

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
 SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
 INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
 SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

3

[Handwritten signature]

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:03/19/2004 MAILDATE2:

Sc 372-04

CAUTION: THESE DEFECTS MAY MASK OTHER DEFECTS. AFTER CORRECTING ANY DEFECT PLEASE PROCESS THE DATA THROUGH WEB-CCS. THE CMH COLUMN INDICATES SAMPLE ANALYSIS FOR CYANIDE, METALS OR MERCURY.

																	POST						MS
		DATA	ICV/ CCV	CRQL	ICB/ CCB	PREP- BLANK	ICS	DIG. SPIKE	DUP	LCS	SER. DIL.	MDL	AES IEC	LIN. RANGE	PREP. DATA	RUN SEQ.	MS TUNE	INT STDS	MAN- UAL				
SAMPLE	CMH																						
LCSW	M																						
MA1C59	CMH																		1				
MA1C60	CMH																						
MA1C61	CMH																						
MA1C62	CMH																						



142055

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
 SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
 INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
 SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

4

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:03/19/2004 MAILDATE2:

TECHNICAL DEFECT FREQUENCY REPORT
 THIS REPORT PROVIDES A STATISTICAL SUMMARY OF THE TECHNICAL DEFECTS PRESENT IN THIS SDG.

		NUMBER OF	PERCENT OF
		DEFECTS	TOTAL
			DEFECTS
CRITERIA	DEFECT MESSAGE		
MD7.5	Form 12 is missing. (B-2.5.2.2.1)	1	100.00
TOTAL		1	100.00

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

5

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:03/19/2004 MAILDATE2:

TEXTUAL DEFECT REPORT

RUN	SAMPLE WITH DEF	ANALYTE	METHOD	REPORTED DATA	EXPECTED DATA	CHECKSUM	DEFECT CODE	SAMPLES CODED	ANALYSIS DATE	TIME
---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Form 12 is missing. (B-2.5.2.2.1)

MIDRANGE	CYANIDE	AS					MD7.5	MA1C59	03/09/04 0:00	
----------	---------	----	--	--	--	--	-------	--------	---------------	--

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

6

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:03/19/2004 MAILDATE2:

CRITERION	COMMENTS

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

7

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:03/19/2004 MAILDATE2:

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

8

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:03/19/2004 MAILDATE2:

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

9

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:03/19/2004 MAILDATE2:

Path Name

SMOM.ILM4.BONNER.MA1C59.I031704.DMCOPY
<-CHOP->

----- CASE=32635 CONTRACT=68W02067 SDG=MA1C59 LABCODE=BONNER -----

SAMPLE	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	CCS TOTAL	TIP TOTAL
LCSW	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			
MA1C59	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C60	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C61	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C62	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		

HG AND CN ARE NOT INCLUDED IN THE TOTALS

SPIKES AND DUPS TOTAL ANALYTES WILL AUTOMATICALLY BE COUNTED LIKE THE PARENT FIELD SAMPLE FOR TIP PURPOSES.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

1

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:03/19/2004 MAILDATE2:

```
*****
*****
*****
****
****      S C R E E N I N G   P A C K A G E      ****
****      S U M M A R Y   I N F O R M A T I O N    ****
****
****                      ILM05.2                ****
****                      AES                      ****
****
****                      SDG:  MA1C59             ****
****
****                      CASE:  32635             ****
****
****                      LAB:   BONNER            ****
****
****                      CONTRACT: 68W02067       ****
****
****                      REGION:  1               ****
****
****                      DRD:   03/17/2004        ****
****
****                      MAIL DATE 1: 03/19/2004  ****
****
****
****
*****
*****
*****
```

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

2

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:03/19/2004 MAILDATE2:
THE WEB-CCS SOFTWARE IS AVAILABLE ON THE WORLD WIDE WEB AT
<http://mssiis2.dyncorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-43023
IF YOU HAVE ANY QUESTIONS.

Manual Review Defects for ILM05.2
(Semi-automated)

page ___ of ___

Flex Clause Yes ___ No ☒

SDG Number: MAIC59

Review Chemist: FR

Review Date: 3/17/04

Lab Code: BONNER

QC Chemist: LM

QC Date: 3-17-04

- MD1** Compliance cannot be determined, raw data not present. (B-2.5.2.3.5) For: Tunes¹; Calibration²; ICV³; ICB⁴; CCV⁵; CCB⁶; CRI⁷; ICSA/ICSAB⁸; PBW/PBS⁹; LCSW/LCSS¹⁰; Matrix Spike¹¹; Post-digestion Spike¹²; Duplicate¹³; Serial Dilution¹⁴; Field Sample¹⁵; Start/End Time¹⁶.
- MD3** Analysis in raw data is missing on Form 13. (B-3.4.17.1.2) For: Tunes¹; Calibration²; ICV³; ICB⁴; CCV⁵; CCB⁶; CRI⁷; ICSA/ICSAB⁸; PBW/PBS⁹; LCSW/LCSS¹⁰; Matrix Spike¹¹; Post-digestion Spike¹²; Duplicate¹³; Serial Dilution¹⁴; Field Sample¹⁵.
- MD4.1** Traffic Report is missing. (B-2.4)
- MD4.2** Traffic Report is missing date received. (B-2.4)
- MD4.3** Traffic Report is missing laboratory signature. (B-2.4) S
3-18-04
- MD5** Preparation log is missing. (B-2.5.2.4)
- MD6** Compliance cannot be determined - Date received on the Traffic Report is not the same as reported on Form(s) 1. (B-3.4.2.2.1)
- MD7** Form(s) 1¹, 7², 9³, 10⁴, 12⁵, 13⁶, 14⁷, 15⁸ is (are) missing. (B-2.5.2.2.1)
- MD8** Form(s) 2¹, 3², 4³, 5⁴, 6⁵, 8⁶, 11⁷ is (are) missing for method. (B-2.5.2.2.1)
- MD9** Compliance cannot be determined, raw data not present for entire run. (B-2.5.2.3.5)
- MD10.1** SDG Narrative is missing. (B-2.5.1.2)
- MD10.2** SDG Narrative is missing: ¹Laboratory Name, ²Case Number, ³SDG Number, ⁴Contract Number. (B-2.5.1.2)
- MD10.3** ¹Laboratory Name, ²Case Number, ³SDG Number, ⁴Contract Number on SDG Narrative not the same as reported on Form (s) 1. (B-2.5.1.2; B-3.3.1; B-3.3.4; B-3.3.6; B-3.3.2)

Criterion	Sample w/Defect	Method	Analysis Date/Time	Analyte(s)	Samples Coded
MD7.5	MIDRANGE 250	AS	3-9-04 00:00	CN	MIDRANGE 250 MAIC59

page ____ of ____

[illegible]



USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 32635

DAS No:

SDG No:

MA1C59

L

Date Shipped: 3/2/2004

Carrier Name: FedEx

Airbill: 840046579391

Shipped to: Bonner Analytical Testing Company
2703 Oak Grove Road
Hattiesburg MD 39402
(601) 264-2854

Chain of Custody Record

Relinquished By

(Date / Time)

Sampler Signature:

Received By

(Date / Time)

1

3/2/04 1430

2

3

4

Shannon Chandlerwell 3404 0830

For Lab Use Only 68W020067

Lab Contract No:

Unit Price:

Transfer To:

Lab Contract No:

Unit Price:

INORGANIC
SAMPLE No.

MATRIX/
SAMPLER

CONC/
TYPE

ANALYSIS/
TURNAROUND

TAG No/
PRESERVATIVE/ Bottles

STATION
LOCATION

SAMPLE COLLECT
DATE/TIME

ORGANIC
SAMPLE No.

FOR LAB USE ONLY
Sample Condition On Receipt

MA1C39	Soil (>12")	M/G	CN (21), TM (21)	193945 (Ice Only), 193946 (Ice Only) (2)	SO-03	S: 3/1/2004 16:55	A1C39
MA1C50	Soil (>12")	M/G	CN (21), TM (21)	193978 (Ice Only), 193979 (Ice Only) (2)	SO-14	S: 3/1/2004 11:09	A1C50
MA1C59	Drill Rig Tank Water	M/G	CN (21), TM (21)	190506 (HNO3), 190507 (NaOH) (2)	Rig-01	S: 3/1/2004 14:00	A1C59
MA1C60	Field QC	M/G	CN (21), TM (21)	190512 (HNO3), 190513 (NaOH) (2)	RB-01	S: 3/1/2004 12:30	A1C60
MA1C73	PE Soil	M/G	TM (21)	190564 (Ice Only) (1)	PE-MS00518	S: 3/1/2004 8:00	
MA1C74	PE Soil	M/G	CN (21)	190565 (Ice Only) (1)	PE-CNS1325	S: 3/1/2004 8:00	

good

AD 3/3/04

Shipment for Case Complete? N

Sample(s) to be used for laboratory QC:

Additional Sampler Signature(s):

Cooler Temperature Upon Receipt:

Chain of Custody Seal Number:

Analysis Key:

Concentration: L = Low, M = Low/Medium, H = High

Type/Designate: Composite = C, Grab = G

Custody Seal Intact? Y

Shipment Recd? Y

CN = Cyanide, TM = CLP TAL Total Metals and Hg

TR Number: 1-520220259-030204-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4502



USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Cooler No. EFAK002

Case No: 32635

DAS No:

SDG No:

MA1C59

L

Date Shipped: 3/3/2004
Carrier Name: FedEx
Airbill: 840046579406
Shipped to: Bonner Analytical Testing Company
2703 Oak Grove Road
Hattiesburg MD 39402
(601) 264-2854

Chain of Custody Record

Relinquished By

(Date / Time)

Sampler Signature

Received By

(Date / Time)

1

3/3/04 1440

2

3

4

Sharon Chantwell 3-4-04 0930

For Lab Use Only

Lab Contract No:

62402067

Unit Price:

\$72.00

Transfer To:

Lab Contract No:

Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA1C37	Soil (>12")	M/G	CN (21), TM (21)	193937 (Ice Only), 193938 (Ice Only), 193939 (Ice Only), 193940 (Ice Only) (4)	SO-01	S: 3/3/2004	8:30	A1C37	good
MA1C38	Soil (>12")	M/G	CN (21), TM (21)	193942 (Ice Only), 193943 (Ice Only) (2)	SO-02	S: 3/3/2004	10:45	A1C38	
MA1C41	Soil (>12")	M/G	CN (21), TM (21)	193951 (Ice Only), 193952 (Ice Only) (2)	SO-05	S: 3/2/2004	14:30	A1C41	
MA1C42	Soil (>12")	M/G	CN (21), TM (21)	193954 (Ice Only), 193955 (Ice Only) (2)	SO-08	S: 3/3/2004	9:30	A1C42	
MA1C43	Soil (>12")	M/G	CN (21), TM (21)	193957 (Ice Only), 193958 (Ice Only) (2)	SO-07	S: 3/3/2004	10:55	A1C43	
MA1C51	Soil (>12")	M/G	CN (21), TM (21)	193981 (Ice Only), 193982 (Ice Only) (2)	SO-15	S: 3/2/2004	13:00	A1C51	
MA1C61	Field QC	M/G	CN (21), TM (21)	190518 (HNO ₃), 190519 (NaOH) (2)	RB-02	S: 3/2/2004	17:10	A1C61	
MA1C62	Field QC	M/G	CN (21), TM (21)	190524 (HNO ₃), 190525 (NaOH) (2)	RB-03	S: 3/3/2004	12:30	A1C62	

Shipment for Case Complete? ☐	Sample(s) to be used for laboratory QC: MA1C37	Additional Sampler Signatures: 	Cooler Temperature Upon Receipt: 4.5°C	Chain of Custody Seal Number: N/A
Analysis Key: CN = Cyanide, TM = CLP TAL Total Metals and Hg	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ☒	Shipment Iced? ☒

TR Number: 1-520220259-030304-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4200

LABORATORY COPY

1/25/1.048

Page 1 of 1

003

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/2004

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W03067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

General

Comments:

BONNER reported that they had received the organic samples for Case 32635. Per Region 1, the organic samples were shipped to CEIMIC on 3/3/04. BONNER received the inorganic samples from CEIMIC on 3/4/04.

OK

CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C - Canceled
B - Broken in Transit
D - Damaged by Lab
I - Insufficient Volume
T - Transshipped
O - Other

REC: 22980

3/17/2004 1:40:30 PM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/2004

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

General Comments: CEIMIC reported that they had received the inorganic samples for Case 32635. Per Region 1, the inorganic samples were shipped to BONNER on 3/3/04. CEIMIC received the organic samples from BONNER on 3/4/04.

N/A

CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C – Canceled
B – Broken in Transit
D – Damaged by Lab
I – Insufficient Volume
T – Transshipped
O – Other

REC: 22979

3/17/2004 1:40:29 PM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/9/04

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W02067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

**General
Comments:**

BONNER reported that sample MA1C37 had a total solids of 15.2%, and that the sample was green, had a "non dirt matrix physical characteristic", and was almost slippery when touched. In addition, the sample went from green in color to clear after being baked. Per the Region, the sample appeared to be a colored clay material to the field sampling team. However, based on the information received from the Inorganic CLP lab, the sample melted during percent solids determination, yielding a low percent solid. The Region's concern is that the sample may be a highly concentrated organic material. Per the Region, the lab should proceed with caution during the analysis, and report any problems with sample preparation and analysis.

NA

CC:

IPAC DATE PROCESSED:

T&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

- C -- Canceled
- B -- Broken in Transit
- D -- Damaged by Lab
- I -- Insufficient Volume
- T -- Transshipped
- O -- Other

REC: 22991

3/17/2004 1:57:44 PM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/10/04

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

**General
Comments:**

CEIMIC reported that the TR/COC listed that the aqueous samples did not require laboratory QC, but sample A1C59 is listed on the TR/COC as a "Drill Rig Tank Water" sample. Per Region 1, the sample is a QA sample on the water used during the drilling process and should not be used for laboratory QC.



CC:

IPAC DATE PROCESSED:

T&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22992

3/17/2004 1:57:44 PM

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

3

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:

MAILDATE2:

```
*****
*****
*****
****
****      S C R E E N I N G   P A C K A G E      ****
****      S U M M A R Y   I N F O R M A T I O N    ****
****
****              ILM05.2                        ****
****              AES                             ****
****
****              SDG:  MA1C59                     ****
****
****              CASE:  32635                     ****
****
****              LAB:   BONNER                     ****
****
****              CONTRACT: 68W02067                ****
****
****              REGION:  1                       ****
****
****              DRD:   03/17/2004                 ****
****
****              SCREEN DATE: 3/17/04             ****
****
****              SCREENER:  FR                   ****
****
**** THIS PROGRAM WAS RUN ON : 03/17/2004          ****
****
****              AT : 10:37                        ****
****
****              REFERENCE 1:                      ****
****
****              REFERENCE 2:                      ****
****
**** THIS ASF HAS 3108 LINES.                      ****
****
*****
*****
*****
```

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

4

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:

MAILDATE2:

```
*****
*****
*****
****
****      SCREENING PACKAGE      ****
****      SUMMARY INFORMATION      ****
****
****      ILM05.2
****      AES
****
****      SDG: MA1C59
****
****      CASE: 32635
****
****      LAB: BONNER
****
****      CONTRACT: 68W02067
****
****      REGION: 1
****
****      DRD: 03/17/2004
****
****      SCREEN DATE: 3/17/04
****
****      SCREENER: FR
****
****      THIS PROGRAM WAS RUN ON : 03/17/2004
****
****      AT : 10:37
****
****      REFERENCE 1:
****
****      REFERENCE 2:
****
****      THIS ASF HAS 3108 LINES.
****
****
*****
*****
*****
```

5

MAILDATE2:

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

6

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1:

MAILDATE2:

LAB RECEIVED DATE BY SAMPLE

SAMPLE	LAB RECEIVED DATE
MA1C59 ✓	03/04/2004
MA1C60 ✓	03/04/2004
MA1C61 ✓	03/04/2004
MA1C62 ✓	03/04/2004



U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

8

DRD:03/17/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C59 MAILDATE1: MAILDATE2:

CRITERION	COMMENTS

3

PC SC 32604

THIS REPORT SUMMARIZES BY SAMPLE THE TECHNICAL DEFECTS NOTED ON THE LABORATORY DATA SUBMISSION. THE "AN" ("ANALYZED") COLUMNS SHOW WHETHER THE SAMPLE WAS (Y) OR WAS NOT (NA) ANALYZED. NUMBERS IN THE "AN" OR "EX" ("EXTRACTION") COLUMNS INDICATE THE DAYS BY WHICH THE SAMPLE VIOLATED THE HOLDING TIME. NUMBERS IN THE "TECHNICAL/MANUAL DEFECTS" COLUMNS SHOW THE NUMBER OF NON-COMPLIANCE DEFECTS NOTED FOR A SAMPLE WITH REFERENCE TO A SPECIFIC CRITERION.

CAUTION: THE DEFECTS IDENTIFIED BELOW MAY MASK OTHER DEFECTS WITHIN THE DATA.

CASE: 32635	CONTRACT: 68W03018	SAMPLES: 8	DATE RECEIVED: 03/23/2004
LAB CODE: CEIMIC		SAS NO.:	
SDG NO: A1C53		REGION: 1	MAIL DATE (1): 03/26/2004

[illegible]

.

EXPLANATORY NOTES

| THIS REPORT SUMMARIZES BY SAMPLE THE TECHNICAL DEFECTS NOTED ON THE HARDCOPY DATA PACKAGE. THE "AN" ("ANALYZED")
| COLUMNS SHOW WHETHER THE SAMPLE WAS (Y) OR WAS NOT (NA) ANALYZED. NUMBERS IN THE "AN" OR "EX" ("EXTRACTION") COLUMNS INDICATE
| THE DAYS BY WHICH THE SAMPLE VIOLATED THE HOLDING TIME. NUMBERS IN THE "TECHNICAL/MANUAL DEFECTS" COLUMNS SHOW THE NUMBER OF
| NON-COMPLIANCE DEFECTS NOTED FOR A SAMPLE WITH REFERENCE TO A SPECIFIC CRITERION.

CASE: 32635
LAB CODE: CEIMIC
SDG NO: A1C53

CONTRACT: 68W03018

SAMPLES: 8

SAS NO.:

REGION: 1

DATE RECEIVED: 03/23/2004

MAIL DATE (1): 03/26/2004

[illegible]

5

LAB: CEIMIC SDG: A1C53

CCS SCREENING RESULT OF SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

6

THIS REPORT IS A SUMMARY OF THE SCREENERS COMMENTS REGARDING THE TECHNICAL AND MANUAL DEFECTS FOUND
IN THIS SDG.

LABORATORY CODE : CEIMIC
REGION : 1
DATE MAILED :

CASE: 32635
SDG_NO. : ALC53

DATE RECEIVED : 23MAR2004

SAMPLE	FRACTION	CRITERION	COMMENTS
		*	Target compounds reported on Form 1D are also reported as non-target compounds (TICs) on Form 1G, as for instance Benzo(k)fluoranthene in sample ALC54.
		*	Labels for 1,2-Dichlorobenzene-d4 and 2-Chlorophenol-d4 are missing on all the RICs for all samples although on Form II the percent recoveries for the diluted samples peaks are within QC limits and there are distinctive peaks for these surrogates on the RICs.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

7

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

8

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

2

MODIFIED/ENHANCED CCS DEFECT LIST

CCS SCREENING RESULT OF SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

The Web-CCS software is available on the world wide web at
<http://mssiis2.dynacorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-4302
IF YOU HAVE ANY QUESTIONS.

Some defects have been modified/enhanced in the CCS automated screening system. CLP laboratories are allowed a two-week grace period to make necessary changes for future submissions. If any of these defects are applicable to this SDG, they will be listed in the CCS Notification section following the defect detail.

Defect	Grace Period Expires	Defect Message
N/A		

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

1

CCS SCREENING RESULT OF SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

```
*****
*****
*****
****
****      S C R E E N I N G   P A C K A G E      ****
****      S U M M A R Y   I N F O R M A T I O N    ****
****
****      ==   O L M 0 4   ==                      ****
****
****      S D G :   A 1 C 5 3                      ****
****
****      C A S E :   3 2 6 3 5                    ****
****
****      L A B :   C E I M I C                    ****
****
****      C O N T R A C T :   6 8 W 0 3 0 1 8      ****
****
****      R E G I O N :   1                        ****
****
****      F L E X   P E R C E N T A G E :   .      ****
****
****      D R D :   0 3 / 2 3 / 2 0 0 4            ****
****
****      S D G   R E C E I P T   D A T E :   0 3 / 1 0 / 2 0 0 4  ****
****
****      M A I L   D A T E   1 :   0 3 / 2 6 / 2 0 0 4  ****
****
*****
*****
*****
```


CASE: 32635
LAB CODE: CEIMIC
SDG No: A1C53

SCREENER: JP/VA

DATE RECEIVED: 3/23/04

DATE SCREENED: 3/24/04

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

8

== FILE SKELETON ==

Obs	FRAC	SAMPLE	QC	SQ	LEVEL	MATRIX	DILUT	ANALYSIS DATE	ANAL. TIME	LAB FILE/ SAMP_ID	COL_ID	INSTID	MB_FID	SB_FID	REC_REF	RUN
1	BNA		MNC			0					ZB5	MS11			000032A41	1
2	BNA	DFTPP	LPC			0		04-02-10	11:43	K6764	ZB5	MS11			00077ADC2	1
3	BNA	SSTD020K9	CLM			0		04-02-10	12:51	K6766	ZB5	MS11			0008101C1	1
4	BNA	SSTD080K9	CLM			0		04-02-10	13:24	K6767	ZB5	MS11			00169F987	1
5	BNA	SSTD160K9	CLM			0		04-02-10	15:39	K6771	ZB5	MS11			00257FABE	1
6	BNA	SSTD120K9	CLM			0		04-02-10	16:13	K6772	ZB5	MS11			003450916	1
7	BNA	SSTD050K9	CLM			0		04-02-10	16:46	K6773	ZB5	MS11			004331686	1
8	BNA	DFTPP	LPC			0		04-03-15	11:40	K7207	ZB5	MS11			0052115A9	1
9	BNA	SSTD050KN	CLC			0		04-03-15	12:01	K7208	ZB5	MS11			0052569CB	1
10	BNA	SBLKKW	LRB	LOW	SOIL	1		04-03-15	21:56	K7229	ZB5	MS11			00613BAAE	1
11	BNA	DFTPP	LPC			0		04-03-16	9:02	K7233	ZB5	MS11			007066666	1
12	BNA	SSTD050KO	CLC			0		04-03-16	9:23	K7234	ZB5	MS11			00710BA8E	1
13	BNA	A1C53		LOW	SOIL	5		04-03-16	16:42	K7249	ZB5	MS11	K7229		007980959	1
14	BNA	A1C55		LOW	SOIL	10		04-03-16	17:12	K7250	ZB5	MS11	K7229		00891CF20	1
15	BNA	DFTPP	LPC			0		04-03-17	10:23	K7259	ZB5	MS11			0099624E6	1
16	BNA	SSTD050KP	CLC			0		04-03-17	10:44	K7260	ZB5	MS11			010007919	1
17	BNA	A1C54		LOW	SOIL	5		04-03-17	16:53	K7273	ZB5	MS11	K7229		01088C79A	1
18	BNA	A1C56		LOW	SOIL	10		04-03-17	17:22	K7274	ZB5	MS11	K7229		012027E7F	1
19	BNA	A1C57	LSD	LOW	SOIL	5		04-03-17	17:50	K7275	ZB5	MS11	K7229		01304AC49	1
20	BNA	A1C57MS	LF1	LOW	SOIL	5		04-03-17	18:19	K7276	ZB5	MS11	K7229		01418608C	1
21	BNA	A1C57MSD	LF2	LOW	SOIL	5		04-03-17	18:47	K7277	ZB5	MS11	K7229		01508124C	1
22	BNA	A1C58		LOW	SOIL	5		04-03-17	19:16	K7278	ZB5	MS11	K7229		01598C533	1



USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Cooler No. EPA AG010274

Case No:	32635
DAS No:	A1C37/
SDG No:	A1C59/A1C58 ³ L
For Lab Use Only	EA 3/11/04
Lab Contract No:	68W03018
Unit Price:	5/1
Transfer To:	JM 03/10/04
Lab Contract No:	
Unit Price:	

Date Shipped:	3/9/2004
Carrier Name:	FedEx
Airbill:	840046580899
Shipped to:	Celmic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900

Chain of Custody Record	
Relinquished By	(Date / Time)
1	JM 3/9/04 1100
2	
3	
4	Joanna Mayusho 3/10/04 9:30

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1C52 O	Soil (>12")	M/G	BNA/PEST (21)	193983 (Ice Only) (1)	SO-16	S: 3/8/2004	12:30	MA1C52	
A1C53	Soil (>12")	M/G	BNA (21)	193986 (Ice Only) (1)	SO-17	S: 3/8/2004	13:45	MA1C53	
A1C54	Soil (>12")	M/G	BNA (21)	193989 (Ice Only) (1)	SO-18	S: 3/8/2004	13:45	MA1C54	
A1C55	Soil (>12")	M/G	BNA (21)	193991 (Ice Only) (1)	SO-19	S: 3/8/2004	14:45	MA1C55	
A1C56	Soil (>12")	M/G	BNA (21)	193993 (Ice Only) (1)	SO-20	S: 3/8/2004	13:00	MA1C56	
A1C57	Soil (>12")	M/G	BNA (21)	193995 (Ice Only), 193996 (Ice Only), 193997 (Ice Only) (3)	SO-21	S: 3/8/2004	15:15	MA1C57	
xx A1C58	Soil (>12")	M/G	BNA (21)	194000 (Ice Only) (1)	SO-22	S: 3/8/2004	14:20	MA1C58	
* A1C64	Field QC	M/G	BNA/PEST (21)	190532 (Ice Only), 190533 (Ice Only), 190534 (Ice Only), 190535 (Ice Only) (4)	RB-05	S: 3/8/2004	16:15	MA1C64	

* last sample in SDG A1C59

xx last sample in SDG A1C58³ EA 3/11/04

O = last sample in SDG A1C37

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: A1C57	Additional Sampler Signature(s)	Cooler Temperature Upon Receipt	Chain of Custody Seal Number: JM 03/10/04
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? 704	Shipment Iced? —
BNA = CLP TCL Semivolatiles, BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC				

TR Number: 1-520220259-030804-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4200

* BNA only

ORGANIC MANUAL DEFECT MESSAGE FOR OLM04.X SOWs

Lab Code: Ceimc
Case No.: 32635
SDG No.: AIC 53
QC Chemist: UA

DRD: 3/23/04
Date Screened: 3-24-2004
Chemist: JP
Complete Date: 3-24-04 CM 3/25

Flex Clause Analysis Performed? Please check which apply.

NA

VOA	YES___	NO <u>NA</u>
<u>BNA</u>	YES___	NO <u>X</u>
PEST	YES___	NO <u>NA</u>

Volatiles Fraction

All manual criteria met? Yes___ No___

Criterion VG : System Monitoring Compound Recoveries

VG.1 Form [12A/2B] is not submitted for [1Sample/2Blank]

Def. Code/Samples affected: _____

VG.4 Form 2B is not submitted for [1Sample/2Blank] at each concentration level.

Def. Code/Samples affected: _____

Criterion VH. : Matrix Spike /Matrix Spike Duplicate

VH.1 Form [13A/23B] was not submitted.

Def. Code/Samples affected: _____

Criterion VC : Blanks

VC.1 Form 4A is not submitted.

Def. Code/Samples affected: _____

Criterion VB : Instrument Performance Check

VB.1 Form 5A was not submitted.

Def. Code/Samples affected: _____

VB.6 [¹Date of Analysis/²Tme of Analysis/³Instrument ID/⁴Lab File ID] is
[¹missing/²incorrect] on [¹Mass Listing/²Bar Graph Spectrum/³RIC] for BFB.

Def. Code/Samples affected: _____

VB.7 [¹Samples/²Blanks/³Standards] are not listed on Form 5A in chronological order by date
and time of analysis . Def. Code/Samples affected: _____

VB.9 [¹Mass listing/²Bar Graph Spectrum/³RIC] is missing for associated Instrument
Performance Check.

Def. Code/Samples affected: _____

Criterion VF : Internal Standards

VF.1 Form 8A was not submitted for [¹Sample/²Blank].

Def. Code/Samples affected: _____

Criterion VI : Analytical Results, RICs, Spectra, Quantitation Reports, and TR Copies

VI.1 Form [¹1A/²1B] was not submitted for [¹Sample/²Blank].

Def. Code/Samples affected: _____

VI.2 Header information on Form(s) [¹is missing/²has incorrect] [¹Lab Name/²Lab
Code/³Contract Number/⁴Case Number/⁵SDG Number/⁶EPA Sample Number].

Def. Code/Samples affected: _____

VI.12 [¹RICs/²Spectra/³Quantitation Reports] are not submitted for [¹Samples/²Blanks].
Def. Code/Samples affected: _____

VI.13 [¹RICs/²Quantitation Reports] are not submitted for [¹MS/²MSD].
Def. Code/Samples affected: _____

VI.14 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶ Labels for Internal Standards and System Monitoring Compounds] is [¹missing/²incorrect] on RICs for [¹Sample/²Blank]. Def code/Samples affected: _____

VI.15 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶Compound Name] is [¹missing/²incorrect] on spectra for [¹Sample/²Blank]. Def code/Samples affected: _____

VI.16 Form 1F was not submitted for [¹Sample/²Blanks].
Def code/Samples affected: _____

VI.19 TIC spectra for [¹Sample/²Blank] is missing.
Def code/Samples affected: _____

- VI.20 [¹EPA Sample Number/²Lab File ID/³Date of Analysis/⁴Time of Analysis/⁵Instrument ID/⁶Compound Name] is [¹missing/²incorrect] on TIC spectra for [¹Sample/²Blank].
Def code/Samples affected: _____

- VI.22 TR is not [¹submitted/²legible]
Def code/Samples affected: _____

- VI.23 [¹Date Received/²Recipient Signature/³SDG Number/⁴Lab Code] is [¹incorrect/²not present] on Traffic Report. Def Code/Samples affected: _____

- VI.24 [¹Date Received/²Case Number/³SDG Number/⁴Lab Code] on TR is not the same as reported for the samples. Def Code/Samples affected: _____

- VI.25 SDG Narrative was not submitted.
Def Code/Samples affected: _____

- VI.26 [¹Laboratory Name/²Case Number/³SDG Number/⁴Contract Number/⁵EPA Sample Number] is [¹missing/²incorrect] in the SDG Narrative.
Def Code/Samples affected: _____

- VI.27 [¹Signature/²Date] is missing in the SDG Narrative
Def Code/Samples affected: _____

- VI.28 Pages are missing in hardcopy of data.
Def Code/Samples affected: _____

- VI.29 TIC compound is reported as unknown when library search indicates a match at or above 85%. Def Code/Samples affected: _____

Criterion VD : Initial Calibration

VD.1 Form [16A/26B] was not submitted.

Def Code/Samples affected: _____

VD.9 [1RIC/2Quantitaion] Report is missing for initial calibration standard for RRF [110/220/350/4100/5200].

Def Code/Samples affected: _____

VD.10 [1EPA Sample Number/2Analysis Date/3Analysis Time/4Instrument ID/5 Lab File ID/6 Labels for Internal Standard and/or System Monitoring Compound(s)] for initial calibration standard for RRF [110/220/350/4100/5200] is [1missing/2incorrect] on [1RIC/2Quatitation Report].

Def Code/Samples affected: _____

Criterion VE : Continuing Calibration

VE.1 Form[17A/27B] was not submitted.

Def Code/Samples affected: _____

VE.8 [1RIC/2Quatitation Report] for continuing calibration standards are not submitted.

Def Code/Samples affected: _____

VE.9 [¹EPA Sample Number/²Date of Analysis /³Time of Analysis/⁴Instrument ID/⁵ Lab File ID/⁶ Labels for Internal Standard and System Monitoring Compound(s) is [¹missing/²incorrect] on [¹RIC/²Quantitation Reports] for continuing calibration standards. Def Codes/Samples affected: _____

Semivolatiles Fraction

All manual criteria met? Yes X No ~~X~~

Criterion BG : Surrogate Recoveries

BG.1 Form [¹2C/²2D] was not submitted for [¹Sample/²Blank].

Def Code/Samples affected: _____

BG.3 Form 2D was not submitted for each concentration level.

Def Code/Samples affected: _____

Criterion BH : Matrix Spike/Matrix Spike Duplicate

BH.1 Form [¹3C/²3D] was not submitted.

Def Code/Samples affected: _____

Criterion BC : Blanks

BC.1 Form 5B was not submitted

Def Code/Samples affected: _____

Criterion BB : Instrument Performance Check

BB.1 Form 4B was not submitted. Def Code/Samples affected: _____

BB.4 [¹Samples/²Blanks/³Standards] are not listed on Form 5B in chronological order by date and time of analysis. Def. Code/Samples affected: _____

BB.8 [¹Mass Listing/²Bar Graph Spectrum/³RIC] is missing for associated Instrument Performance Check of the Tune. Def Code/Samples affected: _____

BB.9 [¹Date of Analysis/²Time of Analysis/³ Instrument ID/⁴Lab File ID] is [¹missing/²incorrect] on [¹Mass Listing/²Bar Graph spectrum/³RIC] for DFTPP.
Def Code/Samples affected: _____

Criterion BF : Internal Standards

BF.1 Form[¹8B/²8C] was not submitted for [¹Sample/²Blanks]. Def. Code/Samples affected:____

Criterion BI : Analytical Results, RICs, Spectra, Quantitation Reports, and TR Copies

BI.1 Form[¹1C/²1D] was not submitted for [¹Sample/²Blank].
Def. Code/Samples affected:_____

BI.2 Header information on Form(s) [¹is missing/²has incorrect] [¹Lab Name/²Lab Code/³Contract Number/⁴Case Number/⁵SDG Number/⁶Instrument ID/⁷EPA Sample Number].
Def. Code/Samples affected:_____

BI.12 [¹RICs/²Spectra/³Quantitation Reports] are not submitted for [¹Samples/²Blanks].
Def. Code/Samples affected:_____

BI.13 [¹RICs/²Quantitation Reports] are not submitted for [¹MS/²MSD].
Def. Code/Samples affected:_____

BI.14 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶Labels for Internal Standards/or Surrogate] is [¹missing/²incorrect] on RICs for [¹Sample/²Blank]. Def code/Samples affected: BI.14.6.I.1-A1E53

BI.15 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶Compound Name] is [¹missing/²incorrect] on spectra for [¹Sample/²Blank].
Def code/Samples affected:_____

BI.17 Form 1G was not submitted for [¹Sample/²Blanks].
Def code/Samples affected:_____

P. 27
1,2-dichloro-
benzene-
d4
+
2-chloro-
phenol-
d4
QC
R. T. 4.696
+
5.000

- BI.20 TIC spectra for [¹Sample/²Blank] is missing.
Def code/Samples affected: _____

- BI.21 [¹EPA Sample Number/²Lab File ID/³Date of Analysis/⁴Time of Analysis/⁵Instrument ID/⁶Compound Name] is [¹missing/²incorrect] on TIC spectra for [¹Sample/²Blank].
Def code/Samples affected: _____

- BI.23 TR is not [¹submitted/²legible]
Def code/Samples affected: _____

- BI.24 [¹Date Received/²Recipient Signature/³SDG Number] is [¹incorrect/²not present] on Traffic Report.
Def Code/Samples affected: _____

- BI.25 [¹Date Received/²Case Number/³SDG Number/⁴Lab Code] on TR is not the same as reported for the samples. Def Code/Samples affected: _____

- BI.26 SDG Narrative was not submitted.
Def Code/Samples affected: _____

- BI.27 [¹Laboratory Name/²Case Number/³SDG Number/⁴Contract Number/⁵EPA Sample Number] is [¹missing/²incorrect] in the SDG Narrative.
Def Code/Samples affected: _____

- BI.28 [¹Signature/²Date] is missing in the SDG Narrative
Def Code/Samples affected: _____

- BI.29 Pages are missing in hardcopy of data.
Def Code/Samples affected: _____

BI.30 TIC compound is reported as unknown when library search indicates a match at or above 85%.

Def Code/Samples affected: _____

BI.31 UV traces for the two most recent GPC calibration/ continuing calibration verifications are not submitted.

Def. Code/Samples affected: _____

BI.32 The retention time shift between GPC calibration/continuing calibrations verifications is greater than 5.0%.

Def. Code/Samples affected: _____

Criterion BD: Initial Calibration

BD.1 Form [16C/26D] was not submitted.

Def Code/Samples affected: _____

BD.8 [1RIC/2Quantitaion Report] is missing for initial calibration standard for RRF [120/250/380/4120/5160].

Def Code/Samples affected: _____

BD.9 [1EPA Sample Number/2Analysis Date/3Analysis Time/4Instrument ID/5Lab File ID/6Label for Internal Standard and/or Surrogate] for initial calibration standard for RRF [120/250/380/4120/5160] is [1missing/2incorrect] on [1RIC/2Quatitation Report].

Def. Code/Samples affected: _____

Criterion BE: Continuing Calibration

BE.1 Form[17C/27D] was not submitted.

Def. Code/Samples affected: _____

BE.6 [1RIC/2Quatitation Report] for continuing calibration standards are not submitted.

Def Code/Samples affected: _____

BE.7 [¹EPA Sample Number/²Date of Analysis /³Time of Analysis/⁴Instrument ID/⁵ Lab File ID/⁶ Labels for Internal Standard and Surrogate Compound(s) is [¹missing/²incorrect] on [¹RIC/²Quantitation Reports] for continuing calibration standards. Def Codes/Samples affected: _____

MA

Pesticides Fraction

All manual criteria met? Yes____ No____
Was GC/MS conformation required? Yes____ No____
If yes, was it performed? Yes____ No____
Note: If no apply the appropriate defect codes.

Criterion PE : Surrogate Recovery and Retention Time

PE.1 Form[¹2E/²2F] was not submitted.
Def. Code/Samples affected:_____

Criterion PF : Pesticide Matrix Spike/ Matrix Spike Duplicate Recovery

PF.1 Form[¹3E/²3F] was not submitted.
Def. Code/Samples affected:_____

Criterion PB : Blanks

PB.1 Form 4C was not submitted
Def. Code/Samples affected:_____

Criterion PO : Analytical Results, Chromatograms, and TR Copies

PO.1 Form 1E was not submitted for [¹Sample/²Blank].
Def. Code/Samples affected:_____

PO.2 Header information on Form(s) [¹is missing/²has incorrect] [¹Lab Name/²Lab Code/³Contrat Number/⁴Case Number/⁵SDG Number/⁶EPA Sample Number].
Def. Code/Samples affected:_____

PO.12 The lower value of the two concentration from Pesticide/ Aroclor Identification is not reported for [¹Sample/²Blank]. Def. Code/Samples affected:_____

PO.14 [¹Chromatograms/²Integration Reports or Data System Printout] are not submitted for [¹Sample/²Blanks/³Standards].
Def. Code/Samples affected:_____

PO.15 Data system printout/Integration Report [¹is missing/²has incorrect], [¹EPA Sample Number/²RT/³Peak Height or Area].

Def. Code/Samples affected: _____

PO.16 [¹EPA Sample Number/²Volume Injected /³Date of Injection/⁴Time of Injection/⁵Column ID/⁶Instrument ID/⁷Name Compounds for Positively Identified Compounds/⁸Scaling Factor] is [¹missing/²incorrect] on chromatograms for [¹Samples/²Blanks/³Standards].

Def code/Samples affected: _____

PO.17 TR was not [¹submitted/²legible]

Def code/Samples affected: _____

PO.18 [¹Date Received/²Recipient Signature/³SDG Number] is [¹incorrect/²not present] on Traffic Report. Def Code/Samples affected: _____

PO.19 [¹Date Received/²Case Number/³SDG Number/⁴Lab Code] on TR is not the same as reported for the samples. Def Code/Samples affected: _____

PO.20 SDG Narrative was not submitted.

Def Code/Samples affected: _____

PO.21 [¹Laboratory Name/²Case Number/³SDG Number/⁴Contract Number/⁵EPA Sample Number] is [¹missing/²incorrect] in the SDG Narrative.

Def Code/Samples affected: _____

PO.22 [¹Signature/²Date] is missing in the SDG Narrative

Def Code/Samples affected: _____

PO.23 Pages are missing in hardcopy of data.

Def Code/Samples affected: _____

PO.24 GC/MS confirmation was not performed for sample.

Def. Code/Samples affected: _____

PO.25 [¹RICs/²Spectra] is not submitted for GC/MS confirmation of pesticide/PCB compound(s).

Def. Code/Samples affected: _____

PO.26 [¹EPA Sample Number/²Compound Name or CAS Number] is missing on spectra for GC/MS confirmation. Def Code/Samples affected: _____

Criterion PC : Initial Calibration of Single Component Analytes

PC.1 Form [¹6E/²6F] was not submitted.

Def. Code/Samples affected: _____

Criterion PCII : Initial calibration of Multi-Component Analytes

PCII.1 Form 6G was not submitted.

Def. Code/Samples affected: _____

Criterion PCIII : Pesticide Analyte Resolution Summary

PCIII.1 Form 6H was not submitted.

Def. Code/Samples affected: _____

Criterion PCIV : Resolution

PCIV.1 Form [¹6I/²6J/³6K] was not submitted.

Def. Code/Samples affected: _____

PCIV.3 [¹GC Column/²GC Internal Diameter /³Instrument ID/⁴EPA Sample No. /⁵Date Analyzed/⁶Time Analyte] is missing for column [¹1/²2] on form 6I.
Def code/Samples affected:_____

PCIV.4 [¹Analyte/²RT/³Resolution] is missing for column [¹1/²2] on Form 6I.
Def code/Samples affected:_____

PCIV.6 [¹GC Column/²GC Internal Diameter /³Instrument ID/⁴EPA Sample No. /⁵Date Analyzed/⁶Time Analyzed] is missing for column [¹1/²2] on form 6J.
Def code/Samples affected:_____

PCIV.7 [¹Analyte/²RT/³Resolution] is missing for column [¹1/²2] on Form 6J.
Def code/Samples affected:_____

PCIV.9 [¹GC Column/²GC Internal Diameter /³Instrument ID/⁴EPA Sample No. /⁵Date Analyzed/⁶Time Analyzed] is missing for column [¹1/²2] on form 6K.
Def code/Samples affected:_____

PCIV.10 [¹Analyte/²RT/³Resolution] is missing for column [¹1/²2] on Form 6K.
Def code/Samples affected:_____

PCIV.11 Single component pesticides and surrogate peaks do not have a % Resolution of $\geq 90\%$ for PEMs on both columns. Def. Code/Samples affected:_____

PCIV.12 Resolution of any two adjacent peaks in the mid-point concentrations of Individual standard Mixtures A and B is not $\geq 90\%$ on both columns.
Def. Code/Samples affected:_____

PCIV.13 Analytes are not listed in retention time order on Form [¹6I/²6J /³6K].
Def. Code/Samples affected:_____

Criterion PD : Pesticide Calibration Verification Summary

PD.1 Form [¹7E/²7F] was not submitted.

Def. Code/Samples affected: _____

Criterion PH : Pesticide Analytical Sequence

PH.1 Form 8D was not submitted.

Def. Code/Samples affected: _____

Criterion PM : Extract Cleanup Procedures (Florisol)

PM.1 Form 9A was not submitted.

Def. Code/Samples affected: _____

PM.5 EPA Sample Number is missing for each [¹Sample/²Blank/³MS/⁴MSD] associated with a Florisol cartridge. Def Code/Samples affected: _____

Criterion PMII : Extract Clean up Procedures (GPC)

PMII.1 Form 9B was not submitted.

Def. Code/Samples affected: _____

Criterion PN : Pesticide Identification Summary for Single Component/Multi Component Analytes

PN.1 Form [¹10A/²10B] was not submitted.

Def Code/Samples affected: _____

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

2

CCS SCREENING RESULT OF DISKETTE, BASE PERIOD

```
*****
*****
*****
****          SCREENING PACKAGE          ****
****          SUMMARY INFORMATION          ****
****          ==      OLM04      ==          ****
****          SDG: A1C53          ****
****          CASE: 32635          ****
****          LAB: CEIMIC          ****
****          CONTRACT: 68W03018          ****
****          REGION: 1          ****
****          FLEX PERCENTAGE: .          ****
****          DRD: 03/23/2004          ****
****          SDG RECEIPT DATE: 03/10/2004          ****
****          SCREEN DATE: 3/24/24          ****
****          MAIL DATE 1:          ****
****          SCREENER:          ****
****          THIS PROGRAM WAS RUN ON : 03/23/2004          ****
****          AT : 11:18.42          ****
****          ****
****          CHEMIST COPY (CURRENT PC-CCS IS 1.5 ON 02/99)          ****
****          SITE ID = 0045713001          ****
****          ASF NAME = SMOM.OLM3.CEIMIC.A1C53.D032304.A          ****
****          ASF LINES = 1,708          ****
****          ****
*****
*****
```

04

3-24

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

3

CCS SCREENING RESULT OF DISKETTE, BASE PERIOD

```
*****
*****
*****
****
****      SCREENING PACKAGE      ****
****      SUMMARY INFORMATION      ****
****
****      ==      OLM04      ==      ****
****
****      SDG: A1C53      ****
****
****      CASE: 32635      ****
****
****      LAB: CEIMIC      ****
****
****      CONTRACT: 68W03018      ****
****
****      REGION: 1      ****
****
****      FLEX PERCENTAGE: .      ****
****
****      DRD: 03/23/2004      ****
****
****      SDG RECEIPT DATE: 03/10/2004      ****
****
****      SCREEN DATE: 3/24/04      ****
****
****      MAIL DATE 1: TPD      ****
****
****      SCREENER: TPD      ****
****
****      THIS PROGRAM WAS RUN ON : 03/23/2004      ****
****
****      AT : 11:18:42      ****
****
****
**** CHEMIST COPY (CURRENT PC-CCS IS 1.5 ON 02/99) ****
**** SITE ID = 0045713001 ****
**** ASF NAME = SMOM.OLM3.CEIMIC.A1C53.D032304.A ****
**** ASF LINES = 1,708 ****
****
*****
*****
```

U.S.E.P.A CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE -OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

4

LAB RECEIPT DATES BY SAMPLE
**** THIS REPORT SHOWS DISCREPANCIES IN LABORATORY RECEIPT DATE (LRD) BETWEEN FRACTIONS OF A SAMPLE. ****
PLEASE CHECK TO MAKE SURE THESE DATES ARE CORRECT

----- LAB=CEIMIC SDG=A1C53 DRD=23MAR2004 -----

SAMPLE	LAB RECEIPT DATE VOLATILES	LAB RECEIPT DATE SEMIVOLATILES	LAB RECEIPT DATE PESTICIDES
A1C53		10MAR2004	
A1C54		10MAR2004	
A1C55		10MAR2004	
A1C56		10MAR2004	
A1C57		10MAR2004	
A1C57MS		10MAR2004	
A1C57MSD		10MAR2004	
A1C58		10MAR2004	

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

5

MODIFIED/ENHANCED CCS DEFECT LIST

CCS SCREENING RESULT OF DISKETTE, BASE PERIOD

The Web-CCS software is available on the world wide web at
<http://mssiiis2.dynacorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-4302
IF YOU HAVE ANY QUESTIONS.

Some defects have been modified/enhanced in the CCS automated screening system. CLP laboratories are allowed a two-week grace period to make necessary changes for future submissions. If any of these defects are applicable to this SDG, they will be listed in the CCS Notification section following the defect detail.

Defect	Grace Period Expires	Defect Message
-----	-----	-----
N/A		

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
 SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
 ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

7

DEFECT FREQUENCY REPORT

THIS REPORT PROVIDES A STATISTICAL SUMMARY OF THE DEFECTS PRESENT IN THIS SDG.

LAB: CEIMIC SDG: A1C53

			NUMBER OF DEFECTS	PERCENT OF TOTAL DEFECTS
FRACTION	CRITERIA	DEFECT MESSAGE		
SEMI	BH.8.1	MS %Recovery is outside QC limits. (Exhibit D SVOA Sec. 12.2.6.6)	1	50.00
	BH.8.2	MSD %Recovery is outside QC limits. (Exhibit D SVOA Sec. 12.2.6.6)	1	50.00
TOTAL			2	100.00

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

9

DEFECT DETAIL

LAB:CEIMIC SDG:A1C53 DRD:03/23/2004

CRIT	SAMPLE	CAS #	CURRENT-VALUE	CORRECT-VALUE
	-----BNA-(BEGIN)			
BH.8.1	✓ MS %Recovery is outside QC limits. (Exhibit D SVOA Sec. 12.2.6.6)			
	* A1C57MS	83329	209 X	31 - 137
	A1C57MS	129000	1000	35 - 142
BH.8.2	/ MSD %Recovery is outside QC limits. (Exhibit D SVOA Sec. 12.2.6.6)			
	* A1C57MSD	83329	150	31 - 137
	A1C57MSD	129000	636	35 - 142

10

CASE: 32635
LAB CODE: CEIMIC
SDG NO: A1C53

CONTRACT: 68W03018

SAMPLES: 8
SAS NO.:
REGION: 1

SCREENER:

DATE RECEIVED 03/23/2004

[illegible]

:

SC 324-64

[illegible]

4

TECHNICAL DEFECT FREQUENCY REPORT
THIS REPORT PROVIDES A STATISTICAL SUMMARY OF THE TECHNICAL DEFECTS PRESENT IN THIS SDG.
TEXTUAL/MANUAL DEFECT REPORT

|THIS REPORT SUMMARIZES DEFECT MESSAGES. INFORMATION IN PARENTHESES AT THE END OF A DEFECT MESSAGE REFERENCES THE SOW
|PAGE NUMBER WHERE THE REQUIREMENTS ORIGINATED. FOLLOWING THE DEFECT MESSAGE IS A LIST OF ALL AFFECTED SAMPLES.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

5

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C40 MAILDATE1:03/24/2004 MAILDATE2:

CRITERION	COMMENTS

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

6

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C40 MAILDATE1:03/24/2004 MAILDATE2:

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

7

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C40 MAILDATE1:03/24/2004 MAILDATE2:

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

8

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C40 MAILDATE1:03/24/2004 MAILDATE2:

Path Name

SMOM.ILM4.BONNER.MA1C40.I032204.DMCOPY
<-CHOP->

----- CASE=32635 CONTRACT=68W02067 SDG=MA1C40 LABCODE=BONNER -----

SAMPLE	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	CCS TOTAL	TIP TOTAL
LCSS	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C40	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C44	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C45	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C46	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C46D																								CN	0	22
REQUIRED																								Y		
ANALYZED																								Y		
PROCESSED																								Y		
MA1C46S																								CN	0	22
REQUIRED																								Y		
ANALYZED																								Y		
PROCESSED																								Y		
MA1C47	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C48	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C49	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		

HG AND CN ARE NOT INCLUDED IN THE TOTALS

SPIKES AND DUPS TOTAL ANALYTES WILL AUTOMATICALLY BE COUNTED LIKE THE PARENT FIELD SAMPLE FOR TIP PURPOSES.

ANALYTE REPORT

10

----- CASE=32635 CONTRACT=68W02067 SDG=MA1C40 LABCODE=BONNER -----

(continued)

SAMPLE	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	CCS TOTAL	TIP TOTAL
MA1C52	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C53	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN		22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
MA1C54	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN		22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
MA1C55	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN		22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
MA1C56	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN		22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
MA1C57	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN		22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
MA1C57D	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN		22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
MA1C57S	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN		22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
MA1C58	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN		22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			

HG AND CN ARE NOT INCLUDED IN THE TOTALS

SPIKES AND DUPS TOTAL ANALYTES WILL AUTOMATICALLY BE COUNTED LIKE THE PARENT FIELD SAMPLE FOR TIP PURPOSES.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

2

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C40 MAILDATE1:03/24/2004 MAILDATE2:
THE WEB-CCS SOFTWARE IS AVAILABLE ON THE WORLD WIDE WEB AT
<http://mssiis2.dynacorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-43023
IF YOU HAVE ANY QUESTIONS.

Manual Review Defects for ILM05.2
(Semi-automated)

page ___ of ___

Flex Clause Yes ___ No ☒

SDG Number: MAIC40

Review Chemist: A. J.

Review Date: 3/22/04

Lab Code: BONIER

QC Chemist: AM

QC Date: 3-22-2004

- MD1** Compliance cannot be determined, raw data not present. (B-2.5.2.3.5) For: Tunes¹; Calibration²; ICB³; ICB⁴; CCV⁵; CCB⁶; CRI⁷; ICSA/ICSAB⁸; PBW/PBS⁹; LCSW/LCSS¹⁰; Matrix Spike¹¹; Post-digestion Spike¹²; Duplicate¹³; Serial Dilution¹⁴; Field Sample¹⁵; Start/End Time¹⁶.
- MD3** Analysis in raw data is missing on Form 13. (B-3.4.17.1.2) For: Tunes¹; Calibration²; ICB³; ICB⁴; CCV⁵; CCB⁶; CRI⁷; ICSA/ICSAB⁸; PBW/PBS⁹; LCSW/LCSS¹⁰; Matrix Spike¹¹; Post-digestion Spike¹²; Duplicate¹³; Serial Dilution¹⁴; Field Sample¹⁵.
- MD4.1** Traffic Report is missing. (B-2.4)
- MD4.2** Traffic Report is missing date received. (B-2.4)
- MD4.3** Traffic Report is missing laboratory signature. (B-2.4) Sc
3-23-04
- MD5** Preparation log is missing. (B-2.5.2.4)
- MD6** Compliance cannot be determined - Date received on the Traffic Report is not the same as reported on Form(s) 1. (B-3.4.2.2.1)
- MD7** Form(s) 1¹, 7², 9³, 10⁴, 12⁵, 13⁶, 14⁷, 15⁸ is (are) missing. (B-2.5.2.2.1)
- MD8** Form(s) 2¹, 3², 4³, 5⁴, 6⁵, 8⁶, 11⁷ is (are) missing for method. (B-2.5.2.2.1)
- MD9** Compliance cannot be determined, raw data not present for entire run. (B-2.5.2.3.5)
- MD10.1** SDG Narrative is missing. (B-2.5.1.2)
- MD10.2** SDG Narrative is missing: ¹Laboratory Name, ²Case Number, ³SDG Number, ⁴Contract Number. (B-2.5.1.2)
- MD10.3** ¹Laboratory Name, ²Case Number, ³SDG Number, ⁴Contract Number on SDG Narrative not the same as reported on Form (s) 1. (B-2.5.1.2; B-3.3.1; B-3.3.4; B-3.3.6; B-3.3.2)

Criterion	Sample w/Defect	Method	Analysis Date/Time	Analyte(s)	Samples Coded

page of

[illegible]



USEPA Contract Laboratory Program *Cooler No. EPA3404*
Inorganic Traffic Report & Chain of Custody Record

Case No: 32635
DAS No:
SDG No: MAIC40 **L**

Date Shipped: 3/4/2004 Carrier Name: FedEx Airbill: 840046579450 Shipped to: Bonner Analytical Testing Company 2703 Oak Grove Road Hattiesburg MS 39402 (601) 264-2854	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only Lab Contract No: 68W02067 Unit Price: \$72.00 Transfer To: Lab Contract No: Unit Price:	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1	<i>[Signature]</i> 3/4/04 1430			
	2				
	3				
4			<i>[Signature]</i> 3-5-04 0945		

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA1C40	Soil (>12")	M/G	CN (21), TM (21)	193948 (Ice Only), 193949 (Ice Only) (2)	SO-04	S: 3/4/2004	12:05	A1C40	
MA1C44	Soil (>12")	M/G	CN (21), TM (21)	193960 (Ice Only), 193961 (Ice Only) (2)	SO-08	S: 3/4/2004	12:05	A1C44	
MA1C48	Soil (>12")	M/G	CN (21), TM (21)	193972 (Ice Only), 193973 (Ice Only) (2)	SO-12	S: 3/3/2004	15:00	A1C48	
MA1C49	Soil (>12")	M/G	CN (21), TM (21)	193975 (Ice Only), 193976 (Ice Only) (2)	SO-13	S: 3/3/2004	16:30	A1C49	
MA1C63	Field QC	M/G	CN (21), TM (21)	190530 (HNO3), 190531 (NaOH) (2)	RB-04	S: 3/4/2004	14:00	A1C63	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>[Signature]</i>	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ☐	Shipment Iced? ☐
CN = Cyanide, TM = CLP TAL Total Metals and Hg				

TR Number: 1-520220259-030404-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4800



USEPA Contract Laboratory Program *Cooler No. EPA1918*
Inorganic Traffic Report & Chain of Custody Record

Case No: 32635
DAS No:
SDG No: MA1C40 **L**

Date Shipped: 3/5/2004 Carrier Name: FedEx Airbill: 840046579461 Shipped to: Bonner Analytical Testing Company 2703 Oak Grove Road Hattiesburg MS 39402 (601) 264-2854	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only Lab Contract No: 68W020067 Unit Price: \$72.00 Transfer To: <i>[Signature]</i> Lab Contract No: <i>[Signature]</i> Unit Price: <i>[Signature]</i>	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1	<i>[Signature]</i> 3/5/04 1115			
	2				
	3				
	4		<i>[Signature]</i> 3/6/04 0915		

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA1C45	Soil (>12")	M/G	CN (21), TM (21)	193963 (Ice Only), 193964 (Ice Only) (2)	SO-09	S: 3/4/2004	14:00	A1C45	<i>good</i> ↓
MA1C46	Soil (>12")	M/G	CN (21), TM (21)	193966 (Ice Only), 193967 (Ice Only) (2)	SO-10	S: 3/4/2004	13:45	A1C46	
MA1C47	Soil (>12")	M/G	CN (21), TM (21)	193969 (Ice Only), 193970 (Ice Only) (2)	SO-T1	S: 3/4/2004	14:20	A1C47	

005

Shipment for Case Complete? <i>N</i>	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 3.2°C	Chain of Custody Seal Number: <i>N/A</i>
Analysis Key: CN = Cyanide, TM = CLP TAL Total Metals and Hg	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <i>Y</i>	Shipment Iced? <i>Y</i>

TR Number: 1-520220259-030504-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602



USEPA Contract Laboratory Program *Cooler No. EPAJM1430*
Inorganic Traffic Report & Chain of Custody Record

Case No: 32635
DAS No: MA1C40
SDG No: MA1C15 *SE* **L**

Date Shipped: 3/9/2004 Carrier Name: FedEx Airbill: 840046579531 Shipped to: Bonner Analytical Testing Company 2703 Oak Grove Road Hattiesburg MS 39402 (601) 264-2854	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only Lab Contract No: 68W02067 Unit Price: \$72.00 Transfer To: _____ Lab Contract No: _____ Unit Price: _____ <i>se</i>	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 <i>[Signature]</i>	3/9/04 1100			
	2 <i>[Signature]</i>				
	3 <i>[Signature]</i>				
4 <i>[Signature]</i>			<i>Bonner Chodwell 3-10-04 0915</i>		

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA1C52	Soil (>12")	M/G	CN (21), TM (21)	193984 (Ice Only), 193985 (Ice Only) (2)	SO-16	S: 3/8/2004	12:30	A1C52	<i>good</i> ↓
MA1C53	Soil (>12")	M/G	TM (21)	193987 (Ice Only) (1)	SO-17	S: 3/8/2004	13:45	A1C53	
MA1C54	Soil (>12")	M/G	TM (21)	193990 (Ice Only) (1)	SO-18	S: 3/8/2004	13:45	A1C54	
MA1C55	Soil (>12")	M/G	TM (21)	193992 (Ice Only) (1)	SO-19	S: 3/8/2004	14:45	A1C55	
MA1C56	Soil (>12")	M/G	TM (21)	193994 (Ice Only) (1)	SO-20	S: 3/8/2004	13:00	A1C56	
MA1C57	Soil (>12")	M/G	TM (21)	193998 (Ice Only), 193999 (Ice Only) (2)	SO-21	S: 3/8/2004	15:15	A1C57	
MA1C58	Soil (>12")	M/G	TM (21)	190501 (Ice Only) (1)	SO-22	S: 3/8/2004	14:20	A1C58	
MA1C64	Field QC	M/G	CN (21), TM (21)	190536 (HNO3), 190537 (NaOH) (2)	RB-05	S: 3/8/2004	16:15	A1C64	

906

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: MA1C57	Additional Sampler Signatures: <i>[Signatures]</i>	Cooler Temperature Upon Receipt: 2.3°C	Chain of Custody Seal Number: N/A
Analysis Key: CN = Cyanide, TM = CLP TAL Total Metals and Hg	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ☒ Shipment Iced? ☒

TR Number: 1-520220259-030804-0002

LABORATORY COPY

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/2004

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No Change	LRD	Fraction	Status*	Comments
---------------	------------------	-----	----------	---------	----------

General Comments: CEIMIC reported that they had received the inorganic samples for Case 32635. Per Region 1, the inorganic samples were shipped to BONNER on 3/3/04. CEIMIC received the organic samples from BONNER on 3/4/04.

NH

CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C – Canceled
B – Broken in Transit
D – Damaged by Lab
I – Insufficient Volume
T – Transshipped
O – Other

REC: 22979

3/22/2004 2:12:43 PM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/2004

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W03067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

General
Comments:

BONNER reported that they had received the organic samples for Case 32635. Per Region 1, the organic samples were shipped to CEIMIC on 3/3/04. BONNER received the inorganic samples from CEIMIC on 3/4/04.



CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22980

3/22/2004 2:12:43 PM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/9/2004

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W02067

Sample Number	Sample No Change	LRD	Fraction	Status*	Comments
---------------	------------------	-----	----------	---------	----------

**General
Comments:**

BONNER reported that sample MA1C37 had a total solids of 15.2%, and that the sample was green, had a "non dirt matrix physical characteristic", and was almost slippery when touched. In addition, the sample went from green in color to clear after being baked. Per the Region, the sample appeared to be a colored clay material to the field sampling team. However, based on the information received from the Inorganic CLP lab, the sample melted during percent solids determination, yielding a low percent solid. The Region's concern is that the sample may be a highly concentrated organic material. Per the Region, the lab should proceed with caution during the analysis, and report any problems with sample preparation and analysis.

MA

CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22991

3/22/2004 2:12:44 PM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/10/2004

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

**General
Comments:**

CEIMIC reported that the TR/COC listed that the aqueous samples did not require laboratory QC, but sample A1C59 is listed on the TR/COC as a "Drill Rig Tank Water" sample. Per Region 1, the sample is a QA sample on the water used during the drilling process and should not be used for laboratory QC.

NA

CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22992

3/22/2004 2:12:44 PM

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

2

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C40 MAILDATE1:

MAILDATE2:

```
*****
*****
*****
****
****      SCREENING PACKAGE      ****
****      SUMMARY INFORMATION      ****
****
****      ILM05.2      ****
****      AES      ****
****
****      SDG: MA1C40      ****
****
****      CASE: 32635      ****
****
****      LAB: BONNER      ****
****
****      CONTRACT: 68W02067      ****
****
****      REGION: 1      ****
****
****      DRD: 03/22/2004      ****
****
****      SCREEN DATE: 3/22      ****
****
****      SCREENER: C.J.      ****
****
****      THIS PROGRAM WAS RUN ON : 03/22/2004      ****
****
****      AT : 11:17      ****
****
****      REFERENCE 1:      ****
****
****      REFERENCE 2:      ****
****
****      THIS ASF HAS 3489 LINES.      ****
****
*****
*****
*****
```

3

MAILDATE2:

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

4

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C40 MAILDATE1:

MAILDATE2:

```
*****
*****
*****
****
****      SCREENING PACKAGE      ****
****      SUMMARY INFORMATION      ****
****
****      ILM05.2                  ****
****      AES                      ****
****
****      SDG: MA1C40              ****
****
****      CASE: 32635              ****
****
****      LAB: BONNER              ****
****
****      CONTRACT: 68W02067       ****
****
****      REGION: 1                ****
****
****      DRD: 03/22/2004          ****
****
****      SCREEN DATE: 3/22       ****
****      SCREENER: C.J.         ****
****
****      THIS PROGRAM WAS RUN ON : 03/22/2004 ****
****
****      AT : 11:17               ****
****
****      REFERENCE 1:             ****
****
****      REFERENCE 2:             ****
****
****      THIS ASF HAS 3489 LINES. ****
****
*****
*****
*****
```

5

MAILDATE2:

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

6

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C40 MAILDATE1:

MAILDATE2:

LAB RECEIVED DATE BY SAMPLE

SAMPLE LAB RECEIVED DATE

MA1C40	03/05/2004
MA1C44	03/05/2004
MA1C45	03/06/2004
MA1C46	03/06/2004
MA1C46D	03/06/2004
MA1C46S	03/06/2004
MA1C47	03/06/2004
MA1C48	03/05/2004
MA1C49	03/05/2004
MA1C52	03/10/2004
MA1C53	03/10/2004
MA1C54	03/10/2004
MA1C55	03/10/2004
MA1C56	03/10/2004
MA1C57	03/10/2004
MA1C57D	03/10/2004
MA1C57S	03/10/2004
MA1C58	03/10/2004

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

8

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C40 MAILDATE1: MAILDATE2:

CRITERION	COMMENTS

3

SC 3-24-04

[illegible]

4

TECHNICAL DEFECT FREQUENCY REPORT
THIS REPORT PROVIDES A STATISTICAL SUMMARY OF THE TECHNICAL DEFECTS PRESENT IN THIS SDG.
TEXTUAL/MANUAL DEFECT REPORT

THIS REPORT SUMMARIZES DEFECT MESSAGES. INFORMATION IN PARENTHESES AT THE END OF A DEFECT MESSAGE REFERENCES THE SOW PAGE NUMBER WHERE THE REQUIREMENTS ORIGINATED. FOLLOWING THE DEFECT MESSAGE IS A LIST OF ALL AFFECTED SAMPLES.

5

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

6

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C37 MAILDATE1:03/24/2004 MAILDATE2:

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

7

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C37 MAILDATE1:03/24/2004 MAILDATE2:

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

8

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C37 MAILDATE1:03/24/2004 MAILDATE2:

Path Name

SMOM.ILM4.BONNER.MA1C37.I032204.DMCPY
<-CHOP->

----- CASE=32635 CONTRACT=68W02067 SDG=MA1C37 LABCODE=BONNER -----

SAMPLE	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	CCS TOTAL	TIP TOTAL
LCSS	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C37	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C37D	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C37S	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C38	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C39	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C41	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C42	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C43	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C50	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		

HG AND CN ARE NOT INCLUDED IN THE TOTALS

SPIKES AND DUPS TOTAL ANALYTES WILL AUTOMATICALLY BE COUNTED LIKE THE PARENT FIELD SAMPLE FOR TIP PURPOSES.

ANALYTE REPORT

10

----- CASE=32635 CONTRACT=68W02067 SDG=MA1C37 LABCODE=BONNER -----
 (continued)

SAMPLE	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	CCS TOTAL	TIP TOTAL
MA1C51	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C73	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN		22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
MA1C74																								CN	0	
REQUIRED																								Y		
ANALYZED																								Y		
PROCESSED																								Y		

HG AND CN ARE NOT INCLUDED IN THE TOTALS
 SPIKES AND DUPS TOTAL ANALYTES WILL AUTOMATICALLY BE COUNTED LIKE THE PARENT FIELD SAMPLE FOR TIP PURPOSES.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

1

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C37 MAILDATE1:03/24/2004 MAILDATE2:

```
*****
*****
*****
****
****          S C R E E N I N G   P A C K A G E          ****
****          S U M M A R Y   I N F O R M A T I O N        ****
****
****                      ILM05.2                      ****
****                      A E S                          ****
****
****                      SDG:  MA1C37                   ****
****
****                      CASE:  32635                   ****
****
****                      LAB:   BONNER                   ****
****
****                      CONTRACT:  68W02067            ****
****
****                      REGION:  1                     ****
****
****                      DRD:   03/22/2004              ****
****
****                      MAIL DATE 1:  03/24/2004       ****
****
****
*****
*****
*****
```

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

2

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C37 MAILDATE1:03/24/2004 MAILDATE2:
THE WEB-CCS SOFTWARE IS AVAILABLE ON THE WORLD WIDE WEB AT
<http://mssiis2.dynacorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-43023
IF YOU HAVE ANY QUESTIONS.

Manual Review Defects for ILM05.2
(Semi-automated)

page ___ of ___

Flex Clause Yes ___ No ☒

SDG Number: MA1037

Review Chemist: C.L.D.

Review Date: 3/23/04

Lab Code: BONNER

QC Chemist: AM

QC Date: 3-23-2004

- MD1** Compliance cannot be determined, raw data not present. (B-2.5.2.3.5) For: Tunes¹; Calibration²; ICV³; ICB⁴; CCV⁵; CCB⁶; CRI⁷; ICSA/ICSAB⁸; PBW/PBS⁹; LCSW/LCSS¹⁰; Matrix Spike¹¹; Post-digestion Spike¹²; Duplicate¹³; Serial Dilution¹⁴; Field Sample¹⁵; Start/End Time¹⁶.
- MD3** Analysis in raw data is missing on Form 13. (B-3.4.17.1.2) For: Tunes¹; Calibration²; ICV³; ICB⁴; CCV⁵; CCB⁶; CRI⁷; ICSA/ICSAB⁸; PBW/PBS⁹; LCSW/LCSS¹⁰; Matrix Spike¹¹; Post-digestion Spike¹²; Duplicate¹³; Serial Dilution¹⁴; Field Sample¹⁵.
- MD4.1** Traffic Report is missing. (B-2.4)
- MD4.2** Traffic Report is missing date received. (B-2.4)
- MD4.3** Traffic Report is missing laboratory signature. (B-2.4)
- MD5** Preparation log is missing. (B-2.5.2.4)
- MD6** Compliance cannot be determined - Date received on the Traffic Report is not the same as reported on Form(s) 1. (B-3.4.2.2.1)
- MD7** Form(s) 1¹, 7², 9³, 10⁴, 12⁵, 13⁶, 14⁷, 15⁸ is (are) missing. (B-2.5.2.2.1)
- MD8** Form(s) 2¹, 3², 4³, 5⁴, 6⁵, 8⁶, 11⁷ is (are) missing for method. (B-2.5.2.2.1)
- MD9** Compliance cannot be determined, raw data not present for entire run. (B-2.5.2.3.5)
- MD10.1** SDG Narrative is missing. (B-2.5.1.2)
- MD10.2** SDG Narrative is missing: ¹Laboratory Name, ²Case Number, ³SDG Number, ⁴Contract Number. (B-2.5.1.2)
- MD10.3** ¹Laboratory Name, ²Case Number, ³SDG Number, ⁴Contract Number on SDG Narrative not the same as reported on Form (s) 1. (B-2.5.1.2; B-3.3.1; B-3.3.4; B-3.3.6; B-3.3.2)

Criterion	Sample w/Defect	Method	Analysis Date/Time	Analyte(s)	Samples Coded

page ____ of ____

[illegible]



USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Cooler No. ETAK002

Case No: 32635

DAS No:

SDG No:

MA1C37

L

Date Shipped: 3/3/2004 Carrier Name: FedEx Airbill: 840046579406 Shipped to: Bonner Analytical Testing Company 2703 Oak Grove Road Hattiesburg MD 39402 (601) 264-2854	Chain of Custody Record		Sampler Signature:
	Relinquished By	(Date / Time)	Received By
	1	3/3/04 1440	
	2		
	3		
4		Shannon Charwell 3-4-04 0830	
For Lab Use Only			
Lab Contract No: 62402067			
Unit Price: \$72.00			
Transfer To:			
Lab Contract No:			
Unit Price:			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA1C37	Soil (>12")	M/G	CN (21), TM (21)	193937 (Ice Only), 193938 (Ice Only), 193939 (Ice Only), 193940 (Ice Only) (4)	SO-01	S: 3/3/2004	8:30	A1C37	good
MA1C38	Soil (>12")	M/G	CN (21), TM (21)	193942 (Ice Only), 193943 (Ice Only) (2)	SO-02	S: 3/3/2004	10:45	A1C38	
MA1C41	Soil (>12")	M/G	CN (21), TM (21)	193951 (Ice Only), 193952 (Ice Only) (2)	SO-05	S: 3/2/2004	14:30	A1C41	
MA1C42	Soil (>12")	M/G	CN (21), TM (21)	193954 (Ice Only), 193955 (Ice Only) (2)	SO-06	S: 3/3/2004	9:30	A1C42	
MA1C43	Soil (>12")	M/G	CN (21), TM (21)	193957 (Ice Only), 193958 (Ice Only) (2)	SO-07	S: 3/3/2004	10:55	A1C43	
MA1C51	Soil (>12")	M/G	CN (21), TM (21)	193981 (Ice Only), 193982 (Ice Only) (2)	SO-15	S: 3/2/2004	13:00	A1C51	
MA1C61	Field QC	M/G	CN (21), TM (21)	190518 (HNO3), 190519 (NaOH) (2)	RB-02	S: 3/2/2004	17:10	A1C61	
MA1C62	Field QC	M/G	CN (21), TM (21)	190524 (HNO3), 190525 (NaOH) (2)	RB-03	S: 3/3/2004	12:30	A1C62	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MA1C37	Additional Sampler Signatures: 	Cooler Temperature Upon Receipt: 4.5°C	Chain of Custody Seal Number: N/A
Analysis Key: CN = Cyanide, TM = CLP TAL Total Metals and Hg	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ☒	Shipment Iced? ☒

TR Number: 1-520220259-030304-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4500

LABORATORY COPY

003



Cooler No.: EPA 3204

USEPA Contract Laboratory Program

Inorganic Traffic Report & Chain of Custody Record

Case No: 32635

DAS No:

SDG No:

MAIC 37

L

Date Shipped: 3/2/2004 Carrier Name: FedEx Airbill: 840046579391 Shipped to: Bonner Analytical Testing Company 2703 Oak Grove Road Hattiesburg MD 39402 (601) 264-2854	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>
	Relinquished By	(Date / Time)	Received By
	1 <i>[Signature]</i>	3/2/04 1430	
	2 <i>[Signature]</i>		
	3 <i>[Signature]</i>		
4 <i>[Signature]</i>			
			For Lab Use Only 68W02067
			Lab Contract No: 68W030188
			Unit Price: \$72.00 6/11
			Transfer To: AD 3/3/04
			Lab Contract No:
			Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MAIC39	Soil (>12")	M/G	CN (21), TM (21)	193945 (Ice Only), 193946 (Ice Only) (2)	SO-03	S: 3/1/2004	16:55	A1C39	good
MAIC50	Soil (>12")	M/G	CN (21), TM (21)	193978 (Ice Only), 193979 (Ice Only) (2)	SO-14	S: 3/1/2004	11:09	A1C50	
MAIC59	Drill Rig Tank Water	M/G	CN (21), TM (21)	190506 (HNO3), 190507 (NaOH) (2)	Rig-01	S: 3/1/2004	14:00	A1C59	
MAIC60	Field QC	M/G	CN (21), TM (21)	190512 (HNO3), 190513 (NaOH) (2)	RB-01	S: 3/1/2004	12:30	A1C60	
MAIC73	PE Soil	M/G	TM (21)	190564 (Ice Only) (1)	PE-MS00518	S: 3/1/2004	8:00		
MAIC74	PE Soil	M/G	CN (21)	190565 (Ice Only) (1)	PE-CNS1325	S: 3/1/2004	8:00		

Shipment for Case Complete? ☒	Sample(s) to be used for laboratory QC: AD 3/3/04	Additional Sampler Signature(s): <i>[Signature]</i>	Cooler Temperature Upon Receipt: 4.3°C	Chain of Custody Seal Number: AD 3/3/04 N/A
Analysts Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ☒	Shipment Iced? ☒
CN = Cyanide, TM = CLP TAL Total Metals and Hg				

TR Number: 1-520220259-030204-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax

REV 1.046 Page 1 of 1

7/2/2010 10:40:00

004

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/2004

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

General
Comments:

CEIMIC reported that they had received the inorganic samples for Case 32635. Per Region 1, the inorganic samples were shipped to BONNER on 3/3/04. CEIMIC received the organic samples from BONNER on 3/4/04.



CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

*Status:

C – Canceled
B – Broken in Transit
D – Damaged by Lab
I – Insufficient Volume
T – Transshipped
O – Other

REC: 22979

3/23/2004 7:02:40 AM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/2004

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W03067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

General

Comments:

BONNER reported that they had received the organic samples for Case 32635. Per Region 1, the organic samples were shipped to CEIMIC on 3/3/04. BONNER received the inorganic samples from CEIMIC on 3/4/04.

NA

CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22980

3/23/2004 7:02:40 AM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/9/2004

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W02067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

**General
Comments:**

BONNER reported that sample MA1C37 had a total solids of 15.2%, and that the sample was green, had a "non dirt matrix physical characteristic", and was almost slippery when touched. In addition, the sample went from green in color to clear after being baked. Per the Region, the sample appeared to be a colored clay material to the field sampling team. However, based on the information received from the Inorganic CLP lab, the sample melted during percent solids determination, yielding a low percent solid. The Region's concern is that the sample may be a highly concentrated organic material. Per the Region, the lab should proceed with caution during the analysis, and report any problems with sample preparation and analysis.

CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C - Canceled
B - Broken in Transit
D - Damaged by Lab
I - Insufficient Volume
T - Transshipped
O - Other

REC: 22991

3/23/2004 7:02:41 AM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/10/2004

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

**General
Comments:**

CEIMIC reported that the TR/COC listed that the aqueous samples did not require laboratory QC, but sample A1C59 is listed on the TR/COC as a "Drill Rig Tank Water" sample. Per Region 1, the sample is a QA sample on the water used during the drilling process and should not be used for laboratory QC.



CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C – Canceled
B – Broken in Transit
D – Damaged by Lab
I – Insufficient Volume
T – Transshipped
O – Other

REC: 22992

3/23/2004 7:02:41 AM

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

2

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C37 MAILDATE1:

MAILDATE2:

```
*****
*****
*****
****
****      SCREENING PACKAGE      ****
****      SUMMARY INFORMATION      ****
****
****      ILM05.2                  ****
****      AES                      ****
****
****      SDG: MA1C37              ****
****
****      CASE: 32635              ****
****
****      LAB: BONNER              ****
****
****      CONTRACT: 68W02067       ****
****
****      REGION: 1                ****
****
****      DRD: 03/22/2004          ****
****
****      SCREEN DATE: 3/23       ****
****
****      SCREENER: C.L.         ****
****
****      THIS PROGRAM WAS RUN ON : 03/22/2004 ****
****
****      AT : 14:56               ****
****
****      REFERENCE 1:             ****
****
****      REFERENCE 2:             ****
****
****      THIS ASF HAS 2649 LINES. ****
****
*****
*****
*****
```


3

MAILDATE2:

```
*****
*****
***** SCREENING PACKAGE *****
***** SUMMARY INFORMATION *****
*****
***** ILM05.2 *****
***** AES *****
***** SDG: MA1C37 *****
***** CASE: 32635 *****
***** LAB: BONNER *****
***** CONTRACT: 68W02067 *****
***** REGION: 1 *****
***** DRD: 03/22/2004 *****
***** SCREEN DATE: 3/23 *****
***** SCREENER: C.J. *****
***** THIS PROGRAM WAS RUN ON : 03/22/2004 *****
***** AT : 14:56 *****
***** REFERENCE 1: *****
***** REFERENCE 2: *****
***** THIS ASF HAS 2649 LINES. *****
*****
*****
*****
*****
```


5

MAILDATE2:

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

6

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C37 MAILDATE1:

MAILDATE2:

LAB RECEIVED DATE BY SAMPLE

SAMPLE	LAB RECEIVED DATE
MA1C37	03/04/2004
MA1C37D	03/04/2004
MA1C37S	03/04/2004
MA1C38	03/04/2004
MA1C39	03/04/2004
MA1C41	03/04/2004
MA1C42	03/04/2004
MA1C43	03/04/2004
MA1C50	03/04/2004
MA1C51	03/04/2004
MA1C73	03/04/2004
MA1C74	03/04/2004

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

8

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C37 MAILDATE1: MAILDATE2:

CRITERION	COMMENTS

11

SL 4-5-01

THIS REPORT SUMMARIZES BY SAMPLE THE TECHNICAL DEFECTS NOTED ON THE LABORATORY DATA SUBMISSION. THE "AN" ("ANALYZED") COLUMNS SHOW WHETHER THE SAMPLE WAS (Y) OR WAS NOT (NA) ANALYZED. NUMBERS IN THE "AN" OR "EX" ("EXTRACTION") COLUMNS INDICATE THE DAYS BY WHICH THE SAMPLE VIOLATED THE HOLDING TIME. NUMBERS IN THE "TECHNICAL/MANUAL DEFECTS" COLUMNS SHOW THE NUMBER OF NON-COMPLIANCE DEFECTS NOTED FOR A SAMPLE WITH REFERENCE TO A SPECIFIC CRITERION. CAUTION: THE DEFECTS IDENTIFIED BELOW MAY MASK OTHER DEFECTS WITHIN THE DATA.

MAIL DATE (1): 04/05/2004

[illegible]

6

LAB: CEIMIC SDG: A1C59

CCS SCREENING RESULT OF SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

7

THIS REPORT IS A SUMMARY OF THE SCREENERS COMMENTS REGARDING THE TECHNICAL AND MANUAL DEFECTS FOUND
IN THIS SDG.

LABORATORY CODE : CEIMIC
REGION : 1
DATE MAILED :

CASE: 32635
SDG_NO. : A1C59

DATE RECEIVED : 30MAR2004

SAMPLE	FRACTION	CRITERION	COMMENTS
A1C59		.*.	QC code "FRB" is missing on the ASF file for the field QC sample A1C59.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

8

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

9

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

1

CCS SCREENING RESULT OF SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

```
*****
*****
*****
****
****      SCREENING PACKAGE      ****
****      SUMMARY INFORMATION      ****
****
****      == OLM04 ==              ****
****
****      SDG: A1C59                ****
****
****      CASE: 32635                ****
****
****      LAB: CEIMIC                ****
****
****      CONTRACT: 68W03018         ****
****
****      REGION: 1                  ****
****
****      FLEX PERCENTAGE: .          ****
****
****      DRD: 03/30/2004            ****
****
****      SDG RECEIPT DATE: 03/10/2004 ****
****
****      MAIL DATE 1: 04/05/2004    ****
****
*****
*****
*****
```

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

2

MODIFIED/ENHANCED CCS DEFECT LIST

CCS SCREENING RESULT OF SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

The Web-CCS software is available on the world wide web at
<http://mssiiis2.dyncorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-4302
IF YOU HAVE ANY QUESTIONS.

Some defects have been modified/enhanced in the CCS automated screening system. CLP laboratories are allowed a two-week grace period to make necessary changes for future submissions. If any of these defects are applicable to this SDG, they will be listed in the CCS Notification section following the defect detail.

Defect	Grace Period Expires	Defect Message
N/A		

CASE:

32635

LAB CODE**CEIMIC**

SDG: A1C59

**DATE
RECEIVED:
03/30/2004**

SCREENER:

JP/MR

**DATE
SCREENED:
04/01/2004**

[illegible]

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/10/04

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No Change	LRD	Fraction	Status*	Comments
---------------	------------------	-----	----------	---------	----------

**General
Comments:**

CEIMIC reported that the TR/COC listed that the aqueous samples did not require laboratory QC, but sample A1C59 is listed on the TR/COC as a "Drill Rig Tank Water" sample. Per Region 1, the sample is a QA sample on the water used during the drilling process and should not be used for laboratory QC.

Field ac

CC:

IPAC DATE PROCESSED:

T&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22992

4/1/2004 10:35:01 AM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/04

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

General Comments: CEIMIC reported that they had received the inorganic samples for Case 32635. Per Region 1, the inorganic samples were shipped to BONNER on 3/3/04. CEIMIC received the organic samples from BONNER on 3/4/04.

CC:

IPAC DATE PROCESSED:

T&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22979

4/1/2004 10:34:59 AM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/04

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W03067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

General Comments: BONNER reported that they had received the organic samples for Case 32635. Per Region 1, the organic samples were shipped to CEIMIC on 3/3/04. BONNER received the inorganic samples from CEIMIC on 3/4/04.

W
-
D

CC:

IPAC DATE PROCESSED:

T&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22980

4/1/2004 10:35:00 AM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/9/04

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W02067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

**General
Comments:**

BONNER reported that sample MA1C37 had a total solids of 15.2%, and that the sample was green, had a "non dirt matrix physical characteristic", and was almost slippery when touched. In addition, the sample went from green in color to clear after being baked. Per the Region, the sample appeared to be a colored clay material to the field sampling team. However, based on the information received from the Inorganic CLP lab, the sample melted during percent solids determination, yielding a low percent solid. The Region's concern is that the sample may be a highly concentrated organic material. Per the Region, the lab should proceed with caution during the analysis, and report any problems with sample preparation and analysis.

217

CC:

IPAC DATE PROCESSED:

T&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22991

4/1/2004 10:35:00 AM



Cooler No.: EIA 2257
USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 32635
DAS No:
SDG No: A1C37 / A1C61

Date Shipped: 3/2/2004 Carrier Name: FedEx Airbill: 840048580720 Shipped to: Celmic Corporation 10 Dean Krauss Drive Narragansett RI 02882 (401) 782-8900	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	
	Relinquished By	(Date / Time)	Received By	(Date / Time)
	1 <i>[Signature]</i>	3/2/04 1430		
	2			
	3			
4			Alphonse Dubiel 3/4/04 16:00	
For Lab Use Only				
Lab Contract No: 68403018				
Unit Price: G/1				
Transfer To: AD 3/4/04				
Lab Contract No:				
Unit Price:				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1C39	Soil (>12")	M/G	BNA/PEST (21)	193944 (Ice Only) (1)	SO-03	S: 3/1/2004 16:55	MA1C39	
A1C50	Soil (>12")	M/G	BNA/PEST (21)	193977 (Ice Only) (1)	SO-14	S: 3/1/2004 11:09	MA1C50	
A1C59	Drill Rig Tank Water	M/G	BNA/PEST (21)	190502 (Ice Only), 190503 (Ice Only), 190504 (Ice Only), 190505 (Ice Only) (4)	Rig-01	S: 3/1/2004 14:00	MA1C59	
A1C60	Field QC	M/G	BNA/PEST (21)	190508 (Ice Only), 190509 (Ice Only), 190510 (Ice Only), 190511 (Ice Only) (4)	RB-01	S: 3/1/2004 12:30	MA1C60	
A1C69	PE Soil	M/G	BNA (21)	190560 (Ice Only) (1)	PE-SS0266	S: 3/1/2004 8:00		
A1C70	PE Water	M/G	PEST (21)	190561 (Ice Only) (1)	PE-P00060	S: 3/1/2004 8:00		
A1C71	PE Soil	M/G	PEST (21)	190562 (Ice Only) (1)	PE-TT02731	S: 3/1/2004 8:00		
A1C72	PE Soil	M/G	PEST (21)	190563 (Ice Only) (1)	PE-TT05362	S: 3/1/2004 8:00		

COPY
Original Documents are
included in CSF
A1C37

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: AD 3/4/04	Additional Sampler Signature(s): <i>[Signature]</i>	Cooler Temperature Upon Receipt	Chain of Custody Seal Number: AD 3/4/04
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ☒	Shipment Iced? ☒
BNA = CLP TCL Semivolatiles, BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, PEST = CLP TCL Pesticide/PCBs				

TR Number: 1-520220259-030204-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax



USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No. EPA1357

Case No: 32635

DAS No:

SDG No:

A1C37/A1C61

59 Jc L
3/4/04

Date Shipped: 3/3/2004 Carrier Name: FedEx Airbill: B40046580958 Shipped to: Celmic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 762-8900	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only	
	Relinquished By	(Date / Time)	Received By	(Date / Time)	Lab Contract No: 68W03018
	1 <i>[Signature]</i>	3/3/04 1440			Unit Price: 6/1
	2				Transfer To: AD 3/4/04
	3				Lab Contract No:
4			<i>[Signature]</i> 3/4/04 p:00		Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1C37	Soil (>12")	M/G	BNP/PEST (21)	193934 (Ice Only), 193935 (Ice Only), 193936 (Ice Only) (3)	SO-01	S: 3/3/2004	8:30	MA1C37	
A1C38	Soil (>12")	M/G	BNP/PEST (21)	193941 (Ice Only) (1)	SO-02	S: 3/3/2004	10:45	MA1C38	
A1C41	Soil (>12")	M/G	BNP/PEST (21)	193950 (Ice Only) (1)	SO-05	S: 3/2/2004	14:30	MA1C41	
A1C42	Soil (>12")	M/G	BNP/PEST (21)	193953 (Ice Only) (1)	SO-06	S: 3/3/2004	9:30	MA1C42	
A1C43	Soil (>12")	M/G	BNP/PEST (21)	193956 (Ice Only) (1)	SO-07	S: 3/3/2004	10:55	MA1C43	
A1C51	Soil (>12")	M/G	BNP/PEST (21)	193980 (Ice Only) (1)	SO-15	S: 3/2/2004	13:00	MA1C51	
A1C81	Field QC	M/G	BNP/PEST (21)	190514 (Ice Only), 190515 (Ice Only), 190516 (Ice Only), 190517 (Ice Only) (4)	RB-02	S: 3/2/2004	17:10	MA1C81	
A1C62	Field QC	M/G	BNP/PEST (21)	190520 (Ice Only), 190521 (Ice Only), 190522 (Ice Only), 190523 (Ice Only) (4)	RB-03	S: 3/3/2004	12:30	MA1C62	

AD 3/4/04
COPY
Original Documents are
included in CSF

SDG : A1C37

Consent for Case Completion?	Sample(s) to be used for laboratory QC: A1C37	Additional Sampler Signature(s): <i>[Signature]</i>	Cooler Temperature Upon Receipt	Chain of Custody Seal Number: AD 3/4/04
Analysis Key: BNP/PEST = CLP TCL Semivolatiles and Pesticides/PC	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact?	Shipment Iced?

TR Number: 1-520220259-030304-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4200



USEPA Contract Laboratory Program Cooler No. EPARM96
Organic Traffic Report & Chain of Custody Record

Case No: 32635
DAS No:
SDG No: A1C37/A1C59 L

Date Shipped: 3/4/2004 Carrier Name: FedEx Airbill: B40048580969 Shipped to: Ceimic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	Chain of Custody Record		Sampler Signature:	
	Relinquished By	(Date / Time)	Received By	(Date / Time)
	1	3/4/04 1430		
	2			
	3			
4			Joanna Majors 3/5/04 10:00	
For Lab Use Only				
Lab Contract No: 68W03018				
Unit Price: G/1				
Transfer To: JM 03/07/04				
Lab Contract No:				
Unit Price:				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1C40	Soil (>12")	M/G	BNAP/EST (21)	193947 (Ice Only) (1)	SO-04	S: 3/4/2004 12:05	MA1C40	
A1C44	Soil (>12")	M/G	BNAP/EST (21)	193959 (Ice Only) (1)	SO-08	S: 3/4/2004 12:05	MA1C44	
A1C48	Soil (>12")	M/G	BNAP/EST (21)	193971 (Ice Only) (1)	SO-12	S: 3/3/2004 15:00	MA1C48	
A1C49	Soil (>12")	M/G	BNAP/EST (21)	193974 (Ice Only) (1)	SO-13	S: 3/3/2004 16:30	MA1C49	
A1C63	Field QC	M/G	BNAP/EST (21)	190526 (Ice Only), 190527 (Ice Only), 190528 (Ice Only), 190529 (Ice Only) (4)	RB-04	S: 3/4/2004 14:00	MA1C63	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number: JM 03/05/04
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ☒	Shipment Iced? ☒
BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC				

TR Number: 1-520220259-030404-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4000



USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Cooler No. EPA A6010274

Case No: 32635
DAS No:
SDG No: A1C59/A1C52 L

Date Shipped: 3/9/2004 Carrier Name: FedEx Airbill: 840048580899 Shipped to: Celmic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only Lab Contract No: 68W03018 Unit Price: \$11 Transfer To: JM 03/10/04 Lab Contract No: Unit Price:	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 <i>[Signature]</i>	3/9/04 1100			
	2 <i>[Signature]</i>				
	3 <i>[Signature]</i>				
4 <i>[Signature]</i>			<i>Joanna Majewski</i> 3/10/04 9:30		

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1C52	Soil (>12")	M/G	BNA/PEST (21)	193983 (Ice Only) (1)	SO-16	S: 3/8/2004 12:30	MA1C52	
A1C53	Soil (>12")	M/G	BNA (21)	193986 (Ice Only) (1)	SO-17	S: 3/8/2004 13:45	MA1C53	
A1C54	Soil (>12")	M/G	BNA (21)	193989 (Ice Only) (1)	SO-18	S: 3/8/2004 13:45	MA1C54	
A1C55	Soil (>12")	M/G	BNA (21)	193991 (Ice Only) (1)	SO-19	S: 3/8/2004 14:45	MA1C55	
A1C56	Soil (>12")	M/G	BNA (21)	193993 (Ice Only) (1)	SO-20	S: 3/8/2004 13:00	MA1C56	
A1C57	Soil (>12")	M/G	BNA (21)	193995 (Ice Only), 193996 (Ice Only), 193997 (Ice Only) (3)	SO-21	S: 3/8/2004 15:15	MA1C57	
* A1C58	Soil (>12")	M/G	BNA (21)	194000 (Ice Only) (1)	SO-22	S: 3/8/2004 14:20	MA1C58	
* A1C64	Field QC	M/G	BNA/PEST (21)	190532 (Ice Only), 190533 (Ice Only), 190534 (Ice Only), 190535 (Ice Only) (4)	RB-05	S: 3/8/2004 16:15	MA1C64	

* last sample in SDG A1C59

** last sample in SDG A1C52

COPY
Original Documents are
included in CSF

SDG: A1C52
JM 3/10/04

Shipment for Case Complete?	Sample(s) to be used for laboratory QC: A1C57	Additional Sampler Signatures: <i>[Signatures]</i>	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number: JM 03/10/04
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact?	Shipment Iced?
BNA = CLP TCL Semivolatiles, BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC				

TR Number: 1-520220259-030804-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4200

**BNA, Pest*

ORGANIC MANUAL DEFECT MESSAGE FOR OLM04.X SOWs

Lab Code: CLIM.C DRD: 3-30-04
Case No.: 32635 Date Screened: 4-01-04
SDG No.: 1159 Chemist: JRP
QC Chemist: MR Complete Date: 04101104

Flex Clause Analysis Performed? Please check which apply.

NA

VDA	YES___	NO___ <i>NA</i>
<u>BNA</u>	YES___	NO___ <i>X</i>
<u>PEST</u>	YES___	NO___ <i>X</i>

Volatiles Fraction

All manual criteria met? Yes___ No___

SC
4-2-04

Criterion VG : System Monitoring Compound Recoveries

VG.1 Form [12A/2B] is not submitted for [1Sample/2Blank]

Def. Code/Samples affected: _____

VG.4 Form 2B is not submitted for [1Sample/2Blank] at each concentration level.

Def. Code/Samples affected: _____

Criterion VH. : Matrix Spike /Matrix Spike Duplicate

VH.1 Form [13A/23B] was not submitted.

Def. Code/Samples affected: _____

Criterion VC : Blanks

VC.1 Form 4A is not submitted.

Def. Code/Samples affected: _____

Criterion VB : Instrument Performance Check

VB.1 Form 5A was not submitted.

Def. Code/Samples affected: _____

VB.6 [¹Date of Analysis/²Tme of Analysis/³Instrument ID/⁴Lab File ID] is
[¹missing/²incorrect] on [¹Mass Listing/²Bar Graph Spectrum/³RIC] for BFB.

Def. Code/Samples affected: _____

VB.7 [¹Samples/²Blanks/³Standards] are not listed on Form 5A in chronological order by date
and time of analysis . Def. Code/Samples affected: _____

VB.9 [¹Mass listing/²Bar Graph Spectrum/³RIC] is missing for associated Instrument
Performance Check.

Def. Code/Samples affected: _____

Criterion VF : Internal Standards

VF.1 Form 8A was not submitted for [¹Sample/²Blank].

Def. Code/Samples affected: _____

Criterion VI : Analytical Results, RICs, Spectra, Quantitation Reports, and TR Copies

VI.1 Form [¹1A/²1B] was not submitted for [¹Sample/²Blank].

Def. Code/Samples affected: _____

VI.2 Header information on Form(s) [¹is missing/²has incorrect] [¹Lab Name/²Lab
Code/³Contract Number/⁴Case Number/⁵SDG Number/⁶EPA Sample Number].

Def. Code/Samples affected: _____

VI.12 [¹RICs/²Spectra/³Quantitation Reports] are not submitted for [¹Samples/²Blanks].
Def. Code/Samples affected: _____

VI.13 [¹RICs/²Quantitation Reports] are not submitted for [¹MS/²MSD].
Def. Code/Samples affected: _____

VI.14 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶ Labels for Internal Standards and System Monitoring Compounds] is [¹missing/²incorrect] on RICs for [¹Sample/²Blank]. Def code/Samples affected: _____

VI.15 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶Compound Name] is [¹missing/²incorrect] on spectra for [¹Sample/²Blank]. Def code/Samples affected: _____

VI.16 Form 1F was not submitted for [¹Sample/²Blanks].
Def code/Samples affected: _____

VI.19 TIC spectra for [¹Sample/²Blank] is missing.
Def code/Samples affected: _____

- VI.20 [¹EPA Sample Number/²Lab File ID/³Date of Analysis/⁴Time of Analysis/⁵Instrument ID/⁶Compound Name] is [¹missing/²incorrect] on TIC spectra for [¹Sample/²Blank].
Def code/Samples affected: _____

- VI.22 TR is not [¹submitted/²legible]
Def code/Samples affected: _____

- VI.23 [¹Date Received/²Recipient Signature/³SDG Number/⁴Lab Code] is [¹incorrect/²not present] on Traffic Report. Def Code/Samples affected: _____

- VI.24 [¹Date Received/²Case Number/³SDG Number/⁴Lab Code] on TR is not the same as reported for the samples. Def Code/Samples affected: _____

- VI.25 SDG Narrative was not submitted.
Def Code/Samples affected: _____

- VI.26 [¹Laboratory Name/²Case Number/³SDG Number/⁴Contract Number/⁵EPA Sample Number] is [¹missing/²incorrect] in the SDG Narrative.
Def Code/Samples affected: _____

- VI.27 [¹Signature/²Date] is missing in the SDG Narrative
Def Code/Samples affected: _____

- VI.28 Pages are missing in hardcopy of data.
Def Code/Samples affected: _____

- VI.29 TIC compound is reported as unknown when library search indicates a match at or above 85%. Def Code/Samples affected: _____

Criterion VD : Initial Calibration

VD.1 Form [¹6A/²6B] was not submitted.

Def Code/Samples affected: _____

VD.9 [¹RIC/²Quantitaion] Report is missing for initial calibration standard for RRF [¹10/²20/³50/⁴100/⁵200].

Def Code/Samples affected: _____

VD.10 [¹EPA Sample Number/²Analysis Date/³Analysis Time/⁴Instrument ID/⁵ Lab File ID/⁶ Labels for Internal Standard and/or System Monitoring Compound(s)] for initial calibration standard for RRF [¹10/²20/³50/⁴100/⁵200] is [¹missing/²incorrect] on [¹RIC/²Quatitation Report].

Def Code/Samples affected: _____

Criterion VE : Continuing Calibration

VE.1 Form[¹7A/²7B] was not submitted.

Def Code/Samples affected: _____

VE.8 [¹RIC/²Quatitation Report] for continuing calibration standards are not submitted.

Def Code/Samples affected: _____

VE.9 [¹EPA Sample Number/²Date of Analysis /³Time of Analysis/⁴Instrument ID/⁵ Lab File ID/⁶ Labels for Internal Standard and System Monitoring Compound(s) is [¹missing/²incorrect] on [¹RIC/²Quantitation Reports] for continuing calibration standards. Def Codes/Samples affected: _____

Semivolatiles Fraction

All manual criteria met? Yes X No _____

Criterion BG : Surrogate Recoveries

BG.1 Form [¹2C/²2D] was not submitted for [¹Sample/²Blank].

Def Code/Samples affected: _____

BG.3 Form 2D was not submitted for each concentration level.

Def Code/Samples affected: _____

Criterion BH : Matrix Spike/Matrix Spike Duplicate

BH.1 Form [¹3C/²3D] was not submitted.

Def Code/Samples affected: _____

Criterion BC : Blanks

BC.1 Form 5B was not submitted

Def Code/Samples affected: _____

Criterion BB : Instrument Performance Check

BB.1 Form 4B was not submitted. Def Code/Samples affected: _____

BB.4 [¹Samples/²Blanks/³Standards] are not listed on Form 5B in chronological order by date and time of analysis. Def. Code/Samples affected: _____

BB.8 [¹Mass Listing/²bar Graph Spectrum/³RIC] is missing for associated Instrument Performance Check of the Tune. Def Code/Samples affected: _____

BB.9 [¹Date of Analysis/²Time of Analysis/³ Instrument ID/⁴Lab File ID] is [¹missing/²incorrect] on [¹Mass Listing/²Bar Graph spectrum/³RIC] for DFTPP.
Def Code/Samples affected: _____

Criterion BF : Internal Standards

BF.1 Form[¹8B/²8C] was not submitted for [¹Sample/²Blanks]. Def. Code/Samples affected:____

Criterion BI : Analytical Results, RICs, Spectra, Quantitaion Reports, and TR Copies

BI.1 Form[¹1C/²1D] was not submitted for [¹Sample/²Blank].

Def. Code/Samples affected:_____

BI.2 Header information on Form(s) [¹is missing/²has incorrect] [¹Lab Name/²Lab Code/³Contract Number/⁴Case Number/⁵SDG Number/⁶Instrument ID/⁷EPA Sample Number].

Def. Code/Samples affected:_____

BI.12 [¹RICs/²Spectra/³Quantitation Reports] are not submitted for [¹Samples/²Blanks].

Def. Code/Samples affected:_____

BI.13 [¹RICs/²Quantitation Reports] are not submitted for [¹MS/²MSD].

Def. Code/Samples affected:_____

BI.14 [¹EPA Sample Number/²Date pf Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶ Labels for Internal Standards/or Surrogate] is [¹missing/²incorrect] on RICs for [¹Sample/²Blank]. Def code/Samples affected:_____

BI.15 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶ Compound Name] is [¹missing/²incorrect] on spectra for [¹Sample/²Blank].

Def code/Samples affected:_____

BI.17 Form 1G was not submitted for [¹Sample/²Blanks].

Def code/Samples affected:_____

- BI.20 TIC spectra for [¹Sample/²Blank] is missing.
Def code/Samples affected: _____

- BI.21 [¹EPA Sample Number/²Lab File ID/³Date of Analysis/⁴Time of Analysis/⁵Instrument ID/⁶Compound Name] is [¹missing/²incorrect] on TIC spectra for [¹Sample/²Blank].
Def code/Samples affected: _____

- BI.23 TR is not [¹submitted/²legible]
Def code/Samples affected: _____

- BI.24 [¹Date Received/²Recipient Signature/³SDG Number] is [¹incorrect/²not present] on Traffic Report.
Def Code/Samples affected: _____

- BI.25 [¹Date Received/²Case Number/³SDG Number/⁴Lab Code] on TR is not the same as reported for the samples. Def Code/Samples affected: _____

- BI.26 SDG Narrative was not submitted.
Def Code/Samples affected: _____

- BI.27 [¹Laboratory Name/²Case Number/³SDG Number/⁴Contract Number/⁵EPA Sample Number] is [¹missing/²incorrect] in the SDG Narrative.
Def Code/Samples affected: _____

- BI.28 [¹Signature/²Date] is missing in the SDG Narrative
Def Code/Samples affected: _____

- BI.29 Pages are missing in hardcopy of data.
Def Code/Samples affected: _____

BI.30 TIC compound is reported as unknown when library search indicates a match at or above 85%.

Def Code/Samples affected: _____

BI.31 UV traces for the two most recent GPC calibration/ continuing calibration verifications are not submitted.

Def. Code/Samples affected: _____

BI.32 The retention time shift between GPC calibration/continuing calibrations verifications is greater than 5.0%.

Def. Code/Samples affected: _____

Criterion BD: Initial Calibration

BD.1 Form [¹6C/²6D] was not submitted.

Def Code/Samples affected: _____

BD.8 [¹RIC/²Quantitation Report] is missing for initial calibration standard for RRF [¹20/²50/³80/⁴120/⁵160].

Def Code/Samples affected: _____

BD.9 [¹EPA Sample Number/²Analysis Date/³Analysis Time/⁴Instrument ID/⁵Lab File ID/⁶Label for Internal Standard and/or Surrogate] for initial calibration standard for RRF [¹20/²50/³80/⁴120/⁵160] is [¹missing/²incorrect] on [¹RIC/²Quantitation Report].

Def. Code/Samples affected: _____

Criterion BE: Continuing Calibration

BE.1 Form [¹7C/²7D] was not submitted.

Def. Code/Samples affected: _____

BE.6 [¹RIC/²Quantitation Report] for continuing calibration standards are not submitted.

Def Code/Samples affected: _____

BE.7 [¹EPA Sample Number/²Date of Analysis /³Time of Analysis/⁴Instrument ID/⁵ Lab File ID/⁶ Labels for Internal Standard and Surrogate Compound(s) is [¹missing/²incorrect] on [¹RIC/²Quantitation Reports] for continuing calibration standards. Def Codes/Samples affected: _____

Pesticides Fraction

All manual criteria met? Yes X No
Was GC/MS conformation required? Yes No X
If yes, was it performed? Yes No
Note: If no apply the appropriate defect codes.

Criterion PE : Surrogate Recovery and Retention Time

PE.1 Form[¹2E/²2F] was not submitted.

Def. Code/Samples affected: _____

Criterion PF : Pesticide Matrix Spike/ Matrix Spike Duplicate Recovery

PF.1 Form[¹3E/²3F] was not submitted.

Def. Code/Samples affected: _____

Criterion PB : Blanks

PB.1 Form 4C was not submitted

Def. Code/Samples affected: _____

Criterion PO : Analytical Results, Chromatograms, and TR Copies

PO.1 Form 1E was not submitted for [¹Sample/²Blank].

Def. Code/Samples affected: _____

PO.2 Header information on Form(s) [¹is missing/²has incorrect] [¹Lab Name/²Lab Code/³Contrat Number/⁴Case Number/⁵SDG Number/⁶EPA Sample Number].

Def. Code/Samples affected: _____

PO.12 The lower value of the two concentration from Pesticide/ Aroclor Identification is not reported for [¹Sample/²Blank]. Def. Code/Samples affected: _____

PO.14 [¹Chromatograms/²Integration Reports or Data System Printout] are not submitted for [¹Sample/²Blanks/³Standards].

Def. Code/Samples affected: _____

PO.15 Data system printout/Integration Report [¹is missing/²has incorrect], [¹EPA Sample Number/²RT/³Peak Height or Area].

Def. Code/Samples affected: _____

PO.16 [¹EPA Sample Number/²Volume Injected /³Date of Injection/⁴Time of Injection/⁵Column ID/⁶Instrument ID/⁷Name Compounds for Positively Identified Compounds/⁸Scaling Factor] is [¹missing/²incorrect] on chromatograms for [¹Samples/²Blanks/³Standards].

Def code/Samples affected: _____

PO.17 TR was not [¹submitted/²legible]

Def code/Samples affected: _____

PO.18 [¹Date Received/²Recipient Signature/³SDG Number] is [¹incorrect/²not present] on Traffic Report. Def Code/Samples affected: _____

PO.19 [¹Date Received/²Case Number/³SDG Number/⁴Lab Code] on TR is not the same as reported for the samples. Def Code/Samples affected: _____

PO.20 SDG Narrative was not submitted.

Def Code/Samples affected: _____

PO.21 [¹Laboratory Name/²Case Number/³SDG Number/⁴Contract Number/⁵EPA Sample Number] is [¹missing/²incorrect] in the SDG Narrative.

Def Code/Samples affected: _____

PO.22 [¹Signature/²Date] is missing in the SDG Narrative

Def Code/Samples affected: _____

PO.23 Pages are missing in hardcopy of data.

Def Code/Samples affected: _____

PO.24 GC/MS confirmation was not performed for sample.

Def. Code/Samples affected: _____

PO.25 [¹RICs/²Spectra] is not submitted for GC/MS confirmation of pesticide/PCB compound(s).

Def. Code/Samples affected: _____

PO.26 [¹EPA Sample Number/²Compound Name or CAS Number] is missing on spectra for GC/MS confirmation. Def Code/Samples affected: _____

Criterion PC : Initial Calibration of Single Component Analytes

PC.1 Form [¹6E/²6F] was not submitted.

Def. Code/Samples affected: _____

Criterion PCII : Initial calibration of Multi-Component Analytes

PCII.1 Form 6G was not submitted.

Def. Code/Samples affected: _____

Criterion PCIII : Pesticide Analyte Resolution Summary

PCIII.1 Form 6H was not submitted.

Def. Code/Samples affected: _____

Criterion PCIV : Resolution

PCIV.1 Form [¹6I/²6J/³6K] was not submitted.

Def. Code/Samples affected: _____

PCIV.3 [¹GC Column/²GC Internal Diameter /³Instrument ID/⁴EPA Sample No. /⁵Date Analyzed/⁶Time Analyte] is missing for column [¹1/²2] on form 6I.

Def code/Samples affected: _____

PCIV.4 [¹Analyte/²RT/³Resolution] is missing for column [¹1/²2] on Form 6I.

Def code/Samples affected: _____

PCIV.6 [¹GC Column/²GC Internal Diameter /³Instrument ID/⁴EPA Sample No. /⁵Date Analyzed/⁶Time Analyzed] is missing for column [¹1/²2] on form 6J.

Def code/Samples affected: _____

PCIV.7 [¹Analyte/²RT/³Resolution] is missing for column [¹1/²2] on Form 6J.

Def code/Samples affected: _____

PCIV.9 [¹GC Column/²GC Internal Diameter /³Instrument ID/⁴EPA Sample No. /⁵Date Analyzed/⁶Time Analyzed] is missing for column [¹1/²2] on form 6K.

Def code/Samples affected: _____

PCIV.10 [¹Analyte/²RT/³Resolution] is missing for column [¹1/²2] on Form 6K.

Def code/Samples affected: _____

PCIV.11 Single component pesticides and surrogate peaks do not have a % Resolution of $\geq 90\%$ for PEMs on both columns. Def. Code/Samples affected: _____

PCIV.12 Resolution of any two adjacent peaks in the mid-point concentrations of Individual standard Mixtures A and B is not $\geq 90\%$ on both columns.

Def. Code/Samples affected: _____

PCIV.13 Analytes are not listed in retention time order on Form [¹6I/²6J /³6K].

Def. Code/Samples affected: _____

Criterion PD : Pesticide Calibration Verification Summary

PD.1 Form [¹7E/²7F] was not submitted.

Def. Code/Samples affected: _____

Criterion PH : Pesticide Analytical Sequence

PH.1 Form 8D was not submitted.

Def. Code/Samples affected: _____

Criterion PM : Extract Cleanup Procedures (Florisil)

PM.1 Form 9A was not submitted.

Def. Code/Samples affected: _____

PM.5 EPA Sample Number is missing for each [¹Sample/²Blank/³MS/⁴MSD] associated with a Florisil cartridge. Def Code/Samples affected: _____

Criterion PMII : Extract Clean up Procedures (GPC)

PMII.1 Form 9B was not submitted.

Def. Code/Samples affected: _____

Criterion PN : Pesticide Identification Summary for Single Component/Multi Component Analytes

PN.1 Form [¹10A/²10B] was not submitted.

Def Code/Samples affected: _____

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

2

CCS SCREENING RESULT OF DISKETTE, BASE PERIOD

```
*****
*****
*****
****          SCREENING PACKAGE          ****
****          SUMMARY INFORMATION          ****
****          ==      OLM04      ==          ****
****          SDG:  A1C59          ****
****          CASE: 32635          ****
****          LAB:  CEIMIC          ****
****          CONTRACT: 68W03018          ****
****          REGION: 1          ****
****          FLEX PERCENTAGE: .          ****
****          DRD:  03/30/2004          ****
****          SDG RECEIPT DATE: 03/10/2004 ****
****          SCREEN DATE: 4-6-04          ****
****          MAIL DATE 1: 4-5-04          ****
****          SCREENER: JWR/MR04101604 ****
****          THIS PROGRAM WAS RUN ON : 03/30/2004 ****
****          AT : 12:00:15          ****
****          ****
****          CHEMIST COPY (CURRENT PC-CCS IS 1.5 ON 02/99) ****
****          SITE ID = 0045713001          ****
****          ASF NAME = SMOM.OLM3.CEIMIC.A1C59.D033004.A ****
****          ASF LINES = 3,845          ****
*****
*****
```


U.S.E.P.A CONTRACT LABORATORY PROGRAM

4

SAMPLE MANAGEMENT OFFICE

- OPERATED BY DYNCORP

ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

```
*****
*****
**                                     **
**                               WARNING                               **
**                                     **
** DISCREPANCIES EXIST BETWEEN THE SAMPLE SUFFIX, QC CODE,        **
** SAMPLE QUALIFIER, AND/OR MATRIX ON THE FOLLOWING SAMPLES.      **
**                                     **
** PLEASE BE AWARE OF THEM AS YOU SCREEN THE PACKAGE.            **
**                                     **
**                               THANK YOU AND HAVE A NICE DAY.      **
**                                     **
*****
*****
```

SAMPLE:A1C59	CHECKSUM:00917B1B0	CURRENT VALUE:FRB	20
		FRB	20
SAMPLE:A1C60	CHECKSUM:0095443FD	CURRENT VALUE:FRB	20
		FRB	20
		FRB	20
SAMPLE:A1C61	CHECKSUM:008438CFB	CURRENT VALUE:FRB	20
		FRB	20
		FRB	20
SAMPLE:A1C62	CHECKSUM:008801F50	CURRENT VALUE:FRB	20
		FRB	20
		FRB	20
SAMPLE:A1C63	CHECKSUM:00991D68A	CURRENT VALUE:FRB	20
		FRB	20
		FRB	20
SAMPLE:A1C64	CHECKSUM:0102868E5	CURRENT VALUE:FRB	20
		FRB	20
		FRB	20
SAMPLE:A1C70	CHECKSUM:00709CF73	CURRENT VALUE:FRM	20
		FRM	20
SAMPLE:PEM0A	CHECKSUM:001758E4D	CURRENT VALUE:CLE	20
SAMPLE:PEM0B	CHECKSUM:00517CB95	CURRENT VALUE:CLE	20
SAMPLE:PEM0G	CHECKSUM:00575AEBF	CURRENT VALUE:CLE	20
SAMPLE:PEM0J	CHECKSUM:011006B3E	CURRENT VALUE:CLE	20
SAMPLE:PEM1A	CHECKSUM:001758D04	CURRENT VALUE:CLE	20
SAMPLE:PEM1B	CHECKSUM:00517C99A	CURRENT VALUE:CLE	20

SAMPLE:PEM1G	CHECKSUM:00575ACAA	CURRENT VALUE:CLE	20	5
SAMPLE:PEM1J	CHECKSUM:0110065AC	CURRENT VALUE:CLE	20	

U.S.E.P.A CONTRACT LABORATORY PROGRAM
 SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
 ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

6

LAB RECEIPT DATES BY SAMPLE
 **** THIS REPORT SHOWS DISCREPANCIES IN LABORATORY RECEIPT DATE (LRD) BETWEEN FRACTIONS OF A SAMPLE. ****
 PLEASE CHECK TO MAKE SURE THESE DATES ARE CORRECT

----- LAB=CEIMIC SDG=A1C59 DRD=30MAR2004 -----

SAMPLE	LAB RECEIPT DATE VOLATILES	LAB RECEIPT DATE SEMIVOLATILES	LAB RECEIPT DATE PESTICIDES
PE A1C59	CLAPS	04MAR2004	04MAR2004
A1C60 - FRC		04MAR2004	04MAR2004
FRC A1C61		04MAR2004	04MAR2004
A1C62 - FRC		04MAR2004	04MAR2004
A1C63		05MAR2004	05MAR2004
A1C64 - FRC		10MAR2004	10MAR2004
PE A1C70		04MAR2004	04MAR2004

QC! All FRB, FRM, NO MS/MSD.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

7

MODIFIED/ENHANCED CCS DEFECT LIST

CCS SCREENING RESULT OF DISKETTE, BASE PERIOD

The Web-CCS software is available on the world wide web at
<http://mssiis2.dynacorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-4302
IF YOU HAVE ANY QUESTIONS.

Some defects have been modified/enhanced in the CCS automated screening system. CLP laboratories are allowed a two-week grace period to make necessary changes for future submissions. If any of these defects are applicable to this SDG, they will be listed in the CCS Notification section following the defect detail.

Defect	Grace Period Expires	Defect Message
-----	-----	-----
N/A		

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
 SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
 ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

9

DEFECT FREQUENCY REPORT

THIS REPORT PROVIDES A STATISTICAL SUMMARY OF THE DEFECTS PRESENT IN THIS SDG.

LAB: CEIMIC SDG: A1C59

			NUMBER OF DEFECTS	PERCENT OF TOTAL DEFECTS
FRACTION	CRITERIA	DEFECT MESSAGE		
SEMI	BH.2.1 	Associated MS QC was not performed. (Exhibit D SVOA Sec 12.2.2)	1	50.00
	BH.2.2 	Associated MSD QC was not performed. (Exhibit D SVOA Sec 12.2.2)	1	50.00
TOTAL			2	100.00

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

10

== FILE SKELETON ==

Obs	FRAC	SAMPLE	QC	SQ	LEVEL	MATRIX	DILUT	ANALYSIS DATE	ANAL. TIME	LAB FILE/ SAMP_ID	COL_ID	INSTID	MB_FID	SB_FID	REC_REF	RUN
1	PEST	FLOSP1446A	FLO			0		04-02-25	13:53	SP1446A	DB35	GC8			000032E4F	1
2	PEST		MNC			0				AVERAGE	DB35	GC8			00029BAF9	1
3	PEST	RESC1A	LPC			0		04-03-11	15:19	RESC1A	DB35	GC8			001556757	1
4	PEST	PEM1A	CLE			WATER		04-03-11	15:53	PEM1A	DB35	GC8			001758D04	1
5	PEST	AR16601A	CLS			0		04-03-11	16:27	AR16601A	DB35	GC8			00198067B	1
6	PEST	AR12211A	CLS			0		04-03-11	17:01	AR12211A	DB35	GC8			002249E33	1
7	PEST	AR12321A	CLS			0		04-03-11	17:35	AR12321A	DB35	GC8			00240957C	1
8	PEST	AR12421A	CLS			0		04-03-11	18:08	AR12421A	DB35	GC8			002568D86	1
9	PEST	AR12481A	CLS			0		04-03-11	18:42	AR12481A	DB35	GC8			002728688	1
10	PEST	AR12541A	CLS			0		04-03-11	19:16	AR12541A	DB35	GC8			0028880E9	1
11	PEST	TOXAPH1A	CLS			0		04-03-11	19:50	TOXAPH1A	DB35	GC8			003047C9E	1
12	PEST	INDAL1A	CLM			0		04-03-11	20:24	INDAL1A	DB35	GC8			003207698	1
13	PEST	INDBL1A	CLM			0		04-03-11	20:58	INDBL1A	DB35	GC8			00345F799	1
14	PEST	INDAM1A	CLM			0		04-03-11	22:39	INDAM1A	DB35	GC8			003748BB0	1
15	PEST	INDBM1A	CLM			0		04-03-11	23:13	INDBM1A	DB35	GC8			00399496E	1
16	PEST	INDAH1A	CLM			0		04-03-12	0:55	INDAH1A	DB35	GC8			004281CA2	1
17	PEST	INDBH1A	CLM			0		04-03-12	1:29	INDBH1A	DB35	GC8			004539CA6	1
18	PEST	PIBLK1A	LIB			WATER	1	04-03-12	2:02	PIBLK1A	DB35	GC8			0048260E1	1
19	PEST	PEM1B	CLE			WATER	1	04-03-12	2:36	PEM1B	DB35	GC8			00517C99A	1
20	PEST	PIBLK1G	LIB			WATER	1	04-03-13	17:56	PIBLK1G	DB35	GC8			0054043EA	1
21	PEST	PEM1G	CLE			WATER	1	04-03-13	18:30	PEM1G	DB35	GC8			00575ACAA	1
22	PEST	PBLK01	LRB			WATER	1	04-03-13	19:38	P0305-B6	DB35	GC8			0059827C8	1
23	PEST	PBLK02	LRB			WATER	1	04-03-13	20:45	P0308-B2	DB35	GC8			00635B521	1
24	PEST	PBLK03	LRB			WATER	1	04-03-13	21:53	P0311-B3	DB35	GC8			006724287	1
25	PEST	A1C70	FRM			WATER	1	04-03-13	23:01	040184-05	DB35	GC8	P0305-B6		00709CF73	1
26	PEST	PIBLK1H	LIB			WATER	1	04-03-14	3:31	PIBLK1H	DB35	GC8			00754CA66	1
27	PEST	INDAM1H	CLE			0		04-03-14	4:05	INDAM1H	DB35	GC8			0078933B2	1
28	PEST	INDBM1H	CLE			0		04-03-14	4:38	INDBM1H	DB35	GC8			00814BE06	1
29	PEST	A1C61	FRB			WATER	1	04-03-14	5:12	040184-01	DB35	GC8	P0305-B6		008438CFB	1
30	PEST	A1C62	FRB			WATER	1	04-03-14	5:46	040184-02	DB35	GC8	P0305-B6		008801F50	1
31	PEST	A1C59	FRB			WATER	1	04-03-14	6:20	040184-03	DB35	GC8	P0305-B6		00917B1B0	1
32	PEST	A1C60	FRB			WATER	1	04-03-14	6:53	040184-04	DB35	GC8	P0305-B6		0095443FD	1
33	PEST	A1C63	FRB			WATER	1	04-03-14	7:27	040184-06	DB35	GC8	P0308-B2		00991D68A	1
34	PEST	A1C64	FRB			WATER	1	04-03-14	8:01	040184-07	DB35	GC8	P0311-B3		0102868E5	1
35	PEST	PIBLK1J	LIB			WATER	1	04-03-14	10:50	PIBLK1J	DB35	GC8			01065FCE1	1
36	PEST	PEM1J	CLE			WATER	1	04-03-14	11:24	PEM1J	DB35	GC8			0110065AC	1
37	PEST	FLOSP1446A	FLO			0		04-02-25	13:53	SP1446A	DB5	GC8			000032E1C	2
38	PEST		MNC			0				AVERAGE	DB5	GC8			00029BAC6	2
39	PEST	RESC0A	LPC			0		04-03-11	15:19	RESC0A	DB5	GC8			001556861	2
40	PEST	PEM0A	CLE			WATER		04-03-11	15:53	PEM0A	DB5	GC8			001758E4D	2
41	PEST	AR16600A	CLS			0		04-03-11	16:27	AR16600A	DB5	GC8			001980739	2
42	PEST	AR12210A	CLS			0		04-03-11	17:01	AR12210A	DB5	GC8			002249F6D	2
43	PEST	AR12320A	CLS			0		04-03-11	17:35	AR12320A	DB5	GC8			0024096F2	2
44	PEST	AR12420A	CLS			0		04-03-11	18:08	AR12420A	DB5	GC8			002568ED3	2
45	PEST	AR12480A	CLS			0		04-03-11	18:42	AR12480A	DB5	GC8			002728852	2
46	PEST	AR12540A	CLS			0		04-03-11	19:16	AR12540A	DB5	GC8			00288831A	2
47	PEST	TOXAPH0A	CLS			0		04-03-11	19:50	TOXAPH0A	DB5	GC8			003047EB7	2
48	PEST	INDAL0A	CLM			0		04-03-11	20:24	INDAL0A	DB5	GC8			003207899	2
49	PEST	INDBL0A	CLM			0		04-03-11	20:58	INDBL0A	DB5	GC8			00345F97D	2
50	PEST	INDAM0A	CLM			0		04-03-11	22:39	INDAM0A	DB5	GC8			00374BDC4	2
51	PEST	INDBM0A	CLM			0		04-03-11	23:13	INDBM0A	DB5	GC8			00399485B	2

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

11

== FILE SKELETON ==

Obs	FRAC	SAMPLE	QC	SQ	LEVEL	MATRIX	DILUT	ANALYSIS DATE	ANAL. TIME	LAB FILE/ SAMP_ID	COL_ID	INSTID	MB_FID	SB_FID	REC_REF	RUN
52	PEST	INDAHOA	CLM			0		04-03-12	0:55	INDAHOA	DB5	GC8			004281ECA	2
53	PEST	INDBHOA	CLM			0		04-03-12	1:29	INDBHOA	DB5	GC8			004539E7B	2
54	PEST	PIBLKOA	LIB			WATER	1	04-03-12	2:02	PIBLKOA	DB5	GC8			0048262C6	2
55	PEST	PEMOB	CLE			WATER		04-03-12	2:36	PEMOB	DB5	GC8			00517CB95	2
56	PEST	PIBLKOG	LIB			WATER	1	04-03-13	17:56	PIBLKOG	DB5	GC8			005404600	2
57	PEST	PEMOG	CLE			WATER		04-03-13	18:30	PEMOG	DB5	GC8			00575AEBF	2
58	PEST	PBLK01	LRB			WATER	1	04-03-13	19:38	P0305-B6	DB5	GC8			005982A0E	2
59	PEST	PBLK02	LRB			WATER	1	04-03-13	20:45	P0308-B2	DB5	GC8			00635B785	2
60	PEST	PBLK03	LRB			WATER	1	04-03-13	21:53	P0311-B3	DB5	GC8			006724508	2
61	PEST	A1C70	FRM			WATER	1	04-03-13	23:01	040184-05	DB5	GC8	P0305-B6		00709D20B	2
62	PEST	PIBLKOH	LIB			WATER	1	04-03-14	3:31	PIBLKOH	DB5	GC8			00754CCE3	2
63	PEST	INDAMOH	CLE			0		04-03-14	4:05	INDAMOH	DB5	GC8			00789362A	2
64	PEST	INDBMOH	CLE			0		04-03-14	4:38	INDBMOH	DB5	GC8			00814C196	2
65	PEST	A1C61	FRB			WATER	1	04-03-14	5:12	040184-01	DB5	GC8	P0305-B6		0084391DE	2
66	PEST	A1C62	FRB			WATER	1	04-03-14	5:46	040184-02	DB5	GC8	P0305-B6		008802442	2
67	PEST	A1C59	FRB			WATER	1	04-03-14	6:20	040184-03	DB5	GC8	P0305-B6		00917B6B3	2
68	PEST	A1C60	FRB			WATER	1	04-03-14	6:53	040184-04	DB5	GC8	P0305-B6		009544915	2
69	PEST	A1C63	FRB			WATER	1	04-03-14	7:27	040184-06	DB5	GC8	P0308-B2		00991DBBE	2
70	PEST	A1C64	FRB			WATER	1	04-03-14	8:01	040184-07	DB5	GC8	P0311-B3		010286E29	2
71	PEST	PIBLK0J	LIB			WATER	1	04-03-14	10:50	PIBLK0J	DB5	GC8			01065027B	2
72	PEST	PEMOJ	CLE			WATER		04-03-14	11:24	PEMOJ	DB5	GC8			011006B3E	2
73	BNA		MNC			0					ZB5	MS9			000032A1E	3
74	BNA	DFTPP	LPC			0		04-03-08	8:42	IJ872	ZB5	MS9			00077B0BB	3
75	BNA	SSTD05016	CLM			0		04-03-08	9:18	IJ873	ZB5	MS9			0008104CA	3
76	BNA	SSTD02016	CLM			0		04-03-08	11:25	IJ874	ZB5	MS9			00169072B	3
77	BNA	SSTD08016	CLM			0		04-03-08	11:57	IJ875	ZB5	MS9			0025700EC	3
78	BNA	SSTD12016	CLM			0		04-03-08	12:29	IJ876	ZB5	MS9			003450431	3
79	BNA	SSTD16016	CLM			0		04-03-08	13:01	IJ877	ZB5	MS9			0043313DB	3
80	BNA	DFTPP02	LPC			0		04-03-09	12:35	IJ879	ZB5	MS9			0052123C2	3
81	BNA	SSTD0501L	CLC			0		04-03-09	13:00	IJ880	ZB5	MS9			0052577D9	3
82	BNA	SBLK1S	LRB		LOW	WATER	1	04-03-09	13:43	IJ881	ZB5	MS9			00613C180	3
83	BNA	SBLK1T	LRB		LOW	WATER	1	04-03-09	14:15	IJ882	ZB5	MS9			007053B69	3
84	BNA	A1C61	FRB		LOW	WATER	1	04-03-09	15:51	IJ885	ZB5	MS9	IJ881		00800D2B0	3
85	BNA	A1C62	FRB		LOW	WATER	1	04-03-09	16:24	IJ886	ZB5	MS9	IJ881		00901B04C	3
86	BNA	A1C59	FRB		LOW	WATER	1	04-03-09	16:56	IJ887	ZB5	MS9	IJ881		009996AD8	3
87	BNA	A1C60	FRB		LOW	WATER	1	04-03-09	17:28	IJ888	ZB5	MS9	IJ881		01121360A	3
88	BNA	A1C63	FRB		LOW	WATER	1	04-03-09	18:00	IJ889	ZB5	MS9	IJ882		01219FCFD	3
89	BNA	DFTPP	LPC			0		04-03-12	10:04	IJ937	ZB5	MS9			01314A03F	3
90	BNA	SSTD0501P	CLC			0		04-03-12	10:24	IJ938	ZB5	MS9			01318F41C	3
91	BNA	SBLK1Z	LRB		LOW	WATER	1	04-03-12	11:32	IJ940	ZB5	MS9			0140640E3	3
92	BNA	A1C64	FRB		LOW	WATER	1	04-03-12	12:04	IJ941	ZB5	MS9	IJ940		01507195A	3

NO FRB

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

12.

DEFECT DETAIL

LAB:CEIMIC SDG:A1C59 DRD:03/30/2004

CRIT	SAMPLE	CAS #	CURRENT-VALUE	CORRECT-VALUE	
BH.2.1	✓		Associated MS QC was not performed. (Exhibit D SVOA Sec	12.2.2)	
		* A1C59	.		
BH.2.2	✓		Associated MSD QC was not performed. (Exhibit D SVOA Sec	12.2.2)	
		* A1C59	.		

QC! Refer to
CLPAS.

13

CASE: 32635
LAB CODE: CEIMIC
SDG NO: A1C59

CONTRACT: 68W03018

SAMPLES: 7
SAS NO.:
REGION: 1

SCREENER: _____

DATE RECEIVED 03/30/2004

[illegible]

RES 3

SC 41504

THIS REPORT SUMMARIZES BY SAMPLE THE TECHNICAL DEFECTS NOTED ON THE LABORATORY DATA SUBMISSION. THE "AN" ("ANALYZLED") COLUMNS SHOW WHETHER THE SAMPLE WAS (Y) OR WAS NOT (NA) ANALYZED. NUMBERS IN THE "AN" OR "EX" ("EXTRACTION") COLUMNS INDICATE THE DAYS BY WHICH THE SAMPLE VIOLATED THE HOLDING TIME. NUMBERS IN THE "TECHNICAL/MANUAL DEFECTS" COLUMNS SHOW THE NUMBER OF NON-COMPLIANCE DEFECTS NOTED FOR A SAMPLE WITH REFERENCE TO A SPECIFIC CRITERION.

CAUTION: THE DEFECTS IDENTIFIED BELOW MAY MASK OTHER DEFECTS WITHIN THE DATA.

CASE: 32635	CONTRACT: 68W03018	SAMPLES: 26	RESPONSE DATE: 04/08/2004
LAB CODE: CEIMIC		SAS NO.:	
SDG NO: A1C37		REGION: 1	MAIL DATE (2): 04/14/2004

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
RESUBMISSION

RES 4

DEFECT COUNTS BY SAMPLE AND CRITERION

CASE: 32635
LAB CODE: CEIMIC
SDG NO: A1C37

CONTRACT: 68W03018

SAMPLES: 26
SAS NO.:
REGION: 1

RESPONSE DATE: 04/08/2004

MAIL DATE (2): 04/14/2004

SAMPLE	HOLDING TIMES					TECHNICAL/MANUAL DEFECTS															
	V	B	B	P	P	D	M	Q	B	T	I	C	I	A	C	P	M				
	O	N	N	E	E	A	O	C	L	U	N	O	N	N	L		A				
	A	A	A	S	S	T	N		A	N	I	N	T		N	H	N				
	A	E	A	E	A	A	I		N	E	T	T	S	S	-	I	U				
	N	X	N	X	N		R		K			C	C	D	Q	P	S				
A1C47	NA		Y		Y																
A1C47DL	NA		Y		Y																
A1C48	NA		Y		Y																
A1C49	NA		Y		Y																
A1C50	NA		Y		Y																
A1C51	NA		Y		Y																
A1C52	NA		Y		Y																
A1C52DL	NA		NA		Y																
A1C69	NA		Y		NA																
A1C69DL	NA		Y		NA																
A1C71	NA		NA		Y																
A1C72	NA		NA		Y																

RES 6

SAMPLES: 26

SAS NO. :

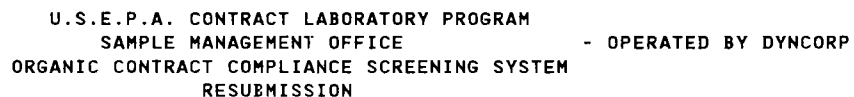
REGION: 1

RESPONSE DATE: 04/08/2004

MAIL DATE (2): 04/14/2004

CASE: 32635
LAB CODE: CEIMIC
SDG NO: A1C37

[illegible]



DEFECT COUNTS FOR PESTICIDE FRACTION

THIS REPORT SUMMARIZES BY SAMPLE THE TECHNICAL DEFECTS NOTED ON THE HARDCOPY DATA PACKAGE. THE "AN" ("ANALYZED") COLUMNS SHOW WHETHER THE SAMPLE WAS (Y) OR WAS NOT (NA) ANALYZED. NUMBERS IN THE "AN" OR "EX" ("EXTRACTION") COLUMNS INDICATE THE DAYS BY WHICH THE SAMPLE VIOLATED THE HOLDING TIME. NUMBERS IN THE "TECHNICAL/MANUAL DEFECTS" COLUMNS SHOW THE NUMBER OF NON-COMPLIANCE DEFECTS NOTED FOR A SAMPLE WITH REFERENCE TO A SPECIFIC CRITERION.

CASE: 32635	CONTRACT: 68W03018	SAMPLES: 26	RESPONSE DATE: 04/08/2004
LAB CODE: CEIMIC		SAS NO.:	
SDG NO: A1C37		REGION: 1	MAIL DATE (2): 04/14/2004

[illegible]

RES 8

SAMPLES: 26

SAS NO. :

REGION: 1

RESPONSE DATE: 04/08/2004

MAIL DATE (2): 04/14/2004

CASE: 32635
LAB CODE: CEIMIC
SDG NO: A1C37

CONTRACT: 68W03018

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

RES 10

THIS REPORT IS A SUMMARY OF THE SCREENERS COMMENTS REGARDING THE TECHNICAL AND MANUAL DEFECTS FOUND
IN THIS SDG.

LABORATORY CODE : CEIMIC
REGION : 1
DATE MAILED :

CASE: 32635
SDG_NO. : A1C37

DATE RECEIVED : 30MAR2004

SAMPLE	FRACTION	CRITERION	COMMENTS
	SEMI	BI.12.2.1	THANK YOU FOR YOUR RESPONSE
	SEMI	BI.29	THANK YOU FOR YOUR RESPONSE

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

RES 11

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

RES 12

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

RES 1

CCS SCREENING RESULT OF MANUAL SCREENING RESULTS, OPTION PERIOD

```
*****
*****
*****
****
****      S C R E E N I N G   P A C K A G E      ****
****      S U M M A R Y   I N F O R M A T I O N    ****
****
****      ==   O L M 0 4   ==                      ****
****
****      SDG:   A1C37                             ****
****              RESUBMITTED                      ****
****
****      CASE:  32635                             ****
****
****      LAB:   CEIMIC                             ****
****
****      CONTRACT: 68W03018                       ****
****
****      REGION:  1                               ****
****
****      FLEX PERCENTAGE: .                        ****
****
****      RESPONSE DATE: 04/08/2004                 ****
****
****      SDG RECEIPT DATE: 03/10/2004              ****
****
****      MAIL DATE 1: 04/05/2004                   ****
****
****      MAIL DATE 2: 04/14/2004                   ****
****
*****
*****
*****
```

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

RES 2

MODIFIED/ENHANCED CCS DEFECT LIST

CCS SCREENING RESULT OF MANUAL SCREENING RESULTS, OPTION PERIOD

.
The Web-CCS software is available on the world wide web at
<http://mssiis2.dynacorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-4302
IF YOU HAVE ANY QUESTIONS.

.
Some defects have been modified/enhanced in the CCS automated screening
system. CLP laboratories are allowed a two-week grace period to make
necessary changes for future submissions. If any of these defects are
applicable to this SDG, they will be listed in the CCS Notification
section following the defect detail.

Defect	Grace Period Expires	Defect Message
-----	-----	-----
N/A		

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

- OPERATED BY DYNCORP

3

DEFECT COUNTS BY SAMPLE AND CRITERION

cc se 4-5-04

EXPLANATORY NOTES

THIS REPORT SUMMARIZES BY SAMPLE THE TECHNICAL DEFECTS NOTED ON THE LABORATORY DATA SUBMISSION. THE "AN" ("ANALYZED") COLUMNS SHOW WHETHER THE SAMPLE WAS (Y) OR WAS NOT (NA) ANALYZED. NUMBERS IN THE "AN" OR "EX" ("EXTRACTION") COLUMNS INDICATE THE DAYS BY WHICH THE SAMPLE VIOLATED THE HOLDING TIME. NUMBERS IN THE "TECHNICAL/MANUAL DEFECTS" COLUMNS SHOW THE NUMBER OF NON-COMPLIANCE DEFECTS NOTED FOR A SAMPLE WITH REFERENCE TO A SPECIFIC CRITERION.
CAUTION: THE DEFECTS IDENTIFIED BELOW MAY MASK OTHER DEFECTS WITHIN THE DATA.

CCS SCREENING RESULT OF SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

CASE: 32635
LAB CODE: CEIMIC
SDG NO: A1C37

CONTRACT: 68W03018

SAMPLES: 26
SAS NO.:
REGION: 1

DATE RECEIVED: 03/30/2004

MAIL DATE (1): 04/05/2004

SAMPLE	HOLDING TIMES						TECHNICAL/MANUAL DEFECTS															
	V	B	B	P	P	D	M	Q	B	T	I	C	I	A	C	P	M					
	O	N	N	E	E	A	O	C	L	U	N	O	N	N	L	H	A					
	A	A	A	S	S	A	I	I	N	E	T	T	S	S	I	I	U					
	A	E	A	E	A	T	K															
	N	X	N	X	N	R					C	C	D	Q	P	S	L					
A1C37	NA		Y		Y																	
A1C37MS	NA		Y		Y																	
A1C37MSD	NA		Y		Y																	
A1C38	NA		Y		Y																	
A1C39	NA		Y		Y																	
A1C39DL	NA		Y		Y																	
A1C40	NA		Y		Y																	
A1C41	NA		Y		Y																	
A1C42	NA		Y		Y																	
A1C43	NA		Y		Y																	
A1C44	NA		Y		Y																	
A1C45	NA		Y		Y																	
A1C46	NA		Y		Y																	
A1C46DL	NA		Y		NA																	

4-8-04 RECONCILIATION DATES
REC'D (1) 04/13/04 Y CORR.
REC'D (2) 04/13/04 Y CORR.

4

SAMPLES: 26
SAS NO.:
REGION: 1

MAIL DATE (1): 04/05/2004

CASE: 32635
LAB CODE: CEIMIC
SDG NO: A1C37

[illegible]

6

SAMPLES: 26

SAS NO. :

REGION: 1

DATE RECEIVED: 03/30/2004

MAIL DATE (1): 04/05/2004

CONTRACT: 68W03018

[illegible]

- OPERATED BY DYNCORP

DEFECT COUNTS FOR PESTICIDE FRACTION

THIS REPORT SUMMARIZES BY SAMPLE THE TECHNICAL DEFECTS NOTED ON THE HARDCOPY DATA PACKAGE. THE "AN" ("ANALYZED") COLUMNS SHOW WHETHER THE SAMPLE WAS (Y) OR WAS NOT (NA) ANALYZED. NUMBERS IN THE "AN" OR "EX" ("EXTRACTION") COLUMNS INDICATE THE DAYS BY WHICH THE SAMPLE VIOLATED THE HOLDING TIME. NUMBERS IN THE "TECHNICAL/MANUAL DEFECTS" COLUMNS SHOW THE NUMBER OF NON-COMPLIANCE DEFECTS NOTED FOR A SAMPLE WITH REFERENCE TO A SPECIFIC CRITERION.

CASE: 32635
LAB CODE: CEIMIC
SDG NO: A1C37

CONTRACT: 68W03018

SAMPLES: 26

SAS NO. :

REGION: 1

DATE RECEIVED: 03/30/2004

MAIL DATE (1): 04/05/2004

[illegible]

8

MAIL DATE (1): 04/05/2004

CONTRACT: 68W03018

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

9

DEFECT FREQUENCY REPORT

THIS REPORT PROVIDES A STATISTICAL SUMMARY OF THE DEFECTS PRESENT IN THIS SDG.

LAB: CEIMIC SDG: A1C37

FRACTION	CRITERIA	DEFECT MESSAGE	NUMBER OF	PERCENT OF
			DEFECTS	TOTAL DEFECTS
SEMI	BI.12.2.1	Spectra are not submitted for Sample. (Exhibit B Sec. 2.6.4.2.4)*	1	50.00
	BI.29	Pages are missing in hardcopy data. (Exhibit B Sec. 2.0)*	1	50.00
TOTAL			2	100.00

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

10

DEFECT DETAIL

LAB:CEIMIC SDG:A1C37 DRD:03/30/2004

-----BNA-(BEGIN)

CRIT SAMPLE CAS # CURRENT-VALUE CORRECT-VALUE

BI.12.2.1 Spectra are not submitted for Sample. (Exhibit B Sec. 2.6.4.2.4)*

* A1C42

BI.29 Pages are missing in hardcopy data. (Exhibit B Sec. 2.0)*

* A1C42

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

11

| THIS REPORT IS A SUMMARY OF THE SCREENERS COMMENTS REGARDING THE TECHNICAL AND MANUAL DEFECTS FOUND |
IN THIS SDG.

LABORATORY CODE : CEIMIC
REGION : 1
DATE MAILED :

CASE: 32635
SDG_NO. : A1C37

DATE RECEIVED : 30MAR2004

SAMPLE	FRACTION	CRITERION	COMMENTS
A1C42	SEMI	BI.12.2.1	Defect is valid for Benzo-(a)pyrene,Indeno (1,2,3-cd)pyrene,Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene.
A1C42	SEMI	BI.29	All the TIC spectra are missing.
A1C37		.*.	Alkane (i.e Butane) is reported as TIC on Form 1. See OLM04 SOW Exhibit D VOA sec. 11.4.3.2.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

12

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

13

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

2

MODIFIED/ENHANCED CCS DEFECT LIST

CCS SCREENING RESULT OF SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

The Web-CCS software is available on the world wide web at
<http://mssiis2.dyncorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-4302
IF YOU HAVE ANY QUESTIONS.

Some defects have been modified/enhanced in the CCS automated screening
system. CLP laboratories are allowed a two-week grace period to make
necessary changes for future submissions. If any of these defects are
applicable to this SDG, they will be listed in the CCS Notification
section following the defect detail.

Defect	Grace Period Expires	Defect Message
-----	-----	-----
N/A		

1

[illegible]

CASE: 32635 LAB CODE: CEIMIC SDG: A1C37 DATE 3/30/04

RECEIVED:

SCREENER: HS/YY

DATE 4/01/04

SCREENED:

SAMPLE	FRACTION	CRITERION	COMMENTS
A1C42	BNA	BI.12.2.1	Defect is valid for Benzo-(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene
A1C42	BNA	BI.29	All the TIC spectra are missing.
A1C37	BNA	.*.	Alkane (i.e. Butane) is reported as TIC on Form 1. See OLM04 SOW Exhibit D VOA sec. 11.4.3.2.

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/04

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No Change	LRD	Fraction	Status*	Comments
---------------	------------------	-----	----------	---------	----------

General Comments: CEIMIC reported that they had received the inorganic samples for Case 32635. Per Region 1, the inorganic samples were shipped to BONNER on 3/3/04. CEIMIC received the organic samples from BONNER on 3/4/04.

N/A

CC:

IPAC DATE PROCESSED:

T&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22979

4/1/2004 10:26:15 AM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/04

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W03067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

General Comments: BONNER reported that they had received the organic samples for Case 32635. Per Region 1, the organic samples were shipped to CEIMIC on 3/3/04. BONNER received the inorganic samples from CEIMIC on 3/4/04.

N/A

CC:

IPAC DATE PROCESSED:

T&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22980

4/1/2004 10:26:16 AM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/9/04

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W02067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

**General
Comments:**

BONNER reported that sample MA1C37 had a total solids of 15.2%, and that the sample was green, had a "non dirt matrix physical characteristic", and was almost slippery when touched. In addition, the sample went from green in color to clear after being baked. Per the Region, the sample appeared to be a colored clay material to the field sampling team. However, based on the information received from the Inorganic CLP lab, the sample melted during percent solids determination, yielding a low percent solid. The Region's concern is that the sample may be a highly concentrated organic material. Per the Region, the lab should proceed with caution during the analysis, and report any problems with sample preparation and analysis.

N/A

CC:

IPAC DATE PROCESSED:

T&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22991

4/1/2004 10:26:17 AM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/10/04

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

**General
Comments:**

CEIMIC reported that the TR/COC listed that the aqueous samples did not require laboratory QC, but sample A1C59 is listed on the TR/COC as a "Drill Rig Tank Water" sample. Per Region 1, the sample is a QA sample on the water used during the drilling process and should not be used for laboratory QC.

N/A

CC:

IPAC DATE PROCESSED:

T&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22992

4/1/2004 10:26:17 AM



USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Cooler No. EPA A6010274

Case No:	32635
DAS No:	A1C37/
SDG No:	A1C59/A1C58 ³
L	
For Lab Use Only EA 3/11/04	
Lab Contract No:	68W03018
Unit Price:	8/1
Transfer To:	JM 03/10/04
Lab Contract No:	
Unit Price:	

Date Shipped:	3/9/2004	Chain of Custody Record	Sampler Signature:
Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Airbill:	840046580899	1 [Signature] 3/9/04 1100	
Shipped to:	Celmic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	2 [Signature]	
		3 [Signature]	
		4 [Signature] Joanna Majewski 3/10/04 4:30	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1C52	Soil (>12")	M/G	BNA/PEST (21)	193983 (Ice Only) (1)	SO-16	S: 3/8/2004 12:30	MA1C52	
A1C53	Soil (>12")	M/G	BNA (21)	193986 (Ice Only) (1)	SO-17	S: 3/8/2004 13:45	MA1C53	
A1C54	Soil (>12")	M/G	BNA (21)	193989 (Ice Only) (1)	SO-18	S: 3/8/2004 13:45	MA1C54	
A1C55	Soil (>12")	M/G	BNA (21)	193991 (Ice Only) (1)	SO-19	S: 3/8/2004 14:45	MA1C55	
A1C56	Soil (>12")	M/G	BNA (21)	193993 (Ice Only) (1)	SO-20	S: 3/8/2004 13:00	MA1C56	
A1C57	Soil (>12")	M/G	BNA (21)	193995 (Ice Only), 193996 (Ice Only), 193997 (Ice Only) (3)	SO-21	S: 3/8/2004 15:15	MA1C57	
*A1C58	Soil (>12")	M/G	BNA (21)	194000 (Ice Only) (1)	SO-22	S: 3/8/2004 14:20	MA1C58	
*A1C64	Field QC	M/G	BNA/PEST (21)	190532 (Ice Only), 190533 (Ice Only), 190534 (Ice Only), 190535 (Ice Only) (4)	RB-05	S: 3/8/2004 16:15	MA1C64	

* last sample in SDG A1C59

** last sample in SDG A1C58³ EA 3/11/04

o = last sample in SDG A1C37

COPY 3/11/04
Original Documents are
included in CSF
A1C53

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: A1C57	Additional Sampler Signature(s) [Signatures]	Cooler Temperature Upon Receipt	Chain of Custody Seal Number: JM 03/10/04
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact?	Shipment Iced? —
BNA = CLP TCL Semivolatiles, BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC				

TR Number: 1-520220259-030804-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4600



USEPA Contract Laboratory Program *Cooler No. EPARM96*
Organic Traffic Report & Chain of Custody Record

Case No: 32635
DAS No:
SDG No: *A1C37 / A1C59* **L**

Date Shipped: 3/4/2004 Carrier Name: FedEx Airbill: 840046580969 Shipped to: Celmic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only Lab Contract No: 68W03018 Unit Price: G/1 Transfer To: <i>JM 03/05/04</i> Lab Contract No: Unit Price:	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 <i>[Signature]</i>	3/4/04 1430			
	2				
	3				
4			<i>Joanna Majors</i> 3/5/04 10:00		

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1C40	Soil (>12")	M/G	BNA/PEST (21)	193947 (Ice Only) (1)	SO-04	S: 3/4/2004 12:05	MA1C40	
A1C44	Soil (>12")	M/G	BNA/PEST (21)	193959 (Ice Only) (1)	SO-08	S: 3/4/2004 12:05	MA1C44	
A1C48	Soil (>12")	M/G	BNA/PEST (21)	193971 (Ice Only) (1)	SO-12	S: 3/3/2004 15:00	MA1C48	
A1C49	Soil (>12")	M/G	BNA/PEST (21)	193974 (Ice Only) (1)	SO-13	S: 3/3/2004 16:30	MA1C49	
A1C63	Field QC	M/G	BNA/PEST (21)	190526 (Ice Only), 190527 (Ice Only), 190528 (Ice Only), 190529 (Ice Only) (4)	RB-04	S: 3/4/2004 14:00	MA1C63	

COPY
Original Documents are
included in CSF

JM 03/05/04 SDG A1C59

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>[Signature]</i>	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number: <i>JM 03/05/04</i>
Analysis Key: BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ☒	Shipment Iced? ☒

TR Number: 1-520220259-030404-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/616-4200; Fax 703/616-4500



USEPA Contract Laboratory Program *Cooler No. EPA9871*
Organic Traffic Report & Chain of Custody Record

Case No: 32635

DAS No:

SDG No:

A1C37

L

Date Shipped: 3/5/2004 Carrier Name: FedEx Airbill: 840046580914 Shipped to: Ceimic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only Lab Contract No: <i>68W03018</i> Unit Price: <i>G/I</i> Transfer To: <i>JM</i> Lab Contract No: <i>03/06/04</i> Unit Price:	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1	<i>[Signature]</i> <i>3/5/04 1115</i>			
	2				
	3				
4			<i>James Mayuskee</i> <i>3/6/04 10:00</i>		

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1C45	Soil (>12")	M/G	BNA/PEST (21)	193962 (Ice Only) (1)	SO-09	S: 3/4/2004 14:00	MA1C45	
A1C46	Soil (>12")	M/G	BNA/PEST (21)	193965 (Ice Only) (1)	SO-10	S: 3/4/2004 13:45	MA1C46	
A1C47	Soil (>12")	M/G	BNA/PEST (21)	193968 (Ice Only) (1)	SO-11	S: 3/4/2004 14:20	MA1C47	

JM 03/06/04

Shipment for Case Complete? ☒	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: <i>JM 03/06/04</i>	Chain of Custody Seal Number:
Analysis Key: BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ☒	Shipment Iced? ☒

TR Number: 1-520220259-030504-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4200

LABORATORY COPY



USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Cooler No.: ERA 2257

Case No:	32635
DAS No:	
SDG No:	A1C37 / A1C61 L
For Lab Use Only	
Lab Contract No:	68403018
Unit Price:	G/1
Transfer To:	AD 3/14/04
Lab Contract No:	
Unit Price:	

Date Shipped: 3/2/2004 Carrier Name: FedEx Airbill: 840046580720 Shipped to: Ceimic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>
	Relinquished By	(Date / Time)	Received By <i>[Signature]</i>
	1 <i>[Signature]</i>	3/2/04 1430	
	2		
	3		
4			<i>Alphonse Dubier 3/14/04 10:00</i>

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1C39	Soil (>12")	M/G	BNA/PEST (21)	193944 (Ice Only) (1)	SO-03	S: 3/1/2004 16:55	MA1C39	
A1C50	Soil (>12")	M/G	BNA/PEST (21)	193977 (Ice Only) (1)	SO-14	S: 3/1/2004 11:09	MA1C50	
A1C59	Drill Rig Tank Water	M/G	BNA/PEST (21)	190502 (Ice Only), 190503 (Ice Only), 190504 (Ice Only), 190505 (Ice Only) (4)	Rig-01	S: 3/1/2004 14:00	MA1C59	
A1C60	Field QC	M/G	BNA/PEST (21)	190508 (Ice Only), 190509 (Ice Only), 190510 (Ice Only), 190511 (Ice Only) (4)	RB-01	S: 3/1/2004 12:30	MA1C60	
A1C69	PE Soil	M/G	BNA (21)	190560 (Ice Only) (1)	PE-SS0266	S: 3/1/2004 8:00		
A1C70	PE Water	M/G	PEST (21)	190561 (Ice Only) (1)	PE-P00060	S: 3/1/2004 8:00		
A1C71	PE Soil	M/G	PEST (21)	190562 (Ice Only) (1)	PE-TT02731	S: 3/1/2004 8:00		
A1C72	PE Soil	M/G	PEST (21)	190563 (Ice Only) (1)	PE-TT05362	S: 3/1/2004 8:00		

AD 3/14/04

Shipment for Case Complete? ☒	Sample(s) to be used for laboratory QC: <i>AD 3/14/04</i>	Additional Sampler Signature(s): <i>[Signature]</i>	Cooler Temperature Upon Receipt: <i>AD</i>	Chain of Custody Seal Number: <i>3/14/04</i>
Analysis Key: Concentration: L = Low, M = Low/Medium, H = High		Type/Designate: Composite = C, Grab = G		Custody Seal Intact? ☒ Shipment Iced? ☒
BNA = CLP TCL Semivolatiles, BNA/PEST = CLP TCL Semivolatiles and Pesticides/PC, PEST = CLP TCL Pesticide/PCBs				

TR Number: 1-520220259-030204-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax



USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Cooler No. EPA1357

Case No: 32635
DAS No:
SDG No: AIC37/AIC61 L

Date Shipped: 3/3/2004 Carrier Name: FedEx Airbill: 840046580958 Shipped to: Celmic Corporation 10 Dean Knauss Drive Narragansett RI 02882 (401) 782-8900	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only Lab Contract No: 68W03018 Unit Price: 6/1 Transfer To: AD 3/4/04 Lab Contract No: Unit Price:	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 <i>[Signature]</i>	3/3/04 1440			
	2				
	3				
4			<i>Apoko Dubiel 3/4/04 10:00</i>		

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
A1C37	Soil (>12")	M/G	BNAP/EST (21)	193934 (Ice Only), 193935 (Ice Only), 193936 (Ice Only) (3)	SO-01	S: 3/3/2004 8:30	MA1C37	
A1C38	Soil (>12")	M/G	BNAP/EST (21)	193941 (Ice Only) (1)	SO-02	S: 3/3/2004 10:45	MA1C38	
A1C41	Soil (>12")	M/G	BNAP/EST (21)	193950 (Ice Only) (1)	SO-05	S: 3/2/2004 14:30	MA1C41	
A1C42	Soil (>12")	M/G	BNAP/EST (21)	193953 (Ice Only) (1)	SO-06	S: 3/3/2004 9:30	MA1C42	
A1C43	Soil (>12")	M/G	BNAP/EST (21)	193956 (Ice Only) (1)	SO-07	S: 3/3/2004 10:55	MA1C43	
A1C51	Soil (>12")	M/G	BNAP/EST (21)	193980 (Ice Only) (1)	SO-15	S: 3/2/2004 13:00	MA1C51	
A1C61	Field QC	M/G	BNAP/EST (21)	190514 (Ice Only), 190515 (Ice Only), 190516 (Ice Only), 190517 (Ice Only) (4)	RB-02	S: 3/2/2004 17:10	MA1C61	
A1C62	Field QC	M/G	BNAP/EST (21)	190520 (Ice Only), 190521 (Ice Only), 190522 (Ice Only), 190523 (Ice Only) (4)	RB-03	S: 3/3/2004 12:30	MA1C62	

AD 3/4/04

13

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: A1C37	Additional Sampler Signature(s): <i>[Signature]</i>	Cooler Temperature Upon Receipt	Chain of Custody Seal Number: AD 3/4/04
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? ☐	Shipment Iced? ☐
BNAP/EST = CLP TCL Semivolatiles and Pesticides/PC				

TR Number: 1-520220259-030304-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4200

~~QDA~~/BNA/PEST

ORGANIC MANUAL DEFECT MESSAGE FOR OLM04.X SOWs

Lab Code: CEIMIC DRD: 3/30/04
Case No.: 32635 Date Screened: 4/1/04
SDG No.: AIC37 Chemist: HS
QC Chemist: YV Complete Date: 04/02/2004 OGM

Flex Clause Analysis Performed? Please check which apply.

VOA	YES___	NO___ <u>N/A</u>
BNA	YES___	NO___ <u>✓</u>
PEST	YES___	NO___ <u>✓</u>

Volatiles Fraction N/A

All manual criteria met? Yes___ No___

Criterion VG : System Monitoring Compound Recoveries

VG.1 Form [¹2A/²2B] is not submitted for [¹Sample/²Blank]

Def. Code/Samples affected: _____

VG.4 Form 2B is not submitted for [¹Sample/²Blank] at each concentration level.

Def. Code/Samples affected: _____

Criterion VH. : Matrix Spike /Matrix Spike Duplicate

VH.1 Form [¹3A/²3B] was not submitted.

Def. Code/Samples affected: _____

Criterion VC : Blanks

VC.1 Form 4A is not submitted.

Def. Code/Samples affected: _____

Criterion VB : Instrument Performance Check

VB.1 Form 5A was not submitted.

Def. Code/Samples affected: _____

VB.6 [¹Date of Analysis/²Time of Analysis/³Instrument ID/⁴Lab File ID] is
[¹missing/²incorrect] on [¹Mass Listing/²Bar Graph Spectrum/³RIC] for BFB.

Def. Code/Samples affected: _____

VB.7 [¹Samples/²Blanks/³Standards] are not listed on Form 5A in chronological order by date
and time of analysis . Def. Code/Samples affected: _____

VB.9 [¹Mass listing/²Bar Graph Spectrum/³RIC] is missing for associated Instrument
Performance Check.

Def. Code/Samples affected: _____

Criterion VF : Internal Standards

VF.1 Form 8A was not submitted for [¹Sample/²Blank].

Def. Code/Samples affected: _____

Criterion VI : Analytical Results, RICs, Spectra, Quantitation Reports, and TR Copies

VI.1 Form [¹1A/²1B] was not submitted for [¹Sample/²Blank].

Def. Code/Samples affected: _____

VI.2 Header information on Form(s) [¹is missing/²has incorrect] [¹Lab Name/²Lab
Code/³Contract Number/⁴Case Number/⁵SDG Number/⁶EPA Sample Number].

Def. Code/Samples affected: _____

VI.12 [¹RICs/²Spectra/³Quantitation Reports] are not submitted for [¹Samples/²Blanks].

Def. Code/Samples affected: _____

VI.13 [¹RICs/²Quantitation Reports] are not submitted for [¹MS/²MSD].

Def. Code/Samples affected: _____

VI.14 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶ Labels for Internal Standards and System Monitoring Compounds] is [¹missing/²incorrect] on RICs for [¹Sample/²Blank]. Def code/Samples affected: _____

VI.15 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶Compound Name] is [¹missing/²incorrect] on spectra for [¹Sample/²Blank]. Def code/Samples

affected: _____

VI.16 Form 1F was not submitted for [¹Sample/²Blanks].

Def code/Samples affected: _____

VI.19 TIC spectra for [¹Sample/²Blank] is missing.

Def code/Samples affected: _____

- VI.20 [¹EPA Sample Number/²Lab File ID/³Date of Analysis/⁴Time of Analysis/⁵Instrument ID/⁶ Compound Name] is [¹missing/²incorrect] on TIC spectra for [¹Sample/²Blank].
Def code/Samples affected: _____

- VI.22 TR is not [¹submitted/²legible]
Def code/Samples affected: _____

- VI.23 [¹Date Received/²Recipient Signature/³SDG Number/⁴Lab Code] is [¹incorrect/²not present] on Traffic Report. Def Code/Samples affected: _____

- VI.24 [¹Date Received/²Case Number/³SDG Number/⁴Lab Code] on TR is not the same as reported for the samples. Def Code/Samples affected: _____

- VI.25 SDG Narrative was not submitted.
Def Code/Samples affected: _____

- VI.26 [¹Laboratory Name/²Case Number/³SDG Number/⁴Contract Number/⁵EPA Sample Number] is [¹missing/²incorrect] in the SDG Narrative.
Def Code/Samples affected: _____

- VI.27 [¹Signature/²Date] is missing in the SDG Narrative
Def Code/Samples affected: _____

- VI.28 Pages are missing in hardcopy of data.
Def Code/Samples affected: _____

- VI.29 TIC compound is reported as unknown when library search indicates a match at or above 85%. Def Code/Samples affected: _____

Criterion VD : Initial Calibration

VD.1 Form [¹6A/²6B] was not submitted.

Def Code/Samples affected: _____

VD.9 [¹RIC/²Quantitation] Report is missing for initial calibration standard for RRF [¹10/²20/³50/⁴100/⁵200].

Def Code/Samples affected: _____

VD.10 [¹EPA Sample Number/²Analysis Date/³Analysis Time/⁴Instrument ID/⁵ Lab File ID/⁶ Labels for Internal Standard and/or System Monitoring Compound(s)] for initial calibration standard for RRF [¹10/²20/³50/⁴100/⁵200] is [¹missing/²incorrect] on [¹RIC/²Quantitation Report].

Def Code/Samples affected: _____

Criterion VE : Continuing Calibration

VE.1 Form [¹7A/²7B] was not submitted.

Def Code/Samples affected: _____

VE.8 [¹RIC/²Quantitation Report] for continuing calibration standards are not submitted.

Def Code/Samples affected: _____

VE.9 [¹EPA Sample Number/²Date of Analysis /³Time of Analysis/⁴Instrument ID/⁵ Lab File ID/⁶ Labels for Internal Standard and System Monitoring Compound(s) is [¹missing/²incorrect] on [¹RIC/²Quantitation Reports] for continuing calibration standards. Def Codes/Samples affected: _____

Semivolatiles Fraction

All manual criteria met? Yes _____ No ✓

Criterion BG : Surrogate Recoveries

BG.1 Form [¹2C/²2D] was not submitted for [¹Sample/²Blank].
Def Code/Samples affected: _____

BG.3 Form 2D was not submitted for each concentration level.
Def Code/Samples affected: _____

Criterion BH : Matrix Spike/Matrix Spike Duplicate

BH.1 Form [¹3C/²3D] was not submitted.
Def Code/Samples affected: _____

Criterion BC : Blanks

BC.1 Form 5B was not submitted
Def Code/Samples affected: _____

Criterion BB : Instrument Performance Check

BB.1 Form 4B was not submitted. Def Code/Samples affected: _____

BB.4 [¹Samples/²Blanks/³Standards] are not listed on Form 5B in chronological order by date and time of analysis. Def. Code/Samples affected: _____

BB.8 [¹Mass Listing/²bar Graph Spectrum/³RIC] is missing for associated Instrument Performance Check of the Tune. Def Code/Samples affected: _____

BB.9 [¹Date of Analysis/²Time of Analysis/³Instrument ID/⁴Lab File ID] is [¹missing/²incorrect] on [¹Mass Listing/²Bar Graph spectrum/³RIC] for DFTPP.
Def Code/Samples affected: _____

Criterion BF : Internal Standards

BF.1 Form[¹8B/²8C] was not submitted for [¹Sample/²Blanks]. Def. Code/Samples affected:____

Criterion BI : Analytical Results, RICs, Spectra, Quantitaion Reports, and TR Copies

BI.1 Form[¹1C/²1D] was not submitted for [¹Sample/²Blank].
Def. Code/Samples affected:_____

BI.2 Header information on Form(s) [¹is missing/²has incorrect] [¹Lab Name/²Lab Code/³Contract Number/⁴Case Number/⁵SDG Number/⁶Instrument ID/⁷EPA Sample Number].
Def. Code/Samples affected:_____

BI.12 [¹RICs/²Spectra/³Quantitation Reports] are not submitted for [¹Samples/²Blanks].
Def. Code/Samples affected:_____

P. 234 / P. 256
AIC 42
- Benzo(a)pyrene
- Indeno(1,2,3-cd)pyrene

BI.13 [¹RICs/²Quantitation Reports] are not submitted for [¹MS/²MSD].
Def. Code/Samples affected:_____

- Dibenzo(a,h)anthracene
- Benzo(g,h,i)perylene

BI.14 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶ Labels for Internal Standards/or Surrogate] is [¹missing/²incorrect] on RICs for [¹Sample/²Blank]. Def code/Samples affected:_____

BI.15 [¹EPA Sample Number/²Date of Analysis/³Time of Analysis/⁴Instrument ID/⁵Lab File ID/⁶ Compound Name] is [¹missing/²incorrect] on spectra for [¹Sample/²Blank].
Def code/Samples affected:_____

BI.17 Form 1G was not submitted for [¹Sample/²Blanks].
Def code/Samples affected:_____

All TIC spectra missing listed on Form 1G.

BI.20 TIC spectra for [¹Sample/²Blank] is missing.

Def code/Samples affected: BI-20/AIC42

BI.21 [¹EPA Sample Number/²Lab File ID/³Date of Analysis/⁴Time of Analysis/⁵Instrument ID/⁶Compound Name] is [¹missing/²incorrect] on TIC spectra for [¹Sample/²Blank].

Def code/Samples affected: _____

BI.23 TR is not [¹submitted/²legible]

Def code/Samples affected: _____

BI.24 [¹Date Received/²Recipient Signature/³SDG Number] is [¹incorrect/²not present] on Traffic Report.

Def Code/Samples affected: _____

BI.25 [¹Date Received/²Case Number/³SDG Number/⁴Lab Code] on TR is not the same as reported for the samples. Def Code/Samples affected: _____

BI.26 SDG Narrative was not submitted.

Def Code/Samples affected: _____

BI.27 [¹Laboratory Name/²Case Number/³SDG Number/⁴Contract Number/⁵EPA Sample Number] is [¹missing/²incorrect] in the SDG Narrative.

Def Code/Samples affected: _____

BI.28 [¹Signature/²Date] is missing in the SDG Narrative

Def Code/Samples affected: _____

BI.29 Pages are missing in hardcopy of data.

Def Code/Samples affected: BI-29/AIC42

Page 257

all the TIC spectra are missing for AIC 42.

BI.30 TIC compound is reported as unknown when library search indicates a match at or above 85%.

Def Code/Samples affected: _____

BI.31 UV traces for the two most recent GPC calibration/ continuing calibration verifications are not submitted.

Def. Code/Samples affected: _____

BI.32 The retention time shift between GPC calibration/continuing calibrations verifications is greater than 5.0%.

Def. Code/Samples affected: _____

Criterion BD: Initial Calibration

BD.1 Form [¹6C/²6D] was not submitted.

Def Code/Samples affected: _____

BD.8 [¹RIC/²Quantitation Report] is missing for initial calibration standard for RRF [¹20/²50/³80/⁴120/⁵160].

Def Code/Samples affected: _____

BD.9 [¹EPA Sample Number/²Analysis Date/³Analysis Time/⁴Instrument ID/⁵Lab File ID/⁶Label for Internal Standard and/or Surrogate] for initial calibration standard for RRF [¹20/²50/³80/⁴120/⁵160] is [¹missing/²incorrect] on [¹RIC/²Quantitation Report].

Def. Code/Samples affected: _____

Criterion BE: Continuing Calibration

BE.1 Form [¹7C/²7D] was not submitted.

Def. Code/Samples affected: _____

BE.6 [¹RIC/²Quantitation Report] for continuing calibration standards are not submitted.

Def Code/Samples affected: _____

BE.7 [¹EPA Sample Number/²Date of Analysis /³Time of Analysis/⁴Instrument ID/⁵ Lab File ID/⁶ Labels for Internal Standard and Surrogate Compound(s) is [¹missing/²incorrect] on [¹RIC/²Quantitation Reports] for continuing calibration standards. Def Codes/Samples affected: _____

Pesticides Fraction

All manual criteria met? Yes ✓ No ✓
Was GC/MS conformation required? Yes No
If yes, was it performed? Yes No

Note: If no apply the appropriate defect codes.

Criterion PE : Surrogate Recovery and Retention Time

PE.1 Form[¹2E/²2F] was not submitted.

Def. Code/Samples affected: _____

Criterion PF : Pesticide Matrix Spike/ Matrix Spike Duplicate Recovery

PF.1 Form[¹3E/²3F] was not submitted.

Def. Code/Samples affected: _____

Criterion PB : Blanks

PB.1 Form 4C was not submitted

Def. Code/Samples affected: _____

Criterion PO : Analytical Results, Chromatograms, and TR Copies

PO.1 Form 1E was not submitted for [¹Sample/²Blank].

Def. Code/Samples affected: _____

PO.2 Header information on Form(s) [¹is missing/²has incorrect] [¹Lab Name/²Lab Code/³Contrat Number/⁴Case Number/⁵SDG Number/⁶EPA Sample Number].

Def. Code/Samples affected: _____

PO.12 The lower value of the two concentration from Pesticide/ Aroclor Identification is not reported for [¹Sample/²Blank]. Def. Code/Samples affected: _____

PO.14 [¹Chromatograms/²Integration Reports or Data System Printout] are not submitted for [¹Sample/²Blanks/³Standards].

Def. Code/Samples affected: _____

PO.15 Data system printout/Integration Report [¹is missing/²has incorrect], [¹EPA Sample Number/²RT/³Peak Height or Area].

Def. Code/Samples affected: _____

PO.16 [¹EPA Sample Number/²Volume Injected /³Date of Injection/⁴Time of Injection/⁵Column ID/⁶Instrument ID/⁷Name Compounds for Positively Identified Compounds/⁸Scaling Factor] is [¹missing/²incorrect] on chromatograms for [¹Samples/²Blanks/³Standards].

Def code/Samples affected: _____

PO.17 TR was not [¹submitted/²legible]

Def code/Samples affected: _____

PO.18 [¹Date Received/²Recipient Signature/³SDG Number] is [¹incorrect/²not present] on Traffic Report. Def Code/Samples affected: _____

PO.19 [¹Date Received/²Case Number/³SDG Number/⁴Lab Code] on TR is not the same as reported for the samples. Def Code/Samples affected: _____

PO.20 SDG Narrative was not submitted.

Def Code/Samples affected: _____

PO.21 [¹Laboratory Name/²Case Number/³SDG Number/⁴Contract Number/⁵EPA Sample Number] is [¹missing/²incorrect] in the SDG Narrative.

Def Code/Samples affected: _____

PO.22 [¹Signature/²Date] is missing in the SDG Narrative

Def Code/Samples affected: _____

PO.23 Pages are missing in hardcopy of data.

Def Code/Samples affected: _____

PO.24 GC/MS confirmation was not performed for sample.

Def. Code/Samples affected: _____

PO.25 [¹RICs/²Spectra] is not submitted for GC/MS confirmation of pesticide/PCB compound(s).

Def. Code/Samples affected: _____

PO.26 [¹EPA Sample Number/²Compound Name or CAS Number] is missing on spectra for GC/MS confirmation. Def Code/Samples affected: _____

Criterion PC : Initial Calibration of Single Component Analytes

PC.1 Form [¹6E/²6F] was not submitted.

Def. Code/Samples affected: _____

Criterion PCII : Initial calibration of Multi-Component Analytes

PCII.1 Form 6G was not submitted.

Def. Code/Samples affected: _____

Criterion PCIII : Pesticide Analyte Resolution Summary

PCIII.1 Form 6H was not submitted.

Def. Code/Samples affected: _____

Criterion PCIV : Resolution

PCIV.1 Form [¹6I/²6J/³6K] was not submitted.

Def. Code/Samples affected: _____

PCIV.3 [¹GC Column/²GC Internal Diameter /³Instrument ID/⁴EPA Sample No. /⁵Date Analyzed/⁶Time Analyte] is missing for column [¹1/²2] on form 6I.
Def code/Samples affected: _____

PCIV.4 [¹Analyte/²RT/³Resolution] is missing for column [¹1/²2] on Form 6I.
Def code/Samples affected: _____

PCIV.6 [¹GC Column/²GC Internal Diameter /³Instrument ID/⁴EPA Sample No. /⁵Date Analyzed/⁶Time Analyzed] is missing for column [¹1/²2] on form 6J.
Def code/Samples affected: _____

PCIV.7 [¹Analyte/²RT/³Resolution] is missing for column [¹1/²2] on Form 6J.
Def code/Samples affected: _____

PCIV.9 [¹GC Column/²GC Internal Diameter /³Instrument ID/⁴EPA Sample No. /⁵Date Analyzed/⁶Time Analyzed] is missing for column [¹1/²2] on form 6K.
Def code/Samples affected: _____

PCIV.10 [¹Analyte/²RT/³Resolution] is missing for column [¹1/²2] on Form 6K.
Def code/Samples affected: _____

PCIV.11 Single component pesticides and surrogate peaks do not have a % Resolution of $\geq 90\%$ for PEMs on both columns. Def. Code/Samples affected: _____

PCIV.12 Resolution of any two adjacent peaks in the mid-point concentrations of Individual standard Mixtures A and B is not $\geq 90\%$ on both columns.
Def. Code/Samples affected: _____

PCIV.13 Analytes are not listed in retention time order on Form [¹6I/²6J /³6K].
Def. Code/Samples affected: _____

Criterion PD : Pesticide Calibration Verification Summary

PD.1 Form [¹7E/²7F] was not submitted.

Def. Code/Samples affected: _____

Criterion PH : Pesticide Analytical Sequence

PH.1 Form 8D was not submitted.

Def. Code/Samples affected: _____

Criterion PM : Extract Cleanup Procedures (Florisol)

PM.1 Form 9A was not submitted.

Def. Code/Samples affected: _____

PM.5 EPA Sample Number is missing for each [¹Sample/²Blank/³MS/⁴MSD] associated with a Florisol cartridge. Def Code/Samples affected: _____

Criterion PMII : Extract Clean up Procedures (GPC)

PMII.1 Form 9B was not submitted.

Def. Code/Samples affected: _____

Criterion PN : Pesticide Identification Summary for Single Component/Multi Component Analytes

PN.1 Form [¹10A/²10B] was not submitted.

Def Code/Samples affected: _____

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

3

CCS SCREENING RESULT OF DISKETTE, BASE PERIOD

```
*****
*****
*****
****
****      SCREENING PACKAGE      ****
****      SUMMARY INFORMATION      ****
****
****      ==      OLM04      ==      ****
****
****      SDG: A1C37      ****
****
****      CASE: 32635      ****
****
****      LAB: CEIMIC      ****
****
****      CONTRACT: 68W03018      ****
****
****      REGION: 1      ****
****
****      FLEX PERCENTAGE: .      ****
****
****      DRD: 03/30/2004      ****
****
****      SDG RECEIPT DATE: 03/10/2004      ****
****
****      SCREEN DATE: 4/1/04/1      ****
****
****      MAIL DATE 1: 4501      ****
****
****      SCREENER: HS      ****
****
****      THIS PROGRAM WAS RUN ON : 03/30/2004      ****
****
****      AT : 11:59:49      ****
****
*****
****
****      CHEMIST COPY (CURRENT PC-CCS IS 1.5 ON 02/99)      ****
****      SITE ID = 0045713001      ****
****      ASF NAME = SMOM.OLM3.CEIMIC.A1C37.D033004.A      ****
****      ASF LINES = 9,324      ****
****
*****
*****
```


U.S.E.P.A CONTRACT LABORATORY PROGRAM

4

SAMPLE MANAGEMENT OFFICE

- OPERATED BY DYNACORP

ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

```
*****
*****
**                                     **
**                                     **
**                                     **
**          WARNING                    **
**                                     **
** DISCREPANCIES EXIST BETWEEN THE SAMPLE SUFFIX, QC CODE, **
** SAMPLE QUALIFIER, AND/OR MATRIX ON THE FOLLOWING SAMPLES. **
**                                     **
** PLEASE BE AWARE OF THEM AS YOU SCREEN THE PACKAGE.      **
**                                     **
**          THANK YOU AND HAVE A NICE DAY.                  **
**                                     **
*****
*****
```

SAMPLE:AR12540P	CHECKSUM:0196185D4	CURRENT VALUE:CLE	20
SAMPLE:AR12541P	CHECKSUM:01961834F	CURRENT VALUE:CLE	20
SAMPLE:AR16600P	CHECKSUM:019744D73	CURRENT VALUE:CLE	20
SAMPLE:AR16601P	CHECKSUM:019744B06	CURRENT VALUE:CLE	20
SAMPLE:A1C69	CHECKSUM:00706719E	CURRENT VALUE:FRM	20
SAMPLE:A1C69DL	CHECKSUM:009846C46	CURRENT VALUE:FRM	20
SAMPLE:A1C71	CHECKSUM:008364026	CURRENT VALUE:FRM FRM	20 20
SAMPLE:A1C72	CHECKSUM:0088042C9	CURRENT VALUE:FRM FRM	20 20
SAMPLE:PEM0A	CHECKSUM:001841EDF	CURRENT VALUE:CLE	20
SAMPLE:PEM0B	CHECKSUM:00518DC78	CURRENT VALUE:CLE	20
SAMPLE:PEM0K	CHECKSUM:00576BFB1	CURRENT VALUE:CLE	20
SAMPLE:PEM0M	CHECKSUM:01040429E	CURRENT VALUE:CLE	20
SAMPLE:PEM0P	CHECKSUM:017236309	CURRENT VALUE:CLE	20
SAMPLE:PEM0R	CHECKSUM:02121E344	CURRENT VALUE:CLE	20
SAMPLE:PEM1A	CHECKSUM:001841D7B	CURRENT VALUE:CLE	20
SAMPLE:PEM1B	CHECKSUM:00518DA47	CURRENT VALUE:CLE	20
SAMPLE:PEM1K	CHECKSUM:00576BD5B	CURRENT VALUE:CLE	20
SAMPLE:PEM1M	CHECKSUM:0104041C0	CURRENT VALUE:CLE	20

SAMPLE:PEM1P	CHECKSUM:017235F50	CURRENT VALUE:CLE	20	5
SAMPLE:PEM1R	CHECKSUM:02121DF87	CURRENT VALUE:CLE	20	

U.S.E.P.A CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

6

LAB RECEIPT DATES BY SAMPLE
**** THIS REPORT SHOWS DISCREPANCIES IN LABORATORY RECEIPT DATE (LRD) BETWEEN FRACTIONS OF A SAMPLE. ****
PLEASE CHECK TO MAKE SURE THESE DATES ARE CORRECT

LAB=CEIMIC SDG=A1C37 DRD=30MAR2004

SAMPLE	LAB RECEIPT DATE VOLATILES	LAB RECEIPT DATE SEMIVOLATILES	LAB RECEIPT DATE PESTICIDES
A1C37		04MAR2004 -	04MAR2004 -
A1C37MS		04MAR2004 >	04MAR2004 >
A1C37MSD		04MAR2004	04MAR2004
A1C38		04MAR2004 -	04MAR2004 -
A1C39		04MAR2004 -	04MAR2004 -
A1C39DL		04MAR2004 -	04MAR2004 -
A1C40		05MAR2004 -	05MAR2004 -
A1C41		04MAR2004 -	04MAR2004 -
A1C42		04MAR2004 -	04MAR2004 -
A1C43		04MAR2004 -	04MAR2004 -
A1C44		05MAR2004 -	05MAR2004 -
A1C45		06MAR2004 -	06MAR2004 -
A1C46		06MAR2004 -	06MAR2004 -
A1C46DL		06MAR2004 -	06MAR2004 -
A1C47		06MAR2004 -	06MAR2004 -
A1C47DL		06MAR2004 -	06MAR2004 -
A1C48		05MAR2004 -	05MAR2004 -
A1C49		05MAR2004 -	05MAR2004 -
A1C50		04MAR2004 -	04MAR2004 -
A1C51		04MAR2004 -	04MAR2004 -
A1C52		10MAR2004 -	10MAR2004 -
A1C52DL		10MAR2004 -	10MAR2004 -
A1C69		04MAR2004 -	04MAR2004 -
A1C69DL		04MAR2004 -	04MAR2004 -
A1C71			04MAR2004 -
A1C72			04MAR2004 -

PE soil

04MAR2004 - PE soil
04MAR2004 -

23

23

17
4 DL
2 MS / MSD
23

18
3 DL
2 MS / MSD
23

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

7

MODIFIED/ENHANCED CCS DEFECT LIST

CCS SCREENING RESULT OF DISKETTE, BASE PERIOD

The Web-CCS software is available on the world wide web at
<http://mssiis2.dynacorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-4302
IF YOU HAVE ANY QUESTIONS.

Some defects have been modified/enhanced in the CCS automated screening system. CLP laboratories are allowed a two-week grace period to make necessary changes for future submissions. If any of these defects are applicable to this SDG, they will be listed in the CCS Notification section following the defect detail.

Defect	Grace Period Expires	Defect Message
-----	-----	-----
N/A		

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
 SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
 ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

10

DEFECT FREQUENCY REPORT

THIS REPORT PROVIDES A STATISTICAL SUMMARY OF THE DEFECTS PRESENT IN THIS SDG.

LAB: CEIMIC SDG: A1C37

			NUMBER OF DEFECTS	PERCENT OF TOTAL DEFECTS
FRACTION	CRITERIA	DEFECT MESSAGE		
PEST	PF.8.1	MS %Recovery is outside QC limits. (Exhibit D PEST Sec. 12.2.5.5)	1	50.00
	PF.8.2	MSD %Recovery is outside QC limits. (Exhibit D PEST Sec. 12.2.5.5)	1	50.00
TOTAL			2	100.00

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

11

== FILE SKELETON ==

Obs	FRAC	SAMPLE	QC	SQ	LEVEL	MATRIX	DILUT	ANALYSIS DATE	ANAL. TIME	LAB FILE/ SAMP_ID	COL_ID	INSTID	MB_FID	SB_FID	REC_REF	RUN
1	BNA		MNC				0				ZB5	MS9			000032A1A	1
2	BNA	DFTPP	LPC				0	04-03-08	8:42	IJ872	ZB5	MS9			00077B0B3	1
3	BNA	SSTD050I6	CLM				0	04-03-08	9:18	IJ873	ZB5	MS9			00081048E	1
4	BNA	SSTD020I6	CLM				0	04-03-08	11:25	IJ874	ZB5	MS9			00169071B	1
5	BNA	SSTD080I6	CLM				0	04-03-08	11:57	IJ875	ZB5	MS9			0025700D8	1
6	BNA	SSTD120I6	CLM				0	04-03-08	12:29	IJ876	ZB5	MS9			003450419	1
7	BNA	SSTD160I6	CLM				0	04-03-08	13:01	IJ877	ZB5	MS9			0043313BF	1
8	BNA	DFTPP	LPC				0	04-03-10	10:49	IJ897	ZB5	MS9			00521233B	1
9	BNA	SSTD050IM	CLC				0	04-03-10	11:11	IJ898	ZB5	MS9			00525774A	1
10	BNA	SBLKIW	LRB		LOW	SOIL	1	04-03-10	13:41	IJ902	ZB5	MS9			00613C3CB	1
11	BNA	A1C37	LSL		LOW	SOIL	1	04-03-10	14:13	IJ903	ZB5	MS9	IJ902		00706732C	1
12	BNA	A1C37MS	LF1		LOW	SOIL	1	04-03-10	14:45	IJ904	ZB5	MS9	IJ902		00820172E	1
13	BNA	A1C37MSD	LF2		LOW	SOIL	1	04-03-10	15:17	IJ905	ZB5	MS9	IJ902		00910C933	1
14	BNA	A1C38			LOW	SOIL	1	04-03-10	15:48	IJ906	ZB5	MS9	IJ902		0100078B2	1
15	BNA	A1C41			LOW	SOIL	1	04-03-10	16:20	IJ907	ZB5	MS9	IJ902		01111EEE1	1
16	BNA	A1C43			LOW	SOIL	1	04-03-10	16:52	IJ908	ZB5	MS9	IJ902		012130312	1
17	BNA	A1C42			LOW	SOIL	2	04-03-10	20:36	IJ915	ZB5	MS9	IJ902		013279D30	1
18	BNA	DFTPP	LPC				0	04-03-11	9:41	IJ916	ZB5	MS9			015072036	1
19	BNA	SSTD050IN	CLC				0	04-03-11	10:05	IJ917	ZB5	MS9			01511744F	1
20	BNA	A1C51			LOW	SOIL	1	04-03-11	12:30	IJ921	ZB5	MS9	IJ902		01599BF44	1
21	BNA	A1C39			LOW	SOIL	9	04-03-11	13:02	IJ922	ZB5	MS9	IJ902		01701D8B1	1
22	BNA	A1C50			LOW	SOIL	1	04-03-11	13:34	IJ923	ZB5	MS9	IJ902		018818A7E	1
23	BNA	A1C39DL		SRN	LOW	SOIL	18	04-03-11	18:14	IJ932	ZB5	MS9	IJ902		020610CD7	1
24	BNA	DFTPP	LPC				0	04-03-12	10:04	IJ937	ZB5	MS9			02241C1E6	1
25	BNA	SSTD050IP	CLC				0	04-03-12	10:24	IJ938	ZB5	MS9			0224515BF	1
26	BNA	A1C45			LOW	SOIL	1	04-03-12	14:44	IJ946	ZB5	MS9	IJ948		0233360BD	1
27	BNA	SBLKIB	LRB		LOW	SOIL	1	04-03-12	15:48	IJ948	ZB5	MS9			02465BD43	1
28	BNA	A1C46			LOW	SOIL	6	04-03-12	21:07	IJ958	ZB5	MS9	IJ948		025762652	1
29	BNA		MNC				0				ZB5	MS11			000032A43	2
30	BNA	DFTPP	LPC				0	04-02-10	11:43	K6764	ZB5	MS11			00077ADC6	2
31	BNA	SSTD020K9	CLM				0	04-02-10	12:51	K6766	ZB5	MS11			0008101C7	2
32	BNA	SSTD080K9	CLM				0	04-02-10	13:24	K6767	ZB5	MS11			00169F98F	2
33	BNA	SSTD160K9	CLM				0	04-02-10	15:39	K6771	ZB5	MS11			00257FAC8	2
34	BNA	SSTD120K9	CLM				0	04-02-10	16:13	K6772	ZB5	MS11			003450922	2
35	BNA	SSTD050K9	CLM				0	04-02-10	16:46	K6773	ZB5	MS11			004331694	2
36	BNA	DFTPP	LPC				0	04-03-10	10:28	K7164	ZB5	MS11			0052115B9	2
37	BNA	SSTD050KJ	CLC				0	04-03-10	10:48	K7165	ZB5	MS11			0052569B7	2
38	BNA	SBLKKQ	LRB		LOW	SOIL	1	04-03-10	16:13	K7172	ZB5	MS11			00613BC46	2
39	BNA	A1C69	FRM		LOW	SOIL	1	04-03-10	16:42	K7173	ZB5	MS11	K7180		00706719E	2
40	BNA	DFTPP	LPC				0	04-03-11	9:45	K7178	ZB5	MS11			00799155D	2
41	BNA	SSTD050KK	CLC				0	04-03-11	10:05	K7179	ZB5	MS11			00803695C	2
42	BNA	SBLKKS	LRB		LOW	SOIL	1	04-03-11	10:42	K7180	ZB5	MS11			00891BC66	2
43	BNA	A1C69DL	FRM	SRN	LOW	SOIL	3	04-03-11	11:10	K7181	ZB5	MS11	K7180		009846C46	2
44	BNA	A1C40			LOW	SOIL	1	04-03-11	11:38	K7182	ZB5	MS11	K7172		010740AFF	2
45	BNA	A1C44			LOW	SOIL	1	04-03-11	12:07	K7183	ZB5	MS11	K7172		01164A0A1	2
46	BNA	A1C48			LOW	SOIL	1	04-03-11	12:36	K7184	ZB5	MS11	K7172		0125435D1	2
47	BNA	A1C49			LOW	SOIL	1	04-03-11	13:05	K7185	ZB5	MS11	K7172		013500661	2
48	BNA	DFTPP	LPC				0	04-03-15	11:40	K7207	ZB5	MS11			014521DFF	2
49	BNA	SSTD050KN	CLC				0	04-03-15	12:01	K7208	ZB5	MS11			014567222	2
50	BNA	SBLKKV	LRB		LOW	SOIL	1	04-03-15	19:35	K7224	ZB5	MS11			01544C30A	2
51	BNA	A1C46DL		SRN	LOW	SOIL	12	04-03-15	20:03	K7225	ZB5	MS11	K7224		01637720B	2

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

12

== FILE SKELETON ==

Obs	FRAC	SAMPLE	QC	SQ	LEVEL	MATRIX	DILUT	ANALYSIS DATE	ANAL. TIME	LAB FILE/ SAMP_ID	COL_ID	INSTID	MB_FID	SB_FID	REC_REF	RUN
52	BNA	SBKKW	LRB		LOW	SOIL	1	04-03-15	21:56	K7229	ZB5	MS11			01742C240	2
53	BNA	A1C52			LOW	SOIL	1	04-03-15	22:25	K7230	ZB5	MS11	K7229		018356E1C	2
54	BNA	A1C47			LOW	SOIL	6	04-03-15	23:21	K7232	ZB5	MS11	K7224		01970E5B5	2
55	BNA	DFTPP	LPC		0			04-03-16	9:02	K7233	ZB5	MS11			02093F9CC	2
56	BNA	SSTD050KO	CLC		0			04-03-16	9:23	K7234	ZB5	MS11			020974DF6	2
57	BNA	A1C47DL		SRN	LOW	SOIL	12	04-03-16	13:47	K7243	ZB5	MS11	K7224		021859E4C	2
58	PEST	GPC0309CK1X	GPC		0			04-03-17	8:28	0309CK1X	DB35	GC8			000032E4A	3
59	PEST	FLOSP1446A	FLO		0			04-02-25	13:53	SP1446A	DB35	GC8			000203C63	3
60	PEST		MNC		0					AVERAGE	DB35	GC8			00046C90E	3
61	PEST	RESC1A	LPC		0			04-03-11	15:19	RESC1A	DB35	GC8			00164F7D2	3
62	PEST	PEM1A	CLE		WATER			04-03-11	15:53	PEM1A	DB35	GC8			001841D7B	3
63	PEST	AR16601A	CLS		0			04-03-11	16:27	AR16601A	DB35	GC8			0020796EC	3
64	PEST	AR12211A	CLS		0			04-03-11	17:01	AR12211A	DB35	GC8			00229EED3	3
65	PEST	AR12321A	CLS		0			04-03-11	17:35	AR12321A	DB35	GC8			00245E618	3
66	PEST	AR12421A	CLS		0			04-03-11	18:08	AR12421A	DB35	GC8			00261DE1E	3
67	PEST	AR12481A	CLS		0			04-03-11	18:42	AR12481A	DB35	GC8			00277D71C	3
68	PEST	AR12541A	CLS		0			04-03-11	19:16	AR12541A	DB35	GC8			00293D177	3
69	PEST	TOXAPH1A	CLS		0			04-03-11	19:50	TOXAPH1A	DB35	GC8			003058D6B	3
70	PEST	INDAL1A	CLM		0			04-03-11	20:24	INDAL1A	DB35	GC8			003218761	3
71	PEST	INDBL1A	CLM		0			04-03-11	20:58	INDBL1A	DB35	GC8			00346085E	3
72	PEST	INDAM1A	CLM		0			04-03-11	22:39	INDAM1A	DB35	GC8			00375CC71	3
73	PEST	INDBM1A	CLM		0			04-03-11	23:13	INDBM1A	DB35	GC8			004005A2B	3
74	PEST	INDAH1A	CLM		0			04-03-12	0:55	INDAH1A	DB35	GC8			004292D5B	3
75	PEST	INDBH1A	CLM		0			04-03-12	1:29	INDBH1A	DB35	GC8			00454AD5B	3
76	PEST	P1BLK1A	LIB		WATER	1		04-03-12	2:02	P1BLK1A	DB35	GC8			004837192	3
77	PEST	PEM1B	CLE		WATER			04-03-12	2:36	PEM1B	DB35	GC8			00518DA47	3
78	PEST	P1BLK1K	LIB		WATER	1		04-03-15	9:32	P1BLK1K	DB35	GC8			005415494	3
79	PEST	PEM1K	CLE		WATER			04-03-15	10:06	PEM1K	DB35	GC8			00576BD5B	3
80	PEST	PBLK01	LRB		SOIL	1		04-03-15	15:11	P0305-B4	DB35	GC8			00599386C	3
81	PEST	PBLK02	LRB		SOIL	1		04-03-15	15:45	P0308-B4	DB35	GC8			00636CA71	3
82	PEST	PBLK03	LRB		SOIL	1		04-03-15	16:18	P0309-B3	DB35	GC8			006735C7A	3
83	PEST	PBLK04	LRB		SOIL	1		04-03-15	16:52	P0311-B2	DB35	GC8			00710EE25	3
84	PEST	P1BLK1L	LIB		WATER	1		04-03-15	18:34	P1BLK1L	DB35	GC8			0074780BC	3
85	PEST	INDAM1L	CLE		0			04-03-15	19:07	INDAM1L	DB35	GC8			00782EA17	3
86	PEST	INDBM1L	CLE		0			04-03-15	19:41	INDBM1L	DB35	GC8			0080771F7	3
87	PEST	A1C71	FRM	✓	SOIL	1		04-03-15	20:15	040183-10	DB35	GC8	P0305-B4		008364026	3
88	PEST	A1C72	FRM	✓	SOIL	1		04-03-15	21:23	040183-11	DB35	GC8	P0305-B4		0088042C9	3
89	PEST	A1C39DL		SRN	SOIL	10		04-03-15	23:04	040183-07DL	DB35	GC8	P0305-B4		0093093E4	3
90	PEST	A1C47DL		SRN	SOIL	10		04-03-16	1:19	040183-18DL	DB35	GC8	P0309-B3		009673039	3
91	PEST	P1BLK1M	LIB		WATER	1		04-03-16	4:08	P1BLK1M	DB35	GC8			01005D90E	3
92	PEST	PEM1M	CLE		WATER			04-03-16	4:42	PEM1M	DB35	GC8			0104041C0	3
93	PEST	A1C52DL		SRN	SOIL	10		04-03-16	5:16	040183-19DL	DB35	GC8	P0311-B2		010638BAA	3
94	PEST	A1C37	LSD		SOIL	1		04-03-16	5:49	040183-01	DB35	GC8	P0305-B4		01105A7F3	3
95	PEST	A1C37MS	LF1		SOIL	1		04-03-16	6:23	040183-01MS	DB35	GC8	P0305-B4		0114241CA	3
96	PEST	A1C37MSD	LF2		SOIL	1		04-03-16	6:57	040183-01MSD	DB35	GC8	P0305-B4		0118539C1	3
97	PEST	A1C38			SOIL	1		04-03-16	7:31	040183-02	DB35	GC8	P0305-B4		012282FFF	3
98	PEST	A1C41			SOIL	1		04-03-16	8:05	040183-03	DB35	GC8	P0305-B4		01265C8AE	3
99	PEST	A1C43			SOIL	1		04-03-16	8:39	040183-05	DB35	GC8	P0305-B4		0130260EE	3
100	PEST	A1C51			SOIL	1		04-03-16	9:13	040183-06	DB35	GC8	P0305-B4		01339F931	3
101	PEST	P1BLK1N	LIB		WATER	1		04-03-16	11:02	P1BLK1N	DB35	GC8			0137693A0	3
102	PEST	INDAM1N	CLE		0			04-03-16	11:36	INDAM1N	DB35	GC8			01411FCFD	3

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

13

== FILE SKELETON ==

Obs	FRAC	SAMPLE	QC	SQ	LEVEL	MATRIX	DILUT	ANALYSIS DATE	ANAL. TIME	LAB FILE/ SAMP_ID	COL_ID	INSTID	MB_FID	SB_FID	REC_REF	RUN
103	PEST	INDBM1N	CLE		0			04-03-16	12:10	INDBM1N	DB35	GC8			014368793	3
104	PEST	A1C40			SOIL		1	04-03-16	13:51	040183-12	DB35	GC8	P0308-B4		014655380	3
105	PEST	A1C44			SOIL		1	04-03-16	14:25	040183-13	DB35	GC8	P0308-B4		01502EC60	3
106	PEST	A1C49			SOIL		1	04-03-16	14:59	040183-15	DB35	GC8	P0308-B4		015398583	3
107	PEST	A1C45			SOIL		1	04-03-16	15:33	040183-16	DB35	GC8	P0309-B3		015761DFE	3
108	PEST	A1C48			SOIL		1	04-03-16	16:06	040183-14	DB35	GC8	P0308-B4		0161385EE	3
109	PEST	A1C42			SOIL		1	04-03-16	17:14	040183-04	DB35	GC8	P0305-B4		016515BD7	3
110	PEST	P1BLK1P	LIB		WATER		1	04-03-16	20:37	P1BLK1P	DB35	GC8			01688F6AA	3
111	PEST	PEM1P	CLE		WATER			04-03-16	21:11	PEM1P	DB35	GC8			017235F50	3
112	PEST	A1C39			SOIL		1	04-03-16	21:45	040183-07	DB35	GC8	P0305-B4		01746D6FC	3
113	PEST	A1C50			SOIL		1	04-03-16	22:52	040183-08	DB35	GC8	P0305-B4		01787A6E9	3
114	PEST	A1C46			SOIL		1	04-03-17	0:00	040183-17	DB35	GC8	P0309-B3		018265AE9	3
115	PEST	A1C47			SOIL		1	04-03-17	1:08	040183-18	DB35	GC8	P0309-B3		0187386BA	3
116	PEST	A1C52			SOIL		1	04-03-17	2:15	040183-19	DB35	GC8	P0311-B2		019156300	3
117	PEST	AR12541P	CLE		0			04-03-17	5:39	AR12541P	DB35	GC8			01961834F	3
118	PEST	AR16601P	CLE		0			04-03-17	6:13	AR16601P	DB35	GC8			019744806	3
119	PEST	P1BLK1Q	LIB		WATER		1	04-03-17	6:46	P1BLK1Q	DB35	GC8			01997B56D	3
120	PEST	INDAM1Q	CLE		0			04-03-17	7:20	INDAM1Q	DB35	GC8			020321ED2	3
121	PEST	INDBM1Q	CLE		0			04-03-17	7:54	INDBM1Q	DB35	GC8			02057A7D9	3
122	PEST	P1BLK1R	LIB		WATER		1	04-03-17	9:35	P1BLK1R	DB35	GC8			0208676C4	3
123	PEST	PEM1R	CLE		WATER			04-03-17	10:09	PEM1R	DB35	GC8			02121DF87	3
124	PEST	GPC0309CK1X	GPC		0			04-03-17	8:28	0309CK1X	DB5	GC8			000032E17	4
125	PEST	FLOSP1446A	FLO		0			04-02-25	13:53	SP1446A	DB5	GC8			000203C30	4
126	PEST		MNC		0					AVERAGE	DB5	GC8			00046C8DB	4
127	PEST	RESCOA	LPC		0			04-03-11	15:19	RESCOA	DB5	GC8			00164F8F7	4
128	PEST	PEMOA	CLE		WATER			04-03-11	15:53	PEMOA	DB5	GC8			001841EDF	4
129	PEST	AR16600A	CLS		0			04-03-11	16:27	AR16600A	DB5	GC8			0020797C5	4
130	PEST	AR12210A	CLS		0			04-03-11	17:01	AR12210A	DB5	GC8			00229F047	4
131	PEST	AR12320A	CLS		0			04-03-11	17:35	AR12320A	DB5	GC8			00245E7C8	4
132	PEST	AR12420A	CLS		0			04-03-11	18:08	AR12420A	DB5	GC8			00261DFA5	4
133	PEST	AR12480A	CLS		0			04-03-11	18:42	AR12480A	DB5	GC8			00277D920	4
134	PEST	AR12540A	CLS		0			04-03-11	19:16	AR12540A	DB5	GC8			00293D3E2	4
135	PEST	TOXAPHOA	CLS		0			04-03-11	19:50	TOXAPHOA	DB5	GC8			003058FBA	4
136	PEST	INDALOA	CLM		0			04-03-11	20:24	INDALOA	DB5	GC8			003218998	4
137	PEST	INDBLOA	CLM		0			04-03-11	20:58	INDBLOA	DB5	GC8			003460A78	4
138	PEST	INDAMOA	CLM		0			04-03-11	22:39	INDAMOA	DB5	GC8			00375CEBB	4
139	PEST	INDBMOA	CLM		0			04-03-11	23:13	INDBMOA	DB5	GC8			004005C4E	4
140	PEST	INDAHOA	CLM		0			04-03-12	0:55	INDAHOA	DB5	GC8			004292FB9	4
141	PEST	INDBHOA	CLM		0			04-03-12	1:29	INDBHOA	DB5	GC8			00454AF66	4
142	PEST	P1BLKOA	LIB		WATER		1	04-03-12	2:02	P1BLKOA	DB5	GC8			0048373AD	4
143	PEST	PEMOB	CLE		WATER			04-03-12	2:36	PEMOB	DB5	GC8			00518DC78	4
144	PEST	P1BLKOK	LIB		WATER		1	04-03-15	9:32	P1BLKOK	DB5	GC8			0054156E0	4
145	PEST	PEMOK	CLE		WATER			04-03-15	10:06	PEMOK	DB5	GC8			00576BFB1	4
146	PEST	PBLK01	LRB		SOIL		1	04-03-15	15:11	P0305-B4	DB5	GC8			005993AF5	4
147	PEST	PBLK02	LRB		SOIL		1	04-03-15	15:45	P0308-B4	DB5	GC8			00636CD0C	4
148	PEST	PBLK03	LRB		SOIL		1	04-03-15	16:18	P0309-B3	DB5	GC8			006735F2E	4
149	PEST	PBLK04	LRB		SOIL		1	04-03-15	16:52	P0311-B2	DB5	GC8			00710FOEC	4
150	PEST	P1BLKOL	LIB		WATER		1	04-03-15	18:34	P1BLKOL	DB5	GC8			007478394	4
151	PEST	INDAMOL	CLE		0			04-03-15	19:07	INDAMOL	DB5	GC8			00782ECF9	4
152	PEST	INDBMOL	CLE		0			04-03-15	19:41	INDBMOL	DB5	GC8			00807747A	4
153	PEST	A1C71	FRM		SOIL		1	04-03-15	20:15	040183-10	DB5	GC8	P0305-B4		00836414A	4

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

14

== FILE SKELETON ==

Obs	FRAC	SAMPLE	QC	SQ	LEVEL	MATRIX	DILUT	ANALYSIS DATE	ANAL. TIME	LAB FILE/ SAMP_ID	COL_ID	INSTID	MB_FID	SB_FID	REC_REF	RUN
154	PEST	A1C72	FRM			SOIL	1	04-03-15	21:23	040183-11	DB5	GC8	P0305-B4		0088042F7	4
155	PEST	A1C39DL		SRN		SOIL	10	04-03-15	23:04	040183-07DL	DB5	GC8	P0305-B4		009309593	4
156	PEST	A1C47DL		SRN		SOIL	10	04-03-16	1:19	040183-18DL	DB5	GC8	P0309-B3		00967308C	4
157	PEST	PIBLKOM	LIB			WATER	1	04-03-16	4:08	PIBLKOM	DB5	GC8			01005D9E2	4
158	PEST	PEMOM	CLE			WATER		04-03-16	4:42	PEMOM	DB5	GC8			01040429E	4
159	PEST	A1C52DL		SRN		SOIL	10	04-03-16	5:16	040183-19DL	DB5	GC8	P0311-B2		010638D94	4
160	PEST	A1C37	LSD			SOIL	1	04-03-16	5:49	040183-01	DB5	GC8	P0305-B4		01105A93A	4
161	PEST	A1C37MS	LF1			SOIL	1	04-03-16	6:23	040183-01MS	DB5	GC8	P0305-B4		0114242F6	4
162	PEST	A1C37MSD	LF2			SOIL	1	04-03-16	6:57	040183-01MSD	DB5	GC8	P0305-B4		011853A76	4
163	PEST	A1C38				SOIL	1	04-03-16	7:31	040183-02	DB5	GC8	P0305-B4		012283187	4
164	PEST	A1C41				SOIL	1	04-03-16	8:05	040183-03	DB5	GC8	P0305-B4		01265CA4A	4
165	PEST	A1C43				SOIL	1	04-03-16	8:39	040183-05	DB5	GC8	P0305-B4		013026295	4
166	PEST	A1C51				SOIL	1	04-03-16	9:13	040183-06	DB5	GC8	P0305-B4		01339FAE7	4
167	PEST	PIBLKON	LIB			WATER	1	04-03-16	11:02	PIBLKON	DB5	GC8			013769569	4
168	PEST	INDAMON	CLE			0		04-03-16	11:36	INDAMON	DB5	GC8			01411FED0	4
169	PEST	INDBMON	CLE			0		04-03-16	12:10	INDBMON	DB5	GC8			014368A73	4
170	PEST	A1C40				SOIL	1	04-03-16	13:51	040183-12	DB5	GC8	P0308-B4		01465568B	4
171	PEST	A1C44				SOIL	1	04-03-16	14:25	040183-13	DB5	GC8	P0308-B4		01502EF42	4
172	PEST	A1C49				SOIL	1	04-03-16	14:59	040183-15	DB5	GC8	P0308-B4		015398874	4
173	PEST	A1C45				SOIL	1	04-03-16	15:33	040183-16	DB5	GC8	P0309-B3		0157620FD	4
174	PEST	A1C48				SOIL	1	04-03-16	16:06	040183-14	DB5	GC8	P0308-B4		0161388FB	4
175	PEST	A1C42				SOIL	1	04-03-16	17:14	040183-04	DB5	GC8	P0305-B4		016515EFA	4
176	PEST	PIBLKOP	LIB			WATER	1	04-03-16	20:37	PIBLKOP	DB5	GC8			01688FA47	4
177	PEST	PEMOP	CLE			WATER		04-03-16	21:11	PEMOP	DB5	GC8			017236309	4
178	PEST	A1C39				SOIL	1	04-03-16	21:45	040183-07	DB5	GC8	P0305-B4		01746DA8A	4
179	PEST	A1C50				SOIL	1	04-03-16	22:52	040183-08	DB5	GC8	P0305-B4		01787AB10	4
180	PEST	A1C46				SOIL	1	04-03-17	0:00	040183-17	DB5	GC8	P0309-B3		018265F4C	4
181	PEST	A1C47				SOIL	1	04-03-17	1:08	040183-18	DB5	GC8	P0309-B3		018738897	4
182	PEST	A1C52				SOIL	1	04-03-17	2:15	040183-19	DB5	GC8	P0311-B2		019156698	4
183	PEST	AR12540P	CLE			0		04-03-17	5:39	AR12540P	DB5	GC8			0196185D4	4
184	PEST	AR16600P	CLE			0		04-03-17	6:13	AR16600P	DB5	GC8			019744D73	4
185	PEST	PIBLKOQ	LIB			WATER	1	04-03-17	6:46	PIBLKOQ	DB5	GC8			01997B88B	4
186	PEST	INDAMOQ	CLE			0		04-03-17	7:20	INDAMOQ	DB5	GC8			0203221E5	4
187	PEST	INDBMOQ	CLE			0		04-03-17	7:54	INDBMOQ	DB5	GC8			02057AB3A	4
188	PEST	PIBLKOR	LIB			WATER	1	04-03-17	9:35	PIBLKOR	DB5	GC8			020867A71	4
189	PEST	PEMOR	CLE			WATER		04-03-17	10:09	PEMOR	DB5	GC8			02121E344	4

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
 SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
 ORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM

15

DEFECT DETAIL

LAB:CEIMIC SDG:A1C37 DRD:03/30/2004

CRIT	SAMPLE	CAS #	CURRENT-VALUE	CORRECT-VALUE	-----PESTICIDE-(BEGIN)
PF.8.1	MS %Recovery is outside QC limits. (Exhibit D PEST Sec. 12.2.5.5)				
	* A1C37MS	58899	43 ✓ <i>both columns</i>	46 - 127	
PF.8.2	MSD %Recovery is outside QC limits. (Exhibit D PEST Sec. 12.2.5.5)				
	* A1C37MSD	58899	33 ✓ <i>DBS</i>	46 - 127	
	A1C37MSD	58899	42 ✓ <i>DBS</i>	46 - 127	

16

CASE: 32635
LAB CODE: CEIMIC
SDG NO: A1C37

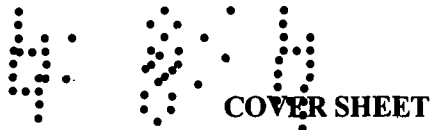
CONTRACT: 68W03018

SAMPLES: 26
SAS NO.:
REGION: 1

SCREENER: _____

DATE RECEIVED 03/30/2004

[illegible]



LABORATORY RESPONSE TO RESULTS OF
CONTRACT COMPLIANCE SCREENING (CCS)

APR 08 2004

Response To: (Check One)

☒ Organic CCS

☐ Inorganic CCS

Apr 13, 2004
yly

Response materials should be sent to the attention of the CCS Coordinator.

Labcode: CETMIC

Response Date: 04/06/04

Date Screening
Results Received
at Laboratory: 04/05/04

EPA Contract No. 68W03018

Case No. 32635

SDG No. A1C37

WA
4-12-04

Sample Nos. A1C42

*Only list sample numbers that require reconciliation.

This form is used to identify materials sent in response to results of Contract Compliance Screening (CCS). A separate form must accompany the response for each SDG.

Please indicate (on the attached continuation form) which fractions and/or which criteria correspond with your resubmission. Response materials sent to CCS should also be copied to the Region with this blue Cover Sheet.

Laboratory Response To Results Of CCS

SDG#: A1C37 **(SEMI)**

Criterion	Comments
BI.12.2.1	Spectra enclosed.
BI.29	TIC Spectra enclosed.


Paul T. Frankson

Data File: \\Bnai\dd\chem\ms9.i\I031004B.D\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Sample Info: S,040183-04,I031004B.b

Volume Injected (uL): 2.0

Column phase: ZB5

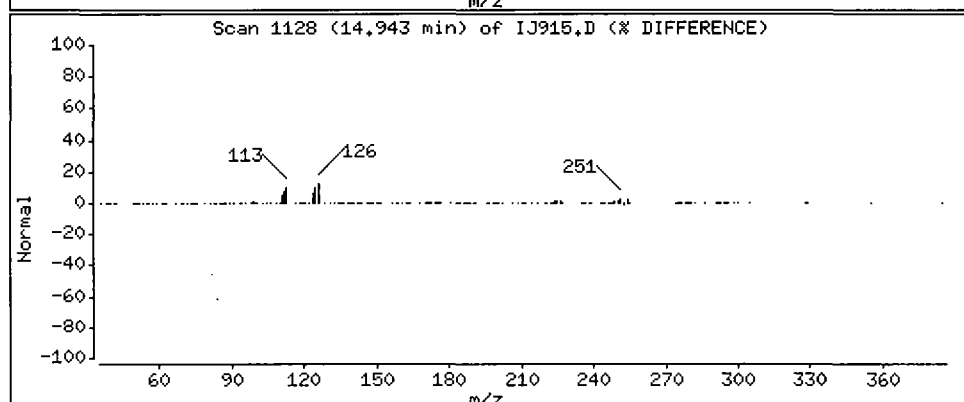
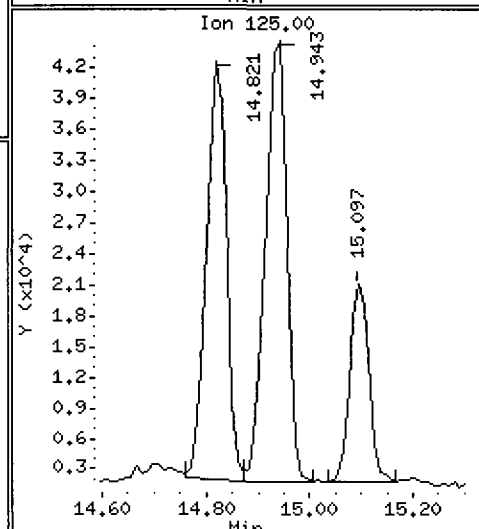
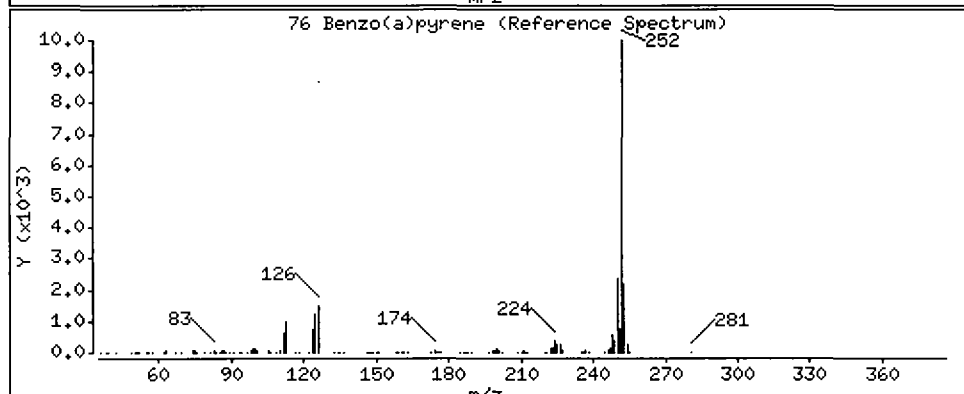
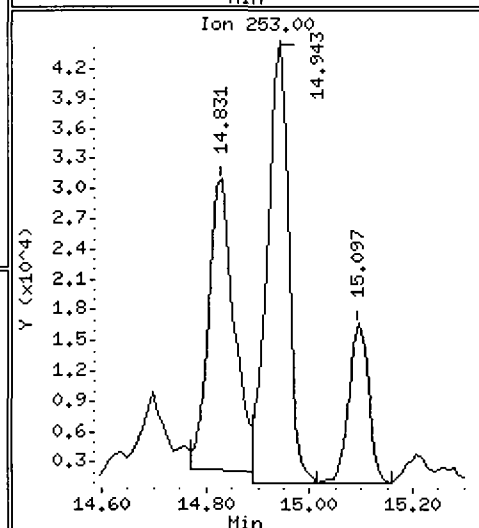
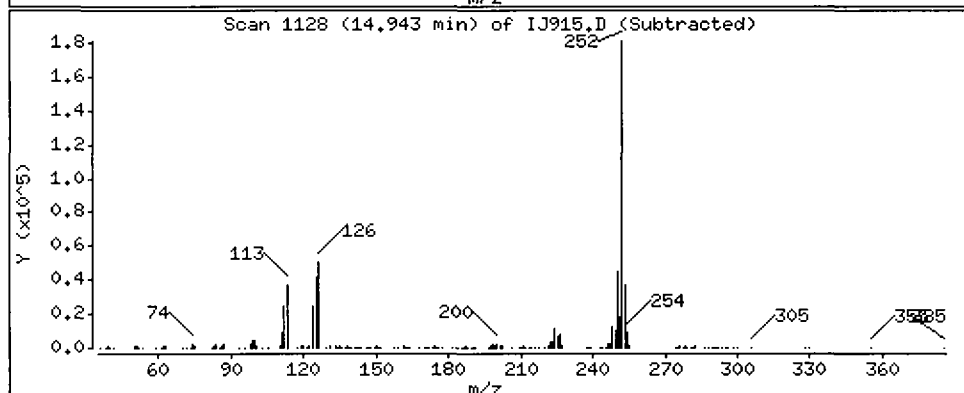
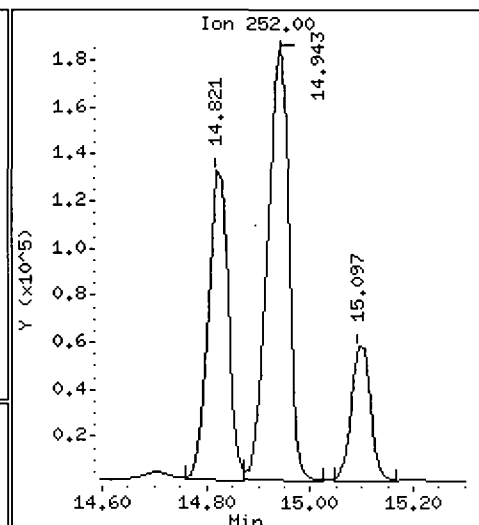
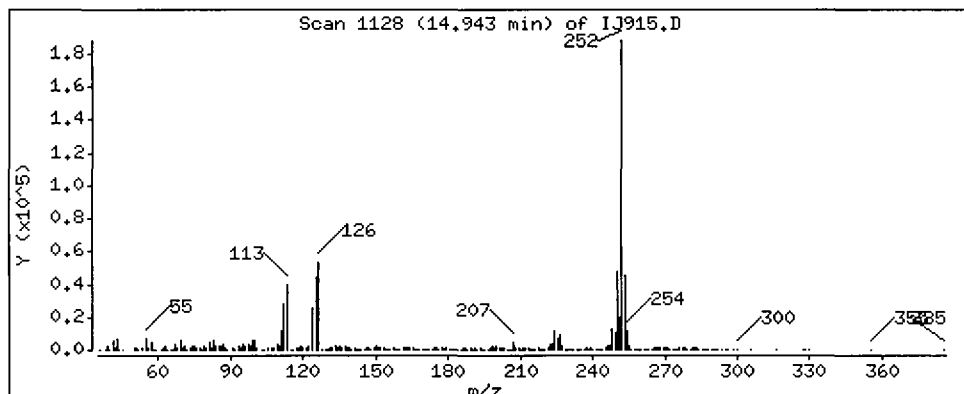
Instrument: ms9.i

Operator: KH

Column diameter: 0.25

76 Benzo(a)pyrene

Concentration: 2800 ug/Kg



256A

Data File: \\Bna1dd\chem\ms9.i\I031004B.b\IJ915.D
Date : 10-MAR-2004 20:36
Client ID: A1042

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

Volume Injected (uL): 2.0

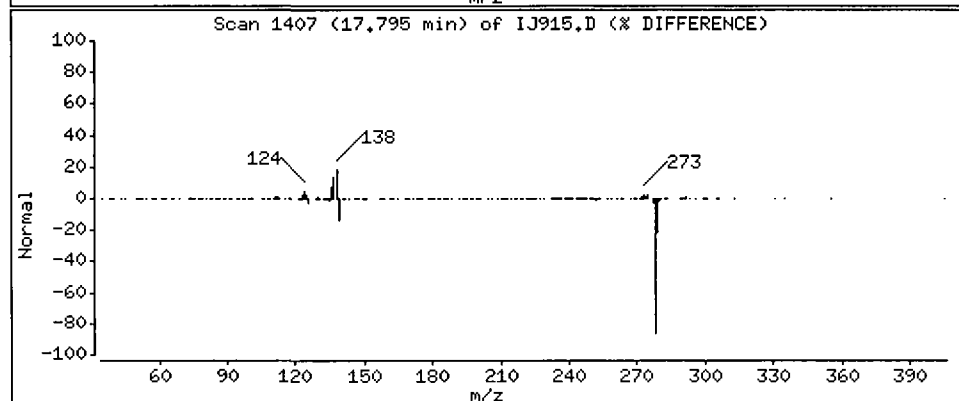
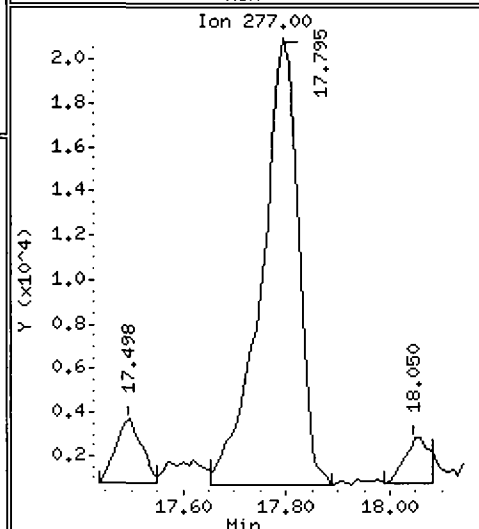
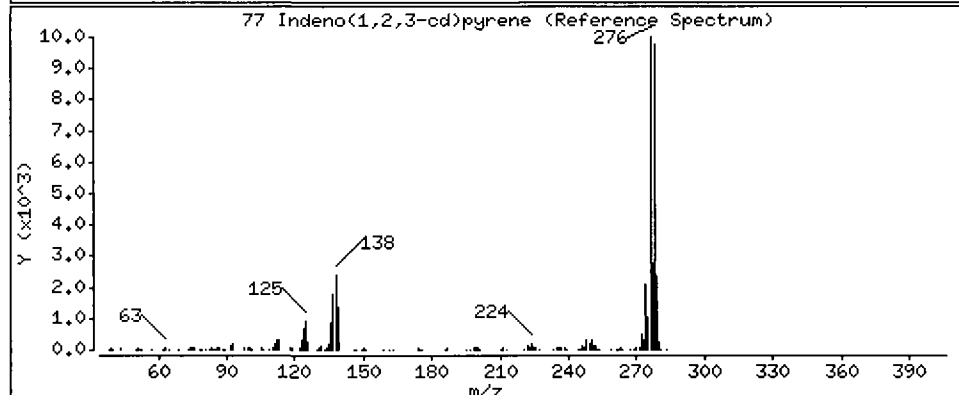
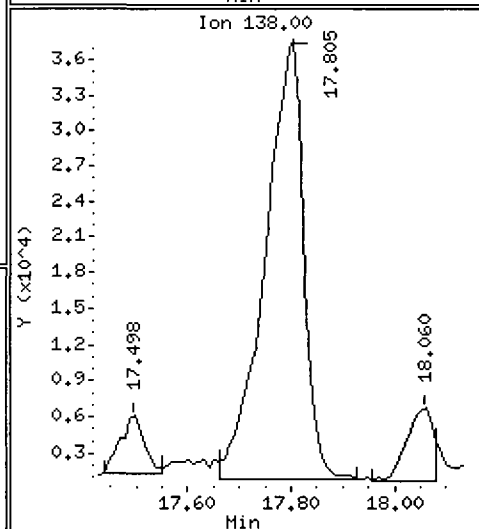
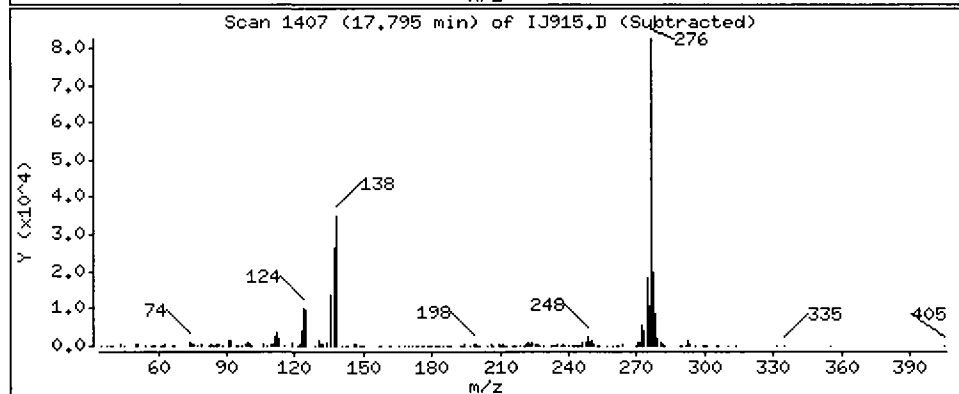
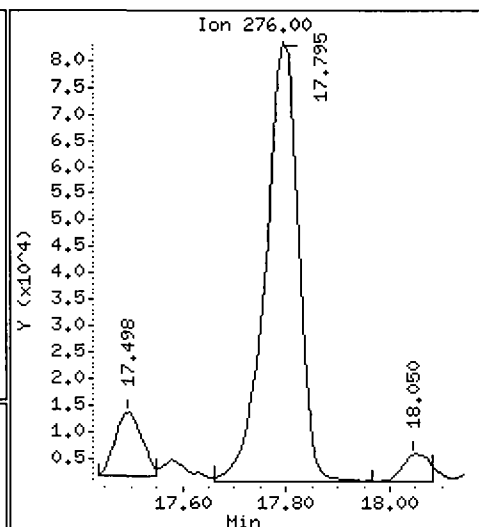
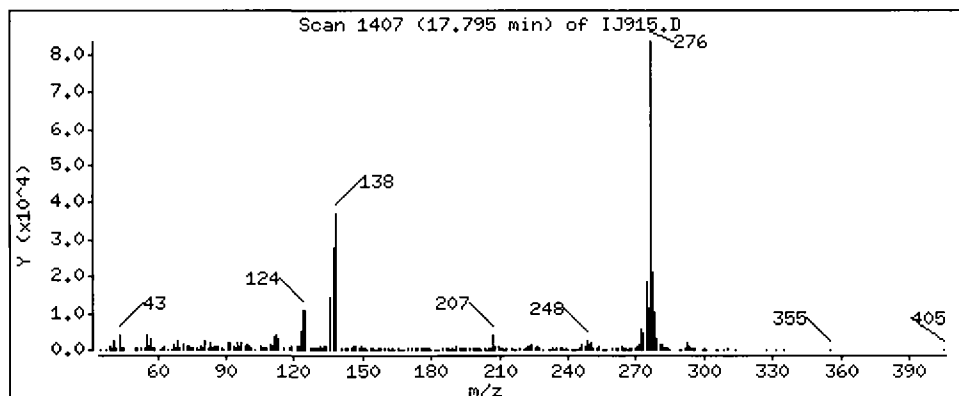
Operator: KH

Column phase: ZB5

Column diameter: 0.25

77 Indeno(1,2,3-cd)pyrene

Concentration: 1700 ug/Kg



256B

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

Volume Injected (uL): 2.0

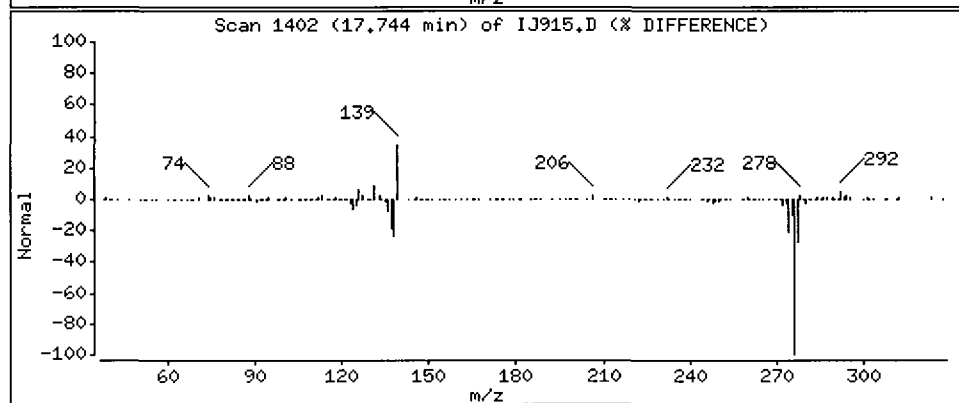
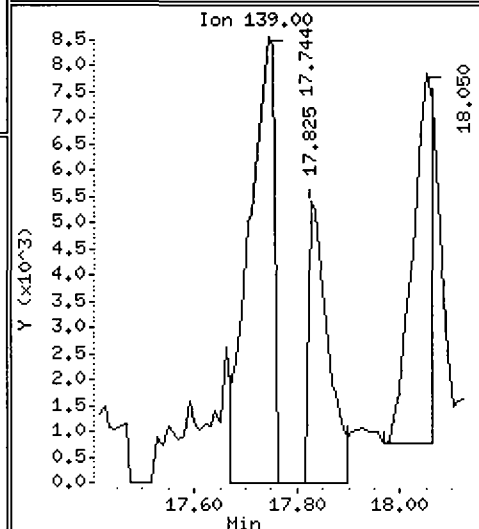
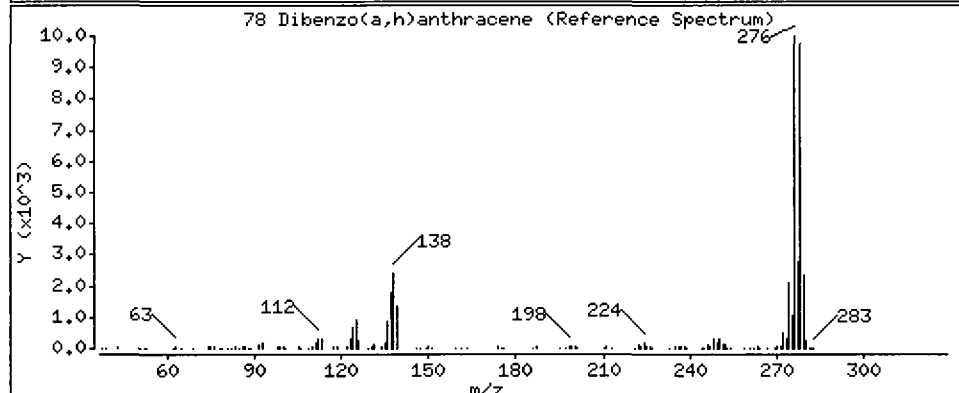
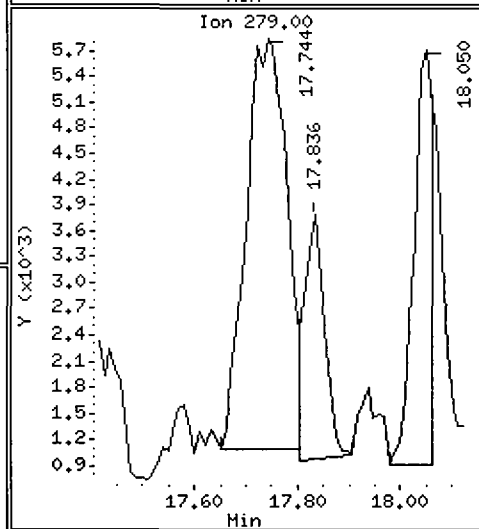
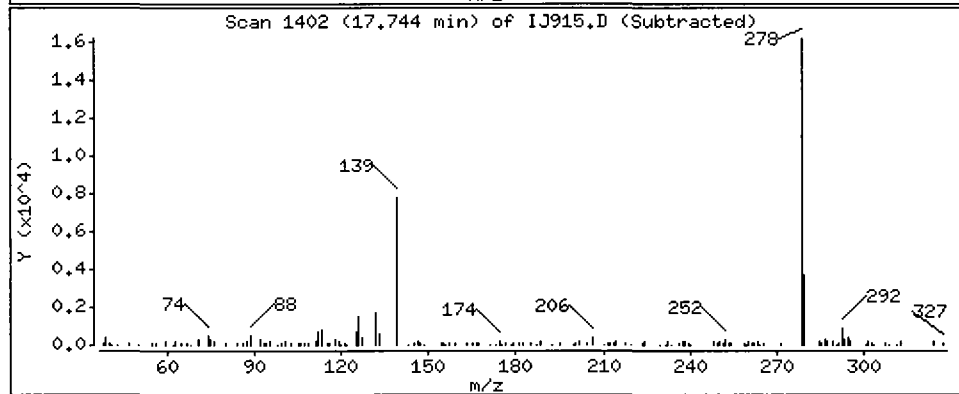
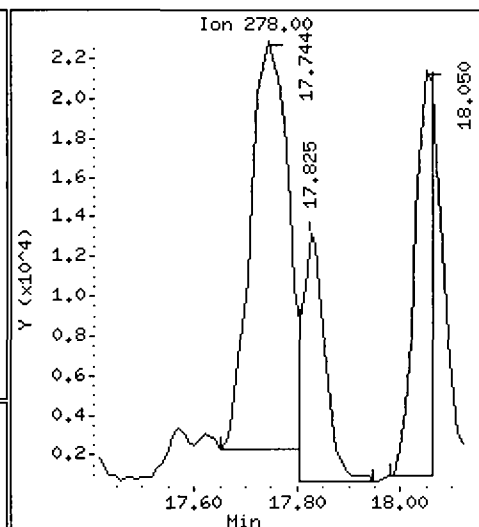
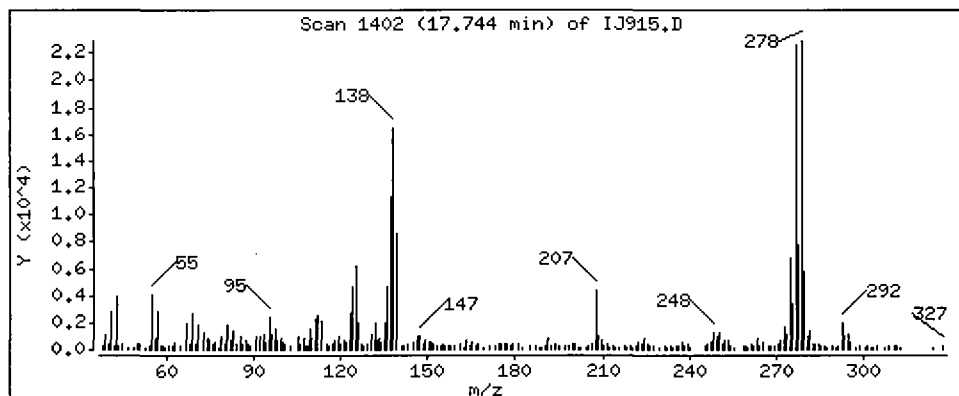
Operator: KH

Column phase: ZB5

Column diameter: 0.25

78 Dibenzo(a,h)anthracene

Concentration: 620 ug/Kg



256C

Data File: \\Bnai\dd\chem\ms9,i\I031004B,b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1042

Instrument: ms9.i

Sample Info: S,040183-04,I031004B,b

Volume Injected (uL): 2.0

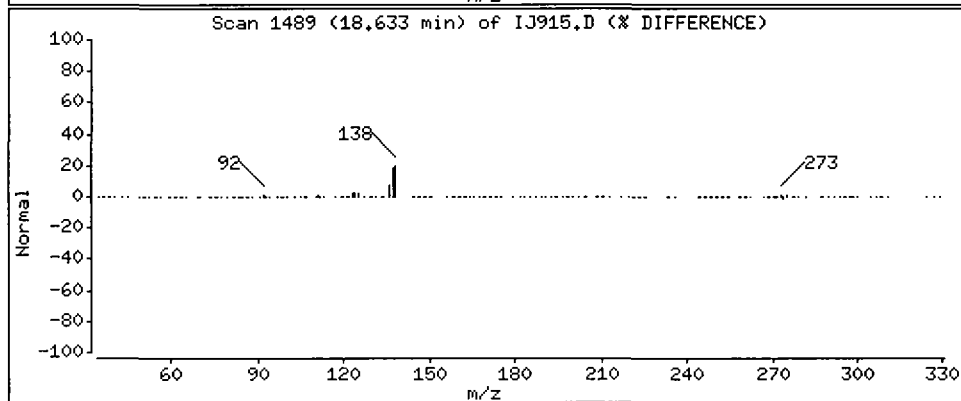
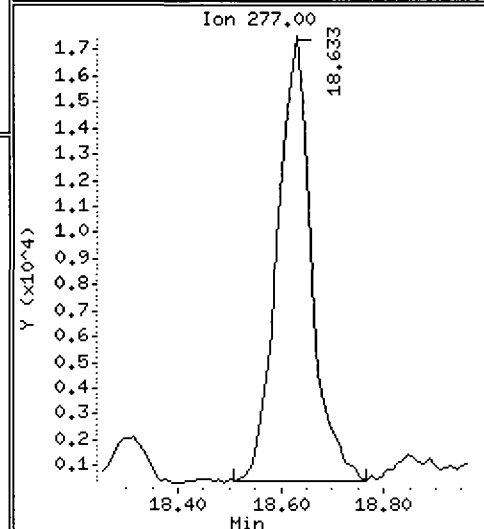
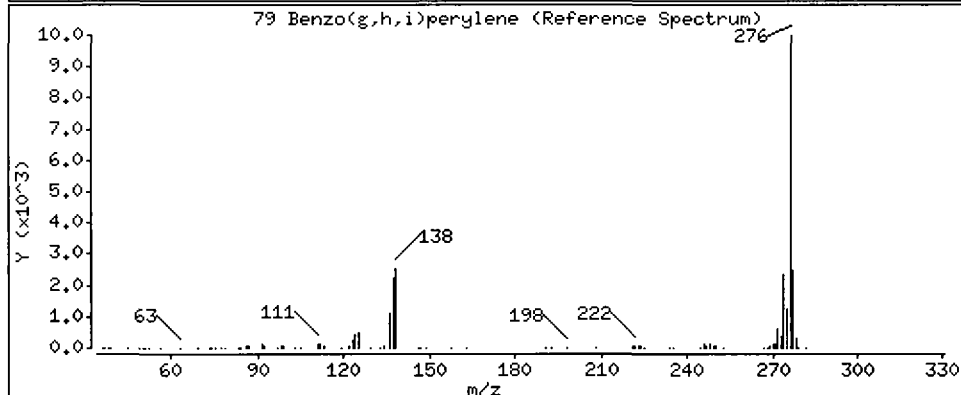
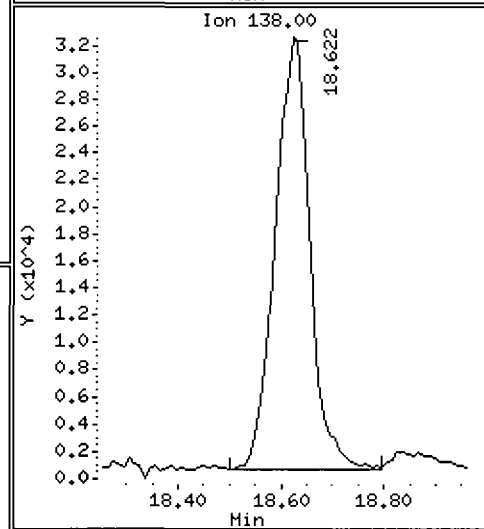
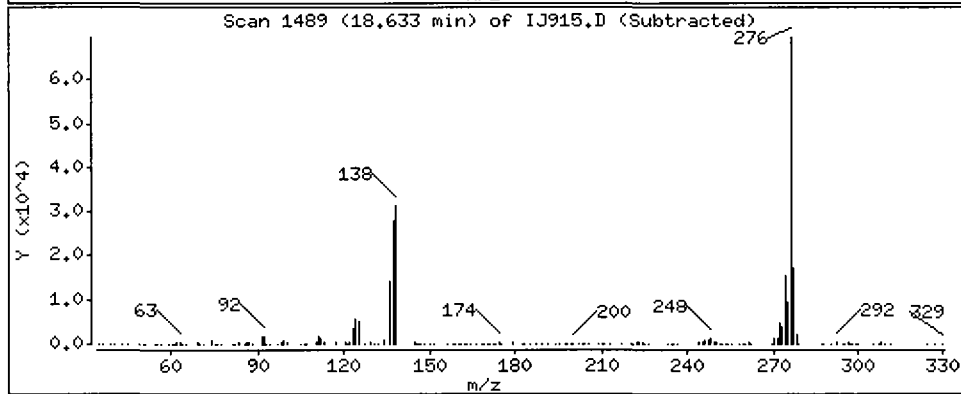
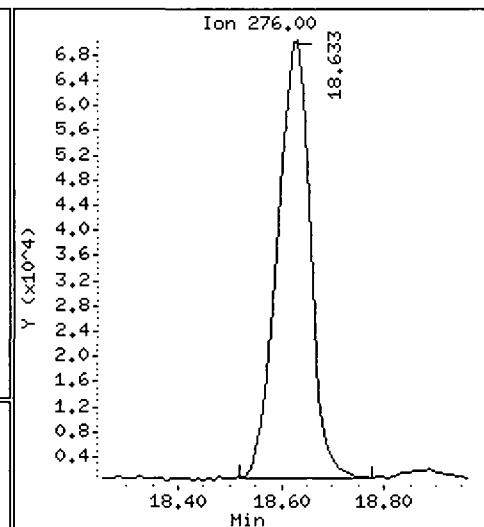
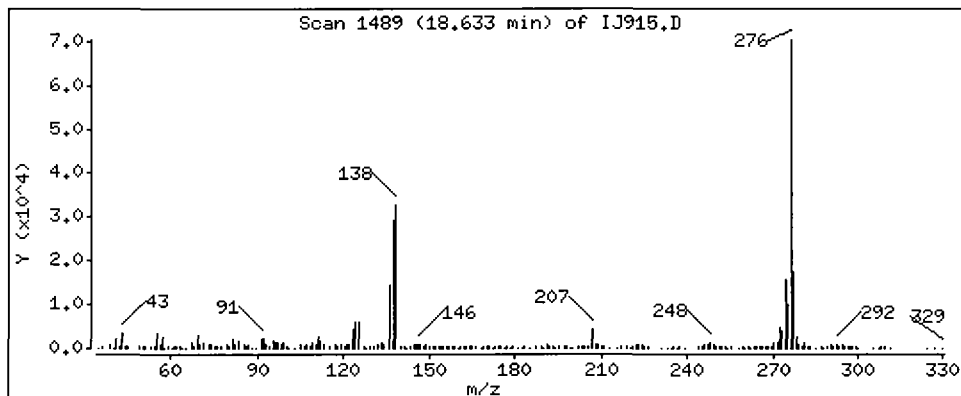
Operator: KH

Column phase: ZB5

Column diameter: 0.25

79 Benzo(g,h,i)perylene

Concentration: 1800 ug/Kg



256D

Data File: \\Bna1\dd\chem\ms9.i\I031004B,b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1042

Instrument: ms9.i

Sample Info: S,040183-04,I031004B,b

Volume Injected (uL): 2.0

Operator: KH

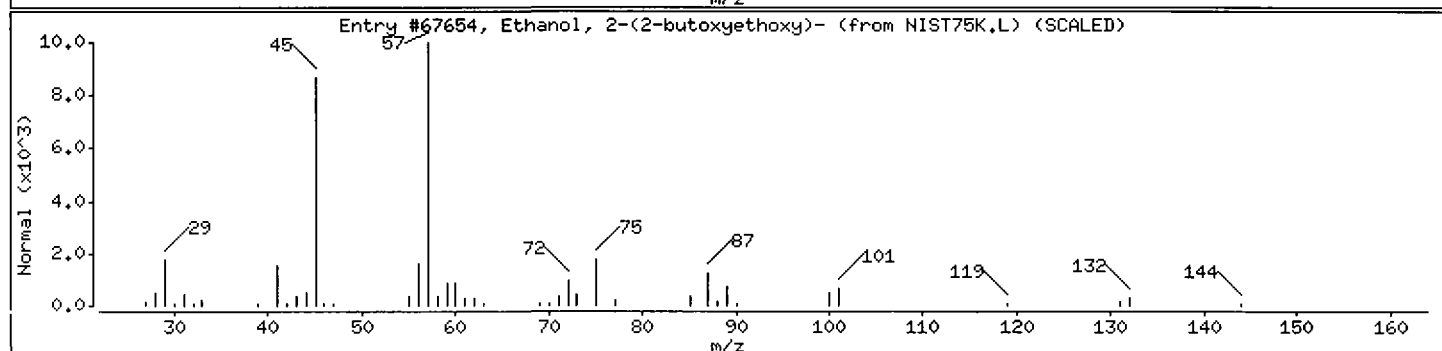
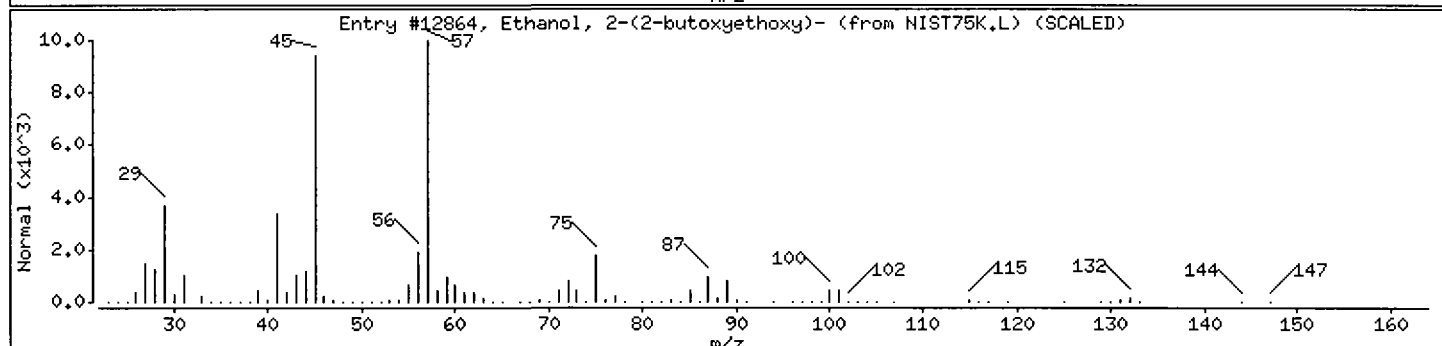
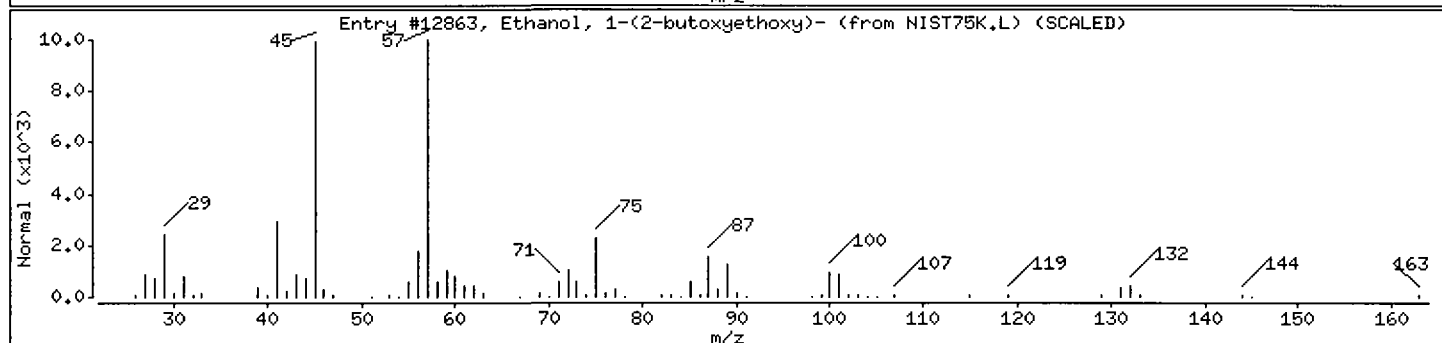
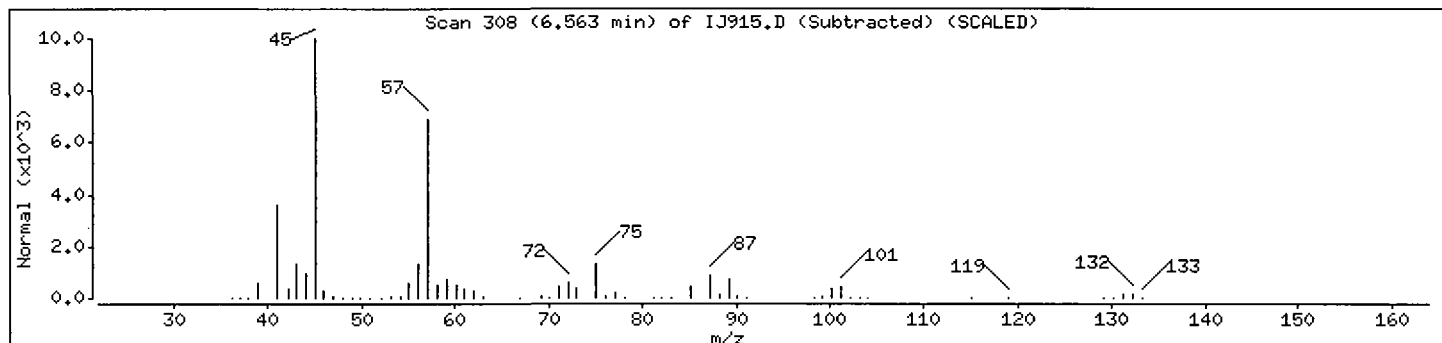
Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match

Unknown

CAS Number	Library	Entry	Quality	Formula	Weight
54446-78-5	NIST75K.L	12863	83	C8H18O3	162
112-34-5	NIST75K.L	12864	52	C8H18O3	162
112-34-5	NIST75K.L	67654	50	C8H18O3	162



256E

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

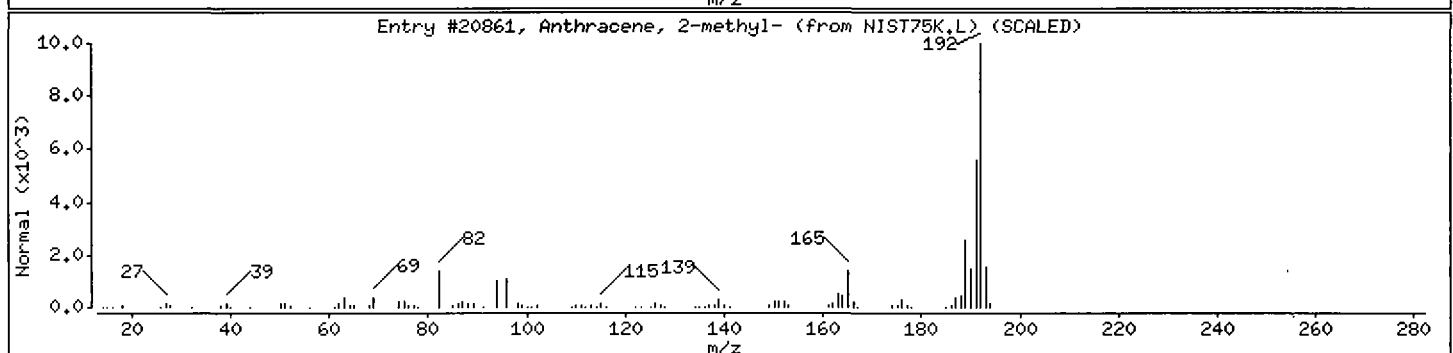
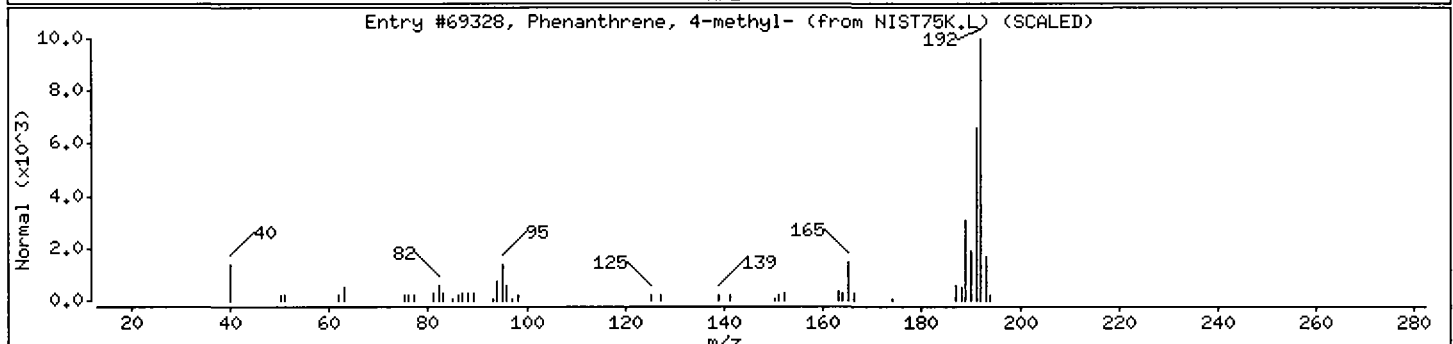
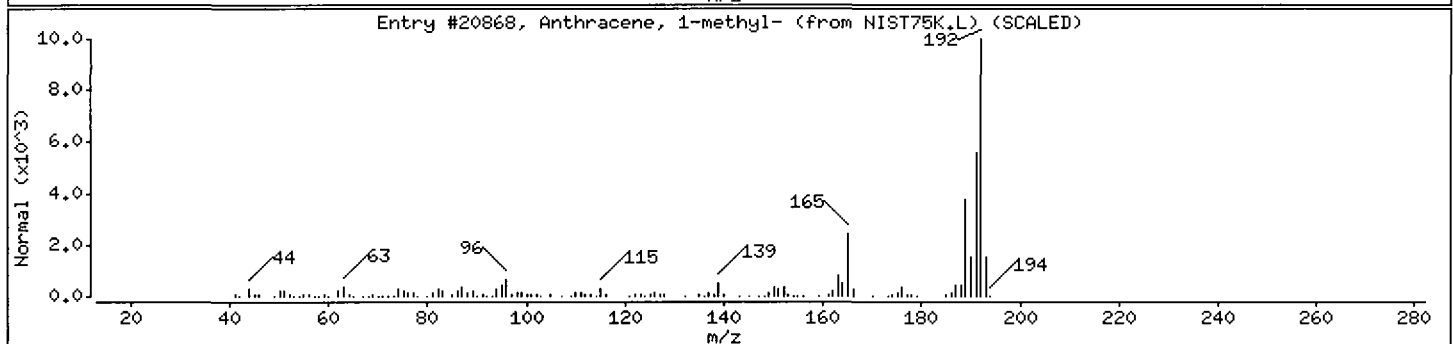
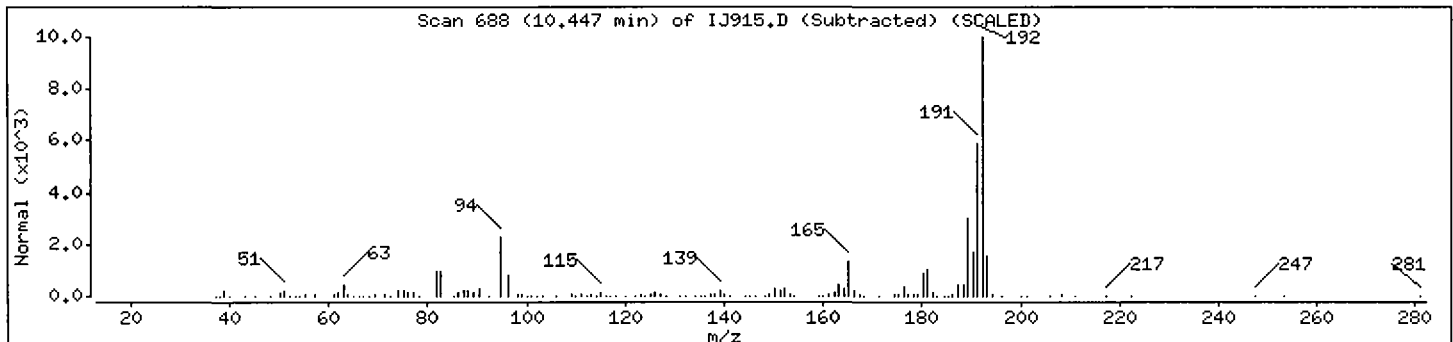
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Anthracene, 1-methyl-	610-48-0	NIST75K.L	20868	91	C15H12	192
Phenanthrene, 4-methyl-	832-64-4	NIST75K.L	69328	91	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST75K.L	20861	89	C15H12	192



256F

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S.040183-04,I031004B.b

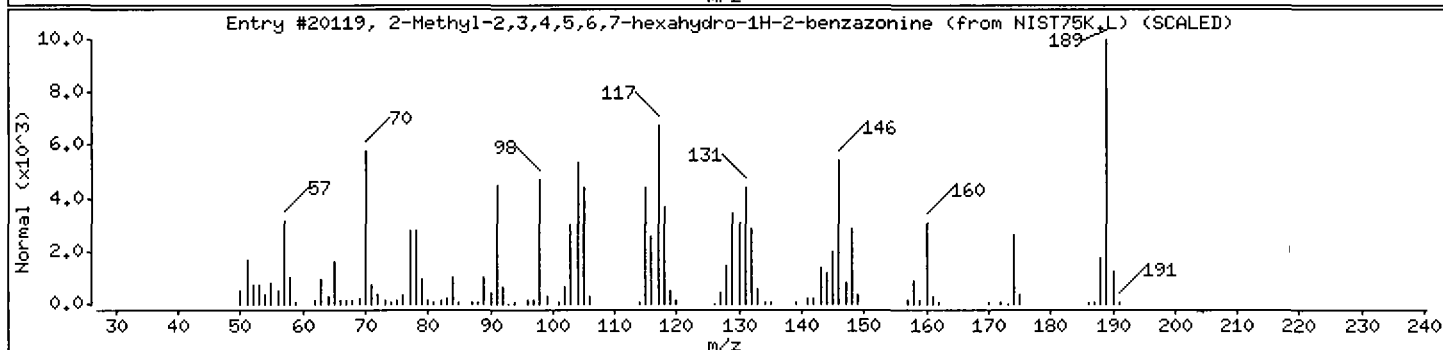
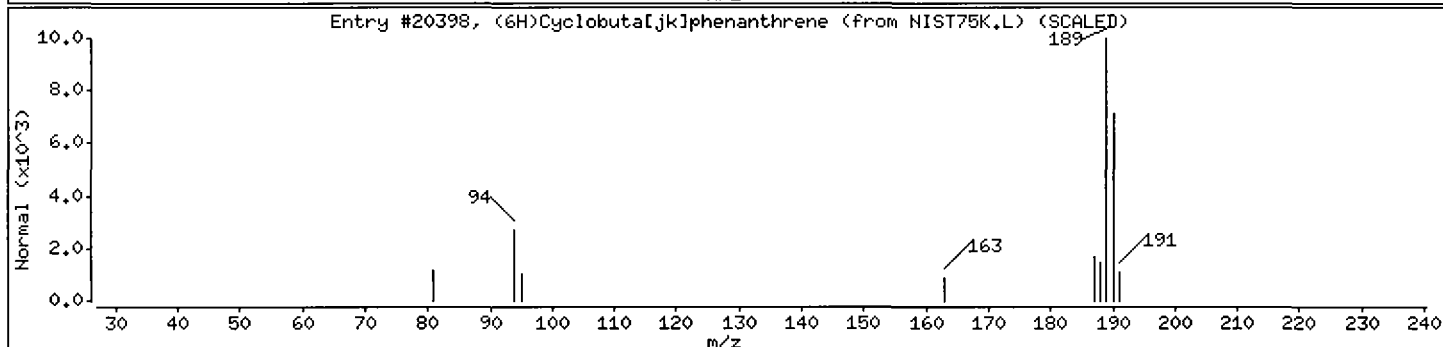
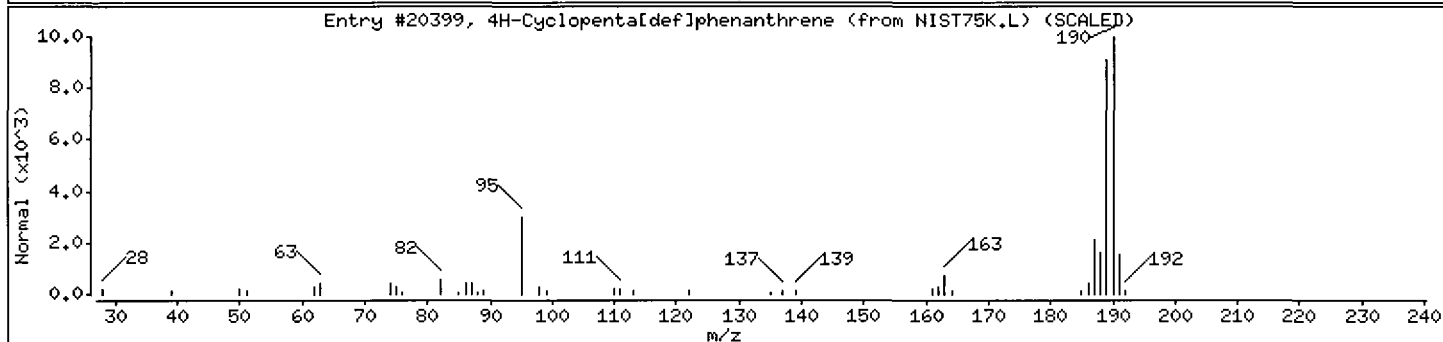
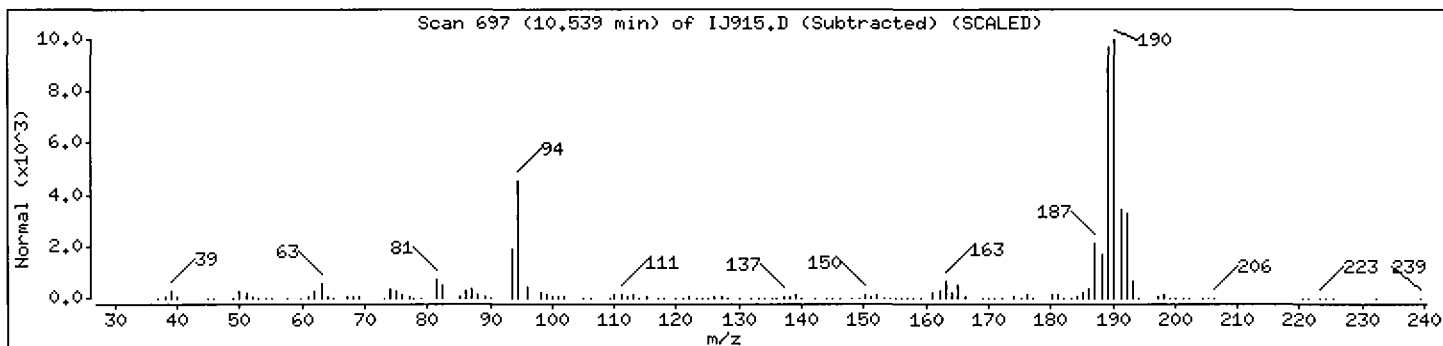
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown PAH						
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST75K.L	20399	52	C15H10	190
(6H)Cyclobuta[jk]phenanthrene	0-00-0	NIST75K.L	20398	45	C15H10	190
2-Methyl-2,3,4,5,6,7-hexahydro-1H-2-benz	78838-08-1	NIST75K.L	20119	14	C13H19N	189



2566

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S.040183-04,I031004B.b

Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match

Unknown PAH

11H-Benzo[b]fluorene

CAS Number

Library

Entry

Quality

Formula

Weight

243-17-4

NIST75K.L

26848

83

C17H12

216

243-17-4

NIST75K.L

70410

83

C17H12

216

Pyrene, 1-methyl-

2381-21-7

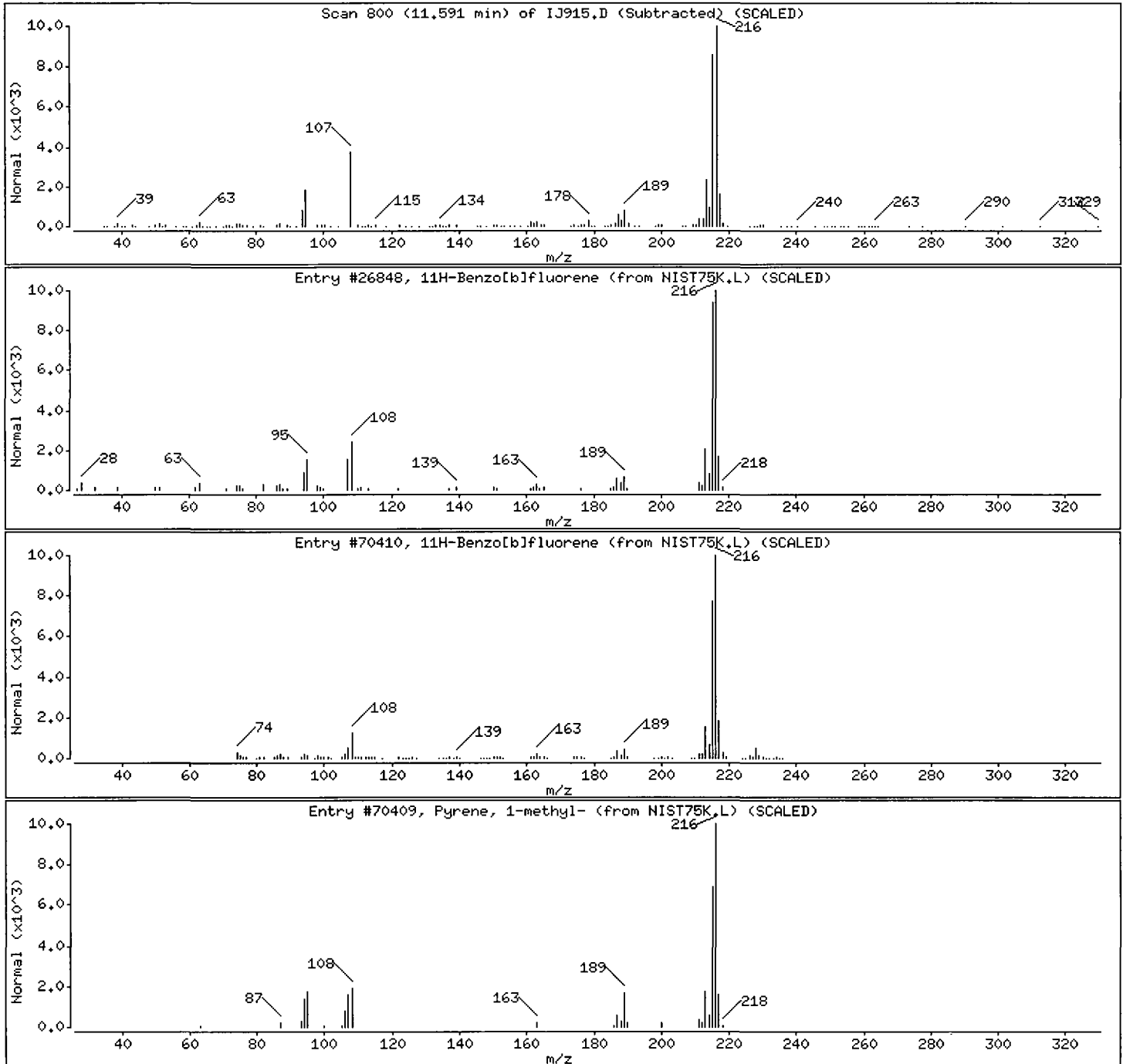
NIST75K.L

70409

81

C17H12

216



256H

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1042

Instrument: ms9.i

Sample Info: S.040183-04,I031004B.b

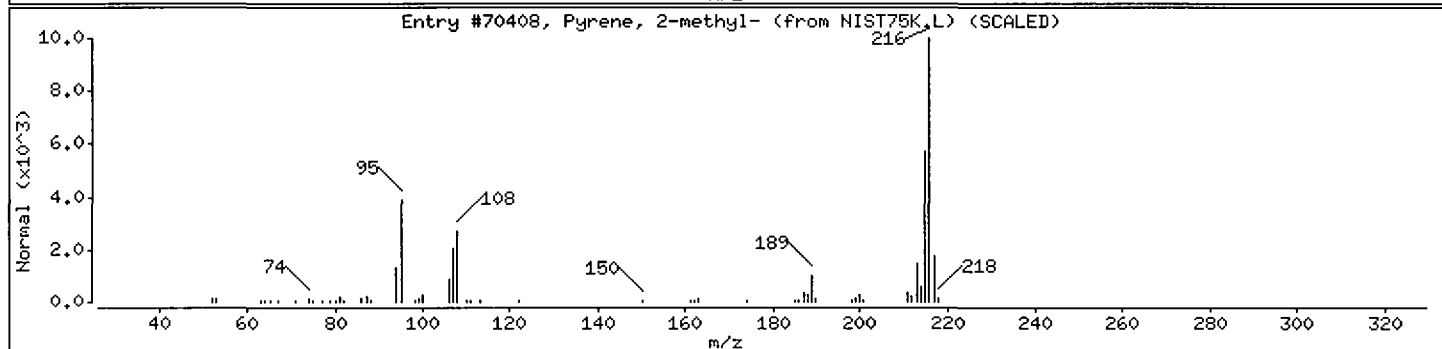
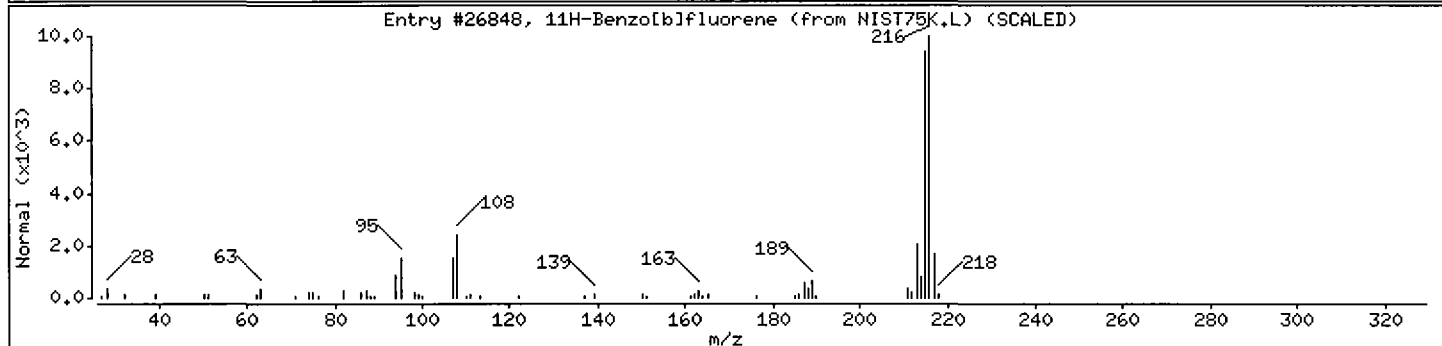
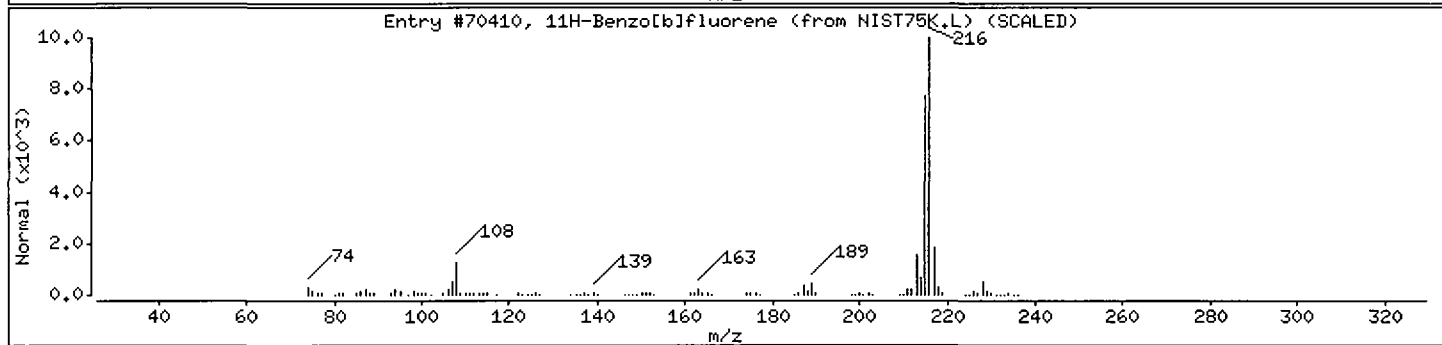
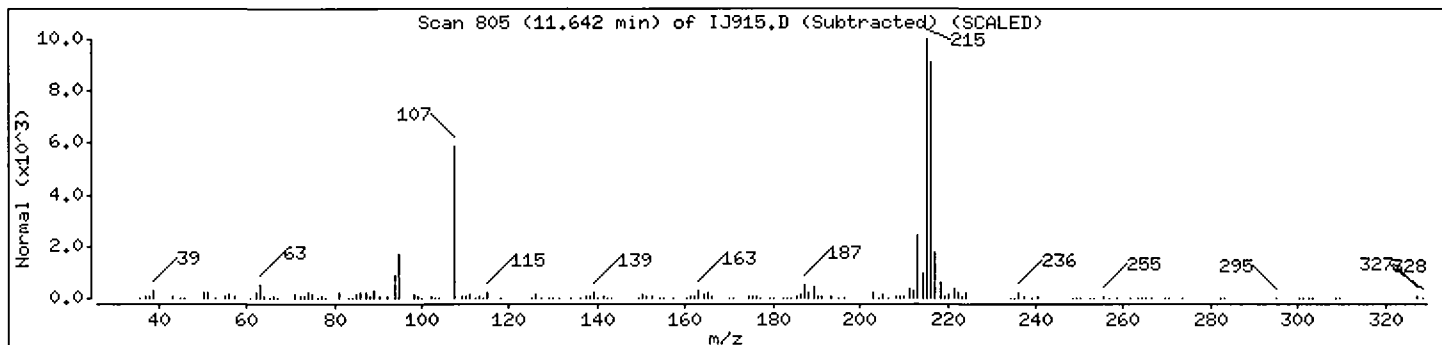
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST75K.L	70410	94	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST75K.L	26848	76	C17H12	216
Pyrene, 2-methyl-	3442-78-2	NIST75K.L	70408	64	C17H12	216



256I

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

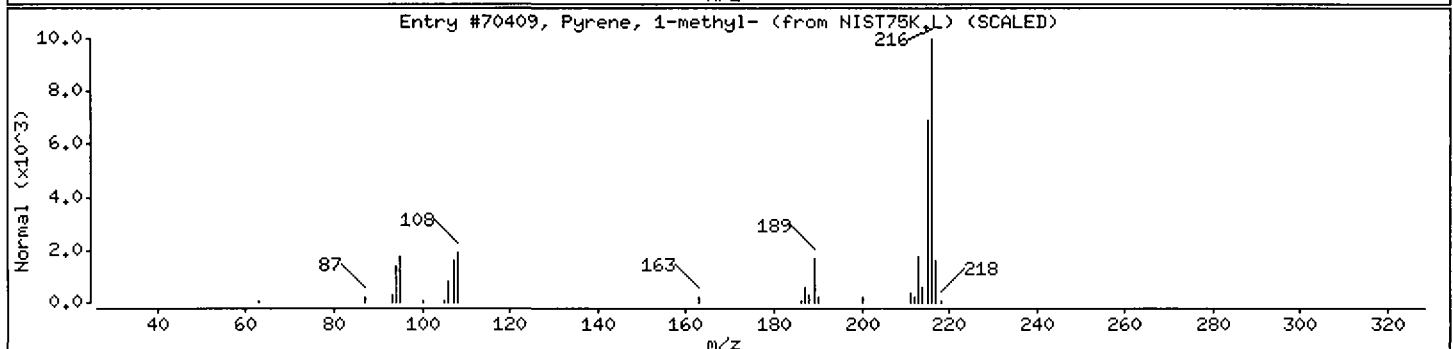
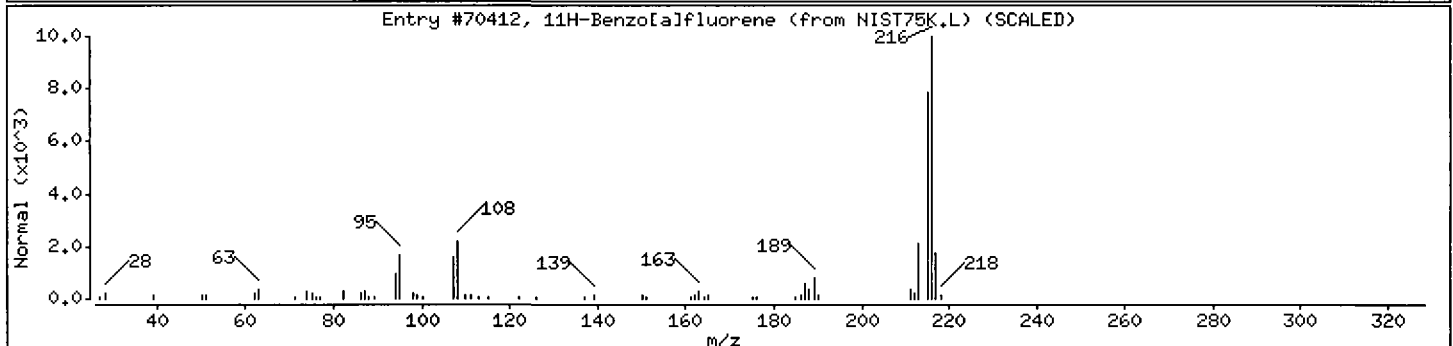
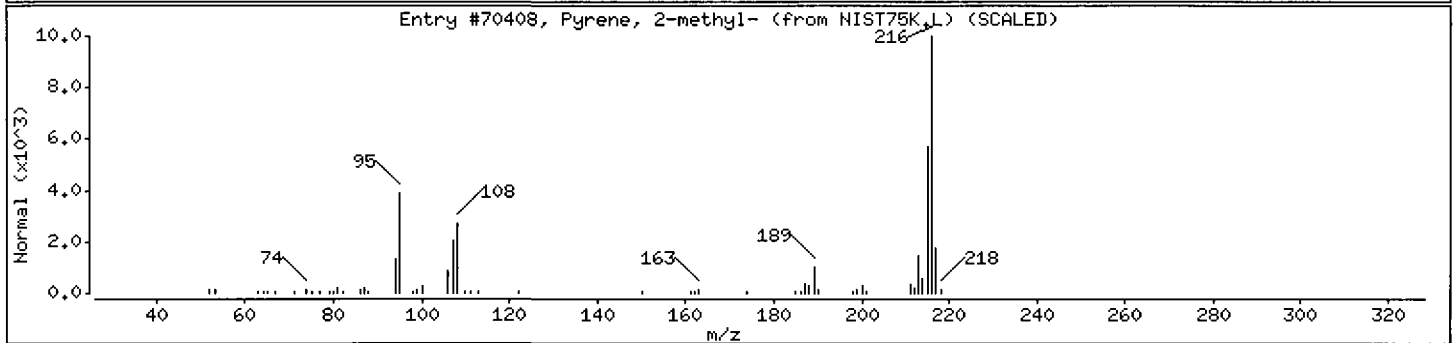
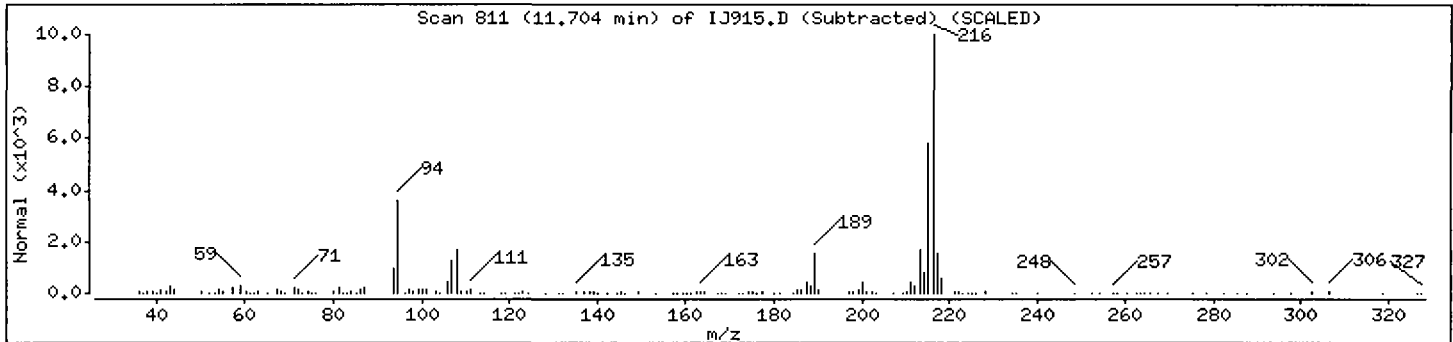
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 2-methyl-	3442-78-2	NIST75K.L	70408	95	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST75K.L	70412	94	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST75K.L	70409	93	C17H12	216



2565

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

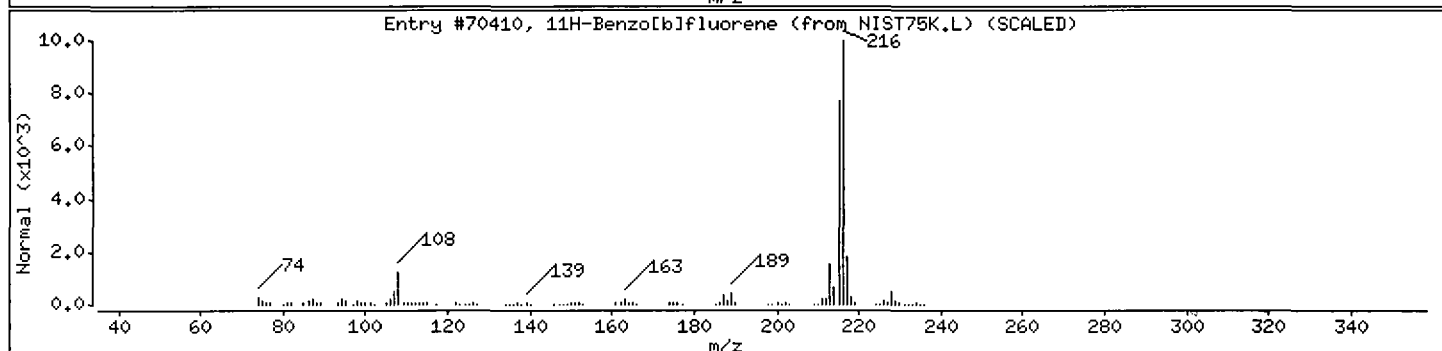
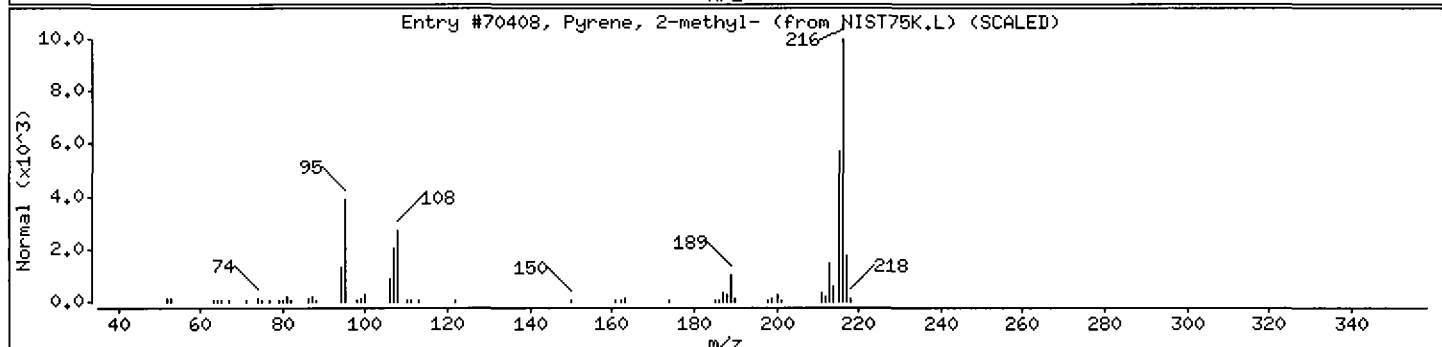
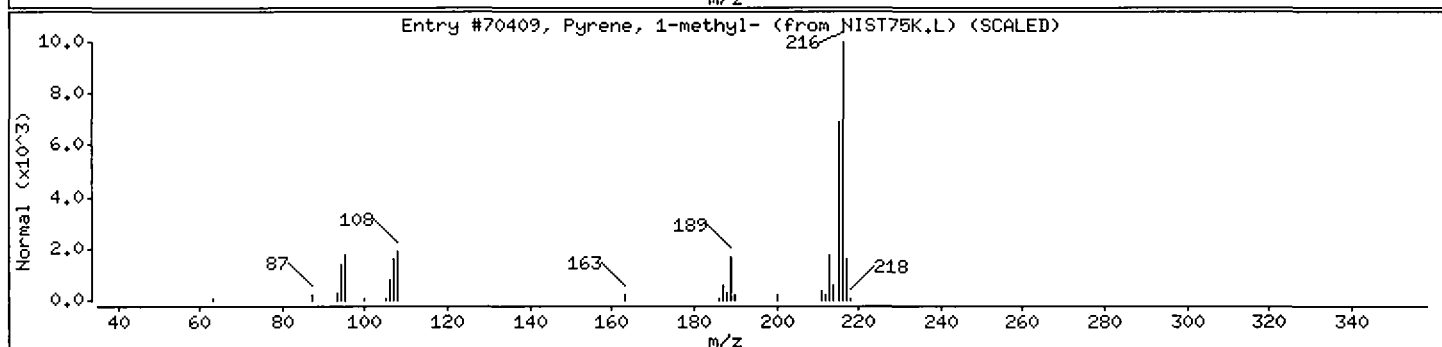
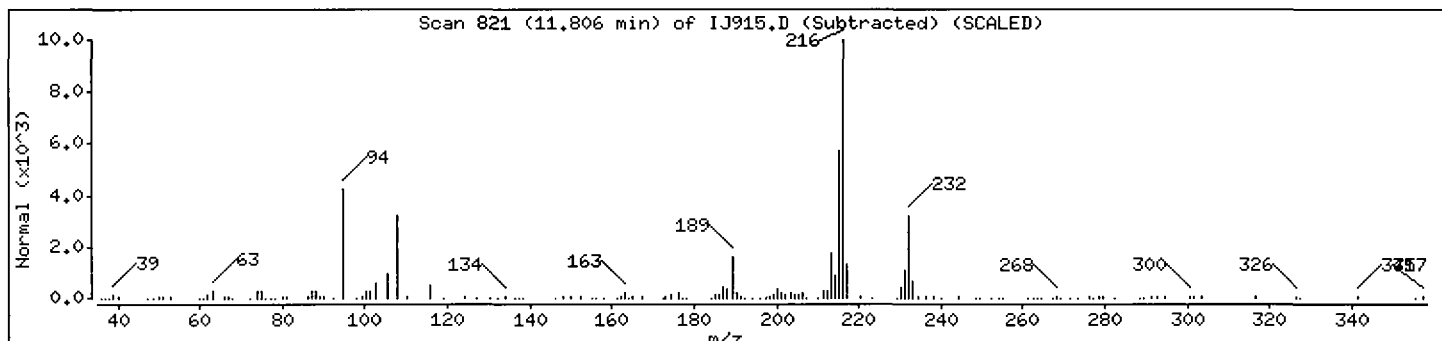
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 1-methyl-	2381-21-7	NIST75K.L	70409	91	C17H12	216
Pyrene, 2-methyl-	3442-78-2	NIST75K.L	70408	64	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST75K.L	70410	60	C17H12	216



256K

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

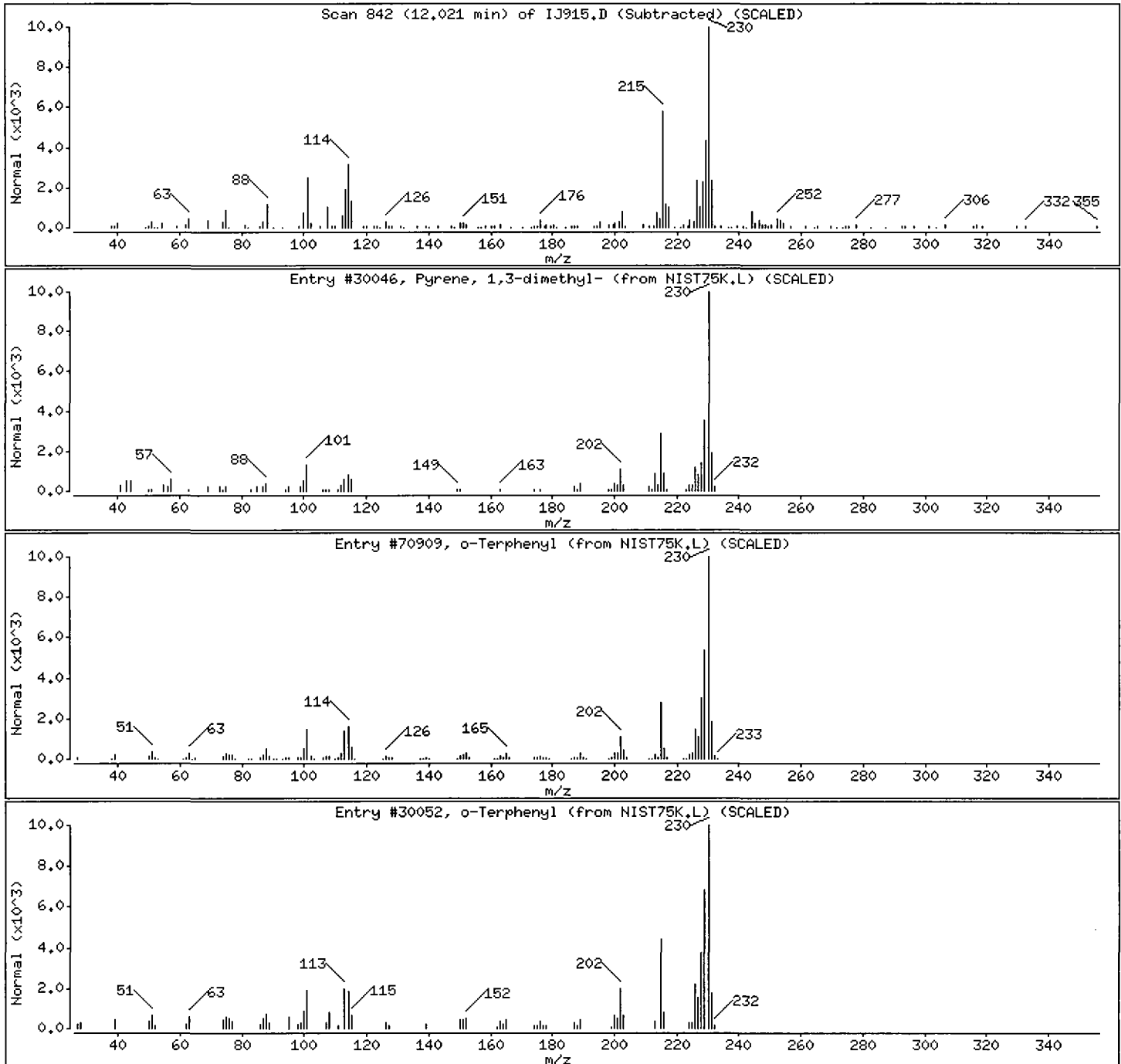
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown PAH						
Pyrene, 1,3-dimethyl-	64401-21-4	NIST75K.L	30046	58	C18H14	230
o-Terphenyl	84-15-1	NIST75K.L	70909	50	C18H14	230
o-Terphenyl	84-15-1	NIST75K.L	30052	50	C18H14	230



256 L

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

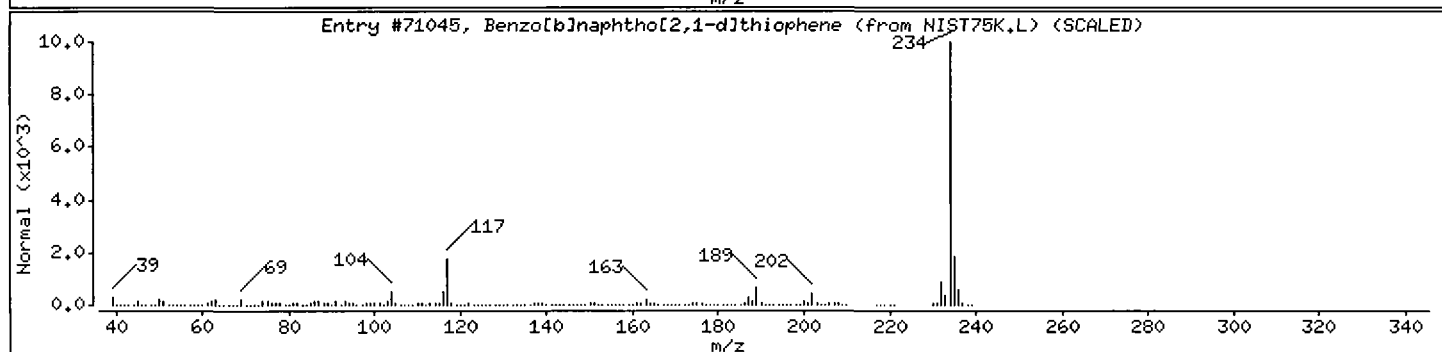
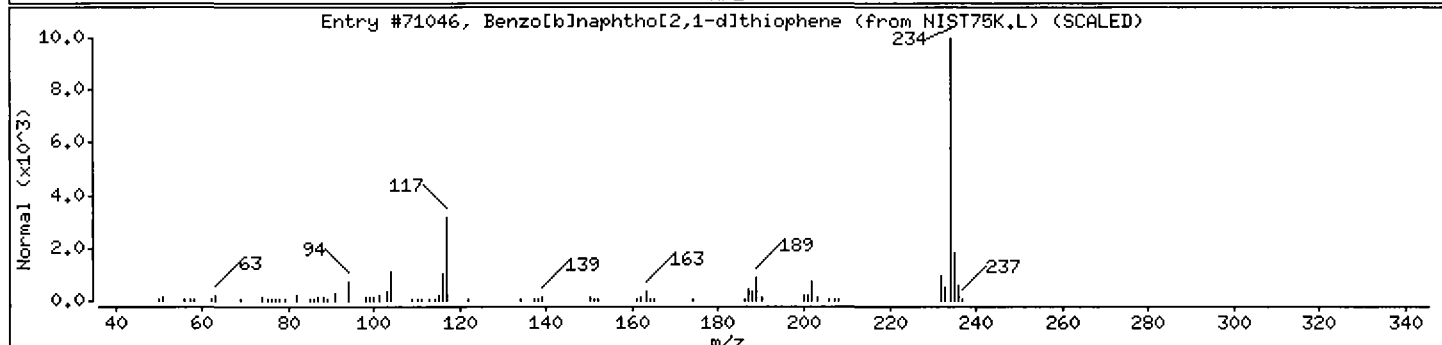
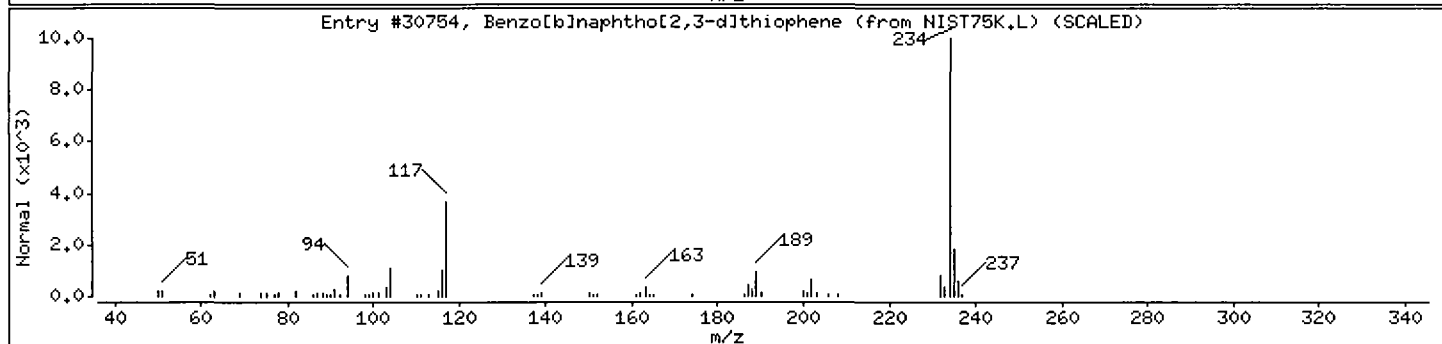
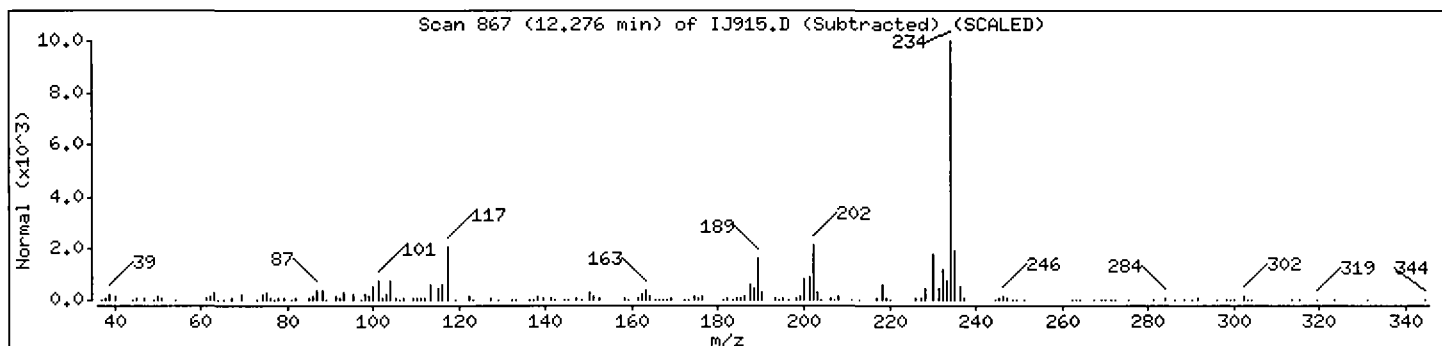
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	NIST75K.L	30754	83	C16H10S	234
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST75K.L	71046	81	C16H10S	234
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST75K.L	71045	81	C16H10S	234



256M

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S.040183-04,I031004B.b

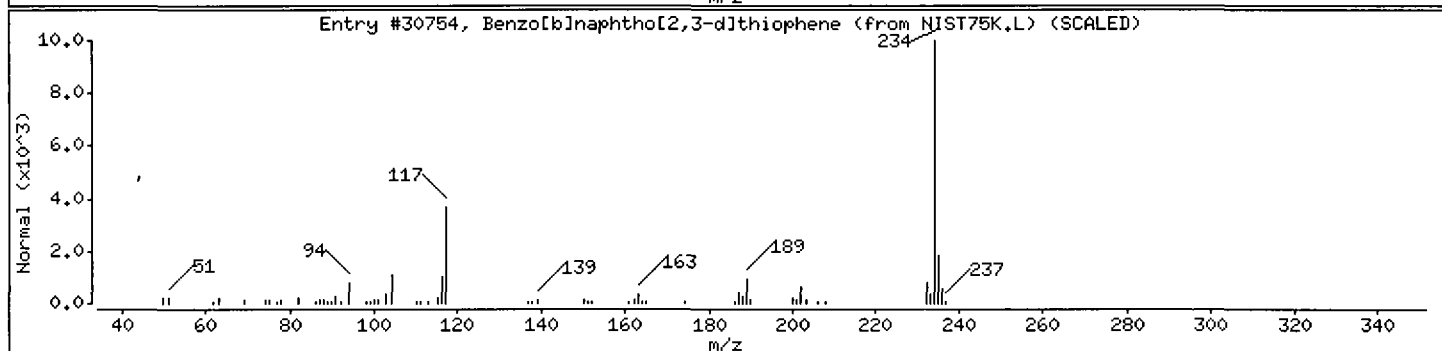
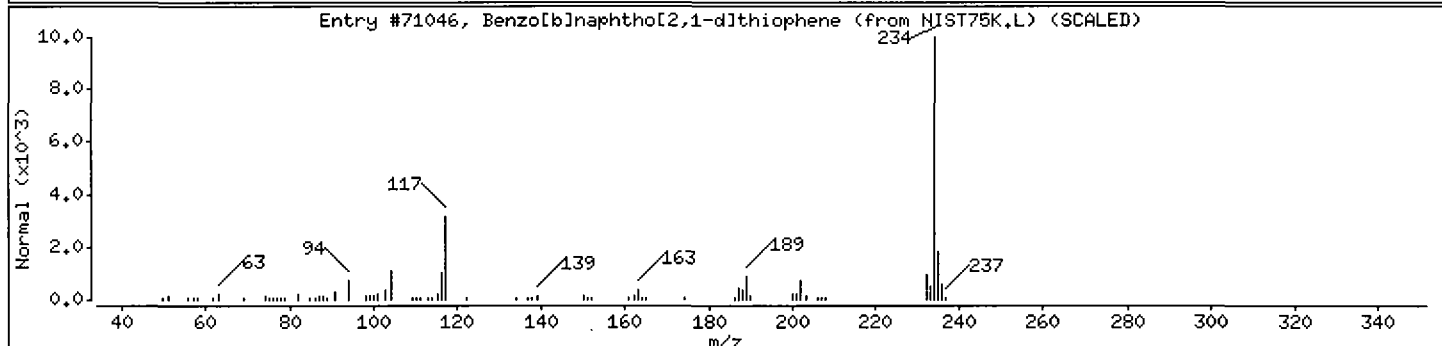
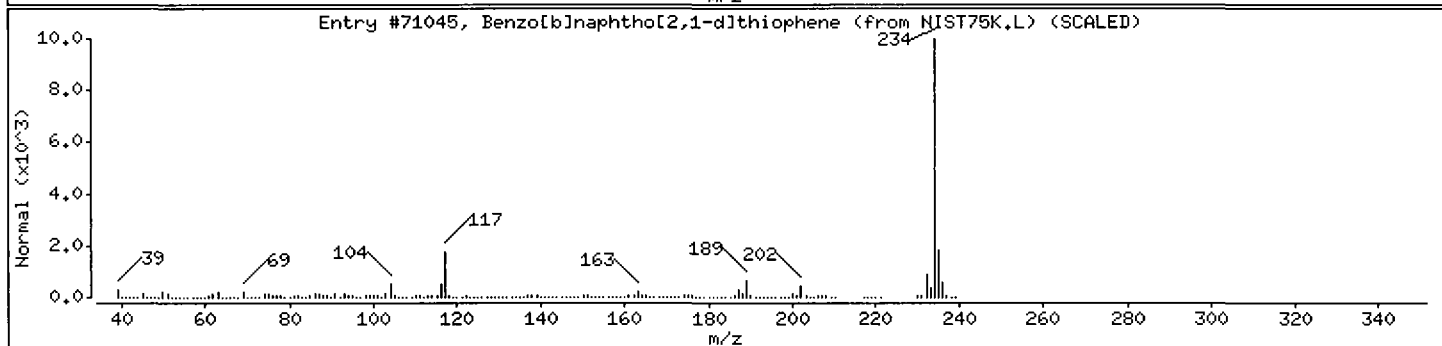
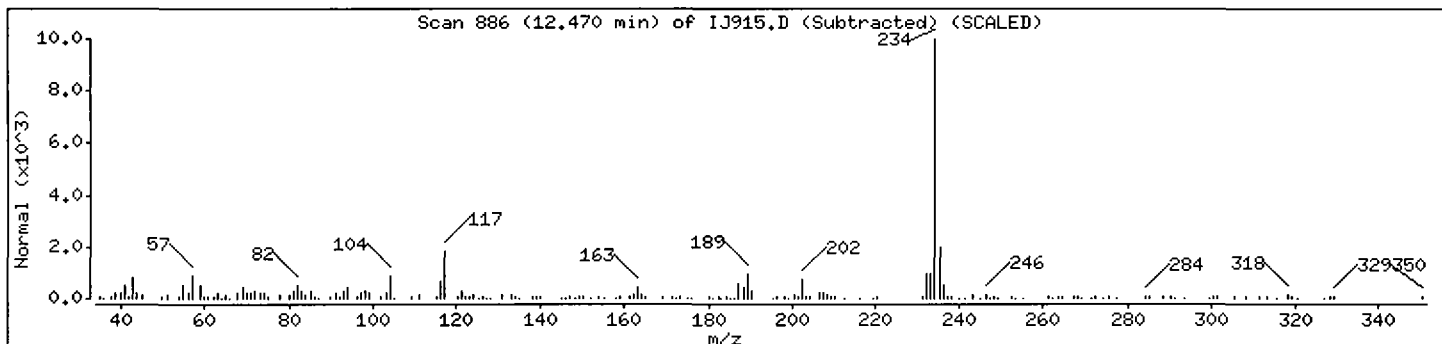
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST75K.L	71045	93	C16H10S	234
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST75K.L	71046	93	C16H10S	234
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	NIST75K.L	30754	93	C16H10S	234



256N

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

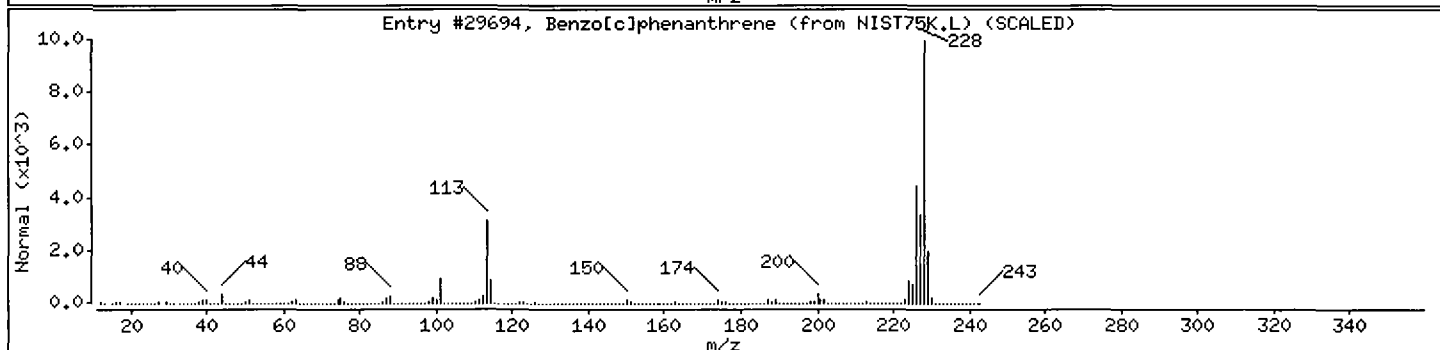
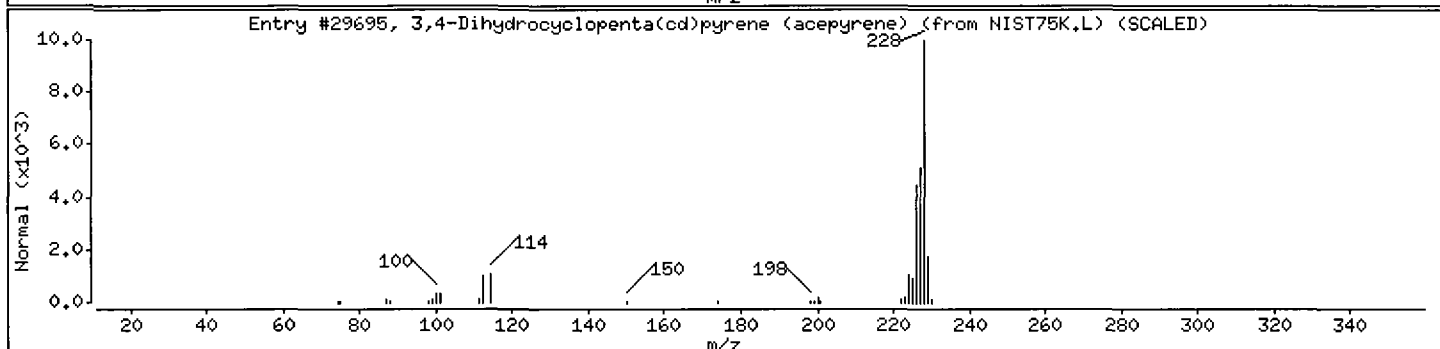
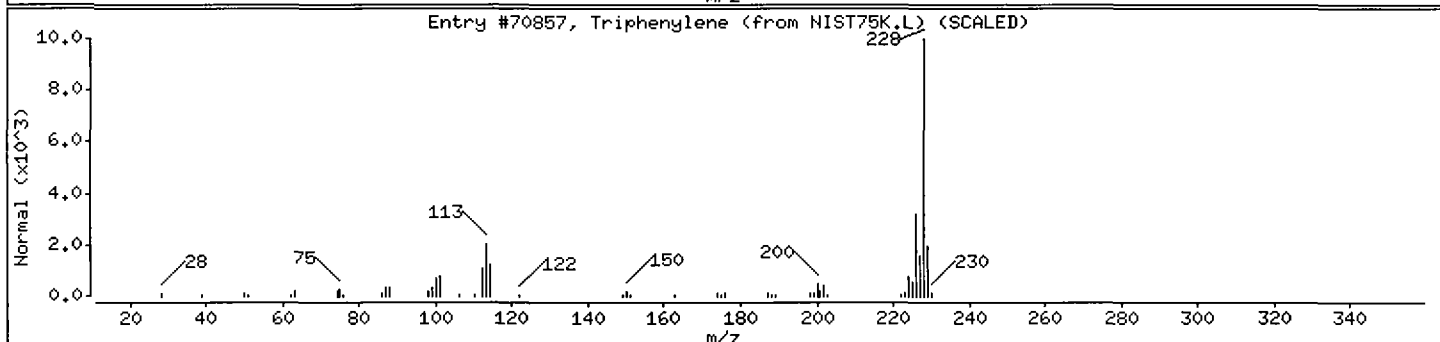
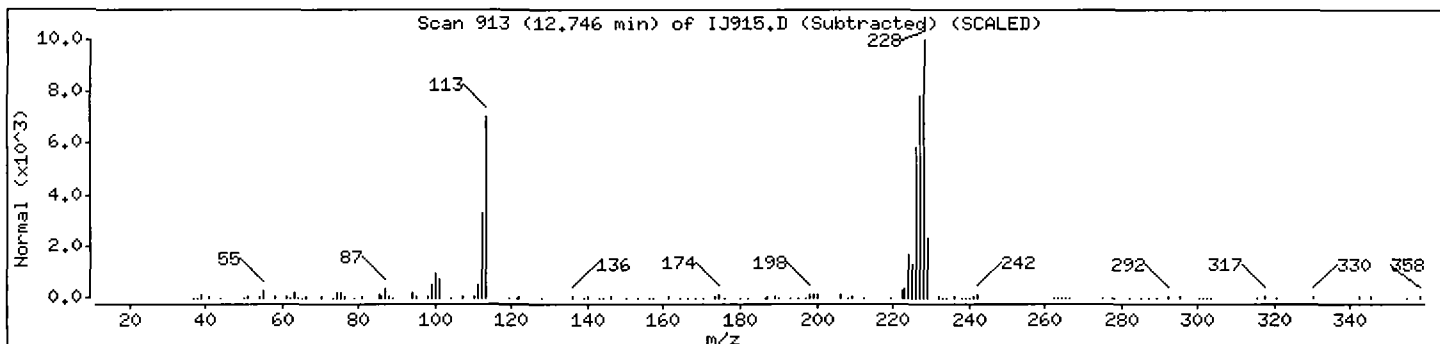
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown PAH						
Triphenylene	217-59-4	NIST75K.L	70857	43	C18H12	228
3,4-Dihydrocyclopenta(cd)pyrene (acepyrene)	25732-74-5	NIST75K.L	29695	43	C18H12	228
Benzo[c]phenanthrene	195-19-7	NIST75K.L	29694	37	C18H12	228



Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

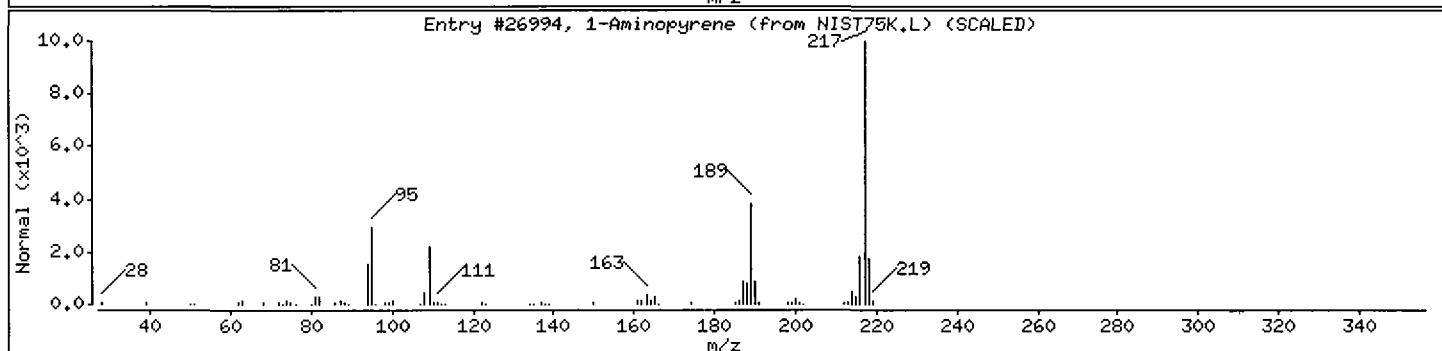
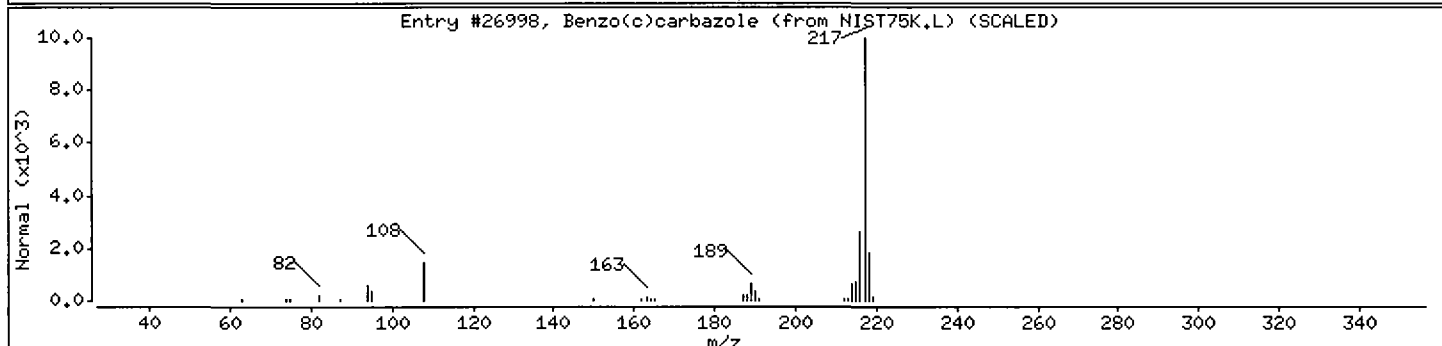
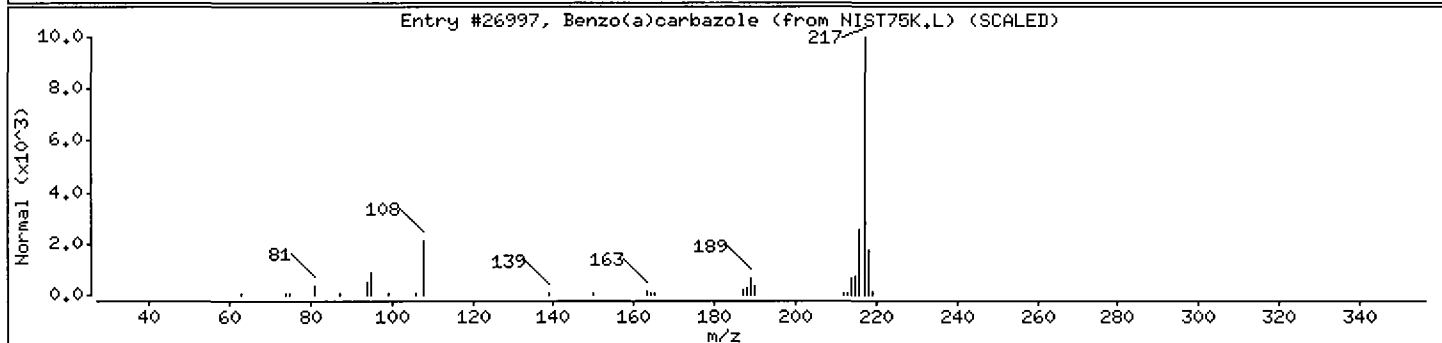
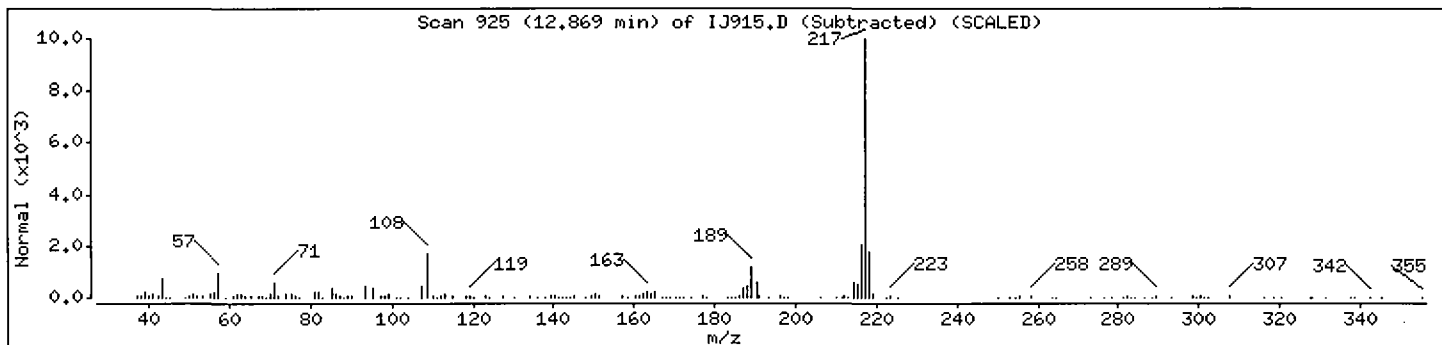
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo(a)carbazole	239-01-0	NIST75K.L	26997	94	C ₁₆ H ₁₁ N	217
Benzo(c)carbazole	34777-33-8	NIST75K.L	26998	90	C ₁₆ H ₁₁ N	217
1-Aminopyrene	1606-67-3	NIST75K.L	26994	78	C ₁₆ H ₁₁ N	217



256P

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S.040183-04,I031004B.b

Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match

Unknown PAH

2-Methylchrysene

Benz[a]anthracene, 8-methyl-

Chrysene, 1-methyl-

CAS Number

Library

Entry

Quality

Formula

Weight

3351-32-4

NIST75K.L

32450

78

C19H14

242

2381-31-9

NIST75K.L

71257

76

C19H14

242

3351-28-8

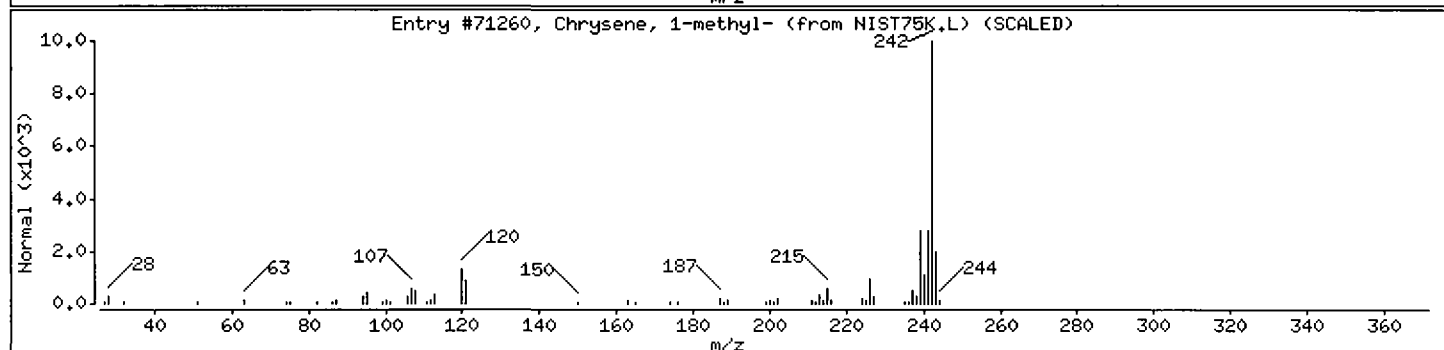
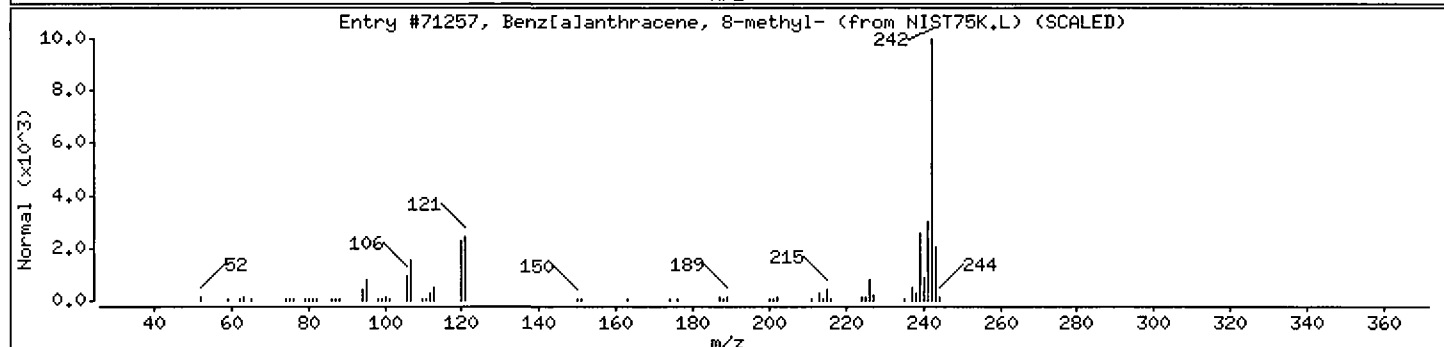
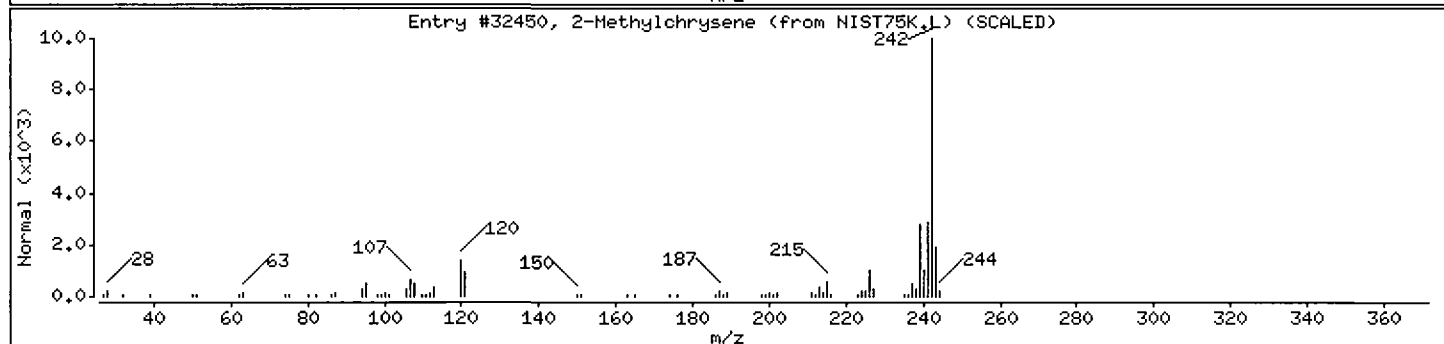
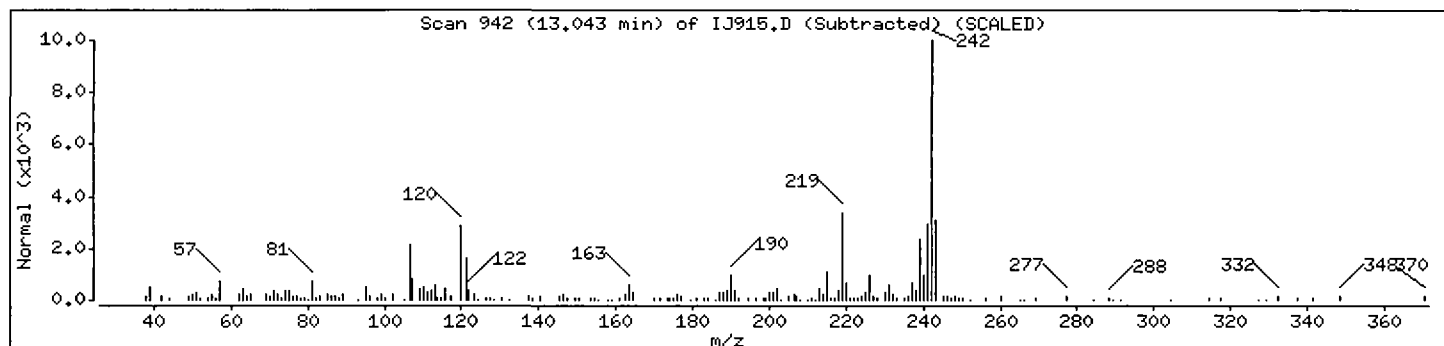
NIST75K.L

71260

60

C19H14

242



256 Q

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

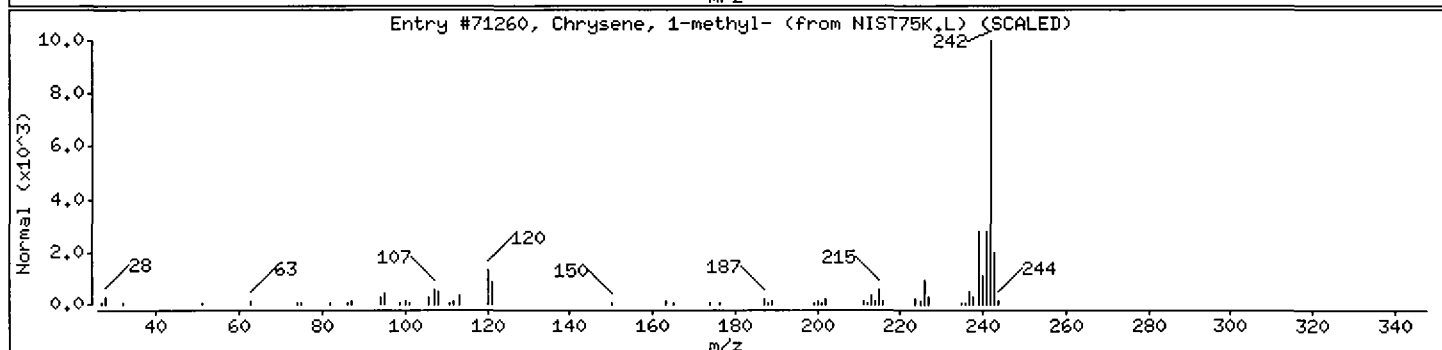
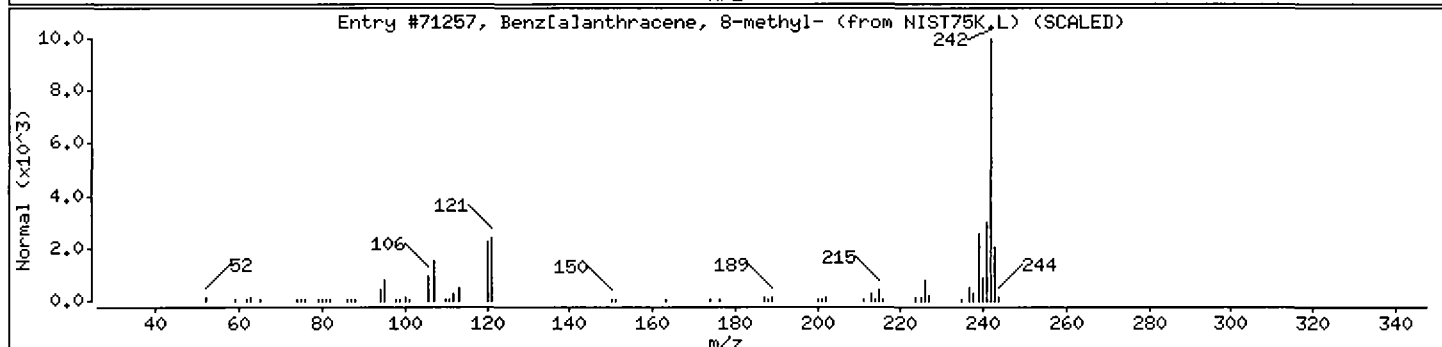
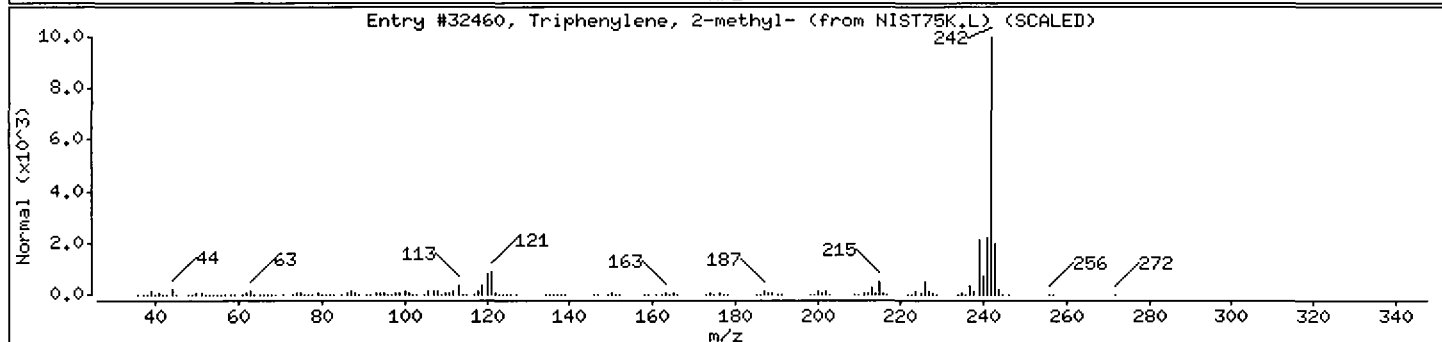
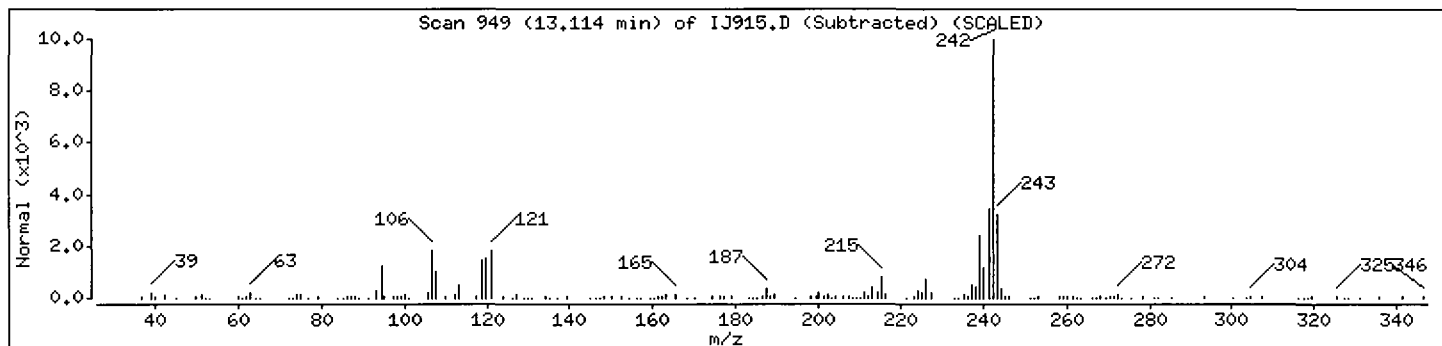
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triphenylene, 2-methyl-	1705-84-6	NIST75K.L	32460	94	C19H14	242
Benz[a]anthracene, 8-methyl-	2381-31-9	NIST75K.L	71257	93	C19H14	242
Chrysene, 1-methyl-	3351-28-8	NIST75K.L	71260	93	C19H14	242



256 R

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match

Unknown PAH

Triphenylene, 2-methyl-

Chrysene, 3-methyl-

Chrysene, 1-methyl-

CAS Number

Library

Entry

Quality

Formula

Weight

1705-84-6

NIST75K.L

32460

55

C19H14

242

3351-31-3

NIST75K.L

32449

50

C19H14

242

3351-28-8

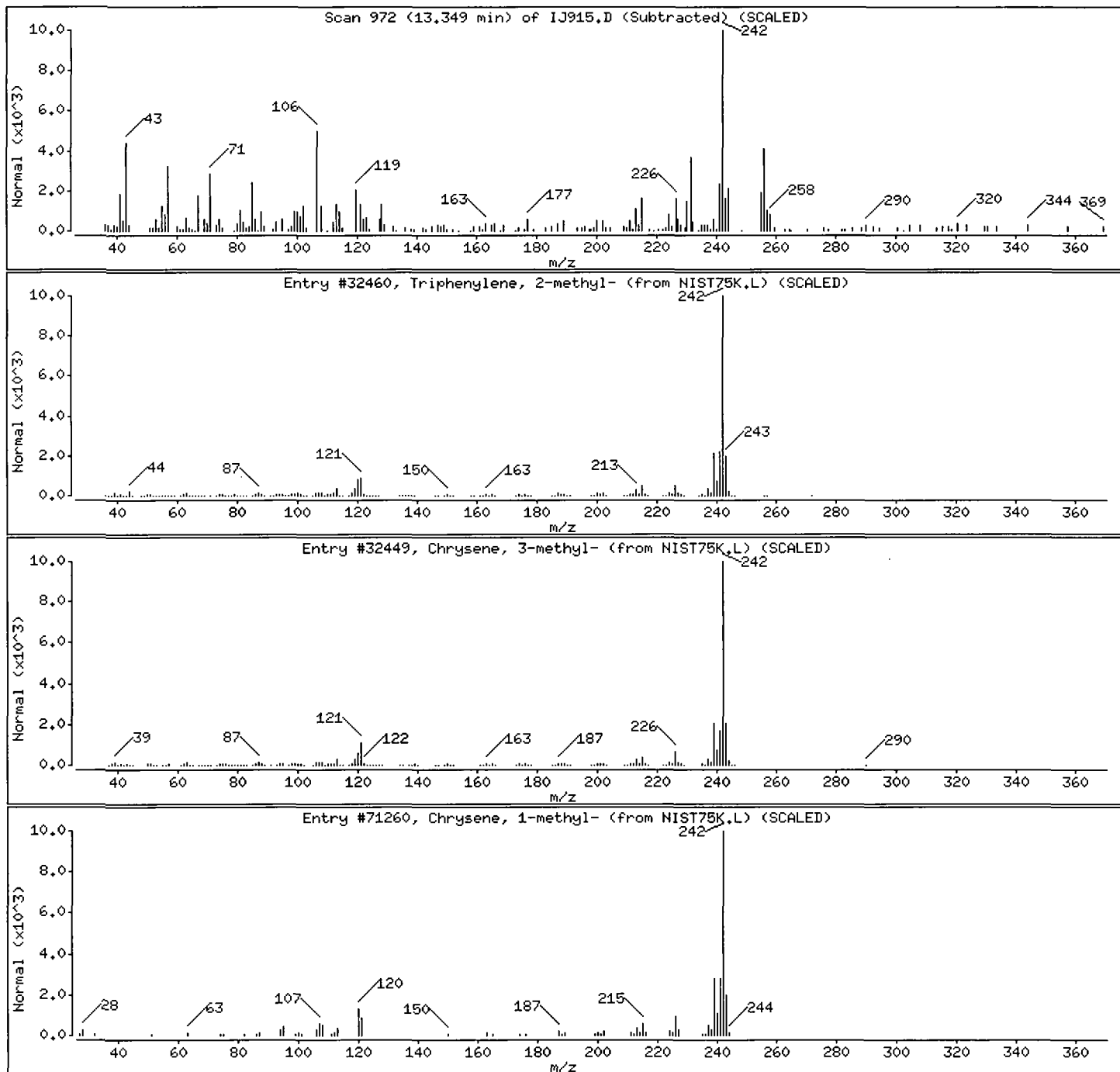
NIST75K.L

71260

30

C19H14

242



256 S

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

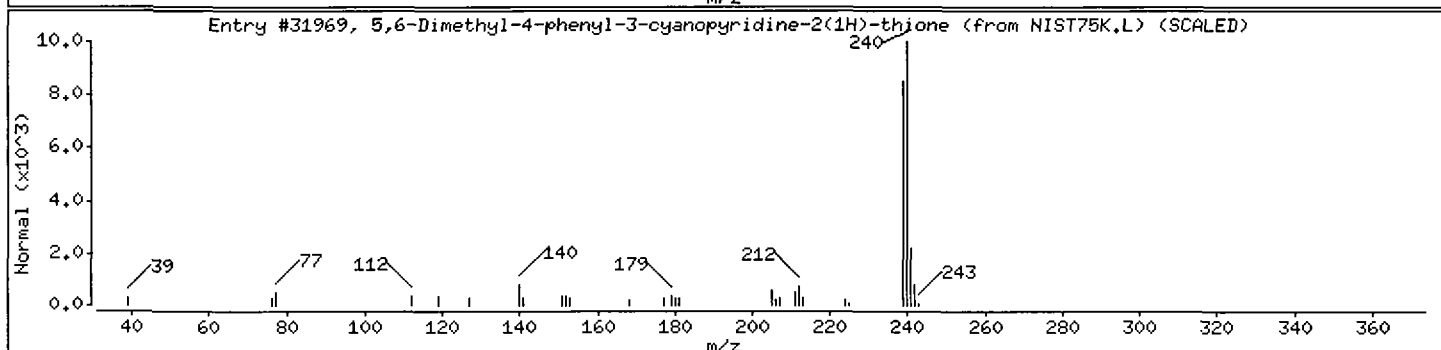
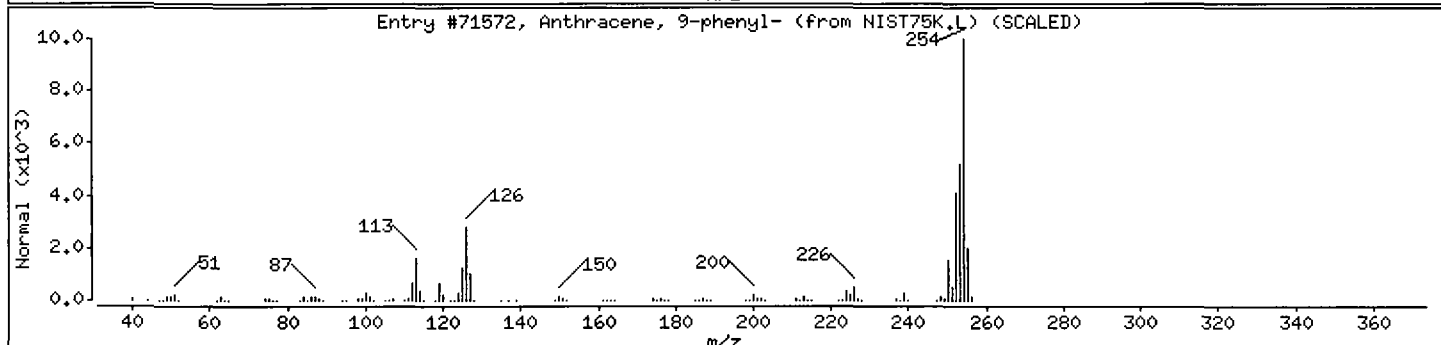
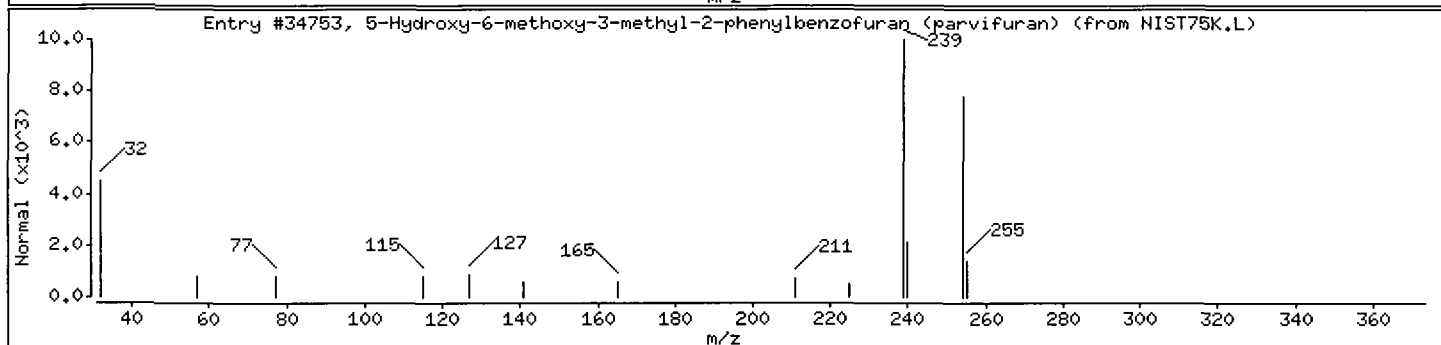
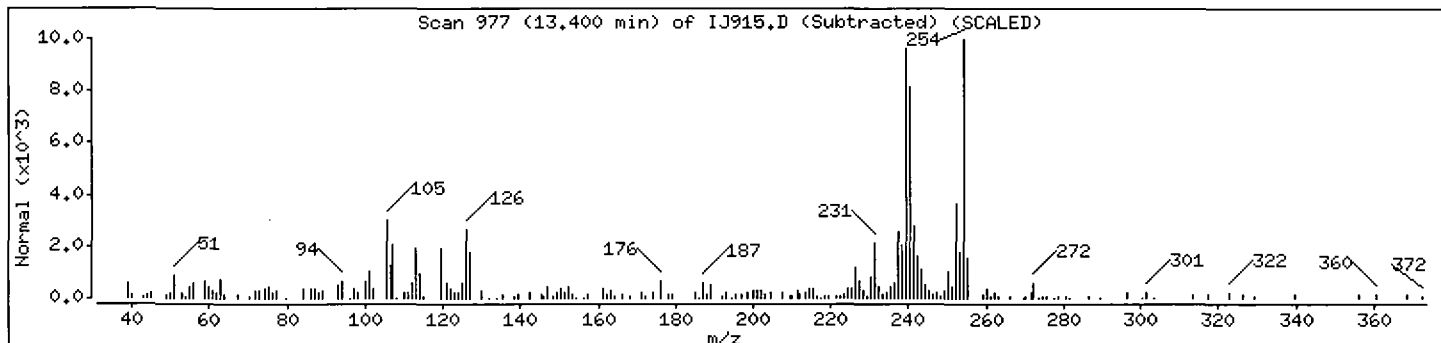
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
5-Hydroxy-6-methoxy-3-methyl-2-phenylben	69470-93-5	NIST75K.L	34753	35	C16H14O3	254
Anthracene, 9-phenyl-	602-55-1	NIST75K.L	71572	25	C20H14	254
5,6-Dimethyl-4-phenyl-3-cyanopyridine-2(	0-00-0	NIST75K.L	31969	25	C14H12N2S	240



256 T

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

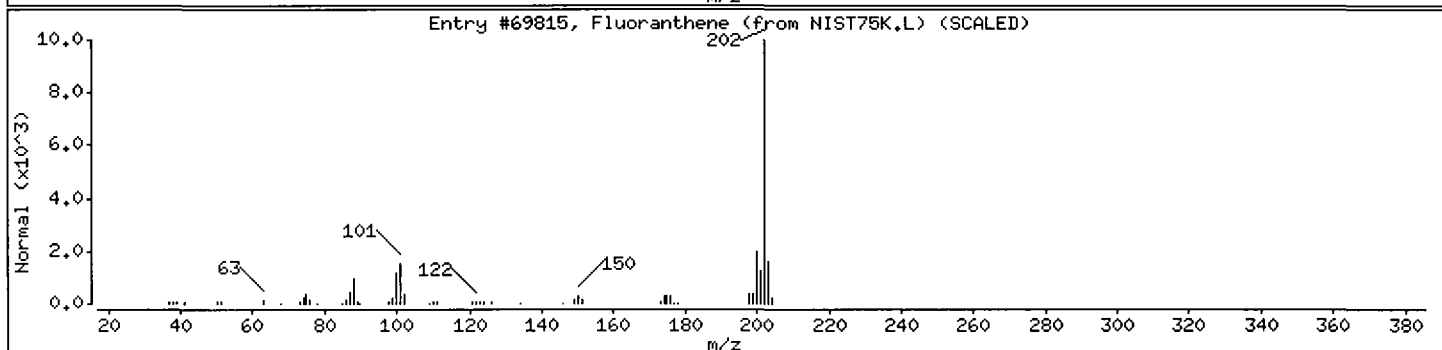
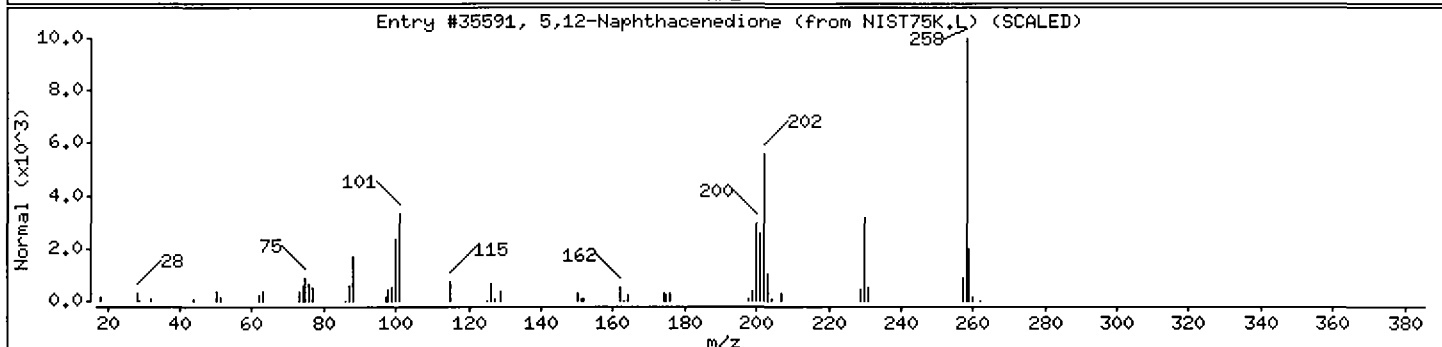
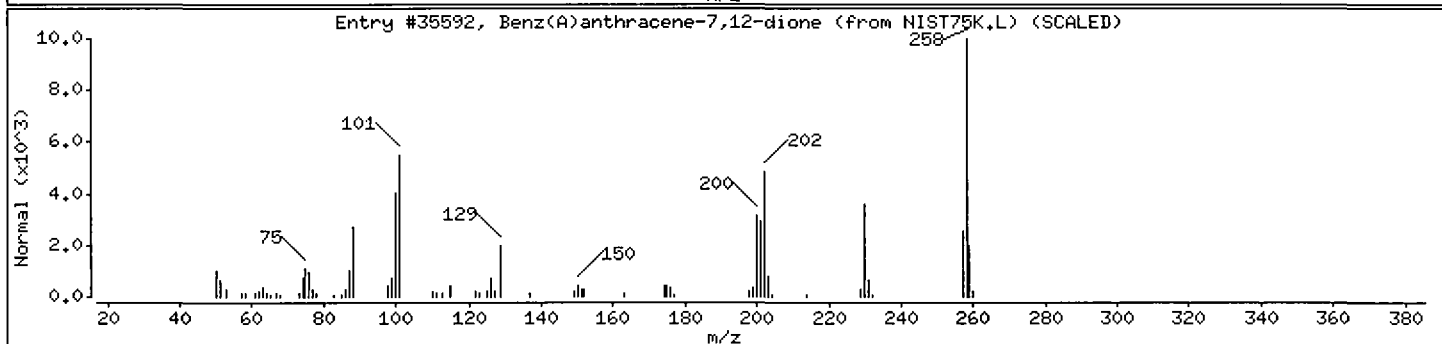
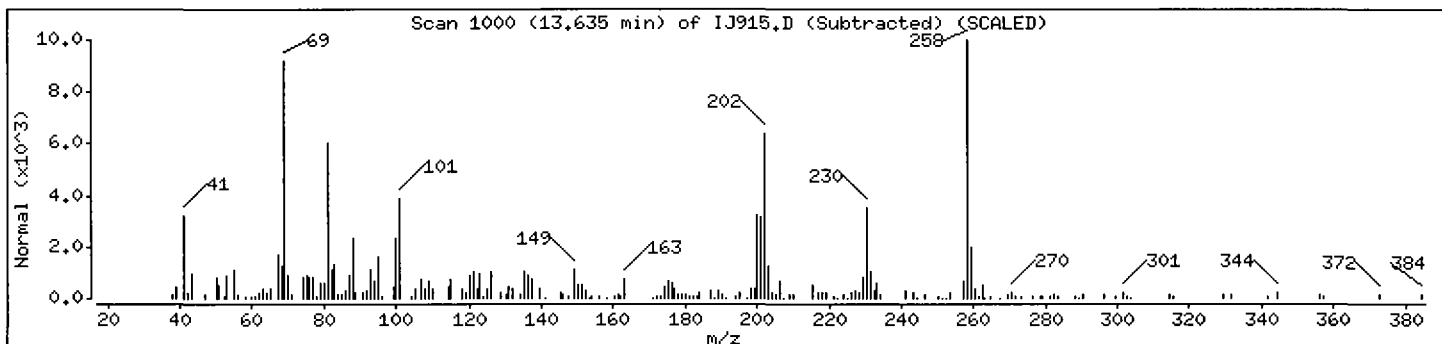
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benz(A)anthracene-7,12-dione	2498-66-0	NIST75K.L	35592	93	C18H10O2	258
5,12-Naphthacenedione	1090-13-7	NIST75K.L	35591	89	C18H10O2	258
Fluoranthene	206-44-0	NIST75K.L	69815	72	C16H10	202



256 U

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S.040183-04,I031004B.b

Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match

Unknown PAH

9H-Fluorene, 9-(phenylmethylene)-

4,5-Dihydrobenzo[E]pyrene

1,2-Dihydrobenzo[b]fluoranthene

CAS Number

Library

Entry

Quality

Formula

Weight

1836-87-9

NIST75K.L

34828

58

C20H14

254

95676-42-9

NIST75K.L

34826

53

C20H14

254

0-00-0

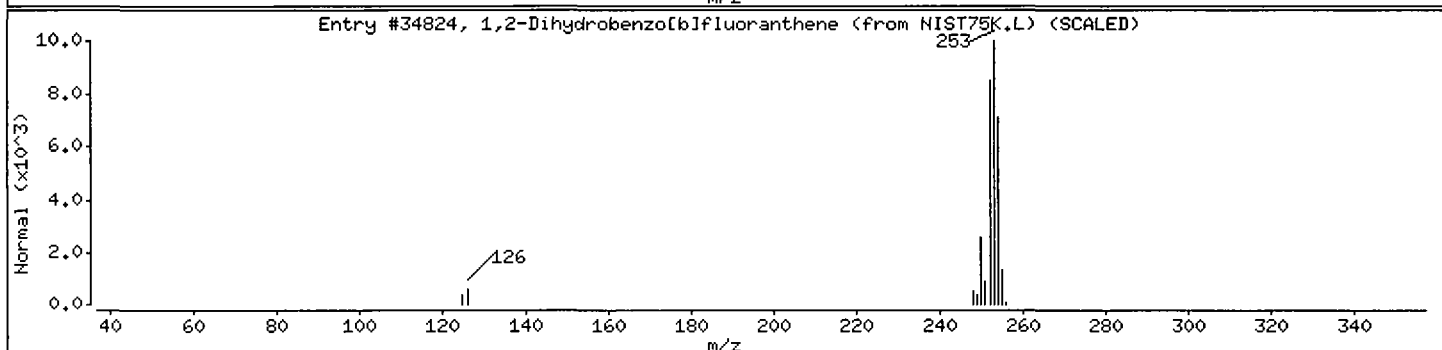
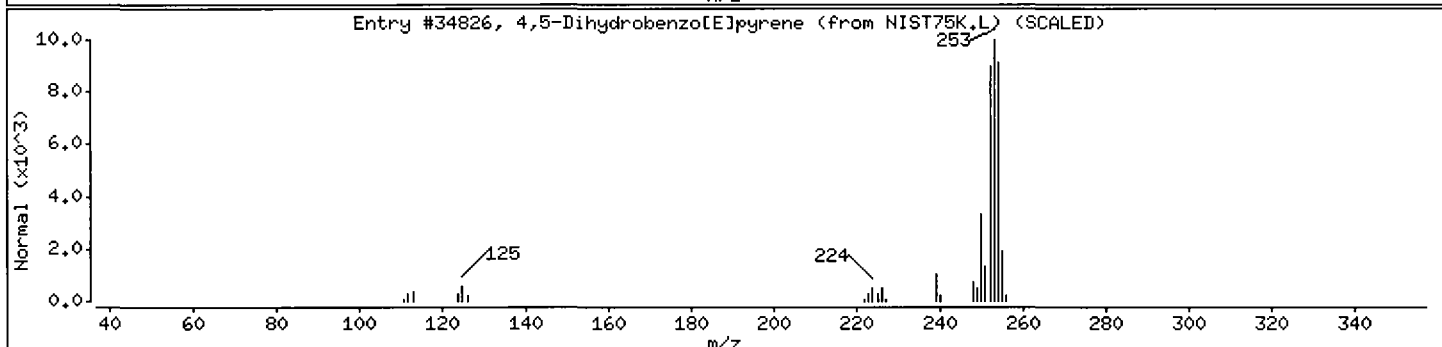
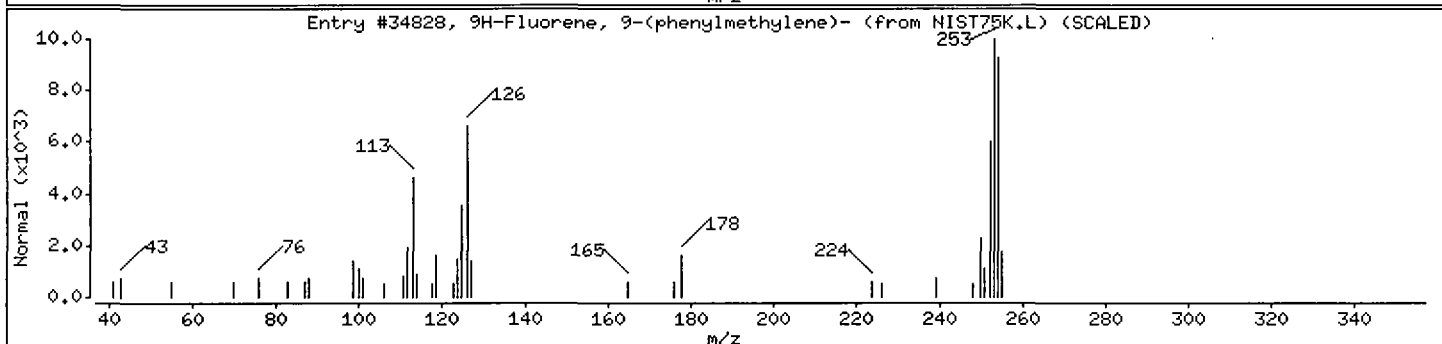
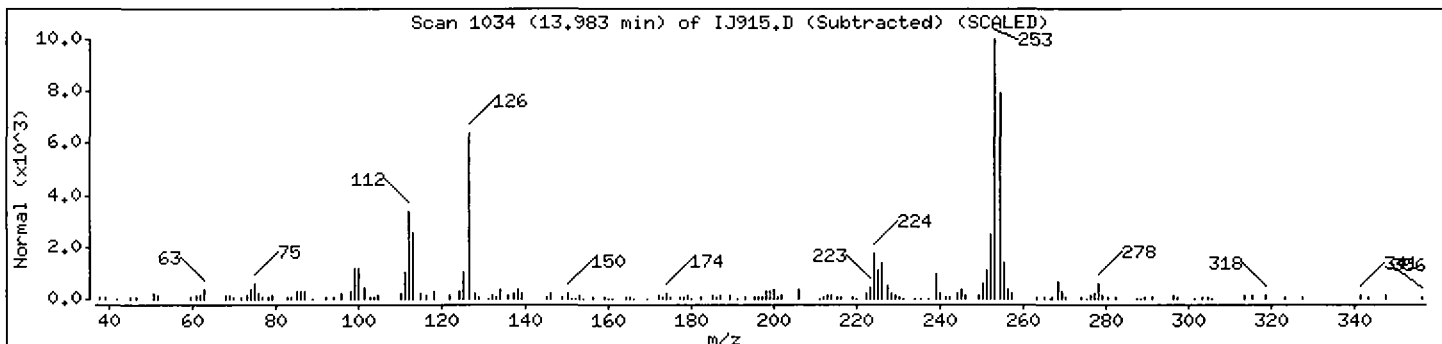
NIST75K.L

34824

50

C20H14

254



256 V

Data File: \\Bna1\\dd\\chem\\ms9.i\\I031004B,b\\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B,b

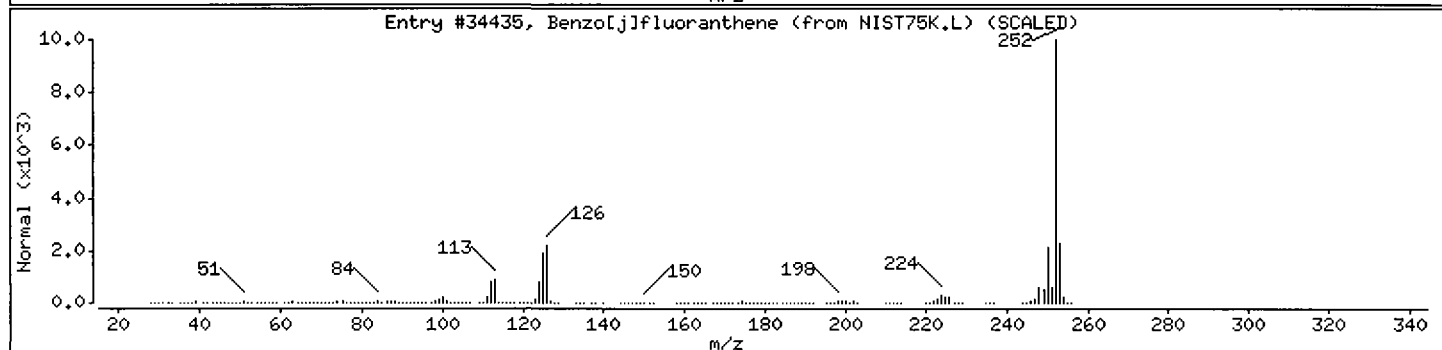
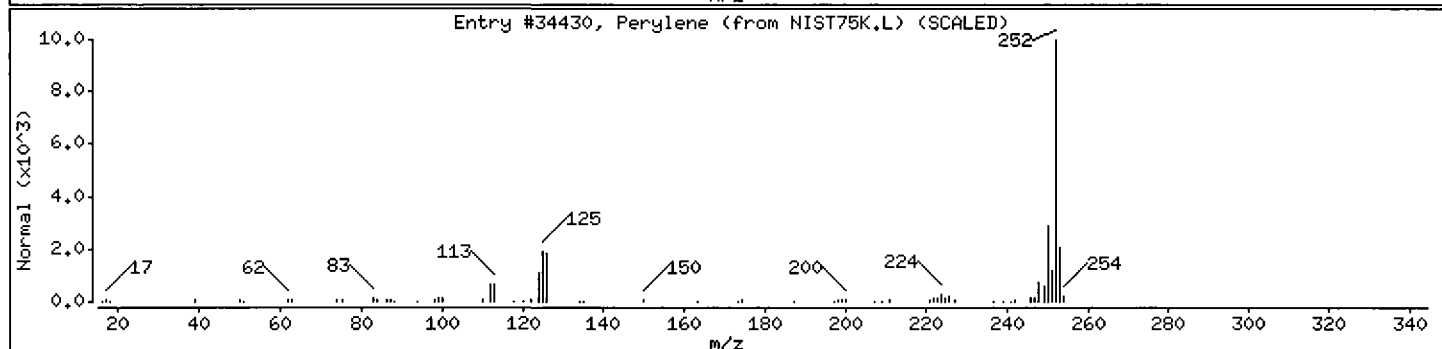
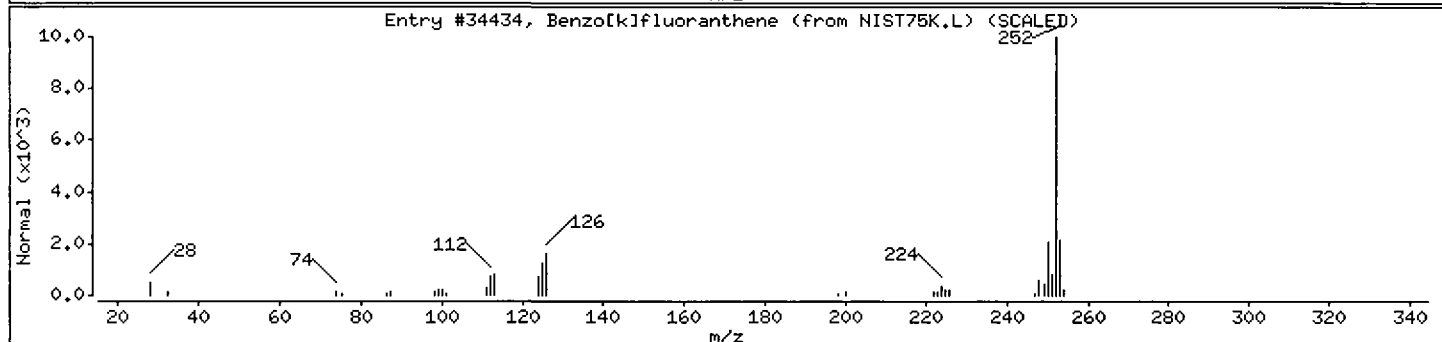
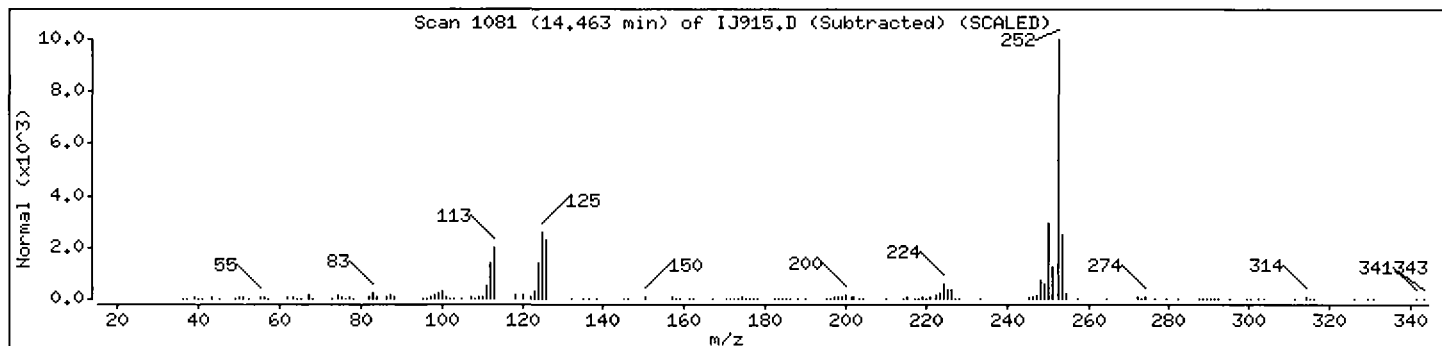
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[k]fluoranthene	207-08-9	NIST75K.L	34434	96	C20H12	252
Perylene	198-55-0	NIST75K.L	34430	94	C20H12	252
Benzo[j]fluoranthene	205-82-3	NIST75K.L	34435	93	C20H12	252



256W

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

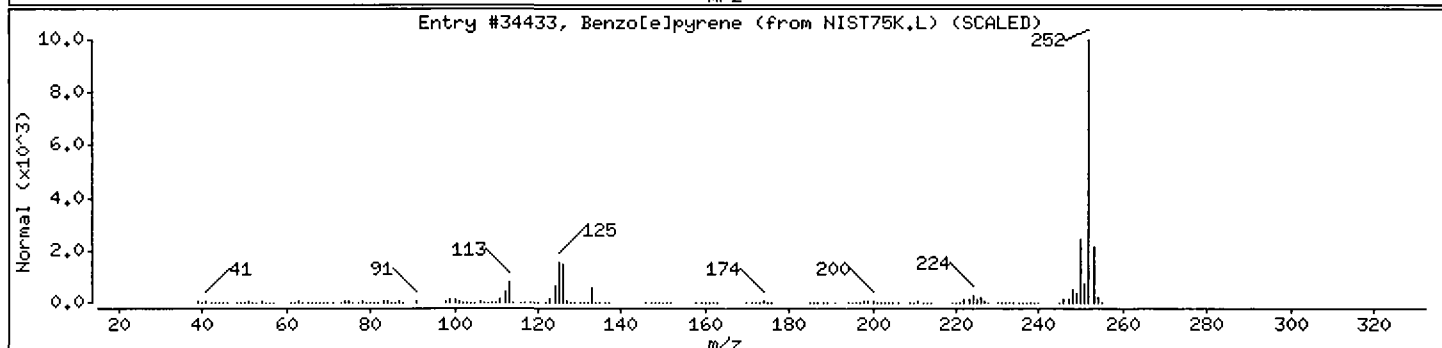
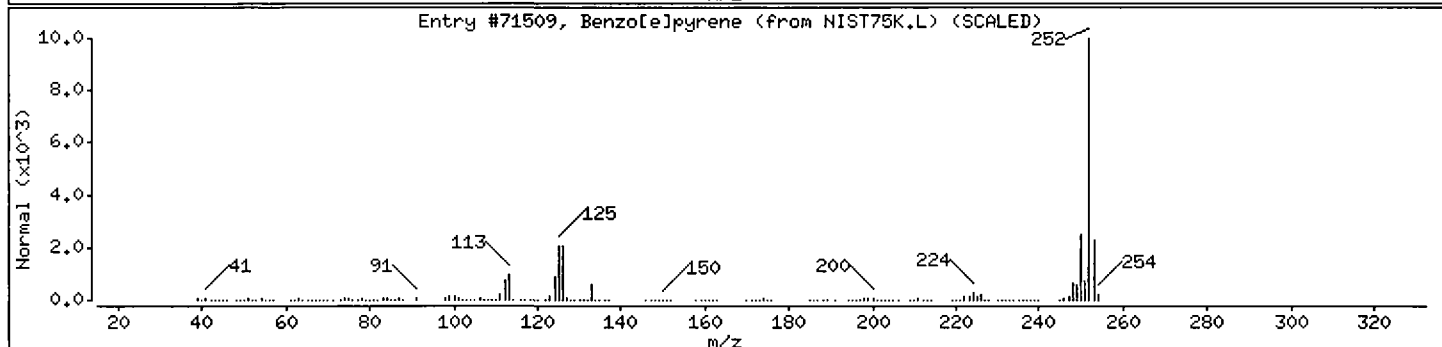
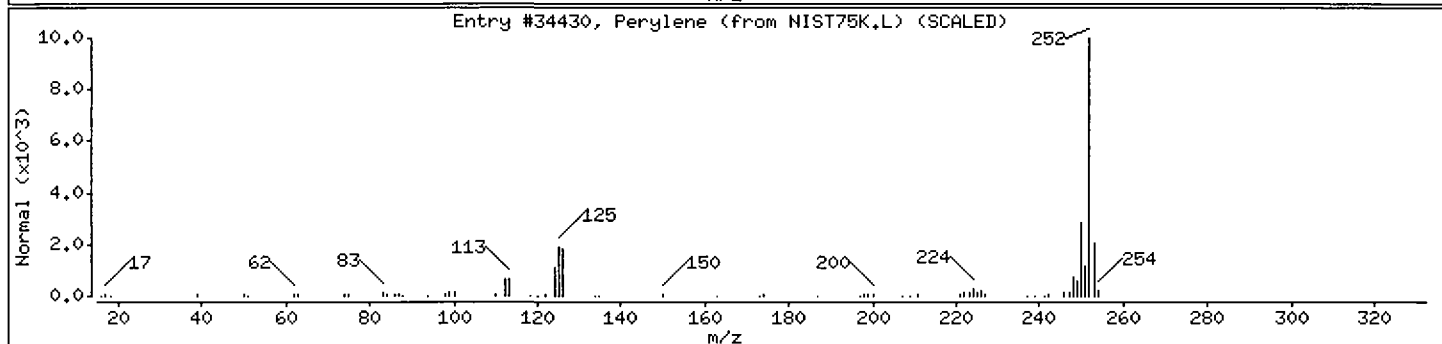
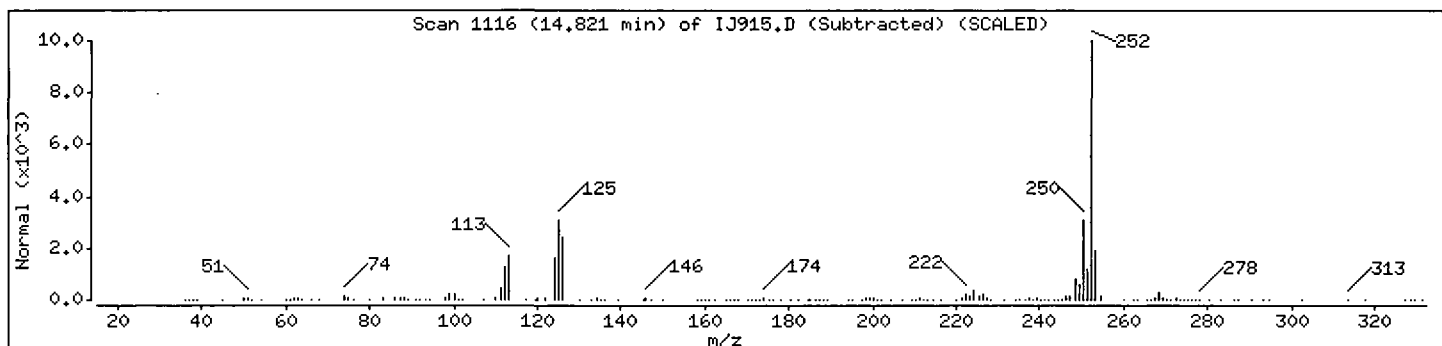
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Perylene	198-55-0	NIST75K.L	34430	93	C20H12	252
Benzo[e]pyrene	192-97-2	NIST75K.L	71509	93	C20H12	252
Benzo[e]pyrene	192-97-2	NIST75K.L	34433	91	C20H12	252



256X

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S.040183-04,I031004B.b

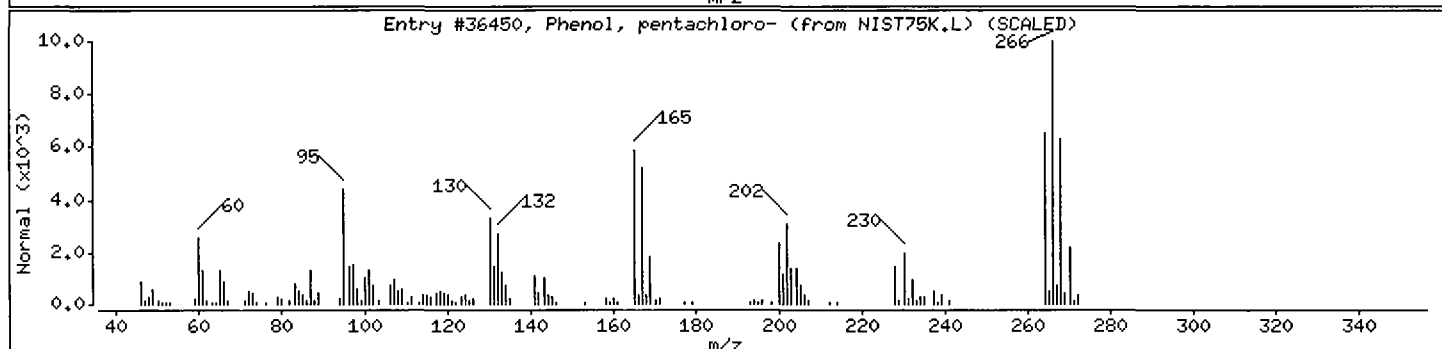
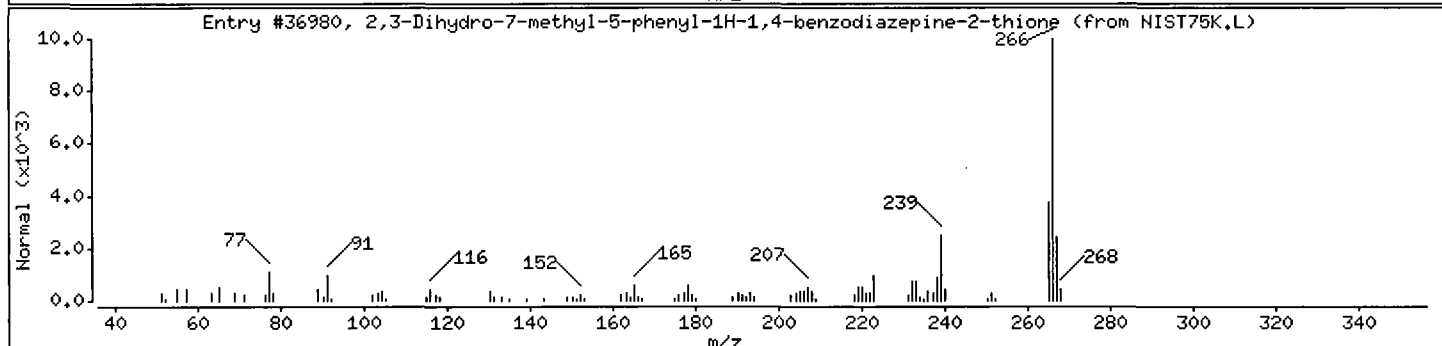
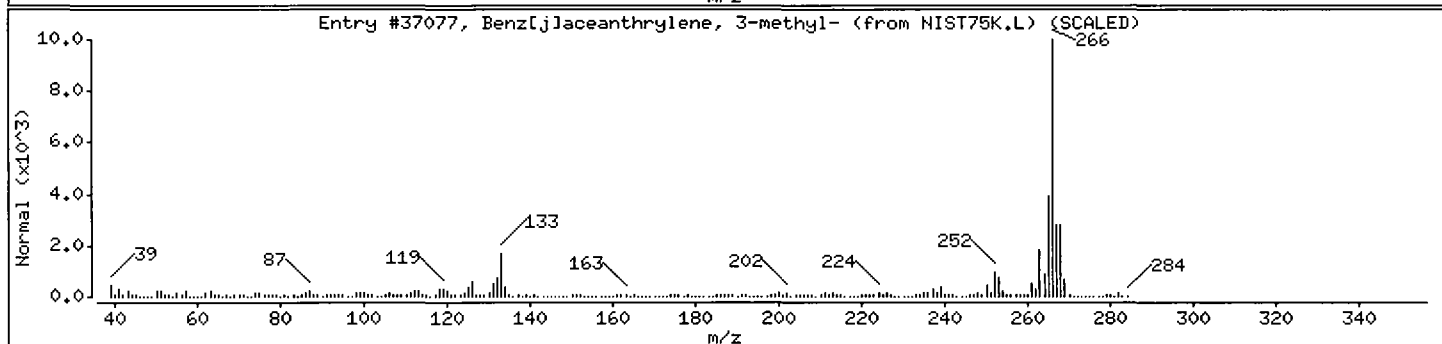
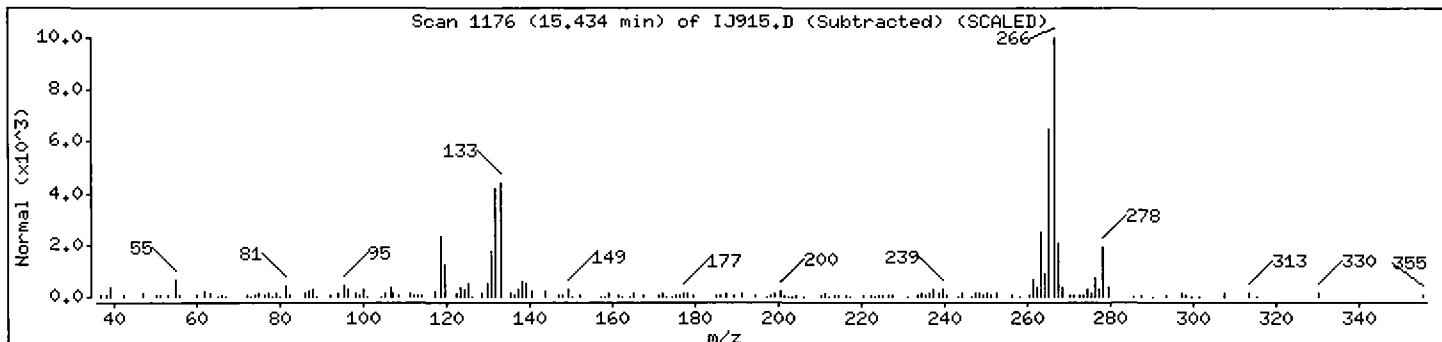
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benz[<i>l</i>]aceanthrylene, 3-methyl-	3343-10-0	NIST75K.L	37077	41	C ₂₁ H ₁₄	266
2,3-Dihydro-7-methyl-5-phenyl-1H-1,4-ben	2888-60-0	NIST75K.L	36980	27	C ₁₆ H ₁₄ N ₂ S	266
Phenol, pentachloro-	87-86-5	NIST75K.L	36450	22	C ₆ HC ₁₅ O	264



256 Y

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

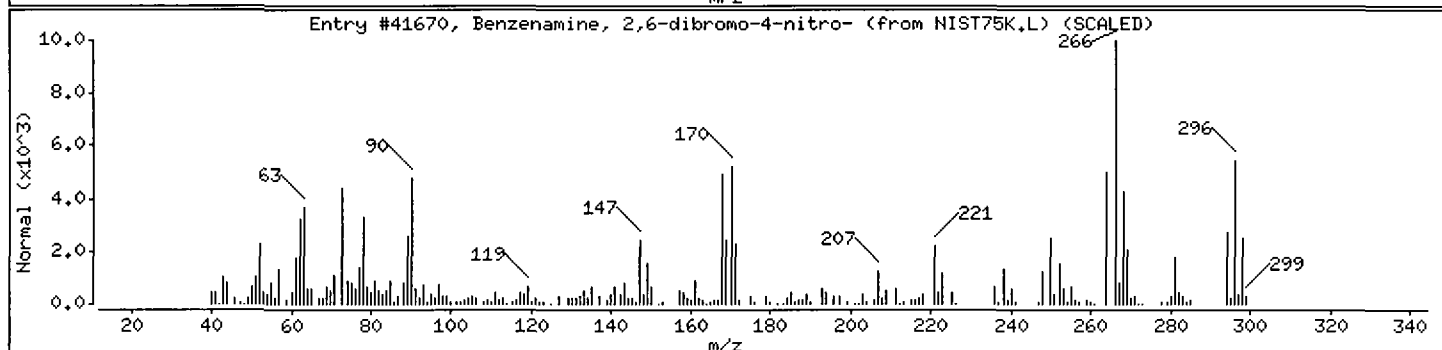
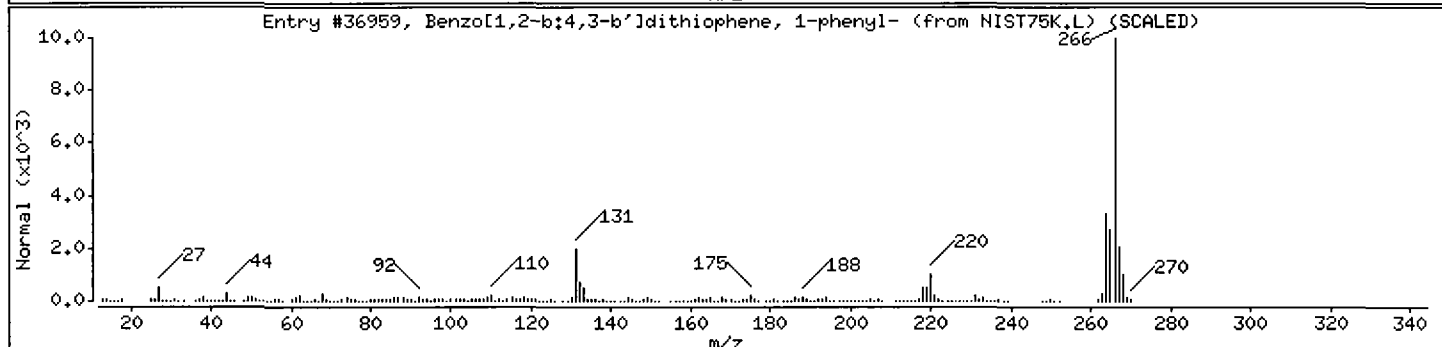
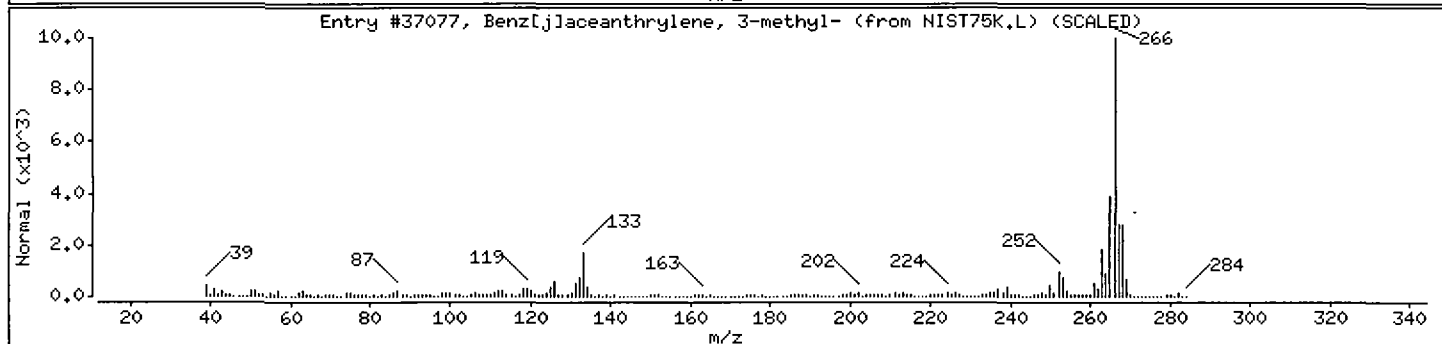
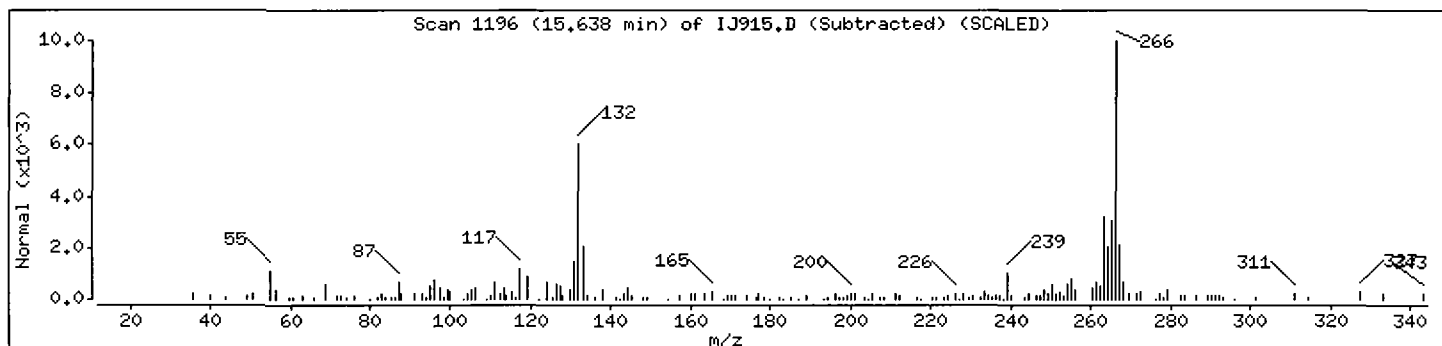
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Benz[<i>l</i>]aceanthrylene, 3-methyl-	3343-10-0	NIST75K.L	37077	53	C ₂₁ H ₁₄	266
Benzo[1,2- <i>b</i> :4,3- <i>b'</i>]dithiophene, 1-phenyl	16587-58-9	NIST75K.L	36959	43	C ₁₆ H ₁₀ S ₂	266
Benzenamine, 2,6-dibromo-4-nitro-	827-94-1	NIST75K.L	41670	27	C ₆ H ₄ Br ₂ N ₂ O ₂	294



2567

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

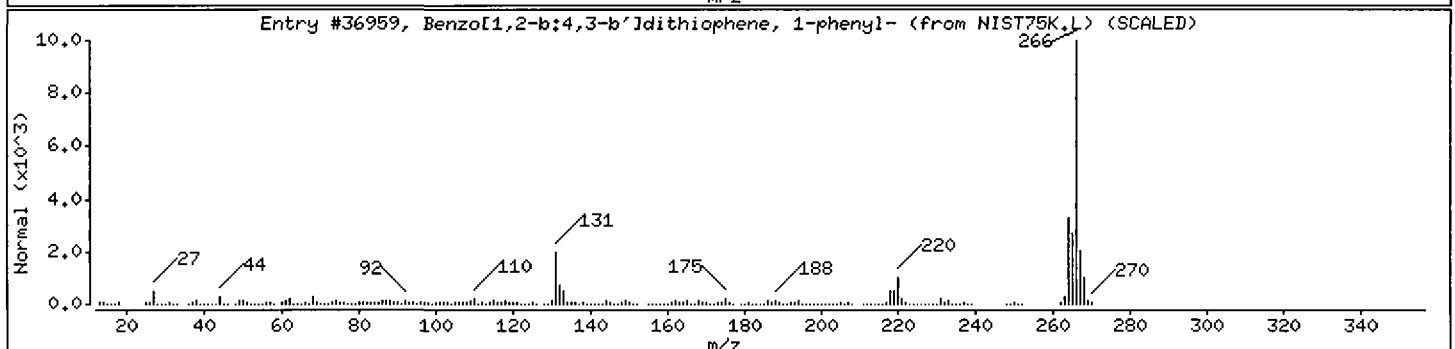
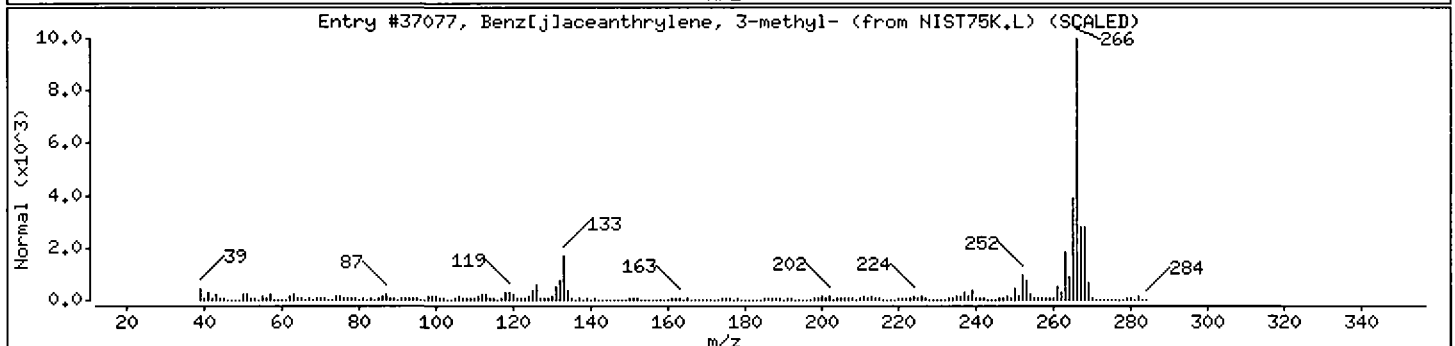
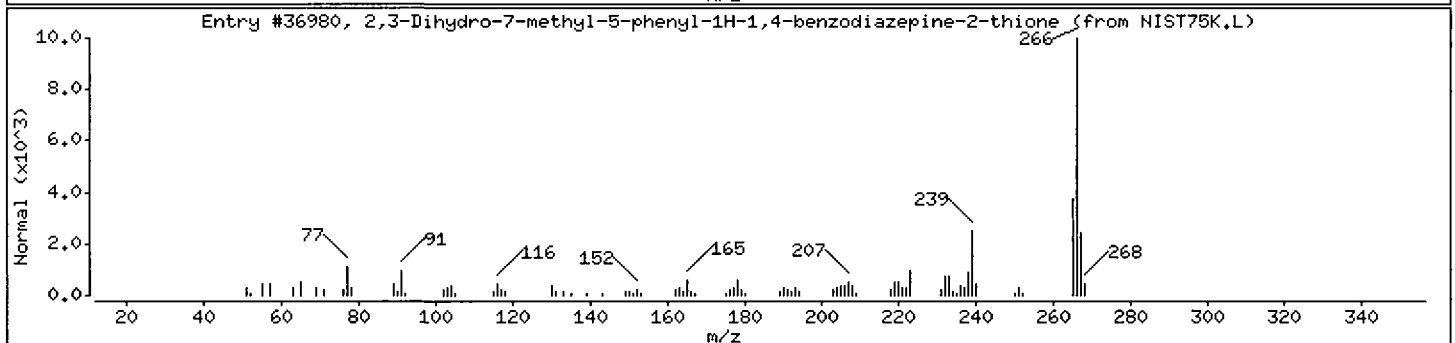
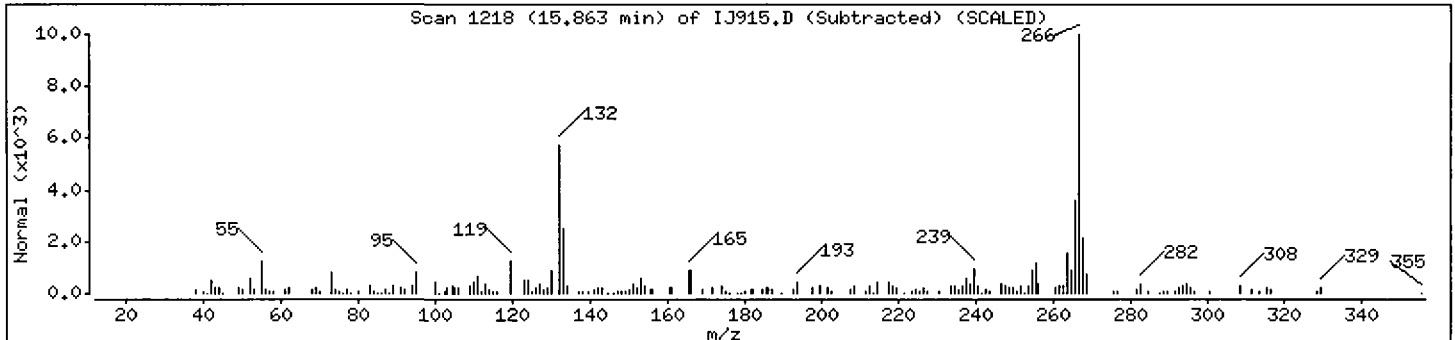
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2,3-Dihydro-7-methyl-5-phenyl-1H-1,4-benzodiazepine-2-thione	2888-60-0	NIST75K.L	36980	49	C ₁₆ H ₁₄ N ₂ S	266
Benz[<i>l</i>]aceanthrylene, 3-methyl-	3343-10-0	NIST75K.L	37077	49	C ₂₁ H ₁₄	266
Benzo[1,2- <i>b</i> :4,3- <i>b'</i>]dithiophene, 1-phenyl	16587-58-9	NIST75K.L	36959	47	C ₁₆ H ₁₀ S ₂	266



256 AA

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match

Unknown

1H-Indole, 7-methyl-

CAS Number

Library

Entry

Quality

Formula

Weight

933-67-5

NIST75K.L

65338

22

C9H9N

131

1H-Indole, 2-methyl-

95-20-5

NIST75K.L

65348

22

C9H9N

131

1H-Indole, 7-methyl-

933-67-5

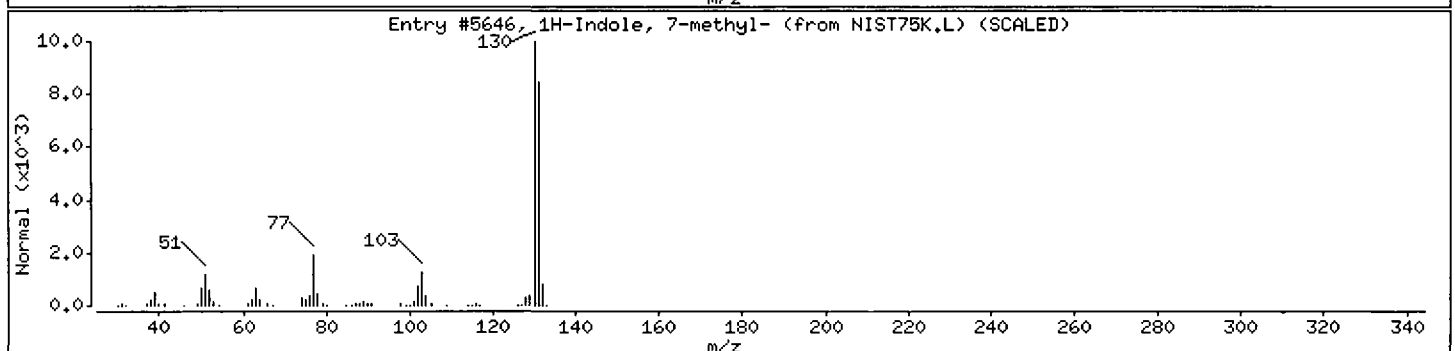
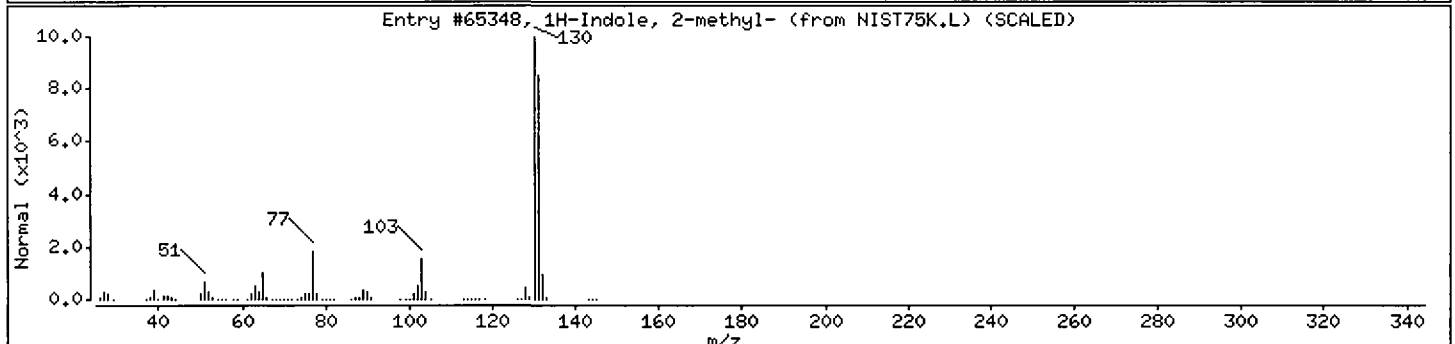
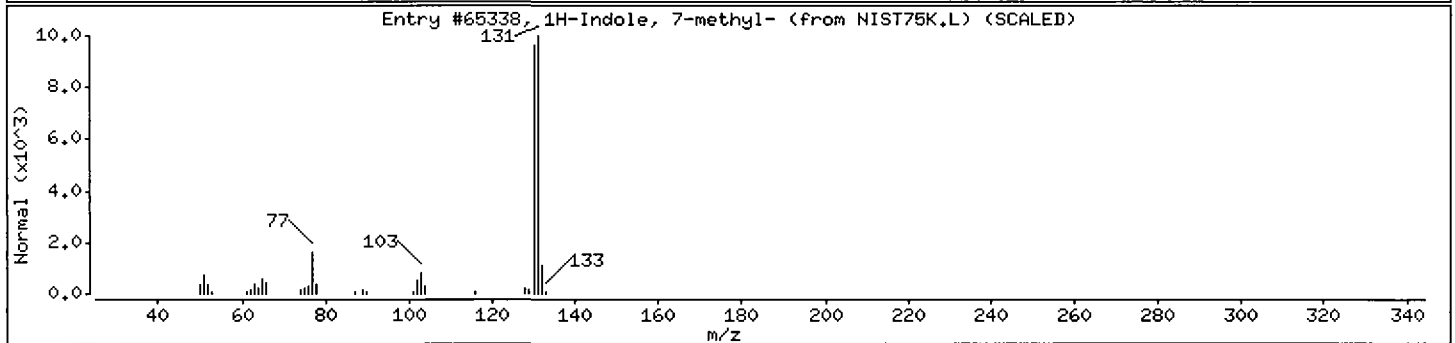
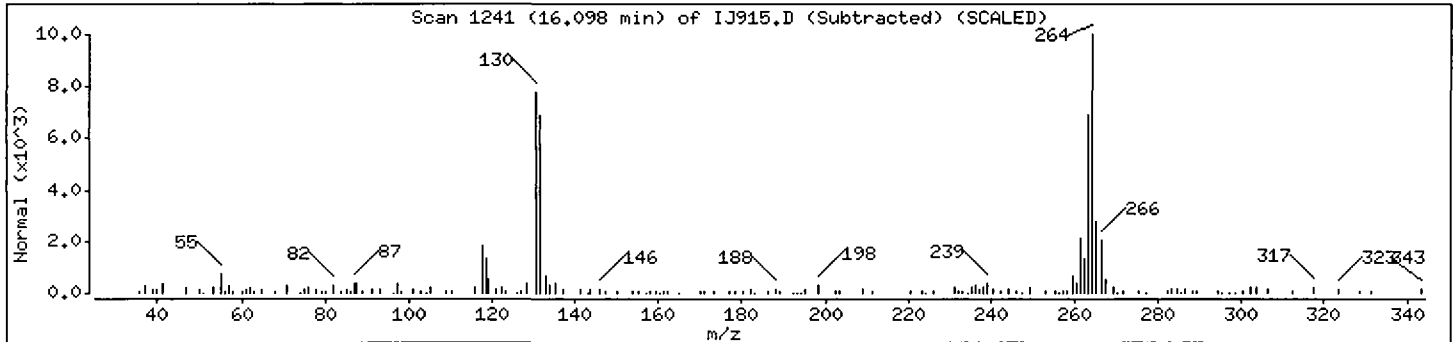
NIST75K.L

5646

22

C9H9N

131



256 AB

Data File: \\Bna1\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0,25

Library Search Compound Match

Unknown PAH

Dibenz[a,h]anthracene

CAS Number

Library

Entry

Quality

Formula

Weight

53-70-3

NIST75K.L

72230

38

C22H14

278

Benzo[b]triphenylene

215-58-7

NIST75K.L

39238

18

C22H14

278

Dibenz[a,h]anthracene

53-70-3

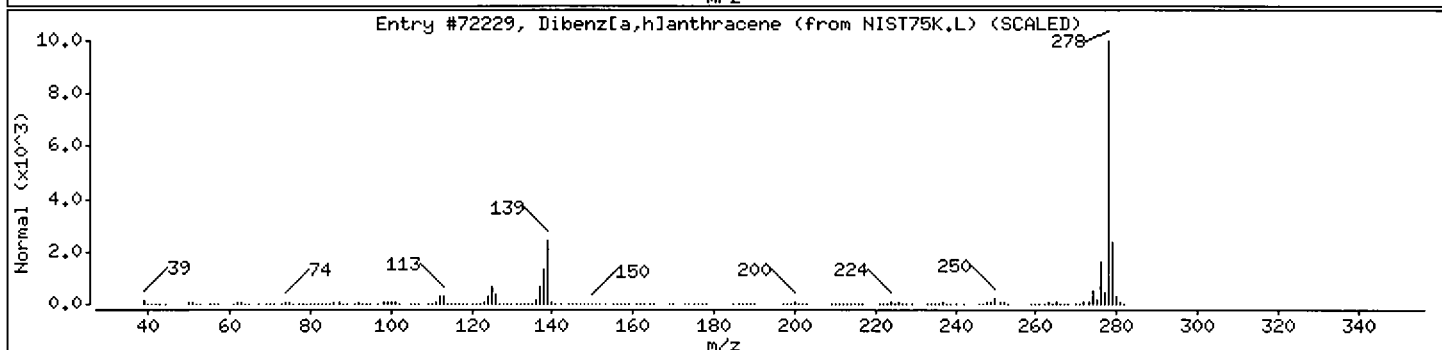
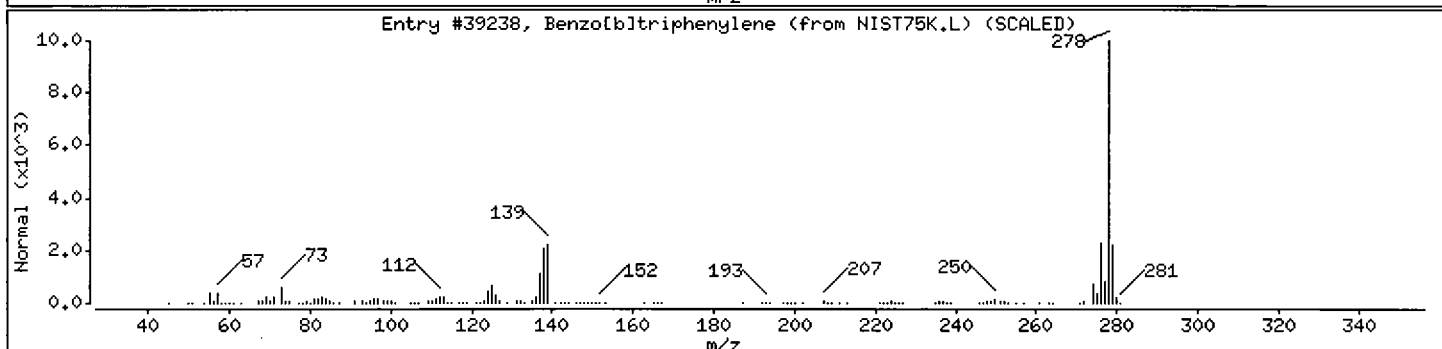
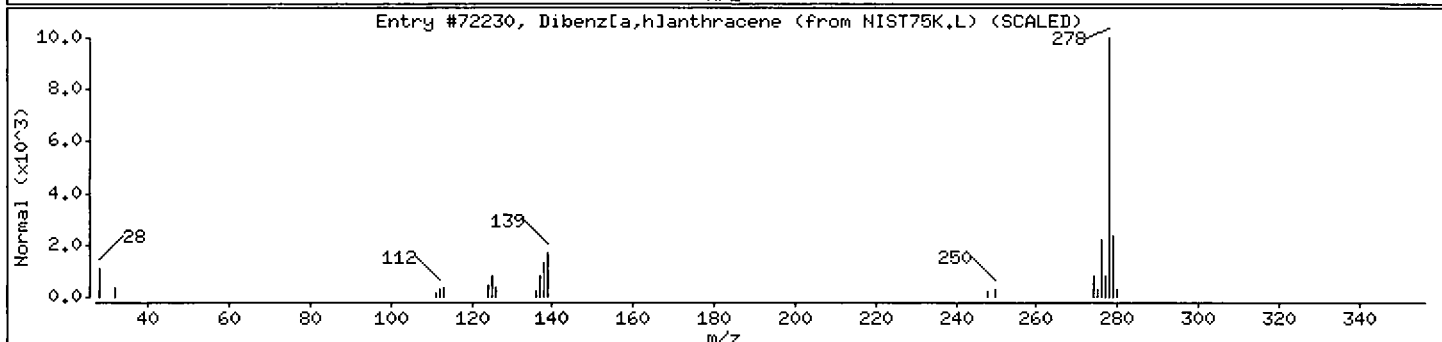
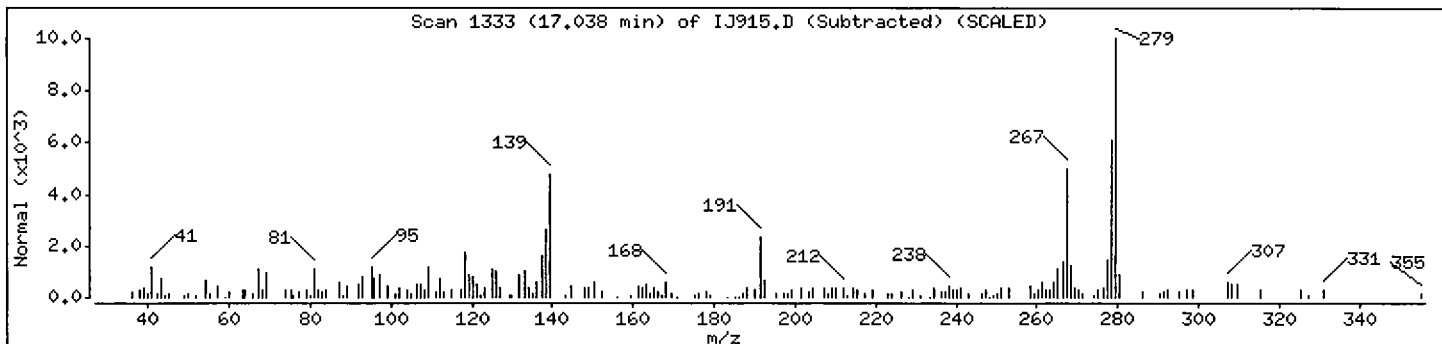
NIST75K.L

72229

16

C22H14

278



256 AC

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match

Unknown PAH

Dibenz[a,h]anthracene

CAS Number

Library

Entry

Quality

Formula

Weight

53-70-3

NIST75K.L

72229

70

C22H14

278

214-17-5

NIST75K.L

39241

45

C22H14

278

Dibenz[a,h]anthracene

53-70-3

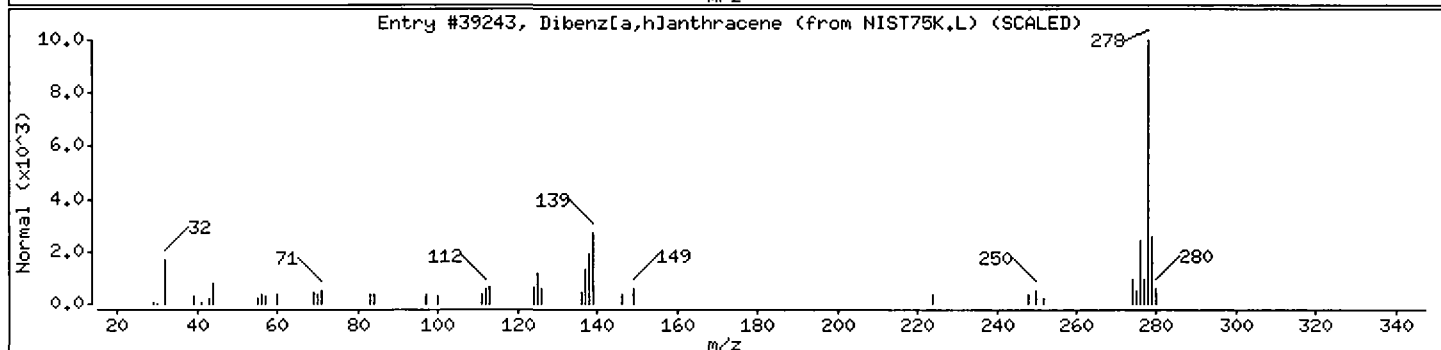
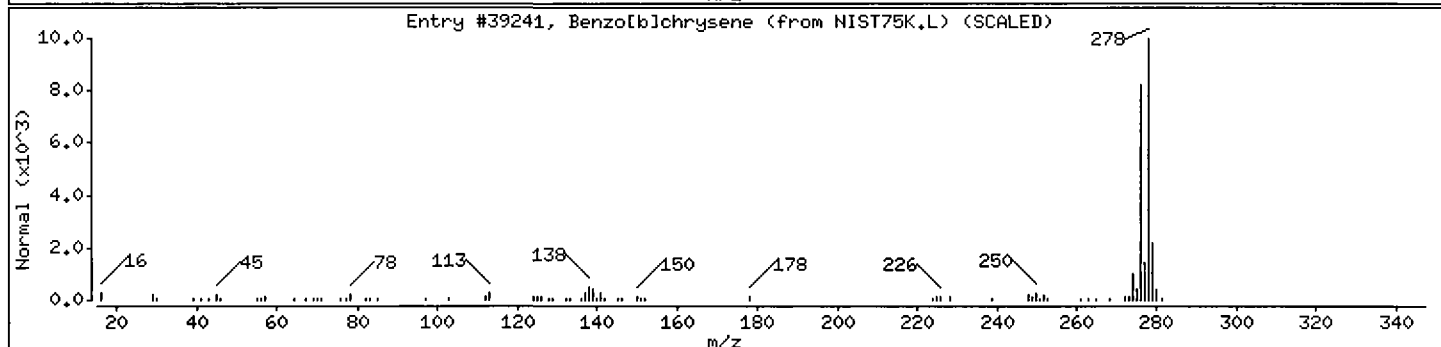
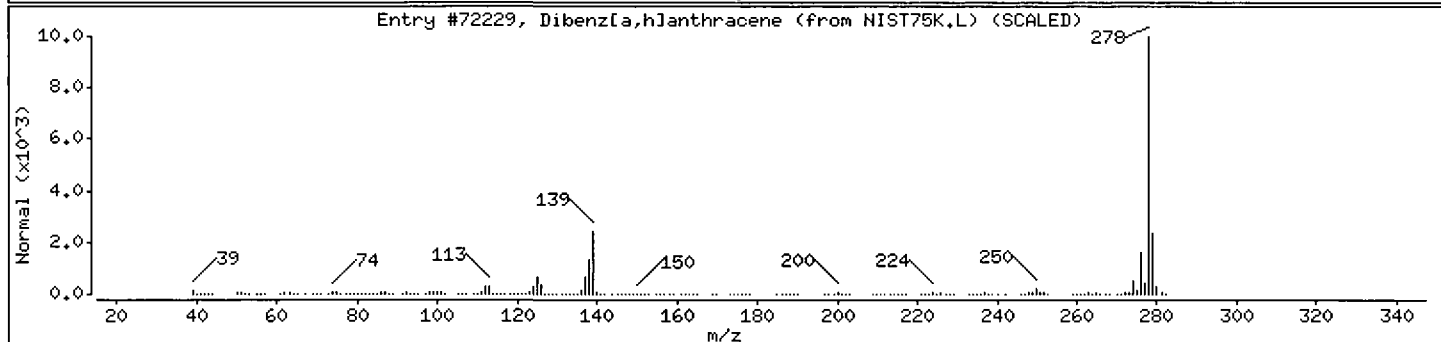
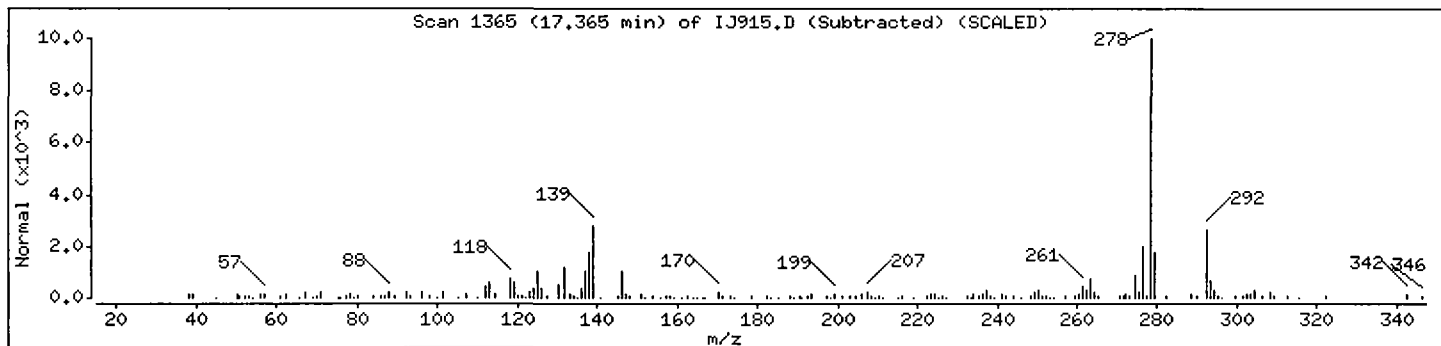
NIST75K.L

39243

43

C22H14

278



256 AD

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S_040183-04,I031004B.b

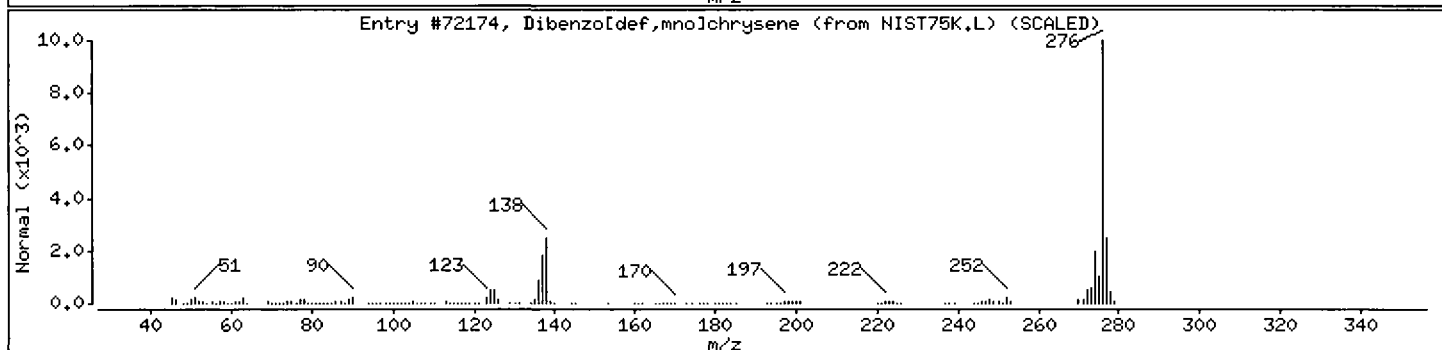
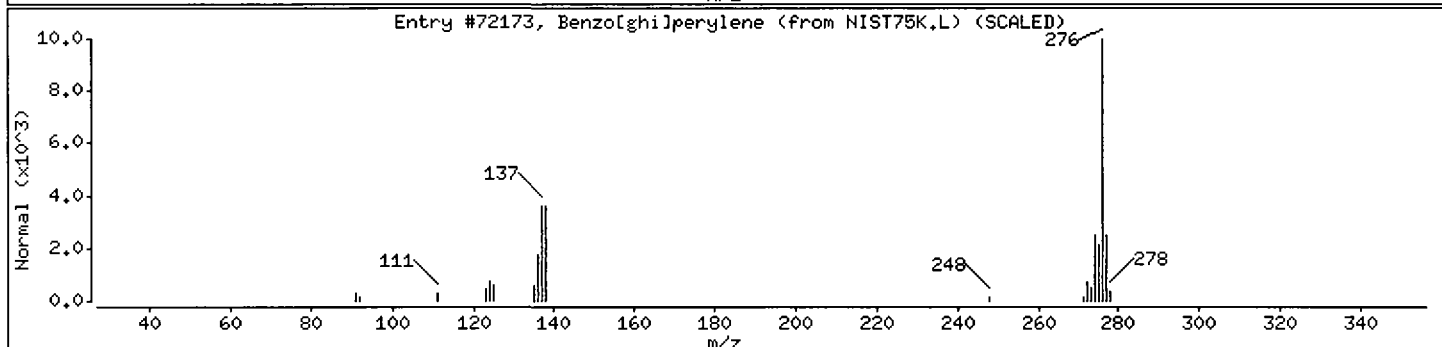
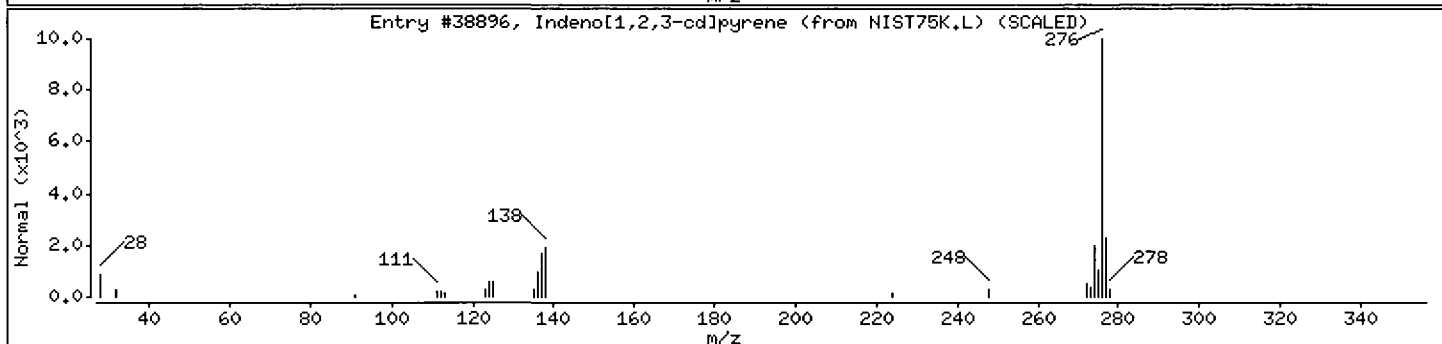
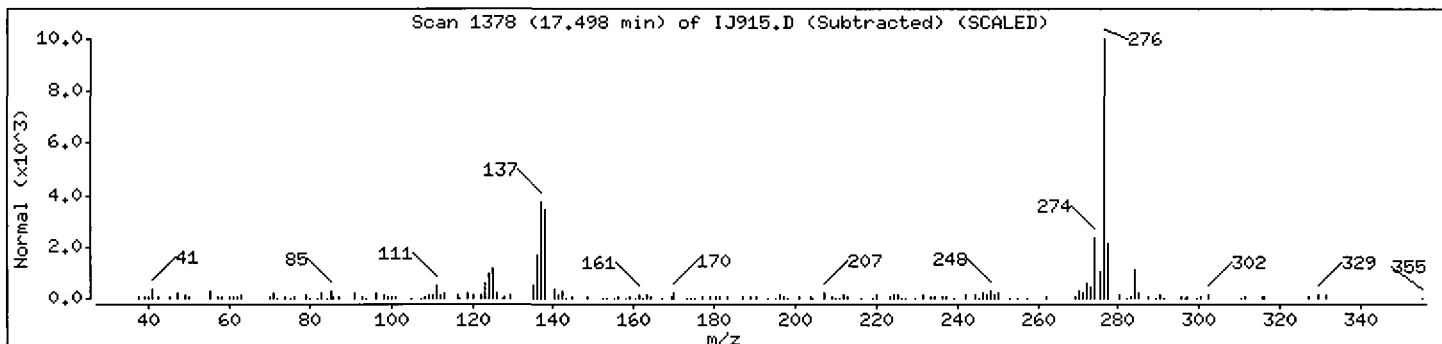
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indeno[1,2,3-cd]pyrene	193-39-5	NIST75K.L	38896	93	C22H12	276
Benzo[ghi]perylene	191-24-2	NIST75K.L	72173	89	C22H12	276
Dibenzo[def,mno]chrysene	191-26-4	NIST75K.L	72174	87	C22H12	276



256 AE

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

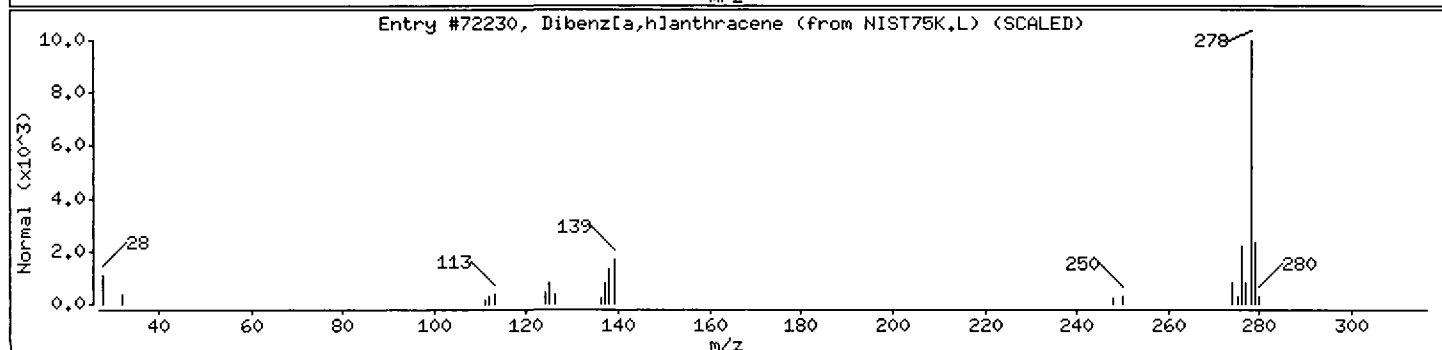
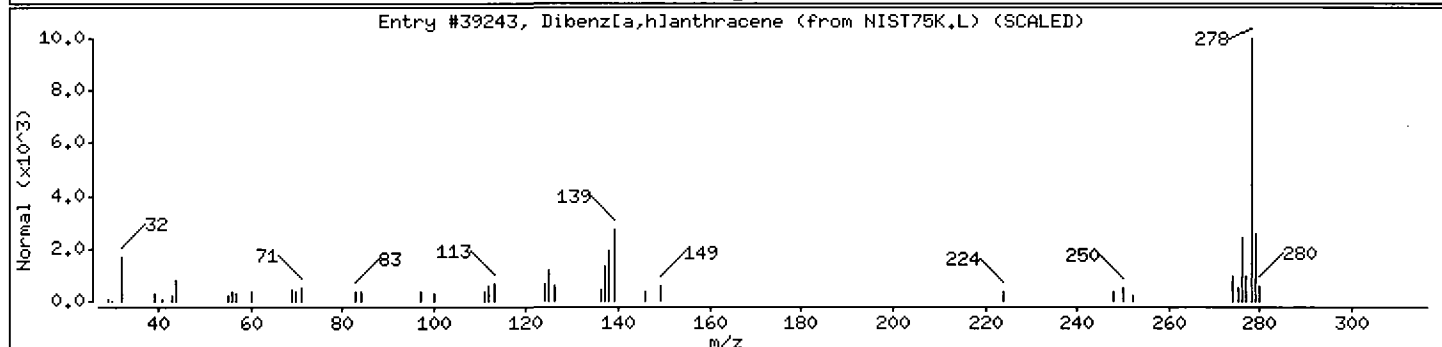
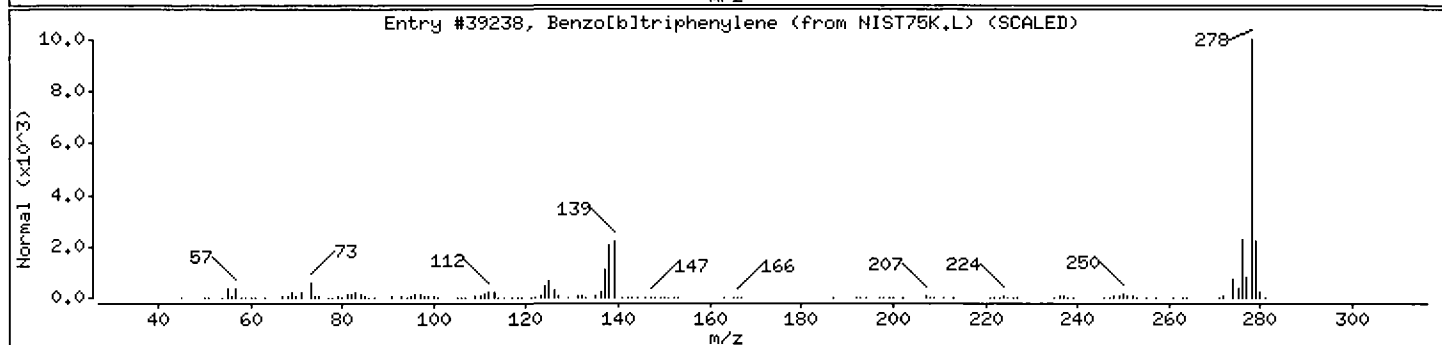
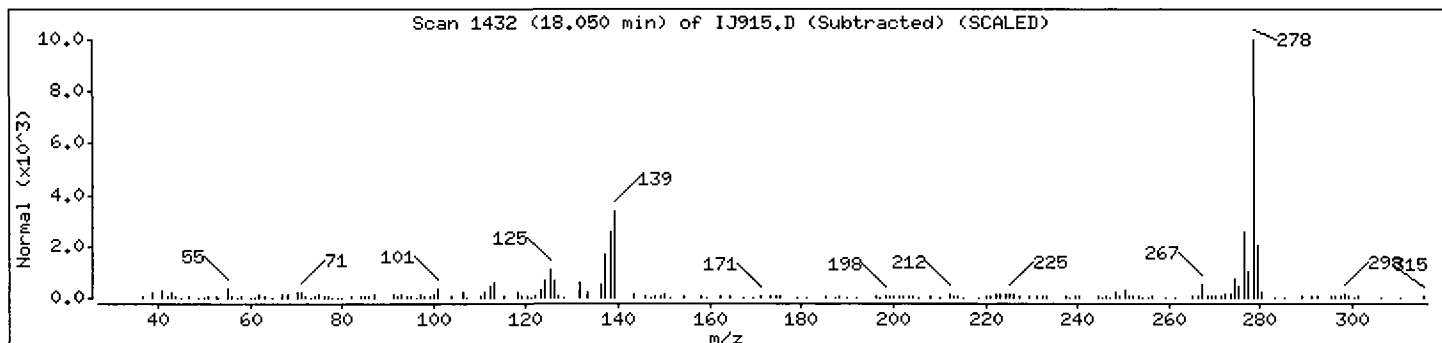
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[b]triphenylene	215-58-7	NIST75K.L	39238	95	C22H14	278
Dibenz[a,h]anthracene	53-70-3	NIST75K.L	39243	91	C22H14	278
Dibenz[a,h]anthracene	53-70-3	NIST75K.L	72230	89	C22H14	278



256 AF

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1042

Instrument: ms9.i

Sample Info: S.040183-04,I031004B.b

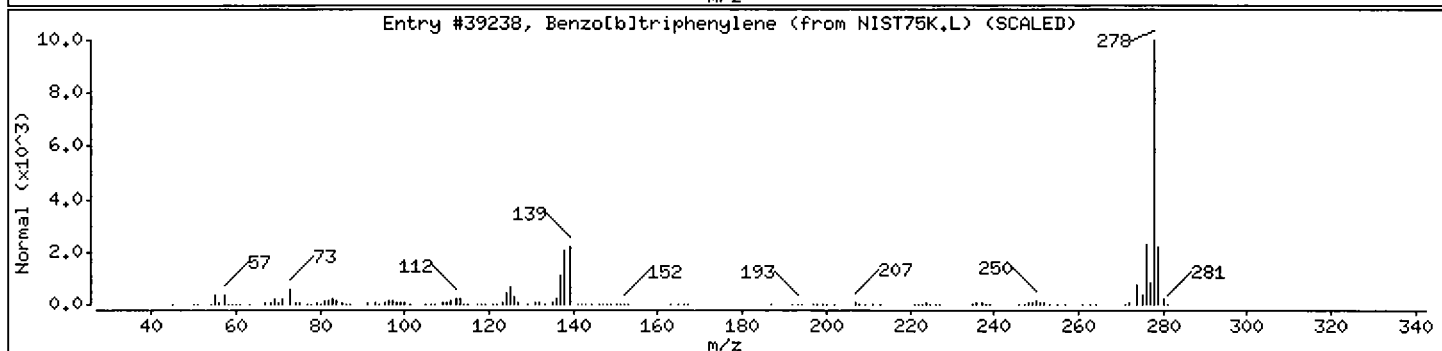
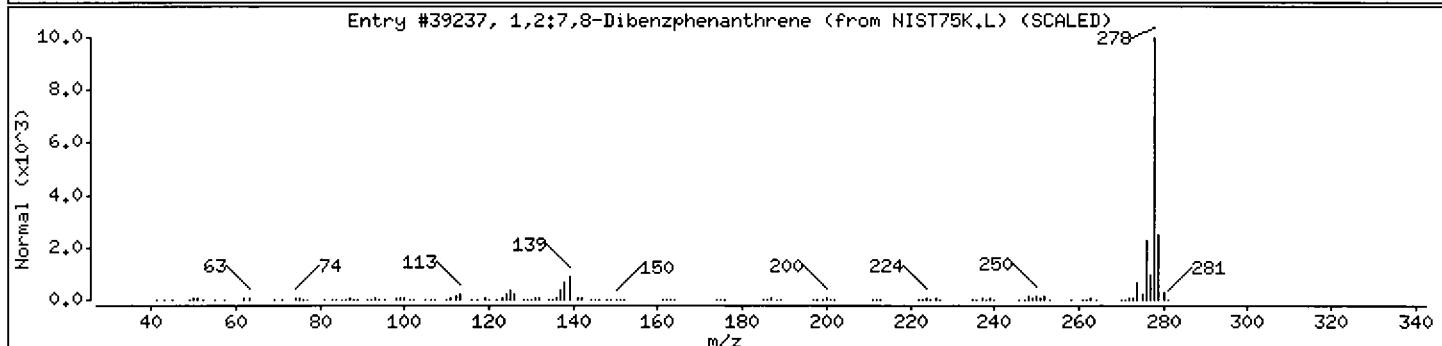
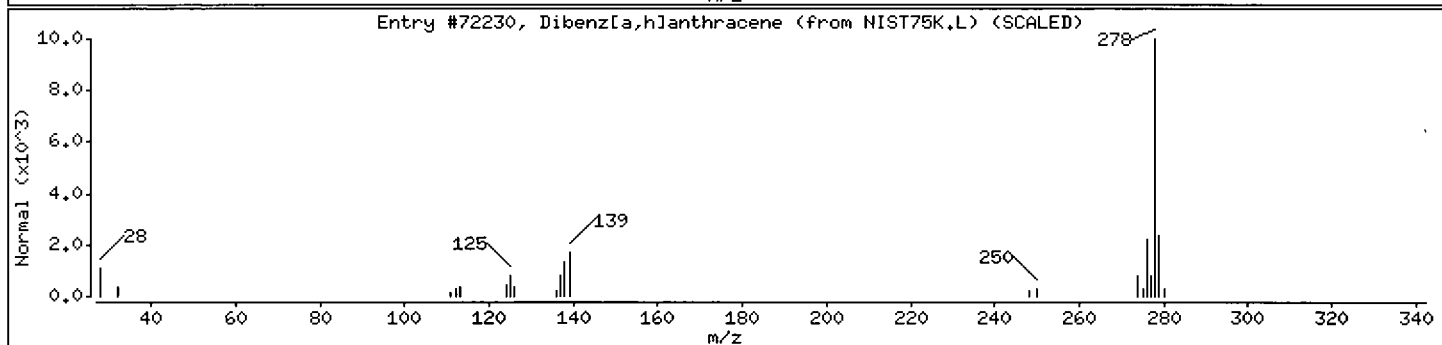
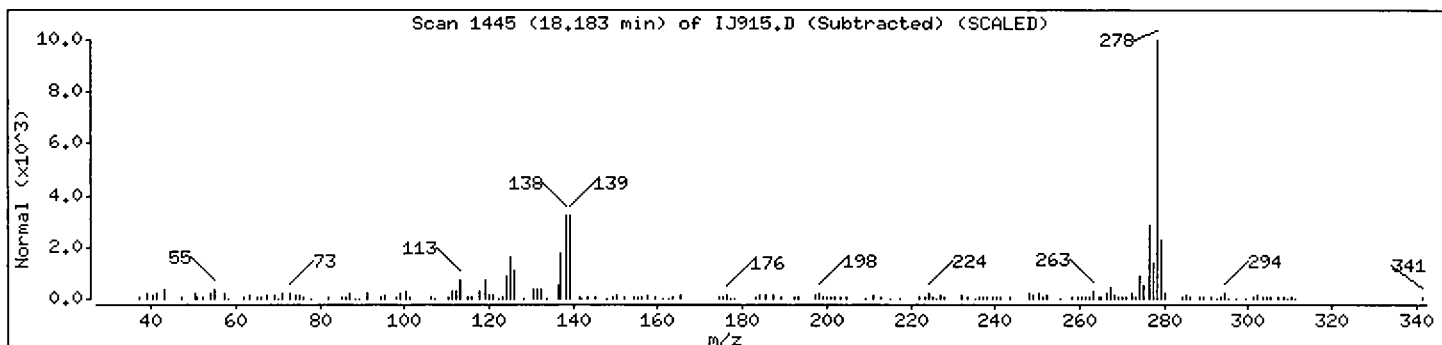
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dibenz[a,h]anthracene	53-70-3	NIST75K.L	72230	91	C22H14	278
1,2;7,8-Dibenzphenanthrene	0-00-0	NIST75K.L	39237	91	C22H14	278
Benzo[b]triphenylene	215-58-7	NIST75K.L	39238	90	C22H14	278



256 AG

Data File: \\Bnai\dd\chem\ms9.i\I031004B.b\IJ915.D

Date : 10-MAR-2004 20:36

Client ID: A1C42

Instrument: ms9.i

Sample Info: S,040183-04,I031004B.b

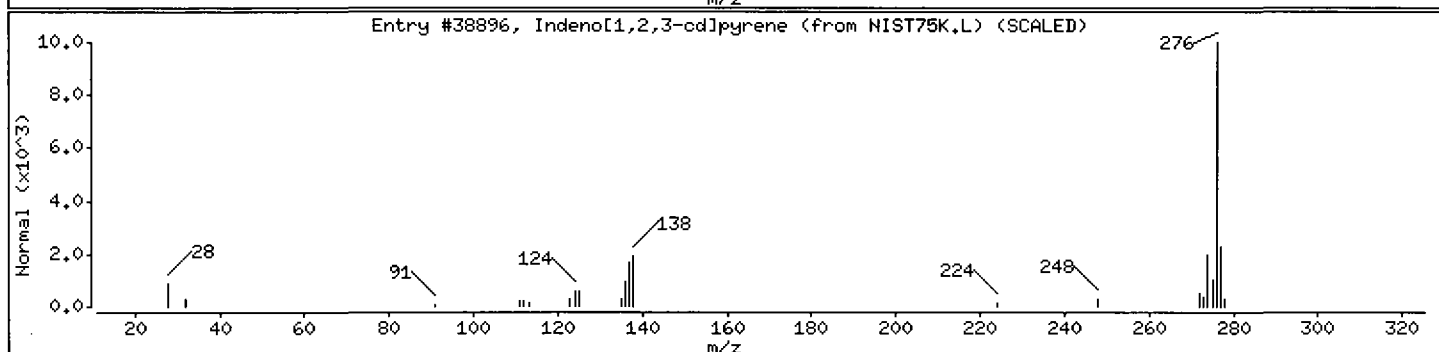
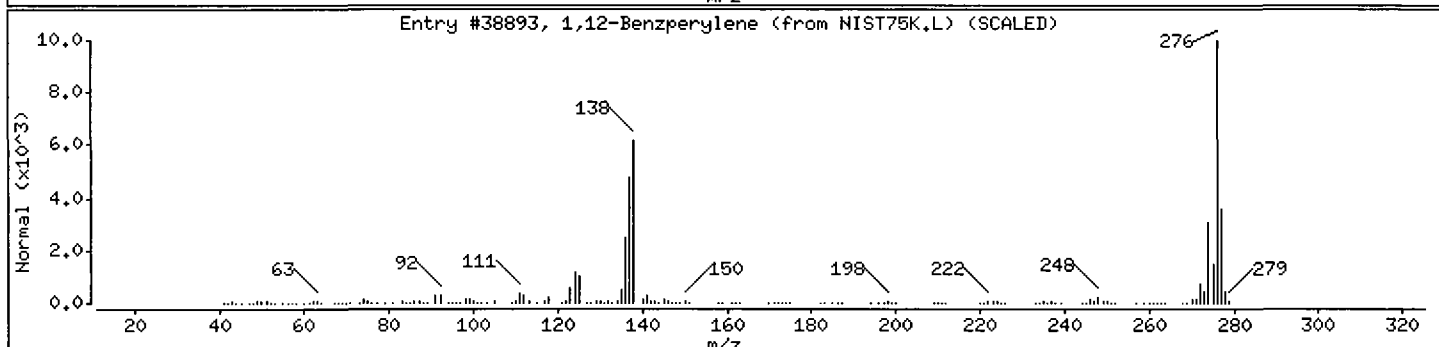
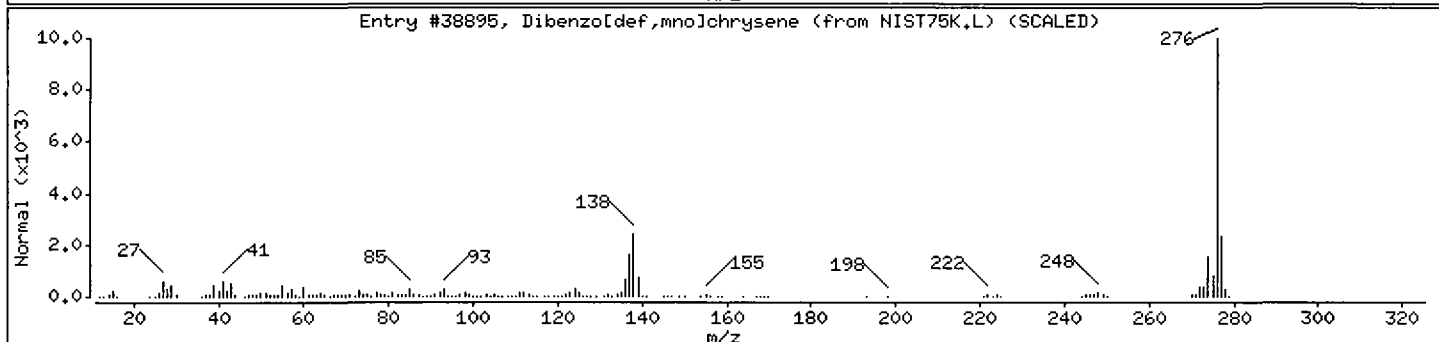
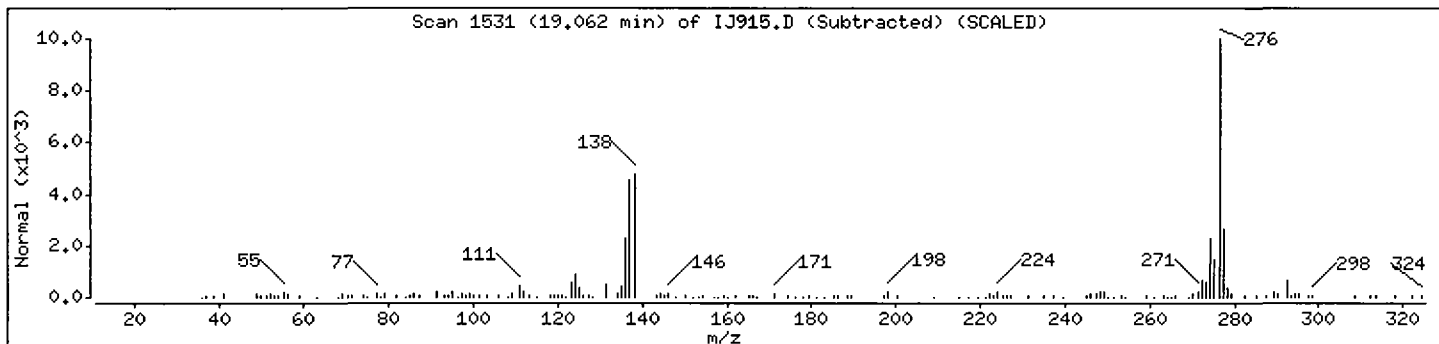
Volume Injected (uL): 2.0

Operator: KH

Column phase: ZB5

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dibenzo[def,mno]chrysene	191-26-4	NIST75K.L	38895	95	C22H12	276
1,12-Benzperylene	0-00-0	NIST75K.L	38893	93	C22H12	276
Indeno[1,2,3-cd]pyrene	193-39-5	NIST75K.L	38896	93	C22H12	276



256 AH

Review Chemist: VA

Review Date: 4-12-04

QC Chemist: YY

QC Date: 04/13/2004

Attached are copies of reconciled status of CCS results which show the status of the relevant sample after incorporation of laboratory response to screening.

[illegible]

:

SC 3-24-a,

[illegible]

4

TECHNICAL DEFECT FREQUENCY REPORT
THIS REPORT PROVIDES A STATISTICAL SUMMARY OF THE TECHNICAL DEFECTS PRESENT IN THIS SDG.
TEXTUAL/MANUAL DEFECT REPORT

THIS REPORT SUMMARIZES DEFECT MESSAGES. INFORMATION IN PARENTHESES AT THE END OF A DEFECT MESSAGE REFERENCES THE SOW PAGE NUMBER WHERE THE REQUIREMENTS ORIGINATED. FOLLOWING THE DEFECT MESSAGE IS A LIST OF ALL AFFECTED SAMPLES.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

5

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C63 MAILDATE1:03/24/2004 MAILDATE2:

CRITERION	COMMENTS

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

6

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C63 MAILDATE1:03/24/2004 MAILDATE2:

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

7

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C63 MAILDATE1:03/24/2004 MAILDATE2:

THE SDG VALUE REPORT WAS DISCONTINUED EFFECTIVE NOVEMBER 1, DUE TO THE IMPLEMENTATION OF WIS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

8

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C63 MAILDATE1:03/24/2004 MAILDATE2:

Path Name

SMOM.ILM4.BONNER.MA1C63.I032204.DMCPY
<-CHOP->

----- CASE=32635 CONTRACT=68W02067 SDG=MA1C63 LABCODE=BONNER -----

SAMPLE	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	CCS TOTAL	TIP TOTAL
LCSW	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			
MA1C63	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
MA1C64	AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN	22	22
REQUIRED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
ANALYZED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
PROCESSED	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		

HG AND CN ARE NOT INCLUDED IN THE TOTALS

SPIKES AND DUPS TOTAL ANALYTES WILL AUTOMATICALLY BE COUNTED LIKE THE PARENT FIELD SAMPLE FOR TIP PURPOSES.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

2

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C63 MAILDATE1:03/24/2004 MAILDATE2:
THE WEB-CCS SOFTWARE IS AVAILABLE ON THE WORLD WIDE WEB AT
<http://mssiis2.dyncorp.com/webccs/index.cfm>
PLEASE CONTACT CCS INFORMATION DESK AT (703) 818-43023
IF YOU HAVE ANY QUESTIONS.

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

1

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C63 MAILDATE1:03/24/2004 MAILDATE2:

```
*****
*****
*****
****
****          S C R E E N I N G   P A C K A G E          ****
****          S U M M A R Y   I N F O R M A T I O N        ****
****
****                      ILM05.2                      ****
****                      A E S                          ****
****
****                      SDG:  MA1C63                   ****
****
****                      CASE:  32635                   ****
****
****                      LAB:   BONNER                   ****
****
****                      CONTRACT:  68W02067            ****
****
****                      REGION:   1                    ****
****
****                      DRD:    03/22/2004             ****
****
****                      MAIL DATE 1:  03/24/2004       ****
****
****
****
*****
*****
*****
```

Manual Review Defects for ILM05.2
(Semi-automated)

page ___ of ___

Flex Clause Yes ___ No ☒

SDG Number: MA1063 Review Chemist: 1-J

Review Date: 3/22/04

Lab Code: BONNER

QC Chemist: M

QC Date: 3-22-2004

- MD1** Compliance cannot be determined, raw data not present. (B-2.5.2.3.5) For: Tunes¹; Calibration²; ICB³; ICB⁴; CCV⁵; CCB⁶; CRI⁷; ICSA/ICSAB⁸; PBW/PBS⁹; LCSW/LCSS¹⁰; Matrix Spike¹¹; Post-digestion Spike¹²; Duplicate¹³; Serial Dilution¹⁴; Field Sample¹⁵; Start/End Time¹⁶.
- MD3** Analysis in raw data is missing on Form 13. (B-3.4.17.1.2) For: Tunes¹; Calibration²; ICB³; ICB⁴; CCV⁵; CCB⁶; CRI⁷; ICSA/ICSAB⁸; PBW/PBS⁹; LCSW/LCSS¹⁰; Matrix Spike¹¹; Post-digestion Spike¹²; Duplicate¹³; Serial Dilution¹⁴; Field Sample¹⁵.
- MD4.1** Traffic Report is missing. (B-2.4)
- MD4.2** Traffic Report is missing date received. (B-2.4)
- MD4.3** Traffic Report is missing laboratory signature. (B-2.4)
- MD5** Preparation log is missing. (B-2.5.2.4)
- MD6** Compliance cannot be determined - Date received on the Traffic Report is not the same as reported on Form(s) 1. (B-3.4.2.2.1)
- MD7** Form(s) 1¹, 7², 9³, 10⁴, 12⁵, 13⁶, 14⁷, 15⁸ is (are) missing. (B-2.5.2.2.1)
- MD8** Form(s) 2¹, 3², 4³, 5⁴, 6⁵, 8⁶, 11⁷ is (are) missing for method. (B-2.5.2.2.1)
- MD9** Compliance cannot be determined, raw data not present for entire run. (B-2.5.2.3.5)
- MD10.1** SDG Narrative is missing. (B-2.5.1.2)
- MD10.2** SDG Narrative is missing: ¹Laboratory Name, ²Case Number, ³SDG Number, ⁴Contract Number. (B-2.5.1.2)
- MD10.3** ¹Laboratory Name, ²Case Number, ³SDG Number, ⁴Contract Number on SDG Narrative not the same as reported on Form (s) 1. (B-2.5.1.2; B-3.3.1; B-3.3.4; B-3.3.6; B-3.3.2)

Criterion	Sample w/Defect	Method	Analysis Date/Time	Analyte(s)	Samples Coded

page ____ of ____

[illegible]



USEPA Contract Laboratory Program *Cooler No. EPA3404*
Inorganic Traffic Report & Chain of Custody Record

Case No: 32635
DAS No:
SDG No: *MA1C63* **L**

Date Shipped: 3/4/2004 Carrier Name: FedEx Airbill: 840046579450 Shipped to: Bonner Analytical Testing Company 2703 Oak Grove Road Hattiesburg MS 39402 (601) 264-2854	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only		
	Relinquished By	(Date / Time)		Received By	(Date / Time)	Lab Contract No: <i>68W02067</i>
	1	<i>[Signature]</i> 3/4/04 1430				Unit Price: \$72.00
	2					Transfer To: <i>[Signature]</i>
	3					Lab Contract No:
4					Unit Price:	

Shannon Cindwell 3-5-04 0945

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA1C40	Soil (>12")	M/G	CN (21), TM (21)	193948 (Ice Only), 193949 (Ice Only) (2)	SO-04	S: 3/4/2004 12:05	A1C40	
MA1C44	Soil (>12")	M/G	CN (21), TM (21)	193960 (Ice Only), 193961 (Ice Only) (2)	SO-08	S: 3/4/2004 12:05	A1C44	
MA1C48	Soil (>12")	M/G	CN (21), TM (21)	193972 (Ice Only), 193973 (Ice Only) (2)	SO-12	S: 3/3/2004 15:00	A1C48	
MA1C49	Soil (>12")	M/G	CN (21), TM (21)	193975 (Ice Only), 193976 (Ice Only) (2)	SO-13	S: 3/3/2004 18:30	A1C49	
MA1C63	Field QC	M/G	CN (21), TM (21)	190530 (HNO3), 190531 (NaOH) (2)	RB-04	S: 3/4/2004 14:00	A1C63	

003

Shipment for Case Complete? <i>N</i>	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>[Signature]</i>	Cooler Temperature Upon Receipt: 2.9°C	Chain of Custody Seal Number: <i>N/A</i>
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <i>Y</i>	Shipment Iced? <i>Y</i>
CN = Cyanide, TM = CLP TAL Total Metals and Hg				

TR Number: 1-520220259-030404-0001

LABORATORY COPY



USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Cooler No. EPAJM1430

Case No: 32635
DAS No: MA1C63
SDG No: MA1C63 & L

Date Shipped: 3/9/2004 Carrier Name: FedEx Airbill: 840046579531 Shipped to: Bonner Analytical Testing Company 2703 Oak Grove Road Hattiesburg MS 39402 (601) 264-2854	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only Lab Contract No: 68W02067 Unit Price: \$72.00 Transfer To: <i>[Signature]</i> Lab Contract No: <i>[Signature]</i> Unit Price: <i>[Signature]</i>	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1	<i>[Signature]</i> 3/9/04 1100			
	2				
	3				
4			<i>[Signature]</i> 3-16-04 0915		

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MA1C52	Soil (>12")	M/G	CN (21), TM (21)	193984 (Ice Only), 193985 (Ice Only) (2)	SO-16	S: 3/8/2004	12:30	A1C52	good ↓
MA1C53	Soil (>12")	M/G	TM (21)	193987 (Ice Only) (1)	SO-17	S: 3/8/2004	13:45	A1C53	
MA1C54	Soil (>12")	M/G	TM (21)	193990 (Ice Only) (1)	SO-18	S: 3/8/2004	13:45	A1C54	
MA1C55	Soil (>12")	M/G	TM (21)	193992 (Ice Only) (1)	SO-19	S: 3/8/2004	14:45	A1C55	
MA1C56	Soil (>12")	M/G	TM (21)	193994 (Ice Only) (1)	SO-20	S: 3/8/2004	13:00	A1C56	
MA1C57	Soil (>12")	M/G	TM (21)	193998 (Ice Only), 193999 (Ice Only) (2)	SO-21	S: 3/8/2004	15:15	A1C57	
MA1C58	Soil (>12")	M/G	TM (21)	190501 (Ice Only) (1)	SO-22	S: 3/8/2004	14:20	A1C58	
MA1C64	Field QC	M/G	CN (21), TM (21)	190536 (HNO3), 190537 (NaOH) (2)	RB-05	S: 3/8/2004	16:15	A1C64	

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: MA1C57	Additional Sampler Signatures: <i>[Signatures]</i>	Cooler Temperature Upon Receipt: 2.3°C	Chain of Custody Seal Number: N/A
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <u>Y</u>	Shipment Iced? <u>Y</u>
CN = Cyanide, TM = CLP TAL Total Metals and Hg				

TR Number: 1-520220259-030804-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office Attn: Heather Bauer CSC 15000 Conference Center Dr. Chantilly, VA 20151-3810 Phone 703/918-4200 Fax

F2V5.1.048 Page 4 of 4

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/2004

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

General Comments: CEIMIC reported that they had received the inorganic samples for Case 32635. Per Region 1, the inorganic samples were shipped to BONNER on 3/3/04. CEIMIC received the organic samples from BONNER on 3/4/04.

N/A

CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C – Canceled
B – Broken in Transit
D – Damaged by Lab
I – Insufficient Volume
T – Transshipped
O – Other

REC: 22979

3/22/2004 2:06:44 PM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/3/2004

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W03067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

General Comments: BONNER reported that they had received the organic samples for Case 32635. Per Region 1, the organic samples were shipped to CEIMIC on 3/3/04. BONNER received the inorganic samples from CEIMIC on 3/4/04.



CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22980

3/22/2004 2:06:45 PM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/9/2004

Case Number: 32635

Program: Inorganic

SDG Number:

Lab Name: BONNER

Contract Number: 68W02067

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

**General
Comments:**

BONNER reported that sample MA1C37 had a total solids of 15.2%, and that the sample was green, had a "non dirt matrix physical characteristic", and was almost slippery when touched. In addition, the sample went from green in color to clear after being baked. Per the Region, the sample appeared to be a colored clay material to the field sampling team. However, based on the information received from the Inorganic CLP lab, the sample melted during percent solids determination, yielding a low percent solid. The Region's concern is that the sample may be a highly concentrated organic material. Per the Region, the lab should proceed with caution during the analysis, and report any problems with sample preparation and analysis.

NA

CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C -- Canceled
B -- Broken in Transit
D -- Damaged by Lab
I -- Insufficient Volume
T -- Transshipped
O -- Other

REC: 22991

3/22/2004 2:06:45 PM

CLPAS Notification Form

Coordinator: Heather Bauer

Date: 3/10/2004

Case Number: 32635

Program: Organic

SDG Number:

Lab Name: CEIMIC

Contract Number: 68W03018

Sample Number	Sample No. Change	LRD	Fraction	Status*	Comments
---------------	-------------------	-----	----------	---------	----------

**General
Comments:**

CEIMIC reported that the TR/COC listed that the aqueous samples did not require laboratory QC, but sample A1C59 is listed on the TR/COC as a "Drill Rig Tank Water" sample. Per Region 1, the sample is a QA sample on the water used during the drilling process and should not be used for laboratory QC.



CC:

IPAC DATE PROCESSED:

ST&R DATE PROCESSED:

CCS DATE PROCESSED:

QA Officer DATE PROCESSED:

Original ==> Case File

***Status:**

C – Canceled
B – Broken in Transit
D – Damaged by Lab
I – Insufficient Volume
T – Transshipped
O – Other

REC: 22992

3/22/2004 2:06:45 PM

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

2

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C63 MAILDATE1:

MAILDATE2:

```
*****
*****
*****
****
****      SCREENING PACKAGE      ****
****      SUMMARY INFORMATION      ****
****
****      ILM05.2                  ****
****      AES                      ****
****
****      SDG: MA1C63              ****
****
****      CASE: 32635              ****
****
****      LAB: BONNER              ****
****
****      CONTRACT: 68W02067       ****
****
****      REGION: 1                ****
****
****      DRD: 03/22/2004          ****
****
****      SCREEN DATE: 3/22        ****
****
****      SCREENER: C.N.          ****
****
****      THIS PROGRAM WAS RUN ON : 03/22/2004 ****
****
****      AT : 11:20               ****
****
****      REFERENCE 1:             ****
****
****      REFERENCE 2:             ****
****
****      THIS ASF HAS 1963 LINES. ****
****
*****
*****
*****
```

3

MAILDATE2:

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

4

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C63 MAILDATE1:

MAILDATE2:

```
*****
*****
*****
****
****      SCREENING PACKAGE      ****
****      SUMMARY INFORMATION      ****
****
****      ILM05.2      ****
****      AES      ****
****
****      SDG: MA1C63      ****
****
****      CASE: 32635      ****
****
****      LAB: BONNER      ****
****
****      CONTRACT: 68W02067      ****
****
****      REGION: 1      ****
****
****      DRD: 03/22/2004      ****
****
****      SCREEN DATE: 3/22      ****
****
****      SCREENER: C.N.      ****
****
****      THIS PROGRAM WAS RUN ON : 03/22/2004      ****
****
****      AT : 11:20      ****
****
****      REFERENCE 1:      ****
****
****      REFERENCE 2:      ****
****
****      THIS ASF HAS 1963 LINES.      ****
****
*****
*****
*****
```

5

[illegible]

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNACORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

6

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C63 MAILDATE1:

MAILDATE2:

LAB RECEIVED DATE BY SAMPLE

SAMPLE	LAB RECEIVED DATE
MA1C63	03/05/2004
MA1C64	03/10/2004

U.S.E.P.A. CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE - OPERATED BY DYNCORP
INORGANIC CONTRACT COMPLIANCE SCREENING SYSTEM
SEMI-AUTOMATED SCREENING RESULTS, OPTION PERIOD

8

DRD:03/22/2004 CASE:32635 LAB:BONNER CONTRACT:68W02067 SDG:MA1C63 MAILDATE1: MAILDATE2:

CRITERION	COMMENTS