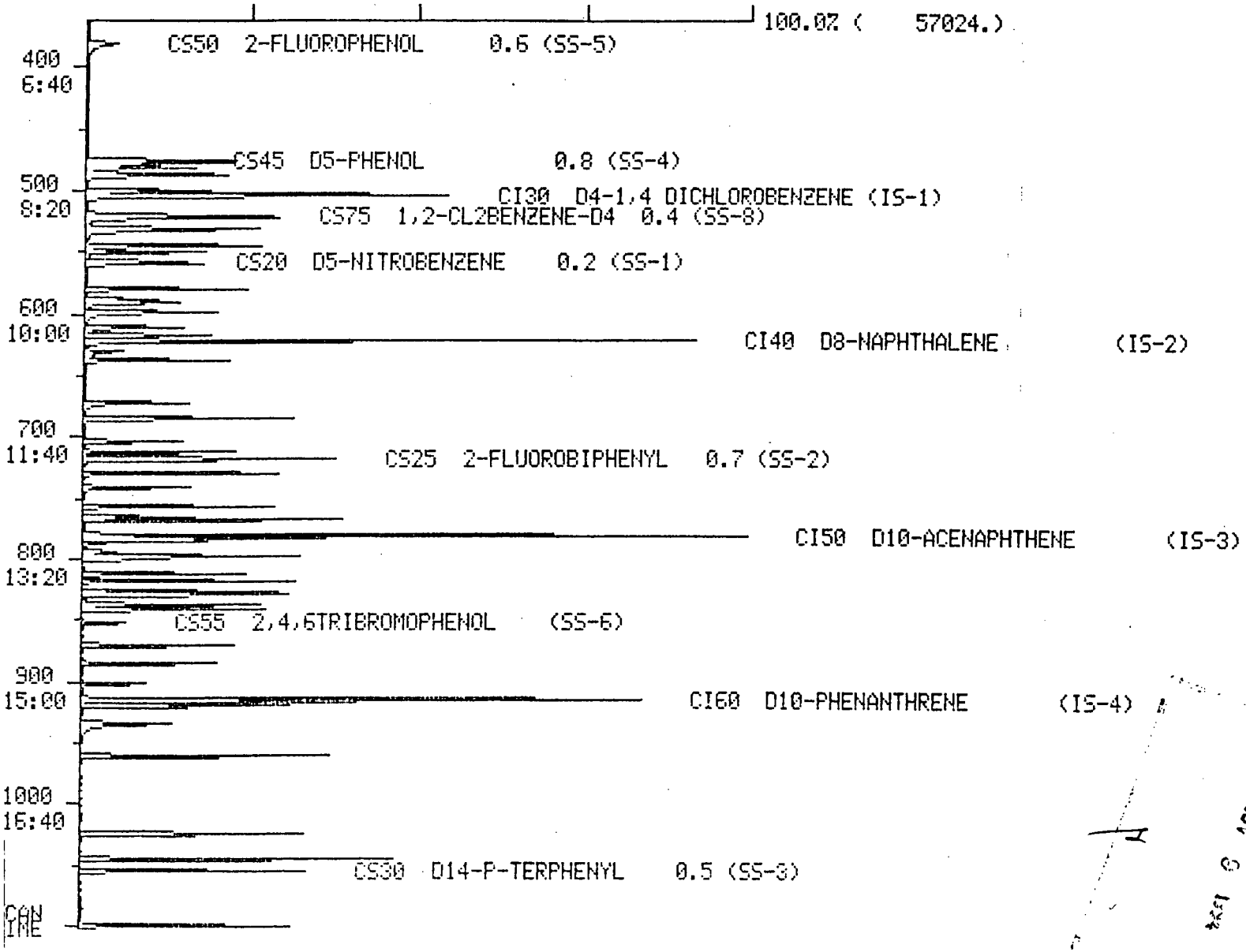
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
78	19:41	1.00	1.004	1.00	80.00	80.00	1.014	1.014	1.00
79	21:03	1.00	0.859	1.00	80.00	80.00	1.732	1.732	1.00
80	24:17	1.00	0.991	1.00	80.00	80.00	0.935	0.935	1.00
81	30:45	1.00	1.255	1.00	80.00	80.00	0.845	0.845	1.00
82	30:51	1.00	1.259	1.00	80.00	80.00	0.695	0.695	1.00
83	32:39	1.00	1.333	1.00	80.00	80.00	0.723	0.723	1.00
84	22:54	1.00	0.935	1.00	80.00	80.00	1.177	1.177	1.00
85	23:00	1.00	0.939	1.00	80.00	80.00	0.974	0.974	1.00

SSTD164
BS7/9/94/3

DATA FROM FILE: BS110994C SCANS 362 TO 1102 ACQUIRED: 11/09/94 11:08:00
CALI: BS110994C #1

SAMPLE: SSTD020 290-02-SV10

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B

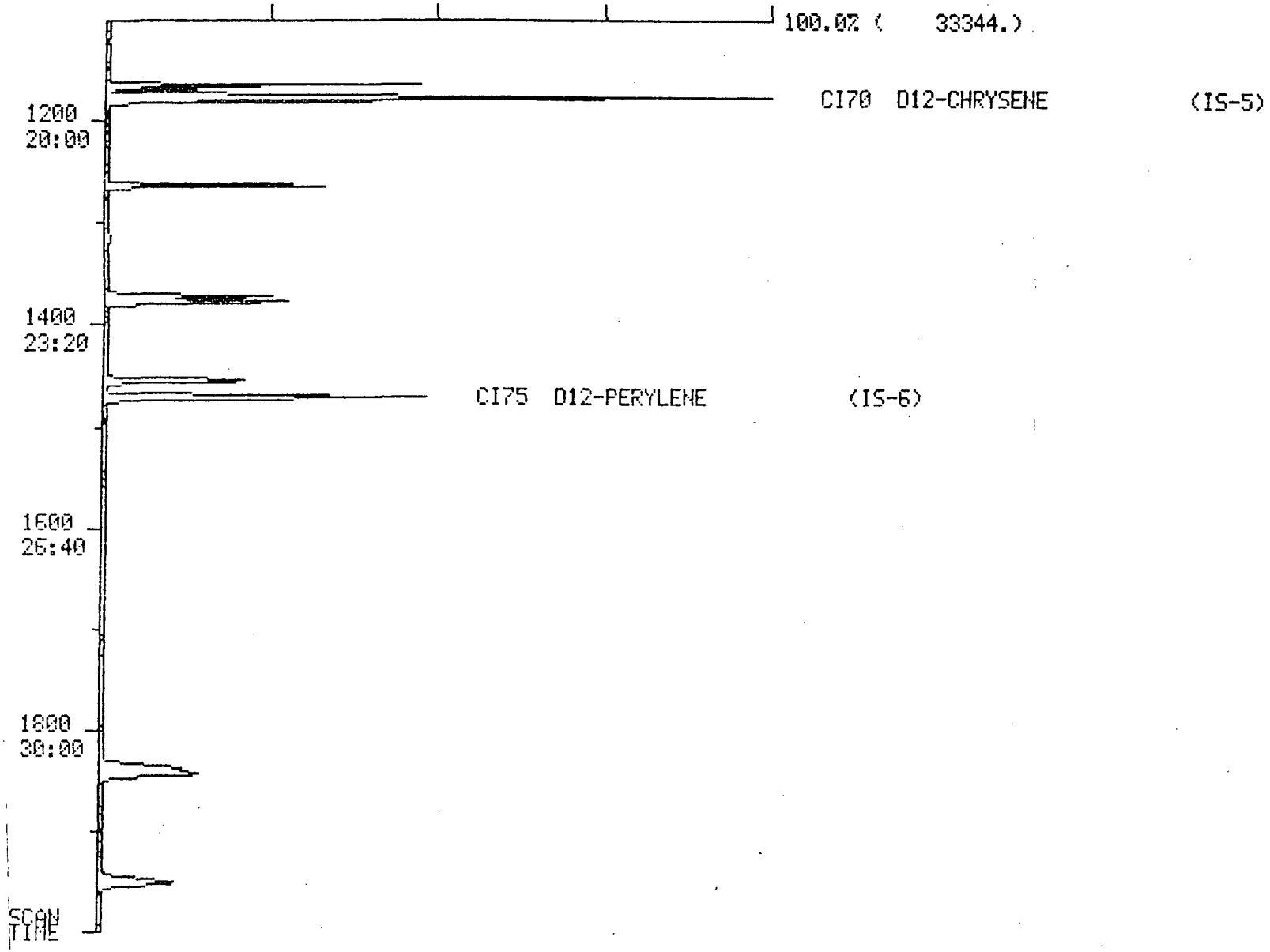


300026

DATA FROM FILE: BS110994C SCANS 1102 TO 2000 ACQUIRED: 11/09/94 11:08:00
CALI: BS110994C #1

SAMPLE: SSTD020 290-02-SV10

CONDS.: RTX-5 ,0.25MM X 30M 1.0UM 45/4-325@20 INST B



Quantitation Report File: BS110994C

Data: BS110994C.TI
11/09/94 11:08:00
Sample: SSTD020 290-02-SV10
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name			
1	CI30	D4-1,4 DICHLOROBENZENE		(IS-1)
2	CI40	D8-NAPHTHALENE		(IS-2)
3	CI50	D10-ACENAPHTHENE		(IS-3)
4	CI60	D10-PHENANTHRENE		(IS-4)
5	CI70	D12-CHRYSENE		(IS-5)
6	CI75	D12-PERYLENE		(IS-6)
7	CS50	2-FLUOROPHENOL	0.6	(SS-5)
8	CS45	D5-PHENOL	0.8	(SS-4)
9	CS20	D5-NITROBENZENE	0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL	0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL		(SS-6)
12	CS30	D14-P-TERPHENYL	0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4	0.8	(SS-7)
14	CS75	1,2-CL2BENZENE-D4	0.4	(SS-8)
15	C315	*PHENOL	0.8	
16	C325	BIS(2CHLOROETHYL)E	0.7	
17	C330	2CHLOROPHENOL	0.8	
18	C335	1,3DICHLOROBENZENE	0.6	
19	C340	*1,4DICHLOROBENZENE	0.5	T
20	C320	ANILINE		
21	C310	N-NITROSODIMETHYLAMINE		
22	C319	PYRIDINE		T
23	C345	BENZYL ALCOHOL		
24	C350	1,2DICHLOROBENZENE	0.4	
25	C355	2METHYLPHENOL	0.7	T
26	C357	2,2'OXYBIS(1CHLOROPR		
27	C365	4METHYLPHENOL	0.6	T
28	C370	&NITROSOPROPYLAMINE	0.5	
29	C375	HEXACHLOROETHANE	0.3	T
30	C410	NITROBENZENE	0.2	T
31	C415	ISOPHORONE	0.4	
32	C420	*2-NITROPHENOL	0.1	
33	C425	2,4-DIMETHYLPHENOL	0.2	
34	C430	BENZOIC ACID		
35	C435	BIS(2CHLOROETHOXY)	0.3	
36	C440	*2,4DICHLOROPHENOL	0.2	
37	C445	1,2,4TRICHLOROBENZ	0.2	
38	C450	NAPHTHALENE	0.7	
39	C455	4-CHLOROANILINE		
40	C460	*CL6BUTADIENE		T
41	C465	*4CHLRO3METHYLPHEN	0.2	
42	C470	2METHYLNAPHTHALENE	0.4	
43	C510	&CL6CYCLOPENTADIENE		
44	C515	*246TRICHLOROPHNEOL	0.2	T
45	C520	2,4,5TRICHLOROPHEN	0.2	T
46	C525	2CHLORONAPHTHALENE	0.8	
47	C530	2-NITROANILINE		

No	Name	
48	C535	DIMETHYL PHTHALATE
49	C540	ACENAPHTHYLENE 1.3
50	C545	3-NITROANILINE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	502	8:22	1	1.000	A BB	11275.	20.000 PPB	2.20
2	136	620	10:20	2	1.000	A BB	38585.	20.000 PPB	2.20
3	164	780	13:00	3	1.000	A BB	20925.	20.000 PPB	2.20
4	188	913	15:13	4	1.000	A BB	31218.	20.000 PPB	2.20
5	240	1176	19:36	5	1.000	A BB	24953.	20.000 PPB	2.20
6	264	1470	24:30	6	1.000	A BB	26606.	20.000 PPB	2.20
7	112	380	6:20	1	0.757	A BB	5253.	10.000 PPB	1.10
8	99	474	7:54	1	0.944	A BB	6726.	10.000 PPB	1.10
9	82	556	9:16	2	0.897	A BB	5634.	10.000 PPB	1.10
10	172	717	11:57	3	0.919	A BB	11506.	10.000 PPB	1.10
11	330	851	14:11	3	1.091	A BB	1158.	10.000 PPB	1.10
12	244	1053	17:33	5	0.895	A BB	10177.	10.000 PPB	1.10
13	132	485	8:05	1	0.966	A BB	5724.	10.000 PPB	1.10
14	152	520	8:40	1	1.036	A BB	4123.	10.000 PPB	1.10
15	94	475	7:55	1	0.946	A BB	8656.	10.000 PPB	1.10
16	93	480	8:00	1	0.956	A VB	7634.	10.000 PPB	1.10
17	128	486	8:06	1	0.968	A BB	6285.	10.000 PPB	1.10
18	146	498	8:18	1	0.992	A BV	6749.	10.000 PPB	1.10
19	146	503	8:23	1	1.002	A VB	6861.	10.000 PPB	1.10
20	93	476	7:56	1	0.948	A BV	6826.	10.000 PPB	1.10
21	74	201	3:21	1	0.400	A BB	3086.	10.000 PPB	1.10
22	79	202	3:22	1	0.402	A BB	4918.	10.000 PPB	1.10
23	108	518	8:38	1	1.032	A BV	2917.	10.000 PPB	1.10
24	146	521	8:41	1	1.038	A BB	6199.	10.000 PPB	1.10
25	108	529	8:49	1	1.054	A VB	6378.	10.000 PPB	1.10
26	45	530	8:50	1	1.056	A BB	7359.	10.000 PPB	1.10
27	108	542	9:02	1	1.080	A BB	6168.	10.000 PPB	1.10
28	70	543	9:03	1	1.082	A BB	3317.	10.000 PPB	1.10
29	117	549	9:09	1	1.094	A BB	2479.	10.000 PPB	1.10
30	77	558	9:18	2	0.900	A BB	5422.	10.000 PPB	1.10
31	82	578	9:38	2	0.932	A BB	10522.	10.000 PPB	1.10
32	139	587	9:47	2	0.947	A BB	3287.	10.000 PPB	1.10
33	107	590	9:50	2	0.952	A BB	4247.	10.000 PPB	1.10
34	122	599	9:59	2	0.966	A VB	2454.	10.000 PPB	1.10
35	93	597	9:57	2	0.963	A BB	7241.	10.000 PPB	1.10
36	162	609	10:09	2	0.982	A BB	4994.	10.000 PPB	1.10
37	180	615	10:15	2	0.992	A BB	5190.	10.000 PPB	1.10
38	128	622	10:22	2	1.003	A BB	17066.	10.000 PPB	1.10
39	127	629	10:29	2	1.015	A VB	5289.	10.000 PPB	1.10
40	225	636	10:36	2	1.026	A BB	2485.	10.000 PPB	1.10
41	107	671	11:11	2	1.082	A BB	4375.	10.000 PPB	1.10
42	142	683	11:23	2	1.102	A BB	10825.	10.000 PPB	1.10
43	237	703	11:43	3	0.901	A BB	2651.	10.000 PPB	1.10
44	196	711	11:51	3	0.912	A BV	3523.	10.000 PPB	1.10
45	196	716	11:56	3	0.918	A VB	3603.	10.000 PPB	1.10
46	162	728	12:08	3	0.933	A BB	10456.	10.000 PPB	1.10
47	65	740	12:20	3	0.949	A BB	2826.	10.000 PPB	1.10
48	163	755	12:35	3	0.968	A BB	11556.	10.000 PPB	1.10
49	152	766	12:46	3	0.982	A BB	17369.	10.000 PPB	1.10
50	138	778	12:58	3	0.997	A BB	913.	10.000 PPB	1.10

S510029

B5119994

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:20	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:00	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:13	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:36	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:20	1.00	0.757	1.00	10.00	10.00	0.932	0.932	1.00
8	7:54	1.00	0.944	1.00	10.00	10.00	1.193	1.193	1.00
9	9:16	1.00	0.897	1.00	10.00	10.00	0.292	0.292	1.00
10	11:57	1.00	0.919	1.00	10.00	10.00	1.100	1.100	1.00
11	14:11	1.00	1.091	1.00	10.00	10.00	0.111	0.111	1.00
12	17:33	1.00	0.895	1.00	10.00	10.00	0.816	0.816	1.00
13	8:05	1.00	0.966	1.00	10.00	10.00	1.015	1.015	1.00
14	8:40	1.00	1.036	1.00	10.00	10.00	0.731	0.731	1.00
15	7:55	1.00	0.946	1.00	10.00	10.00	1.535	1.535	1.00
16	8:00	1.00	0.956	1.00	10.00	10.00	1.354	1.354	1.00
17	8:06	1.00	0.968	1.00	10.00	10.00	1.115	1.115	1.00
18	8:18	1.00	0.992	1.00	10.00	10.00	1.197	1.197	1.00
19	8:23	1.00	1.002	1.00	10.00	10.00	1.217	1.217	1.00
20	7:56	1.00	0.948	1.00	10.00	10.00	1.211	1.211	1.00
21	3:21	1.00	0.400	1.00	10.00	10.00	0.547	0.547	1.00
22	3:22	1.00	0.402	1.00	10.00	10.00	0.872	0.872	1.00
23	8:38	1.00	1.032	1.00	10.00	10.00	0.518	0.518	1.00
24	8:41	1.00	1.038	1.00	10.00	10.00	1.100	1.100	1.00
25	8:49	1.00	1.054	1.00	10.00	10.00	1.131	1.131	1.00
26	8:50	1.00	1.056	1.00	10.00	10.00	1.305	1.305	1.00
27	9:02	1.00	1.080	1.00	10.00	10.00	1.094	1.094	1.00
28	9:03	1.00	1.082	1.00	10.00	10.00	0.588	0.588	1.00
29	9:09	1.00	1.094	1.00	10.00	10.00	0.440	0.440	1.00
30	9:18	1.00	0.900	1.00	10.00	10.00	0.281	0.281	1.00
31	9:38	1.00	0.932	1.00	10.00	10.00	0.545	0.545	1.00
32	9:47	1.00	0.947	1.00	10.00	10.00	0.170	0.170	1.00
33	9:50	1.00	0.952	1.00	10.00	10.00	0.220	0.220	1.00
34	9:59	1.00	0.966	1.00	10.00	10.00	0.127	0.127	1.00
35	9:57	1.00	0.963	1.00	10.00	10.00	0.375	0.375	1.00
36	10:09	1.00	0.982	1.00	10.00	10.00	0.259	0.259	1.00
37	10:15	1.00	0.992	1.00	10.00	10.00	0.269	0.269	1.00
38	10:22	1.00	1.003	1.00	10.00	10.00	0.885	0.885	1.00
39	10:29	1.00	1.015	1.00	10.00	10.00	0.274	0.274	1.00
40	10:36	1.00	1.026	1.00	10.00	10.00	0.129	0.129	1.00
41	11:11	1.00	1.082	1.00	10.00	10.00	0.227	0.227	1.00
42	11:23	1.00	1.102	1.00	10.00	10.00	0.561	0.561	1.00
43	11:43	1.00	0.901	1.00	10.00	10.00	0.253	0.253	1.00
44	11:51	1.00	0.912	1.00	10.00	10.00	0.337	0.337	1.00
45	11:56	1.00	0.918	1.00	10.00	10.00	0.344	0.344	1.00
46	12:08	1.00	0.933	1.00	10.00	10.00	0.999	0.999	1.00
47	12:20	1.00	0.949	1.00	10.00	10.00	0.270	0.270	1.00
48	12:35	1.00	0.968	1.00	10.00	10.00	1.105	1.105	1.00
49	12:46	1.00	0.982	1.00	10.00	10.00	1.660	1.660	1.00
50	12:58	1.00	0.997	1.00	10.00	10.00	0.087	0.087	1.00

S5T0φ24
B51149940

Quantitation Report File: BS110994C

Data: BS110994C.TI
11/09/94 11:08:00
Sample: SSTD020 290-02-SV10
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
51	C550	*ACENAPHTHENE	0.8
52	C321	2,3,4,6-TETRACHLOROPHENOL	
53	C555	&2,4DINITROPHENOL	
54	C560	&4NITROPHENOL	
55	C565	DIBENZOFURAN	0.8
56	C570	2,4DINITROTOLUENE	0.2 T
57	C543	2,6DINITROTOLUENE	0.2
58	C580	DIETHYL PHTHALATE	
59	C585	4CHLOROPHENYL PHEN	0.4
60	C590	FLUORENE	0.9
61	C595	4-NITROANILINE	
62	C610	4,6DINITRO2METHYLPH	
63	C615	*DIPHENYLAMINE	
64	C625	4BROMOPHENYL PHENY	0.1
65	C630	CL6BENZENE	0.1 T
66	C635	*PENTACHLOROPHENOL	0.05 T
67	C650	DI-NBUTYLPHTHALATE	
68	C655	*FLUORANTHENE	0.6
69	D200	1,2-DIPHENYLHYDRAZINE	
70	C647	CARBAZOLE	
71	C715	PYRENE	0.6
72	C720	BUTYLBENZYLPHTHALATE	
73	C725	3,3'CL2BENZIDINE	
74	C730	BENZO(A)ANTHRACENE	0.8
75	C740	BIS(2ETHYLHEXYL)PHTH	
76	C735	CHRYSENE	0.7
77	C760	*DI-N-OCTYLPHTHALATE	
78	C765	BENZO(B)FLUORANTHE	0.7
79	C770	BENZO(K)FLUORANTHE	0.7
80	C775	*BENZO(A)PYRENE	0.7
81	C780	INDENO(1,2,3CD)PYR	0.5
82	C785	DIBENZO(A,H)ANTHRA	0.4
83	C790	BENZO(G,H,I)PERYLE	0.5
84	C640	PHENANTHRENE	0.7
85	C645	ANTHRACENE	0.7

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.004	A BB	9553.	10.000 PPB	1.10
52	232	811	13:31	3	1.040	A BB	3119.	10.000 PPB	1.10
53	184	786	13:06	3	1.008	A BB	1100.	10.000 PPB	1.10
54	109	792	13:12	3	1.015	A BB	686.	10.000 PPB	1.10
55	168	796	13:16	3	1.021	A BB	14138.	10.000 PPB	1.10
56	165	798	13:18	3	1.023	A BB	3534.	10.000 PPB	1.10
57	165	763	12:43	3	0.978	A BB	2928.	10.000 PPB	1.10
58	149	817	13:37	3	1.047	A BB	10779.	10.000 PPB	1.10

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	825	13:45	3	1.058	A BB	5345.	10.000 PPB	1.10
60	166	827	13:47	3	1.060	A BB	11505.	10.000 PPB	1.10
61	138	835	13:55	3	1.071	A VB	1539.	10.000 PPB	1.10
62	198	835	13:55	4	0.915	A BB	1896.	10.000 PPB	1.10
63	169	836	13:56	4	0.916	A BB	6620.	10.000 PPB	1.10
64	248	869	14:29	4	0.952	A BB	2962.	10.000 PPB	1.10
65	284	884	14:44	4	0.968	A BB	2889.	10.000 PPB	1.10
66	266	900	15:00	4	0.986	A BB	1684.	10.000 PPB	1.10
67	149	960	16:00	4	1.051	A BB	19015.	10.000 PPB	1.10
68	202	1022	17:02	4	1.119	A BB	16186.	10.000 PPB	1.10
69	77	839	13:59	4	0.919	A BB	11572.	10.000 PPB	1.10
70	167	933	15:33	4	1.022	A BB	13167.	10.000 PPB	1.10
71	202	1044	17:24	5	0.888	A BB	16994.	10.000 PPB	1.10
72	149	1098	18:18	5	0.934	A BB	8488.	10.000 PPB	1.10
73	252	1167	19:27	5	0.992	A BB	3485.	10.000 PPB	1.10
74	228	1173	19:33	5	0.997	A BV	14398.	10.000 PPB	1.10
75	149	1163	19:23	5	0.989	A BB	11639.	10.000 PPB	1.10
76	228	1179	19:39	5	1.003	A VB	13060.	10.000 PPB	1.10
77	149	1262	21:02	6	0.859	A BB	19173.	10.000 PPB	1.10
78	252	1371	22:51	6	0.933	A BV	13884.	10.000 PPB	1.10
79	252	1376	22:56	6	0.936	A VB	12380.	10.000 PPB	1.10
80	252	1453	24:13	6	0.988	A BB	12605.	10.000 PPB	1.10
81	276	1836	30:36	6	1.249	A BB	13221.	10.000 PPB	1.10
82	278	1842	30:42	6	1.253	A BB	10243.	10.000 PPB	1.10
83	276	1950	32:30	6	1.327	A BB	11093.	10.000 PPB	1.10
84	178	915	15:15	4	1.002	M XX	15659.	10.000 PPB	1.10
85	178	918	15:18	4	1.005	M XX	16210.	10.000 PPB	1.10

11/5/14

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	13:03	1.00	1.004	1.00	10.00	10.00	0.913	0.913	1.00
52	13:31	1.00	1.040	1.00	10.00	10.00	0.298	0.298	1.00
53	13:06	1.00	1.008	1.00	10.00	10.00	0.105	0.105	1.00
54	13:12	1.00	1.015	1.00	10.00	10.00	0.066	0.066	1.00
55	13:16	1.00	1.021	1.00	10.00	10.00	1.351	1.351	1.00
56	13:18	1.00	1.023	1.00	10.00	10.00	0.338	0.338	1.00
57	12:43	1.00	0.978	1.00	10.00	10.00	0.280	0.280	1.00
58	13:37	1.00	1.047	1.00	10.00	10.00	1.030	1.030	1.00
59	13:45	1.00	1.058	1.00	10.00	10.00	0.511	0.511	1.00
60	13:47	1.00	1.060	1.00	10.00	10.00	1.100	1.100	1.00
61	13:55	1.00	1.071	1.00	10.00	10.00	0.147	0.147	1.00
62	13:55	1.00	0.915	1.00	10.00	10.00	0.121	0.121	1.00
63	13:56	1.00	0.916	1.00	10.00	10.00	0.424	0.424	1.00
64	14:29	1.00	0.952	1.00	10.00	10.00	0.190	0.190	1.00
65	14:44	1.00	0.968	1.00	10.00	10.00	0.185	0.185	1.00
66	15:00	1.00	0.986	1.00	10.00	10.00	0.108	0.108	1.00
67	16:00	1.00	1.051	1.00	10.00	10.00	1.218	1.218	1.00
68	17:02	1.00	1.119	1.00	10.00	10.00	1.037	1.037	1.00
69	13:59	1.00	0.919	1.00	10.00	10.00	0.741	0.741	1.00
70	15:33	1.00	1.022	1.00	10.00	10.00	0.844	0.844	1.00
71	17:24	1.00	0.888	1.00	10.00	10.00	1.362	1.362	1.00
72	18:18	1.00	0.934	1.00	10.00	10.00	0.680	0.680	1.00
73	19:27	1.00	0.992	1.00	10.00	10.00	0.279	0.279	1.00
74	19:33	1.00	0.997	1.00	10.00	10.00	1.154	1.154	1.00
75	19:23	1.00	0.989	1.00	10.00	10.00	0.933	0.933	1.00
76	19:39	1.00	1.003	1.00	10.00	10.00	1.047	1.047	1.00
77	21:02	1.00	0.859	1.00	10.00	10.00	1.441	1.441	1.00

SST0029
B5119554C

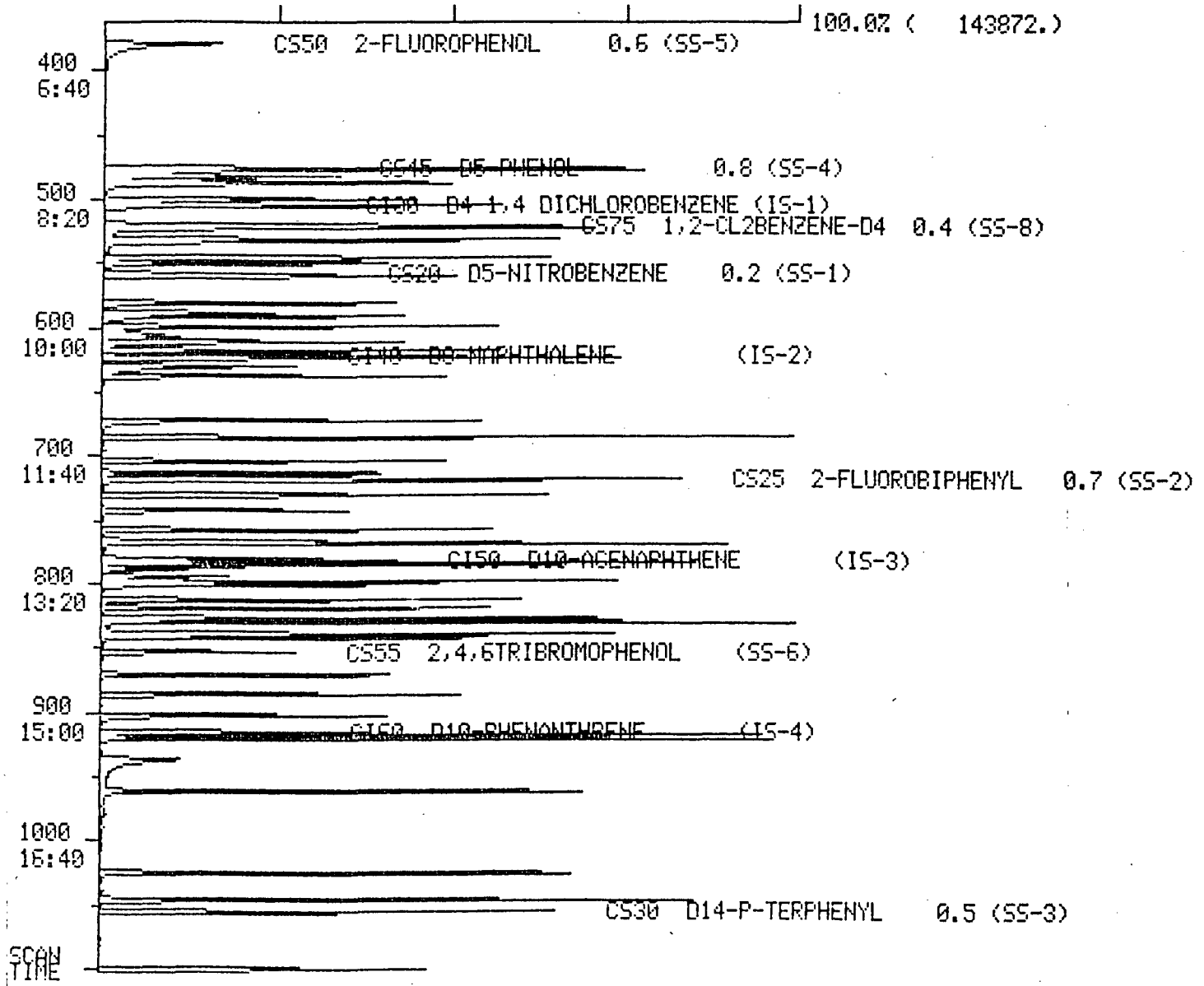
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	22:51	1.00	0.933	1.00	10.00	10.00	1.044	1.044	1.00
79	22:56	1.00	0.936	1.00	10.00	10.00	0.931	0.931	1.00
80	24:13	1.00	0.988	1.00	10.00	10.00	0.948	0.948	1.00
81	30:36	1.00	1.249	1.00	10.00	10.00	0.994	0.994	1.00
82	30:42	1.00	1.253	1.00	10.00	10.00	0.770	0.770	1.00
83	32:30	1.00	1.327	1.00	10.00	10.00	0.834	0.834	1.00
84	15:15	1.00	1.002	1.00	10.00	10.00	1.003	1.003	1.00
85	15:18	1.00	1.005	1.00	10.00	10.00	1.039	1.039	1.00

SSTD024
B5110994C

DATA FROM FILE: BS110994D SCANS 362 TO 1102 ACQUIRED: 11/09/94 11:48:00
CALI: BS110994D #1

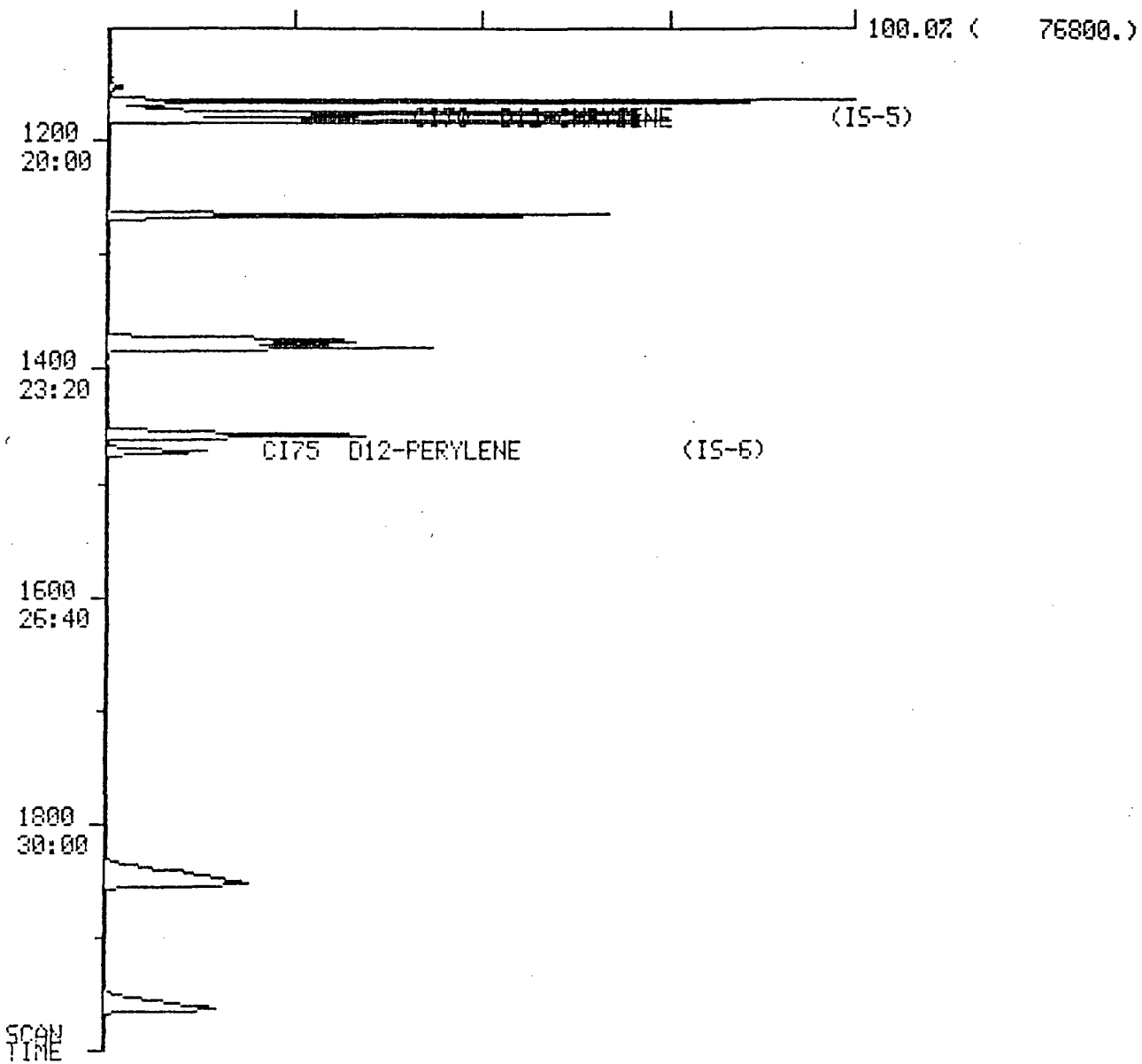
SAMPLE: SSTD120 290-02-SV60

CONDS.: RTX-5 ,0.25MM X 30M 1.0UM 45/4-325@20 INST B



300034

DATA FROM FILE: BS110994D SCANS 1102 TO 2000 ACQUIRED: 11/09/94 11:48:00
CALI: BS110994D #1
SAMPLE: SSTD120 290-02-SV60
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



Quantitation Report File: BS110994D

Data: BS110994D.TI
11/09/94 11:48:00
Sample: SSTD120 290-02-SV60
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name			
1	C130	D4-1,4 DICHLOROBENZENE		(IS-1)
2	C140	D8-NAPHTHALENE		(IS-2)
3	C150	D10-ACENAPHTHENE		(IS-3)
4	C160	D10-PHENANTHRENE		(IS-4)
5	C170	D12-CHRYSENE		(IS-5)
6	C175	D12-PERYLENE		(IS-6)
7	CS50	2-FLUOROPHENOL	0.6	(SS-5)
8	CS45	D5-PHENOL	0.8	(SS-4)
9	CS20	D5-NITROBENZENE	0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL	0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL		(SS-6)
12	CS30	D14-P-TERPHENYL	0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4	0.8	(SS-7)
14	CS75	1,2-CL2BENZENE-D4	0.4	(SS-8)
15	C315	*PHENOL	0.8	
16	C325	BIS(2CHLOROETHYL)E	0.7	
17	C330	2CHLOROPHENOL	0.8	
18	C335	1,3DICHLOROBENZENE	0.6	
19	C340	*1,4DICHLOROBENZENE	0.5	T
20	C320	ANILINE		
21	C310	N-NITROSODIMETHYLAMINE		
22	C319	PYRIDINE		T
23	C345	BENZYL ALCOHOL		
24	C350	1,2DICHLOROBENZENE	0.4	
25	C355	2METHYLPHENOL	0.7	T
26	C357	2,2'OXYBIS(1CHLOROPR		
27	C365	4METHYLPHENOL	0.6	T
28	C370	&NITROSOPROPYLAMINE	0.5	
29	C375	HEXACHLOROETHANE	0.3	T
30	C410	NITROBENZENE	0.2	T
31	C415	ISOPHORONE	0.4	
32	C420	*2-NITROPHENOL	0.1	
33	C425	2,4-DIMETHYLPHENOL	0.2	
34	C430	BENZOIC ACID		
35	C435	BIS(2CHLOROETHOXY)	0.3	
36	C440	*2,4DICHLOROPHENOL	0.2	
37	C445	1,2,4TRICHLOROBENZ	0.2	
38	C450	NAPHTHALENE	0.7	
39	C455	4-CHLOROANILINE		
40	C460	*CL6BUTADIENE		T
41	C465	*4CHLORO3METHYLPHEN	0.2	
42	C470	2METHYLNAPHTHALENE	0.4	
43	C510	&CL6CYCLOPENTADIENE		
44	C515	*246TRICHLOROPHNEOL	0.2	T
45	C520	2,4,5TRICHLOROPHEN	0.2	T
46	C525	2CHLORONAPHTHALENE	0.8	
47	C530	2-NITROANILINE		

300036

No	Name									
48	C535	DIMETHYL PHTHALATE								
49	C540	ACENAPHTHYLENE	1.3							
50	C545	3-NITROANILINE								

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	502	8:22	1	1.000	A BB	10537.	20.000 PPB	0.41
2	136	620	10:20	2	1.000	A BB	35662.	20.000 PPB	0.41
3	164	780	13:00	3	1.000	A BB	19566.	20.000 PPB	0.41
4	188	913	15:13	4	1.000	A BB	29511.	20.000 PPB	0.41
5	240	1177	19:37	5	1.000	A BB	18310.	20.000 PPB	0.41
6	264	1471	24:31	6	1.000	A BB	16752.	20.000 PPB	0.41
7	112	378	6:18	1	0.753	A BB	32550.	60.000 PPB	1.23
8	99	474	7:54	1	0.944	A BV	42973.	60.000 PPB	1.23
9	82	557	9:17	2	0.898	A BB	31873.	60.000 PPB	1.23
10	172	717	11:57	3	0.919	A BB	60592.	60.000 PPB	1.23
11	330	852	14:12	3	1.092	A BB	7146.	60.000 PPB	1.23
12	244	1054	17:34	5	0.895	A BB	47947.	60.000 PPB	1.23
13	132	485	8:05	1	0.966	A BB	35752.	60.000 PPB	1.23
14	152	520	8:40	1	1.036	A BB	22656.	60.000 PPB	1.23
15	94	476	7:56	1	0.948	A BB	51743.	60.000 PPB	1.23
16	93	481	8:01	1	0.958	A VB	45939.	60.000 PPB	1.23
17	128	486	8:06	1	0.968	A BB	36433.	60.000 PPB	1.23
18	146	498	8:18	1	0.992	A BV	40853.	60.000 PPB	1.23
19	146	503	8:23	1	1.002	A VB	41213.	60.000 PPB	1.23
20	93	476	7:56	1	0.948	A BV	45849.	60.000 PPB	1.23
21	74	199	3:19	1	0.396	A BB	20700.	60.000 PPB	1.23
22	79	199	3:19	1	0.396	A BB	29433.	60.000 PPB	1.23
23	108	518	8:38	1	1.032	A BV	19544.	60.000 PPB	1.23
24	146	521	8:41	1	1.038	A BB	38563.	60.000 PPB	1.23
25	108	530	8:50	1	1.056	A VB	33006.	60.000 PPB	1.23
26	45	530	8:50	1	1.056	A BB	42716.	60.000 PPB	1.23
27	108	543	9:03	1	1.082	A BB	32504.	60.000 PPB	1.23
28	70	545	9:05	1	1.086	A BB	20736.	60.000 PPB	1.23
29	117	549	9:09	1	1.094	A BB	14837.	60.000 PPB	1.23
30	77	559	9:19	2	0.902	A BB	34432.	60.000 PPB	1.23
31	82	579	9:39	2	0.934	A BV	65071.	60.000 PPB	1.23
32	139	587	9:47	2	0.947	A BB	19786.	60.000 PPB	1.23
33	107	590	9:50	2	0.952	A BB	23894.	60.000 PPB	1.23
34	122	606	10:06	2	0.977	A VB	17435.	60.000 PPB	1.23
35	93	598	9:58	2	0.965	A BB	44033.	60.000 PPB	1.23
36	162	609	10:09	2	0.982	A BB	28289.	60.000 PPB	1.23
37	180	616	10:16	2	0.994	A BB	29790.	60.000 PPB	1.23
38	128	622	10:22	2	1.003	A BV	89113.	60.000 PPB	1.23
39	127	629	10:29	2	1.015	A BB	38828.	60.000 PPB	1.23
40	225	636	10:36	2	1.026	A BB	13762.	60.000 PPB	1.23
41	107	671	11:11	2	1.082	A BB	27386.	60.000 PPB	1.23
42	142	684	11:24	2	1.103	A BB	66210.	60.000 PPB	1.23
43	237	703	11:43	3	0.901	A BB	17508.	60.000 PPB	1.23
44	196	711	11:51	3	0.912	A BV	19552.	60.000 PPB	1.23
45	196	716	11:56	3	0.918	A VB	22302.	60.000 PPB	1.23
46	162	728	12:08	3	0.933	A BB	59680.	60.000 PPB	1.23
47	65	741	12:21	3	0.950	A BB	17201.	60.000 PPB	1.23
48	163	756	12:36	3	0.969	A BB	65299.	60.000 PPB	1.23
49	152	767	12:47	3	0.983	A BB	91731.	60.000 PPB	1.23
50	138	779	12:59	3	0.999	A VB	9340.	60.000 PPB	1.23

SST0124
BS1199940

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:20	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:00	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:13	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:37	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:18	1.00	0.753	1.00	60.00	60.00	1.030	1.030	1.00
8	7:54	1.00	0.944	1.00	60.00	60.00	1.359	1.359	1.00
9	9:17	1.00	0.898	1.00	60.00	60.00	0.298	0.298	1.00
10	11:57	1.00	0.919	1.00	60.00	60.00	1.032	1.032	1.00
11	14:12	1.00	1.092	1.00	60.00	60.00	0.122	0.122	1.00
12	17:34	1.00	0.895	1.00	60.00	60.00	0.873	0.873	1.00
13	8:05	1.00	0.966	1.00	60.00	60.00	1.131	1.131	1.00
14	8:40	1.00	1.036	1.00	60.00	60.00	0.717	0.717	1.00
15	7:56	1.00	0.948	1.00	60.00	60.00	1.637	1.637	1.00
16	8:01	1.00	0.958	1.00	60.00	60.00	1.453	1.453	1.00
17	8:06	1.00	0.968	1.00	60.00	60.00	1.153	1.153	1.00
18	8:18	1.00	0.992	1.00	60.00	60.00	1.292	1.292	1.00
19	8:23	1.00	1.002	1.00	60.00	60.00	1.304	1.304	1.00
20	7:56	1.00	0.948	1.00	60.00	60.00	1.450	1.450	1.00
21	3:19	1.00	0.396	1.00	60.00	60.00	0.655	0.655	1.00
22	3:19	1.00	0.396	1.00	60.00	60.00	0.931	0.931	1.00
23	8:38	1.00	1.032	1.00	60.00	60.00	0.618	0.618	1.00
24	8:41	1.00	1.038	1.00	60.00	60.00	1.220	1.220	1.00
25	8:50	1.00	1.056	1.00	60.00	60.00	1.044	1.044	1.00
26	8:50	1.00	1.056	1.00	60.00	60.00	1.351	1.351	1.00
27	9:03	1.00	1.082	1.00	60.00	60.00	1.028	1.028	1.00
28	9:05	1.00	1.086	1.00	60.00	60.00	0.656	0.656	1.00
29	9:09	1.00	1.094	1.00	60.00	60.00	0.469	0.469	1.00
30	9:19	1.00	0.902	1.00	60.00	60.00	0.322	0.322	1.00
31	9:39	1.00	0.934	1.00	60.00	60.00	0.608	0.608	1.00
32	9:47	1.00	0.947	1.00	60.00	60.00	0.185	0.185	1.00
33	9:50	1.00	0.952	1.00	60.00	60.00	0.223	0.223	1.00
34	10:06	1.00	0.977	1.00	60.00	60.00	0.163	0.163	1.00
35	9:58	1.00	0.965	1.00	60.00	60.00	0.412	0.412	1.00
36	10:09	1.00	0.982	1.00	60.00	60.00	0.264	0.264	1.00
37	10:16	1.00	0.994	1.00	60.00	60.00	0.278	0.278	1.00
38	10:22	1.00	1.003	1.00	60.00	60.00	0.833	0.833	1.00
39	10:29	1.00	1.015	1.00	60.00	60.00	0.363	0.363	1.00
40	10:36	1.00	1.026	1.00	60.00	60.00	0.129	0.129	1.00
41	11:11	1.00	1.082	1.00	60.00	60.00	0.256	0.256	1.00
42	11:24	1.00	1.103	1.00	60.00	60.00	0.619	0.619	1.00
43	11:43	1.00	0.901	1.00	60.00	60.00	0.298	0.298	1.00
44	11:51	1.00	0.912	1.00	60.00	60.00	0.333	0.333	1.00
45	11:56	1.00	0.918	1.00	60.00	60.00	0.380	0.380	1.00
46	12:08	1.00	0.933	1.00	60.00	60.00	1.017	1.017	1.00
47	12:21	1.00	0.950	1.00	60.00	60.00	0.293	0.293	1.00
48	12:36	1.00	0.969	1.00	60.00	60.00	1.112	1.112	1.00
49	12:47	1.00	0.983	1.00	60.00	60.00	1.563	1.563	1.00
50	12:59	1.00	0.999	1.00	60.00	60.00	0.159	0.159	1.00

SSTO124

BS1109940

300038

Quantitation Report File: BS110994D

Data: BS110994D.TI
11/09/94 11:48:00
Sample: SSTD120 290-02-SV60
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
51	C550	*ACENAPHTHENE	0.8
52	C321	2,3,4,6-TETRACHLOROPHENOL	
53	C555	&2,4DINITROPHENOL	
54	C560	&4NITROPHENOL	
55	C565	DIBENZOFURAN	0.8
56	C570	2,4DINITROTOLUENE	0.2 T
57	C543	2,6DINITROTOLUENE	0.2
58	C580	DIETHYL PHTHALATE	
59	C585	4CHLOROPHENYL PHEN	0.4
60	C590	FLUORENE	0.9
61	C595	4-NITROANILINE	
62	C610	4,6DINITRO2METHYLPH	
63	C615	*DIPHENYLAMINE	
64	C625	4BROMOPHENYL PHENY	0.1
65	C630	CL6BENZENE	0.1 T
66	C635	*PENTACHLOROPHENOL	0.05 T
67	C640	PHENANTHRENE	0.7
68	C645	ANTHRACENE	0.7
69	C650	DI-NBUTYLPHTHALATE	
70	C655	*FLUORANTHENE	0.6
71	D200	1,2-DIPHENYLHYDRAZINE	
72	C647	CARBAZOLE	
73	C715	PYRENE	0.6
74	C720	BUTYLBENZYLPHTHALATE	
75	C725	3,3'CL2BENZIDINE	
76	C730	BENZO(A)ANTHRACENE	0.8
77	C740	BIS(2ETHYLHEXYL)PHTH	
78	C735	CHRYSENE	0.7
79	C760	*DI-N-OCTYLPHTHALATE	
80	C775	*BENZO(A)PYRENE	0.7
81	C780	INDENO(1,2,3CD)PYR	0.5
82	C785	DIBENZO(A,H)ANTHRA	0.4
83	C790	BENZO(G,H,I)PERYLE	0.5
84	C765	BENZO(B)FLUORANTHE	0.7
85	C770	BENZO(K)FLUORANTHE	0.7

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.004	A BB	52715.	60.000 PPB	1.23
52	232	812	13:32	3	1.041	A BB	18594.	60.000 PPB	1.23
53	184	787	13:07	3	1.009	A BB	10409.	60.000 PPB	1.23
54	109	793	13:13	3	1.017	A BB	5381.	60.000 PPB	1.23
55	168	797	13:17	3	1.022	A BB	75675.	60.000 PPB	1.23
56	165	800	13:20	3	1.026	A BB	22170.	60.000 PPB	1.23
57	165	764	12:44	3	0.979	A BB	17232.	60.000 PPB	1.23
58	149	818	13:38	3	1.049	A BB	61901.	60.000 PPB	1.23

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	826	13:46	3	1.059	A BB	32173.	60.000 PPB	1.23
60	166	829	13:49	3	1.063	A BB	68643.	60.000 PPB	1.23
61	138	837	13:57	3	1.073	A VB	6633.	60.000 PPB	1.23
62	198	837	13:57	4	0.917	A BB	12852.	60.000 PPB	1.23
63	169	838	13:58	4	0.918	A BB	36106.	60.000 PPB	1.23
64	248	869	14:29	4	0.952	A BB	15838.	60.000 PPB	1.23
65	284	885	14:45	4	0.969	A BB	16296.	60.000 PPB	1.23
66	266	901	15:01	4	0.987	A BB	12616.	60.000 PPB	1.23
67	178	916	15:16	4	1.003	A BV	93076.	60.000 PPB	1.23
68	178	920	15:20	4	1.008	A VB	94272.	60.000 PPB	1.23
69	149	961	16:01	4	1.053	A BB	112068.	60.000 PPB	1.23
70	202	1023	17:03	4	1.120	A BB	83216.	60.000 PPB	1.23
71	77	841	14:01	4	0.921	A BB	74249.	60.000 PPB	1.23
72	167	935	15:35	4	1.024	A BB	41797.	60.000 PPB	1.23
73	202	1045	17:25	5	0.888	A BB	79977.	60.000 PPB	1.23
74	149	1098	18:18	5	0.933	A BB	41173.	60.000 PPB	1.23
75	252	1170	19:30	5	0.994	A BB	4604.	60.000 PPB	1.23
76	228	1174	19:34	5	0.997	A BV	60473.	60.000 PPB	1.23
77	149	1164	19:24	5	0.989	A BB	55996.	60.000 PPB	1.23
78	228	1181	19:41	5	1.003	A VB	55856.	60.000 PPB	1.23
79	149	1264	21:04	6	0.859	A BB	84020.	60.000 PPB	1.23
80	252	1457	24:17	6	0.990	A BB	46588.	60.000 PPB	1.23
81	276	1843	30:43	6	1.253	A BB	44926.	60.000 PPB	1.23
82	278	1851	30:51	6	1.258	A BB	34808.	60.000 PPB	1.23
83	276	1961	32:41	6	1.333	A BB	36370.	60.000 PPB	1.23
84	252	1374	22:54	6	0.934	M XX	57638.	60.000 PPB	1.23
85	252	1380	23:00	6	0.938	M XX	48508.	60.000 PPB	1.23

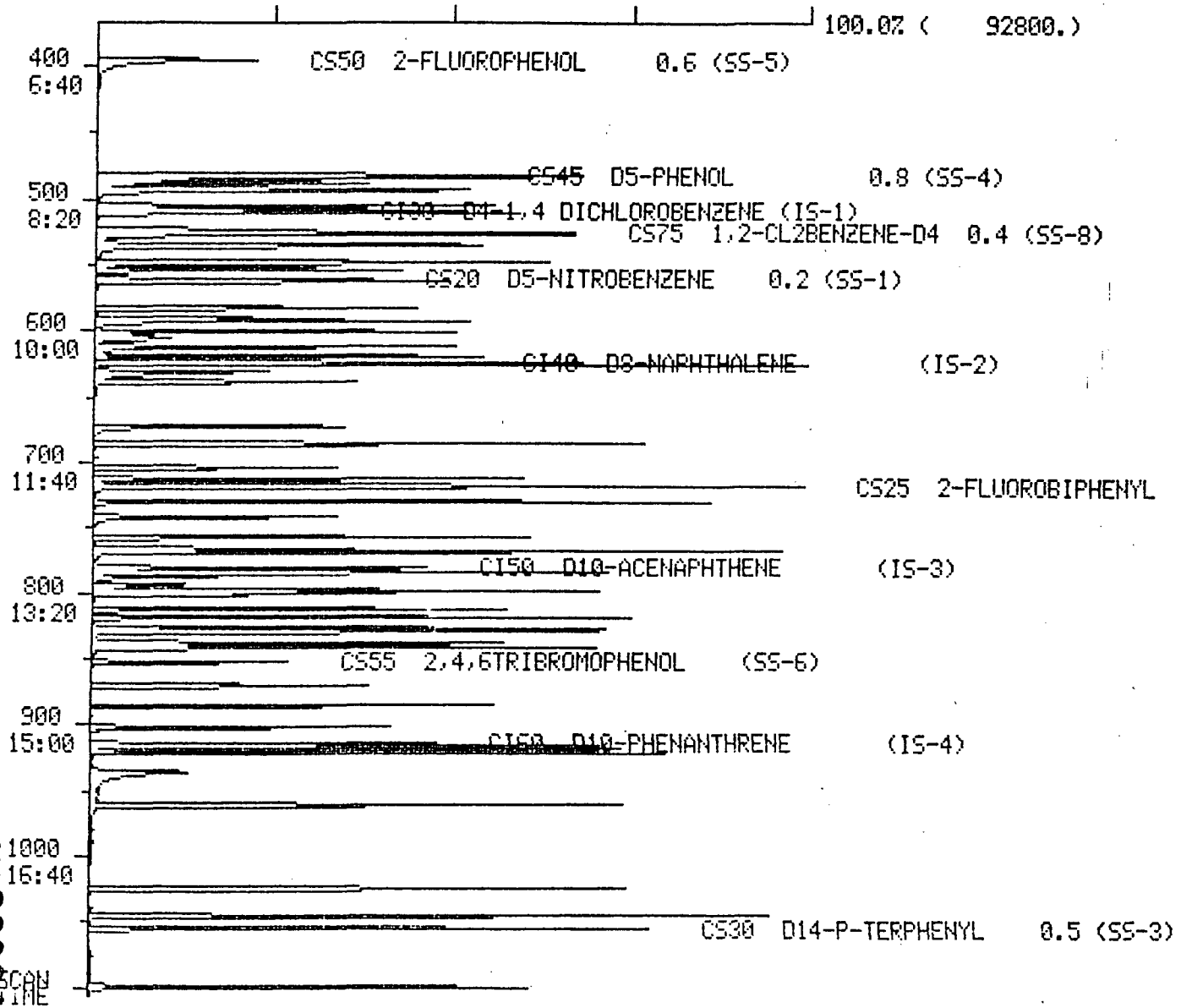
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
51	13:03	1.00	1.004	1.00	60.00	60.00	0.898	0.898	1.00
52	13:32	1.00	1.041	1.00	60.00	60.00	0.317	0.317	1.00
53	13:07	1.00	1.009	1.00	60.00	60.00	0.177	0.177	1.00
54	13:13	1.00	1.017	1.00	60.00	60.00	0.092	0.092	1.00
55	13:17	1.00	1.022	1.00	60.00	60.00	1.289	1.289	1.00
56	13:20	1.00	1.026	1.00	60.00	60.00	0.378	0.378	1.00
57	12:44	1.00	0.979	1.00	60.00	60.00	0.294	0.294	1.00
58	13:38	1.00	1.049	1.00	60.00	60.00	1.055	1.055	1.00
59	13:46	1.00	1.059	1.00	60.00	60.00	0.548	0.548	1.00
60	13:49	1.00	1.063	1.00	60.00	60.00	1.169	1.169	1.00
61	13:57	1.00	1.073	1.00	60.00	60.00	0.113	0.113	1.00
62	13:57	1.00	0.917	1.00	60.00	60.00	0.145	0.145	1.00
63	13:58	1.00	0.918	1.00	60.00	60.00	0.408	0.408	1.00
64	14:29	1.00	0.952	1.00	60.00	60.00	0.179	0.179	1.00
65	14:45	1.00	0.969	1.00	60.00	60.00	0.184	0.184	1.00
66	15:01	1.00	0.987	1.00	60.00	60.00	0.143	0.143	1.00
67	15:16	1.00	1.003	1.00	60.00	60.00	1.051	1.051	1.00
68	15:20	1.00	1.008	1.00	60.00	60.00	1.065	1.065	1.00
69	16:01	1.00	1.053	1.00	60.00	60.00	1.266	1.266	1.00
70	17:03	1.00	1.120	1.00	60.00	60.00	0.940	0.940	1.00
71	14:01	1.00	0.921	1.00	60.00	60.00	0.839	0.839	1.00
72	15:35	1.00	1.024	1.00	60.00	60.00	0.472	0.472	1.00
73	17:25	1.00	0.888	1.00	60.00	60.00	1.456	1.456	1.00
74	18:18	1.00	0.933	1.00	60.00	60.00	0.750	0.750	1.00
75	19:30	1.00	0.994	1.00	60.00	60.00	0.084	0.084	1.00
76	19:34	1.00	0.997	1.00	60.00	60.00	1.101	1.101	1.00
77	19:24	1.00	0.989	1.00	60.00	60.00	1.019	1.019	1.00

SST0129
351109540

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
78	19:41	1.00	1.003	1.00	60.00	60.00	1.017	1.017	1.00
79	21:04	1.00	0.859	1.00	60.00	60.00	1.672	1.672	1.00
80	24:17	1.00	0.990	1.00	60.00	60.00	0.927	0.927	1.00
81	30:43	1.00	1.253	1.00	60.00	60.00	0.894	0.894	1.00
82	30:51	1.00	1.258	1.00	60.00	60.00	0.693	0.693	1.00
83	32:41	1.00	1.333	1.00	60.00	60.00	0.724	0.724	1.00
84	22:54	1.00	0.934	1.00	60.00	60.00	1.147	1.147	1.00
85	23:00	1.00	0.938	1.00	60.00	60.00	0.965	0.965	1.00

SSTO 124
BS1199940

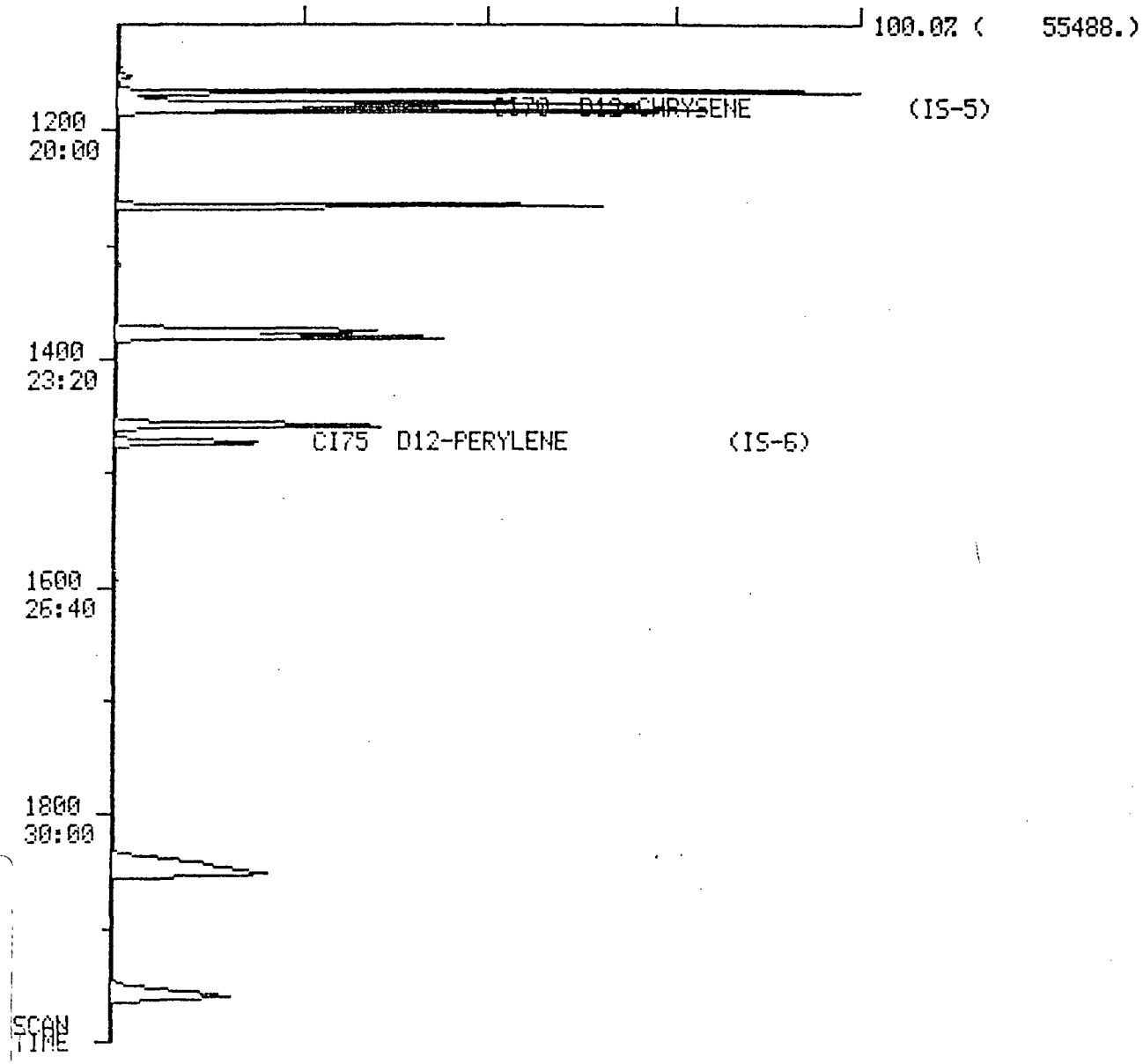
DATA FROM FILE: BS110994E SCANS 367 TO 1107 ACQUIRED: 11/09/94 12:29:00
CALI: BS110994E #1
SAMPLE: SSTD080 290-02-SV40
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300042

NOV 9 1994

DATA FROM FILE: BS110994E SCANS 1107 TO 2000 ACQUIRED: 11/09/94 12:29:00
CALI: BS110994E #1
SAMPLE: SSTD080 290-02-SV40
CONDS.: RTX-5 ,0.25MM X 30M 1.0UM 45/4-325@20 INST B



300043

Quantitation Report File: BS110994E

Data: BS110994E.TI
11/09/94 12:29:00
Sample: SSTD080 290-02-SV40
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
1	CI30 D4-1,4 DICHLOROBENZENE		(IS-1)
2	CI40 D8-NAPHTHALENE		(IS-2)
3	CI50 D10-ACENAPHTHENE		(IS-3)
4	CI60 D10-PHENANTHRENE		(IS-4)
5	CI70 D12-CHRYSENE		(IS-5)
6	CI75 D12-PERYLENE		(IS-6)
7	CS50 2-FLUOROPHENOL	0.6	(SS-5)
8	CS45 D5-PHENOL	0.8	(SS-4)
9	CS20 D5-NITROBENZENE	0.2	(SS-1)
10	CS25 2-FLUOROBIPHENYL	0.7	(SS-2)
11	CS55 2,4,6TRIBROMOPHENOL		(SS-6)
12	CS30 D14-P-TERPHENYL	0.5	(SS-3)
13	CS70 2-CHLOROPHENOL-D4	0.8	(SS-7)
14	CS75 1,2-CL2BENZENE-D4	0.4	(SS-8)
15	C315 *PHENOL	0.8	
16	C325 BIS(2CHLOROETHYL)E	0.7	
17	C330 2CHLOROPHENOL	0.8	
18	C335 1,3DICHLOROBENZENE	0.6	
19	C340 *1,4DICHLOROBENZENE	0.5	T
20	C320 ANILINE		
21	C310 N-NITROSODIMETHYLAMINE		
22	C319 PYRIDINE		T
23	C345 BENZYL ALCOHOL		
24	C350 1,2DICHLOROBENZENE	0.4	
25	C355 2METHYLPHENOL	0.7	T
26	C357 2,2'OXYBIS(1CHLOROPR		
27	C365 4METHYLPHENOL	0.6	T
28	C370 &NITROSOPROPYLAMINE	0.5	
29	C375 HEXACHLOROETHANE	0.3	T
30	C410 NITROBENZENE	0.2	T
31	C415 ISOPHORONE	0.4	
32	C420 *2-NITROPHENOL	0.1	
33	C425 2,4-DIMETHYLPHENOL	0.2	
34	C430 BENZOIC ACID		
35	C435 BIS(2CHLOROETHOXY)	0.3	
36	C440 *2,4DICHLOROPHENOL	0.2	
37	C445 1,2,4TRICHLOROBENZ	0.2	
38	C450 NAPHTHALENE	0.7	
39	C455 4-CHLOROANILINE		
40	C460 *CL6BUTADIENE		T
41	C465 *4CHLORO3METHYLPHEN	0.2	
42	C470 2METHYLNAPHTHALENE	0.4	
43	C510 &CL6CYCLOPENTADIENE		
44	C515 *246TRICHLOROPHNEOL	0.2	T
45	C520 2,4,5TRICHLOROPHEN	0.2	T
46	C525 2CHLORONAPHTHALENE	0.8	
47	C530 2-NITROANILINE		

300044

No	Name		
48	C535	DIMETHYL PHTHALATE	
49	C540	ACENAPHTHYLENE	1.3
50	C545	3-NITROANILINE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	507	8:27	1	1.000	A BB	10398.	20.000 PPB	0.61
2	136	622	10:22	2	1.000	A BB	36125.	20.000 PPB	0.61
3	164	780	13:00	3	1.000	A BB	19679.	20.000 PPB	0.61
4	188	913	15:13	4	1.000	A BB	29242.	20.000 PPB	0.61
5	240	1177	19:37	5	1.000	A BB	19946.	20.000 PPB	0.61
6	264	1471	24:31	6	1.000	A BB	18707.	20.000 PPB	0.61
7	112	394	6:34	1	0.777	A BB	20743.	40.000 PPB	1.22
8	99	481	8:01	1	0.949	A BV	28455.	40.000 PPB	1.22
9	82	560	9:20	2	0.900	A BB	21251.	40.000 PPB	1.22
10	172	718	11:58	3	0.921	A BB	44688.	40.000 PPB	1.22
11	330	852	14:12	3	1.092	A BB	4729.	40.000 PPB	1.22
12	244	1054	17:34	5	0.895	A BB	35386.	40.000 PPB	1.22
13	132	491	8:11	1	0.968	A BB	23521.	40.000 PPB	1.22
14	152	525	8:45	1	1.036	A BB	15358.	40.000 PPB	1.22
15	94	482	8:02	1	0.951	A BB	33732.	40.000 PPB	1.22
16	93	487	8:07	1	0.961	A VB	28830.	40.000 PPB	1.22
17	128	493	8:13	1	0.972	A BB	22939.	40.000 PPB	1.22
18	146	504	8:24	1	0.994	A BV	26119.	40.000 PPB	1.22
19	146	509	8:29	1	1.004	A VB	26109.	40.000 PPB	1.22
20	93	483	8:03	1	0.953	A BV	30327.	40.000 PPB	1.22
21	74	229	3:49	1	0.452	A BB	13412.	40.000 PPB	1.22
22	79	227	3:47	1	0.448	A BB	19137.	40.000 PPB	1.22
23	108	522	8:42	1	1.030	A BV	11839.	40.000 PPB	1.22
24	146	526	8:46	1	1.037	A BB	23613.	40.000 PPB	1.22
25	108	533	8:53	1	1.051	A VB	19870.	40.000 PPB	1.22
26	45	534	8:54	1	1.053	A BB	26404.	40.000 PPB	1.22
27	108	546	9:06	1	1.077	A BB	21332.	40.000 PPB	1.22
28	70	547	9:07	1	1.079	A BB	12475.	40.000 PPB	1.22
29	117	553	9:13	1	1.091	A BB	9384.	40.000 PPB	1.22
30	77	562	9:22	2	0.904	A BB	21442.	40.000 PPB	1.22
31	82	581	9:41	2	0.934	A BV	40927.	40.000 PPB	1.22
32	139	590	9:50	2	0.949	A BB	12547.	40.000 PPB	1.22
33	107	592	9:52	2	0.952	A BB	16209.	40.000 PPB	1.22
34	122	605	10:05	2	0.973	A VV	10139.	40.000 PPB	1.22
35	93	600	10:00	2	0.965	A BB	28210.	40.000 PPB	1.22
36	162	611	10:11	2	0.982	A BB	18083.	40.000 PPB	1.22
37	180	618	10:18	2	0.994	A BB	19931.	40.000 PPB	1.22
38	128	624	10:24	2	1.003	A BV	63233.	40.000 PPB	1.22
39	127	630	10:30	2	1.013	A VB	23529.	40.000 PPB	1.22
40	225	637	10:37	2	1.024	A BB	9186.	40.000 PPB	1.22
41	107	672	11:12	2	1.080	A BB	16605.	40.000 PPB	1.22
42	142	685	11:25	2	1.101	A BB	42392.	40.000 PPB	1.22
43	237	703	11:43	3	0.901	A BB	10697.	40.000 PPB	1.22
44	196	712	11:52	3	0.913	A BV	12762.	40.000 PPB	1.22
45	196	716	11:56	3	0.918	A VB	13506.	40.000 PPB	1.22
46	162	729	12:09	3	0.935	A BB	40555.	40.000 PPB	1.22
47	65	741	12:21	3	0.950	A BB	10137.	40.000 PPB	1.22
48	163	756	12:36	3	0.969	A BB	41643.	40.000 PPB	1.22
49	152	767	12:47	3	0.983	A BB	60685.	40.000 PPB	1.22
50	138	779	12:59	3	0.999	A BB	4997.	40.000 PPB	1.22

SS10484
BS11491948

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:27	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:22	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:00	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:13	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:37	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:31	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:34	1.00	0.777	1.00	40.00	40.00	0.997	0.997	1.00
8	8:01	1.00	0.949	1.00	40.00	40.00	1.368	1.368	1.00
9	9:20	1.00	0.900	1.00	40.00	40.00	0.294	0.294	1.00
10	11:58	1.00	0.921	1.00	40.00	40.00	1.135	1.135	1.00
11	14:12	1.00	1.092	1.00	40.00	40.00	0.120	0.120	1.00
12	17:34	1.00	0.895	1.00	40.00	40.00	0.887	0.887	1.00
13	8:11	1.00	0.968	1.00	40.00	40.00	1.131	1.131	1.00
14	8:45	1.00	1.036	1.00	40.00	40.00	0.739	0.739	1.00
15	8:02	1.00	0.951	1.00	40.00	40.00	1.622	1.622	1.00
16	8:07	1.00	0.961	1.00	40.00	40.00	1.386	1.386	1.00
17	8:13	1.00	0.972	1.00	40.00	40.00	1.103	1.103	1.00
18	8:24	1.00	0.994	1.00	40.00	40.00	1.256	1.256	1.00
19	8:29	1.00	1.004	1.00	40.00	40.00	1.255	1.255	1.00
20	8:03	1.00	0.953	1.00	40.00	40.00	1.458	1.458	1.00
21	3:49	1.00	0.452	1.00	40.00	40.00	0.645	0.645	1.00
22	3:47	1.00	0.448	1.00	40.00	40.00	0.920	0.920	1.00
23	8:42	1.00	1.030	1.00	40.00	40.00	0.569	0.569	1.00
24	8:46	1.00	1.037	1.00	40.00	40.00	1.135	1.135	1.00
25	8:53	1.00	1.051	1.00	40.00	40.00	0.955	0.955	1.00
26	8:54	1.00	1.053	1.00	40.00	40.00	1.270	1.270	1.00
27	9:06	1.00	1.077	1.00	40.00	40.00	1.026	1.026	1.00
28	9:07	1.00	1.079	1.00	40.00	40.00	0.600	0.600	1.00
29	9:13	1.00	1.091	1.00	40.00	40.00	0.451	0.451	1.00
30	9:22	1.00	0.904	1.00	40.00	40.00	0.297	0.297	1.00
31	9:41	1.00	0.934	1.00	40.00	40.00	0.566	0.566	1.00
32	9:50	1.00	0.949	1.00	40.00	40.00	0.174	0.174	1.00
33	9:52	1.00	0.952	1.00	40.00	40.00	0.224	0.224	1.00
34	10:05	1.00	0.973	1.00	40.00	40.00	0.140	0.140	1.00
35	10:00	1.00	0.965	1.00	40.00	40.00	0.390	0.390	1.00
36	10:11	1.00	0.982	1.00	40.00	40.00	0.250	0.250	1.00
37	10:18	1.00	0.994	1.00	40.00	40.00	0.276	0.276	1.00
38	10:24	1.00	1.003	1.00	40.00	40.00	0.875	0.875	1.00
39	10:30	1.00	1.013	1.00	40.00	40.00	0.326	0.326	1.00
40	10:37	1.00	1.024	1.00	40.00	40.00	0.127	0.127	1.00
41	11:12	1.00	1.080	1.00	40.00	40.00	0.230	0.230	1.00
42	11:25	1.00	1.101	1.00	40.00	40.00	0.587	0.587	1.00
43	11:43	1.00	0.901	1.00	40.00	40.00	0.272	0.272	1.00
44	11:52	1.00	0.913	1.00	40.00	40.00	0.324	0.324	1.00
45	11:56	1.00	0.918	1.00	40.00	40.00	0.343	0.343	1.00
46	12:09	1.00	0.935	1.00	40.00	40.00	1.030	1.030	1.00
47	12:21	1.00	0.950	1.00	40.00	40.00	0.258	0.258	1.00
48	12:36	1.00	0.969	1.00	40.00	40.00	1.058	1.058	1.00
49	12:47	1.00	0.983	1.00	40.00	40.00	1.542	1.542	1.00
50	12:59	1.00	0.999	1.00	40.00	40.00	0.127	0.127	1.00

ST0084
8511095 4E

Quantitation Report File: BS110994E

Data: BS110994E.TI
11/09/94 12:29:00
Sample: SSTD080 290-02-SV40
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
51	C550	*ACENAPHTHENE	0.8
52	C321	2,3,4,6-TETRACHLOROPHENOL	
53	C555	&2,4DINITROPHENOL	
54	C560	&4NITROPHENOL	
55	C565	DIBENZOFURAN	0.8
56	C570	2,4DINITROTOLUENE	0.2 T
57	C543	2,6DINITROTOLUENE	0.2
58	C580	DIETHYL PHTHALATE	
59	C585	4CHLOROPHENYL PHEN	0.4
60	C590	FLUORENE	0.9
61	C595	4-NITROANILINE	
62	C610	4,6DINITRO2METHYLPH	
63	C615	*DIPHENYLAMINE	
64	C625	4BROMOPHENYL PHENY	0.1
65	C630	CL6BENZENE	0.1 T
66	C635	*PENTACHLOROPHENOL	0.05 T
67	C640	PHENANTHRENE	0.7
68	C645	ANTHRACENE	0.7
69	C650	DI-NBUTYLPHTHALATE	
70	C655	*FLUORANTHENE	0.6
71	D200	1,2-DIPHENYLHYDRAZINE	
72	C647	CARBAZOLE	
73	C715	PYRENE	0.6
74	C720	BUTYLBENZYLPHTHALATE	
75	C725	3,3'CL2BENZIDINE	
76	C730	BENZO(A)ANTHRACENE	0.8
77	C740	BIS(2ETHYLHEXYL)PHTH	
78	C735	CHRYSENE	0.7
79	C760	*DI-N-OCTYLPHTHALATE	
80	C765	BENZO(B)FLUORANTHE	0.7
81	C770	BENZO(K)FLUORANTHE	0.7
82	C775	*BENZO(A)PYRENE	0.7
83	C780	INDENO(1,2,3CD)PYR	0.5
84	C785	DIBENZO(A,H)ANTHRA	0.4
85	C790	BENZO(G,H,I)PERYLE	0.5

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	153	783	13:03	3	1.004	A BB	35503.	40.000 PPB	1.22
52	232	812	13:32	3	1.041	A BB	11928.	40.000 PPB	1.22
53	184	787	13:07	3	1.009	A BB	6113.	40.000 PPB	1.22
54	109	792	13:12	3	1.015	A BB	3253.	40.000 PPB	1.22
55	168	797	13:17	3	1.022	A BB	49328.	40.000 PPB	1.22
56	165	800	13:20	3	1.026	A BB	14478.	40.000 PPB	1.22
57	165	764	12:44	3	0.979	A BB	10781.	40.000 PPB	1.22
58	149	818	13:38	3	1.049	A BB	41159.	40.000 PPB	1.22

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	204	826	13:46	3	1.059	A BB	20187.	40.000 PPB	1.22
60	166	828	13:48	3	1.062	A BB	40962.	40.000 PPB	1.22
61	138	836	13:56	3	1.072	A VB	5296.	40.000 PPB	1.22
62	198	836	13:56	4	0.916	A BB	7939.	40.000 PPB	1.22
63	169	837	13:57	4	0.917	A BB	21070.	40.000 PPB	1.22
64	248	869	14:29	4	0.952	A BB	10229.	40.000 PPB	1.22
65	284	885	14:45	4	0.969	A BB	10934.	40.000 PPB	1.22
66	266	901	15:01	4	0.987	A BB	7670.	40.000 PPB	1.22
67	178	915	15:15	4	1.002	A BV	57218.	40.000 PPB	1.22
68	178	920	15:20	4	1.008	A VB	60407.	40.000 PPB	1.22
69	149	961	16:01	4	1.053	A BB	75335.	40.000 PPB	1.22
70	202	1023	17:03	4	1.120	A BB	59498.	40.000 PPB	1.22
71	77	840	14:00	4	0.920	A BB	45689.	40.000 PPB	1.22
72	167	935	15:35	4	1.024	A BB	29852.	40.000 PPB	1.22
73	202	1045	17:25	5	0.888	A BB	57772.	40.000 PPB	1.22
74	149	1099	18:19	5	0.934	A BB	29411.	40.000 PPB	1.22
75	252	1169	19:29	5	0.993	A BB	4134.	40.000 PPB	1.22
76	228	1174	19:34	5	0.997	A BV	43367.	40.000 PPB	1.22
77	149	1165	19:25	5	0.990	A BB	39027.	40.000 PPB	1.22
78	228	1181	19:41	5	1.003	A VB	39284.	40.000 PPB	1.22
79	149	1264	21:04	6	0.859	A BB	58391.	40.000 PPB	1.22
80	252	1374	22:54	6	0.934	A BV	37710.	40.000 PPB	1.22
81	252	1380	23:00	6	0.938	A VB	33547.	40.000 PPB	1.22
82	252	1457	24:17	6	0.990	A BB	33859.	40.000 PPB	1.22
83	276	1842	30:42	6	1.252	A BB	34289.	40.000 PPB	1.22
84	278	1851	30:51	6	1.258	A BB	26078.	40.000 PPB	1.22
85	276	1959	32:39	6	1.332	A BB	28595.	40.000 PPB	1.22

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
51	13:03	1.00	1.004	1.00	40.00	40.00	0.902	0.902	1.00
52	13:32	1.00	1.041	1.00	40.00	40.00	0.303	0.303	1.00
53	13:07	1.00	1.009	1.00	40.00	40.00	0.155	0.155	1.00
54	13:12	1.00	1.015	1.00	40.00	40.00	0.083	0.083	1.00
55	13:17	1.00	1.022	1.00	40.00	40.00	1.253	1.253	1.00
56	13:20	1.00	1.026	1.00	40.00	40.00	0.368	0.368	1.00
57	12:44	1.00	0.979	1.00	40.00	40.00	0.274	0.274	1.00
58	13:38	1.00	1.049	1.00	40.00	40.00	1.046	1.046	1.00
59	13:46	1.00	1.059	1.00	40.00	40.00	0.513	0.513	1.00
60	13:48	1.00	1.062	1.00	40.00	40.00	1.041	1.041	1.00
61	13:56	1.00	1.072	1.00	40.00	40.00	0.135	0.135	1.00
62	13:56	1.00	0.916	1.00	40.00	40.00	0.136	0.136	1.00
63	13:57	1.00	0.917	1.00	40.00	40.00	0.360	0.360	1.00
64	14:29	1.00	0.952	1.00	40.00	40.00	0.175	0.175	1.00
65	14:45	1.00	0.969	1.00	40.00	40.00	0.187	0.187	1.00
66	15:01	1.00	0.987	1.00	40.00	40.00	0.131	0.131	1.00
67	15:15	1.00	1.002	1.00	40.00	40.00	0.978	0.978	1.00
68	15:20	1.00	1.008	1.00	40.00	40.00	1.033	1.033	1.00
69	16:01	1.00	1.053	1.00	40.00	40.00	1.288	1.288	1.00
70	17:03	1.00	1.120	1.00	40.00	40.00	1.017	1.017	1.00
71	14:00	1.00	0.920	1.00	40.00	40.00	0.781	0.781	1.00
72	15:35	1.00	1.024	1.00	40.00	40.00	0.510	0.510	1.00
73	17:25	1.00	0.888	1.00	40.00	40.00	1.448	1.448	1.00
74	18:19	1.00	0.934	1.00	40.00	40.00	0.737	0.737	1.00
75	19:29	1.00	0.993	1.00	40.00	40.00	0.104	0.104	1.00
76	19:34	1.00	0.997	1.00	40.00	40.00	1.087	1.087	1.00
77	19:25	1.00	0.990	1.00	40.00	40.00	0.978	0.978	1.00

SSTO#84
BS110554E

300048

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
78	19:41	1.00	1.003	1.00	40.00	40.00	0.985	0.985	1.00
79	21:04	1.00	0.859	1.00	40.00	40.00	1.561	1.561	1.00
80	22:54	1.00	0.934	1.00	40.00	40.00	1.008	1.008	1.00
81	23:00	1.00	0.938	1.00	40.00	40.00	0.897	0.897	1.00
82	24:17	1.00	0.990	1.00	40.00	40.00	0.905	0.905	1.00
83	30:42	1.00	1.252	1.00	40.00	40.00	0.916	0.916	1.00
84	30:51	1.00	1.258	1.00	40.00	40.00	0.697	0.697	1.00
85	32:39	1.00	1.332	1.00	40.00	40.00	0.764	0.764	1.00

SSTO 080
BS1195546

Initial Calibration Data

Instrument Identifier: B
Calibration Date: 11/09/94
MIN RF: SW(&) = .05 CLP = .01 OR BELOW
MAX %RSD: SW(*) = 30% CLP = 20.5%

	Compound		RF 10	RF 25	RF 40	RF 60	RF 80	Mean RF	%RSD
CS50	2-FLUOROPHENOL	0.6	0.932	1.029	0.997	1.030	0.992	0.996	3.995
CS45	D5-PHENOL	0.8	1.193	1.330	1.368	1.359	1.293	1.309	5.431
CS20	D5-NITROBENZENE	0.2	0.292	0.279	0.294	0.298	0.306	0.294	3.356
CS25	2-FLUOROBIPHENYL	0.7	1.100	1.063	1.135	1.032	1.110	1.089	3.738
CS55	2,4,6TRIBROMOPHENOL		0.111	0.115	0.120	0.122	0.117	0.117	3.682
CS30	D14-P-TERPHENYL	0.5	0.816	0.760	0.887	0.873	0.869	0.841	6.244
CS70	2-CHLOROPHENOL-D4	0.8	1.015	1.086	1.131	1.131	1.108	1.095	4.378
CS75	1,2-CL2BENZENE-D4	0.4	0.731	0.714	0.739	0.717	0.719	0.725	1.442
C315	*PHENOL	0.8	1.535	1.584	1.622	1.637	1.583	1.593	2.483
C325	BIS(2CHLOROETHYL)E	0.7	1.354	1.388	1.386	1.453	1.337	1.384	3.217
C330	2CHLOROPHENOL	0.8	1.115	1.092	1.103	1.153	1.124	1.118	2.070
C335	1,3DICHLOROBENZENE	0.6	1.197	1.213	1.256	1.292	1.210	1.234	3.203
C340	*1,4DICHLOROBENZENE	0.5	1.217	1.249	1.255	1.304	1.224	1.251	2.729
C320	ANILINE		1.211	1.403	1.458	1.450	1.438	1.393	7.431
C310	N-NITROSODIMETHYLAMINE		0.547	0.626	0.645	0.655	0.629	0.621	6.844
C319	PYRIDINE		0.872	0.987	0.920	0.931	0.876	0.918	5.114
C345	BENZYL ALCOHOL		0.518	0.568	0.569	0.618	0.629	0.581	7.700
C350	1,2DICHLOROBENZENE	0.4	1.100	1.136	1.135	1.220	1.119	1.143	4.025
C355	2METHYLPHENOL	0.7	1.131	1.034	0.955	1.044	1.006	1.035	6.216
C357	2,2'OXYBIS(1CHLOROPR		1.305	1.242	1.270	1.351	1.334	1.301	3.454
C365	4METHYLPHENOL	0.6	1.094	1.034	1.026	1.028	1.093	1.056	3.334
C370	&NITROSOPROPYLAMINE	0.5	0.588	0.605	0.600	0.656	0.620	0.614	4.267
C375	HEXACHLOROETHANE	0.3	0.440	0.457	0.451	0.469	0.449	0.454	2.405
C410	NITROBENZENE	0.2	0.281	0.279	0.297	0.322	0.291	0.294	5.843
C415	ISOPHORONE	0.4	0.545	0.557	0.566	0.608	0.596	0.575	4.624
C420	*2-NITROPHENOL	0.1	0.170	0.157	0.174	0.185	0.190	0.176	7.408
C425	2,4-DIMETHYLPHENOL	0.2	0.220	0.214	0.224	0.223	0.240	0.225	4.263
C430	BENZOIC ACID		0.127	0.121	0.140	0.163	0.146	0.140	11.892
C435	BIS(2CHLOROETHOXY)	0.3	0.375	0.360	0.390	0.412	0.400	0.388	5.192
C440	*2,4DICHLOROPHENOL	0.2	0.259	0.243	0.250	0.264	0.263	0.256	3.599
C445	1,2,4TRICHLOROBENZ	0.2	0.269	0.264	0.276	0.278	0.275	0.273	2.181
C450	NAPHTHALENE	0.7	0.885	0.847	0.875	0.833	0.841	0.857	2.632
C455	4-CHLOROANILINE		0.274	0.280	0.326	0.363	0.370	0.323	13.890
C460	*CL6BUTADIENE		0.129	0.120	0.127	0.129	0.128	0.127	2.817
C465	*4CHLORO3METHYLPHEN	0.2	0.227	0.223	0.230	0.256	0.246	0.237	5.883
C470	2METHYLNAPHTHALENE	0.4	0.561	0.570	0.587	0.619	0.576	0.583	3.826
C510	&CL6CYCLOPENTADIENE		0.253	0.286	0.272	0.298	0.317	0.286	8.481
C515	*246TRICHLOROPHNEOL	0.2	0.337	0.317	0.324	0.333	0.332	0.329	2.390
C520	2,4,5TRICHLOROPHEN	0.2	0.344	0.342	0.343	0.380	0.369	0.356	4.938
C525	2CHLORONAPHTHALENE	0.8	0.999	0.995	1.030	1.017	1.064	1.022	2.705
C530	2-NITROANILINE		0.270	0.255	0.258	0.293	0.277	0.271	5.698
C535	DIMETHYL PHTHALATE		1.105	1.144	1.058	1.112	1.134	1.111	3.013
C540	ACENAPHTHYLENE	1.3	1.660	1.608	1.542	1.563	1.413	1.558	5.944
C545	3-NITROANILINE		0.087	0.134	0.127	0.159	0.231	0.148	36.016
C550	*ACENAPHTHENE	0.8	0.913	0.916	0.902	0.898	0.950	0.916	2.235
C321	2,3,4,6-TETRACHLOROPHE		0.298	0.292	0.303	0.317	0.297	0.302	3.154
C555	&2,4DINITROPHENOL		0.105	0.128	0.155	0.177	0.170	0.148	20.351

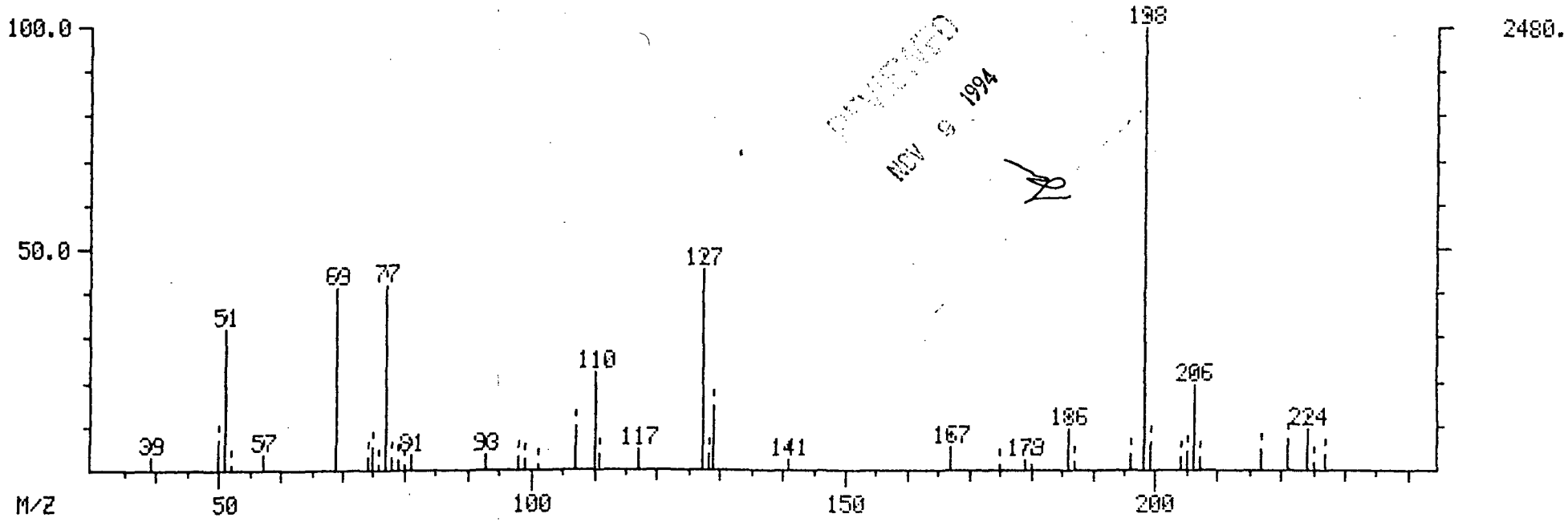
C560	&4NITROPHENOL		0.066	0.086	0.083	0.092	0.091	0.084 ✓	12.610	
C565	DIBENZOFURAN	0.8	1.351	1.418	1.253	1.289	1.294	1.322	4.880	
C570	2,4DINITROTOLUENE	0.2	0.338	0.346	0.368	0.378	0.366	0.360	4.612	
C543	2,6DINITROTOLUENE	0.2	0.280	0.298	0.274	0.294	0.334	0.296	7.923	
C580	DIETHYL PHTHALATE		1.030	1.064	1.046	1.055	1.111	1.062	2.859	
C585	4CHLOROPHENYL PHEN	0.4	0.511	0.493	0.513	0.548	0.532	0.520	4.050	
C590	FLUORENE	0.9	1.100	1.075	1.041	1.169	1.098	1.097	4.296	
C595	4-NITROANILINE		0.147	0.142	0.135	0.113	0.080	0.124	22.337	
C610	4,6DINITRO2METHYLPH		0.121	0.128	0.136	0.145	0.147	0.136	8.074	
C615	*DIPHENYLAMINE		0.424	0.386	0.360	0.408	0.382	0.393	6.271 ✓	
C625	4BROMOPHENYL PHENY	0.1	0.190	0.186	0.175	0.179	0.181	0.183	3.199	
C630	CL6BENZENE	0.1	0.185	0.188	0.187	0.184	0.178	0.185	2.014	
C635	*PENTACHLOROPHENOL	0.05	0.108	0.135	0.131	0.143	0.146	0.133	11.206 ✓	
C640	PHENANTHRENE	0.7	1.003	1.013	0.978	1.051	1.010	1.012	2.596	
C645	ANTHRACENE	0.7	1.039	1.037	1.033	1.065	0.931	1.021	5.074	
C650	DI-NBUTYLPHTHALATE		1.218	1.261	1.288	1.266	1.191	1.245	3.147	
C655	*FLUORANTHENE	0.6	1.037	1.014	1.017	0.940	0.925	0.987	5.122 ✓	
D200	1,2-DIPHENYLHYDRAZINE		0.741	0.830	0.781	0.839	0.869	0.813	6.225	
C647	CARBAZOLE		0.844	0.646	0.510	0.472	0.482	0.591	26.643	
C715	PYRENE	0.6	1.362	1.302	1.448	1.456	1.627	1.440	8.529	
C720	BUTYLBENZYLPHTHALATE		0.680	0.657	0.737	0.750	0.746	0.714	5.953	
C725	3,3'CL2BENZIDINE		0.279	0.144	0.104	0.084	0.061	0.135	64.177	
C730	BENZO(A)ANTHRACENE	0.8	1.154	1.056	1.087	1.101	1.133	1.107	3.472	
C740	BIS(2ETHYLHEXYL)PHTH		0.933	0.933	0.978	1.019	1.026	0.978	4.597	
C735	CHRYSENE	0.7	1.047	0.972	0.985	1.017	1.014	1.007	2.924	
C760	*DI-N-OCTYLPHTHALATE		1.441	1.369	1.561	1.672	1.732	1.555	9.788 ✓	
C765	BENZO(B)FLUORANTHE	0.7	1.044	1.016	1.008	1.147	1.177	1.079	7.264	
C770	BENZO(K)FLUORANTHE	0.7	0.931	0.777	0.897	0.965	0.974	0.909	8.767	
C775	*BENZO(A)PYRENE	0.7	0.948	0.870	0.905	0.927	0.935	0.917	3.334 ✓	
C780	INDENO(1,2,3CD)PYR	0.5	0.994	0.947	0.916	0.894	0.845	0.920	6.077	
C785	DIBENZO(A,H)ANTHRA	0.4	0.770	0.710	0.697	0.693	0.695	0.713	4.571	
C790	BENZO(G,H,I)PERYLE	0.5	0.834	0.776	0.764	0.724	0.723	0.765	5.964	

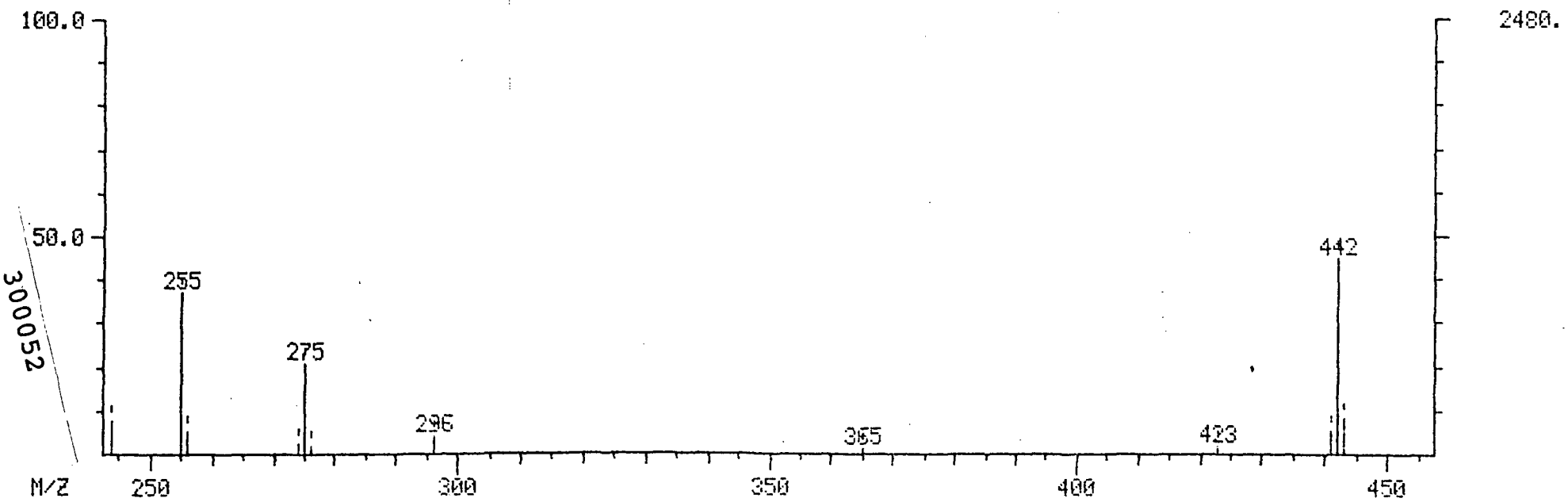
Initial
BS110594A-E

MASS SPECTRUM
11/09/94 9:26:00 + 8:33
SAMPLE: DFTPP 244-92-PERF
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B
#512 TO #514 AVERAGED - #505 X1.00

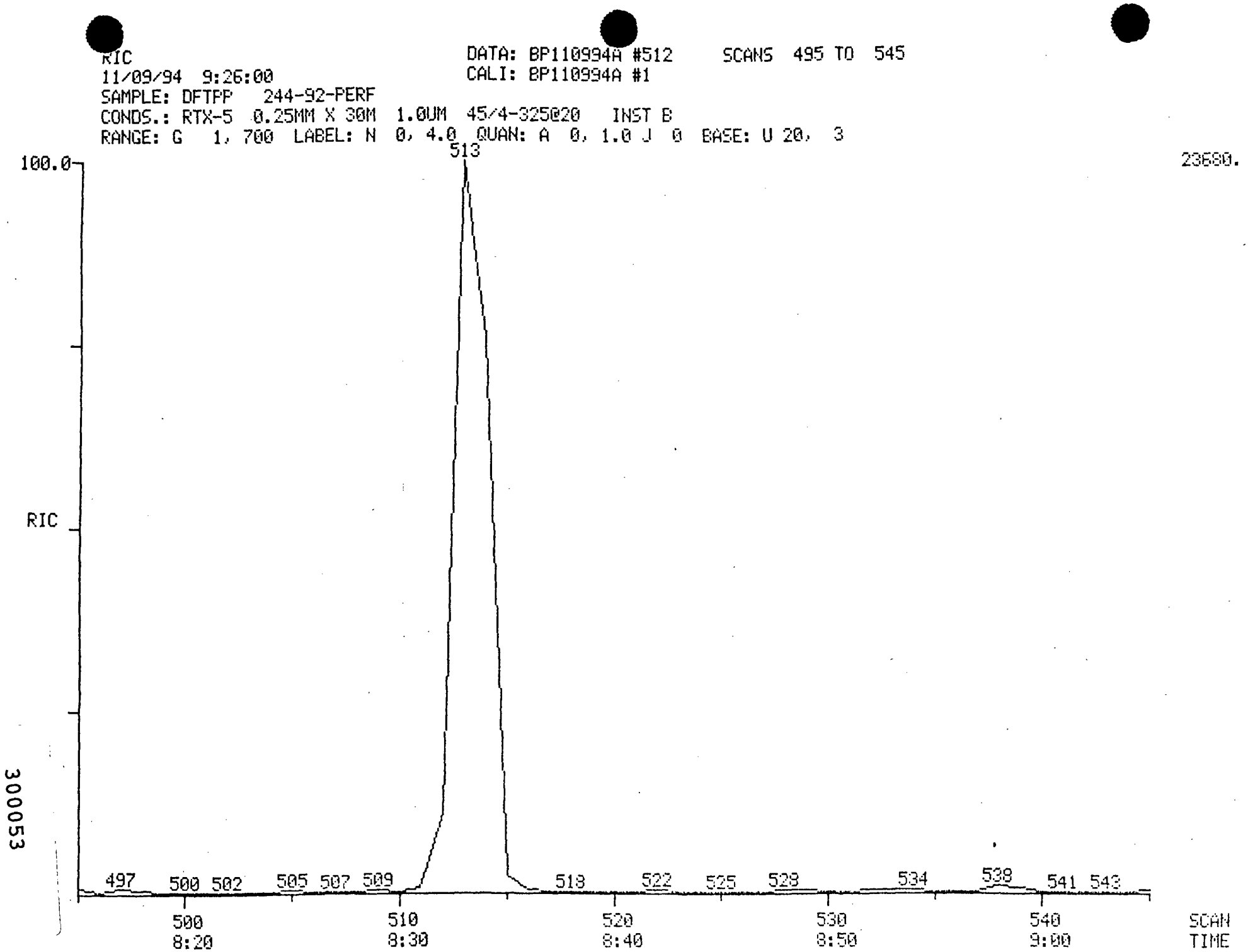
DATA: BP110994A #513
CALI: BP110994A #1

BASE M/Z: 198
RIC: 14672.





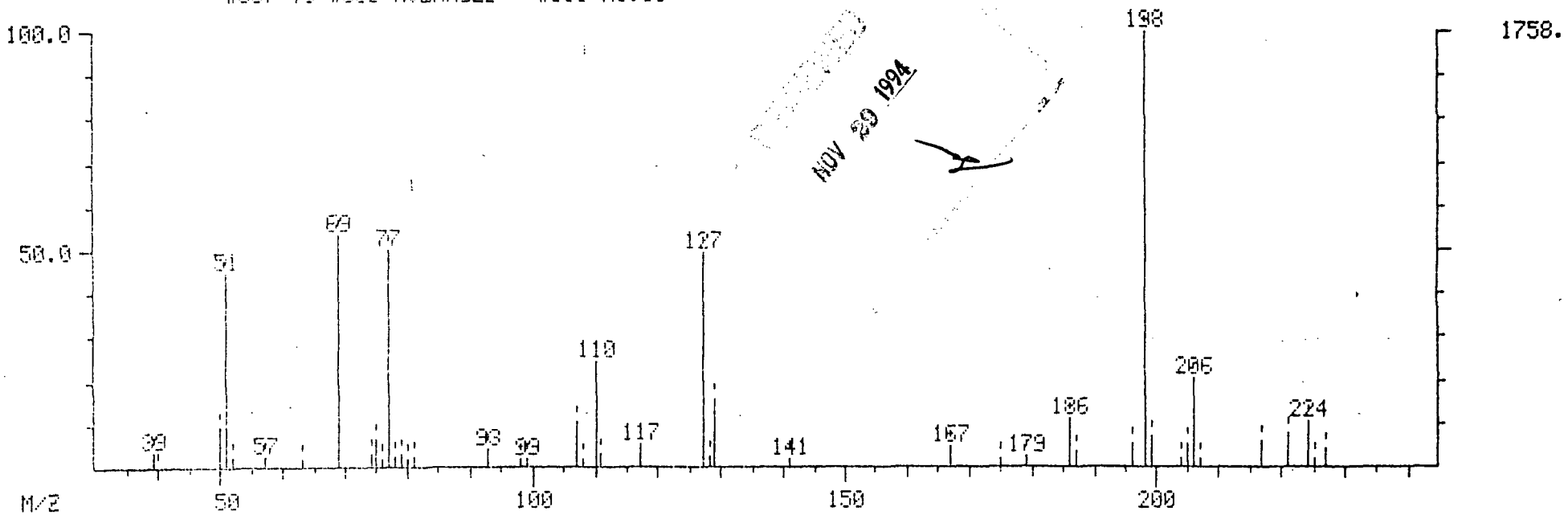
300052

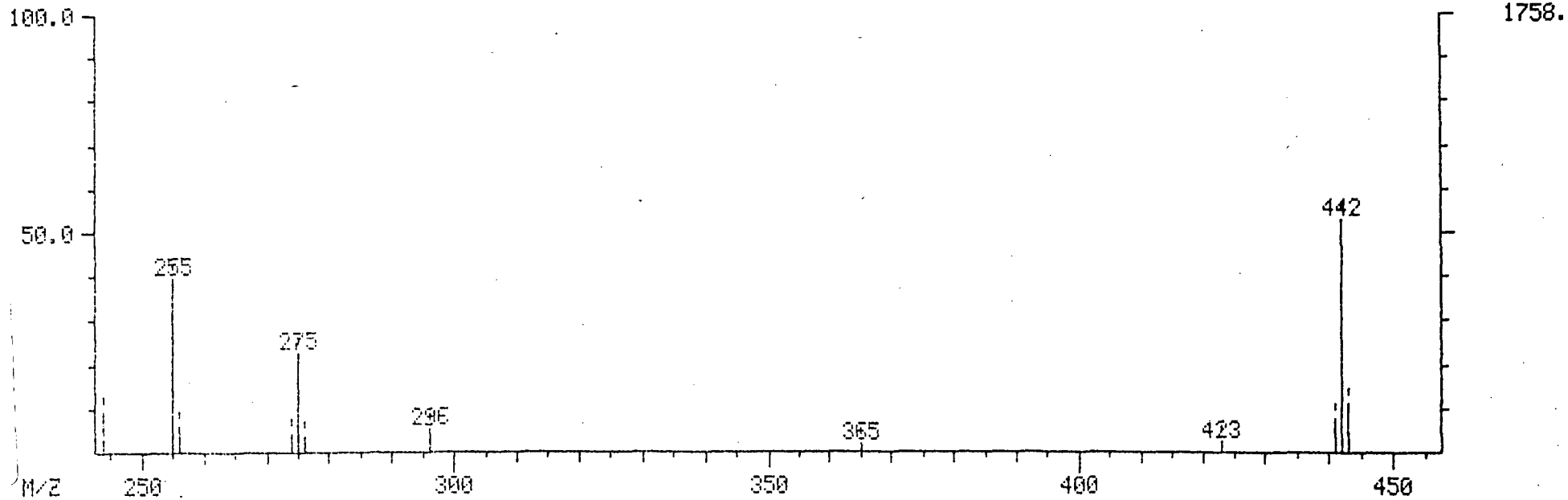

RIC
11/09/94 9:26:00
SAMPLE: DFTPP 244-92-PERF
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
RANGE: G 1, 700 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
DATA: BP110994A #512 SCANS 495 TO 545
CALI: BP110994A #1
100.0
513
23680.
RIC
300053
497
500 502
505 507 509
518
522
525
528
534
538
541 543
500
8:20
510
8:30
520
8:40
530
8:50
540
9:00
SCAN
TIME

MASS SPECTRUM
11/16/94 11:22:00 + 8:28
SAMPLE: DFTPP 244-92-PERF
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
#507 TO #509 AVERAGED - #500 X1.00

DATA: BP1116940 #508
CALI: BP1116940 #1

BASE M/Z: 198
RIC: 11792.

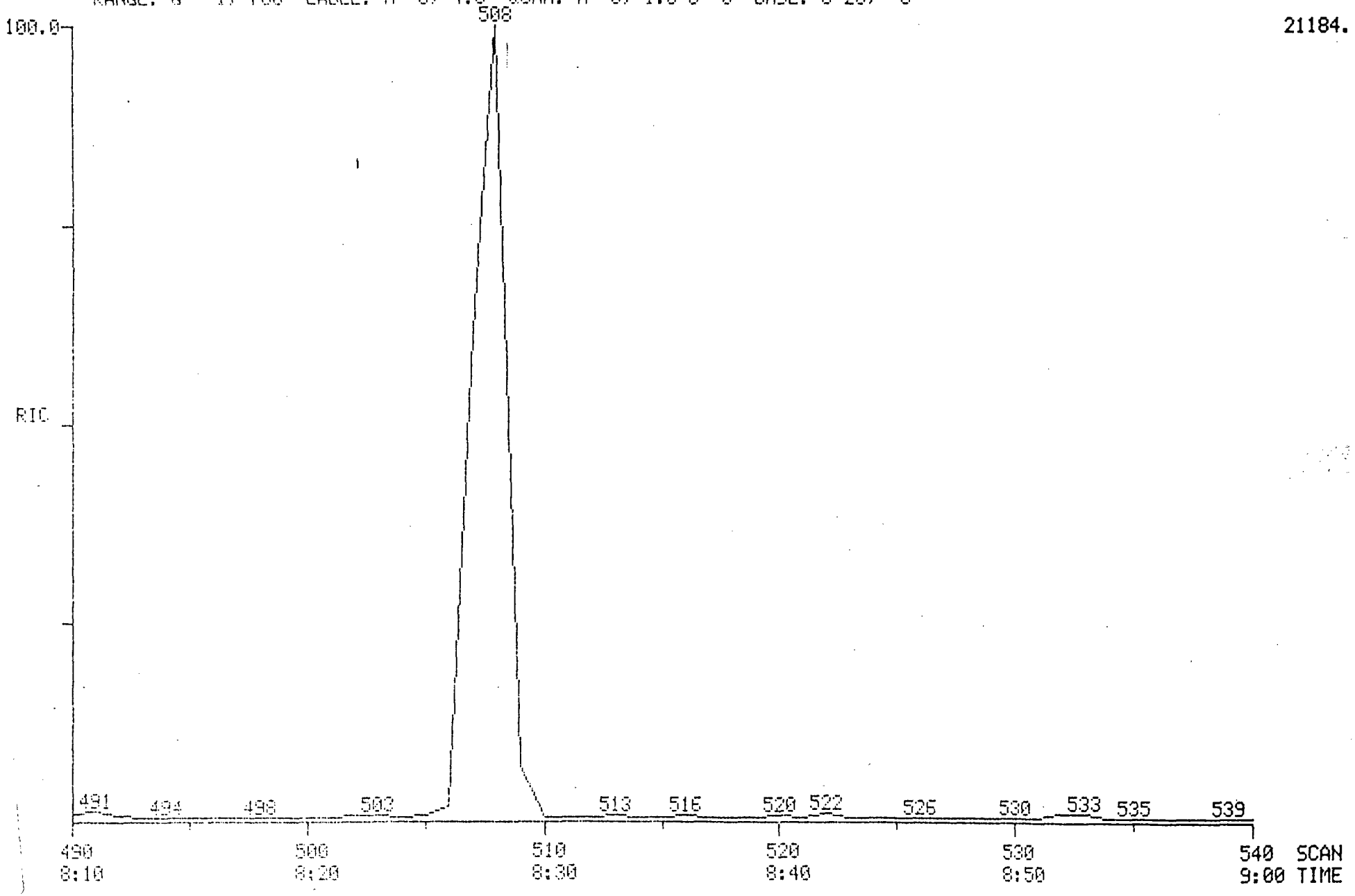




300054

RIC
11/16/94 11:22:00
SAMPLE: DFTPP 244-92-PERF
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B
RANGE: G 1, 700 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3

DATA: BP1116940 #507 SCANS 490 TO 540
CALI: BP1116940 #1



300055

Mass List Data: BP111694D # 508 Base m/z: 198
11/16/94 11:22:00 + 8:28 Cali: BP111694D # 1 RIC: 11792.
Sample: DFTPP 244-92-PERF
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
#507 to #509 averaged - #500 X1.00

39 0.00 0. Minima Min Inten: 0.
443 Maxima # 0

Mass		% RA	Inten.	Mass		% RA	Inten.
39?	S	3.24	57.	276	S	3.47	61.
40?	S	0.17	3.	296	S	5.01	88.
50?	S	9.27	163.	365	S	1.82	32.
51?	S	44.54	783.	423	S	2.16	38.
52?	S	2.10	37.	441	S	7.57	133.
57?	S	2.22	39.	442	S	52.96	931.
63?	S	1.71	30.	443	S	10.92	192.
69	S	53.24	936.				
74	S	2.73	48.				
75	S	6.37	112.				
76	S	1.82	32.				
77	S	50.11	881.				
78	S	2.22	39.				
79	S	3.13	55.				
80	S	1.71	30.				
81	S	2.39	42.				
93	S	4.15	73.				
98	S	1.93	34.				
99	S	1.93	34.				
107	S	10.75	189.				
108	S	1.48	26.				
110	S	24.40	429.				
111	S	3.01	53.				
117	S	5.35	94.				
127	S	49.15	864.				
128	S	2.62	46.				
129	S	15.93	280.				
141	S	1.59	28.				
167	S	4.89	86.				
175	S	1.54	27.				
179	S	2.33	41.				
186	S	10.98	193.				
187	S	3.53	62.				
196	S	5.46	96.				
198	S	100.00	1758.				
199	S	7.05	124.				
204	S	1.82	32.				
205	S	4.95	87.				
206	S	20.14	354.				
207	S	1.88	33.				
217	S	5.63	99.				
221	S	7.79	137.				
224	S	10.64	187.				
225	S	1.76	31.				
227	S	4.15	73.				
244	S	9.33	164.				
255	S	39.59	696.				
256	S	5.86	103.				
274	S	3.92	69.				
275	S	22.53	396.				

300056

GC/MS Tuning and Mass Calibration

DECAFLUOROTRIPHENYLPHOSPHINE

Case Number:		Laboratory:	GULF	Contract:	
Inst ID:	2	Sens Date:	11/16/94	Sens Time:	11:22:00
Lab ID:	BF111694D	Cali Date:	10/02/91	Analyst:	JAM

Data release authorized by: _____

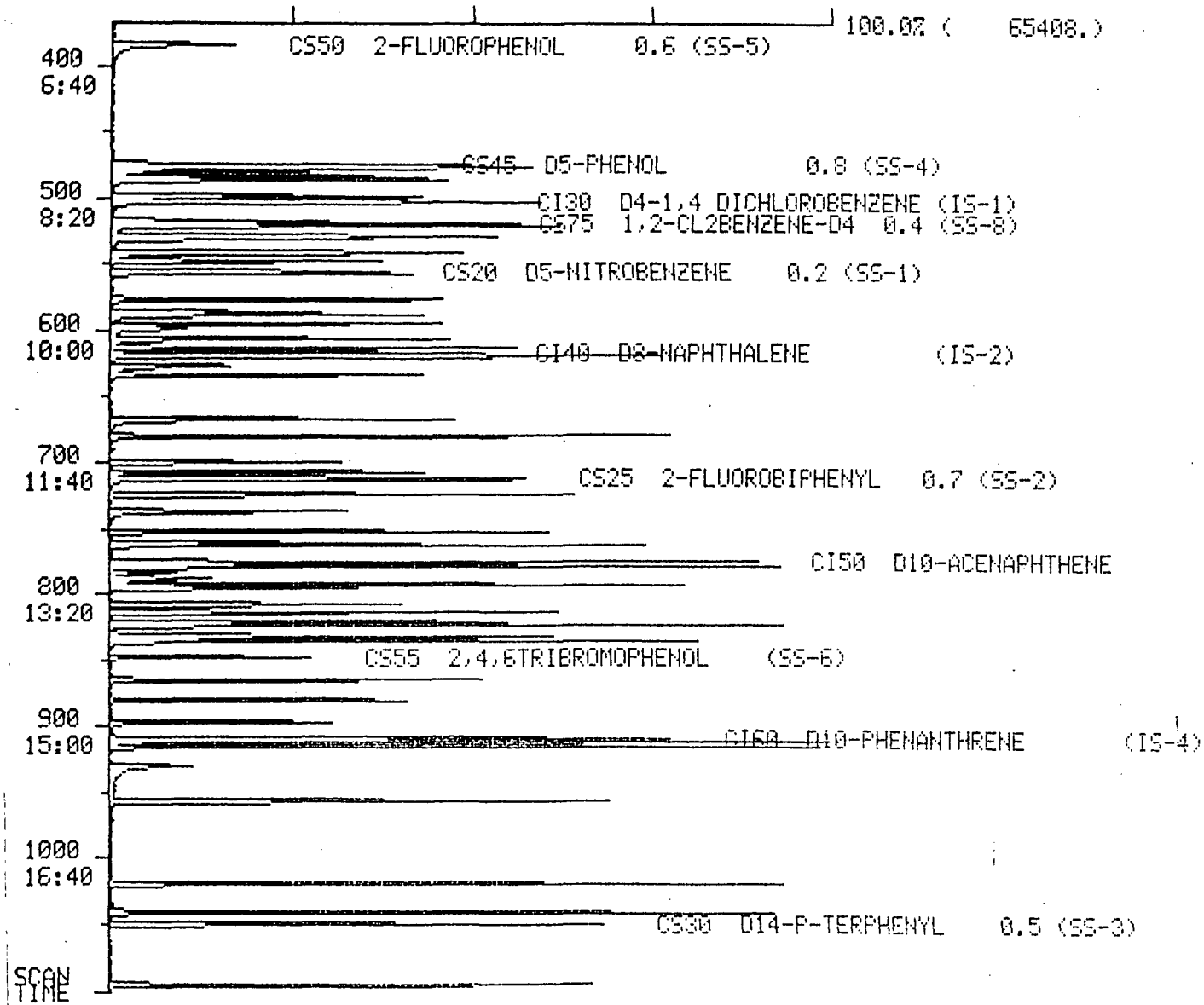
M/E	Ion Abundance Criteria	Spec # 507	
51	30 to 60% of mass 198	44.54	
68	less than 2% of mass 69	0.00	(0.00) 1
69	mass 69 relative abundance	53.24	
70	less than 2% of mass 69	0.00	(0.00) 1
127	40 TO 60% of mass 198	49.15	
197	less than 1% of mass 198	0.00	
198	base peak, 100% relative abundance	100.00	
199	5 TO 9% of mass 198	7.05	
275	10 TO 30% of mass 198	22.53	
365	greater than 1% of mass 198	1.82	
441	less than mass 443	7.57	
442	greater than 40% of mass 198	52.96	
443	17 TO 23% of mass 442	10.92	(20.63) 2

1 - value in parenthesis is % of mass 69
2 - value in parenthesis is % of mass 442

DATA FROM FILE: BS111694A SCANS 368 TO 1101 ACQUIRED: 11/16/94 11:44:00
CALI: BS111694A #1

SAMPLE: SSTD050 290-02-SV25

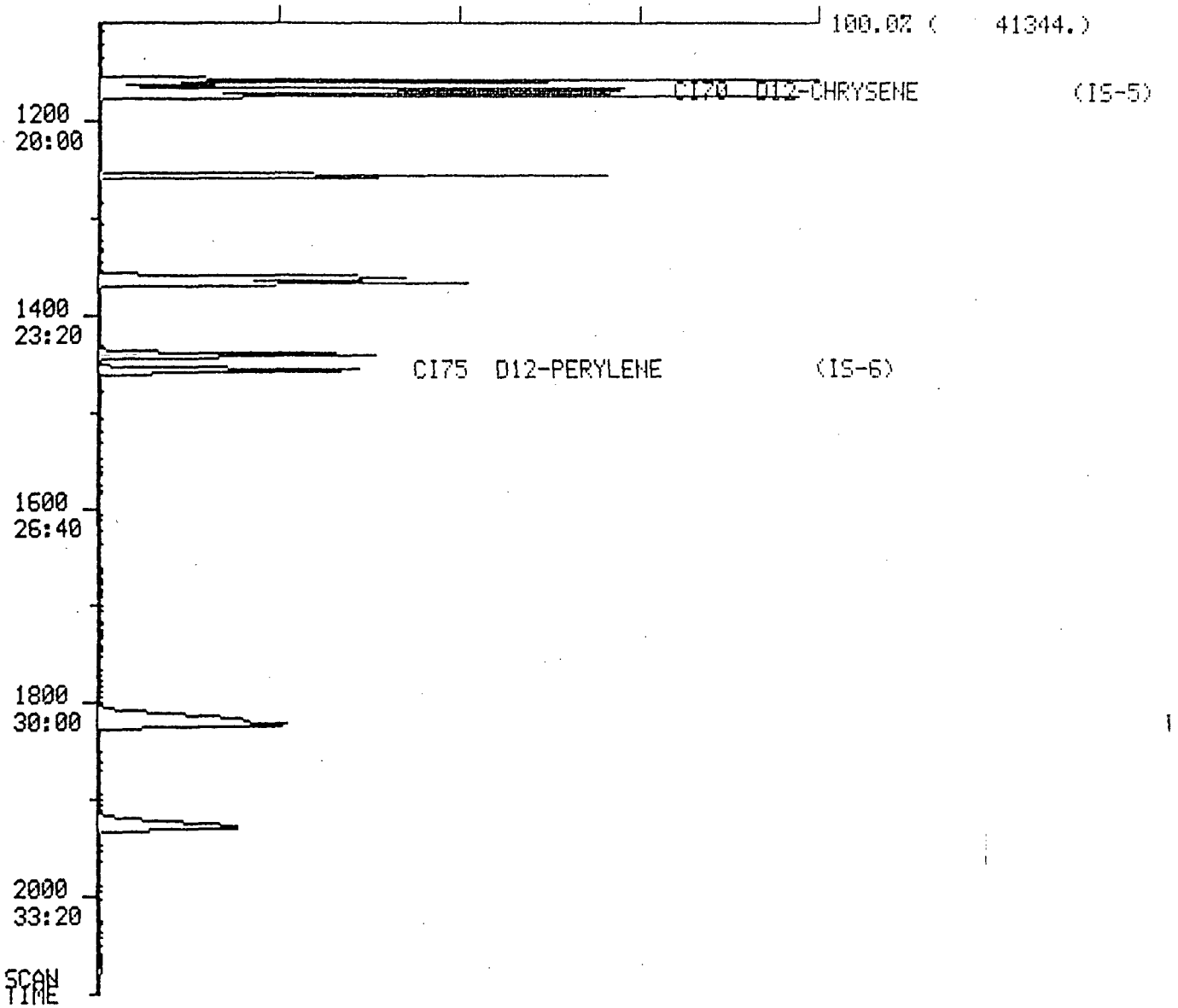
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300058

VOA GC's ROW

DATA FROM FILE: BS111694A SCANS 1101 TO 2100 ACQUIRED: 11/16/94 11:44:00
CALI: BS111694A #1
SAMPLE: SSTD050 290-02-SV25
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



Quantitation Report File: BS111694A

Data: BS111694A.TI
11/16/94 11:44:00
Sample: SSTD050 290-02-SV25
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name			
1	CI30	D4-1,4 DICHLOROBENZENE		(IS-1)
2	CI40	D8-NAPHTHALENE		(IS-2)
3	CI50	D10-ACENAPHTHENE		(IS-3)
4	CI60	D10-PHENANTHRENE		(IS-4)
5	CI70	D12-CHRYSENE		(IS-5)
6	CI75	D12-PERYLENE		(IS-6)
7	CS50	2-FLUOROPHENOL	0.6	(SS-5)
8	CS45	D5-PHENOL	0.8	(SS-4)
9	CS20	D5-NITROBENZENE	0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL	0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL		(SS-6)
12	CS30	D14-P-TERPHENYL	0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4	0.8	(SS-7)
14	CS75	1,2-CL2BENZENE-D4	0.4	(SS-8)
15	C315	*PHENOL	0.8	
16	C325	BIS(2CHLOROETHYL)E	0.7	
17	C330	2CHLOROPHENOL	0.8	
18	C335	1,3DICHLOROBENZENE	0.6	
19	C340	*1,4DICHLOROBENZENE	0.5	T
20	C320	ANILINE		
21	C310	N-NITROSODIMETHYLAMINE		
22	C319	PYRIDINE		T
23	C345	BENZYL ALCOHOL		
24	C350	1,2DICHLOROBENZENE	0.4	
25	C355	2METHYLPHENOL	0.7	T
26	C357	2,2'OXYBIS(1CHLOROPR		
27	C370	&NITROSOPROPYLAMINE	0.5	
28	C375	HEXACHLOROETHANE	0.3	T
29	C410	NITROBENZENE	0.2	T
30	C415	ISOPHORONE	0.4	
31	C420	*2-NITROPHENOL	0.1	
32	C425	2,4-DIMETHYLPHENOL	0.2	
33	C430	BENZOIC ACID		
34	C435	BIS(2CHLOROETHOXY)	0.3	
35	C440	*2,4DICHLOROPHENOL	0.2	
36	C445	1,2,4TRICHLOROBENZ	0.2	
37	C450	NAPHTHALENE	0.7	
38	C455	4-CHLOROANILINE		
39	C460	*CL6BUTADIENE		T
40	C465	*4CHLORO3METHYLPHEN	0.2	
41	C470	2METHYLNAPHTHALENE	0.4	
42	C510	&CL6CYCLOPENTADIENE		
43	C515	*246TRICHLOROPHNEOL	0.2	T
44	C520	2,4,5TRICHLOROPHEN	0.2	T
45	C525	2CHLORONAPHTHALENE	0.8	
46	C530	2-NITROANILINE		
47	C535	DIMETHYL PHTHALATE		

300060

No	Name		
48	C540	ACENAPHTHYLENE	1.3
49	C545	3-NITROANILINE	
50	C550	*ACENAPHTHENE	0.8

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	501	8:21	1	1.000	A BB	9825.	20.000 PPB	0.95
2	136	616	10:16	2	1.000	A BB	33034.	20.000 PPB	0.95
3	164	775	12:55	3	1.000	A BB	19628.	20.000 PPB	0.95
4	188	908	15:08	4	1.000	A BB	32470.	20.000 PPB	0.95
5	240	1170	19:30	5	1.000	A BB	24774.	20.000 PPB	0.95
6	264	1456	24:16	6	1.000	A BB	26348.	20.000 PPB	0.95
7	112	383	6:23	1	0.764	A BB	11257.	25.000 PPB	1.19
8	99	473	7:53	1	0.944	A BV	16300.	25.000 PPB	1.19
9	82	554	9:14	2	0.899	A BB	13607.	25.000 PPB	1.19
10	172	712	11:52	3	0.919	A BB	25926.	25.000 PPB	1.19
11	330	847	14:07	3	1.093	A BB	3003.	25.000 PPB	1.19
12	244	1049	17:29	5	0.897	A BB	24041.	25.000 PPB	1.19
13	132	484	8:04	1	0.966	A BB	13097.	25.000 PPB	1.19
14	152	518	8:38	1	1.034	A BB	9059.	25.000 PPB	1.19
15	94	474	7:54	1	0.946	A BB	20198.	25.000 PPB	1.19
16	93	480	8:00	1	0.958	A VB	16165.	25.000 PPB	1.19
17	128	485	8:05	1	0.968	A BB	12870.	25.000 PPB	1.19
18	146	497	8:17	1	0.992	A BV	14449.	25.000 PPB	1.19
19	146	502	8:22	1	1.002	A VB	15532.	25.000 PPB	1.19
20	93	475	7:55	1	0.948	A BV	20145.	25.000 PPB	1.19
21	74	210	3:30	1	0.419	A BB	7190.	25.000 PPB	1.19
22	79	209	3:29	1	0.417	A BB	10826.	25.000 PPB	1.19
23	108	516	8:36	1	1.030	A BV	7483.	25.000 PPB	1.19
24	146	519	8:39	1	1.036	A BB	14161.	25.000 PPB	1.19
25	108	527	8:47	1	1.052	A VB	12697.	25.000 PPB	1.19
26	45	528	8:48	1	1.054	A BB	21195.	25.000 PPB	1.19
27	70	541	9:01	1	1.080	A BB	8642.	25.000 PPB	1.19
28	117	547	9:07	1	1.092	A BB	5597.	25.000 PPB	1.19
29	77	556	9:16	2	0.903	A BB	14385.	25.000 PPB	1.19
30	82	575	9:35	2	0.933	A BB	28080.	25.000 PPB	1.19
31	139	584	9:44	2	0.948	A BB	7623.	25.000 PPB	1.19
32	107	586	9:46	2	0.951	A BB	9516.	25.000 PPB	1.19
33	122	598	9:58	2	0.971	A BV	5217.	25.000 PPB	1.19
34	93	594	9:54	2	0.964	A BB	17511.	25.000 PPB	1.19
35	162	605	10:05	2	0.982	A BB	10839.	25.000 PPB	1.19
36	180	612	10:12	2	0.994	A BB	12273.	25.000 PPB	1.19
37	128	618	10:18	2	1.003	A BB	34625.	25.000 PPB	1.19
38	127	624	10:24	2	1.013	A BV	11660.	25.000 PPB	1.19
39	225	632	10:32	2	1.026	A BB	5531.	25.000 PPB	1.19
40	107	666	11:06	2	1.081	A BB	10929.	25.000 PPB	1.19
41	142	679	11:19	2	1.102	A BB	24900.	25.000 PPB	1.19
42	237	698	11:38	3	0.901	A BB	6486.	25.000 PPB	1.19
43	196	707	11:47	3	0.912	A BV	8103.	25.000 PPB	1.19
44	196	711	11:51	3	0.917	A VB	8568.	25.000 PPB	1.19
45	162	723	12:03	3	0.933	A BB	22917.	25.000 PPB	1.19
46	65	736	12:16	3	0.950	A BB	7637.	25.000 PPB	1.19
47	163	751	12:31	3	0.969	A BB	26920.	25.000 PPB	1.19
48	152	762	12:42	3	0.983	A BB	36463.	25.000 PPB	1.19
49	138	773	12:53	3	0.997	A BB	2105.	25.000 PPB	1.19
50	153	778	12:58	3	1.004	A BB	21149.	25.000 PPB	1.19

SSTO454
BS1126941

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:21	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:16	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:55	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:08	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:16	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:23	1.00	0.764	1.00	25.00	25.00	0.917	0.917	1.00
8	7:53	1.00	0.944	1.00	25.00	25.00	1.327	1.327	1.00
9	9:14	1.00	0.899	1.00	25.00	25.00	0.330	0.330	1.00
10	11:52	1.00	0.919	1.00	25.00	25.00	1.057	1.057	1.00
11	14:07	1.00	1.093	1.00	25.00	25.00	0.122	0.122	1.00
12	17:29	1.00	0.897	1.00	25.00	25.00	0.776	0.776	1.00
13	8:04	1.00	0.966	1.00	25.00	25.00	1.066	1.066	1.00
14	8:38	1.00	1.034	1.00	25.00	25.00	0.738	0.738	1.00
15	7:54	1.00	0.946	1.00	25.00	25.00	1.645	1.645	1.00
16	8:00	1.00	0.958	1.00	25.00	25.00	1.316	1.316	1.00
17	8:05	1.00	0.968	1.00	25.00	25.00	1.048	1.048	1.00
18	8:17	1.00	0.992	1.00	25.00	25.00	1.177	1.177	1.00
19	8:22	1.00	1.002	1.00	25.00	25.00	1.265	1.265	1.00
20	7:55	1.00	0.948	1.00	25.00	25.00	1.640	1.640	1.00
21	3:30	1.00	0.419	1.00	25.00	25.00	0.585	0.585	1.00
22	3:29	1.00	0.417	1.00	25.00	25.00	0.882	0.882	1.00
23	8:36	1.00	1.030	1.00	25.00	25.00	0.609	0.609	1.00
24	8:39	1.00	1.036	1.00	25.00	25.00	1.153	1.153	1.00
25	8:47	1.00	1.052	1.00	25.00	25.00	1.034	1.034	1.00
26	8:48	1.00	1.054	1.00	25.00	25.00	1.726	1.726	1.00
27	9:01	1.00	1.080	1.00	25.00	25.00	0.704	0.704	1.00
28	9:07	1.00	1.092	1.00	25.00	25.00	0.456	0.456	1.00
29	9:16	1.00	0.903	1.00	25.00	25.00	0.348	0.348	1.00
30	9:35	1.00	0.933	1.00	25.00	25.00	0.680	0.680	1.00
31	9:44	1.00	0.948	1.00	25.00	25.00	0.185	0.185	1.00
32	9:46	1.00	0.951	1.00	25.00	25.00	0.230	0.230	1.00
33	9:58	1.00	0.971	1.00	25.00	25.00	0.126	0.126	1.00
34	9:54	1.00	0.964	1.00	25.00	25.00	0.424	0.424	1.00
35	10:05	1.00	0.982	1.00	25.00	25.00	0.262	0.262	1.00
36	10:12	1.00	0.994	1.00	25.00	25.00	0.297	0.297	1.00
37	10:18	1.00	1.003	1.00	25.00	25.00	0.839	0.839	1.00
38	10:24	1.00	1.013	1.00	25.00	25.00	0.282	0.282	1.00
39	10:32	1.00	1.026	1.00	25.00	25.00	0.134	0.134	1.00
40	11:06	1.00	1.081	1.00	25.00	25.00	0.265	0.265	1.00
41	11:19	1.00	1.102	1.00	25.00	25.00	0.603	0.603	1.00
42	11:38	1.00	0.901	1.00	25.00	25.00	0.264	0.264	1.00
43	11:47	1.00	0.912	1.00	25.00	25.00	0.330	0.330	1.00
44	11:51	1.00	0.917	1.00	25.00	25.00	0.349	0.349	1.00
45	12:03	1.00	0.933	1.00	25.00	25.00	0.934	0.934	1.00
46	12:16	1.00	0.950	1.00	25.00	25.00	0.311	0.311	1.00
47	12:31	1.00	0.969	1.00	25.00	25.00	1.097	1.097	1.00
48	12:42	1.00	0.983	1.00	25.00	25.00	1.486	1.486	1.00
49	12:53	1.00	0.997	1.00	25.00	25.00	0.086	0.086	1.00
50	12:58	1.00	1.004	1.00	25.00	25.00	0.862	0.862	1.00

SST0059

BS111194A

300062

Quantitation Report File: BS111694A

Data: BS111694A.TI
11/16/94 11:44:00
Sample: SSTD050 290-02-SV25
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
51	C321	2,3,4,6-TETRACHLOROPHENOL	
52	C555	&2,4DINITROPHENOL	
53	C560	&4NITROPHENOL	
54	C565	DIBENZOFURAN	0.8
55	C570	2,4DINITROTOLUENE	0.2 T
56	C543	2,6DINITROTOLUENE	0.2
57	C580	DIETHYL PHTHALATE	
58	C585	4CHLOROPHENYL PHEN	0.4
59	C590	FLUORENE	0.9
60	C595	4-NITROANILINE	
61	C610	4,6DINITRO2METHYLPH	
62	C615	*DIPHENYLAMINE	
63	C625	4BROMOPHENYL PHENY	0.1
64	C630	CL6BENZENE	0.1 T
65	C635	*PENTACHLOROPHENOL	0.05 T
66	C640	PHENANTHRENE	0.7
67	C645	ANTHRACENE	0.7
68	C650	DI-NBUTYLPHTHALATE	
69	C655	*FLUORANTHENE	0.6
70	D200	1,2-DIPHENYLHYDRAZINE	
71	C647	CARBAZOLE	
72	C715	PYRENE	0.6
73	C720	BUTYLBENZYLPHTHALATE	
74	C725	3,3'CL2BENZIDINE	
75	C730	BENZO(A)ANTHRACENE	0.8
76	C740	BIS(2ETHYLHEXYL)PHTH	
77	C735	CHRYSENE	0.7
78	C760	*DI-N-OCTYLPHTHALATE	
79	C765	BENZO(B)FLUORANTHE	0.7
80	C770	BENZO(K)FLUORANTHE	0.7
81	C775	*BENZO(A)PYRENE	0.7
82	C780	INDENO(1,2,3CD)PYR	0.5
83	C785	DIBENZO(A,H)ANTHRA	0.4
84	C790	BENZO(G,H,I)PERYLE	0.5
85	C365	4METHYLPHENOL	0.6 T

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	232	806	13:26	3	1.040	A BB	8056.	25.000 PPB	1.19
52	184	782	13:02	3	1.009	A BB	3006.	25.000 PPB	1.19
53	109	787	13:07	3	1.015	A BB	2128.	25.000 PPB	1.19
54	168	792	13:12	3	1.022	A BB	33620.	25.000 PPB	1.19
55	165	794	13:14	3	1.025	A BB	8401.	25.000 PPB	1.19
56	165	759	12:39	3	0.979	A BB	6798.	25.000 PPB	1.19
57	149	813	13:33	3	1.049	A BB	25861.	25.000 PPB	1.19
58	204	820	13:40	3	1.058	A BB	12997.	25.000 PPB	1.19

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	166	823	13:43	3	1.062	A BB	26765.	25.000 PPB	1.19
60	138	830	13:50	3	1.071	A VB	2536.	25.000 PPB	1.19
61	198	831	13:51	4	0.915	A BB	4763.	25.000 PPB	1.19
62	169	832	13:52	4	0.916	A BB	13204.	25.000 PPB	1.19
63	248	864	14:24	4	0.952	A BB	7648.	25.000 PPB	1.19
64	284	879	14:39	4	0.968	A BB	7474.	25.000 PPB	1.19
65	266	895	14:55	4	0.986	A BB	4974.	25.000 PPB	1.19
66	178	910	15:10	4	1.002	A BV	39916.	25.000 PPB	1.19
67	178	914	15:14	4	1.007	A VB	40182.	25.000 PPB	1.19
68	149	955	15:55	4	1.052	A BB	45559.	25.000 PPB	1.19
69	202	1018	16:58	4	1.121	A BB	39629.	25.000 PPB	1.19
70	77	835	13:55	4	0.920	A BB	34947.	25.000 PPB	1.19
71	167	928	15:28	4	1.022	A BB	14584.	25.000 PPB	1.19
72	202	1040	17:20	5	0.889	A BB	41417.	25.000 PPB	1.19
73	149	1094	18:14	5	0.935	A BB	19095.	25.000 PPB	1.19
74	252	1162	19:22	5	0.993	A BB	6377.	25.000 PPB	1.19
75	228	1167	19:27	5	0.997	A BV	32715.	25.000 PPB	1.19
76	149	1158	19:18	5	0.990	A BB	27463.	25.000 PPB	1.19
77	228	1174	19:34	5	1.003	A VB	30125.	25.000 PPB	1.19
78	149	1255	20:55	6	0.862	A BB	45164.	25.000 PPB	1.19
79	252	1360	22:40	6	0.934	A BV	33056.	25.000 PPB	1.19
80	252	1366	22:46	6	0.938	A VB	28720.	25.000 PPB	1.19
81	252	1440	24:00	6	0.989	A BB	29173.	25.000 PPB	1.19
82	276	1815	30:15	6	1.247	A BB	31601.	25.000 PPB	1.19
83	278	1822	30:22	6	1.251	A BB	24105.	25.000 PPB	1.19
84	276	1927	32:07	6	1.323	A BB	26716.	25.000 PPB	1.19
85	108	540	9:00	1	1.078	A BB	12756.	25.000 PPB	1.19

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
51	13:26	1.00	1.040	1.00	25.00	25.00	0.328	0.328	1.00
52	13:02	1.00	1.009	1.00	25.00	25.00	0.123	0.123	1.00
53	13:07	1.00	1.015	1.00	25.00	25.00	0.087	0.087	1.00
54	13:12	1.00	1.022	1.00	25.00	25.00	1.370	1.370	1.00
55	13:14	1.00	1.025	1.00	25.00	25.00	0.342	0.342	1.00
56	12:39	1.00	0.979	1.00	25.00	25.00	0.277	0.277	1.00
57	13:33	1.00	1.049	1.00	25.00	25.00	1.054	1.054	1.00
58	13:40	1.00	1.058	1.00	25.00	25.00	0.530	0.530	1.00
59	13:43	1.00	1.062	1.00	25.00	25.00	1.091	1.091	1.00
60	13:50	1.00	1.071	1.00	25.00	25.00	0.103	0.103	1.00
61	13:51	1.00	0.915	1.00	25.00	25.00	0.117	0.117	1.00
62	13:52	1.00	0.916	1.00	25.00	25.00	0.325	0.325	1.00
63	14:24	1.00	0.952	1.00	25.00	25.00	0.188	0.188	1.00
64	14:39	1.00	0.968	1.00	25.00	25.00	0.184	0.184	1.00
65	14:55	1.00	0.986	1.00	25.00	25.00	0.123	0.123	1.00
66	15:10	1.00	1.002	1.00	25.00	25.00	0.983	0.983	1.00
67	15:14	1.00	1.007	1.00	25.00	25.00	0.990	0.990	1.00
68	15:55	1.00	1.052	1.00	25.00	25.00	1.122	1.122	1.00
69	16:58	1.00	1.121	1.00	25.00	25.00	0.976	0.976	1.00
70	13:55	1.00	0.920	1.00	25.00	25.00	0.861	0.861	1.00
71	15:28	1.00	1.022	1.00	25.00	25.00	0.359	0.359	1.00
72	17:20	1.00	0.889	1.00	25.00	25.00	1.337	1.337	1.00
73	18:14	1.00	0.935	1.00	25.00	25.00	0.617	0.617	1.00
74	19:22	1.00	0.993	1.00	25.00	25.00	0.206	0.206	1.00
75	19:27	1.00	0.997	1.00	25.00	25.00	1.056	1.056	1.00
76	19:18	1.00	0.990	1.00	25.00	25.00	0.887	0.887	1.00
77	19:34	1.00	1.003	1.00	25.00	25.00	0.973	0.973	1.00

SST005P
BS111694A

300064

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
78	20:55	1.00	0.862	1.00	25.00	25.00	1.371	1.371	1.00
79	22:40	1.00	0.934	1.00	25.00	25.00	1.004	1.004	1.00
80	22:46	1.00	0.938	1.00	25.00	25.00	0.872	0.872	1.00
81	24:00	1.00	0.989	1.00	25.00	25.00	0.886	0.886	1.00
82	30:15	1.00	1.247	1.00	25.00	25.00	0.960	0.960	1.00
83	30:22	1.00	1.251	1.00	25.00	25.00	0.732	0.732	1.00
84	32:07	1.00	1.323	1.00	25.00	25.00	0.811	0.811	1.00
85	9:00	1.00	1.078	1.00	25.00	25.00	1.039	1.039	1.00

SSTDOSP

BS111694A

Calibration Check

Instrument Identifier: B
Calibration Date: 08/20/94
Standard File: BS111694A
Date: 11/16/94 Time: 11:44:00
MIN RF: SW(&) = .05 CLP = .01 OR BELOW
MAX %D: SW(*) = 30% CLP = 25%

	Compound		Mean RF(I)	RF(O)	% D	
CS50	2-FLUOROPHENOL	0.6	0.996	0.917	7.963	
CS45	D5-PHENOL	0.8	1.309	1.328	1.414	
CS20	D5-NITROBENZENE	0.2	0.294	0.330	12.121	
CS25	2-FLUOROBIPHENYL	0.7	1.089	1.057	2.890	
CS55	2,4,6TRIBROMOPHENOL		0.117	0.123	4.606	
CS30	D14-P-TERPHENYL	0.5	0.841	0.777	7.685	
CS70	2-CHLOROPHENOL-D4	0.8	1.095	1.067	2.558	
CS75	1,2-CL2BENZENE-D4	0.4	0.725	0.738	1.879	
C315	*PHENOL	0.8	1.593	1.645	3.284	✓
C325	BIS(2CHLOROETHYL)E	0.7	1.384	1.317	4.882	
C330	2CHLOROPHENOL	0.8	1.118	1.048	6.213	
C335	1,3DICHLOROBENZENE	0.6	1.234	1.177	4.638	✓
C340	*1,4DICHLOROBENZENE	0.5	1.251	1.265	1.173	✓
C320	ANILINE		1.393	1.641	17.829	
C310	N-NITROSODIMETHYLAMINE		0.621	0.586	5.649	
C319	PYRIDINE		0.918	0.882	3.917	✓
C345	BENZYL ALCOHOL		0.581	0.610	4.970	
C350	1,2DICHLOROBENZENE	0.4	1.143	1.154	0.960	
C355	2METHYLPHENOL	0.7	1.035	1.034	0.021	
C357	2,2'OXYBIS(1CHLOROPR		1.301	1.726	32.694	
C365	4METHYLPHENOL	0.6	1.056	1.039	1.555	
C370	&NITROSOPROPYLAMINE	0.5	0.614	0.704	14.622	
C375	HEXACHLOROETHANE	0.3	0.454	0.456	0.542	
C410	NITROBENZENE	0.2	0.294	0.349	18.485	
C415	ISOPHORONE	0.4	0.575	0.681	18.298	
C420	*2-NITROPHENOL	0.1	0.176	0.185	5.304	
C425	2,4-DIMETHYLPHENOL	0.2	0.225	0.231	2.684	
C430	BENZOIC ACID		0.140	0.127	9.406	
C435	BIS(2CHLOROETHOXY)	0.3	0.388	0.425	9.412	
C440	*2,4DICHLOROPHENOL	0.2	0.256	0.263	2.566	
C445	1,2,4TRICHLOROBENZ	0.2	0.273	0.298	9.092	
C450	NAPHTHALENE	0.7	0.857	0.839	2.051	
C455	4-CHLOROANILINE		0.323	0.283	12.455	
C460	*CL6BUTADIENE		0.127	0.134	5.902	
C465	*4CHLORO3METHYLPHEN	0.2	0.237	0.265	11.961	
C470	2METHYLNAPHTHALENE	0.4	0.583	0.604	3.509	
C510	&CL6CYCLOPENTADIENE		0.286	0.265	7.325	
C515	*246TRICHLOROPHNEOL	0.2	0.329	0.331	0.466	
C520	2,4,5TRICHLOROPHEN	0.2	0.356	0.350	1.844	
C525	2CHLORONAPHTHALENE	0.8	1.022	0.935	8.515	
C530	2-NITROANILINE		0.271	0.312	15.025	
C535	DIMETHYL PHTHALATE		1.111	1.098	1.211	
C540	ACENAPHTHYLENE	1.3	1.558	1.487	4.554	
C545	3-NITROANILINE		0.148	0.086	41.764	
C550	*ACENAPHTHENE	0.8	0.916	0.862	5.883	
C321	2,3,4,6-TETRACHLOROPHE		0.302	0.329	8.928	
C555	&2,4DINITROPHENOL		0.148	0.123	16.684	

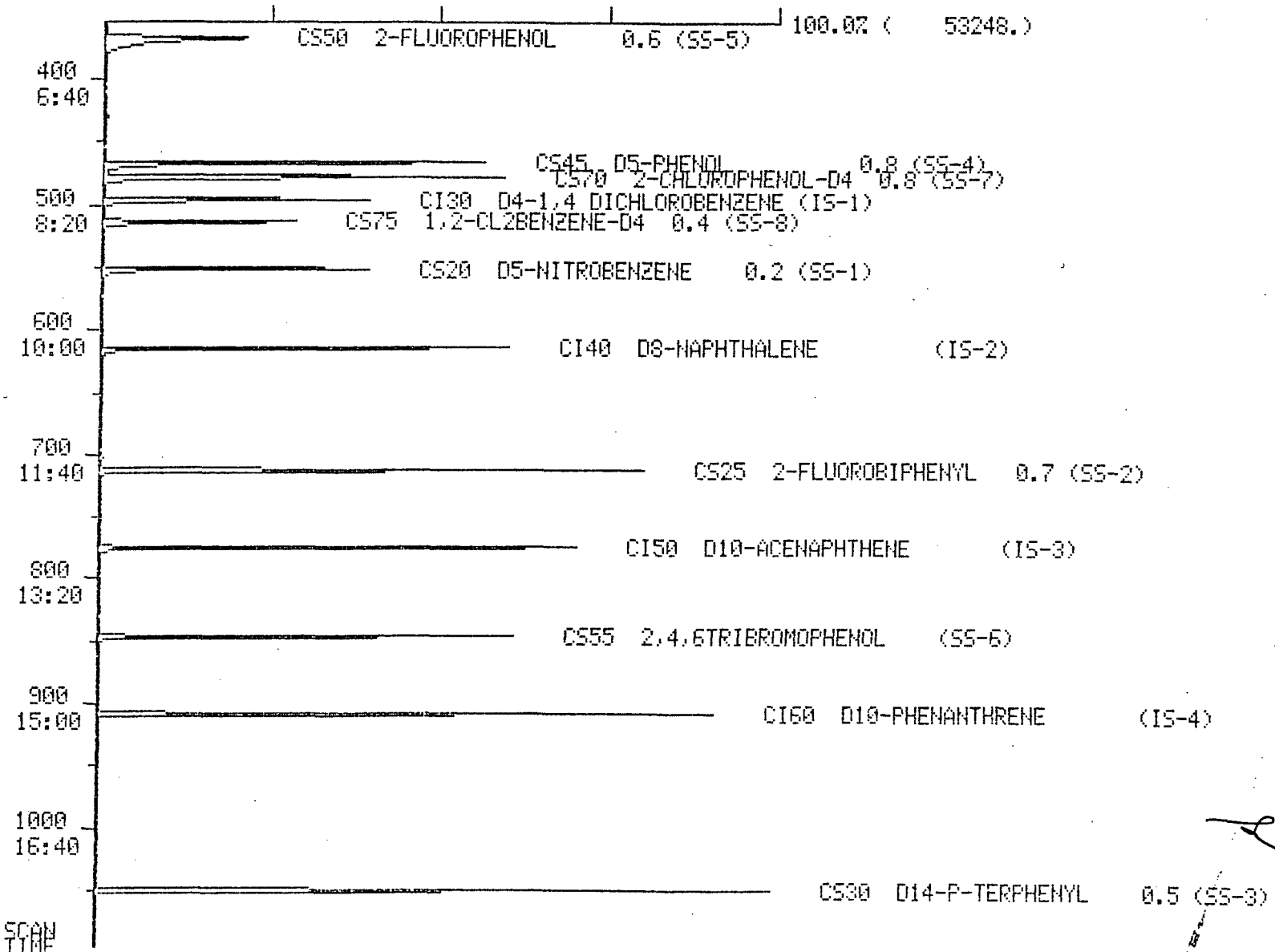
300066

C560	&4NITROPHENOL		0.084	0.087	4.072
C565	DIBENZOFURAN	0.8	1.322	1.371	3.715
C570	2,4DINITROTOLUENE	0.2	0.360	0.343	4.636
C543	2,6DINITROTOLUENE	0.2	0.296	0.278	6.327
C580	DIETHYL PHTHALATE		1.062	1.055	0.658
C585	4CHLOROPHENYL PHEN	0.4	0.520	0.530	1.972
C590	FLUORENE	0.9	1.097	1.091	0.520
C595	4-NITROANILINE		0.124	0.104	16.140
C610	4,6DINITRO2METHYLPH		0.136	0.118	13.322 /
C615	*DIPHENYLAMINE		0.393	0.326	17.000 /
C625	4BROMOPHENYL PHENY	0.1	0.183	0.189	3.509
C630	CL6BENZENE	0.1	0.185	0.185	0.188 /
C635	*PENTACHLOROPHENOL	0.05	0.133	0.123	7.462
C640	PHENANTHRENE	0.7	1.012	0.984	2.747
C645	ANTHRACENE	0.7	1.021	0.991	3.019
C650	DI-NBUTYLPHTHALATE		1.245	1.123	9.834
C655	*FLUORANTHENE	0.6	0.987	0.977	1.027 /
D200	1,2-DIPHENYLHYDRAZINE		0.813	0.862	6.015
C647	CARBAZOLE		0.591	0.360	39.141
C715	PYRENE	0.6	1.440	1.338	7.066
C720	BUTYLBENZYLPHTHALATE		0.714	0.617	13.610
C725	3,3'CL2BENZIDINE		0.135	0.206	53.089
C730	BENZO(A)ANTHRACENE	0.8	1.107	1.057	4.500
C740	BIS(2ETHYLHEXYL)PHTH		0.978	0.887	9.295
C735	CHRYSENE	0.7	1.007	0.973	3.383 /
C760	*DI-N-OCTYLPHTHALATE		1.555	1.372	11.804 /
C765	BENZO(B)FLUORANTHE	0.7	1.079	1.004	6.927
C770	BENZO(K)FLUORANTHE	0.7	0.909	0.873	4.048
C775	*BENZO(A)PYRENE	0.7	0.917	0.886	3.396 /
C780	INDENO(1,2,3CD)PYR	0.5	0.920	0.960	4.383
C785	DIBENZO(A,H)ANTHRA	0.4	0.713	0.732	2.669
C790	BENZO(G,H,I)PERYLE	0.5	0.765	0.812	6.138

continuing
BS111684A

300067

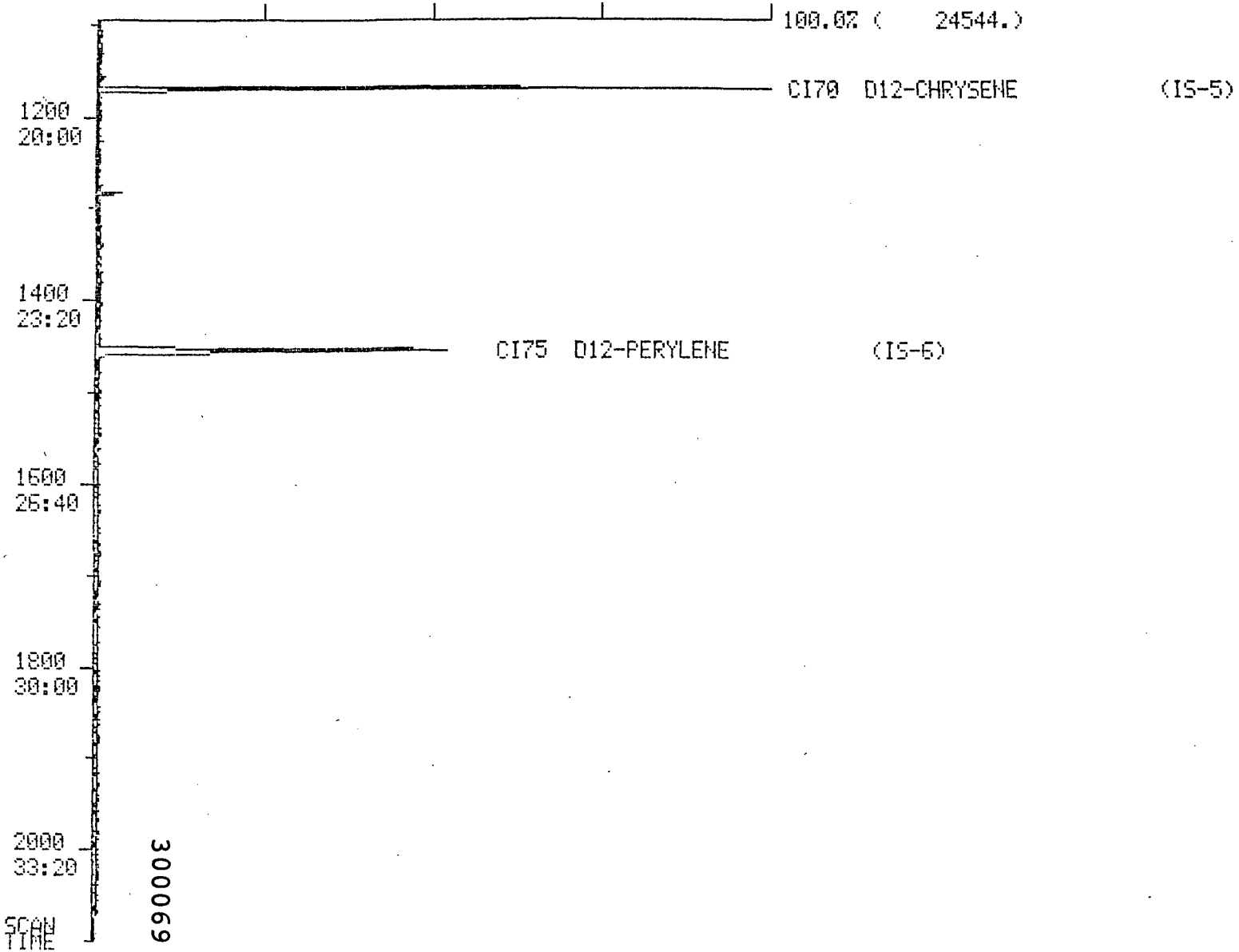
DATA FROM FILE: SV10966WB2 SCANS 355 TO 1095 ACQUIRED: 11/16/94 15:10:00
CALI: SV10966WB2 #1
SAMPLE: SBLKW WATER-10966WB2
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



890068

DATA FROM FILE: SV10966WB2 SCANS 1095 TO 2100 ACQUIRED: 11/16/94 15:10:00
CALI: SV10966WB2 #1

SAMPLE: SBLKW WATER-10966WB2
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300069

Quantitation Report File: SV10966WB2

Data: SV10966WB2.TI
1/16/94 15:10:00
Sample: SBLKW WATER-10966WB2
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: S B W Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.: 10966

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

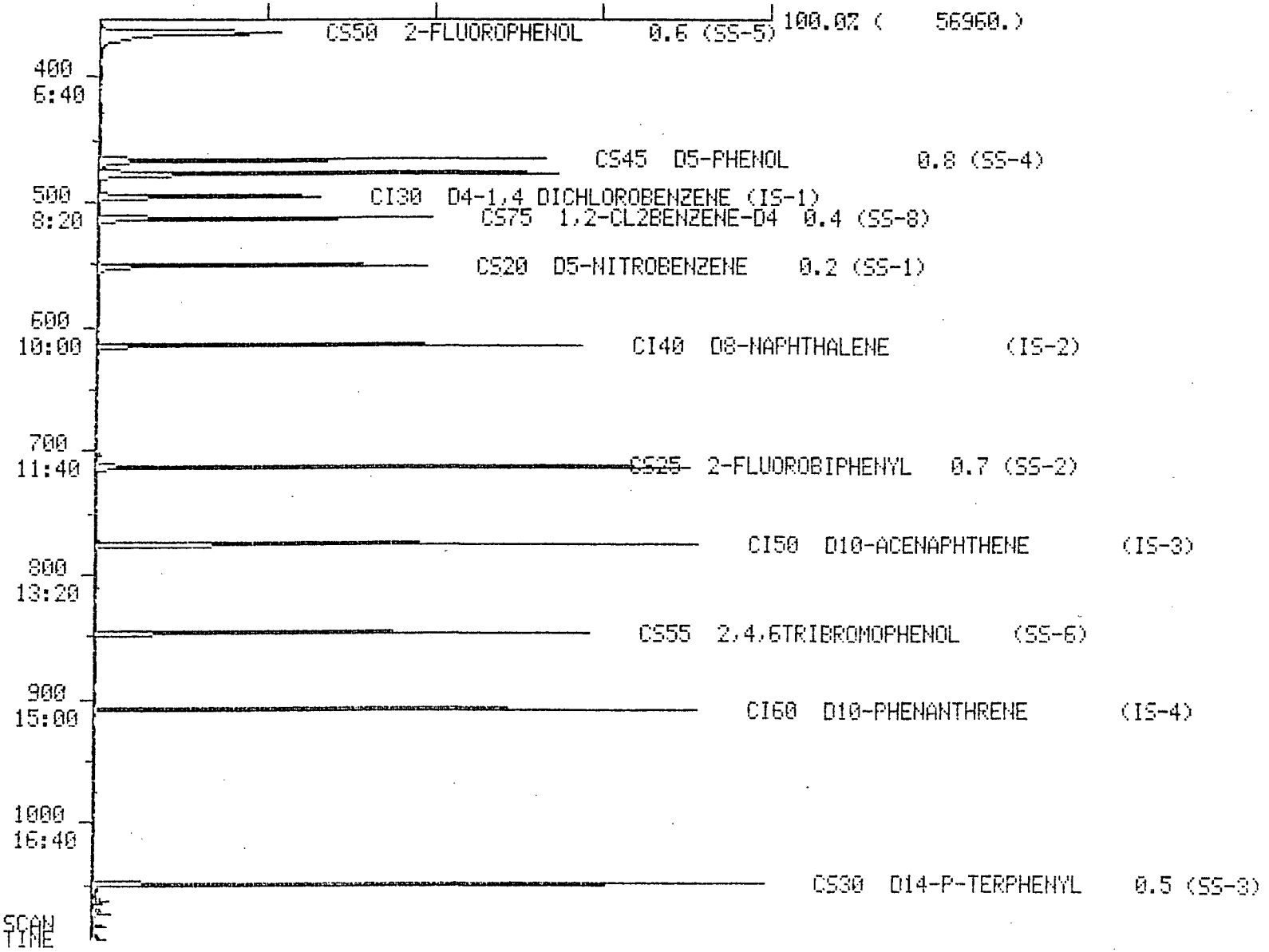
No	Name		
1	CI30	D4-1,4 DICHLOROBENZENE	(IS-1)
2	CI40	D8-NAPHTHALENE	(IS-2)
3	CI50	D10-ACENAPHTHENE	(IS-3)
4	CI60	D10-PHENANTHRENE	(IS-4)
5	CI70	D12-CHRYSENE	(IS-5)
6	CI75	D12-PERYLENE	(IS-6)
7	CS50	2-FLUOROPHENOL 0.6	(SS-5)
8	CS45	D5-PHENOL 0.8	(SS-4)
9	CS20	D5-NITROBENZENE 0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL 0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL	(SS-6)
12	CS30	D14-P-TERPHENYL 0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4 0.8	(SS-7)
14	CS75	1,2-CL2BENZENE-D4 0.4	(SS-8)

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	495	8:15	1	1.000	A BB	7838.	20.000 PPB	4.35
2	136	614	10:14	2	1.000	A BB	29039.	20.000 PPB	4.35
3	164	774	12:54	3	1.000	A BB	17084.	20.000 PPB	4.35
4	188	907	15:07	4	1.000	A BB	27012.	20.000 PPB	4.35
5	240	1168	19:28	5	1.000	A BB	22395.	20.000 PPB	4.35
6	264	1453	24:13	6	1.000	A BB	23406.	20.000 PPB	4.35
7	112	367	6:07	1	0.741	A BB	17981.	50.056 PPB	10.89
8	99	466	7:46	1	0.941	A BV	28256.	54.324 PPB	11.81
9	82	551	9:11	2	0.897	A BB	15406.	32.199 PPB	7.00
10	172	712	11:52	3	0.920	A BB	26803.	29.694 PPB	6.46
11	330	846	14:06	3	1.093	A BB	6295.	60.210 PPB	13.09
12	244	1049	17:29	5	0.898	A BB	34061.	39.182 PPB	8.52
13	132	477	7:57	1	0.964	A BB	21676.	51.865 PPB	11.28
14	152	513	8:33	1	1.036	A BB	6449.	22.309 PPB	4.85

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:21	0.99	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:16	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:55	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:08	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:16	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:23	0.96	0.764	0.97	50.06	25.00	1.835	0.917	2.00
8	7:53	0.99	0.944	1.00	54.32	25.00	2.884	1.327	2.17
9	9:14	0.99	0.899	1.00	32.20	25.00	0.424	0.330	1.29
10	11:52	1.00	0.919	1.00	29.69	25.00	1.255	1.057	1.19
11	14:07	1.00	1.093	1.00	60.21	25.00	0.295	0.122	2.41

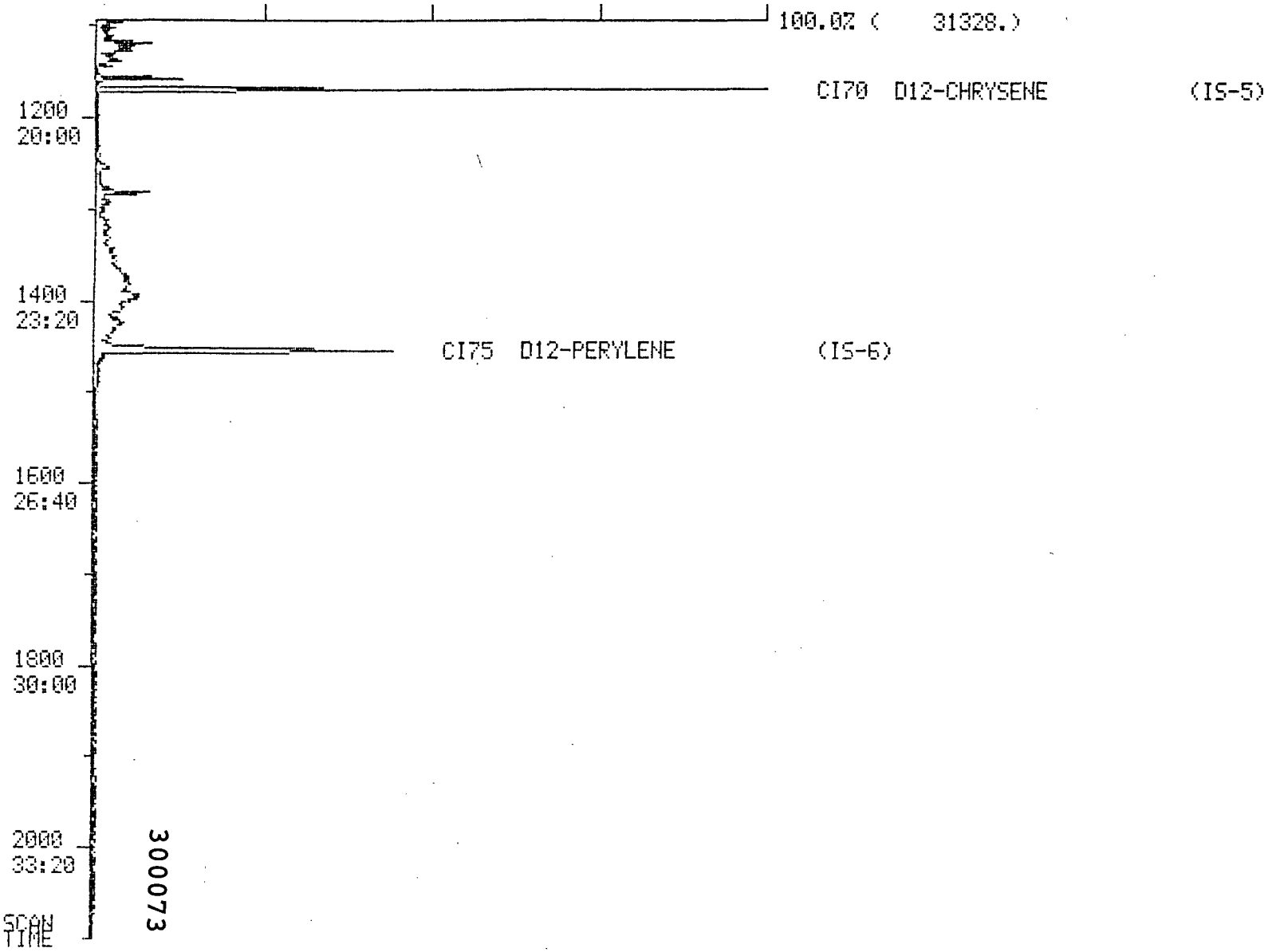
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
12	17:29	1.00	0.897	1.00	39.18	25.00	1.217	0.776	1.57
13	8:04	0.99	0.966	1.00	51.87	25.00	2.212	1.066	2.07
14	8:38	0.99	1.034	1.00	22.31	25.00	0.658	0.738	0.89

DATA FROM FILE: SVUNS01 SCANS 354 TO 1094 ACQUIRED: 11/16/94 15:50:00
CALI: SVUNS01 #1
SAMPLE: PT-1/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300072

DATA FROM FILE: SVUNS01 SCANS 1094 TO 2100 ACQUIRED: 11/16/94 15:50:00
CALI: SVUNS01 #1
SAMPLE: PT-1/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



Quantitation Report File: SVUNS01

Data: SVUNS01.TI
1/16/94 15:50:00
Sample: PT-1/110494 WATER HLA
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: S S W Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.: 10966

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
1	CI30	D4-1,4 DICHLOROBENZENE	(IS-1)
2	CI40	D8-NAPHTHALENE	(IS-2)
3	CI50	D10-ACENAPHTHENE	(IS-3)
4	CI60	D10-PHENANTHRENE	(IS-4)
5	CI70	D12-CHRYSENE	(IS-5)
6	CI75	D12-PERYLENE	(IS-6)
7	CS50	2-FLUOROPHENOL 0.6	(SS-5)
8	CS45	D5-PHENOL 0.8	(SS-4)
9	CS20	D5-NITROBENZENE 0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL 0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL	(SS-6)
12	CS30	D14-P-TERPHENYL 0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4 0.8	(SS-7)
14	CS75	1,2-CL2BENZENE-D4 0.4	(SS-8)
15	C720	BUTYLBENZYLPHTHALATE	
16	C740	BIS(2ETHYLHEXYL)PHTH	
17	C760	*DI-N-OCTYLPHTHALATE	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	494	8:14	1	1.000	A BB	8553.	20.000 PPB	3.86
2	136	614	10:14	2	1.000	A BB	30853.	20.000 PPB	3.86
3	164	774	12:54	3	1.000	A BB	18061.	20.000 PPB	3.86
4	188	907	15:07	4	1.000	A BB	29565.	20.000 PPB	3.86
5	240	1168	19:28	5	1.000	A BB	23933.	20.000 PPB	3.86
6	264	1453	24:13	6	1.000	A BB	24679.	20.000 PPB	3.86
7	112	363	6:03	1	0.735	A BB	22400.	57.145 PPB	11.03
8	99	464	7:44	1	0.939	A BB	35340.	62.263 PPB	12.02
9	82	550	9:10	2	0.896	A BB	19002.	37.380 PPB	7.21
10	172	711	11:51	3	0.919	A BB	36462.	38.210 PPB	7.37
11	330	846	14:06	3	1.093	A BB	7357.	66.561 PPB	12.85
12	244	1048	17:28	5	0.897	A BB	36651.	39.452 PPB	7.61
13	132	475	7:55	1	0.962	A BB	26856.	58.888 PPB	11.37
14	152	512	8:32	1	1.036	A BB	9537.	30.233 PPB	5.84
15	149	1092	18:12	5	0.935	A VV	2220.	3.008 PPB	0.58
16	149	1156	19:16	5	0.990	A BB	3837.	3.616 PPB	0.70
17	149	1253	20:53	6	0.862	A BB	2308.	1.364 PPB	0.26

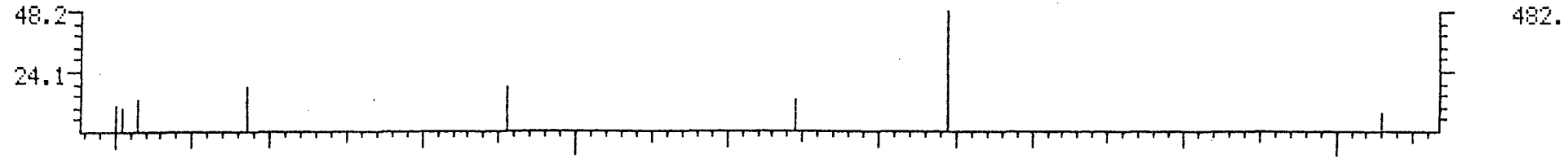
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:21	0.99	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:16	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:55	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:08	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
6	24:16	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:23	0.95	0.764	0.96	57.15	25.00	2.095	0.917	2.29
8	7:53	0.98	0.944	0.99	62.26	25.00	3.306	1.327	2.49
9	9:14	0.99	0.899	1.00	37.38	25.00	0.493	0.330	1.50
10	11:52	1.00	0.919	1.00	38.21	25.00	1.615	1.057	1.53
11	14:07	1.00	1.093	1.00	66.56	25.00	0.326	0.122	2.66
12	17:29	1.00	0.897	1.00	39.45	25.00	1.225	0.776	1.58
13	8:04	0.98	0.966	1.00	58.89	25.00	2.512	1.066	2.36
14	8:38	0.99	1.034	1.00	30.23	25.00	0.892	0.738	1.21
15	18:14	1.00	0.935	1.00	3.01	25.00	0.074	0.617	0.12
16	19:18	1.00	0.990	1.00	3.62	25.00	0.128	0.887	0.14
17	20:55	1.00	0.862	1.00	1.36	25.00	0.075	1.371	0.05

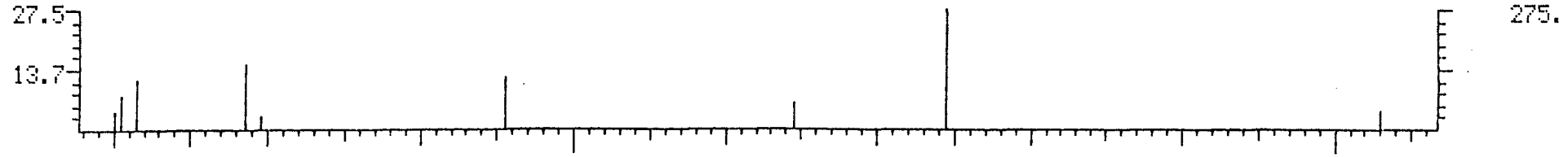
TARGET COMPOUND COMPARISON

COMPOUND: C720 BUTYLBENZYLPHTHALATE

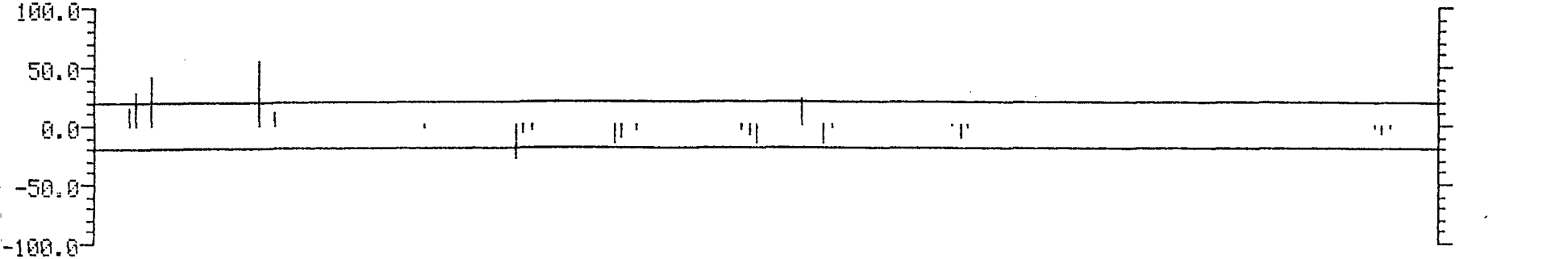
RAW DATA: SVUNS01 #1092 BASE M/Z: 149 RIC: 1362.
11/16/94 15:50
SAMPLE: FT-1/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



ENHANCED DATA: SVUNS01 #1092 BASE M/Z: 149 RIC: 902.



LIBRARY FILE: SN #52 BASE M/Z: 149 RIC: 2940.

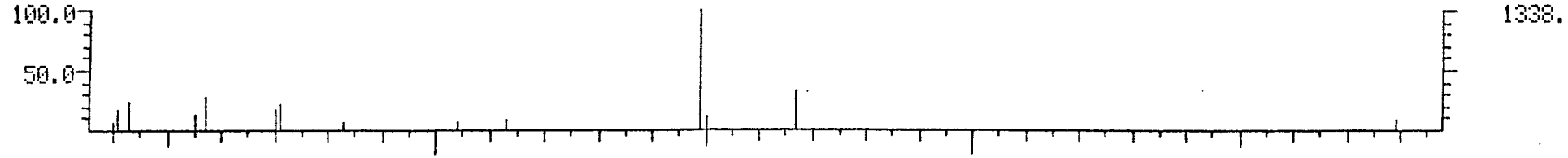


300076

TARGET COMPOUND COMPARISON

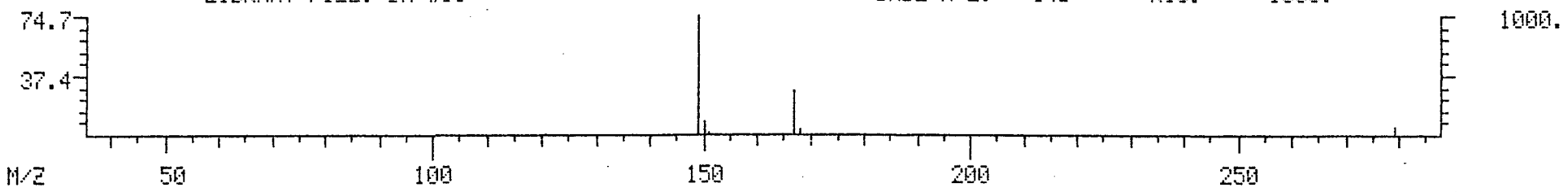
COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

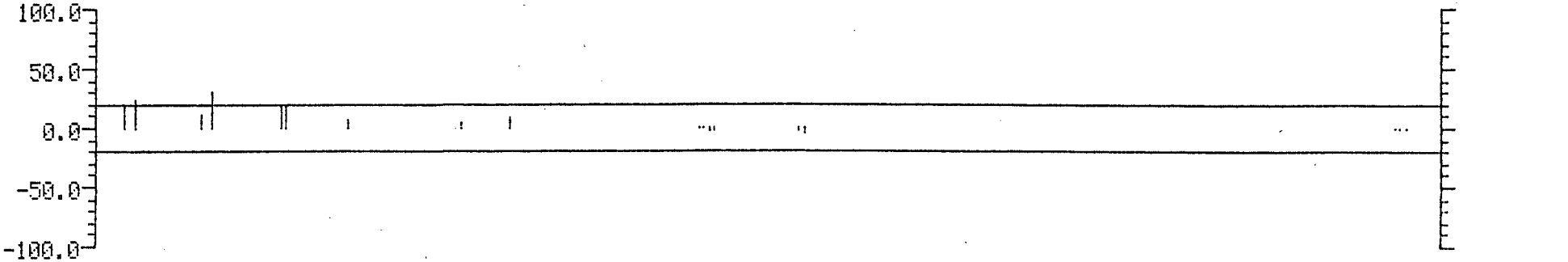
RAW DATA: SVUN501 #1156 BASE M/Z: 149 RIC: 4056.
11/16/94 15:50
SAMPLE: PT-1/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



ENHANCED DATA: SVUN501 #1156 BASE M/Z: 149 RIC: 3200.

LIBRARY FILE: SN #56 BASE M/Z: 149 RIC: 1586.



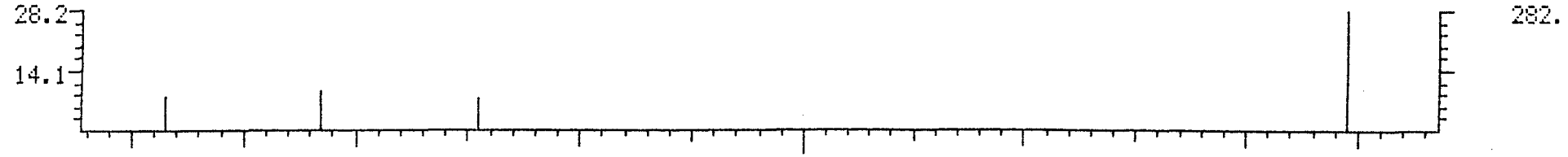


300077

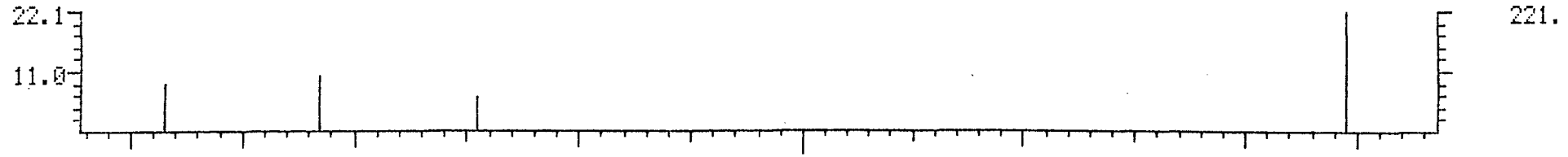
TARGET COMPOUND COMPARISON

COMPOUND: C760 #DI-N-OCTYLPHTHALATE

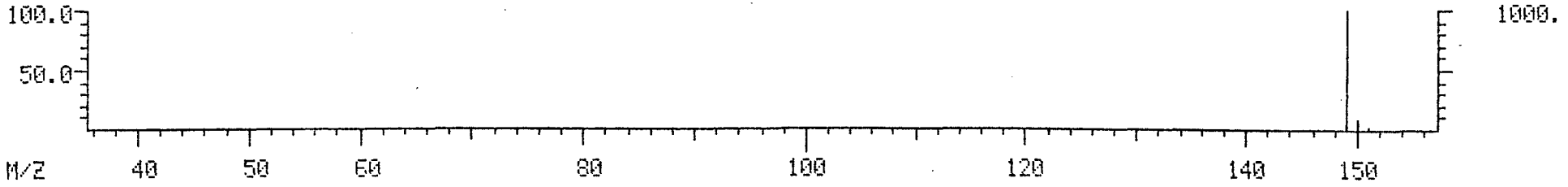
RAW DATA: SVUNS01 #1253 BASE M/Z: 149 RIC: 528.
11/16/94 15:50
SAMPLE: PT-1/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B

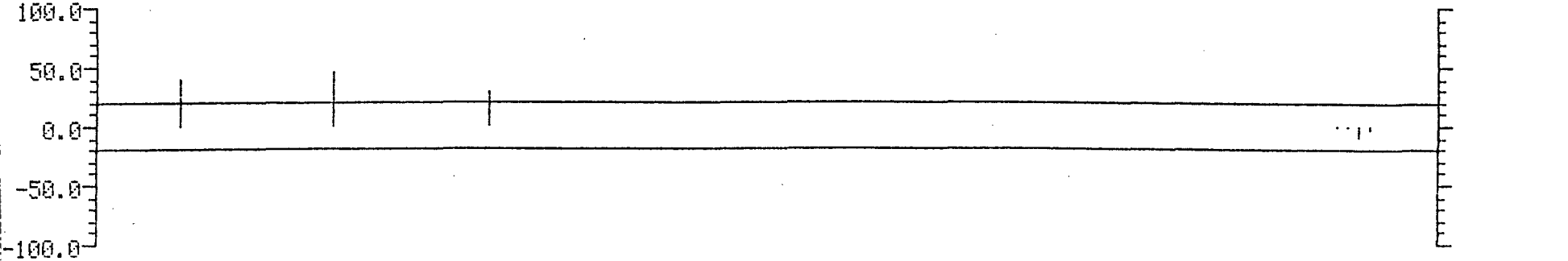


ENHANCED DATA: SVUNS01 #1253 BASE M/Z: 149 RIC: 471.



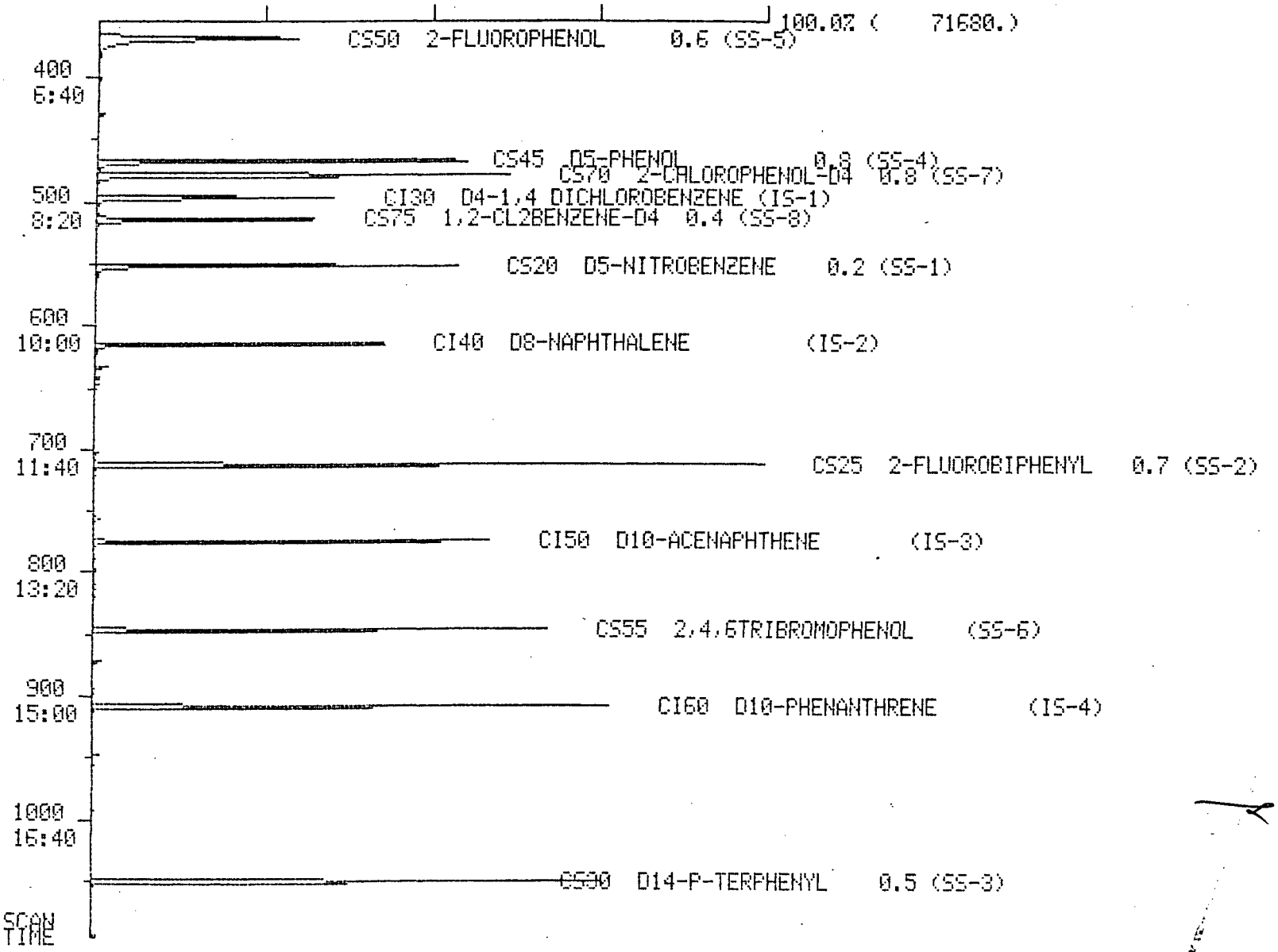
LIBRARY FILE: SN #57 BASE M/Z: 149 RIC: 1110.





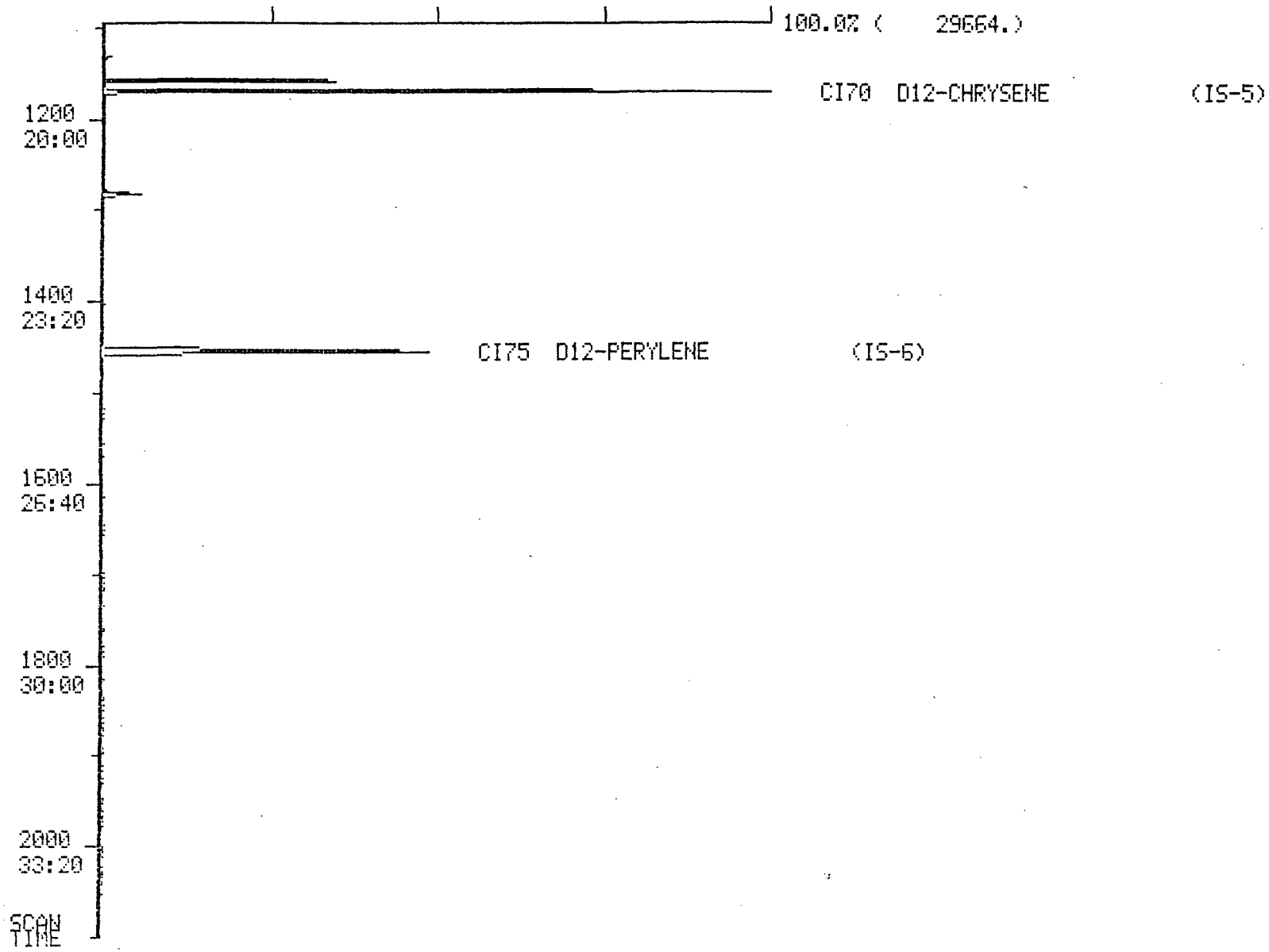
300078

DATA FROM FILE: SVUN502 SCANS 355 TO 1095 ACQUIRED: 11/16/94 16:31:00
CALI: SVUN502 #1
SAMPLE: PT-2/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300079

DATA FROM FILE: SVUNS02 SCANS 1095 TO 2100 ACQUIRED: 11/16/94 16:31:00
CALI: SVUNS02 #1
SAMPLE: PT-2/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



Quantitation Report File: SVUNS02

Data: SVUNS02.TI
1/16/94 16:31:00
Sample: PT-2/110494 WATER HLA
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: S S W Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.: 10966

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
1	CI30	D4-1,4 DICHLOROBENZENE	(IS-1)
2	CI40	D8-NAPHTHALENE	(IS-2)
3	CI50	D10-ACENAPHTHENE	(IS-3)
4	CI60	D10-PHENANTHRENE	(IS-4)
5	CI70	D12-CHRYSENE	(IS-5)
6	CI75	D12-PERYLENE	(IS-6)
7	CS50	2-FLUOROPHENOL 0.6	(SS-5)
8	CS45	D5-PHENOL 0.8	(SS-4)
9	CS20	D5-NITROBENZENE 0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL 0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL	(SS-6)
12	CS30	D14-P-TERPHENYL 0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4 0.8	(SS-7)
14	CS75	1,2-CL2BENZENE-D4 0.4	(SS-8)
15	C740	BIS(2ETHYLHEXYL)PHTH	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	495	8:15	1	1.000	A BB	8633.	20.000 PPB	3.69
2	136	614	10:14	2	1.000	A BB	32871.	20.000 PPB	3.69
3	164	774	12:54	3	1.000	A BB	18538.	20.000 PPB	3.69
4	188	907	15:07	4	1.000	A BB	31305.	20.000 PPB	3.69
5	240	1168	19:28	5	1.000	A BB	24671.	20.000 PPB	3.69
6	264	1453	24:13	6	1.000	A BB	27222.	20.000 PPB	3.69
7	112	368	6:08	1	0.743	A BB	24637.	62.270 PPB	11.49
8	99	466	7:46	1	0.941	A BB	38259.	66.782 PPB	12.32
9	82	551	9:11	2	0.897	A BB	21234.	39.206 PPB	7.23
10	172	712	11:52	3	0.920	A BB	38195.	38.996 PPB	7.19
11	330	846	14:06	3	1.093	A BB	8053.	70.983 PPB	13.09
12	244	1048	17:28	5	0.897	A BB	40723.	42.524 PPB	7.84
13	132	478	7:58	1	0.966	A BB	29560.	64.216 PPB	11.85
14	152	513	8:33	1	1.036	A BB	9629.	30.242 PPB	5.58
15	149	1156	19:16	5	0.990	A BB	7559.	6.910 PPB	1.27

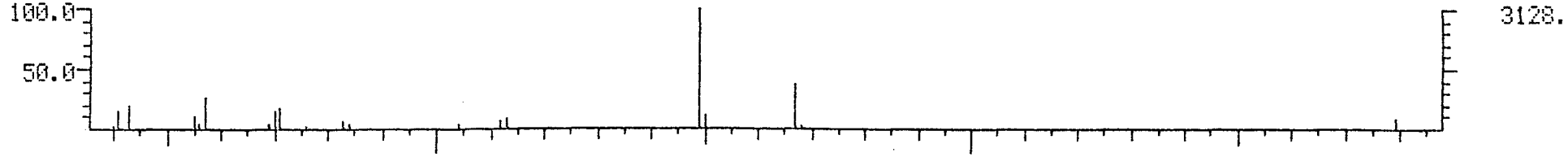
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:21	0.99	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:16	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:55	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:08	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:16	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:23	0.96	0.764	0.97	62.27	25.00	2.283	0.917	2.49
8	7:53	0.99	0.944	1.00	66.78	25.00	3.545	1.327	2.67
9	9:14	0.99	0.899	1.00	39.21	25.00	0.517	0.330	1.57

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
10	11:52	1.00	0.919	1.00	39.00	25.00	1.648	1.057	1.56
11	14:07	1.00	1.093	1.00	70.98	25.00	0.348	0.122	2.84
12	17:29	1.00	0.897	1.00	42.52	25.00	1.321	0.776	1.70
13	8:04	0.99	0.966	1.00	64.22	25.00	2.739	1.066	2.57
14	8:38	0.99	1.034	1.00	30.24	25.00	0.892	0.738	1.21
15	19:18	1.00	0.990	1.00	6.91	25.00	0.245	0.887	0.28

TARGET COMPOUND COMPARISON

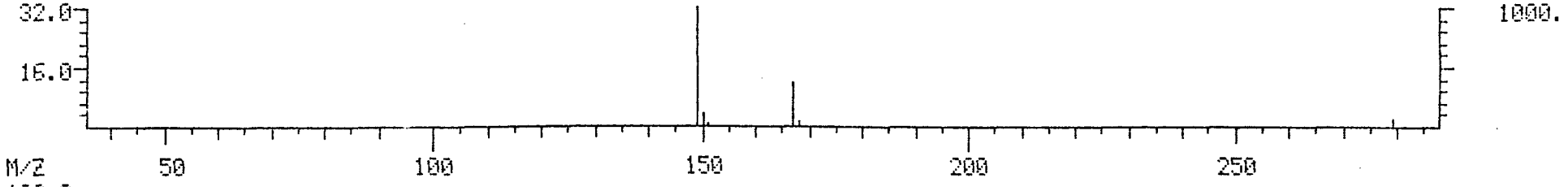
COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

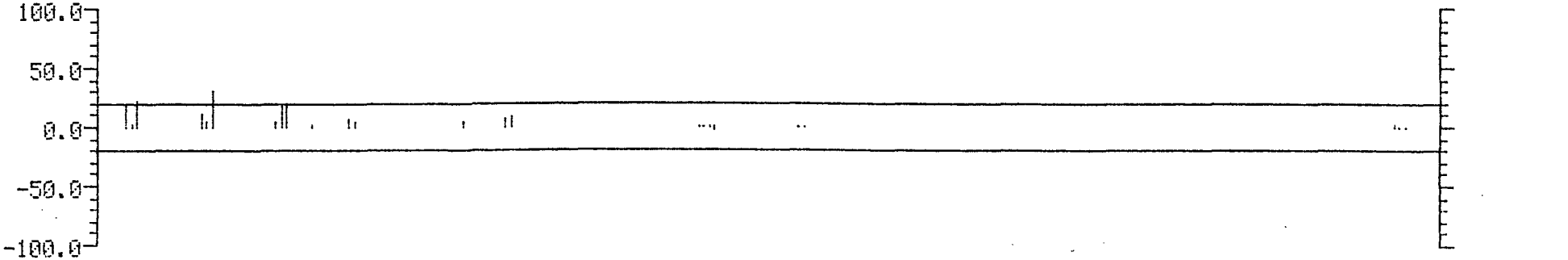
RAW DATA: SVUNS02 #1156 BASE M/Z: 149 RIC: 9600.
11/16/94 16:31
SAMPLE: PT-2/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



ENHANCED DATA: SVUNS02 #1156 BASE M/Z: 149 RIC: 8736.

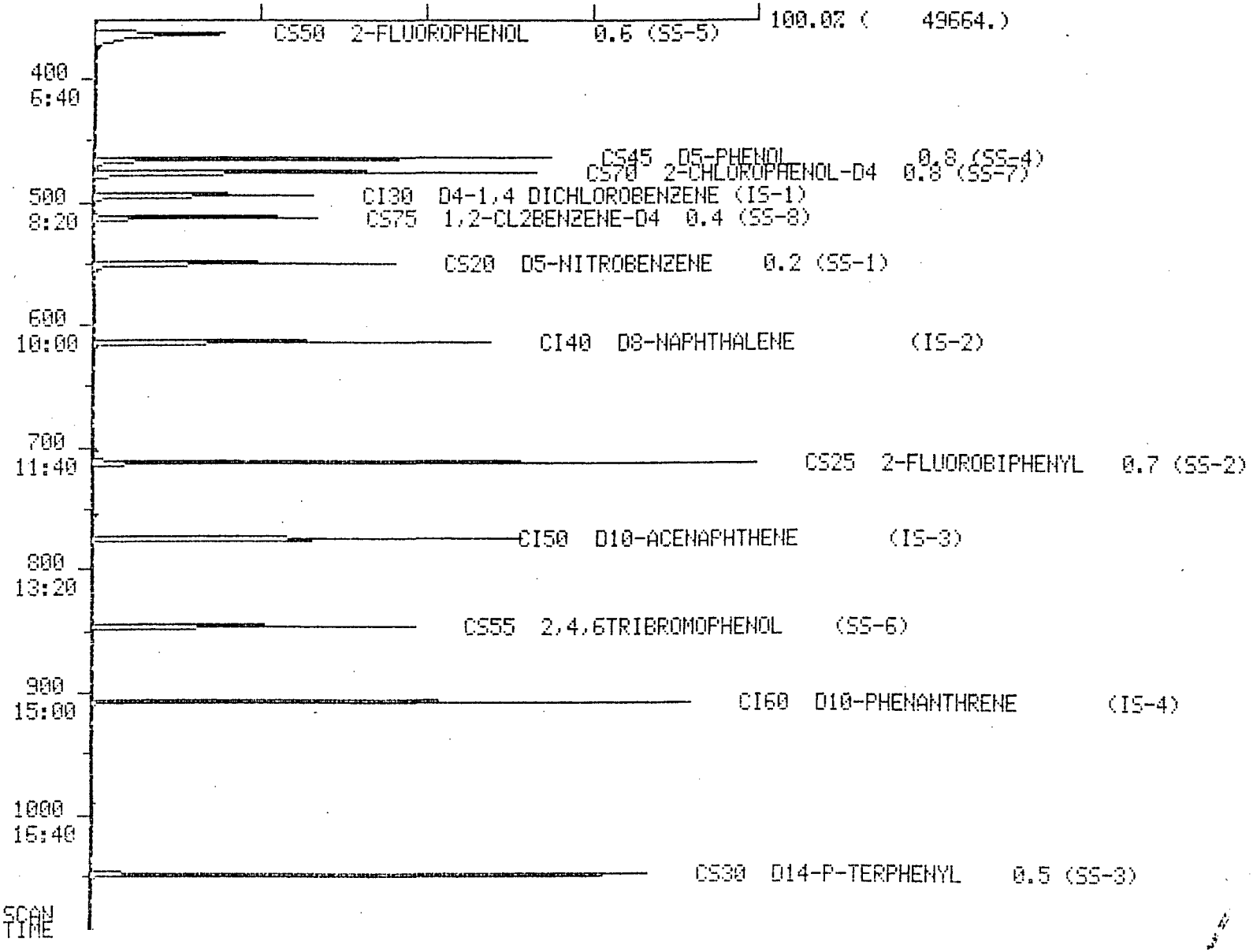
LIBRARY FILE: SN #56 BASE M/Z: 149 RIC: 1586.





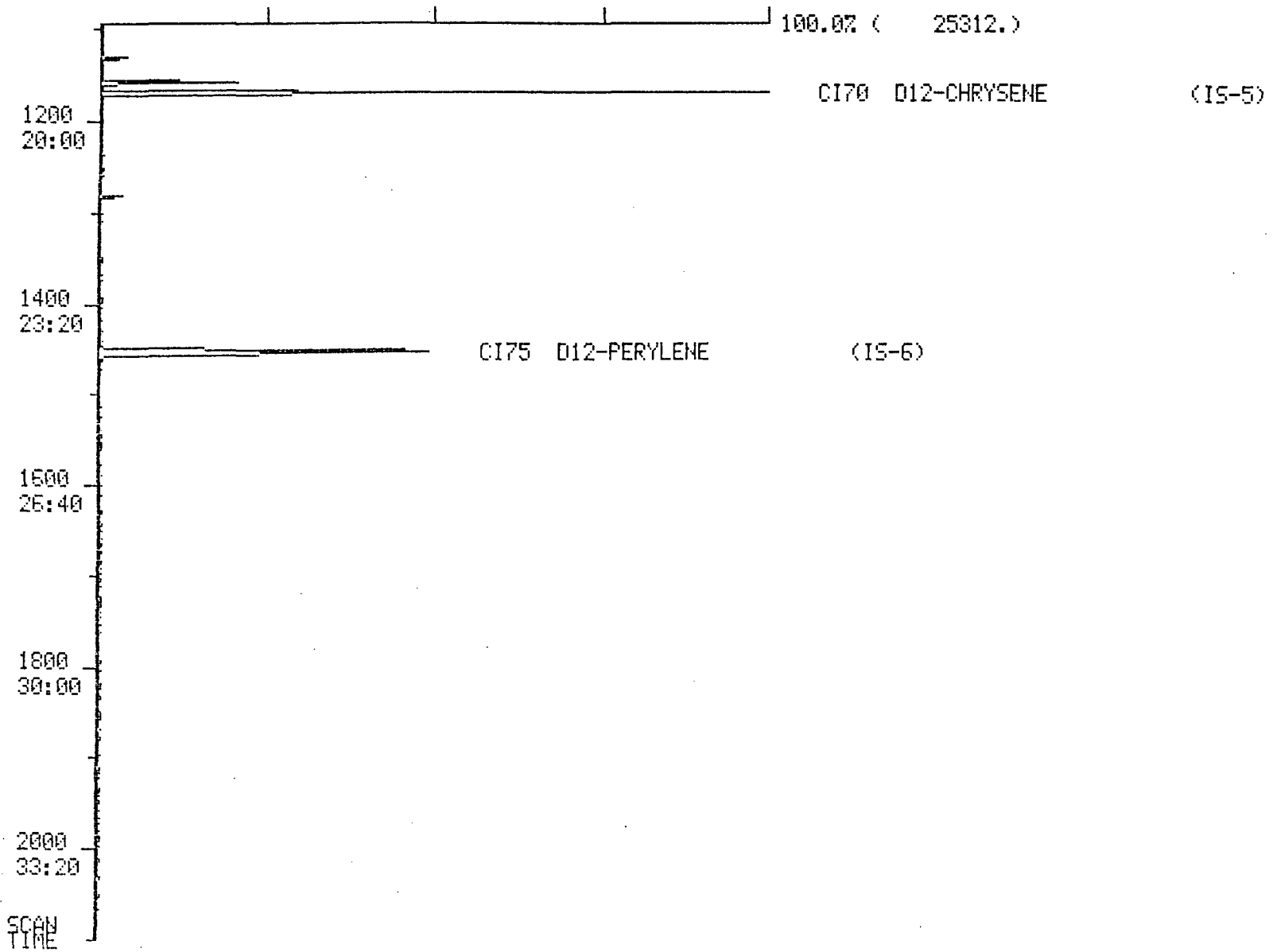
300083

DATA FROM FILE: SVUNS03 SCANS 353 TO 1093 ACQUIRED: 11/16/94 17:11:00
CALI: SVUNS03 #1
SAMPLE: PT-3/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300084

DATA FROM FILE: SVUNS03 SCANS 1093 TO 2100 ACQUIRED: 11/16/94 17:11:00
CALI: SVUNS03 #1
SAMPLE: PT-3/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325020 INST B



300085

Quantitation Report File: SVUNS03

Data: SVUNS03.TI
/16/94 17:11:00
Sample: PT-3/110494 WATER HLA
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: S S W Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.: 10966

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
1	CI30	D4-1,4 DICHLOROBENZENE	(IS-1)
2	CI40	D8-NAPHTHALENE	(IS-2)
3	CI50	D10-ACENAPHTHENE	(IS-3)
4	CI60	D10-PHENANTHRENE	(IS-4)
5	CI70	D12-CHRYSENE	(IS-5)
6	CI75	D12-PERYLENE	(IS-6)
7	CS50	2-FLUOROPHENOL 0.6	(SS-5)
8	CS45	D5-PHENOL 0.8	(SS-4)
9	CS20	D5-NITROBENZENE 0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL 0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL	(SS-6)
12	CS30	D14-P-TERPHENYL 0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4 0.8	(SS-7)
14	CS75	1,2-CL2BENZENE-D4 0.4	(SS-8)
15	C740	BIS(2ETHYLHEXYL)PHTH	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	493	8:13	1	1.000	A BB	6628.	20.000 PPB	4.18
2	136	613	10:13	2	1.000	A BB	25909.	20.000 PPB	4.18
3	164	773	12:53	3	1.000	A BB	14867.	20.000 PPB	4.18
4	188	906	15:06	4	1.000	A BB	23577.	20.000 PPB	4.18
5	240	1167	19:27	5	1.000	A BB	20228.	20.000 PPB	4.18
6	264	1452	24:12	6	1.000	A BB	22239.	20.000 PPB	4.18
7	112	363	6:03	1	0.736	A BB	14690.	48.360 PPB	10.11
8	99	464	7:44	1	0.941	A BB	26120.	59.385 PPB	12.42
9	82	549	9:09	2	0.896	A BB	14770.	34.599 PPB	7.24
10	172	711	11:51	3	0.920	A BB	26604.	33.869 PPB	7.08
11	330	845	14:05	3	1.093	A BB	5185.	56.988 PPB	11.92
12	244	1047	17:27	5	0.897	A BB	31551.	40.183 PPB	8.40
13	132	475	7:55	1	0.963	A BB	18906.	53.496 PPB	11.19
14	152	512	8:32	1	1.039	A BB	6546.	26.778 PPB	5.60
15	149	1155	19:15	5	0.990	A BB	4002.	4.462 PPB	0.93

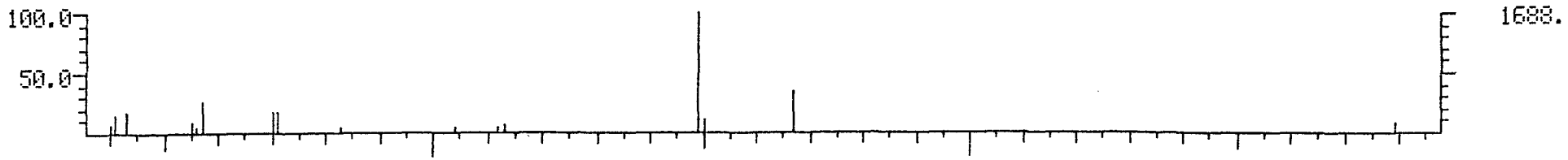
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:21	0.98	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:16	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	12:55	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:08	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	19:30	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	24:16	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:23	0.95	0.764	0.96	48.36	25.00	1.773	0.917	1.93
8	7:53	0.98	0.944	1.00	59.38	25.00	3.153	1.327	2.38
9	9:14	0.99	0.899	1.00	34.60	25.00	0.456	0.330	1.38

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	11:52	1.00	0.919	1.00	33.87	25.00	1.432	1.057	1.35
11	14:07	1.00	1.093	1.00	56.99	25.00	0.279	0.122	2.28
12	17:29	1.00	0.897	1.00	40.18	25.00	1.248	0.776	1.61
13	8:04	0.98	0.966	1.00	53.50	25.00	2.282	1.066	2.14
14	8:38	0.99	1.034	1.00	26.78	25.00	0.790	0.738	1.07
15	19:18	1.00	0.990	1.00	4.46	25.00	0.158	0.887	0.18

TARGET COMPOUND COMPARISON

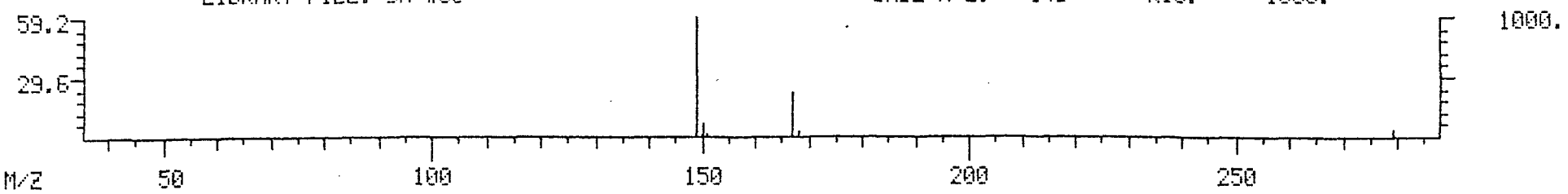
COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

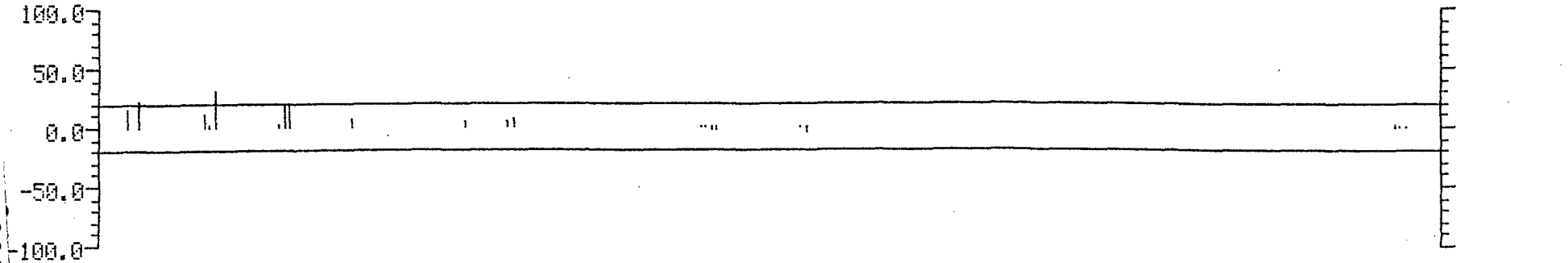
RAW DATA: SVUN503 #1155 BASE M/Z: 149 RIC: 4912.
11/16/94 17:11
SAMPLE: PT-3/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



ENHANCED DATA: SVUN503 #1155 BASE M/Z: 149 RIC: 4296.

LIBRARY FILE: SN #56 BASE M/Z: 149 RIC: 1586.

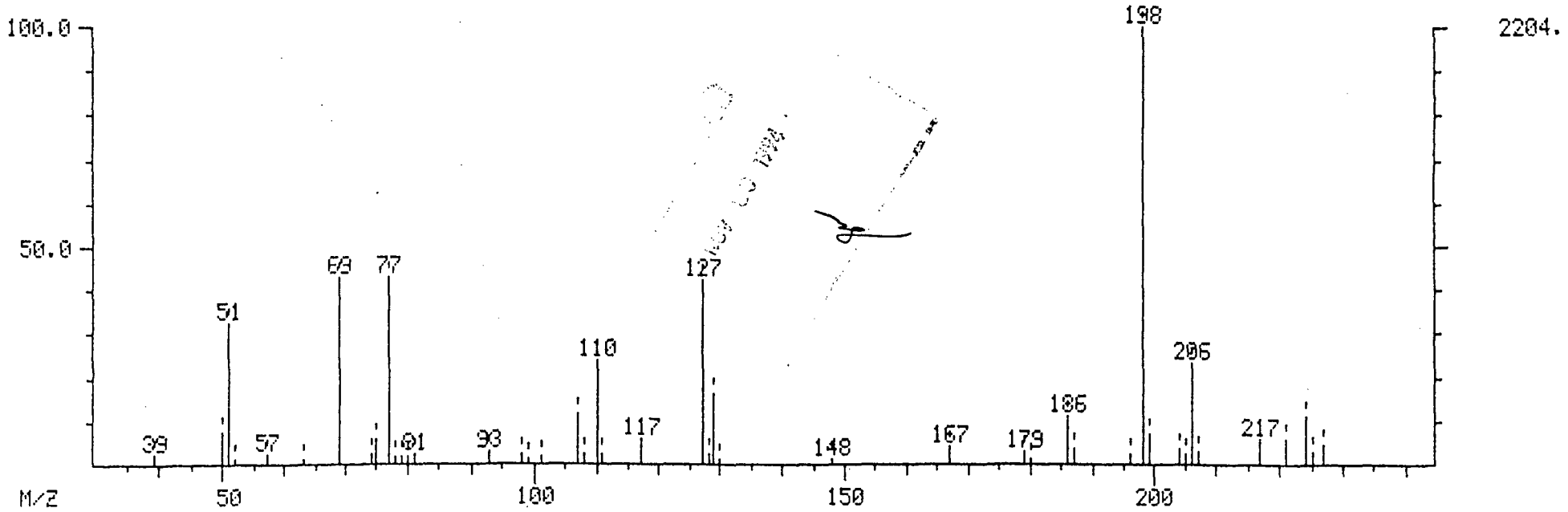


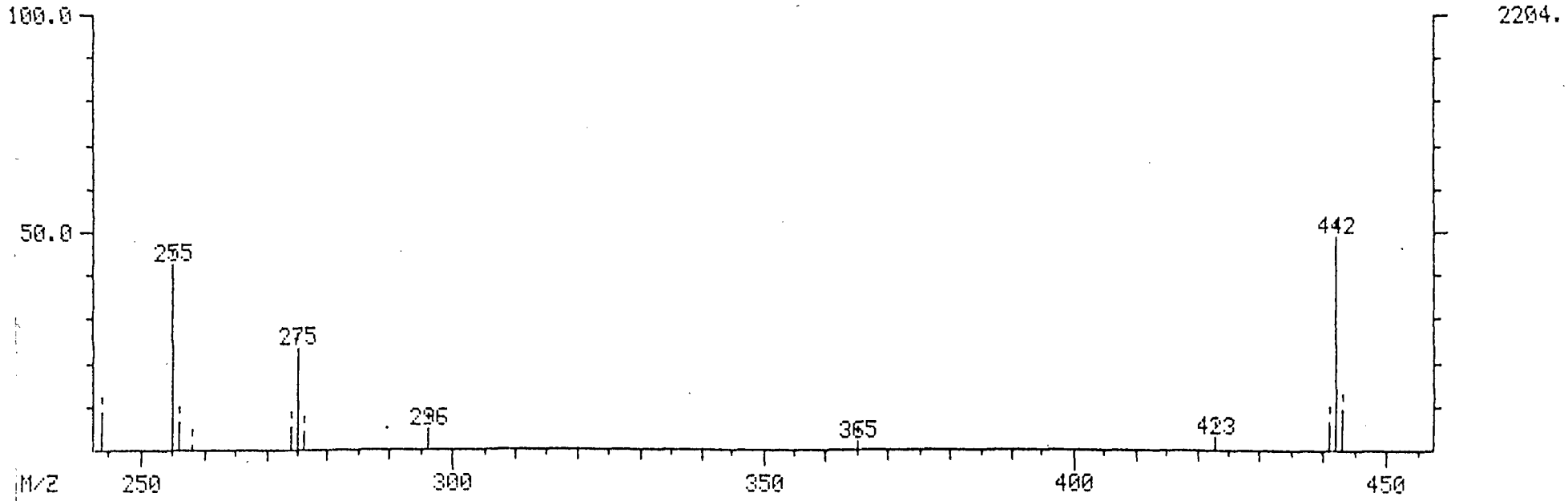


MASS SPECTRUM
11/29/94 13:42:00 + 8:50
SAMPLE: DFTPP 244-92-PERF
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
#529 TO #531 AVERAGED - #525 X1.00

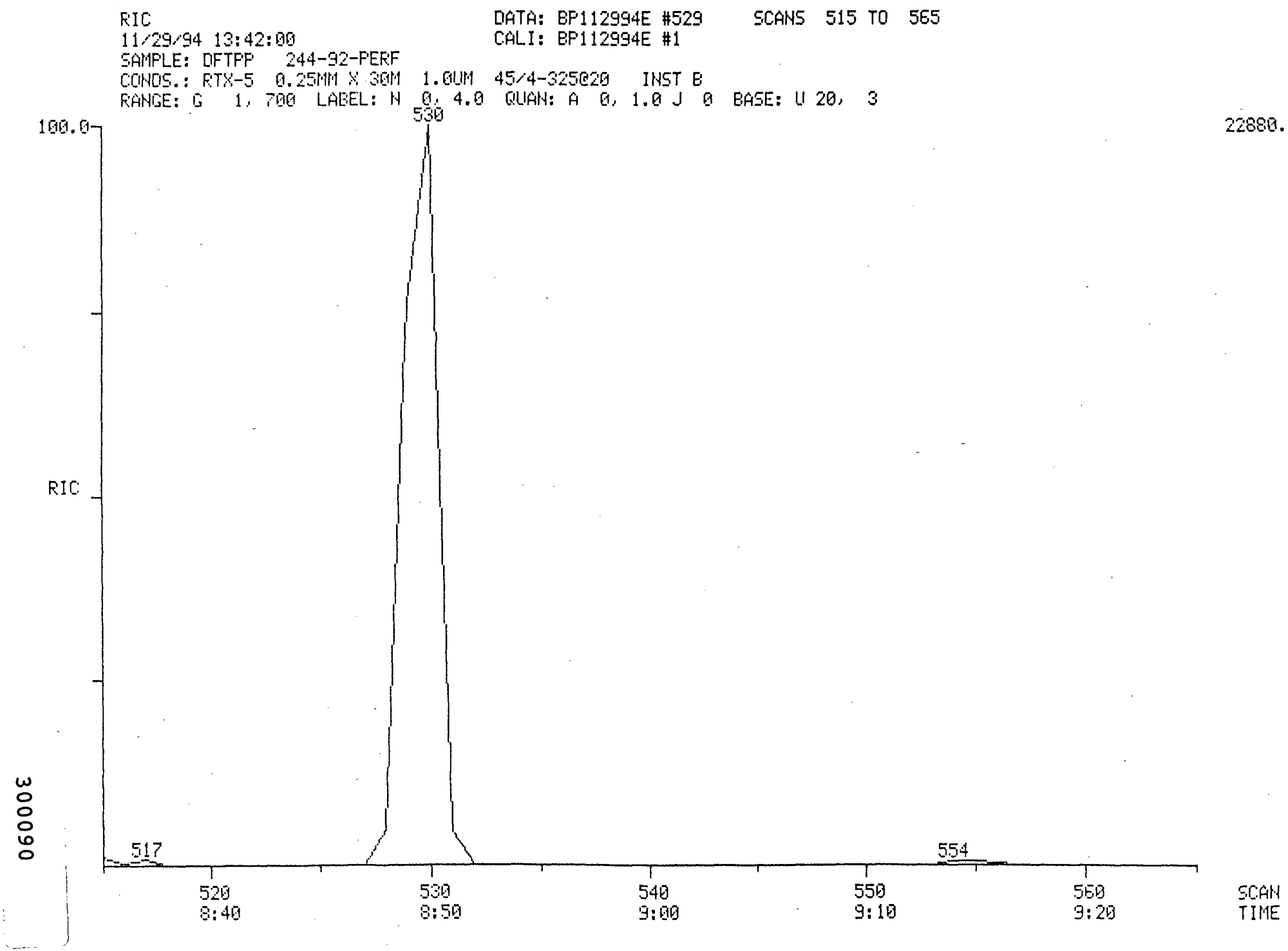
DATA: BP112994E #530
CALI: BP112994E #1

BASE M/Z: 198
RIC: 13840.





300089


RIC
11/29/94 13:42:00
SAMPLE: DFTPP 244-92-PERF
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
RANGE: G 1, 700 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
DATA: BP112994E #529 SCANS 515 TO 565
CALI: BP112994E #1
100.0
22880.
RIC
300090
530
517
554
520
8:40
530
8:50
540
9:00
550
9:10
560
9:20
SCAN
TIME

Mass List Data: BP112994E # 530 Base m/z: 198
11/29/94 13:42:00 + 8:50 Cali: BP112994E # 1 RIC: 13840.
Sample: DFTPP 244-92-PERF
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
#529 to #531 averaged - #525 X1.00

39 0.00 0. Minima Min Inten: 0.
443 Maxima # 0

Mass		% RA	Inten.	Mass		% RA	Inten.
39?	S	2.18	48.	275	S	23.09	509.
50?	S	7.53	166.	276	S	4.31	95.
51?	S	32.53	717.	296	S	4.40	97.
52?	S	1.18	26.	365	S	1.91	42.
57?	S	2.18	48.	423	S	2.68	59.
63?	S	1.36	30.	441?	S	6.40	141.
69	S	43.24	953.	442?	S	49.09	1082.
74	S	2.09	46.	443?	S	9.53	210.
75	S	5.94	131.				
77	S	42.83	944.				
78	S	1.95	43.				
79	S	1.54	34.				
80	S	1.59	35.				
81	S	2.13	47.				
93	S	2.86	63.				
98	S	2.18	48.				
99	S	1.41	31.				
101	S	1.59	35.				
107	S	11.43	252.				
108	S	2.59	57.				
110	S	24.05	530.				
111	S	2.27	50.				
117	S	5.90	130.				
127	S	42.29	932.				
128	S	2.04	45.				
129	S	16.42	362.				
130	S	1.18	26.				
148	S	1.41	31.				
167	S	4.08	90.				
179	S	3.09	68.				
180	S	1.41	31.				
186	S	10.84	239.				
187	S	3.40	75.				
196	S	2.27	50.				
198	S	100.00	2204.				
199	S	7.03	155.				
204	S	3.45	76.				
205	S	2.36	52.				
206	S	23.00	507.				
207	S	2.99	66.				
217	S	5.94	131.				
221	S	5.54	122.				
224	S	11.30	249.				
225	S	3.09	68.				
227	S	4.40	97.				
244	S	8.80	194.				
255	S	42.47	936.				
256	S	6.13	135.				
258	S	1.23	27.				
274	S	5.49	121.				

300091

GC/MS Tuning and Mass Calibration

DECAFLUOROTRIPHENYLPHOSPHINE

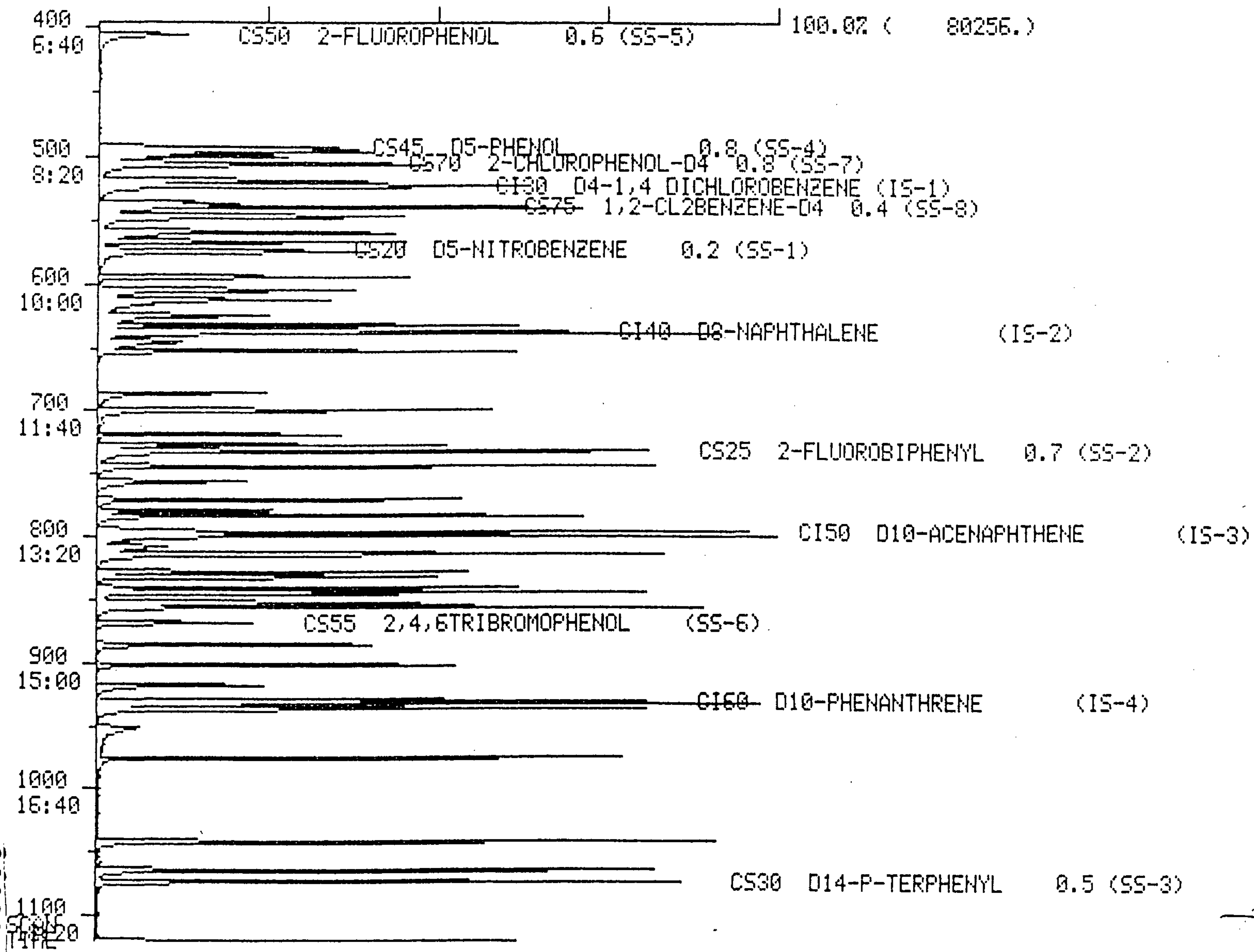
Case Number:		Laboratory:	GULF	Contract:	
Inst ID:	B	Sens Date:	11/29/94	Sens Time:	13:42:00
Lab ID:	BP112994E	Cali Date:	10/02/91	Analyst:	JAM

Data release authorized by: _____

M/E	Ion Abundance Criteria	Spec # 529	
51	30 to 60% of mass 198	32.53	
68	less than 2% of mass 69	0.00	(0.00) 1
69	mass 69 relative abundance	43.24	
70	less than 2% of mass 69	0.00	(0.00) 1
127	40 TO 60% of mass 198	42.29	
197	less than 1% of mass 198	0.00	
198	base peak, 100% relative abundance	100.00	
199	5 TO 9% of mass 198	7.03	
275	10 TO 30% of mass 198	23.09	
365	greater than 1% of mass 198	1.91	
441	less than mass 443	6.40	
442	greater than 40% of mass 198	49.09	
443	17 TO 23% of mass 442	9.53	(19.41) 2

1 - value in parenthesis is % of mass 69
2 - value in parenthesis is % of mass 442

DATA FROM FILE: BS112994A SCANS 395 TO 1120 ACQUIRED: 11/29/94 14:06:00
CALI: BS112994A #1
SAMPLE: SSTD050 290-02-SV25
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B

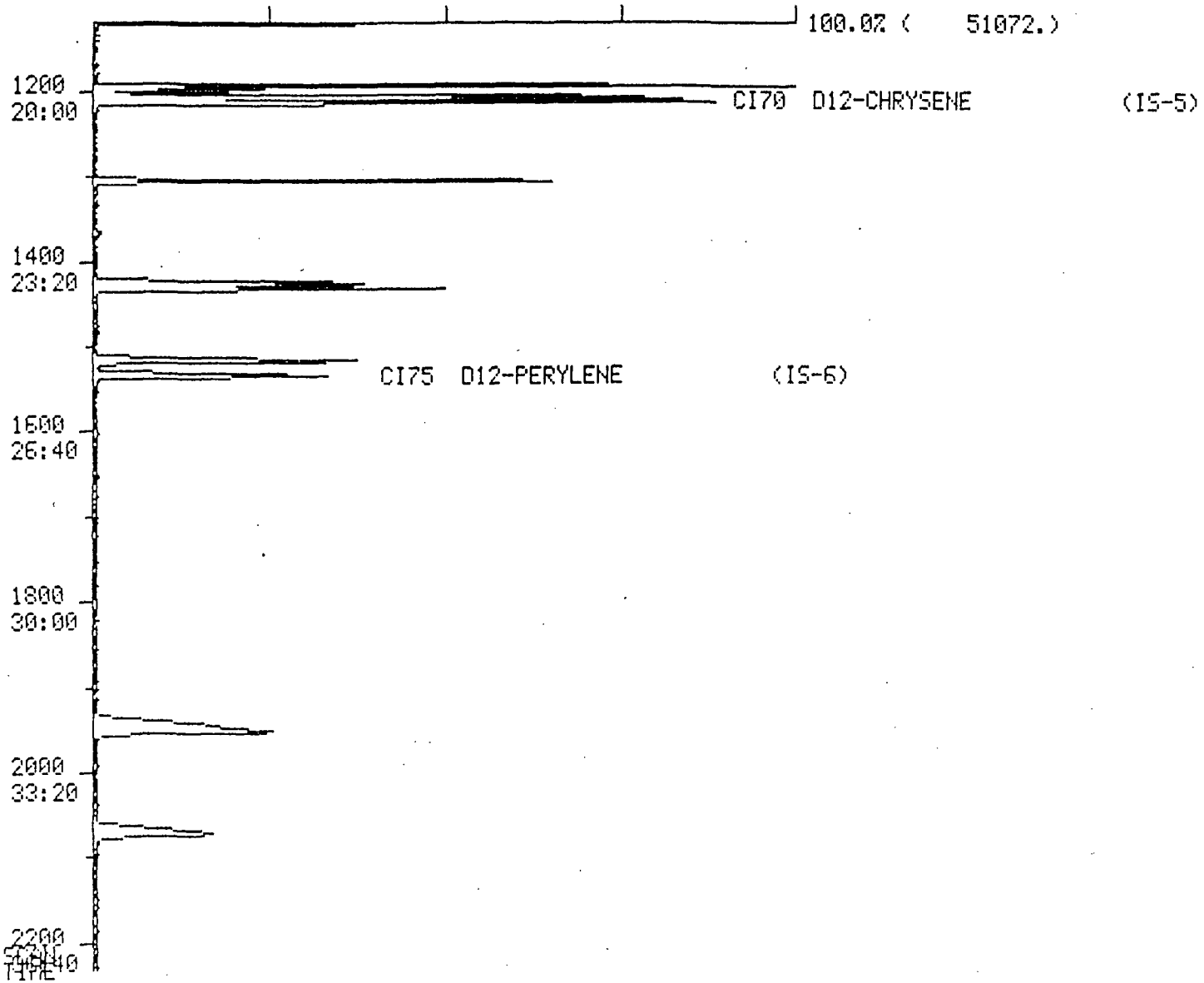


300093

DATA FROM FILE: BS112994A SCANS 1120 TO 2232 ACQUIRED: 11/29/94 14:06:00
CALI: BS112994A #1

SAMPLE: SSTD050 290-02-SV25

CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300094

Quantitation Report File: BS112994A

Data: BS112994A.TI
1/29/94 14:06:00
Sample: SSTD050 290-02-SV25
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name			
1	CI30	D4-1,4 DICHLOROBENZENE		(IS-1)
2	CI40	D8-NAPHTHALENE		(IS-2)
3	CI50	D10-ACENAPHTHENE		(IS-3)
4	CI60	D10-PHENANTHRENE		(IS-4)
5	CI70	D12-CHRYSENE		(IS-5)
6	CI75	D12-PERYLENE		(IS-6)
7	CS45	D5-PHENOL	0.8	(SS-4)
8	CS20	D5-NITROBENZENE	0.2	(SS-1)
9	CS25	2-FLUOROBIPHENYL	0.7	(SS-2)
10	CS55	2,4,6TRIBROMOPHENOL		(SS-6)
11	CS30	D14-P-TERPHENYL	0.5	(SS-3)
12	CS75	1,2-CL2BENZENE-D4	0.4	(SS-8)
13	C315	*PHENOL	0.8	
14	C325	BIS(2CHLOROETHYL)E	0.7	
15	C330	2CHLOROPHENOL	0.8	
16	C320	ANILINE		
17	C310	N-NITROSODIMETHYLAMINE		
18	C319	PYRIDINE		T
19	C345	BENZYL ALCOHOL		
20	C350	1,2DICHLOROBENZENE	0.4	
21	C355	2METHYLPHENOL	0.7	T
22	C357	2,2'OXYBIS(1CHLOROPR		
23	C370	&NITROSOPROPYLAMINE	0.5	
24	C375	HEXACHLOROETHANE	0.3	T
25	C410	NITROBENZENE	0.2	T
26	C415	ISOPHORONE	0.4	
27	C420	*2-NITROPHENOL	0.1	
28	C425	2,4-DIMETHYLPHENOL	0.2	
29	C430	BENZOIC ACID		
30	C435	BIS(2CHLOROETHOXY)	0.3	
31	C440	*2,4DICHLOROPHENOL	0.2	
32	C445	1,2,4TRICHLOROBENZ	0.2	
33	C450	NAPHTHALENE	0.7	
34	C455	4-CHLOROANILINE		
35	C460	*CL6BUTADIENE		T
36	C465	*4CHLRO3METHYLPHEN	0.2	
37	C470	2METHYLNAPHTHALENE	0.4	
38	C510	&CL6CYCLOPENTADIENE		
39	C515	*246TRICHLOROPHNEOL	0.2	T
40	C520	2,4,5TRICHLOROPHEN	0.2	T
41	C525	2CHLORONAPHTHALENE	0.8	
42	C530	2-NITROANILINE		
43	C535	DIMETHYL PHTHALATE		
44	C540	ACENAPHTHYLENE	1.3	
45	C545	3-NITROANILINE		
46	C550	*ACENAPHTHENE	0.8	
47	C321	2,3,4,6-TETRACHLOROPHENOL		

300095

No	Name		
48	C555 &2,4DINITROPHENOL		
49	C560 &4NITROPHENOL		
50	C565 DIBENZOFURAN	0.8	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	520	8:40	1	1.000	A BB	13401.	20.000 PPB	0.95
2	136	635	10:35	2	1.000	A BB	46822.	20.000 PPB	0.95
3	164	795	13:15	3	1.000	A BB	27545.	20.000 PPB	0.95
4	188	929	15:29	4	1.000	A BB	42945.	20.000 PPB	0.95
5	240	1207	20:07	5	1.000	A BB	35687.	20.000 PPB	0.95
6	264	1532	25:32	6	1.000	A BB	35835.	20.000 PPB	0.95
7	99	491	8:11	1	0.944	A BV	18051.	25.000 PPB	1.19
8	82	572	9:32	2	0.901	A BB	15773.	25.000 PPB	1.19
9	172	731	12:11	3	0.919	A BB	36468.	25.000 PPB	1.19
10	330	867	14:27	3	1.091	A BB	5078.	25.000 PPB	1.19
11	244	1072	17:52	5	0.888	A BB	37940.	25.000 PPB	1.19
12	152	537	8:57	1	1.033	A BB	12320.	25.000 PPB	1.19
13	94	492	8:12	1	0.946	A BB	22585.	25.000 PPB	1.19
14	93	498	8:18	1	0.958	A VB	20024.	25.000 PPB	1.19
15	128	504	8:24	1	0.969	A BB	17800.	25.000 PPB	1.19
16	93	494	8:14	1	0.950	A BV	20916.	25.000 PPB	1.19
17	74	239	3:59	1	0.460	A BB	8870.	25.000 PPB	1.19
18	79	238	3:58	1	0.458	A BB	14976.	25.000 PPB	1.19
19	108	534	8:54	1	1.027	A BV	9078.	25.000 PPB	1.19
20	146	538	8:58	1	1.035	A BB	20568.	25.000 PPB	1.19
21	108	545	9:05	1	1.048	A VB	13869.	25.000 PPB	1.19
22	45	546	9:06	1	1.050	A BB	19291.	25.000 PPB	1.19
23	70	559	9:19	1	1.075	A BB	9956.	25.000 PPB	1.19
24	117	566	9:26	1	1.088	A BB	7535.	25.000 PPB	1.19
25	77	574	9:34	2	0.904	A BB	16065.	25.000 PPB	1.19
26	82	593	9:53	2	0.934	A BV	32995.	25.000 PPB	1.19
27	139	602	10:02	2	0.948	A BB	7849.	25.000 PPB	1.19
28	107	604	10:04	2	0.951	A BB	12903.	25.000 PPB	1.19
29	122	615	10:15	2	0.969	A VB	5037.	25.000 PPB	1.19
30	93	611	10:11	2	0.962	A BB	21412.	25.000 PPB	1.19
31	162	624	10:24	2	0.983	A BB	14944.	25.000 PPB	1.19
32	180	631	10:31	2	0.994	A BB	17415.	25.000 PPB	1.19
33	128	637	10:37	2	1.003	A BB	52452.	25.000 PPB	1.19
34	127	644	10:44	2	1.014	A VB	15272.	25.000 PPB	1.19
35	225	651	10:51	2	1.025	A BB	9237.	25.000 PPB	1.19
36	107	684	11:24	2	1.077	A BB	14241.	25.000 PPB	1.19
37	142	699	11:39	2	1.101	A VV	32660.	25.000 PPB	1.19
38	237	718	11:58	3	0.903	A BB	8008.	25.000 PPB	1.19
39	196	726	12:06	3	0.913	A BV	10276.	25.000 PPB	1.19
40	196	730	12:10	3	0.918	A VB	13225.	25.000 PPB	1.19
41	162	743	12:23	3	0.935	A BB	34746.	25.000 PPB	1.19
42	65	755	12:35	3	0.950	A BB	7782.	25.000 PPB	1.19
43	163	769	12:49	3	0.967	A BB	36378.	25.000 PPB	1.19
44	152	782	13:02	3	0.984	A BB	52380.	25.000 PPB	1.19
45	138	793	13:13	3	0.997	A BB	4140.	25.000 PPB	1.19
46	153	798	13:18	3	1.004	A BB	29634.	25.000 PPB	1.19
47	232	827	13:47	3	1.040	A BB	11449.	25.000 PPB	1.19
48	184	801	13:21	3	1.008	A BB	2283.	25.000 PPB	1.19
49	109	806	13:26	3	1.014	A BB	3554.	25.000 PPB	1.19
50	168	812	13:32	3	1.021	A BB	48233.	25.000 PPB	1.19

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	8:40	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:35	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:15	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:29	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	20:07	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	25:32	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	8:11	1.00	0.944	1.00	25.00	25.00	1.078	1.078	1.00
8	9:32	1.00	0.901	1.00	25.00	25.00	0.269	0.269	1.00
9	12:11	1.00	0.919	1.00	25.00	25.00	1.059	1.059	1.00
10	14:27	1.00	1.091	1.00	25.00	25.00	0.147	0.147	1.00
11	17:52	1.00	0.888	1.00	25.00	25.00	0.851	0.851	1.00
12	8:57	1.00	1.033	1.00	25.00	25.00	0.735	0.735	1.00
13	8:12	1.00	0.946	1.00	25.00	25.00	1.348	1.348	1.00
14	8:18	1.00	0.958	1.00	25.00	25.00	1.195	1.195	1.00
15	8:24	1.00	0.969	1.00	25.00	25.00	1.063	1.063	1.00
16	8:14	1.00	0.950	1.00	25.00	25.00	1.249	1.249	1.00
17	3:59	1.00	0.460	1.00	25.00	25.00	0.530	0.530	1.00
18	3:58	1.00	0.458	1.00	25.00	25.00	0.894	0.894	1.00
19	8:54	1.00	1.027	1.00	25.00	25.00	0.542	0.542	1.00
20	8:58	1.00	1.035	1.00	25.00	25.00	1.228	1.228	1.00
21	9:05	1.00	1.048	1.00	25.00	25.00	0.828	0.828	1.00
22	9:06	1.00	1.050	1.00	25.00	25.00	1.152	1.152	1.00
23	9:19	1.00	1.075	1.00	25.00	25.00	0.594	0.594	1.00
24	9:26	1.00	1.088	1.00	25.00	25.00	0.450	0.450	1.00
25	9:34	1.00	0.904	1.00	25.00	25.00	0.274	0.274	1.00
26	9:53	1.00	0.934	1.00	25.00	25.00	0.564	0.564	1.00
27	10:02	1.00	0.948	1.00	25.00	25.00	0.134	0.134	1.00
28	10:04	1.00	0.951	1.00	25.00	25.00	0.220	0.220	1.00
29	10:15	1.00	0.969	1.00	25.00	25.00	0.086	0.086	1.00
30	10:11	1.00	0.962	1.00	25.00	25.00	0.366	0.366	1.00
31	10:24	1.00	0.983	1.00	25.00	25.00	0.255	0.255	1.00
32	10:31	1.00	0.994	1.00	25.00	25.00	0.298	0.298	1.00
33	10:37	1.00	1.003	1.00	25.00	25.00	0.896	0.896	1.00
34	10:44	1.00	1.014	1.00	25.00	25.00	0.261	0.261	1.00
35	10:51	1.00	1.025	1.00	25.00	25.00	0.158	0.158	1.00
36	11:24	1.00	1.077	1.00	25.00	25.00	0.243	0.243	1.00
37	11:39	1.00	1.101	1.00	25.00	25.00	0.558	0.558	1.00
38	11:58	1.00	0.903	1.00	25.00	25.00	0.233	0.233	1.00
39	12:06	1.00	0.913	1.00	25.00	25.00	0.298	0.298	1.00
40	12:10	1.00	0.918	1.00	25.00	25.00	0.384	0.384	1.00
41	12:23	1.00	0.935	1.00	25.00	25.00	1.009	1.009	1.00
42	12:35	1.00	0.950	1.00	25.00	25.00	0.226	0.226	1.00
43	12:49	1.00	0.967	1.00	25.00	25.00	1.057	1.057	1.00
44	13:02	1.00	0.984	1.00	25.00	25.00	1.521	1.521	1.00
45	13:13	1.00	0.997	1.00	25.00	25.00	0.120	0.120	1.00
46	13:18	1.00	1.004	1.00	25.00	25.00	0.861	0.861	1.00
47	13:47	1.00	1.040	1.00	25.00	25.00	0.333	0.333	1.00
48	13:21	1.00	1.008	1.00	25.00	25.00	0.066	0.066	1.00
49	13:26	1.00	1.014	1.00	25.00	25.00	0.103	0.103	1.00
50	13:32	1.00	1.021	1.00	25.00	25.00	1.401	1.401	1.00

300097

Quantitation Report File: BS112994A

Data: BS112994A.TI
11/29/94 14:06:00
Sample: SSTD050 290-02-SV25
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: X X X Instrument: B Weight: 1.001
Submitted by: Analyst: JAM Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name			
51	C570	2,4DINITROTOLUENE	0.2	T
52	C543	2,6DINITROTOLUENE	0.2	
53	C580	DIETHYL PHTHALATE		
54	C585	4CHLOROPHENYL PHEN	0.4	
55	C590	FLUORENE	0.9	
56	C595	4-NITROANILINE		
57	C615	*DIPHENYLAMINE		
58	C625	4BROMOPHENYL PHENY	0.1	
59	C630	CL6BENZENE	0.1	T
60	C635	*PENTACHLOROPHENOL	0.05	T
61	C650	DI-NBUTYLPHTHALATE		
62	C655	*FLUORANTHENE	0.6	
63	D200	1,2-DIPHENYLHYDRAZINE		
64	C647	CARBAZOLE		
65	C715	PYRENE	0.6	
66	C720	BUTYLBENZYLPHTHALATE		
67	C725	3,3'CL2BENZIDINE		
68	C730	BENZO(A)ANTHRACENE	0.8	
69	C740	BIS(2ETHYLHEXYL)PHTH		
70	C735	CHRYSENE	0.7	
71	C760	*DI-N-OCTYLPHTHALATE		
72	C765	BENZO(B)FLUORANTHE	0.7	
73	C770	BENZO(K)FLUORANTHE	0.7	
74	C775	*BENZO(A)PYRENE	0.7	
75	C780	INDENO(1,2,3CD)PYR	0.5	
76	C785	DIBENZO(A,H)ANTHRA	0.4	
77	C790	BENZO(G,H,I)PERYLE	0.5	
78	CS70	2-CHLOROPHENOL-D4	0.8	(SS-7)
79	CS50	2-FLUOROPHENOL	0.6	(SS-5)
80	C335	1,3DICHLOROBENZENE	0.6	
81	C340	*1,4DICHLOROBENZENE	0.5	T
82	C365	4METHYLPHENOL	0.6	T
83	C595	4-NITROANILINE		
84	C640	PHENANTHRENE	0.7	
85	C645	ANTHRACENE	0.7	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	813	13:33	3	1.023	A BB	10653.	25.000 PPB	1.19
52	165	777	12:57	3	0.977	A BB	7473.	25.000 PPB	1.19
53	149	831	13:51	3	1.045	A BV	36320.	25.000 PPB	1.19
54	204	840	14:00	3	1.057	A BB	19472.	25.000 PPB	1.19
55	166	844	14:04	3	1.062	A BV	37353.	25.000 PPB	1.19
56	138	851	14:11	3	1.070	A BB	2953.	25.000 PPB	1.19
57	169	852	14:12	4	0.917	A BB	18803.	25.000 PPB	1.19
58	248	884	14:44	4	0.952	A BB	11064.	25.000 PPB	1.19

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
59	284	900	15:00	4	0.969	A BB	12313.	25.000 PPB	1.19
60	266	917	15:17	4	0.987	A BB	7195.	25.000 PPB	1.19
61	149	975	16:15	4	1.050	A BB	61832.	25.000 PPB	1.19
62	202	1041	17:21	4	1.121	A BB	55245.	25.000 PPB	1.19
63	77	855	14:15	4	0.920	A BB	43523.	25.000 PPB	1.19
64	167	950	15:50	4	1.023	A BB	15293.	25.000 PPB	1.19
65	202	1063	17:43	5	0.881	A BB	55762.	25.000 PPB	1.19
66	149	1119	18:39	5	0.927	A BB	26958.	25.000 PPB	1.19
67	252	1196	19:56	5	0.991	A BB	11843.	25.000 PPB	1.19
68	228	1204	20:04	5	0.998	A BV	46619.	25.000 PPB	1.19
69	149	1192	19:52	5	0.988	A BB	38752.	25.000 PPB	1.19
70	228	1211	20:11	5	1.003	A VB	43740.	25.000 PPB	1.19
71	149	1303	21:43	6	0.851	A BB	59613.	25.000 PPB	1.19
72	252	1423	23:43	6	0.929	A BV	40859.	25.000 PPB	1.19
73	252	1430	23:50	6	0.933	A VB	40800.	25.000 PPB	1.19
74	252	1515	25:15	6	0.989	A BB	40205.	25.000 PPB	1.19
75	276	1942	32:22	6	1.268	A*BB	40611.	25.000 PPB	1.19
76	278	1950	32:30	6	1.273	A BB	32940.	25.000 PPB	1.19
77	276	2069	34:29	6	1.351	A BB	33937.	25.000 PPB	1.19
78	132	503	8:23	1	0.967	A BB	17468.	25.000 PPB	1.19
79	112	404	6:44	1	0.777	A BV	13404.	25.000 PPB	1.19
80	146	516	8:36	1	0.992	A BV	19579.	25.000 PPB	1.19
81	146	521	8:41	1	1.002	A VB	22565.	25.000 PPB	1.19
82	108	557	9:17	1	1.071	A BB	15891.	25.000 PPB	1.19
83	138	851	14:11	3	1.070	A BB	2953.	25.000 PPB	1.19
84	178	931	15:31	4	1.002	A BV	50504.	25.000 PPB	1.19
85	178	935	15:35	4	1.006	A VB	59788.	25.000 PPB	1.19

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
51	13:33	1.00	1.023	1.00	25.00	25.00	0.309	0.309	1.00
52	12:57	1.00	0.977	1.00	25.00	25.00	0.217	0.217	1.00
53	13:51	1.00	1.045	1.00	25.00	25.00	1.055	1.055	1.00
54	14:00	1.00	1.057	1.00	25.00	25.00	0.566	0.566	1.00
55	14:04	1.00	1.062	1.00	25.00	25.00	1.085	1.085	1.00
56	14:11	1.00	1.070	1.00	25.00	25.00	0.086	0.086	1.00
57	14:12	1.00	0.917	1.00	25.00	25.00	0.350	0.350	1.00
58	14:44	1.00	0.952	1.00	25.00	25.00	0.206	0.206	1.00
59	15:00	1.00	0.969	1.00	25.00	25.00	0.229	0.229	1.00
60	15:17	1.00	0.987	1.00	25.00	25.00	0.134	0.134	1.00
61	16:15	1.00	1.050	1.00	25.00	25.00	1.152	1.152	1.00
62	17:21	1.00	1.121	1.00	25.00	25.00	1.029	1.029	1.00
63	14:15	1.00	0.920	1.00	25.00	25.00	0.811	0.811	1.00
64	15:50	1.00	1.023	1.00	25.00	25.00	0.285	0.285	1.00
65	17:43	1.00	0.881	1.00	25.00	25.00	1.250	1.250	1.00
66	18:39	1.00	0.927	1.00	25.00	25.00	0.604	0.604	1.00
67	19:56	1.00	0.991	1.00	25.00	25.00	0.265	0.265	1.00
68	20:04	1.00	0.998	1.00	25.00	25.00	1.045	1.045	1.00
69	19:52	1.00	0.988	1.00	25.00	25.00	0.869	0.869	1.00
70	20:11	1.00	1.003	1.00	25.00	25.00	0.981	0.981	1.00
71	21:43	1.00	0.851	1.00	25.00	25.00	1.331	1.331	1.00
72	23:43	1.00	0.929	1.00	25.00	25.00	0.912	0.912	1.00
73	23:50	1.00	0.933	1.00	25.00	25.00	0.911	0.911	1.00
74	25:15	1.00	0.989	1.00	25.00	25.00	0.898	0.898	1.00
75	32:22	1.00	1.268	1.00	25.00	25.00	0.907	0.907	1.00
76	32:30	1.00	1.273	1.00	25.00	25.00	0.735	0.735	1.00
77	34:29	1.00	1.351	1.00	25.00	25.00	0.758	0.758	1.00

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
78	8:23	1.00	0.967	1.00	25.00	25.00	1.043	1.043	1.00
79	6:44	1.00	0.777	1.00	25.00	25.00	0.800	0.800	1.00
80	8:36	1.00	0.992	1.00	25.00	25.00	1.169	1.169	1.00
81	8:41	1.00	1.002	1.00	25.00	25.00	1.347	1.347	1.00
82	9:17	1.00	1.071	1.00	25.00	25.00	0.949	0.949	1.00
83	14:11	1.00	1.070	1.00	25.00	25.00	0.086	0.086	1.00
84	15:31	1.00	1.002	1.00	25.00	25.00	0.941	0.941	1.00
85	15:35	1.00	1.006	1.00	25.00	25.00	1.114	1.114	1.00

Calibration Check

Instrument Identifier: B
Calibration Date: 08/20/94
Standard File: BS112994A
Date: 11/29/94 Time: 15:37:00
MIN RF: SW(&) = .05 CLP = .01 OR BELOW
MAX %D: SW(*) = 30% CLP = 25%

	Compound		Mean RF(I)	RF(O)	% D
CS50	2-FLUOROPHENOL	0.6	0.996	0.801	19.646
CS45	D5-PHENOL	0.8	1.309	1.078	17.653
CS20	D5-NITROBENZENE	0.2	0.294	0.270	8.273
CS25	2-FLUOROBIPHENYL	0.7	1.089	1.060	2.664
CS55	2,4,6TRIBROMOPHENOL		0.117	0.148	25.958
CS30	D14-P-TERPHENYL	0.5	0.841	0.851	1.130
CS70	2-CHLOROPHENOL-D4	0.8	1.095	1.043	4.717
CS75	1,2-CL2BENZENE-D4	0.4	0.725	0.736	1.581
C315	*PHENOL	0.8	1.593	1.349	15.321
C325	BIS(2CHLOROETHYL)E	0.7	1.384	1.196	13.614
C330	2CHLOROPHENOL	0.8	1.118	1.063	4.901
C335	1,3DICHLOROBENZENE	0.6	1.234	1.169	5.262
C340	*1,4DICHLOROBENZENE	0.5	1.251	1.348	7.760
C320	ANILINE		1.393	1.249	10.300
C310	N-NITROSODIMETHYLAMINE		0.621	0.530	14.655
C319	PYRIDINE		0.918	0.895	2.558
C345	BENZYL ALCOHOL		0.581	0.542	6.628
C350	1,2DICHLOROBENZENE	0.4	1.143	1.228	7.506
C355	2METHYLPHENOL	0.7	1.035	0.828	19.924
C357	2,2'OXYBIS(1CHLOROPR		1.301	1.152	11.441
C365	4METHYLPHENOL	0.6	1.056	0.949	10.084
C370	&NITROSOPROPYLAMINE	0.5	0.614	0.595	3.174
C375	HEXACHLOROETHANE	0.3	0.454	0.450	0.762
C410	NITROBENZENE	0.2	0.294	0.275	6.608
C415	ISOPHORONE	0.4	0.575	0.564	1.914
C420	*2-NITROPHENOL	0.1	0.176	0.135	23.426
C425	2,4-DIMETHYLPHENOL	0.2	0.225	0.221	1.759
C430	BENZOIC ACID		0.140	0.087	38.178
C435	BIS(2CHLOROETHOXY)	0.3	0.388	0.366	5.593
C440	*2,4DICHLOROPHENOL	0.2	0.256	0.256	0.226
C445	1,2,4TRICHLOROBENZ	0.2	0.273	0.298	9.214
C450	NAPHTHALENE	0.7	0.857	0.897	4.681
C455	4-CHLOROANILINE		0.323	0.261	19.091
C460	*CL6BUTADIENE		0.127	0.158	24.710
C465	*4CHLORO3METHYLPHEN	0.2	0.237	0.244	2.946
C470	2METHYLNAPHTHALENE	0.4	0.583	0.559	4.207
C510	&CL6CYCLOPENTADIENE		0.286	0.233	18.444
C515	*246TRICHLOROPHNEOL	0.2	0.329	0.299	9.197
C520	2,4,5TRICHLOROPHEN	0.2	0.356	0.385	7.947
C525	2CHLORONAPHTHALENE	0.8	1.022	1.010	1.165
C530	2-NITROANILINE		0.271	0.227	16.429
C535	DIMETHYL PHTHALATE		1.111	1.057	4.871
C540	ACENAPHTHYLENE	1.3	1.558	1.522	2.298
C545	3-NITROANILINE		0.148	0.121	18.520
C550	*ACENAPHTHENE	0.8	0.916	0.861	6.027
C321	2,3,4,6-TETRACHLOROPHE		0.302	0.333	10.309
C555	&2,4DINITROPHENOL		0.148	0.067	54.755

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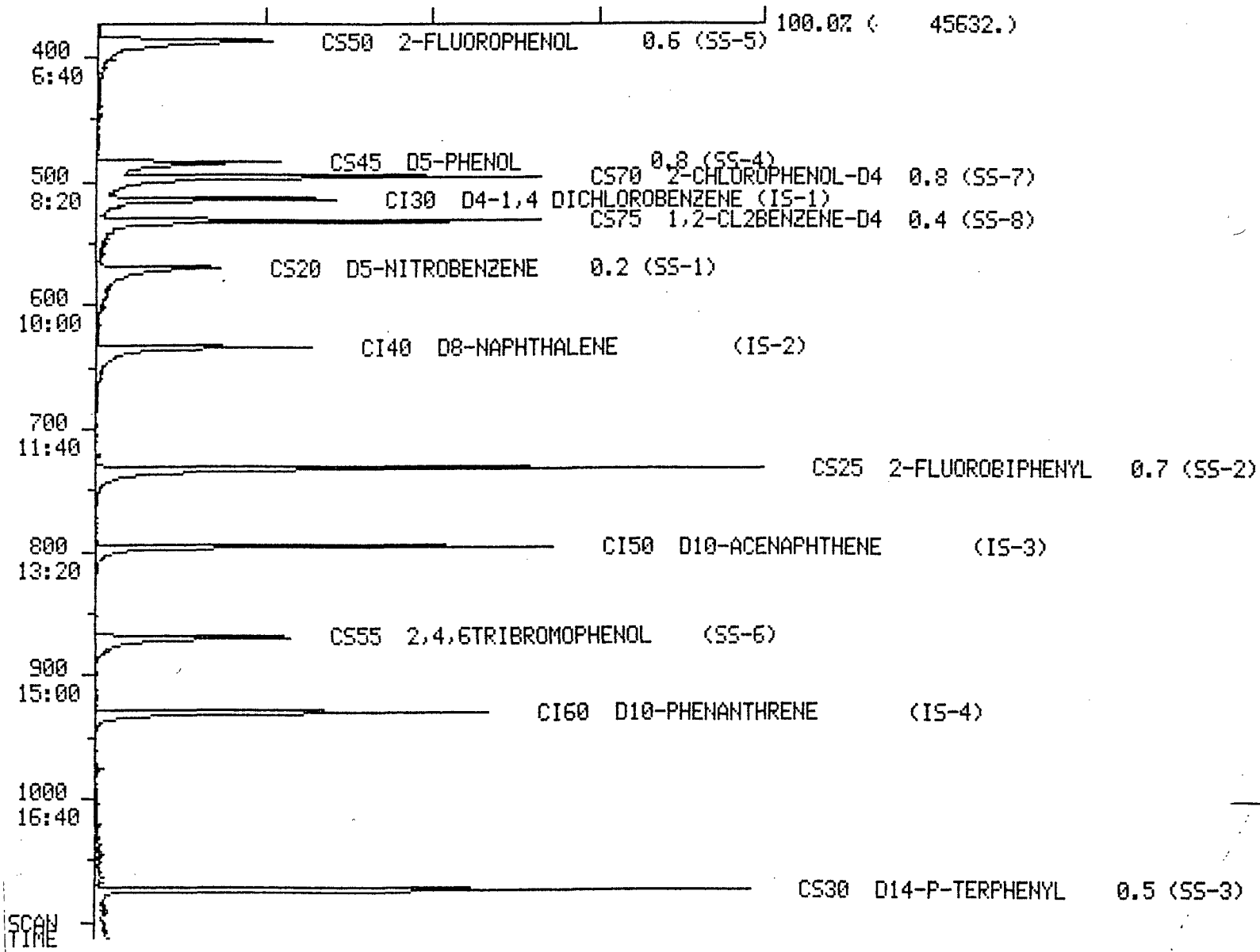
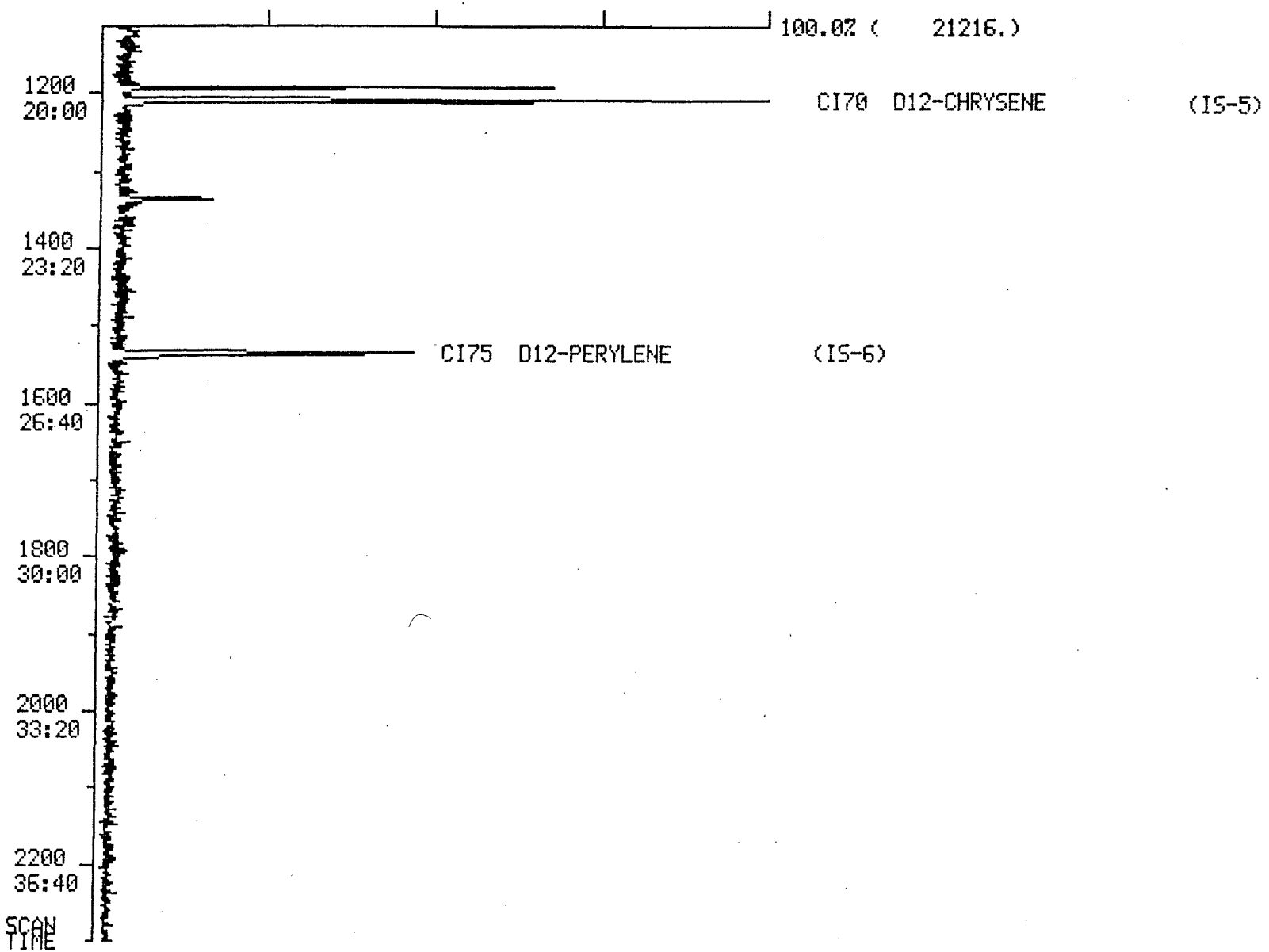
C560	&4NITROPHENOL		0.084	0.104	23.742
C565	DIBENZOFURAN	0.8	1.322	1.401	6.027
C570	2,4DINITROTOLUENE	0.2	0.360	0.310	13.816
C543	2,6DINITROTOLUENE	0.2	0.296	0.218	26.587
C580	DIETHYL PHTHALATE		1.062	1.055	0.582
C585	4CHLOROPHENYL PHEN	0.4	0.520	0.566	8.856
C590	FLUORENE	0.9	1.097	1.085	1.070
C595	4-NITROANILINE		0.124	0.086	30.349
C610	4,6DINITRO2METHYLPH		0.136	0.116	14.567
C615	*DIPHENYLAMINE		0.393	0.351	10.644
C625	4BROMOPHENYL PHENY	0.1	0.183	0.207	13.191
C630	CL6BENZENE	0.1	0.185	0.230	24.260
C635	*PENTACHLOROPHENOL	0.05	0.133	0.135	1.173
C640	PHENANTHRENE	0.7	1.012	0.941	6.961
C645	ANTHRACENE	0.7	1.021	1.114	9.097
C650	DI-NBUTYLPHTHALATE		1.245	1.152	7.477
C655	*FLUORANTHENE	0.6	0.987	1.030	4.317
D200	1,2-DIPHENYLHYDRAZINE		0.813	0.811	0.170
C647	CARBAZOLE		0.591	0.285	51.730
C715	PYRENE	0.6	1.440	1.251	13.138
C720	BUTYLBENZYLPHTHALATE		0.714	0.605	15.331
C725	3,3'CL2BENZIDINE		0.135	0.266	97.260
C730	BENZO(A)ANTHRACENE	0.8	1.107	1.046	5.527
C740	BIS(2ETHYLHEXYL)PHTH		0.978	0.869	11.148
C735	CHRYSENE	0.7	1.007	0.981	2.615
C760	*DI-N-OCTYLPHTHALATE		1.555	1.331	14.406
C765	BENZO(B)FLUORANTHE	0.7	1.079	0.913	15.409
C770	BENZO(K)FLUORANTHE	0.7	0.909	0.911	0.222
C775	*BENZO(A)PYRENE	0.7	0.917	0.898	2.112
C780	INDENO(1,2,3CD)PYR	0.5	0.920	0.907	1.367
C785	DIBENZO(A,H)ANTHRA	0.4	0.713	0.736	3.156
C790	BENZO(G,H,I)PERYLE	0.5	0.765	0.758	0.863

DATA FROM FILE: SV11271WB1 SCANS 373 TO 1113 ACQUIRED: 11/29/94 20:46:00
CALI: SV11271WB1 #1
SAMPLE: SBLKW WATER-11271WB1
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300103

DATA FROM FILE: SV11271WB1 SCANS 1113 TO 2300 ACQUIRED: 11/29/94 20:46:00
CALI: SV11271WB1 #1
SAMPLE: SBLKW WATER-11271WB1
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300104

Quantitation Report File: SV11271WB1

Data: SV11271WB1.TI
11/29/94 20:46:00
Sample: SBLKW WATER-11271WB1
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: S B W Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.: 11271

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
1	CI30	D4-1,4 DICHLOROBENZENE	(IS-1)
2	CI40	D8-NAPHTHALENE	(IS-2)
3	CI50	D10-ACENAPHTHENE	(IS-3)
4	CI60	D10-PHENANTHRENE	(IS-4)
5	CI70	D12-CHRYSENE	(IS-5)
6	CI75	D12-PERYLENE	(IS-6)
7	CS50	2-FLUOROPHENOL 0.6	(SS-5)
8	CS45	D5-PHENOL 0.8	(SS-4)
9	CS20	D5-NITROBENZENE 0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL 0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL	(SS-6)
12	CS30	D14-P-TERPHENYL 0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4 0.8	(SS-7)
14	CS75	1,2-CL2BENZENE-D4 0.4	(SS-8)
15	C740	BIS(2ETHYLHEXYL)PHTH	

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	513	8:33	1	1.000	A BB	8776.	20.000 PPB	3.86
2	136	633	10:33	2	1.000	A BB	24981.	20.000 PPB	3.86
3	164	795	13:15	3	1.000	A BV	18944.	20.000 PPB	3.86
4	188	929	15:29	4	1.000	A BB	28799.	20.000 PPB	3.86
5	240	1207	20:07	5	1.000	A BB	23655.	20.000 PPB	3.86
6	264	1534	25:34	6	1.000	A BB	21058.	20.000 PPB	3.86
7	112	386	6:26	1	0.752	A BB	21346.	60.794 PPB	11.74
8	99	483	8:03	1	0.942	A BB	22992.	48.625 PPB	9.39
9	82	569	9:29	2	0.899	A BB	13714.	40.742 PPB	7.87
10	172	731	12:11	3	0.919	A BB	43295.	43.156 PPB	8.33
11	330	868	14:28	3	1.092	A BB	8222.	58.857 PPB	11.36
12	244	1072	17:52	5	0.888	A BB	38150.	37.925 PPB	7.32
13	132	495	8:15	1	0.965	A BB	25091.	54.835 PPB	10.59
14	152	531	8:51	1	1.035	A BB	13786.	42.718 PPB	8.25
15	149	1191	19:51	5	0.987	A BB	10518.	10.237 PPB	1.98

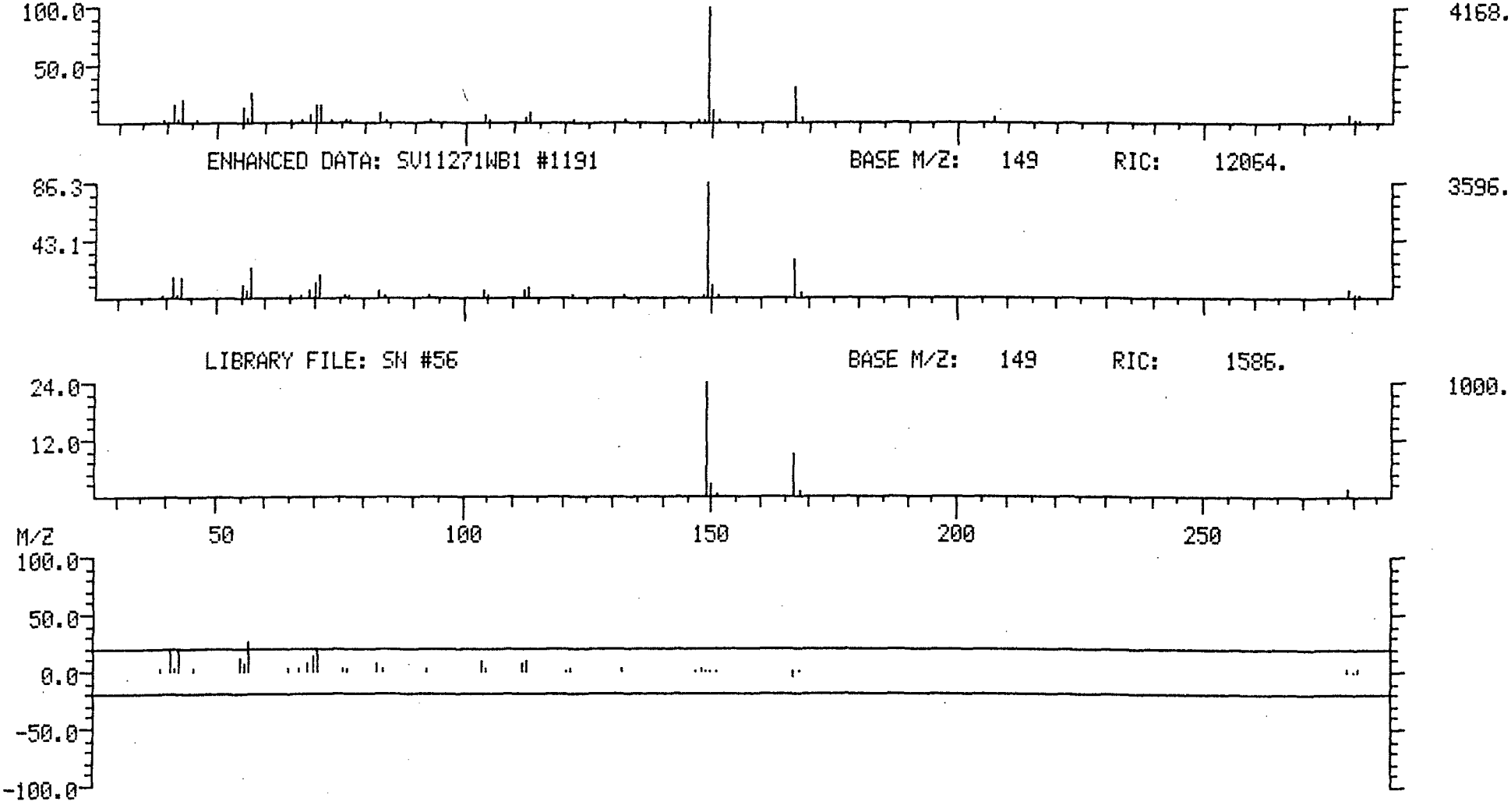
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:40	0.99	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:35	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:15	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:29	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	20:07	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	25:32	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:44	0.96	0.777	0.97	60.79	25.00	1.946	0.800	2.43
8	8:11	0.98	0.944	1.00	48.62	25.00	2.096	1.078	1.94
9	9:32	0.99	0.901	1.00	40.74	25.00	0.439	0.269	1.63

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
10	12:11	1.00	0.919	1.00	43.16	25.00	1.828	1.059	1.73
11	14:27	1.00	1.091	1.00	58.86	25.00	0.347	0.147	2.35
12	17:52	1.00	0.888	1.00	37.92	25.00	1.290	0.851	1.52
13	8:23	0.98	0.967	1.00	54.83	25.00	2.287	1.043	2.19
14	8:57	0.99	1.033	1.00	42.72	25.00	1.257	0.735	1.71
15	19:52	1.00	0.988	1.00	10.24	25.00	0.356	0.869	0.41

TARGET COMPOUND COMPARISON

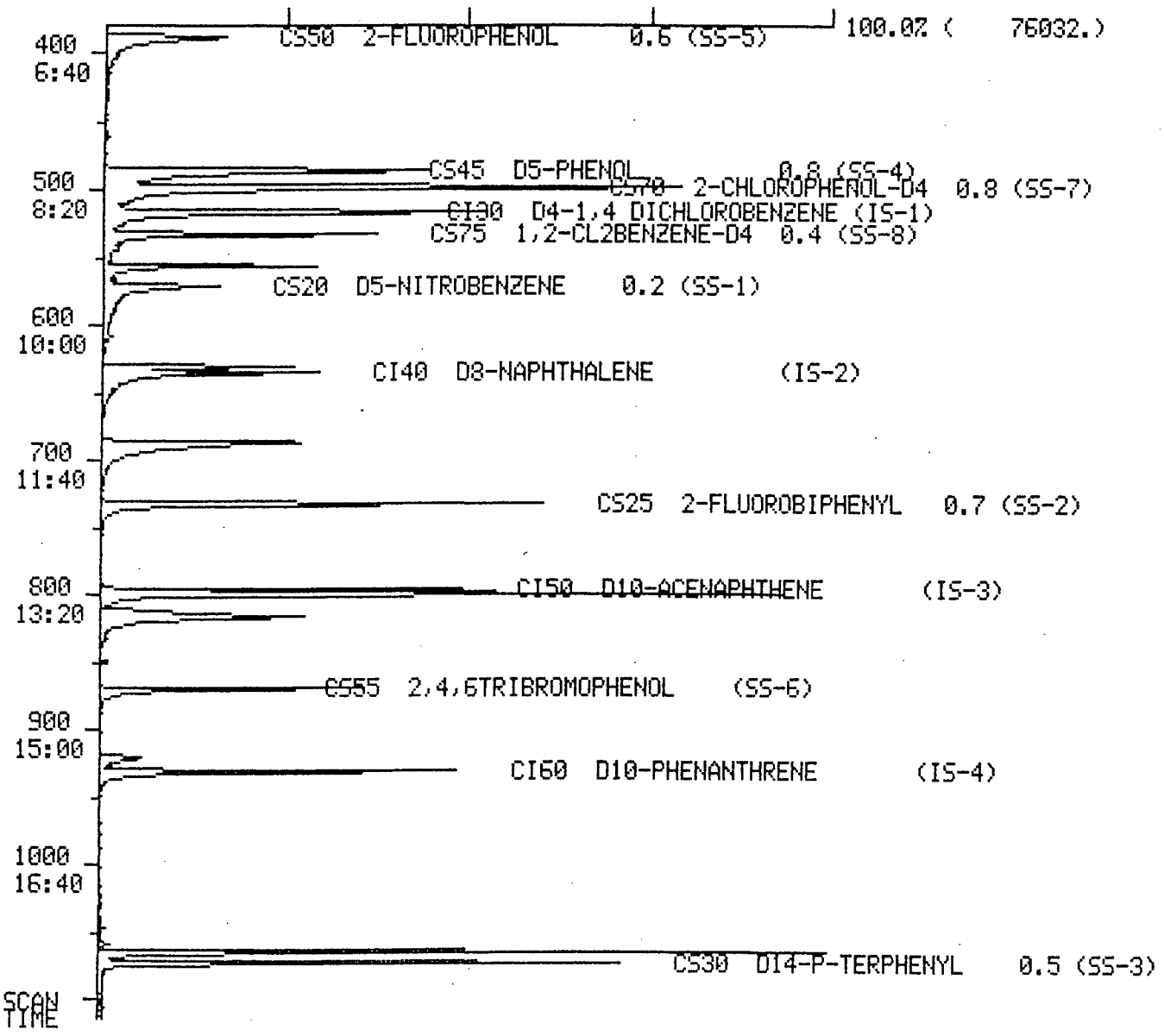
COMPOUND: C740 BIS(2ETHYLHEXYL)PHTH

RAW DATA: SV11271WB1 #1191 BASE M/Z: 149 RIC: 14352.
11/29/94 20:46
SAMPLE: SBLKW WATER-11271WB1
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300107

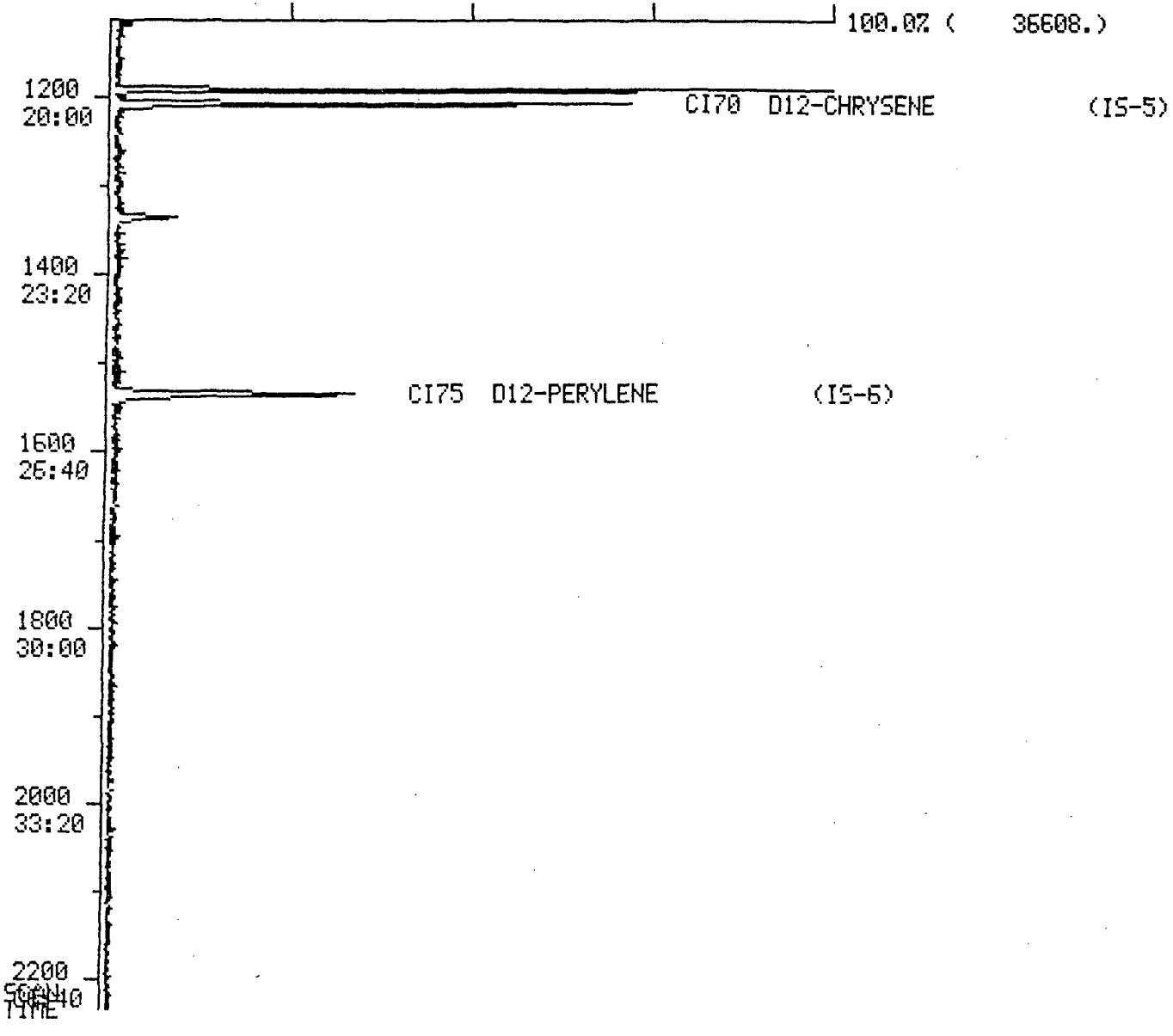
DATA FROM FILE: SV11271WS1 SCANS 379 TO 1114 ACQUIRED: 11/29/94 21:30:00
CALI: SV11271WS1 #1
SAMPLE: BLANK SPIKE WATER-11271WS1
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300108

NOV 23 1994

DATA FROM FILE: SV11271WS1 SCANS 1114 TO 2233 ACQUIRED: 11/29/94 21:30:00
CALI: SV11271WS1 #1
SAMPLE: BLANK SPIKE WATER-11271WS1
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300109

Quantitation Report File: SV11271WS1

Data: SV11271WS1.TI
11/29/94 21:30:00
Sample: BLANK SPIKE WATER-11271WS1
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: S B W Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.: 11271

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name			
1	CI30	D4-1,4 DICHLOROBENZENE		(IS-1)
2	CI40	D8-NAPHTHALENE		(IS-2)
3	CI50	D10-ACENAPHTHENE		(IS-3)
4	CI60	D10-PHENANTHRENE		(IS-4)
5	CI70	D12-CHRYSENE		(IS-5)
6	CI75	D12-PERYLENE		(IS-6)
7	CS50	2-FLUOROPHENOL	0.6	(SS-5)
8	CS45	D5-PHENOL	0.8	(SS-4)
9	CS20	D5-NITROBENZENE	0.2	(SS-1)
10	CS25	2-FLUOROBIPHENYL	0.7	(SS-2)
11	CS55	2,4,6TRIBROMOPHENOL		(SS-6)
12	CS30	D14-P-TERPHENYL	0.5	(SS-3)
13	CS70	2-CHLOROPHENOL-D4	0.8	(SS-7)
14	C315	*PHENOL	0.8	
15	C330	2CHLOROPHENOL	0.8	
16	C340	*1,4DICHLOROBENZENE	0.5	T
17	C370	&NITROSOPROPYLAMINE	0.5	
18	C445	1,2,4TRICHLOROBENZ	0.2	
19	C465	*4CHLORO3METHYLPHEN	0.2	
20	C550	*ACENAPHTHENE	0.8	
21	C570	2,4DINITROTOLUENE	0.2	T
22	C635	*PENTACHLOROPHENOL	0.05	T
23	C715	PYRENE	0.6	
24	C740	BIS(2ETHYLHEXYL)PHTH		
25	CS75	1,2-CL2BENZENE-D4	0.4	(SS-8)
26	C560	&4NITROPHENOL		

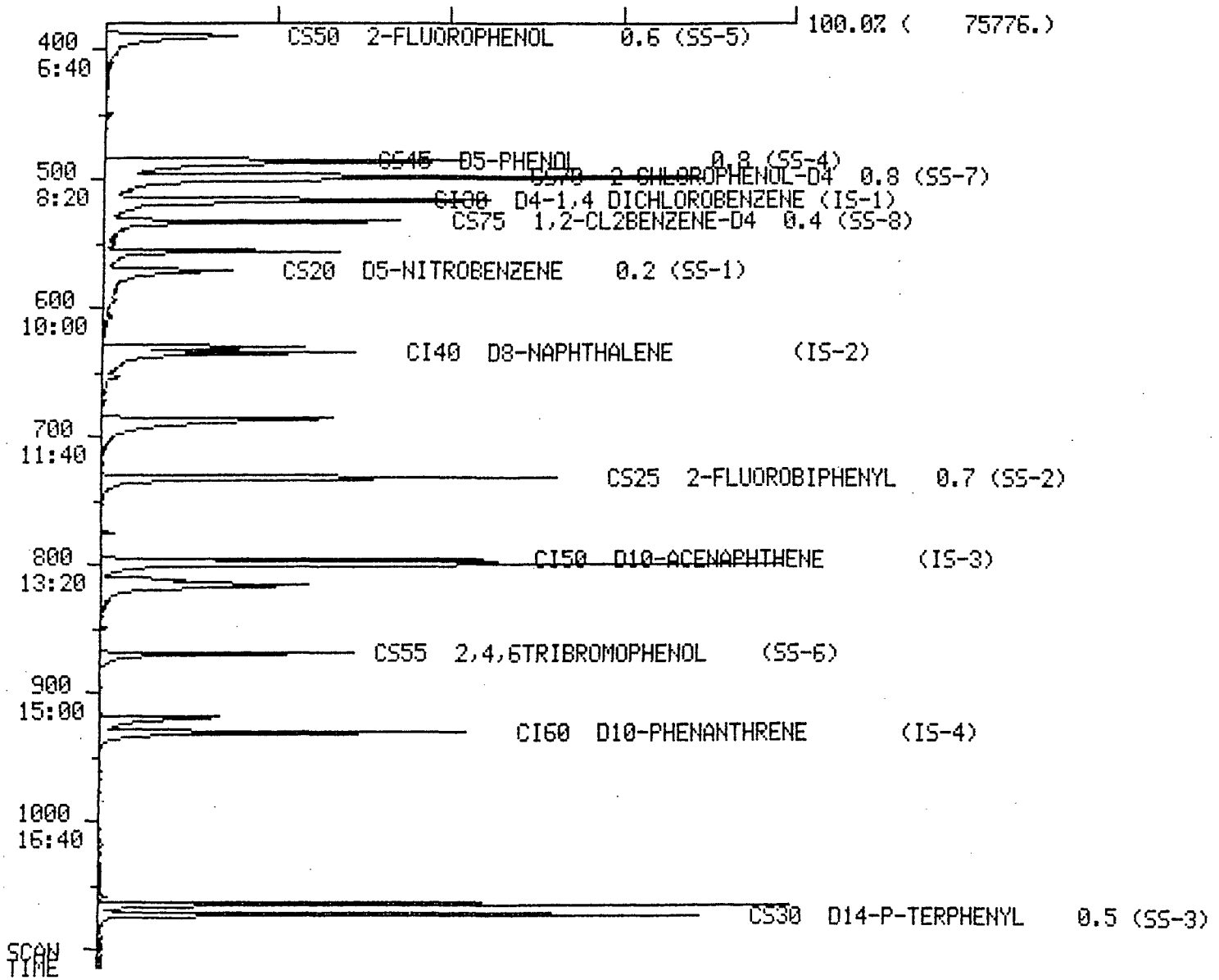
No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	514	8:34	1	1.000	A BB	10273.	20.000 PPB	2.03
2	136	634	10:34	2	1.000	A BB	29752.	20.000 PPB	2.03
3	164	795	13:15	3	1.000	A BB	22225.	20.000 PPB	2.03
4	188	930	15:30	4	1.000	A BB	34276.	20.000 PPB	2.03
5	240	1207	20:07	5	1.000	A BB	30183.	20.000 PPB	2.03
6	264	1533	25:33	6	1.000	A BB	28053.	20.000 PPB	2.03
7	112	387	6:27	1	0.753	A BB	22685.	55.193 PPB	5.61
8	99	484	8:04	1	0.942	A BV	28690.	51.833 PPB	5.27
9	82	569	9:29	2	0.897	A BB	15613.	38.944 PPB	3.96
10	172	732	12:12	3	0.921	A BB	45088.	38.308 PPB	3.89
11	330	868	14:28	3	1.092	A BB	10402.	63.469 PPB	6.45
12	244	1072	17:52	5	0.888	A BB	40633.	31.657 PPB	3.22
13	132	496	8:16	1	0.965	A BB	32032.	59.803 PPB	6.08
14	94	485	8:05	1	0.944	A BV	28398.	41.005 PPB	4.17
15	128	497	8:17	1	0.967	A BB	30904.	56.621 PPB	5.76
16	146	515	8:35	1	1.002	A BB	20955.	30.285 PPB	3.08
17	70	555	9:15	1	1.080	A BB	9287.	30.421 PPB	3.09

300110

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
18	180	629	10:29	2	0.992	A BB	15595.	35.232 PPB	3.58
19	107	686	11:26	2	1.082	A BB	25035.	69.164 PPB	7.03
20	153	798	13:18	3	1.004	A BB	39562.	41.365 PPB	4.21
21	165	815	13:35	3	1.025	A BB	13257.	38.558 PPB	3.92
22	266	921	15:21	4	0.990	A BV	4329.	18.846 PPB	1.92
23	202	1064	17:44	5	0.882	A BV	81509.	43.207 PPB	4.39
24	149	1191	19:51	5	0.987	A BB	28153.	21.474 PPB	2.18
25	152	532	8:52	1	1.035	A BV	12543.	33.202 PPB	3.38
26	109	812	13:32	3	1.021	A BB	7465.	65.081 PPB	6.62

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:40	0.99	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:35	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:15	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:29	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	20:07	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	25:32	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:44	0.96	0.777	0.97	55.19	25.00	1.767	0.800	2.21
8	8:11	0.99	0.944	1.00	51.83	25.00	2.234	1.078	2.07
9	9:32	0.99	0.901	1.00	38.94	25.00	0.420	0.269	1.56
10	12:11	1.00	0.919	1.00	38.31	25.00	1.623	1.059	1.53
11	14:27	1.00	1.091	1.00	63.47	25.00	0.374	0.147	2.54
12	17:52	1.00	0.888	1.00	31.66	25.00	1.077	0.851	1.27
13	8:23	0.99	0.967	1.00	59.80	25.00	2.494	1.043	2.39
14	8:12	0.99	0.946	1.00	41.00	25.00	2.211	1.348	1.64
15	8:24	0.99	0.969	1.00	56.62	25.00	2.407	1.063	2.26
16	8:41	0.99	1.002	1.00	30.29	25.00	1.632	1.347	1.21
17	9:19	0.99	1.075	1.00	30.42	25.00	0.723	0.594	1.22
18	10:31	1.00	0.994	1.00	35.23	25.00	0.419	0.298	1.41
19	11:24	1.00	1.077	1.00	69.16	25.00	0.673	0.243	2.77
20	13:18	1.00	1.004	1.00	41.36	25.00	1.424	0.861	1.65
21	13:33	1.00	1.023	1.00	38.56	25.00	0.477	0.309	1.54
22	15:17	1.00	0.987	1.00	18.85	25.00	0.101	0.134	0.75
23	17:43	1.00	0.881	1.00	43.21	25.00	2.160	1.250	1.73
24	19:52	1.00	0.988	1.00	21.47	25.00	0.746	0.869	0.86
25	8:57	0.99	1.033	1.00	33.20	25.00	0.977	0.735	1.33
26	13:26	1.01	1.014	1.01	65.08	25.00	0.269	0.103	2.60

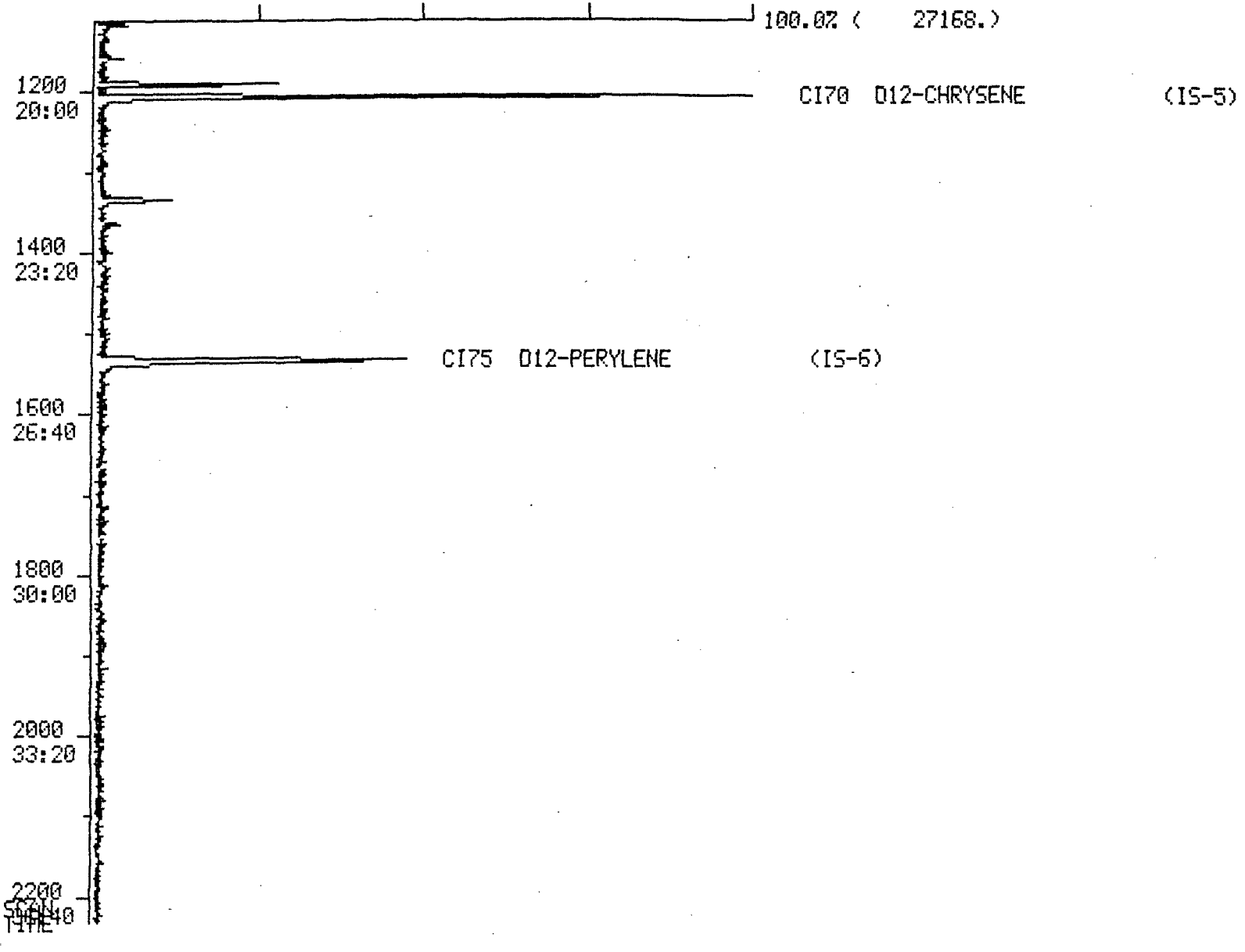
DATA FROM FILE: SVUNS05MSR SCANS 379 TO 1114 ACQUIRED: 11/29/94 22:14:00
CALI: SVUNS05MSR #1
SAMPLE: MS/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300112

DATA FROM FILE: SVUNS05MSR SCANS 1114 TO 2232 ACQUIRED: 11/29/94 22:14:00
CALI: SVUNS05MSR #1

SAMPLE: MS/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300113

Quantitation Report File: SVUNS05MSR

Data: SVUNS05MSR.TI
11/29/94 22:14:00
Sample: MS/110494 WATER HLA
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: S S W Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.: 11271

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

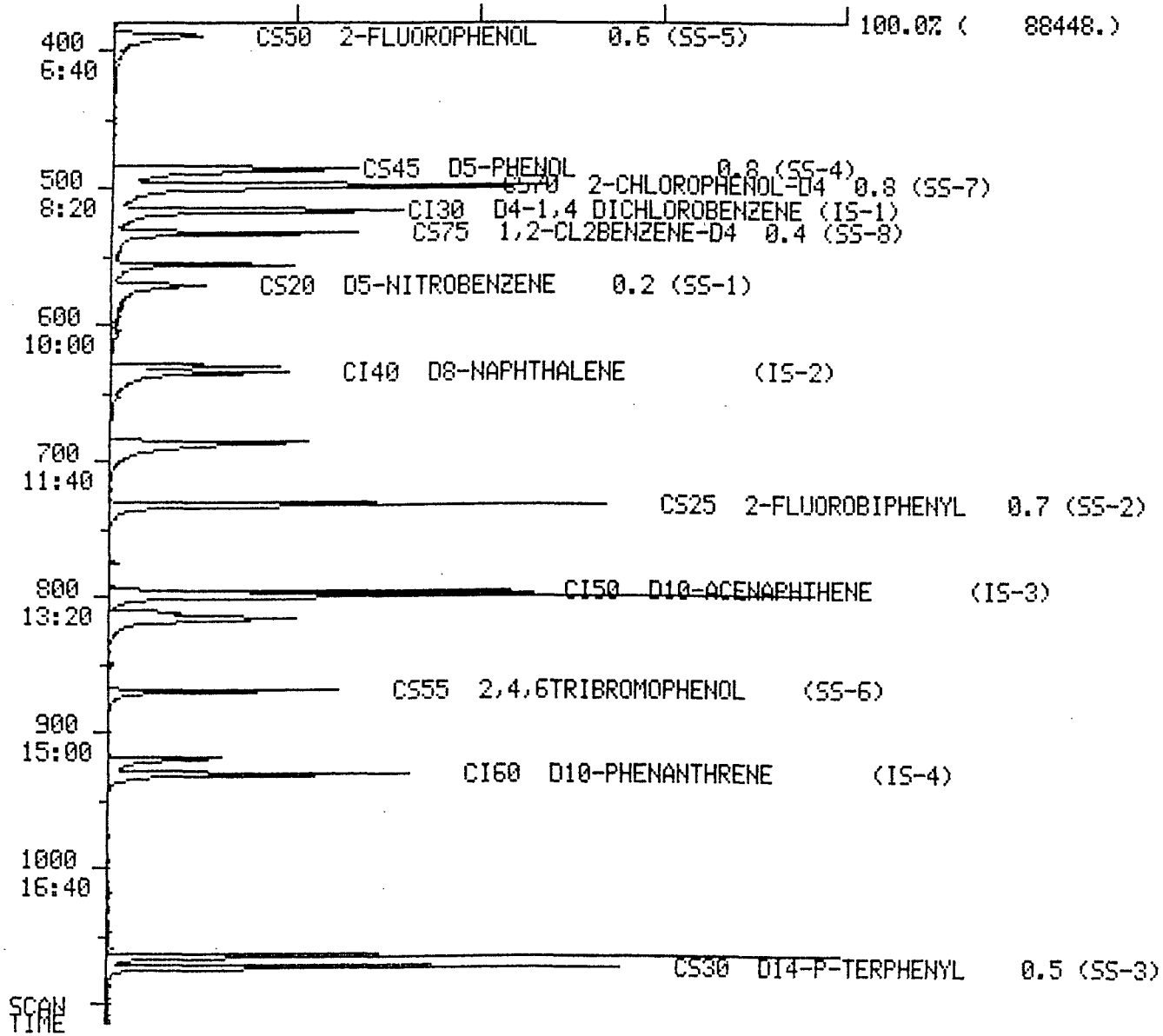
No	Name		
1	CI30 D4-1,4 DICHLOROBENZENE		(IS-1)
2	CI40 D8-NAPHTHALENE		(IS-2)
3	CI50 D10-ACENAPHTHENE		(IS-3)
4	CI60 D10-PHENANTHRENE		(IS-4)
5	CI70 D12-CHRYSENE		(IS-5)
6	CI75 D12-PERYLENE		(IS-6)
7	CS50 2-FLUOROPHENOL	0.6	(SS-5)
8	CS45 D5-PHENOL	0.8	(SS-4)
9	CS20 D5-NITROBENZENE	0.2	(SS-1)
10	CS25 2-FLUOROBIPHENYL	0.7	(SS-2)
11	CS55 2,4,6TRIBROMOPHENOL		(SS-6)
12	CS30 D14-P-TERPHENYL	0.5	(SS-3)
13	CS70 2-CHLOROPHENOL-D4	0.8	(SS-7)
14	C315 *PHENOL	0.8	
15	C330 2CHLOROPHENOL	0.8	
16	C340 *1,4DICHLOROBENZENE	0.5	T
17	C370 &NITROSOPROPYLAMINE	0.5	
18	C445 1,2,4TRICHLOROBENZ	0.2	
19	C465 *4CHLORO3METHYLPHEN	0.2	
20	C550 *ACENAPHTHENE	0.8	
21	C570 2,4DINITROTOLUENE	0.2	T
22	C635 *PENTACHLOROPHENOL	0.05	T
23	C715 PYRENE	0.6	
24	C740 BIS(2ETHYLHEXYL)PHTH		
25	CS75 1,2-CL2BENZENE-D4	0.4	(SS-8)
26	C560 &4NITROPHENOL		

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	514	8:34	1	1.000	A BB	11173.	20.000 PPB	1.99
2	136	634	10:34	2	1.000	A BB	33401.	20.000 PPB	1.99
3	164	795	13:15	3	1.000	A BB	23909.	20.000 PPB	1.99
4	188	930	15:30	4	1.000	A BB	35736.	20.000 PPB	1.99
5	240	1207	20:07	5	1.000	A BB	31365.	20.000 PPB	1.99
6	264	1532	25:32	6	1.000	A BB	29715.	20.000 PPB	1.99
7	112	388	6:28	1	0.755	A BB	24531.	54.878 PPB	5.45
8	99	484	8:04	1	0.942	A BV	31725.	52.699 PPB	5.23
9	82	569	9:29	2	0.897	A BV	19261.	42.795 PPB	4.25
10	172	731	12:11	3	0.919	A BB	49483.	39.081 PPB	3.88
11	330	868	14:28	3	1.092	A BB	11225.	63.667 PPB	6.32
12	244	1072	17:52	5	0.888	A BV	47020.	35.252 PPB	3.50
13	132	496	8:16	1	0.965	A BB	34585.	59.368 PPB	5.89
14	94	486	8:06	1	0.946	A BB	34519.	45.829 PPB	4.55
15	128	498	8:18	1	0.969	A BB	35872.	60.429 PPB	6.00
16	146	516	8:36	1	1.004	A BB	23658.	31.438 PPB	3.12
17	70	555	9:15	1	1.080	A BB	10430.	31.413 PPB	3.12

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
18	180	629	10:29	2	0.992	A BB	17563.	35.343 PPB	3.51
19	107	685	11:25	2	1.080	A BB	27408.	67.447 PPB	6.69
20	153	798	13:18	3	1.004	A BB	44334.	43.089 PPB	4.28
21	165	815	13:35	3	1.025	A BB	14387.	38.897 PPB	3.86
22	266	918	15:18	4	0.987	A BB	8346.	34.849 PPB	3.46
23	202	1063	17:43	5	0.881	A BB	82018.	41.838 PPB	4.15
24	149	1190	19:50	5	0.986	A BB	6445.	4.731 PPB	0.47
25	152	532	8:52	1	1.035	A BB	14949.	36.384 PPB	3.61
26	109	811	13:31	3	1.020	A BB	8393.	68.018 PPB	6.75

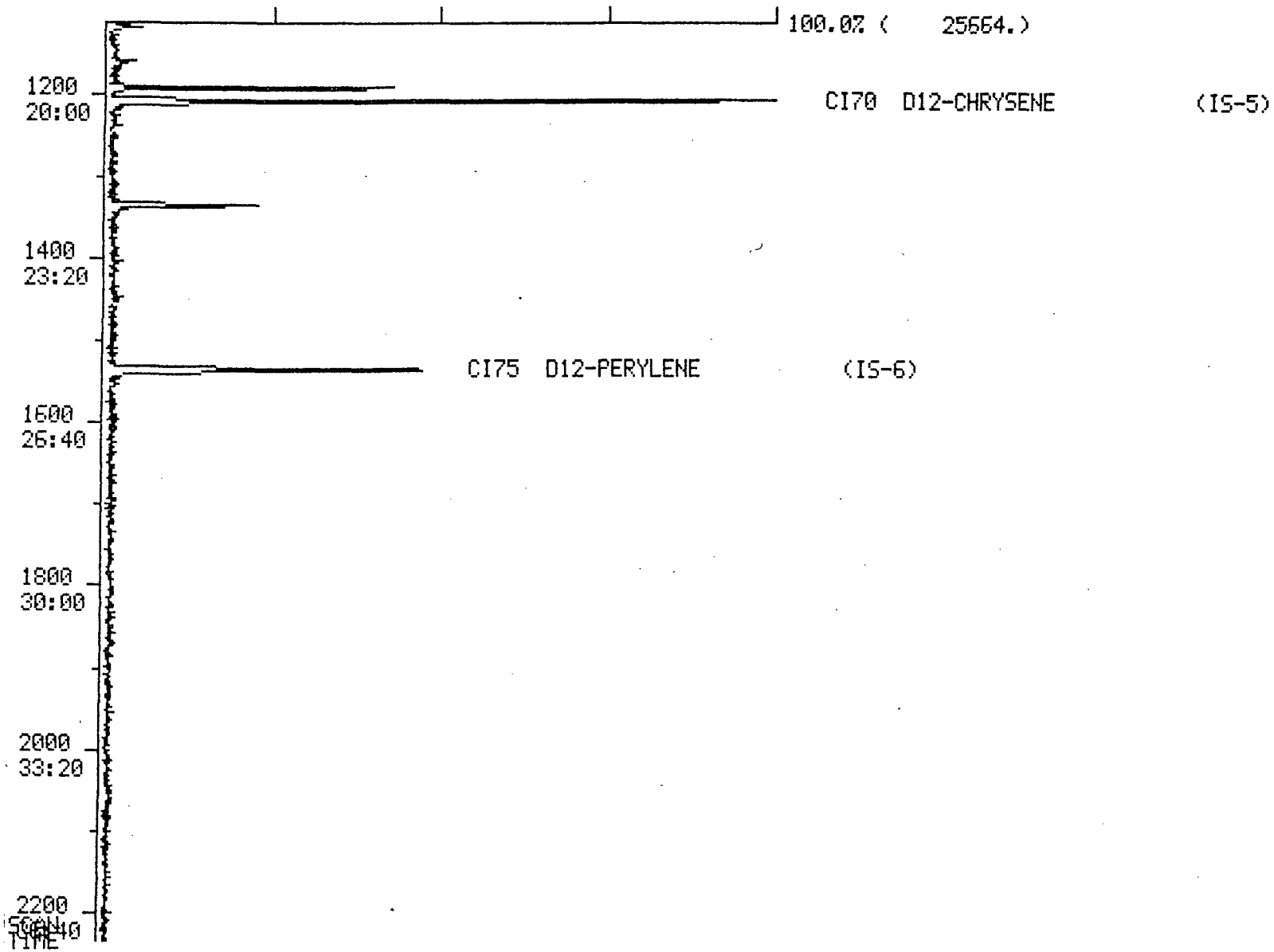
No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:40	0.99	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:35	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:15	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:29	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	20:07	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	25:32	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:44	0.96	0.777	0.97	54.88	25.00	1.756	0.800	2.20
8	8:11	0.99	0.944	1.00	52.70	25.00	2.272	1.078	2.11
9	9:32	0.99	0.901	1.00	42.80	25.00	0.461	0.269	1.71
10	12:11	1.00	0.919	1.00	39.08	25.00	1.656	1.059	1.56
11	14:27	1.00	1.091	1.00	63.67	25.00	0.376	0.147	2.55
12	17:52	1.00	0.888	1.00	35.25	25.00	1.199	0.851	1.41
13	8:23	0.99	0.967	1.00	59.37	25.00	2.476	1.043	2.37
14	8:12	0.99	0.946	1.00	45.83	25.00	2.472	1.348	1.83
15	8:24	0.99	0.969	1.00	60.43	25.00	2.568	1.063	2.42
16	8:41	0.99	1.002	1.00	31.44	25.00	1.694	1.347	1.26
17	9:19	0.99	1.075	1.00	31.41	25.00	0.747	0.594	1.26
18	10:31	1.00	0.994	1.00	35.34	25.00	0.421	0.298	1.41
19	11:24	1.00	1.077	1.00	67.45	25.00	0.656	0.243	2.70
20	13:18	1.00	1.004	1.00	43.09	25.00	1.483	0.861	1.72
21	13:33	1.00	1.023	1.00	38.90	25.00	0.481	0.309	1.56
22	15:17	1.00	0.987	1.00	34.85	25.00	0.187	0.134	1.39
23	17:43	1.00	0.881	1.00	41.84	25.00	2.092	1.250	1.67
24	19:52	1.00	0.988	1.00	4.73	25.00	0.164	0.869	0.19
25	8:57	0.99	1.033	1.00	36.38	25.00	1.070	0.735	1.46
26	13:26	1.01	1.014	1.01	68.02	25.00	0.281	0.103	2.72

DATA FROM FILE: SVUNS06MSDR SCANS 379 TO 1114 ACQUIRED: 11/29/94 22:58:00
CALI: SVUNS06MSDR #1
SAMPLE: MS/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300116

DATA FROM FILE: SVUNS06MSDR SCANS 1114 TO 2234 ACQUIRED: 11/29/94 22:58:00
CALI: SVUNS06MSDR #1
SAMPLE: MS/110494 WATER HLA
CONDS.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B



300117

Quantitation Report File: SVUNS06MSDR

Data: SVUNS06MSDR.TI
11/29/94 22:58:00
Sample: MS/110494 WATER HLA
Conds.: RTX-5 0.25MM X 30M 1.0UM 45/4-325@20 INST B
Formula: S S W Instrument: B Weight: 1.000
Submitted by: Analyst: JAM Acct. No.: 11271

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name		
1	CI30 D4-1,4 DICHLOROBENZENE		(IS-1)
2	CI40 D8-NAPHTHALENE		(IS-2)
3	CI50 D10-ACENAPHTHENE		(IS-3)
4	CI60 D10-PHENANTHRENE		(IS-4)
5	CI70 D12-CHRYSENE		(IS-5)
6	CI75 D12-PERYLENE		(IS-6)
7	CS50 2-FLUOROPHENOL	0.6	(SS-5)
8	CS45 D5-PHENOL	0.8	(SS-4)
9	CS20 D5-NITROBENZENE	0.2	(SS-1)
10	CS25 2-FLUOROBIPHENYL	0.7	(SS-2)
11	CS55 2,4,6TRIBROMOPHENOL		(SS-6)
12	CS30 D14-P-TERPHENYL	0.5	(SS-3)
13	CS70 2-CHLOROPHENOL-D4	0.8	(SS-7)
14	C315 *PHENOL	0.8	
15	C330 2CHLOROPHENOL	0.8	
16	C340 *1,4DICHLOROBENZENE	0.5	T
17	C370 &NITROSOPROPYLAMINE	0.5	
18	C445 1,2,4TRICHLOROBENZ	0.2	
19	C465 *4CHLOR03METHYLPHEN	0.2	
20	C550 *ACENAPHTHENE	0.8	
21	C570 2,4DINITROTOLUENE	0.2	T
22	C635 *PENTACHLOROPHENOL	0.05	T
23	C715 PYRENE	0.6	
24	C740 BIS(2ETHYLHEXYL)PHTH		
25	CS75 1,2-CL2BENZENE-D4	0.4	(SS-8)
26	C560 &4NITROPHENOL		

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	514	8:34	1	1.000	A BB	10886.	20.000 PPB	2.16
2	136	634	10:34	2	1.000	A BB	32141.	20.000 PPB	2.16
3	164	795	13:15	3	1.000	A BB	23266.	20.000 PPB	2.16
4	188	930	15:30	4	1.000	A BB	34854.	20.000 PPB	2.16
5	240	1207	20:07	5	1.000	A BB	31485.	20.000 PPB	2.16
6	264	1534	25:34	6	1.000	A BB	30098.	20.000 PPB	2.16
7	112	388	6:28	1	0.755	A BB	19098.	43.849 PPB	4.74
8	99	484	8:04	1	0.942	A BV	25553.	43.566 PPB	4.71
9	82	569	9:29	2	0.897	A BV	15419.	35.602 PPB	3.85
10	172	731	12:11	3	0.919	A BB	47289.	38.380 PPB	4.15
11	330	868	14:28	3	1.092	A BB	10620.	61.900 PPB	6.69
12	244	1072	17:52	5	0.888	A BB	44022.	32.879 PPB	3.55
13	132	496	8:16	1	0.965	A BB	28236.	49.747 PPB	5.38
14	94	485	8:05	1	0.944	A BB	26948.	36.720 PPB	3.97
15	128	498	8:18	1	0.969	A BB	28808.	49.808 PPB	5.39
16	146	515	8:35	1	1.002	A BB	18016.	24.572 PPB	2.66
17	70	555	9:15	1	1.080	A BB	9510.	29.397 PPB	3.18

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
18	180	629	10:29	2	0.992	A BV	13794.	28.847 PPB	3.12
19	107	685	11:25	2	1.080	A BB	25146.	64.307 PPB	6.95
20	153	798	13:18	3	1.004	A BB	40771.	40.721 PPB	4.40
21	165	814	13:34	3	1.024	A BB	14267.	39.639 PPB	4.29
22	266	918	15:18	4	0.987	A BB	8992.	38.497 PPB	4.16
23	202	1064	17:44	5	0.882	A BB	84001.	42.687 PPB	4.62
24	149	1191	19:51	5	0.987	A BB	9060.	6.625 PPB	0.72
25	152	532	8:52	1	1.035	A BV	12220.	30.526 PPB	3.30
26	109	811	13:31	3	1.020	A BB	8004.	66.658 PPB	7.21

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	8:40	0.99	1.000	1.00	20.00	20.00	1.000	1.000	1.00
2	10:35	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
3	13:15	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
4	15:29	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
5	20:07	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
6	25:32	1.00	1.000	1.00	20.00	20.00	1.000	1.000	1.00
7	6:44	0.96	0.777	0.97	43.85	25.00	1.403	0.800	1.75
8	8:11	0.99	0.944	1.00	43.57	25.00	1.878	1.078	1.74
9	9:32	0.99	0.901	1.00	35.60	25.00	0.384	0.269	1.42
10	12:11	1.00	0.919	1.00	38.38	25.00	1.626	1.059	1.54
11	14:27	1.00	1.091	1.00	61.90	25.00	0.365	0.147	2.48
12	17:52	1.00	0.888	1.00	32.88	25.00	1.119	0.851	1.32
13	8:23	0.99	0.967	1.00	49.75	25.00	2.075	1.043	1.99
14	8:12	0.99	0.946	1.00	36.72	25.00	1.980	1.348	1.47
15	8:24	0.99	0.969	1.00	49.81	25.00	2.117	1.063	1.99
16	8:41	0.99	1.002	1.00	24.57	25.00	1.324	1.347	0.98
17	9:19	0.99	1.075	1.00	29.40	25.00	0.699	0.594	1.18
18	10:31	1.00	0.994	1.00	28.85	25.00	0.343	0.298	1.15
19	11:24	1.00	1.077	1.00	64.31	25.00	0.626	0.243	2.57
20	13:18	1.00	1.004	1.00	40.72	25.00	1.402	0.861	1.63
21	13:33	1.00	1.023	1.00	39.64	25.00	0.491	0.309	1.59
22	15:17	1.00	0.987	1.00	38.50	25.00	0.206	0.134	1.54
23	17:43	1.00	0.881	1.00	42.69	25.00	2.134	1.250	1.71
24	19:52	1.00	0.988	1.00	6.62	25.00	0.230	0.869	0.26
25	8:57	0.99	1.033	1.00	30.53	25.00	0.898	0.735	1.22
26	13:26	1.01	1.014	1.01	66.66	25.00	0.275	0.103	2.67

ETC/GULF SOUTH

PACE / NEW ORLEANS

SAMPLE EXTRACTION/ANALYSIS LOG

UNP, UOD, UOL UNM.07Re

EPISODE UCC, UCN, UNS BATCH # _____

DATE RECEIVED 11/5&9/94 LIMS # 109666

EXTRACTION DATE 11-11-94 SDG/RG # _____

PAGE 1 OF _____

REVIEWED BY KE

EXTRACTION TECHS: BH

FRACTION: SV (✓) PEST/PCB ( ) OP PEST ( ) TPH ( ) OTHER ( )

PROTOCOL: 3/90 ( ) SW846 (✓) PP ( ) MOD CAL ( ) OTHER ( )

EXTRACTION: CLLE (✓) Sonic ( ) Shaker ( ) Sox ( ) Sep Fun ( )

								I	II	III	VI	VII	VIII	IX	X	SPIKING VOLUMES		ANALYSIS			
NOTE	GULF SOUTH ID	MATRIX/ LEVEL	pH	% MOIST	DWF	AMT EXTD g(ml)		INITIAL EXTRN VOL mls	GPC INIT VOL ml	GPC FINAL VOL ml	VOL TAKEN FOR SV/P	AL/FL INIT VOL ml	AL/FL FINAL VOL ml	FINAL PROCESS VOL ml	SURR VOL ul	MATRIX SPIKE VOL ul	DILUTION RATIO	ANAL DATE	ANAL INIT	QLF NF
	10966WB2	W/L	T	T	T	1000		1.0	—	—	—	—	—	1.0	100	—	No	11/14	g	1
	UNP-01																			
	UNP-02																			
	UOD-01																			
	UOL-01																			
	UCC-01								5.0	—	—	—	—	—	5.0					
	UCN-01								20	—	—	—	—	—	20					
	UNS-01								1.0	—	—	—	—	—	1.0			No	11/14	g	1
	UNS-02																				1
	UNS-03																				1
(F)	~~UNS-05~~																				—
	UNS-06	↓	✓	↓	↓	✓		1.0	—	—	—	—	—	1.0							
X	UNM.07Re	W/L	—	—	—	950		↓	↓	↓	↓	↓	↓	↓	↓	↓					

SURROGATE ID 277-36-SVSS CONC _____ MATRIX SPIKE ID: A _____ MATRIX SPIKE SPIKER _____

SURROGATE SPIKER _____ VERIFIER _____ B _____ MATRIX SPIKE VERIFIER _____

REAGENT LOT #'S CH2Cl2 BI321 ACETONE _____ HEXANE _____ ALUMINA _____ FLORISIL _____

NOTES AND COMMENTS: X ALL AVAILABLE SAMPLE

(F) WE WILL RE-EXTRACT OS, OSMS +06MSD

EXTHPL.WB1

300120

ETC/GULF SOUTH

PACE / NEW ORLEANS

SAMPLE EXTRACTION/ANALYSIS LOG

EPISODE UNS RE, UCV, UCX, UMD BATCH # 11271 (4TH)

DATE RECEIVED 11/5, 14, 18, 19, 21 LIMS #

EXTRACTION DATE 11/23/54 SDG/RG #

PAGE 1 OF 1

REVIEWED BY

EXTRACTION TECHS:

FRACTION: SV (✓) OP PEST ( ) OTHER ( )
PEST/PCB ( ) TPH ( )

PROTOCOL: 3/90 ( ) SW846 (✓) PP ( ) MOD CAL ( ) OTHER ( )

EXTRACTION: CLLE (✓) Sonic ( ) Shaker ( ) Sox ( ) Sep Fun ( )

		I	II	III	VI	VII	VIII	IX	X	SPIKING VOLUMES		ANALYSIS			
NOTE	GULF SOUTH ID	MATRIX/ LEVEL	pH	% MOIST	DWF	AMT EXTD g/ml	INITIAL EXTRN VOL mls	GPC INIT VOL ml	GPC FINAL VOL ml	VOL TAKEN FOR SV/P	AL/FL INIT VOL ml	AL/FL FINAL VOL ml	FINAL PROCESS VOL ml	SURR VOL ul	MATRIX SPIKE VOL ul	DILUTION RATIO	ANAL DATE	ANAL INIT	OLF NF
	11271WB1	w/L	—	—	—	1000							1.0	100	—	NO	11/29	gm	1
	11271WS1	↓	↓	↓	↓	↓							↓		A100 B50	↓	↓	↓	1
	11271WMS UNS-05RE														↓				1
	11271WMSD UNS-06MSRE														↓				1
	UNS-02RE														—				
	UCS-01RE														↓	NO	11/29	gm	1
	UCV-01															↓	11/30	gm	1
	UCX-01															↓	↓	↓	1
	UMD-01																		
	UTH-05	↓	↓	↓	↓	↓							1.0		↓				
	spikecheck	—	—	—	—	—	—	—	—	—	—	—	1.0	↓	A100 B50				
	UCB01	w/L	—	—	—	1000								100	—				gm 11/29

SURROGATE ID 291-09-SVSS CONC

SURROGATE SPIKER KE VERIFIER PW

MATRIX SPIKE ID: A 27723-AMS-750

B 277-24-BNMS-1000

MATRIX SPIKE SPIKER KE

MATRIX SPIKE VERIFIER PW

REAGENT LOT #'S CH_2Cl_2 BT-301 ACETONE HEXANE ALUMINA FLORISIL

NOTES AND COMMENTS:

EXTSHPL.WK1

300121

GULF SOUTH ENVIRONMENTAL LABORATORY
GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst: J. McFall Date: 11/29/94 Instrument: 13

Project I.D. (client/case/sdg): -

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions
Flow rate : 3.5 ml/min
Head pressure : 30 psi
Column : Fused Silica Capillary, 30m x 0.32mm, 1.0um film
Injector temp.: 250
Injector mode : Mod Splitless
GC desciptors : sample=SV, DFTPP=UM
GC program : 45 (4min) to 300 @ 12/min (optimized)

MS Conditions
Scan range: 35-500 amu
Scan rate : 1 s/scan
EM voltage: 1765

Non-standard Conditions : -

Maintenance/Problems : Cleaned source, rods, changed filament

Formaster Files : -

Original Data Filed With: -

Standard Identifications & Spike Amounts:
Targets: 290-02-SV-5 IS: 290-01-SVIS/SURR DFTPP: 244-92-PEST

Today's Response Factors: 1.077, 0.851

Definition of Status/Comments Column on Run Log (page 2):
✓.....analysis passed all criteria
-.....not applicable
CO.....carry-over or contamination suspected
DL/level...dilution required/suggested level
ME.....sample matrix effect (also indicate QC excursions, for example, IS2↑, SS2↑, etc.)
RE.....re-extraction required
RR.....rerun required
TD/level...too dilute/suggested level

GULF SOUTH ENVIRONMENTAL LABORATORY
GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst : J. McFall RRF of the day : 1.072, 0.851 Are runs within time limits? (YES) NO
Date : 11/29/94 Perf. Std. + 12 hrs. : 1.42 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (dil)	AMT INJ	QC BATCH	QLF	MULT FACT	I.S. AR	I.S. RT	SUR REC	STATUS/ COMMENTS	TAPE
13:42		BF1129944F	DFTPP	2µl	-	1	1	-	-	-	✓	B46
14:06		BS1129944A	SSTD050	2µl	-	1	1	-	-	-	✓	
14:51		SVC1C11294A	GPC SV BLANK 11/29/94	2µl	-	1	1	-	-	-	✓	
15:37		SVUSP01MO	175N44	2µl	11269	400	4	✓	✓	✓	✓	
16:21		SVASN01R	205544	2µl	11227	666	20	✓	✓	DL	✓	
17:06		SVUSA01R	APL-581-165	2µl		496	16	✓	✓	✓	✓	
17:50	AUS	SVUTN01R	APL-503-35	2µl		70.3	1	✓	✓	✓	✓	
18:34		SVUTM01R	APL-583-25			37.3	1	✓	✓	✓	✓	
19:18		SVUSM04N	APL-582-35			40.6	1	✓	✓	✓	✓	
20:02		SVUSM01R	APL-582-45 1:4		↓	154.5	4	✓	✓	✓	✓	
20:46		SV1127IWD1			11271	1	1	✓	✓	✓	✓	
21:30		SV1127IWS1				1	1	✓	✓	✓	✓	
22:14		SVUNS05ASR	MS/118444			1	1	✓	✓	-	✓	
22:58		SVUNB01MSD	MS/118444			1	1	✓	✓	-	✓	
23:42		SVUCB01R	9 DET			1	1	✓	✓	-	✓	
0:26		SVUCV01	12 DET			1	1	✓	✓	-	✓	
1:10		SVUCX01	12L 4.0.			1	1	✓	✓	-	✓	
		SVUTX99	GTLEB-1								out of data	
	↓	SVUMD01	16 COMP		↓							

300122

GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst: JMM Date: 11/9/94 Instrument: D

Project I.D. (client/case/sdg): —

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions
Flow rate : 3.5 ml/min
Head pressure : 30 psi
Column : Fused Silica Capillary, 30m x 0.32mm, 1.0um film
Injector temp.: 250
Injector mode : Mod Splitless
GC desciptors : sample=SV, DFTPP=UM
GC program : 45 (4min) to 300 @ 12/min (optimized)

MS Conditions
Scan range: 35-500 amu
Scan rate : 1 s/scan
EM voltage: 1514

Non-standard Conditions : —

Maintenance/Problems : —

Formaster Files : BS1109A-E.A

Original Data Filed With: —

Standard Identifications & Spike Amounts:
Targets: 244-92-SV10+ef IS: 247-21-SIS1109 DFTPP: 244-92-PBAF

Today's Response Factors: —

Definition of Status/Comments Column on Run Log (page 2):
✓.....analysis passed all criteria
—.....not applicable
CO.....carry-over or contamination suspected
DL/level...dilution required/suggested level
ME.....sample matrix effect (also indicate QC excursions, for example, IS2↑, SS2↑, etc.)
RE.....re-extraction required
RR.....rerun required
TD/level...too dilute/suggested level

GULF SOUTH ENVIRONMENTAL LABORATORY
GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst : JMM RRF of the day : — Are runs within time limits? (YES) NO

Date : 11/9/94 Perf. Std. + 12 hrs. : 21:26 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (dil)	AMT INJ	QC BATCH	QLF	MULT FACT	I.S. AR	I.S. RT	SUR REC	STATUS/ COMMENTS	TAPE
9:06	JM	BS1109994A	DFTPP	2ml	—	1	1	—	—	—	✓	6459
9:48	JM	BS1109994A	SSTD050	2ml	—	1	1	—	—	✓	Initial	
10:27	JM	BS1109994A	SSTD010	2ml	—	1	1	—	—	—		
11:01	JM	BS1109994U	SSTD005	2ml	—	1	1	—	—	—		
11:48	JM	BS1109940	SSTD120	2ml	—	1	1	—	—	—		
12:29	JM	BS1109994E	SSTD080	2ml	—	1	1	—	—	✓		

JM 11/9/94

300123

GULF SOUTH ENVIRONMENTAL LABORATORY
GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

690069

Analyst: J. McFall Date: 11/16/94 Instrument: B

Project I.D. (client/case/sdg): —

Standard Data Acquisition Parameters for Semi-Volatiles:

GC Conditions

Flow rate : 3.5 ml/min
Head pressure : 30 psi
Column : Fused Silica Capillary, 30m x 0.32mm, 1.0um film
Injector temp. : 250
Injector mode : Mod Splitless
GC desciptors : sample=SV, DFTPP=UM
GC program : 45 (4min) to 300 @ 12/min (optimized)

MS Conditions

Scan range: 35-500 amu
Scan rate : 1 s/scan
EM voltage: 1690

Non-standard Conditions : —

Maintenance/Problems : —

Formaster Files : BS1116A.Aq

Original Data Filed With: LAC/L

Standard Identifications & Spike Amounts:
Targets: 290-92-SV25 IS: 277-21-SVIS1000 DFTPP: 244-92-PERF

Today's Response Factors: 1.324, 0.777

Definition of Status/Comments Column on Run Log (page 2):

✓.....analysis passed all criteria
-.....not applicable
CO.....carry-over or contamination suspected
DL/level...dilution required/suggested level
ME.....sample matrix effect (also indicate QC excursions, for example, IS2↑, SS2↑, etc.)
RE.....re-extraction required
RR.....rerun required
TD/level...too dilute/suggested level

GULF SOUTH ENVIRONMENTAL LABORATORY
GC/MS INSTRUMENT OPERATIONS LOGSHEET --- SEMI-VOLATILES

Analyst : J. McFall RRF of the day : 1.324, 0.777 Are runs within time limits? YES NO

Date : 11/16/94 Perf. Std. + 12 hrs. : 23:22 (If no, circle outliers)

TIME	OP	FILE ID	CLIENT ID (dil)	AMT INJ	QC BATCH	QLF	MULT FACT	I.S. AR	I.S. RT	SUR REC	STATUS/ COMMENTS	TAPE
11:22	JM	BS1116A4D	DFTPP	2ul	—	1	1	—	—	—	—	B485
11:44	JM	BS1116A4A	SSTD050	2ul	—	1	1	—	—	—	✓	
12:29	JM	SV1101B10	GRW-100DL 1:25	2ul	11057	500	25	✓	✓	OL	✓	
17:09	JM	SV1101D20	GRW-101DL 1:25	2ul	↓	500	-5	✓	✓	OL	✓	
13:49	JM	SV1101B30	GRW-102DL 1:25	2ul		500	25	✓	✓	OL	✓	
14:30	JM	SV1101B40	GRW-103DL 1:25	2ul	↓	500	25	✓	✓	OL	✓	
15:10	JM/MS	SV1109616W02	SBLW	2ul	10966	1	1	—	—	—	✓	
15:50	JM	SVUNK01	PT-1/110494	↓	↓	1	1	✓	—	—	✓	
16:31	JM	SVUNS02	PT-2/110494			1	1	✓	—	—	✓	
17:11	JM	SVUNS03	PT-3/110494	↓	↓	1	1	✓	—	—	✓	

11/17/94

020000

300124