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By Federal Express Mail

July 31, 2009

Ms. Kiera Becker
New York State Department of Environmental Conservation
625 Broadway
Remedial Bureau C, 11th Floor
Albany, New York 12233-7014

AUG 0 3 2009

Re: Cedar Street Works
New Rochelle, New York
Site No. V00570

Dear Ms. Becker:

Enclosed for the New York State Department of Environmental Conservation (NYSDEC)'s review is the Draft Data Summary that presents the results of site characterization activities conducted at the former Cedar Street Gas Works Site between November 2008 and February 2009. The investigation activities were conducted in accordance with the NYSDEC-approved Site Characterization Work Plan (Parsons, 2005).

If you have any questions or require further information to complete your review, please contact me at 718 204-4205, or via e-mail at skorobogatovy@coned.com.

Sincerely,

Yelena Skorobogatov /SRB

Yelena Skorobogatov
Technical Specialist
EH&S – MGP Remediation

cc: Mark Van Valkenburg,, NYSDOH
Mike Lesser, Esq., NYSDEC
Edward Moore, NYSDEC – Region 3
Eddy Louie, Con Edison
Shane Blauvelt, Parsons

DRAFT DATA SUMMARY FOR SITE CHARACTERIZATION ACTIVITIES AT THE CEDAR STREET WORKS SITE

(Site No. V00570)

New Rochelle, New York



PREPARED BY:

PARSONS
Syracuse, New York 13212

July 2009

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1.0 INTRODUCTION

The former Cedar Street Works site was located between Cedar and River Streets in the City of New Rochelle, Westchester County, New York (Figure 1). This Data Summary presents the results of site characterization activities conducted at the former Cedar Street Gas Works Site between November 2008 and February 2009. The investigation activities were conducted in accordance with the protocols and procedures set forth in the New York State Department of Environmental Conservation (NYSDEC)-approved Site Characterization Work Plan (Parsons, 2005). The site characterization activities are briefly described in the sections below followed by a summary of the results and proposed additional investigation activities.

2.0 SOIL INVESTIGATION ACTIVITIES

The scope of the soil investigation activities included the excavation of test pits and the installation of soil and monitoring well borings. In addition, subsurface soil samples were collected for characterization and laboratory analysis. All sampling locations are shown on Figure 2. Table 1 provides a summary of each of the soil samples collected and submitted for laboratory analysis as part of the site characterization.

Test Pit Investigation

Test pits were excavated at seven locations (TP-1 through TP-7) to determine whether manufactured gas plant (MGP) structure remnants and/or impacted subsurface materials were present. Test pit TP-7 was not included in the NYSDEC-approved Site Characterization Work Plan (Parsons, 2005). Following NYSDEC approval, test pit TP-7 was added during the site characterization to gather additional information on the northern gasholder. Test pit locations are depicted on Figure 2. The test pits were excavated using a backhoe to depths ranging from approximately 3 to 12 feet (ft) below ground surface (bgs). During excavation activities, test pit walls and floors were inspected for evidence of MGP-related impacts [e.g., odors, staining, sheens, NAPL, photoionization detector (PID) readings above background levels in soils removed from the test pit] and the remnants of MGP structures. The soil characteristics, PID and visual/odor inspection results are summarized in the test pit logs provided in Appendix A.

In general, samples were collected from the bottom of each test pit and from the sidewalls of each test pit to determine whether the soil had been affected by MGP operations. The samples were submitted for laboratory analyses of Target Compound List (TCL) volatile organic compounds (VOCs), TCL semi volatile organic compounds (SVOCs), Target Analyte List (TAL) metals, and cyanide.

Soil/Monitoring Well Borings

A total of 16 soil borings (SB-1 through SB-15 and MW-4) and 6 monitoring well borings (MW-1 through MW-3, MW-5, MW-6 and MW-7a) were installed at the locations shown on Figure 2. Soil samples were not collected from two of these borings (SB-8 and MW-4) due to shallow refusals, 2.5 ft and 1.5 ft respectively. Two borings, soil boring SB-15 and monitoring well soil boring MW-7a, were not included in the NYSDEC-approved Site Characterization Work Plan (Parsons, 2005). Following NYSDEC approval,

soil boring SB-15 and monitoring well soil boring MW-7a were installed to gather additional information in and adjacent to the northern gasholder.

Soil borings, with the exception of SB-12 (MW-7b) and SB-15, were advanced to refusal depths ranging from 1.5 to 25 ft bgs using a truck- or track-mounted drill rig or vacuum excavation and hand digging. Bedrock cores (NX diameter ~2-inch) were collected from SB-12 (MW-7b) and SB-15. Soil samples (2-inch diameter split spoons) and bedrock cores were collected on a continuous basis and visually characterized for color, texture, moisture content (if applicable), evidence of impacts, and screening for organic vapors using a PID. Soil boring and monitoring well logs are provided in Appendix B.

In general, two soil samples were selected from each location and submitted to a NYSDOH Environmental Laboratory Analysis Program approved laboratory for chemical analysis. One sample was collected from the zone with the highest PID readings and/or visibly stained soils from either the utility clearance test pit or boring. If no visual impacts or PID readings above background levels were noted, a sample was collected from directly above the water table. A second sample was collected below the impacted zone or near the base of the boring to define the vertical extent of impacts at that location.

The soil samples were submitted for laboratory analyses of TCL VOCs and SVOCs, cyanide, and TAL metals. Soil samples from five locations were also submitted for Hydrocarbon Fingerprint analysis. A summary of the soil samples collected and analyses performed is provided in Table 1.

3.0 GROUNDWATER INVESTIGATION ACTIVITIES

The scope of the groundwater investigation activities included the installation of monitoring wells and collection of groundwater samples for laboratory analysis. All monitoring well locations are shown on Figure 2. Table 1 provides a summary of each of the groundwater samples collected and submitted for laboratory analysis as part of the site characterization.

Monitoring Well Installation

Seven monitoring wells (MW-1 through MW-3, MW-5, MW-6, MW-7a and MW-7b) were installed at the locations shown on Figure 2. Due to the shallow refusal encountered at proposed monitoring well location MW-4, a monitoring well could not be installed. Soil boring SB-12 was converted to a bedrock monitoring well (MW-7b) due to impacts noted immediately above bedrock in SB-12. In addition, monitoring well MW-7a was installed to form a well couplet with MW-7b. Monitoring well logs provided in Appendix B include the construction details for each monitoring well. The monitoring well screens were installed across the water table interface with the exception of MW-7b. Monitoring well MW-7b was screened from 11-21 ft into bedrock (30-40 ft below ground surface). After a minimum of 24 hours, the new monitoring wells as well as existing monitoring well MW-T3 were developed by purging until the well was reasonably free of sediment (50 NTU or less where possible) or until the pH, temperature and conductivity stabilized.

Groundwater Sampling

Groundwater samples were collected from eight monitoring wells, the seven new monitoring wells and existing monitoring well MW-T3. Two other existing monitoring wells (MW-T1 and MW-T2) are present onsite, however, these monitoring wells were found to be damaged and could not be sampled. Prior to sampling the eight monitoring wells, the depth to groundwater was measured in the wells using an electronic oil/water interface probe attached to a measuring tape accurate to 0.01 ft. Each well was then purged and sampled using low-flow techniques. Groundwater samples were collected for the following analysis: TCL VOCs, TCL SVOCs, TAL metals, total cyanide, and available cyanide. A sample from MW-T3 was also submitted for Hydrocarbon Fingerprint analysis. Water quality parameter measurements and observations recorded during sampling are documented on the groundwater sampling records provided in Appendix C.

4.0 SOIL VAPOR INTRUSION INVESTIGATION

The soil vapor intrusion investigation was conducted as part of the Site Characterization Study. A summary of the soil vapor intrusion investigation will be provided under separate cover.

5.0 SOIL INVESTIGATION RESULTS

Former MGP Structures

The test pitting and soil boring activities conducted during the Site Characterization confirmed that below-grade remnants of the northern gasholder are present at the Site. As depicted in photos provided in Appendix A, remains of the brick walls of the former gasholder were encountered during the test pit activities at test pit TP-7. Pipes that may have been associated with former MGP operations at the site were encountered in test pits TP-1, TP-2, TP-3 and TP-6. No other former MGP structures were confirmed during the site characterization activities.

Non-Aqueous Phase Liquid

Non-Aqueous Phase Liquid (NAPL) was observed at two locations during the Site Characterization. NAPL-saturated soils were observed during installation of soil boring SB-12 (MW-7b) at depths ranging from 17 to 19 ft bgs. Additionally, NAPL was encountered in historic monitoring well MW-T3 during development and gauging of the well.

Samples of the NAPL encountered at SB-12 (MW-7b) and MW-T3 were collected and submitted to META Environmental, Inc. (META) for forensic hydrocarbon fingerprint analysis by modified Method 8100. Additionally, soil samples from SB-3 (13'), SB-4 (13-15'), SB-5 (21-23') and SB-13 (14.5-15') were also submitted for hydrocarbon fingerprint analysis. The laboratory report for these fingerprint analyses is provided in Appendix D. The report indicates that the samples collected from MW-T3, SB-3, SB-12 and SB-13 contained pyrogenic material and was similar in nature to carbureted water gas tar. The sample from SB-4 appeared to contain coal ash and the sample from SB-5 contained PAHs from mixed sources similar to urban background.

Geology

The geology encountered in soil borings during the site characterization is summarized in the logs provided in Appendix B. The logs show that the upper 1.5 to 19 ft contained fill materials (generally sand, silt and gravel with cobbles, cement, wood, asphalt, and brick fragments). Deposits of fine to course-grained sand, silt and gravel underlie the fill in portions of the site. Suspected bedrock was encountered between 1.5 and 25 ft bgs during the field investigation. A bedrock ridge running north-south appears to be present approximately half way between Cedar Street and River Street. Bedrock cores were collected at SB-15 and MW-7B. Schist with horizontal and diagonal fractures throughout was observed in a core collected at soil boring location SB-15. Gneiss with lenses of schist and vertical and horizontal fractures were noted in bedrock cores collected at monitoring well location MW-7b. Soil boring logs generated during the site characterization were used to develop two representative cross sections. An east-west cross-section of the Site is shown on Figure 3 (cross section A-A') and a north-south cross-section is shown on Figure 4 (cross section B-B').

Soil Analytical Results

Table 2 presents the soil analytical results. A summary of detected VOC and SVOC concentrations in soil is presented on Figures 5 and 6, respectively. The soil sample results have been compared to the Unrestricted Soil Cleanup Objectives (USCOs) provided by NYSDEC in 6 NYCRR Part 375 (NYSDEC, 2006). However, USCOs assume there are no imposed restrictions on the use of the site. The former Cedar Street Works Site is used for commercial purposes, a large majority of the site is paved, and access is restricted to a majority of the site via a fence. Therefore, comparison of soil sample results to the USCOs is conservative. VOCs exceeding the USCOs were detected in 22 of 59 soil samples analyzed for VOCs. Total VOC concentrations ranged from non-detect to 13,254 parts per million (ppm) in soil boring SB-3. SVOCs exceeding the USCOs were detected in 36 of 59 soil samples analyzed for SVOCs. Total SVOC concentrations ranged from non-detect to 12,180 ppm in SB-15. Both soil borings SB-3 and SB-15 are located within the northern gasholder.

6.0 GROUNDWATER INVESTIGATION RESULTS

Groundwater Analytical Results

Table 3 presents the groundwater analytical results. A summary of detected VOC and SVOC concentrations in groundwater is presented on Figure 7. The groundwater results have been compared to NYSDEC Ambient Water Quality Standards and Guidance Values presented in the Technical and Operational Guidance Series (TOGS) 1.1.1. VOCs were detected in four monitoring wells (MW-1, MW-2, MW-7a and MW-T3) at concentrations exceeding applicable standards or guidance values. The highest concentrations were detected in MW-T3. SVOCs were detected in four monitoring wells (MW-2, MW-7a, MW-7b and MW-T3) at concentrations exceeding applicable standards or guidance values. Similar to VOCs, the highest concentrations of SVOCs were detected in MW-T3, which is located within the northern gasholder.

Site Hydrogeology

Groundwater was encountered beneath the Site at elevations ranging from 32.89 to 41.30 ft above mean sea level (AMSL), approximately 9 to 11 ft bgs. The depth to groundwater was gauged in the seven new monitoring wells (MW-1 through MW-3, MW-5, MW-6, MW-7a and MW-7b) and existing monitoring wells (MW-T3) on February 16, 2009. The groundwater levels and corresponding elevations are summarized in Table 4 and on the groundwater contour map (Figure 8). The groundwater contours based on the February 2009 gauging event indicate an easterly groundwater flow direction.

7.0 SOIL GAS INVESTIGATION RESULTS

A summary of the soil vapor intrusion investigation will be provided under separate cover.

8.0 PROPOSED REMEDIAL INVESTIGATION ACTIVITIES

Based on the site characterization results presented herein, a remedial investigation is warranted to:

- Further delineate NAPL observed in the vicinity of the northern gasholder;
- Further assess the presence of MGP structure remnants and/or impacted subsurface materials; and
- Better define subsurface conditions including bedrock formation, potential impacts and groundwater flow.

The proposed remedial investigation locations to meet the above objectives are shown on Figure 9. They are subject to change based on accessibility, utility clearance, and site conditions encountered during the site inspection and field activities. Proposed locations include the following:

- The installation of one additional test pit (TP-8);
- The installation of five additional soil borings (SB-16 through SB-20);
- The installation of nine additional monitoring wells. Five overburden monitoring wells (MW-8a, MW-9, MW-10, MW-11 and MW-12a) and four bedrock wells (MW-2b, MW-3b, MW-8b and MW-12b); and
- The collection of subsurface soil and groundwater samples for laboratory analysis.

The rational for each of the proposed remedial investigation locations is provided in Table 5. The proposed remedial investigation activities will be conducted in accordance with the protocols and procedures set forth in the NYSDEC-approved Site Characterization Work Plan (Parsons, 2005).

TABLES

Table 1
Sample Summary
Cedar Street

Location	Sample ID	Depth (bgs)	TCL VOCs	TCL SVOCs	TAL Metals	Cyanide	Hydrocarbon Fingerprint	Available Cyanide	Dissolved Metals
SOIL SAMPLES									
MW-1	MW-1 (9-11)	9-11'	X	X	X	X			
	MW-1 (17-19)	17-19'	X	X	X	X			
	MW-1 (17-19)*	17-19'	X	X	X	X			
MW-2	MW-2 (7-9)	7-9'	X	X	X	X			
	MW-2 (13-15)	13-15'	X	X	X	X			
MW-3	MW-3 (14-14.5)	14-14.5'	X	X	X	X			
	MW-3 (16)	16'	X	X	X	X			
MW-5	MW-5 (2-3)	2-3'	X	X	X	X			
	MW-5 (11-13)	11-13'	X	X	X	X			
	MW-5 (13-15)	13-15'	X	X	X	X			
MW-6	MW-6 (15-17)	15-17'	X	X	X	X			
	MW-6 (17-19)	17-19'	X	X	X	X			
MW-7a	MW-7a (17-19)	17-19'	X	X	X	X			
	MW-7a (21-23)	21-23'	X	X	X	X			
SB-1	SB-1 (9-11)	9-11'	X	X	X	X			
	SB-1(11-13)	11-13'	X	X	X	X			
SB-2	SB-2 (9-11)	9-11'	X	X	X	X			
	SB-2 (23-25)	23-25'	X	X	X	X			
SB-3	SB-3 (11-13)	11-13'	X	X	X	X			
	SB-3 (13)	13'	X	X	X	X	X		
SB-4	SB-4 (13-15)	13-15'	X	X	X	X	X		
	SB-4 (21-23)	21-23'	X	X	X	X			
	SB-4 (23-25)	23-25'	X	X	X	X			
SB-5	SB-5 (19-21)	19-21'	X	X	X	X			
	SB-5 (21-23)	21-23'	X	X	X	X	X		
SB-6	SB-6 (11-13)	11-13'	X	X	X	X			
	SB-6 (19-21)	19-21'	X	X	X	X			
SB-7	SB-7 (11-13)	11-13'	X	X	X	X			
	SB-7 (15-17)	15-17'	X	X	X	X			
SB-9	SB-9 (7-9)	7-9'	X	X	X	X			
SB-10	SB-10 (19-21)	19-21'	X	X	X	X			
SB-11	SB-11 (17-19)	17-19'	X	X	X	X			
	SB-11 (19-21)	19-21'	X	X	X	X			
SB-12	SB-12 (11-13)	11-13'	X	X	X	X			
	SB-12 (17-19)	17-19'	X	X	X	X	X		
SB-13	SB-13 (11-13)	11-13'	X	X	X	X			
	SB-13 (13-15)	13-15'	X	X	X	X	X		
SB-14	SB-14 (9-11)	9-11'	X	X	X	X			
	SB-14 (23-25)	23-25'	X	X	X	X			
SB-15	SB-15 (13-15)	13-15'	X	X	X	X			
	SB-15 (15-17)	15-17'	X	X	X	X			
TP-1	TP-1 (2-3)	2-3'	X	X	X	X			
	TP-1 (6)	6'	X	X	X	X			
TP-2	TP-2 (2-3)	2-3'	X	X	X	X			
	TP-2 (3-4)	3-4'	X	X	X	X			
	TP-2 (10.5)	10.5'	X	X	X	X			
TP-3	TP-3 (1-3)	1-3'	X	X	X	X			
	TP-3 (3)	3'	X	X	X	X			
TP-4	TP-4 (5.7)	5.7'	X	X	X	X			
	TP-4 (7.5)	7.5'	X	X	X	X			
TP-5	TP-5 (2.4)	2.4'	X	X	X	X			
	TP-5 (12.5)	12.5'	X	X	X	X			
	TP-5 (12.5)*	12.5'	X	X	X	X			
TP-6	TP-6 (2.5-3.5)	2.5-3.5'	X	X	X	X			
	TP-6 (6-7)BP	6-7'	X	X	X	X			
	TP-6 (9.5)	9.5'	X	X	X	X			
TP-7	TP-7 (7-9)IH	7-9'	X	X	X	X			
	TP-7 (9)IH	9'	X	X	X	X			
	TP-7 (9)OH	9'	X	X	X	X			

Table 1
Sample Summary
Cedar Street

Location	Sample ID	Depth (bgs)	TCL VOCs	TCL SVOCs	TAL Metals	Cyanide	Hydrocarbon Fingerprint	Available Cyanide	Dissolved Metals
GROUNDWATER SAMPLES									
MW-1	MW-1	NA	X	X	X	X		X	X
MW-2	MW-2	NA	X	X	X	X		X	X
MW-3	MW-3	NA	X	X	X	X		X	X
MW-5	MW-5	NA	X	X	X	X		X	X
M W-6	M W-7	NA	X	X	X	X		X	X
MW-7A	MW-7A	NA	X	X	X	X		X	X
MW-7B	MW-7B	NA	X	X	X	X		X	
MW-T3	MW-T3	NA	X	X	X	X	X	X	X
MW-T300	MW-T300*	NA	X	X	X	X		X	X

* Indicates a duplicate sample.
BP - Beneath pipe
IH - Inside Holder
OH - Outside Holder

Table 2
Validated Subsurface Soil Analytical Data
Detected Compound Summary
Ceder Street

Consolidated Edison Cedar Street Validated Soil Analytical Data Detected Compound Summary		Unrestricted Use Soil Cleanup Objectives	Sample ID Lab Sample Id Depth: Source SDG Matrix Sampled Validated: UNITS:	MW-1 (9-11) Z5873-02 9-11' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-1(17-19) Z5873-03 17-19' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	Dup of MW-1(17-19) MW-100(17-19) Z5873-04 17-19' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-2 (7-9) Z5873-07 7-9' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-2(13-15) Z5873-08 13-15' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-3(14-14.5) Z5873-05 14-14.5' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-3(16) Z5873-06 16' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-5(2-3) Z5721-04 2-3' Chemtech Z5721 SOIL 12/5/2008 3/20/2009	MW-5(11-13) Z5843-01 11-13' Chemtech Z5843 SOIL 12/12/2008 3/21/2009	MW-5(13-15) Z5843-02 13-15' Chemtech Z5843 SOIL 12/12/2008 3/21/2009	MW-6(15-17) Z5843-06 15-17' Chemtech Z5843 SOIL 12/12/2008 3/21/2009	MW-6(17-19) Z5843-07 17-19' Chemtech Z5843 SOIL 12/12/2008 3/21/2009
CAS NO	COMPOUND														
	VOLATILES														
67-64-1	Acetone	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.12 J**	ND	ND
71-43-2	Benzene	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethyl Benzene	1	mg/Kg	ND	ND	ND	ND	0.22	ND	ND	ND	ND	0.0057 J	ND	0.022 J
98-82-8	Isopropylbenzene	NS	mg/Kg	ND	ND	ND	ND	0.063	ND	ND	ND	0.3	0.024 J	ND	0.06
108-87-2	Methylcyclohexane	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	0.089	ND	ND	0.018 J
100-42-5	Styrene	NS	mg/Kg	ND	ND	ND	ND	0.017 J	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	0.016 J	ND	ND	0.011 J
136777-61-2	m/p-Xylenes	0.26	mg/Kg	ND	ND	ND	ND	0.23 J	ND	ND	ND	ND	0.018 J	ND	0.032 J
1330-20-7	o-Xylene	0.26	mg/Kg	ND	ND	ND	ND	**0.37**	ND	ND	ND	ND	0.013 J	ND	ND
	Total VOCs	NS	mg/Kg	ND	ND	ND	ND	0.9	ND	ND	ND	0.405	0.1807	ND	0.143
	SEMIVOLATILES														
98-86-2	Acetophenone	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-52-7	Benzaldehyde	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	NS	mg/Kg	ND	ND	ND	2.7 J	0.86 J	ND	ND	4 J	ND	ND	0.056 J	0.52
111-44-4	bis(2-Chloroethyl)ether	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	NS	mg/Kg	0.04 J	0.16 J	0.22 J	ND	ND	ND	ND	ND	1.4 J	2.1 J	0.28 J	ND
86-74-8	Carbazole	NS	mg/Kg	ND	ND	ND	18 J	2.1 J	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	NS	mg/Kg	ND	ND	ND	44	5.4 J	ND	ND	1.5 J	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
121-14-2	2,4-Dinitrotoluene	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
87-86-5	3+4-Methylphenols	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
621-64-7	2-Nitrouniline	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
98-95-3	Nitrobenzene	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PAHs														
83-32-9	Acenaphthene	20	mg/Kg	ND	ND	ND	13 J	1.4 J	ND	ND	11	0.44 J	ND	ND	0.098 J
208-96-8	Acenaphthylene	100	mg/Kg	ND	ND	ND	45	4.9 J	ND	ND	12	ND	0.38 J	ND	ND
120-12-7	Anthracene	100	mg/Kg	ND	ND	ND	100	12	ND	ND	12	0.43 J	0.53 J	ND	ND
120-12-7	Benzo(a)anthracene	1	mg/Kg	ND	ND	ND	**160**	**13**	ND	ND	**16**	0.78 J	**1.6 J**	0.04 J	ND
50-32-8	Benzo(a)pyrene	1	mg/Kg	ND	ND	ND	**95**	**9.3**	ND	ND	**19 J**	R	0.67 J	ND	ND
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	0.039 J	ND	ND	**150**	**14**	ND	**1.1 J**	**25 J**	R	**1.5 J**	ND	ND
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	ND	ND	ND	54	3 J	ND	ND	9.4 J	R	R	ND	ND
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	ND	ND	ND	**48**	**5.2 J**	ND	ND	**6.8 J**	R	0.55 J	ND	ND
218-01-9	Chrysene	1	mg/Kg	ND	ND	ND	**130**	**12**	ND	ND	**16 J**	0.76 J	**1.3 J**	0.11 J	ND
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	ND	ND	ND	**15 J**	**1.1 J**	ND	ND	ND	R	R	ND	ND
206-44-0	Fluoranthene	100	mg/Kg	ND	ND	ND	**310**	29	ND	1.3 J	55	1.9 J	3.4 J	0.07 J	ND
86-73-7	Fluorene	30	mg/Kg	ND	ND	ND	**85**	9.5	ND	ND	10	0.6 J	0.47 J	0.071 J	0.17 J
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	ND	ND	ND	**43**	**2.3 J**	ND	ND	**4.4 J**	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	mg/Kg	ND	ND	ND	21 J	3.7 J	ND	1.1 J	2.1 J	9	5.4	3.2	6.1
91-20-3	Naphthalene	12	mg/Kg	ND	ND	ND	**15 J**	4.5 J	ND	ND	5.5 J	ND	0.52 J	0.72	2
85-01-8	Phenanthrene	100	mg/Kg	ND	ND	0.048 J	**350**	34	ND	0.8 J	49	2.3 J	3.2 J	0.13 J	0.34 J
129-00-0	Pyrene	100	mg/Kg	ND	ND	ND	**280**	25	ND	1.6 J	60 J	2.9 J	4.1 J	0.15 J	ND
	Total PAHs	NS	mg/Kg	0.039	ND	0.048	1914	183.9	ND	5.9	313.2	19.11	23.62	4.491	8.708
	Total SVOCs	NS	mg/Kg	0.079	0.16	0.268	1978.7	192.26	ND	5.9	318.7	20.51	25.72	4.827	9.228

Notes
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(5) R indicates result was rejected based on validation
(6) Shaded values exceed 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives.

Table 2
Validated Subsurface Soil Analytical Data
Detected Compound Summary
Cedar Street

Consolidated Edison Cedar Street Validated Soil Analytical Data Detected Compound Summary		Unrestricted Use Soil Cleanup Objectives	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-1 (9-11) Z5873-02 9-11' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-1(17-19) Z5873-03 17-19' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	Dup of MW-1(17-19) MW-100(17-19) Z5873-04 17-19' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-2 (7-9) Z5873-07 7-9' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-2(13-15) Z5873-08 13-15' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-3(14-14.5) Z5873-05 14-14.5' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW-3(16) Z5873-06 16' Chemtech Z5873 SOIL 12/15/2008 3/21/2009	MW- 5(2-3) Z5721-04 2-3' Chemtech Z5721 SOIL 12/5/2008 3/20/2009	MW-5(11-13) Z5843-01 11-13' Chemtech Z5843 SOIL 12/12/2008 3/21/2009	MW-5(13-15) Z5843-02 13-15' Chemtech Z5843 SOIL 12/12/2008 3/21/2009	MW-6(15-17) Z5843-06 15-17' Chemtech Z5843 SOIL 12/12/2008 3/21/2009	MW-6(17-19) Z5843-07 17-19' Chemtech Z5843 SOIL 12/12/2008 3/21/2009
CAS NO.	COMPOUND														
	INORGANICS														
7429-90-5	Aluminum	NS	mg/Kg	20900	9930	8840	12800	11800	22200	8770	8930	16200	14500	13100	18500
7440-36-0	Antimony	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	1.34 J	1.19 J	ND	1.38 J
7440-38-2	Arsenic	13	mg/Kg	ND	ND	ND	1.06	ND	ND	0.963	4.59	1.8	1.64	1.06	1.64
7440-39-3	Barium	350	mg/Kg	249	95.5	83.5	66.8	108	305	103	111	116	138	138	191
7440-41-7	Beryllium	7.2	mg/Kg	0.46	0.23	0.229	0.39	0.245	0.39	0.232	0.29	0.339	0.264	0.209 J	0.122 J
7440-43-9	Cadmium	2.5	mg/Kg	ND	ND	ND	ND	ND	ND	ND	0.545	2.07	2.05	1.82	2.77
7440-70-2	Calcium	NS	mg/Kg	5280	ND	ND	3150	ND	6220	47100	18600	1790	3640	1770	1490
7440-47-3	Chromium	NS	mg/Kg	71.2	27.5	25.4	22.4	27.5	46.5	33	97.1	63.3	50.7	35	41.4
7440-48-4	Cobalt	NS	mg/Kg	11.3	9.26	8.52	7.97	10.6	22.4	6.93	8.24	12.3	13.3	12.2	19.9
7440-50-8	Copper	50	mg/Kg	57.9	28	28.2	22.7	36.2	43.9	36.9	88.9	21.1	24.8	31.1	14.8
7439-89-6	Iron	NS	mg/Kg	34800	18000	17600	17800	19900	39600	15800	22100	23600	23600	22000	33400
7439-92-1	Lead	63	mg/Kg	5.28	8.64	4.24	88.8	19.8	10.8	40.3	99.4	16.7	24.9	5.88	2.98
7439-95-4	Magnesium	NS	mg/Kg	12900	3970	3480	3260	4250	13800	30500	5990	5540	5680	5410	9270
7439-96-5	Manganese	1600	mg/Kg	423	390	366	455	267	628	261	308	420	612	422	521
7439-97-6	Mercury	0.18	mg/Kg	0.009	ND	ND	0.044	0.03	0.151	0.259	0.456	0.187	0.074	ND	ND
7440-02-0	Nickel	30	mg/Kg	14.8	19.4	17.7	16.1	19.7	44	22.7	58.7	29.9	33.3	24	32.3
7440-09-7	Potassium	NS	mg/Kg	7680	4180	3690	1360	4770	15800	4670	3180	5740	6580	6020	13100
7782-49-2	Selenium	3.9	mg/Kg	1.1	ND	ND	0.918	1	1.25	0.688	1.05	1.08	0.803	ND	0.748 J
7440-22-4	Silver	2	mg/Kg	3.64	1.89	1.78	1.94	2.1	4.18	1.69	3.66	2.35	2.81	2.21	3.4
7440-23-5	Sodium	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	198	169	196	118	157
7440-28-0	Thallium	NS	mg/Kg	2.96	0.747	ND	ND	1.06	3.35	0.816	ND	1.29 J	1.2 J	0.903 J	2.32
7440-62-2	Vanadium	NS	mg/Kg	67.9	30.8	30.2	31.9	34.5	64.5	27	30.4	43.2	40	36.2	57.5
7440-66-6	Zinc	109	mg/Kg	67.6	32.8	28.6	34.9	40.3	89.6	53	143	51.7	66.4	45	71.1
57-12-5	Cyanide	27	mg/Kg	ND	ND	ND	1.24	ND	ND	ND	1.29	ND	ND	ND	ND

Notes:
(1) 6NYCRR Part 375 Environmental Remediation Programs (December 14, 2006)
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(6) Shaded values exceed 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

Table 2
Validated Subsurface Soil Analytical Data
Detected Compound Summary
Ceder Street

Consolidated Edison Cedar Street Validated Soil Analytical Data Detected Compound Summary		Unrestricted Use Soil Cleanup Objectives	Sample ID Lab Sample Id: Depth: Source SDG Matrix: Sampled: Validated	MW-7A(17-19) A1051-02 17-19' Chemtech A1051 SOIL 1/7/2009 3/24/2009	MW-7A(21-23) A1051-03 21-23' Chemtech A1051 SOIL 1/7/2009 3/24/2009	SB- 1 (9-11) Z5893-03 9-11' Chemtech Z5893 SOIL 12/16/2008 3/22/2009	SB- 1(11-13) Z5893-04 11-13' Chemtech Z5893 SOIL 12/16/2008 3/22/2009	SB- 2 (9-11) Z5893-05 9-11' Chemtech Z5893 SOIL 12/16/2008 3/22/2009	SB- 2(23-25) Z5893-06 23-25' Chemtech Z5893 SOIL 12/16/2008 3/22/2009	SB- 3(11-13) Z5924-04 11-13' Chemtech Z5924 SOIL 12/17/2008 3/22/2009	SB- 3(13) Z5924-05 13' Chemtech Z5924 SOIL 12/17/2008 3/22/2009	SB- 4(13-15) Z5959-04 13-15' Chemtech Z5959 SOIL 12/21/2008 3/24/2009	SB- 4(21-23) Z5959-05 21-23' Chemtech Z5959 SOIL 12/21/2008 3/24/2009	SB- 4(23-25) Z5959-06 23-25' Chemtech Z5959 SOIL 12/21/2008 3/24/2009	SB- 5(19-21) A1013-05 19-21' Chemtech A1013 SOIL 1/4/2009 3/24/2009
CAS NO.	COMPOUND		UNITS:													
	VOLATILES															
67-64-1	Acetone	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
71-43-2	Benzene	0.06	mg/Kg	0.17 J	0.0071 J	ND	ND	ND	ND	2.8 J	1600	0.056	2.5	0.24	0.052	
110-82-7	Cyclohexane	NS	mg/Kg	0.71	ND	ND	ND	ND	ND	0.26	30	ND	ND	ND	ND	
100-41-4	Ethyl Benzene	1	mg/Kg	5.4	0.02 J	ND	ND	ND	ND	9.4 J	3500	ND	11	0.11	ND	
98-82-8	Isopropylbenzene	NS	mg/Kg	0.6 J	0.0078 J	ND	ND	ND	ND	1.2 J	54 J	ND	0.87	0.016 J	ND	
108-87-2	Methylcyclohexane	NS	mg/Kg	3.7	ND	ND	ND	ND	ND	0.62	170 J	ND	0.094	ND	ND	
100-42-5	Styrene	NS	mg/Kg	ND	ND	ND	ND	ND	ND	0.16	1500	ND	0.015 J	ND	ND	
108-88-3	Toluene	0.7	mg/Kg	0.35 J	ND	ND	ND	ND	ND	2 J	3000	ND	2.6	0.099	ND	
136777-61-2	m/p-Xylenes	0.26	mg/Kg	6.4	0.03 J	ND	ND	ND	ND	6 J	2400	0.019 J	13	0.2	ND	
1330-20-7	o-Xylene	0.26	mg/Kg	4.5	0.02 J	ND	ND	ND	ND	3.4 J	1000	ND	5.3	0.085	ND	
	Total VOCs	NS	mg/Kg	21.82	0.0849	ND	ND	ND	ND	25.84	13254	0.075	35.379	0.75	0.052	
	SEMIVOLATILES															
98-86-2	Acetophenone	NS	mg/Kg	ND	ND	ND	ND	ND	ND	0.014 J	ND	ND	ND	ND	ND	
100-52-7	Benzaldehyde	NS	mg/Kg	ND	ND	ND	ND	ND	ND	0.014 J	ND	ND	ND	ND	ND	
92-52-4	1,1-Biphenyl	NS	mg/Kg	1.7 J	ND	ND	ND	ND	ND	0.68	65	ND	ND	1.1 J	ND	
111-44-4	bis(2-Chloroethyl)ether	NS	mg/Kg	ND	ND	ND	ND	ND	ND	0.01 J	ND	ND	ND	ND	ND	
117-81-7	Bis(2-ethylhexyl)phthalate	NS	mg/Kg	ND	ND	0.047 J	0.044 J	0.1 J	0.54	0.026 J	ND	ND	ND	ND	ND	
86-74-8	Carbazole	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8 J	3.9 J	ND	
132-64-9	Dibenzofuran	NS	mg/Kg	ND	ND	ND	ND	ND	ND	0.013 J	11 J	ND	3.7 J	6 J	ND	
105-67-9	2,4-Dimethylphenol	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
121-14-2	2,4-Dinitrotoluene	NS	mg/Kg	ND	ND	ND	ND	ND	ND	0.028 J	ND	ND	ND	ND	ND	
87-86-5	3-4-Methylphenols	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
621-64-7	2-Nitroaniline	NS	mg/Kg	ND	ND	ND	ND	ND	ND	0.034 J	ND	ND	ND	ND	ND	
98-95-3	Nitrobenzene	NS	mg/Kg	ND	ND	ND	ND	ND	ND	0.02 J	ND	ND	ND	ND	ND	
	PAHs															
83-32-9	Acenaphthene	20	mg/Kg	2 J	0.72 J	ND	ND	ND	ND	1.6	18	ND	4.3 J	6.6 J	ND	
208-96-8	Acenaphthylene	100	mg/Kg	1.6 J	2.3 J	ND	ND	ND	ND	1.1	170	ND	ND	ND	ND	
120-12-7	Anthracene	100	mg/Kg	1.3 J	0.93 J	ND	0.085 J	ND	ND	0.36 J	30 J	ND	6 J	9.5	ND	
120-12-7	Benzo(a)anthracene	1	mg/Kg	1.6 J	3.2 J	ND	0.14 J	ND	ND	0.26 J	15 J	ND	7.2 J	10	1 J	
50-32-8	Benzo(a)pyrene	1	mg/Kg	1.9 J	4	ND	0.081 J	ND	ND	R	11 J	ND	5.4 J	8 J	ND	
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	1.9 J	4	ND	0.1 J	ND	ND	R	6.3 J	ND	8.6	12	0.94 J	
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	1.6 J	3.5 J	ND	0.044 J	ND	ND	R	8.5 J	ND	2.8 J	4.6 J	ND	
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	0.71 J	1.7 J	ND	0.049 J	ND	ND	R	2.3 J	ND	2.8 J	3.7 J	ND	
218-01-9	Chrysene	1	mg/Kg	1.5 J	3.1 J	ND	0.1 J	ND	ND	0.13 J	7.4 J	ND	6.2 J	8.7	ND	
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	ND	0.5 J	ND	ND	ND	ND	R	R	ND	ND	0.82 J	ND	
206-44-0	Fluoranthene	100	mg/Kg	3.1 J	6.5	ND	0.26 J	ND	0.05 J	0.32 J	46 J	ND	19	27	2.1 J	
86-73-7	Fluorene	30	mg/Kg	1.5 J	0.78 J	ND	0.045 J	ND	ND	0.39	35	ND	5.6 J	9.1	ND	
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	1.1 J	2.5 J	ND	0.041 J	ND	ND	ND	1.7 J	ND	2.1 J	3 J	ND	
91-57-6	2-Methylnaphthalene	NS	mg/Kg	4.1 J	0.7 J	ND	ND	ND	ND	1.6	110	ND	3.1 J	4.3 J	ND	
91-20-3	Naphthalene	12	mg/Kg	16	0.89 J	ND	ND	ND	ND	11	5700	6.5 J	11	18	4.2 J	
85-01-8	Phenanthrene	100	mg/Kg	5.4	5.3	ND	0.19 J	ND	0.043 J	2	91	ND	25	38	1.8 J	
129-00-0	Pyrene	100	mg/Kg	4	9	ND	0.22 J	ND	0.045 J	0.96 J	65	ND	16	23	1.8 J	
	Total PAHs	NS	mg/Kg	49.11	49.62	ND	1.355	ND	0.138	19.72	6317.2	6.5	125.1	186.32	11.84	
	Total SVOCs	NS	mg/Kg	50.81	49.62	0.047	1.399	0.1	0.678	20.559	6383.3	6.5	130.6	197.32	11.84	

Notes:
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Table 2
Validated Subsurface Soil Analytical Data
Detected Compound Summary
Cedar Street

Consolidated Edison Cedar Street Validated Soil Analytical Data Detected Compound Summary		Unrestricted Use Soil Cleanup Objectives	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-7A(17-19) A1051-02 17-19' Chemtech A1051 SOIL 1/7/2009 3/24/2009	MW-7A(21-23) A1051-03 21-23' Chemtech A1051 SOIL 1/7/2009 3/24/2009	SB- 1 (9-11) Z5893-03 9-11' Chemtech Z5893 SOIL 12/16/2008 3/22/2009	SB- 1(11-13) Z5893-04 11-13' Chemtech Z5893 SOIL 12/16/2008 3/22/2009	SB- 2 (9-11) Z5893-05 9-11' Chemtech Z5893 SOIL 12/16/2008 3/22/2009	SB- 2(23-25) Z5893-06 23-25' Chemtech Z5893 SOIL 12/16/2008 3/22/2009	SB- 3(11-13) Z5924-04 11-13' Chemtech Z5924 SOIL 12/17/2008 3/22/2009	SB- 3(13) Z5924-05 13' Chemtech Z5924 SOIL 12/17/2008 3/22/2009	SB- 4(13-15) Z5959-04 13-15' Chemtech Z5959 SOIL 12/21/2008 3/24/2009	SB- 4(21-23) Z5959-05 21-23' Chemtech Z5959 SOIL 12/21/2008 3/24/2009	SB- 4(23-25) Z5959-06 23-25' Chemtech Z5959 SOIL 12/21/2008 3/24/2009	SB- 5(19-21) A1013-05 19-21' Chemtech A1013 SOIL 1/4/2009 3/24/2009
CAS NO	COMPOUND															
	INORGANICS															
7429-90-5	Aluminum	NS	mg/Kg	7830	11700	14500	12300	11600	7960	14100	19100	2480 J	5120 J	5590 J	10500
7440-36-0	Antimony	NS	mg/Kg	ND	1.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-38-2	Arsenic	13	mg/Kg	3.39	5.03	1.11	ND	2.1	ND	ND	1.62	0.626 J	1.52	0.839	1.11
7440-39-3	Barium	350	mg/Kg	74.8	180	106	112	58.9	77.9	174	237	39.2 J	41.1 J	86.5 J	81.2
7440-41-7	Beryllium	7.2	mg/Kg	0.11 J	0.118 J	0.329	0.228	0.38	0.158	0.184 J	0.356	0.057 J	0.146 J	0.097 J	0.146 J
7440-43-9	Cadmium	2.5	mg/Kg	0.252	0.439	1.3	0.955	1.06	0.773	ND	ND	0.215 J	0.306	0.51	ND
7440-70-2	Calcium	NS	mg/Kg	5260	7750	ND	ND	ND	ND	627	2090	4010 J	17000 J	6410 J	4400
7440-47-3	Chromium	NS	mg/Kg	31.1	69.3	33.5	33.5	29.1	22.4	51.5	40.9	8.12 J	6.34 J	13.7 J	17.7
7440-48-4	Cobalt	NS	mg/Kg	7.49	13.2	11.9	11.7	8.17	8.13	10.9	14.6	3.25	3.5	5.82	9.81
7440-50-8	Copper	50	mg/Kg	26.5	47.9	22.5	15.3	18.1	25.3	31.9	**58.3**	**57.5**	8.41	30.7	29.8
7439-89-6	Iron	NS	mg/Kg	18300	24600	20000	18500	21500	15500	23100	30200	5120 J	9020 J	11500 J	29300
7439-92-1	Lead	63	mg/Kg	8.84	17	5.6	4.59	7.65	7.32	3.16	**193**	17.7	18.9	47.8	12.5
7439-95-4	Magnesium	NS	mg/Kg	3680	6480	4890	5250	3400	3530	7750	9570	2110 J	17300 J	3830 J	4480
7439-96-5	Manganese	1600	mg/Kg	169	346	502	316	232	265	401	531	89.1 J	638 J	195 J	312
7439-97-6	Mercury	0.18	mg/Kg	0.049	ND	ND	ND	ND	ND	ND	0.142	0.072	0.019	0.052	**0.192**
7440-02-0	Nickel	30	mg/Kg	24	**52.8**	22.6	24.8	13.1	15.4	19.8	23.5	3.92	7.02	8.72	13.8
7440-09-7	Potassium	NS	mg/Kg	3120	7850	3840	5050	1690	4030	11100	12400	1020	1240	2610	4220
7782-49-2	Selenium	3.9	mg/Kg	ND	ND	ND	ND	ND	ND	0.9	2.1	ND	ND	ND	1.72
7440-22-4	Silver	2	mg/Kg	**3.3**	**4.38**	**3.61**	**3.37**	**3.97**	**2.75**	**2.49**	**3.25**	0.329 J	0.423	0.681	**4.5**
7440-23-5	Sodium	NS	mg/Kg	ND	ND	ND	ND	ND	ND	156	287	115	164	169	222
7440-28-0	Thallium	NS	mg/Kg	ND	ND	ND	ND	ND	ND	1.98	2.4	ND	ND	ND	1.24 J
7440-62-2	Vanadium	NS	mg/Kg	24.9	34.5	33.9	31.8	41.2	26.3	47.7	63.4	8.8	11.3	18.8	28.1
7440-66-6	Zinc	109	mg/Kg	38.7	68.3	40.8	38.9	36.7	35.2	50.7	**125**	107 J	19.7 J	103 J	55.5
57-12-5	Cyanide	27	mg/Kg	ND	1.48	ND	ND	ND	ND	ND	ND	ND	26	ND	ND

Notes:
(1) 6NYCRR Part 375 Environmental Remediation Programs (December 14, 2006)
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Table 2
Validated Subsurface Soil Analytical Data
Detected Compound Summary
Cedar Street

Consolidated Edison Cedar Street Validated Soil Analytical Data Detected Compound Summary			Sample ID:	SB- 5(21-23)	SB- 6(11-13)	SB- 6(19-21)	SB- 7(11-13)	SB- 7(15-17)	SB- 9 (7-9)	SB-10(19-21)	SB-11(17-19)	SB-11(19-21)	SB-12(11-13)	SB-12(17-19)	SB-13(11-13)
			Lab Sample Id:	A1013-06	A1013-07	A1013-08	A1013-02	A1013-04	Z5893-02	A1013-03	Z5959-02	Z5959-03	Z5931-03	Z5931-04	Z5893-07
			Depth:	21-23'	11-13'	19-21'	11-13'	15-17'	7-9'	19-21'	17-19'	19-21'	11-13'	17-19'	11-13'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A1013	A1013	A1013	A1013	A1013	Z5893	A1013	Z5959	Z5959	Z5931	Z5931	Z5893
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Unrestricted Use	Sampled:	1/4/2009	1/4/2009	1/4/2009	1/4/2009	1/4/2009	12/16/2008	1/4/2009	12/21/2008	12/21/2008	12/18/2008	12/18/2008	12/16/2008
		Soil Cleanup	Validated	3/24/2009	3/24/2009	3/24/2009	3/24/2009	3/24/2009	3/22/2009	3/24/2009	3/24/2009	3/24/2009	3/23/2009	3/23/2009	3/22/2009
CAS NO.	COMPOUND	Objectives	UNITS:												
	VOLATILES														
67-64-1	Acetone	0.05	mg/Kg	ND	ND	ND	ND	ND	0.22	ND	ND	ND	ND	ND	0.11 J
71-43-2	Benzene	0.06	mg/Kg	0.082	0.46 J	ND	6.1	ND	ND	0.34	0.28	0.088	ND	0.2 J	ND
110-82-7	Cyclohexane	NS	mg/Kg	ND	2.8	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND
100-41-4	Ethyl Benzene	1	mg/Kg	0.021 J	46	0.057	44	0.48 J	ND	0.033	0.26	0.14	0.64	67	ND
98-82-8	Isopropylbenzene	NS	mg/Kg	ND	11 J	0.037	2.4 J	ND	ND	0.032	0.028 J	0.012 J	1.6	14 J	ND
108-87-2	Methylcyclohexane	NS	mg/Kg	ND	35	0.025 J	0.56 J	ND	ND	0.049	ND	ND	1.9	24	ND
100-42-5	Styrene	NS	mg/Kg	ND	0.45 J	ND	9.1	ND	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	0.012 J	1	ND	44	0.23 J	ND	ND	0.012 J	0.047	0.024 J	1.1	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	0.023 J	18	0.043 J	120	1.2 J	ND	0.034 J	0.12	0.09	0.018 J	12 J	ND
1330-20-7	o-Xylene	0.26	mg/Kg	0.016 J	15	0.046	49	0.59 J	ND	0.038	0.12	0.055	0.32	33	ND
	Total VOCs	NS	mg/Kg	0.154	129.71	0.208	275.16	2.5	0.22	0.526	0.82	0.432	4.702	151.3	0.11
	SEMIVOLATILES														
98-86-2	Acetophenone	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-52-7	Benzaldehyde	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	NS	mg/Kg	ND	25	2.1	18	1.2 J	ND	0.12 J	ND	0.24 J	8.1	7	1.5 J
111-44-4	bis(2-Chloroethyl)ether	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	NS	mg/Kg	ND	ND	0.12 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	NS	mg/Kg	ND	3.7 J	0.3 J	23	2.1	ND	0.18 J	0.2 J	0.37 J	ND	0.21 J	ND
132-64-9	Dibenzofuran	NS	mg/Kg	ND	9.7	0.66	61	4.5	ND	0.4	0.52 J	0.73 J	0.34 J	0.54 J	ND
105-67-9	2,4-Dimethylphenol	NS	mg/Kg	ND	ND	ND	3.3 J	ND	ND	ND	ND	ND	ND	ND	ND
121-14-2	2,4-Dinitrotoluene	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
87-86-5	3+4-Methylphenols	0.33	mg/Kg	ND	ND	ND	0.96 J	ND	ND	ND	ND	ND	ND	ND	ND
621-64-7	2-Nitrosoaniline	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
98-95-3	Nitrobenzene	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PAHs														
83-32-9	Acenaphthene	20	mg/Kg	0.35 J	97	8.2	46	1.2	ND	0.35 J	0.49 J	0.72 J	25	15	2.2
208-96-8	Acenaphthylene	100	mg/Kg	ND	7.7	0.61	40	5.3	ND	0.32 J	ND	ND	3.6	1.1	0.87 J
120-12-7	Anthracene	100	mg/Kg	0.26 J	42	4.5	67	7.5	0.99 J	0.43	0.59 J	1.1 J	7	4.5	1 J
120-12-7	Benzo(a)anthracene	1	mg/Kg	0.39 J	32	2.7	66	15	3.2 J	0.41	0.3 J	1.1 J	5.3	4.3	0.6 J
50-32-8	Benzo(a)pyrene	1	mg/Kg	0.26 J	28	2.2	43	11	3 J	0.28 J	0.21 J	0.8 J	4.3	3.2	0.52 J
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	0.4 J	30	2.5	60	15	3.7 J	0.39	0.3 J	1.2 J	3.8	3.6	0.42 J
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	0.23 J	22	1.5	29	7.7	1.9 J	0.16 J	ND	0.37 J	2.2	1.4	0.4 J
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	ND	7.7	0.72	19	5.9	1.6 J	0.12 J	ND	0.39 J	1.2 J	0.9	ND
218-01-9	Chrysene	1	mg/Kg	0.33 J	24	2.2	49	11	3.1 J	0.31 J	0.3 J	1 J	4.8	3.7	0.53 J
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	ND	3.1 J	0.19 J	7.8 J	1.8 J	ND	0.049 J	ND	ND	0.55 J	0.39 J	ND
206-44-0	Fluoranthene	100	mg/Kg	0.79 J	90	7.4	150	34	6.5 J	0.89	1.2 J	3	9.7	8.6	1.8 J
86-73-7	Fluorene	30	mg/Kg	0.29 J	51	4.1	83	7.3	ND	0.55	0.68 J	1.1 J	9.6	6.6	1.4 J
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	ND	13	0.79	28	5.9	1.5 J	0.14 J	ND	0.35 J	2 J	1.4	0.25 J
91-57-6	2-Methylnaphthalene	NS	mg/Kg	ND	41	3.3	97	6	ND	0.76	0.37 J	0.77 J	0.25 J	7.8	2.9
91-20-3	Naphthalene	12	mg/Kg	0.75 J	410	8.7	410	23	ND	3	0.95 J	3.8	0.55 J	67	9.3
85-01-8	Phenanthrene	100	mg/Kg	0.86 J	190	16	210	19	3.4 J	1.3	2.6	4.6	28	18	4.6
129-00-0	Pyrene	100	mg/Kg	0.78 J	110	9.4	120	27	5.6 J	0.74	0.94 J	2.7	15	11	2.4
	Total PAHs	NS	mg/Kg	5.69	898.5	75.01	1524.8	205.6	34.49	10.199	8.93	23	122.85	158.49	29.19
	Total SVOCs	NS	mg/Kg	5.69	936.9	78.19	1631.06	213.4	34.49	10.899	9.65	24.34	131.29	166.24	30.69

Notes:
(1) 6NYCRR Part 375 Environmental Remediation Programs (December 14, 2006)
(2) -- indicates no cleanup objective or background level is available.
(3) ND indicates compound was not detected.
(4) J indicates an estimated concentration
(5) R indicates result was rejected based on validation
(6) Shaded values exceed 6NYCRR Part 375 Unrestricted Use Soil Cleanup Object

Table 2
Validated Subsurface Soil Analytical Data
Detected Compound Summary
Ceder Street

Consolidated Edison Cedar Street Validated Soil Analytical Data Detected Compound Summary															
			Sample ID:	SB- 5(21-23)	SB- 6(11-13)	SB- 6(19-21)	SB- 7(11-13)	SB- 7(15-17)	SB- 9 (7-9)	SB-10(19-21)	SB-11(17-19)	SB-11(19-21)	SB-12(11-13)	SB-12(17-19)	SB-13(11-13)
			Lab Sample Id	A1013-06	A1013-07	A1013-08	A1013-02	A1013-04	Z5893-02	A1013-03	Z5959-02	Z5959-03	Z5931-03	Z5931-04	Z5893-07
			Depth:	21-23'	11-13'	19-21'	11-13'	15-17'	7-9'	19-21'	17-19'	19-21'	11-13'	17-19'	11-13'
			Source	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A1013	A1013	A1013	A1013	A1013	Z5893	A1013	Z5959	Z5959	Z5931	Z5931	Z5893
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Unrestricted Use	Sampled:	1/4/2009	1/4/2009	1/4/2009	1/4/2009	1/4/2009	12/16/2008	1/4/2009	12/21/2008	12/21/2008	12/18/2008	12/18/2008	12/16/2008
		Soil Cleanup	Validated:	3/24/2009	3/24/2009	3/24/2009	3/24/2009	3/24/2009	3/22/2009	3/24/2009	3/24/2009	3/24/2009	3/23/2009	3/23/2009	3/22/2009
CAS NO	COMPOUND	Objectives	UNITS:												
	INORGANICS														
7429-90-5	Aluminum	NS	mg/Kg	9820	11600	9140	10500	7700	8360	9650	5140 J	4460 J	14100	6830	12800
7440-36-0	Antimony	NS	mg/Kg	ND	ND	ND	ND	ND	1.28	ND	ND	ND	ND	ND	ND
7440-38-2	Arsenic	13	mg/Kg	0.614 J	1.1	ND	1.97	0.731 J	28.1	0.838	ND	ND	ND	ND	1.98
7440-39-3	Barium	350	mg/Kg	97.8	104	110	79.1	69.1	141	82.8	44.3 J	43.9 J	77.9	71.9	60.5
7440-41-7	Beryllium	7.2	mg/Kg	0.131 J	0.452	0.091 J	0.281	0.139 J	0.203	0.247	0.126 J	0.068 J	0.449	0.188 J	0.354
7440-43-9	Cadmium	2.5	mg/Kg	ND	ND	ND	ND	ND	1.76	ND	0.264	0.206 J	ND	ND	1.36
7440-70-2	Calcium	NS	mg/Kg	10200	2810	1380	2650	1730	6180	4540	1780 J	4030 J	1340	1090	ND
7440-47-3	Chromium	NS	mg/Kg	21.3	20	23.4	16.9	19.6	23.6	20.6	12 J	9.08 J	31.2	18.4	23.9
7440-48-4	Cobalt	NS	mg/Kg	10.7	8.73	8.75	7.89	7.07	8.62	7.75	5.15	4.05	29.5	7.25	10.9
7440-50-8	Copper	50	mg/Kg	32	16.3	17.2	23.4	21.9	41.5	28	11.4	8.41	33.9	22	19.8
7439-89-6	Iron	NS	mg/Kg	19200	14300	16200	21400	13200	18500	17300	8900 J	7440 J	20100	12200	26900
7439-92-1	Lead	63	mg/Kg	24.7	14	4.43	10.2	5.25	313	51.3	5.86	8.1	7.87	2.19	6.29
7439-95-4	Magnesium	NS	mg/Kg	7630	2640	4280	2460	3110	4560	3280	2090 J	2350 J	4260	2680	3460
7439-96-5	Manganese	1600	mg/Kg	299	301	261	229	151	247	301	231 J	183 J	175	139	258
7439-97-6	Mercury	0.18	mg/Kg	0.525	0.224	ND	0.05	0.013	0.394	0.062	0.073	0.034	0.021	ND	ND
7440-02-0	Nickel	30	mg/Kg	15.7	11.3	15.8	13.9	13.4	17.1	13.4	7.63	6.74	41.2	16.4	15.2
7440-09-7	Potassium	NS	mg/Kg	5640	826	6010	2130	2600	3010	2730	1800	1800	1940	3250	2310
7782-49-2	Selenium	3.9	mg/Kg	0.698 J	1.22	0.995	1.81	0.941	ND	1.08	ND	ND	0.934	0.8	ND
7440-22-4	Silver	2	mg/Kg	2.87	2.2	2.47	3.08	2.01	3.47	2.67	0.487	0.418	2.12	1.32	4.84
7440-23-5	Sodium	NS	mg/Kg	266	215	199	217	167	ND	359	95.8	123	120	107	ND
7440-28-0	Thallium	NS	mg/Kg	1.19 J	ND	1.55	0.809 J	ND	ND	ND	ND	ND	0.828 J	ND	ND
7440-62-2	Vanadium	NS	mg/Kg	27.2	27.6	29.2	22.4	22.4	27.9	25.7	14.9	11.6	40.1	22.7	34.2
7440-66-6	Zinc	109	mg/Kg	69.4	45	35.8	62.8	29.2	209	62.4	18.7 J	19.6 J	37.2	30.5	35.6
57-12-5	Cyanide	27	mg/Kg	4.4	2.55	ND	1.07	0.978	ND	ND	ND	ND	ND	ND	ND

Notes:
(1) 6NYCRR Part 375 Environmental Remediation Programs (December 14, 2006)
(2) -- indicates no cleanup objective or background level is available
(3) ND indicates compound was not detected
(4) J indicates an estimated concentration.
(5) R indicates result was rejected based on validation
(6) Shaded values exceed 6NYCRR Part 375 Unrestricted Use Soil Cleanup Object

Table 2
Validated Subsurface Soil Analytical Data
Detected Compound Summary
Cedar Street

Consolidated Edison Cedar Street Validated Soil Analytical Data Detected Compound Summary		Unrestricted Use Soil Cleanup Objectives	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix Sampled: Validated: UNITS:	SB-13(13-15) Z5893-08 13-15' Chemtech Z5893 SOIL 12/16/2008 3/22/2009	SB-14 (9-11) Z5924-02 9-11' Chemtech Z5924 SOIL 12/17/2008 3/22/2009	SB-14(23-25) Z5924-03 23-25' Chemtech Z5924 SOIL 12/17/2008 3/22/2009	SB-15(13-15) A1110-01 13-15' Chemtech A1110 SOIL 1/12/2009 3/25/2009	SB-15(15-17) A1110-02 15-17' Chemtech A1110 SOIL 1/12/2009 3/25/2009	TP-1 (2-3) Z5708-02 2-3' Chemtech Z5708 SOIL 12/4/2008 3/20/2009	TP-1 (6) Z5708-01 6' Chemtech Z5708 SOIL 12/4/2008 3/20/2009	TP-2 (2-3) Z5721-02 2-3' Chemtech Z5721 SOIL 12/5/2008 3/20/2009	TP-2 (3-4) Z5721-03 3-4' Chemtech Z5721 SOIL 12/5/2008 3/20/2009	TP-2(10-5) Z5721-01 10.5' Chemtech Z5721 SOIL 12/5/2008 3/20/2009	TP-3 (1-3) Z5770-02 1-3' Chemtech Z5770 SOIL 12/9/2008 3/21/2009	TP-3 (3) Z5770-01 3' Chemtech Z5770 SOIL 12/9/2008 3/21/2009
CAS NO.	COMPOUND														
	VOLATILES														
67-64-1	Acetone	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
71-43-2	Benzene	0.06	mg/Kg	0.023 J	ND	ND	750	1300	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	NS	mg/Kg	0.48	ND	ND	11 J	31 J	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethyl Benzene	1	mg/Kg	3	ND	ND	1200	2700	ND	ND	ND	ND	ND	ND	ND
98-82-8	Isopropylbenzene	NS	mg/Kg	0.35	ND	ND	28	33	ND	ND	ND	ND	ND	ND	ND
108-87-2	Methylcyclohexane	NS	mg/Kg	0.86	ND	ND	40	54	ND	ND	ND	ND	ND	ND	ND
100-42-5	Styrene	NS	mg/Kg	ND	ND	ND	80	210	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	0.015 J	ND	ND	920	1800	0.038	ND	0.014 J	ND	ND	ND	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	1.7	ND	ND	630	1300	ND	ND	ND	ND	ND	ND	ND
1330-20-7	o-Xylene	0.26	mg/Kg	0.83 J	ND	ND	330	670	ND	ND	ND	ND	ND	ND	ND
	Total VOCs	NS	mg/Kg	7.258	ND	ND	3989	8098	0.038	ND	0.014	ND	ND	ND	ND
	SEMIVOLATILES														
98-86-2	Acetophenone	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-52-7	Benzaldehyde	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	NS	mg/Kg	2.9	ND	ND	140	270	ND	ND	ND	ND	ND	ND	ND
111-44-4	bis(2-Chloroethyl)ether	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	NS	mg/Kg	ND	0.046 J	0.039 J	ND	ND	ND	ND	0.085 J	ND	ND	ND	ND
86-74-8	Carbazole	NS	mg/Kg	ND	ND	ND	ND	ND	2.1 J	0.14 J	1.2 J	0.058 J	ND	ND	ND
132-64-9	Dibenzofuran	NS	mg/Kg	ND	ND	ND	6.5 J	12 J	1.4 J	0.11 J	1 J	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
121-14-2	2,4-Dinitrotoluene	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
87-86-5	3+4-Methylphenols	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	0.054 J	ND	ND	ND
621-64-7	2-Nitroaniline	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
98-95-3	Nitrobenzene	NS	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	PAHs														
83-32-9	Acenaphthene	20	mg/Kg	1.6 J	ND	ND	130	410	ND	0.049 J	ND	ND	ND	ND	ND
208-96-8	Acenaphthylene	100	mg/Kg	6.2	ND	ND	260	460	14	0.71	9.6	0.42	ND	1.8 J	1.1
120-12-7	Anthracene	100	mg/Kg	3.4	ND	ND	82	150	13	0.73	9.4	0.22 J	ND	0.86 J	ND
120-12-7	Benzo(a)anthracene	1	mg/Kg	2	ND	ND	57	110	84	2.8	54	2.6	ND	6.7 J	6 J
50-32-8	Benzo(a)pyrene	1	mg/Kg	2.7	ND	ND	44	94	71	2.2	49	3 J	ND	9.3	8.5
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	1.9	ND	ND	37 J	92	110	2.6	69	2.9	ND	12	11
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	2.3	ND	ND	18 J	40 J	40	1.2 J	20 J	0.74 J	ND	8.8	7.6
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	0.79 J	ND	ND	13 J	18 J	56 J	1.6 J	30 J	1.7 J	ND	3.7 J	3.6 J
218-01-9	Chrysene	1	mg/Kg	2	ND	ND	55	110	62 J	2.3 J	56 J	2.3 J	ND	6.7 J	5.8 J
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	ND	ND	ND	ND	6.7 J	4.6 J	0.17 J	3.5 J	0.13 J	ND	1.1 J	1.1 J
206-44-0	Fluoranthene	100	mg/Kg	8.5	ND	ND	110	210	99	2.8	55	2.9	ND	13	10
86-73-7	Fluorene	30	mg/Kg	3.6	ND	ND	120	220	2.1 J	0.19 J	0.94 J	ND	ND	ND	ND
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	1.3 J	ND	ND	13 J	27 J	13	0.75	11	0.43	ND	6.5 J	5.8 J
91-57-6	2-Methylnaphthalene	NS	mg/Kg	2.4	ND	ND	520	1000	0.89 J	0.04 J	0.89 J	0.041 J	ND	ND	ND
91-20-3	Naphthalene	12	mg/Kg	15	0.16 J	ND	9000	8100	3.5 J	0.11 J	4.1 J	0.14 J	ND	ND	ND
85-01-8	Phenanthrene	100	mg/Kg	15	ND	ND	290	580	29	2.8	14	0.38	ND	4.6 J	3.7 J
129-00-0	Pyrene	100	mg/Kg	11	ND	ND	150	270	120 J	3 J	66 J	2.9 J	ND	14	11
	Total PAHs	NS	mg/Kg	79.69	0.16	ND	10899	11897.7	722.09	24.049	452.43	20.801	ND	89.06	75.1
	Total SVOCs	NS	mg/Kg	82.59	0.206	0.039	11045.5	12179.2	725.59	24.299	454.63	20.998	ND	89.06	75.1

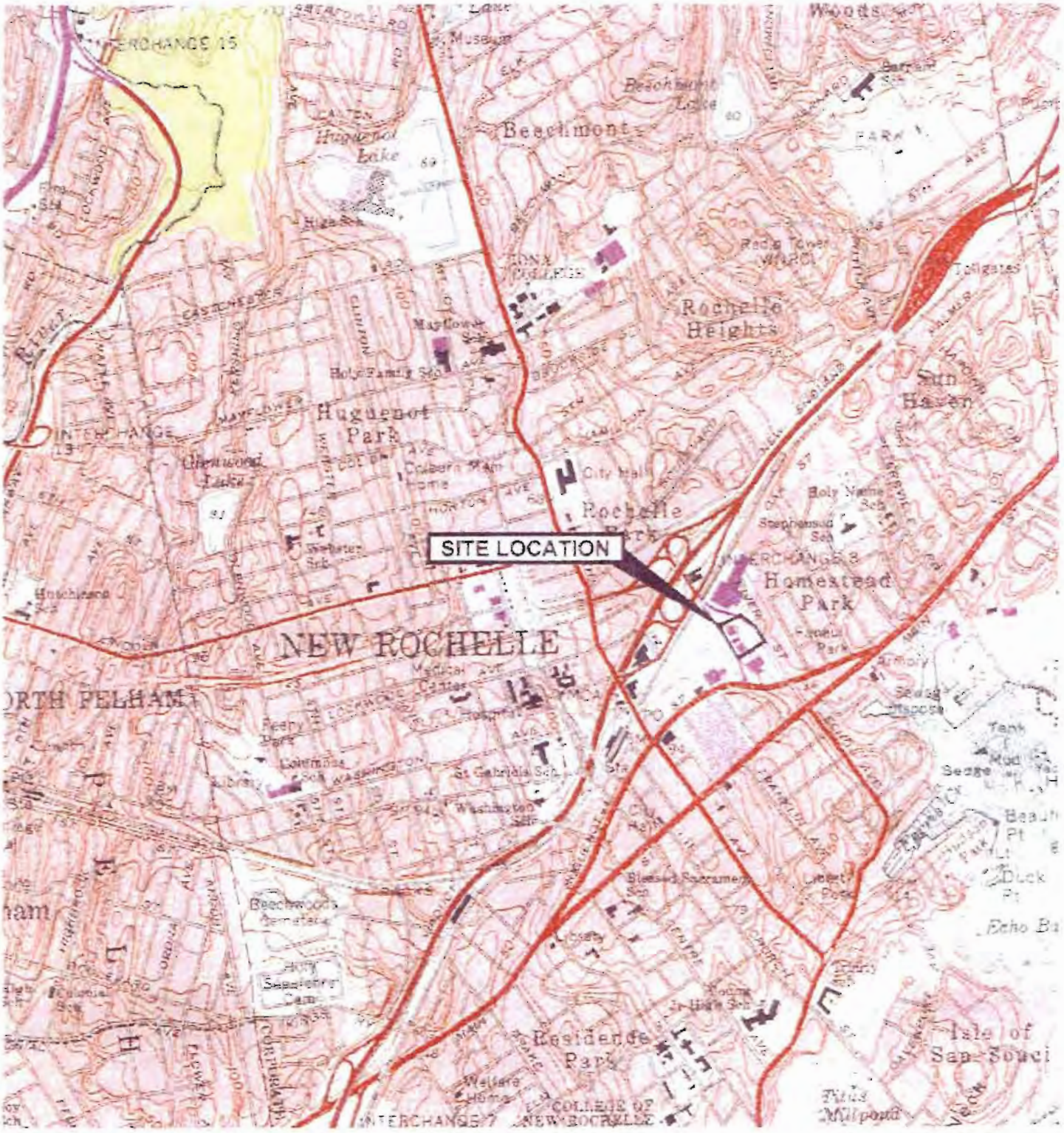
Notes:
(1) 6NYCRR Part 375 Environmental Remediation Programs (December 14, 2006)
(2) -- indicates no cleanup objective or background level is available
(3) ND indicates compound was not detected.
(4) J indicates an estimated concentration.
(5) R indicates result was rejected based on validation
(6) Shaded values exceed 6NYCRR Part 375 Unrestricted Use Soil Cleanup Object

Table 2
Validated Subsurface Soil Analytical Data
Detected Compound Summary
Cedar Street

Consolidated Edison Cedar Street Validated Soil Analytical Data Detected Compound Summary		Unrestricted Use Soil Cleanup Objectives	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-13(13-15) Z5893-08 13-15' Chemtech Z5893 SOIL 12/16/2008 3/22/2009	SB-14 (9-11) Z5924-02 9-11' Chemtech Z5924 SOIL 12/17/2008 3/22/2009	SB-14(23-25) Z5924-03 23-25' Chemtech Z5924 SOIL 12/17/2008 3/22/2009	SB-15(13-15) A1110-01 13-15' Chemtech A1110 SOIL 1/12/2009 3/25/2009	SB-15(15-17) A1110-02 15-17' Chemtech A1110 SOIL 1/12/2009 3/25/2009	TP-1 (2-3) Z5708-02 2-3' Chemtech Z5708 SOIL 12/4/2008 3/20/2009	TP-1 (6) Z5708-01 6' Chemtech Z5708 SOIL 12/4/2008 3/20/2009	TP-2 (2-3) Z5721-02 2-3' Chemtech Z5721 SOIL 12/5/2008 3/20/2009	TP-2 (3-4) Z5721-03 3-4' Chemtech Z5721 SOIL 12/5/2008 3/20/2009	TP-2(10-5) Z5721-01 10.5' Chemtech Z5721 SOIL 12/5/2008 3/20/2009	TP-3 (1-3) Z5770-02 1-3' Chemtech Z5770 SOIL 12/9/2008 3/21/2009	TP-3 (3) Z5770-01 3' Chemtech Z5770 SOIL 12/9/2008 3/21/2009
CAS NO.	COMPOUND		UNITS:												
	INORGANICS														
7429-90-5	Aluminum	NS	mg/Kg	12700	11500	23800	3900	4900	3790	10600	7590	10200	12800	3270	3460
7440-36-0	Antimony	NS	mg/Kg	ND	ND	ND	ND	3.34	ND	ND	ND	ND	ND	1 J	1.16 J
7440-38-2	Arsenic	13	mg/Kg	1.01	ND	ND	**14.7**	**31.6**	4.5	2.9	4.09	ND	ND	3.26	3.09
7440-39-3	Barium	350	mg/Kg	90.4	73.6	336	272	**352**	93.8	60.6	78	86	60.2	70	82.9
7440-41-7	Beryllium	7.2	mg/Kg	0.289	0.348	0.302	0.24 J	0.118 J	0.227 J	0.431	0.285	0.317	0.414	0.172 J	0.169 J
7440-43-9	Cadmium	2.5	mg/Kg	1.13	ND	ND	1.57	1.39	0.301	0.227 J	0.244	0.312	0.117 J	0.646	0.545
7440-70-2	Calcium	NS	mg/Kg	ND	1620	421	11100	9640	9050	1790	6670	2090	978	7890	9390
7440-47-3	Chromium	NS	mg/Kg	44.7	27.5	54.1	10.1	11.3	9.43	25.3	21.7	29	24.8	12.5	7.55
7440-48-4	Cobalt	NS	mg/Kg	14.1	7.63	23.9	7.69	12.7	5.75	10.7	7	9.43	7.96	4.27	4.56
7440-50-8	Copper	50	mg/Kg	16	32.5	32.8	**196**	**129**	37.9	20.2	26.2	31.1	20.7	**159**	45.8
7439-89-6	Iron	NS	mg/Kg	21800	19600	43200	17600	38900	11300	20000	17100	18200	18100	8980	8390
7439-92-1	Lead	63	mg/Kg	5	17.5	3.16	**624**	**6400**	**284**	16.7	**121**	39.9	5.61	**244**	**259**
7439-95-4	Magnesium	NS	mg/Kg	4980	3840	11300	3630	2000	1400	2870	3160	3860	3670	1630	1710
7439-96-5	Manganese	1600	mg/Kg	297	327	874	136	252	139	233	253	383	234	155	169
7439-97-6	Mercury	0.18	mg/Kg	ND	0.116	ND	**1.4**	**1.2**	**4.4**	0.109	**0.257**	**0.292**	0.017	**10.6**	**1.8**
7440-02-0	Nickel	30	mg/Kg	28.6	18.2	**40**	7.78	20	11.6	16.6	18.8	23.7	14.5	12.1	8.85
7440-09-7	Potassium	NS	mg/Kg	3990	2370	17800	499	712	806	1270	2310	3300	2420	976	883
7782-49-2	Selenium	3.9	mg/Kg	ND	0.858	0.886	1.52	2.3	0.825	0.65 J	0.671 J	0.625 J	0.821	ND	ND
7440-22-4	Silver	2	mg/Kg	**3.95**	**2.07**	**4.51**	**3.26**	**7.27**	1.7	**3**	**2.57**	**2.67**	**2.63**	0.834	0.789
7440-23-5	Sodium	NS	mg/Kg	ND	133	231	434	604	215	81	181	159	107	155	177
7440-28-0	Thallium	NS	mg/Kg	ND	ND	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	NS	mg/Kg	32.5	33.8	86.7	11.9	14.7	14.4	28.9	21.6	28.9	30.6	12.1	11.8
7440-66-6	Zinc	109	mg/Kg	44.8	43.6	91.7	**342**	**277**	90.9	48.8	53.6	48.2	31.8	90.5	63
57-12-5	Cyanide	27	mg/Kg	ND	ND	ND	1.92	2.52	2.35	0.703	2.1	0.925	ND	1.57	4.63

Notes
(1) 6NYCRR Part 375 Environmental Remediation Programs (December 14, 2006)
(2) -- indicates no cleanup objective or background level is available
(3) ND indicates compound was not detected
(4) J indicates an estimated concentration
(5) R indicates result was rejected based on validation
(6) Shaded values exceed 6NYCRR Part 375 Unrestricted Use Soil Cleanup Object

FIGURES



UNITED STATES GEOLOGIC SURVEY
MOUNT VERNON QUADRANGLE
NEW YORK
7.5 MINUTE SERIES (TOPOGRAPHY)

REFERENCED FIGURE 2.1

MOUNT VERNON, N.Y.
1966
PHOTOREVISED 1979

NOT TO SCALE

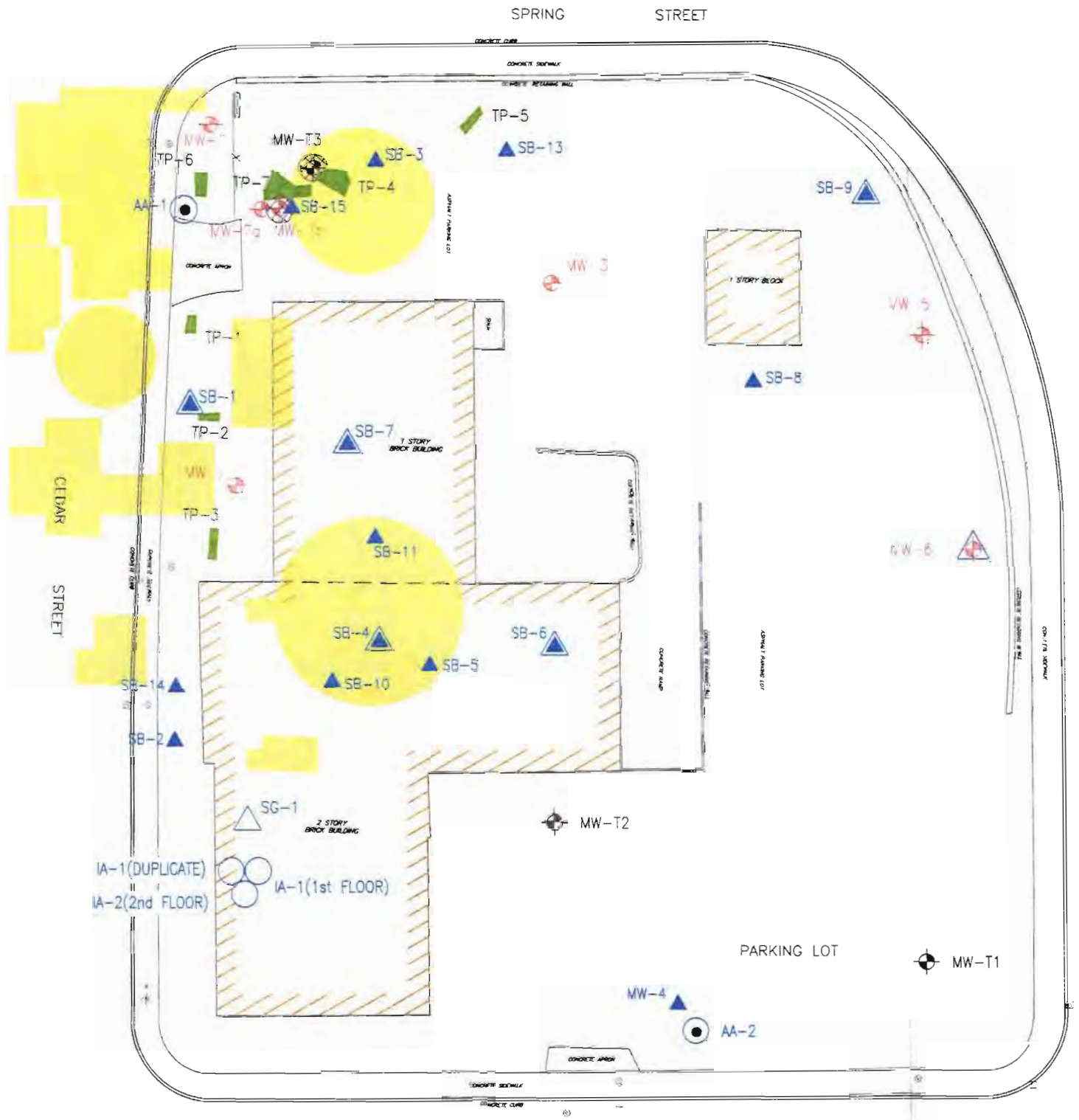
FIGURE

CONSOLIDATED EDISON
NEW YORK, NY

SITE LOCATION MAP
CEDAR STREET WORKS
NEW ROCHELLE, NY

PARSONS

P:\CONED\GATEWAY\CEDAR ST\CAD\FIGURE 1.DWG



LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL
- HISTORIC MONITORING WELL
- TEST PIT LOCATION
- APPROXIMATE LOCATION OF FORMER MGP STRUCTURES
- SOIL GAS LOCATION
- INDOOR AIR SAMPLING LOCATION
- AMBIENT AIR SAMPLING LOCATION
- NAPL OBSERVED

NOTES:

1. SAMPLE LOCATION SG-1 AS WELL AS THE INDOOR/AMBIENT AIR SAMPLE LOCATIONS ARE APPROXIMATE.

2. HISTORIC MONITORING WELLS MW-T1 AND MW-T2 ARE DAMAGED AND NOT USEABLE.

3. BASE MAP INFORMATION BASED ON A SURVEY PROVIDED BY CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE, CO., P.C. DATED 1/20/09.

4. REFUSAL WAS ENCOUNTERED WITHIN THE TOP 2 FT AT LOCATION MW-4. THEREFORE A MONITORING WELL COULD NOT BE INSTALLED.

50 25 0 50 100

SCALE: 1"=50'

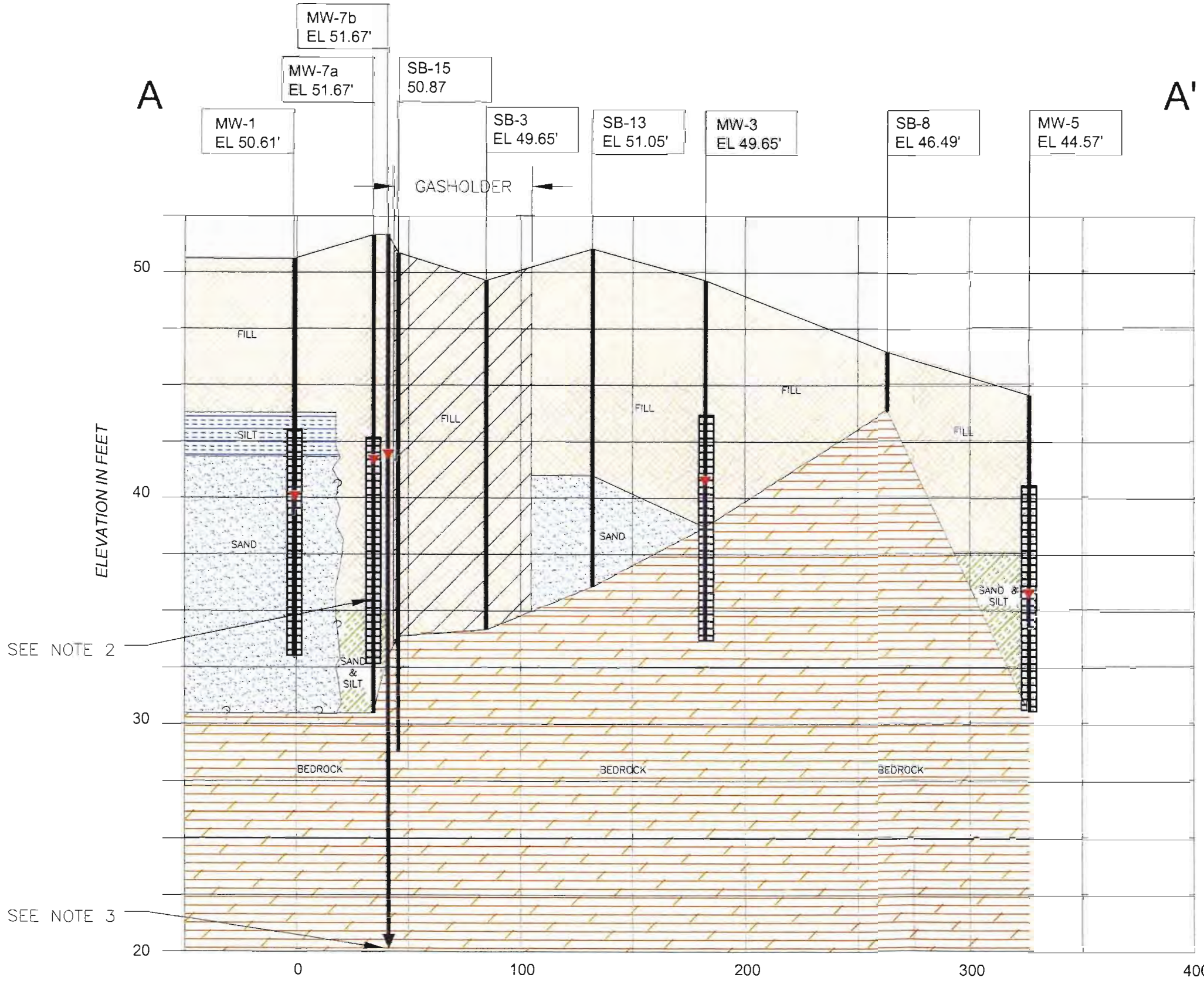
FIGURE 2

CONSOLIDATED EDISON
CEDAR STREET WORKS
NEW ROCHELLE, NY

SAMPLE LOCATION MAP

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

FILE NAME: P:\CONED\442098 - CEDAR STREET\CAD\442098-SK001.DWG
PLOT DATE: 4/16/2009 4:14 PM PLOTTED BY: WINTERS, CHRIS



FILL (SAND, SILT, GRAVEL, BRICK, CONCRETE)

SILT

BEDROCK

WELL SCREEN FOR MONITORING WELL

ELEVATION OF WATER TABLE

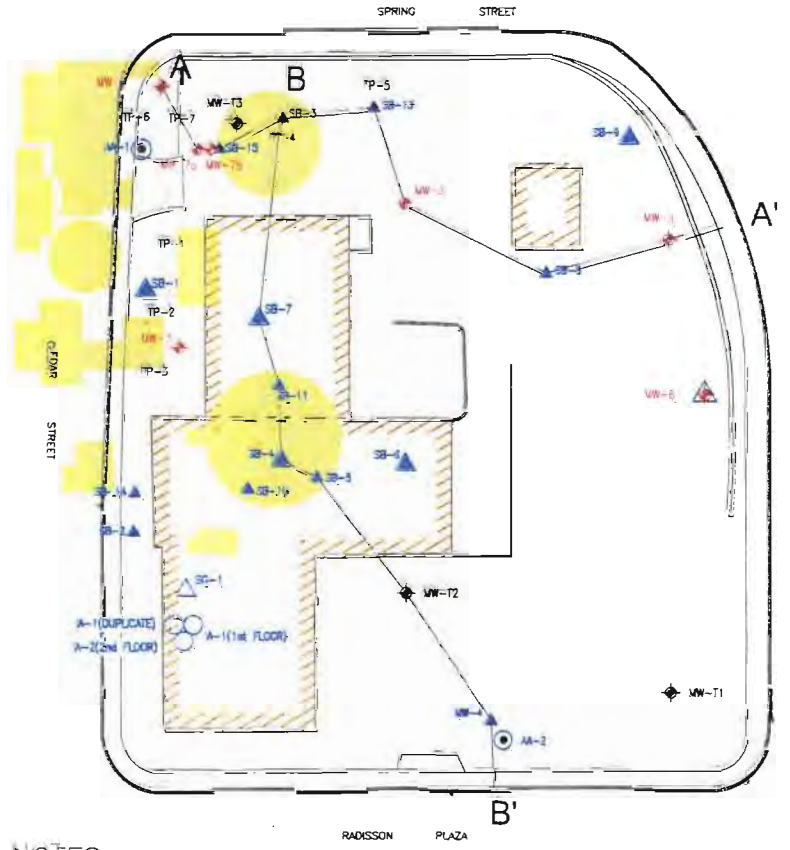
SAND

SAND & SILT

GASHOLDER

SOIL BORING

FILE NAME: P:\CONED\442098 - CEDAR STREET\CAD\442098-SK004.DWG
PLOT DATE: 4/22/2009 2:18 PM PLOTTED BY: WINTERS, CHRIS



NOTES:

1. ELEVATIONS BASED ON NAVD 88.

2. NAPL WAS OBSERVED IN THE MW-7b SOIL BORING, 17-19 FT BELOW GROUND SURFACE.

3. THE TOTAL DEPTH OF MW-7b IS 43 FT. THE MONITORING WELL IS SCREENED FROM 30-40 FT BELOW GROUND SURFACE.

50 25 0 50 100

SCALE: 1"=50'
HORIZONTAL SCALE

5 2.5 0 5 10

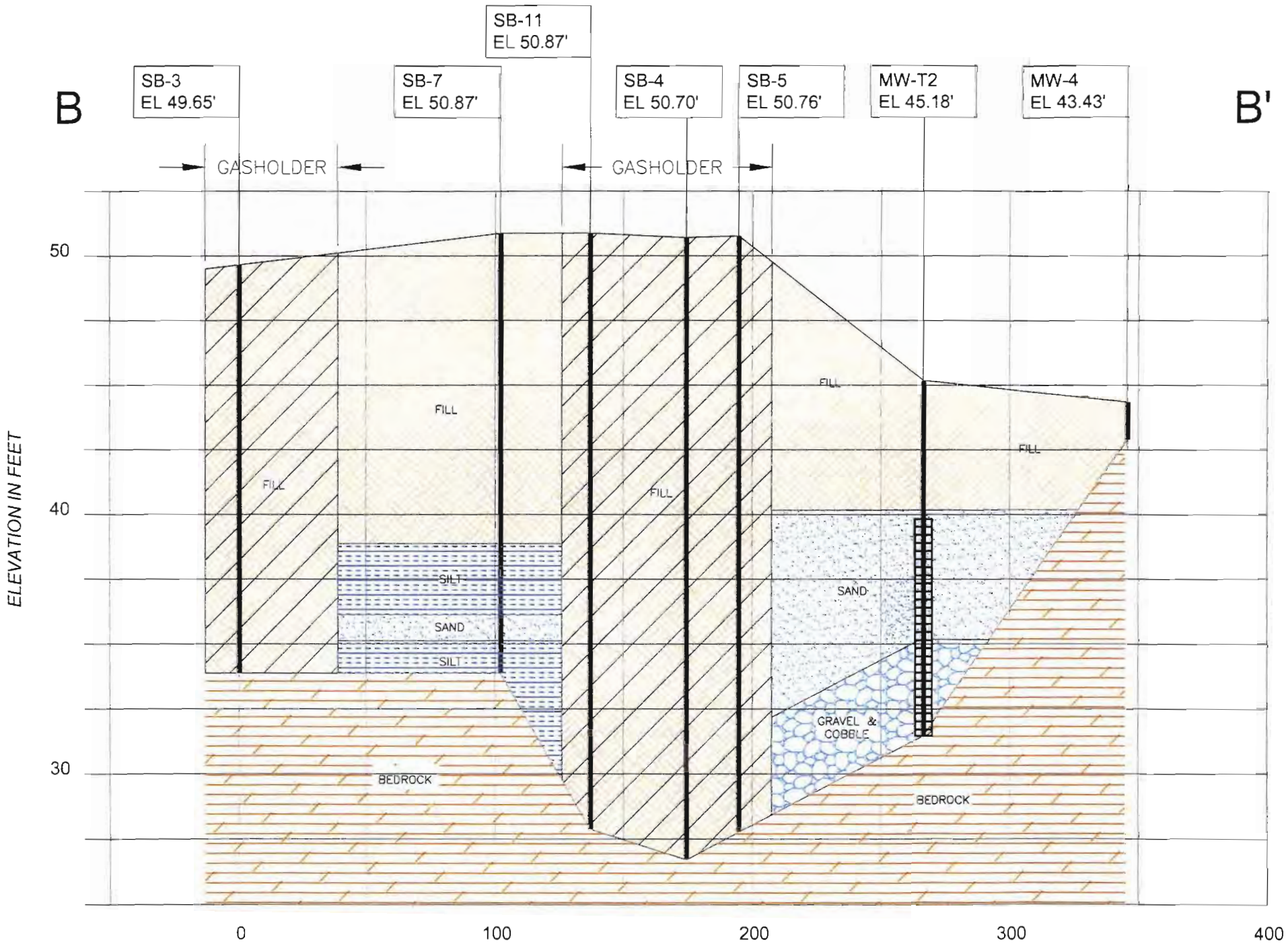
SCALE: 1"=5'
VERTICAL SCALE

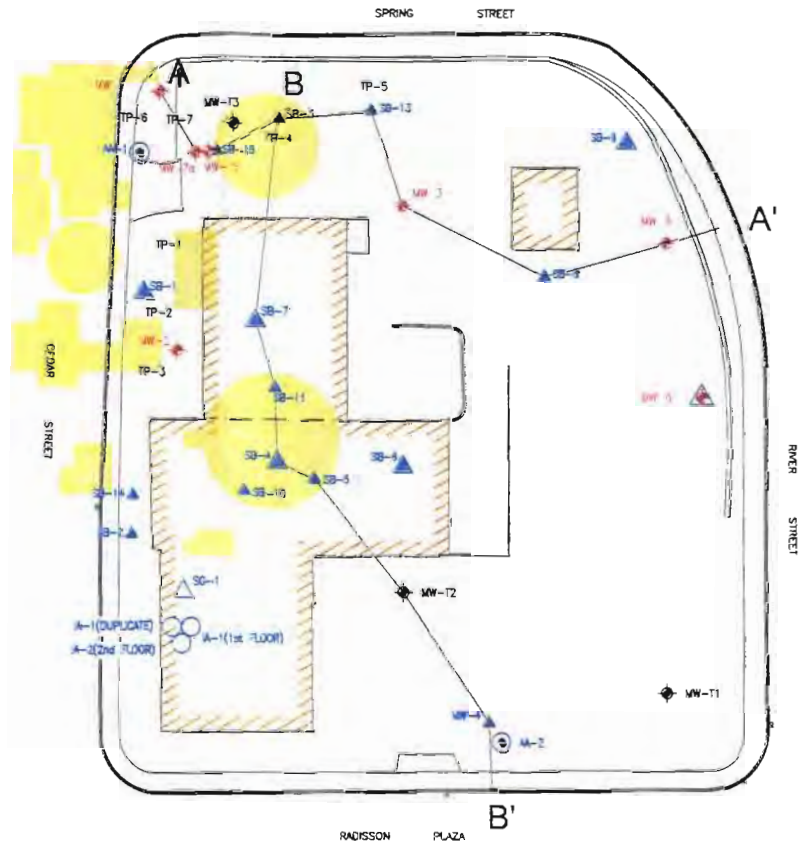
FIGURE 3

CONSOLIDATED EDISON
CEDAR STREET WORKS
NEW ROCHELLE, NY

CROSS SECTION A-A'

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560





50 25 0 50 100

SCALE: 1"=50'
HORIZONTAL SCALE

5 2.5 0 5 10

SCALE: 1"=5'
VERTICAL SCALE

FILL (SAND, SILT, GRAVEL, BRICK, CONCRETE)

BEDROCK

GASHOLDER

WELL SCREEN FOR MONITORING WELL

SAND

GRAVEL & COBBLE

SILT

SOIL BORING

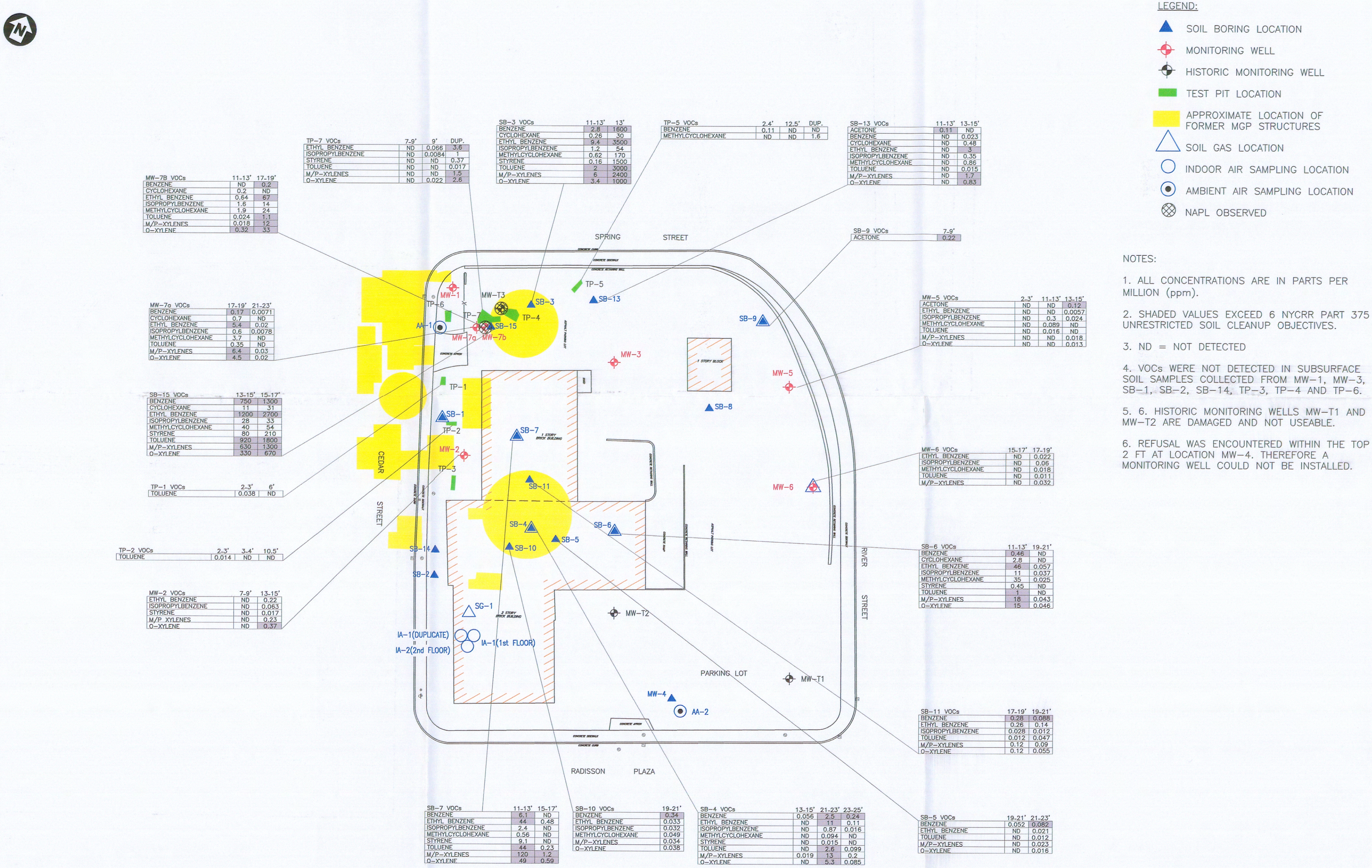
FILE NAME: P:\CONED\442098 - CEDAR STREET\CAD\442098-SK004.DWG
PLOT DATE: 4/22/2009 12:47 PM PLOTTED BY: WINTERS, CHRIS

FIGURE 4

CONSOLIDATED EDISON
CEDAR STREET WORKS
NEW ROCHELLE, NY

CROSS SECTION B–B'

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560



MW-7B VOCs	11-13'	17-19'
BENZENE	ND	0.2
CYCLOHEXANE	0.2	ND
ETHYL BENZENE	0.64	67
ISOPROPYLBENZENE	1.6	14
METHYLCYCLOHEXANE	1.9	24
TOLUENE	0.024	1.1
M/P-XYLENES	0.018	12
O-XYLENE	0.32	33

TP-7 VOCs	7-9'	9'	DUP.
ETHYL BENZENE	ND	0.056	3.6
ISOPROPYLBENZENE	ND	0.0084	1
STYRENE	ND	ND	0.37
TOLUENE	ND	ND	0.017
M/P-XYLENES	ND	ND	1.5
O-XYLENE	ND	0.022	2.6

SB-3 VOCs	11-13'	13'
BENZENE	2.8	1600
CYCLOHEXANE	0.26	30
ETHYL BENZENE	9.4	3500
ISOPROPYLBENZENE	1.2	54
METHYLCYCLOHEXANE	0.62	170
STYRENE	0.16	1500
TOLUENE	2	3000
M/P-XYLENES	6	2400
O-XYLENE	3.4	1000

TP-5 VOCs	2.4'	12.5'	DUP.
BENZENE	0.11	ND	ND
METHYLCYCLOHEXANE	ND	ND	1.6

SB-13 VOCs	11-13'	13-15'
ACETONE	0.11	ND
BENZENE	ND	0.023
CYCLOHEXANE	ND	0.48
ETHYL BENZENE	ND	3
ISOPROPYLBENZENE	ND	0.35
METHYLCYCLOHEXANE	ND	0.86
TOLUENE	ND	0.015
M/P-XYLENES	ND	1.7
O-XYLENE	ND	0.83

SB-9 VOCs	7-9'
ACETONE	0.22

MW-7a VOCs	17-19'	21-23'
BENZENE	0.17	0.0071
CYCLOHEXANE	0.7	ND
ETHYL BENZENE	5.4	0.02
ISOPROPYLBENZENE	0.6	0.0078
METHYLCYCLOHEXANE	3.7	ND
TOLUENE	0.35	ND
M/P-XYLENES	6.4	0.03
O-XYLENE	4.5	0.02

MW-5 VOCs	2-3'	11-13'	13-15'
ACETONE	ND	ND	0.12
ETHYL BENZENE	ND	ND	0.0057
ISOPROPYLBENZENE	ND	0.3	0.024
METHYLCYCLOHEXANE	ND	0.089	ND
TOLUENE	ND	0.016	ND
M/P-XYLENES	ND	ND	0.018
O-XYLENE	ND	ND	0.013

SB-15 VOCs	13-15'	15-17'
BENZENE	750	1300
CYCLOHEXANE	11	31
ETHYL BENZENE	1200	2700
ISOPROPYLBENZENE	28	33
METHYLCYCLOHEXANE	40	54
STYRENE	80	210
TOLUENE	920	1800
M/P-XYLENES	630	1300
O-XYLENE	330	670

MW-6 VOCs	15-17'	17-19'
ETHYL BENZENE	ND	0.022
ISOPROPYLBENZENE	ND	0.06
METHYLCYCLOHEXANE	ND	0.018
TOLUENE	ND	0.011
M/P-XYLENES	ND	0.032

TP-1 VOCs	2-3'	6'
TOLUENE	0.038	ND

TP-2 VOCs	2-3'	3-4'	10.5'
TOLUENE	0.014	ND	ND

SB-6 VOCs	11-13'	19-21'
BENZENE	0.46	ND
CYCLOHEXANE	2.8	ND
ETHYL BENZENE	46	0.057
ISOPROPYLBENZENE	11	0.037
METHYLCYCLOHEXANE	35	0.025
STYRENE	0.45	ND
TOLUENE	1	ND
M/P-XYLENES	18	0.043
O-XYLENE	15	0.046

MW-2 VOCs	7-9'	13-15'
ETHYL BENZENE	ND	0.22
ISOPROPYLBENZENE	ND	0.063
STYRENE	ND	0.017
M/P XYLENES	ND	0.23
O-XYLENE	ND	0.37

SB-11 VOCs	17-19'	19-21'
BENZENE	0.28	0.088
ETHYL BENZENE	0.26	0.14
ISOPROPYLBENZENE	0.028	0.012
TOLUENE	0.012	0.047
M/P-XYLENES	0.12	0.09
O-XYLENE	0.12	0.055

SB-7 VOCs	11-13'	15-17'
BENZENE	6.1	ND
ETHYL BENZENE	44	0.48
ISOPROPYLBENZENE	2.4	ND
METHYLCYCLOHEXANE	0.56	ND
STYRENE	9.1	ND
TOLUENE	44	0.23
M/P-XYLENES	120	1.2
O-XYLENE	49	0.59

SB-10 VOCs	19-21'
BENZENE	0.34
ETHYL BENZENE	0.033
ISOPROPYLBENZENE	0.032
METHYLCYCLOHEXANE	0.049
M/P-XYLENES	0.034
O-XYLENE	0.038

SB-4 VOCs	13-15'	21-23'	23-25'
BENZENE	0.056	2.5	0.24
ETHYL BENZENE	ND	11	0.11
ISOPROPYLBENZENE	ND	0.67	0.016
METHYLCYCLOHEXANE	ND	0.094	ND
STYRENE	ND	0.015	ND
TOLUENE	ND	2.6	0.099
M/P-XYLENES	0.019	13	0.2
O-XYLENE	ND	5.3	0.085

SB-5 VOCs	19-21'	21-23'
BENZENE	0.052	0.082
ETHYL BENZENE	ND	0.021
TOLUENE	ND	0.012
M/P-XYLENES	ND	0.023
O-XYLENE	ND	0.016

LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL
- HISTORIC MONITORING WELL
- TEST PIT LOCATION
- APPROXIMATE LOCATION OF FORMER MGP STRUCTURES
- SOIL GAS LOCATION
- INDOOR AIR SAMPLING LOCATION
- AMBIENT AIR SAMPLING LOCATION
- NAPL OBSERVED

NOTES:

1. ALL CONCENTRATIONS ARE IN PARTS PER MILLION (ppm).
2. SHADED VALUES EXCEED 6 NYCRR PART 375 UNRESTRICTED SOIL CLEANUP OBJECTIVES.
3. ND = NOT DETECTED
4. VOCs WERE NOT DETECTED IN SUBSURFACE SOIL SAMPLES COLLECTED FROM MW-1, MW-3, SB-1, SB-2, SB-14, TP-3, TP-4 AND TP-6.
5. 6. HISTORIC MONITORING WELLS MW-T1 AND MW-T2 ARE DAMAGED AND NOT USEABLE.
6. REFUSAL WAS ENCOUNTERED WITHIN THE TOP 2 FT AT LOCATION MW-4. THEREFORE A MONITORING WELL COULD NOT BE INSTALLED.

50 25 0 50 100

SCALE: 1"=50'

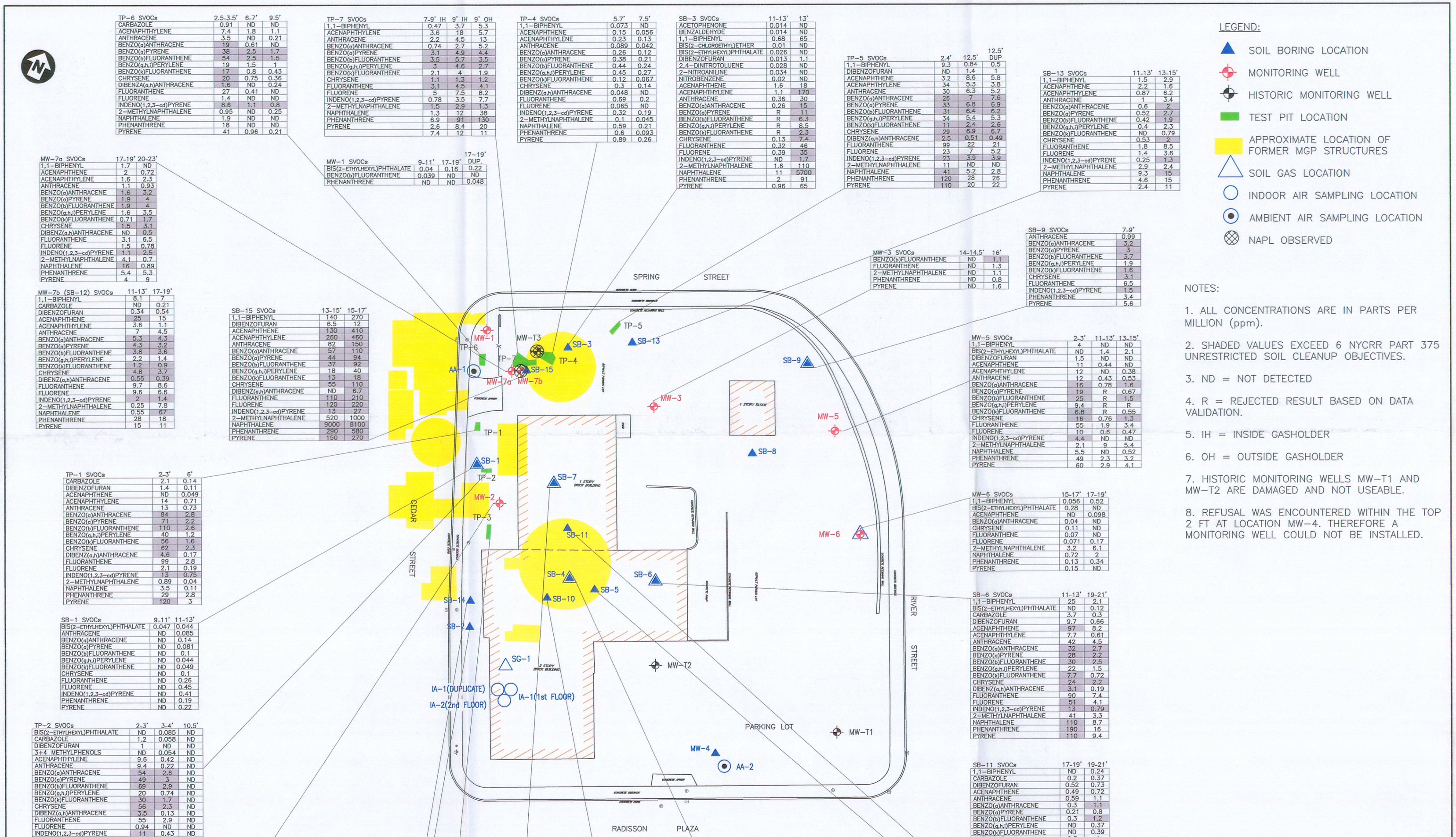
FIGURE 5

CONSOLIDATED EDISON
CEDAR STREET WORKS
NEW ROCHELLE, NY

SUMMARY OF VOCs DETECTED IN SUBSURFACE SOIL

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

FILE NAME: P:\CONED\442098 - CEDAR STREET\CAD\DWGS FROM BOSTON\442098-SK003.DWG
PLOT DATE: 7/31/2009 1:47 PM PLOTTED BY: HALL, STEVE E



TP-6 SVOCs	2.5-3.5'	6-7'	9.5'
CARBAZOLE	0.91	ND	ND
ACENAPHTHYLENE	7.4	1.8	1.1
ANTHRACENE	3.5	ND	0.21
BENZO(a)ANTHRACENE	19	0.61	ND
BENZO(a)PYRENE	38	2.5	1.7
BENZO(b)FLUORANTHENE	54	2.5	1.5
BENZO(g,h,i)PERYLENE	19	1.5	1
BENZO(k)FLUORANTHENE	17	0.8	0.43
CHRYSENE	20	0.75	0.36
DIBENZ(a,h)ANTHRACENE	1.6	ND	0.24
FLUORANTHENE	27	0.41	ND
FLUORENE	1.4	ND	ND
INDENO(1,2,3-cd)PYRENE	8.8	1.1	0.8
2-METHYLNAPHTHALENE	0.95	ND	0.25
NAPHTHALENE	1.9	ND	ND
PHENANTHRENE	18	ND	ND
PYRENE	41	0.96	0.21

TP-7 SVOCs	7-9' IH	9' IH	9' OH
1,1-BIPHENYL	0.47	3.7	5.3
ACENAPHTHYLENE	3.6	18	5.7
ANTHRACENE	2.2	4.5	13
BENZO(a)ANTHRACENE	0.74	2.7	5.2
BENZO(a)PYRENE	3.1	4.9	4.4
BENZO(b)FLUORANTHENE	3.5	5.7	3.5
BENZO(g,h,i)PERYLENE	3	4.6	2.7
BENZO(k)FLUORANTHENE	2.1	4	1.9
CHRYSENE	1.1	1.3	1.2
FLUORANTHENE	3.1	4.5	4.1
FLUORENE	5	7.5	8.2
INDENO(1,2,3-cd)PYRENE	0.78	3.5	7.7
2-METHYLNAPHTHALENE	1.5	2.9	1.3
NAPHTHALENE	1.3	12	38
PHENANTHRENE	6.9	91	130
PYRENE	2.6	8.4	20
	7.4	12	11

TP-4 SVOCs	5.7'	7.5'
1,1-BIPHENYL	0.073	ND
ACENAPHTHENE	0.15	0.056
ACENAPHTHYLENE	0.23	0.13
ANTHRACENE	0.089	0.042
BENZO(a)ANTHRACENE	0.26	0.12
BENZO(a)PYRENE	0.38	0.21
BENZO(b)FLUORANTHENE	0.44	0.24
BENZO(g,h,i)PERYLENE	0.45	0.27
BENZO(k)FLUORANTHENE	0.12	0.067
CHRYSENE	0.3	0.14
DIBENZ(a,h)ANTHRACENE	0.048	ND
FLUORANTHENE	0.69	0.2
FLUORENE	0.065	ND
INDENO(1,2,3-cd)PYRENE	0.32	0.19
2-METHYLNAPHTHALENE	0.1	0.045
NAPHTHALENE	0.59	0.21
PHENANTHRENE	0.6	0.093
PYRENE	0.89	0.26

SB-3 SVOCs	11-13'	13'
ACETOPHENONE	0.014	ND
BENZALDEHYDE	0.014	ND
1,1-BIPHENYL	0.68	65
BIS(2-CHLOROETHYL)ETHER	0.01	ND
BIS(2-ETHYLHEXYL)PHTHALATE	0.026	ND
DIBENZOFURAN	0.013	1.1
2,4-DINITROTOLUENE	0.028	ND
2-NITROANILINE	0.034	ND
NITROBENZENE	0.02	ND
ACENAPHTHENE	1.6	18
ACENAPHTHYLENE	1.1	170
ANTHRACENE	0.36	30
BENZO(a)ANTHRACENE	0.26	15
BENZO(a)PYRENE	R	11
BENZO(b)FLUORANTHENE	R	6.3
BENZO(g,h,i)PERYLENE	R	8.5
BENZO(k)FLUORANTHENE	R	2.3
CHRYSENE	0.13	7.4
FLUORANTHENE	0.32	46
FLUORENE	0.39	35
INDENO(1,2,3-cd)PYRENE	ND	1.7
2-METHYLNAPHTHALENE	1.6	110
NAPHTHALENE	11	5700
PHENANTHRENE	2	91
PYRENE	0.96	65

TP-5 SVOCs	2.4'	12.5'	12.5' DUP
1,1-BIPHENYL	9.3	0.84	0.5
DIBENZOFURAN	ND	1.4	1
ACENAPHTHENE	3.2	8.6	5.8
ACENAPHTHYLENE	34	5.3	3.8
ANTHRACENE	30	6.3	5.2
BENZO(a)ANTHRACENE	26	7	7.6
BENZO(a)PYRENE	33	6.8	6.9
BENZO(b)FLUORANTHENE	31	6.4	6.2
BENZO(g,h,i)PERYLENE	34	5.4	5.3
BENZO(k)FLUORANTHENE	11	2.4	2.6
CHRYSENE	29	6.9	6.7
DIBENZ(a,h)ANTHRACENE	2.5	0.51	0.49
FLUORANTHENE	99	22	21
FLUORENE	23	7	5.2
INDENO(1,2,3-cd)PYRENE	23	3.9	3.9
2-METHYLNAPHTHALENE	11	ND	ND
NAPHTHALENE	41	5.2	2.8
PHENANTHRENE	120	28	26
PYRENE	110	20	22

SB-13 SVOCs	11-13'	13-15'
1,1-BIPHENYL	1.5	2.9
ACENAPHTHENE	2.2	1.6
ACENAPHTHYLENE	0.87	6.2
ANTHRACENE	1	3.4
BENZO(a)ANTHRACENE	0.6	2
BENZO(a)PYRENE	0.52	2.7
BENZO(b)FLUORANTHENE	0.42	1.9
BENZO(g,h,i)PERYLENE	0.4	2.3
BENZO(k)FLUORANTHENE	ND	0.79
CHRYSENE	0.53	2
FLUORANTHENE	1.8	8.5
FLUORENE	1.4	3.6
INDENO(1,2,3-cd)PYRENE	0.25	1.3
2-METHYLNAPHTHALENE	2.9	2.4
NAPHTHALENE	9.3	15
PHENANTHRENE	4.6	15
PYRENE	2.4	11

MW-7a SVOCs	17-19'	20-23'
1,1-BIPHENYL	1.7	ND
ACENAPHTHENE	2	0.72
ACENAPHTHYLENE	1.6	2.3
ANTHRACENE	1.1	0.93
BENZO(a)ANTHRACENE	1.6	3.2
BENZO(a)PYRENE	1.9	4
BENZO(b)FLUORANTHENE	1.9	4
BENZO(g,h,i)PERYLENE	1.6	3.5
BENZO(k)FLUORANTHENE	0.71	1.7
CHRYSENE	1.5	3.1
DIBENZ(a,h)ANTHRACENE	ND	0.5
FLUORANTHENE	3.1	6.5
FLUORENE	1.5	0.78
INDENO(1,2,3-cd)PYRENE	1.1	2.5
2-METHYLNAPHTHALENE	4.1	0.7
NAPHTHALENE	16	0.89
PHENANTHRENE	5.4	5.3
PYRENE	4	9

MW-1 SVOCs	9-11'	17-19'	17-19' DUP.
BIS(2-ETHYLHEXYL)PHTHALATE	0.04	0.16	0.22
BENZO(b)FLUORANTHENE	0.039	ND	ND
PHENANTHRENE	ND	ND	0.048

MW-3 SVOCs	14-14.5'	16'
BENZO(b)FLUORANTHENE	ND	1.1
FLUORANTHENE	ND	1.3
2-METHYLNAPHTHALENE	ND	1.1
PHENANTHRENE	ND	0.8
PYRENE	ND	1.6

SB-9 SVOCs	7-9'
ANTHRACENE	0.99
BENZO(a)ANTHRACENE	3.2
BENZO(a)PYRENE	3
BENZO(b)FLUORANTHENE	3.7
BENZO(g,h,i)PERYLENE	1.9
BENZO(k)FLUORANTHENE	1.6
CHRYSENE	3.1
FLUORANTHENE	6.5
INDENO(1,2,3-cd)PYRENE	1.5
PHENANTHRENE	3.4
PYRENE	5.6

MW-7b (SB-12) SVOCs	11-13'	17-19'
1,1-BIPHENYL	8.1	7
CARBAZOLE	ND	0.21
DIBENZOFURAN	0.34	0.54
ACENAPHTHENE	25	15
ACENAPHTHYLENE	3.6	1.1
ANTHRACENE	7	4.5
BENZO(a)ANTHRACENE	5.3	4.3
BENZO(a)PYRENE	4.3	3.2
BENZO(b)FLUORANTHENE	3.8	3.6
BENZO(g,h,i)PERYLENE	2.2	1.4
BENZO(k)FLUORANTHENE	1.2	0.9
CHRYSENE	4.8	3.7
DIBENZ(a,h)ANTHRACENE	0.55	0.39
FLUORANTHENE	9.7	8.6
FLUORENE	9.6	6.6
INDENO(1,2,3-cd)PYRENE	2	1.4
2-METHYLNAPHTHALENE	0.25	7.8
NAPHTHALENE	0.55	67
PHENANTHRENE	28	18
PYRENE	15	11

SB-15 SVOCs	13-15'	15-17'
1,1-BIPHENYL	140	270
DIBENZOFURAN	6.5	12
ACENAPHTHENE	130	410
ACENAPHTHYLENE	260	460
ANTHRACENE	82	150
BENZO(a)ANTHRACENE	57	110
BENZO(a)PYRENE	44	94
BENZO(b)FLUORANTHENE	37	92
BENZO(g,h,i)PERYLENE	18	40
BENZO(k)FLUORANTHENE	13	18
CHRYSENE	55	110
DIBENZ(a,h)ANTHRACENE	ND	6.7
FLUORANTHENE	110	210
FLUORENE	120	220
INDENO(1,2,3-cd)PYRENE	13	27
2-METHYLNAPHTHALENE	520	1000
NAPHTHALENE	9000	8100
PHENANTHRENE	290	580
PYRENE	150	270

MW-5 SVOCs	2-3'	11-13'	13-15'
1,1-BIPHENYL	4	ND	ND
BIS(2-ETHYLHEXYL)PHTHALATE	ND	1.4	2.1
DIBENZOFURAN	1.5	ND	ND
ACENAPHTHENE	11	0.44	ND
ACENAPHTHYLENE	12	ND	0.38
ANTHRACENE	12	0.43	0.53
BENZO(a)ANTHRACENE	16	0.78	1.6
BENZO(a)PYRENE	19	R	0.67
BENZO(b)FLUORANTHENE	25	R	1.5
BENZO(g,h,i)PERYLENE	9.4	R	R
BENZO(k)FLUORANTHENE	6.8	R	0.55
CHRYSENE	16	0.76	1.3
FLUORANTHENE	55	1.9	3.4
FLUORENE	10	0.6	0.47
INDENO(1,2,3-cd)PYRENE	4.4	ND	ND
2-METHYLNAPHTHALENE	2.1	9	5.4
NAPHTHALENE	5.5	ND	0.52
PHENANTHRENE	49	2.3	3.2
PYRENE	60	2.9	4.1

TP-1 SVOCs	2-3'	6'
CARBAZOLE	2.1	0.14
DIBENZOFURAN	1.4	0.11
ACENAPHTHENE	ND	0.049
ACENAPHTHYLENE	14	0.71
ANTHRACENE	13	0.73
BENZO(a)ANTHRACENE	84	2.8
BENZO(a)PYRENE	71	2.2
BENZO(b)FLUORANTHENE	110	2.6
BENZO(g,h,i)PERYLENE	40	1.2
BENZO(k)FLUORANTHENE	56	1.6
CHRYSENE	62	2.3
DIBENZ(a,h)ANTHRACENE	4.6	0.17
FLUORANTHENE	99	2.8
FLUORENE	2.1	0.19
INDENO(1,2,3-cd)PYRENE	13	0.75
2-METHYLNAPHTHALENE	0.89	0.04
NAPHTHALENE	3.5	0.11
PHENANTHRENE	29	2.8
PYRENE	120	3

MW-6 SVOCs	15-17'	17-19'
1,1-BIPHENYL	0.056	0.52
BIS(2-ETHYLHEXYL)PHTHALATE	0.28	ND
ACENAPHTHENE	ND	0.098
BENZO(a)ANTHRACENE	0.04	ND
CHRYSENE	0.11	ND
FLUORANTHENE	0.07	ND
FLUORENE	0.071	0.17
2-METHYLNAPHTHALENE	3.2	6.1
NAPHTHALENE	0.72	2
PHENANTHRENE	0.13	0.34
PYRENE	0.15	ND

SB-1 SVOCs	9-11'	11-13'
BIS(2-ETHYLHEXYL)PHTHALATE	0.047	0.044
ANTHRACENE	ND	0.085
BENZO(a)ANTHRACENE	ND	0.14
BENZO(a)PYRENE	ND	0.081
BENZO(b)FLUORANTHENE	ND	0.1
BENZO(g,h,i)PERYLENE	ND	0.044
BENZO(k)FLUORANTHENE	ND	0.049
CHRYSENE	ND	0.1
FLUORANTHENE	ND	0.26
FLUORENE	ND	0.45
INDENO(1,2,3-cd)PYRENE	ND	0.41
PHENANTHRENE	ND	0.19
PYRENE	ND	0.22

SB-6 SVOCs	11-13'	19-21'
1,1-BIPHENYL	25	2.1
BIS(2-ETHYLHEXYL)PHTHALATE	ND	0.12
CARBAZOLE	3.7	0.3
DIBENZOFURAN	9.7	0.66
ACENAPHTHENE	67	8.2
ACENAPHTHYLENE	7.7	0.61
ANTHRACENE	42	4.5
BENZO(a)ANTHRACENE	32	2.7
BENZO(a)PYRENE	28	2.2
BENZO(b)FLUORANTHENE	30	2.5
BENZO(g,h,i)PERYLENE	22	1.5
BENZO(k)FLUORANTHENE	7.7	0.72
CHRYSENE	24	2.2
DIBENZ(a,h)ANTHRACENE	3.1	0.19
FLUORANTHENE	90	7.4
FLUORENE	51	4.1
INDENO(1,2,3-cd)PYRENE	13	0.79
2-METHYLNAPHTHALENE	41	3.3
NAPHTHALENE	110	8.7
PHENANTHRENE	190	16
PYRENE	110	9.4

TP-2 SVOCs	2-3'	3-4'	10.5'
BIS(2-ETHYLHEXYL)PHTHALATE	ND	0.085	ND
CARBAZOLE	1.2	0.058	ND
DIBENZOFURAN	1	ND	ND
3+4 METHYLPHENOLS	ND	0.054	ND
ACENAPHTHYLENE	9.6	0.42	ND
ANTHRACENE	9.4	0.22	ND
BENZO(a)ANTHRACENE	54	2.6	ND
BENZO(a)PYRENE	49	3	ND
BENZO(b)FLUORANTHENE	69	2.9	ND
BENZO(g,h,i)PERYLENE	20	0.74	ND
BENZO(k)FLUORANTHENE	30	1.7	ND
CHRYSENE	56	2.3	ND
DIBENZ(a,h)ANTHRACENE	3.5	0.13	ND
FLUORANTHENE	55	2.9	ND
FLUORENE	0.94	ND	ND
INDENO(1,2,3-cd)PYRENE	11	0.43	ND
2-METHYLNAPHTHALENE	0.89	0.041	ND
NAPHTHALENE	4.1	0.14	ND
PHENANTHRENE	14	0.38	ND
PYRENE	66	2.9	ND

SB-11 SVOCs	17-19'	19-21'
1,1-BIPHENYL	ND	0.24
CARBAZOLE	0.2	0.37
DIBENZOFURAN	0.52	0.73
ACENAPHTHENE	0.49	0.72
ANTHRACENE	0.59	1.1
BENZO(a)ANTHRACENE	0.3	1.1
BENZO(a)PYRENE	0.21	0.8
BENZO(b)FLUORANTHENE	0.3	1.2
BENZO(g,h,i)PERYLENE	ND	0.37
BENZO(k)FLUORANTHENE	ND	0.39
CHRYSENE	0.3	1
FLUORANTHENE	1.2	3
FLUORENE	0.68	1.1
INDENO(1,2,3-cd)PYRENE	ND	0.35
2-METHYLNAPHTHALENE	0.37	0.77
NAPHTHALENE	0.95	3.8
PHENANTHRENE	2.6	4.6
PYRENE	0.94	2.7

SB-14 SVOCs	9-11'	23-25'
BIS(2-ETHYLHEXYL)PHTHALATE	0.046	0.039
NAPHTHALENE	0.16	ND

SB-2 SVOCs	9-11'	23-25'
BIS(2-ETHYLHEXYL)PHTHALATE	0.1	0.54
FLUORANTHENE	ND	0.05
PHENANTHRENE	ND	0.043
PYRENE	ND	0.045

SB-5 SVOCs	19-21'	21-23'
ACENAPHTHENE	ND	0.35
ANTHRACENE	ND	0.26
BENZO(a)ANTHRACENE	1	0.39
BENZO(a)PYRENE	ND	0.26
BENZO(b)FLUORANTHENE	0.94	0.4
BENZO(g,h,i)PERYLENE	ND	0.23
CHRYSENE	ND	0.33
FLUORANTHENE	2.1	0.79
FLUORENE	ND	0.29
NAPHTHALENE	4.2	0.75
PHENANTHRENE	1.8	0.86
PYRENE	1.8	0.78

MW-2 SVOCs	7-9'	13-15'
1,1-BIPHENYL	2.7	0.86
CARBAZOLE	18	2.1
DIBENZOFURAN	44	5.4
ACENAPHTHENE	13	1.4
ACENAPHTHYLENE	45	4.9
ANTHRACENE	100	12
BENZO(a)ANTHRACENE	160	13
BENZO(a)PYRENE	95	9.3
BENZO(b)FLUORANTHENE	150	14
BENZO(g,h,i)PERYLENE	54	3
BENZO(k)FLUORANTHENE	48	5.2
CHRYSENE	130	12
DIBENZ(a,h)ANTHRACENE	15	1.1
FLUORANTHENE	310	29
FLUORENE	85	9.5
INDENO(1,2,3-cd)PYRENE	43	2.3
2-METHYLNAPHTHALENE	21	3.7
NAPHTHALENE	15	4.5
PHENANTHRENE	350	34
PYRENE	280	25

TP-3 SVOCs	1-3'	3'
ACENAPHTHYLENE	1.8	1
ANTHRACENE	0.86	ND
BENZO(a)ANTHRACENE	6.7	6
BENZO(a)PYRENE	9.3	8.5
BENZO(b)FLUORANTHENE	12	11
BENZO(g,h,i)PERYLENE	8.8	7.6
BENZO(k)FLUORANTHENE	3.7	3.6
CHRYSENE	6.7	5.8
DIBENZ(a,h)ANTHRACENE	1.1	1.1
FLUORANTHENE	13	10
INDENO(1,2,3-cd)PYRENE	6.5	5.8
PHENANTHRENE	4.6	3.7
PYRENE	14	11

SB-7 SVOCs	11-13'	15-17'
1,1-BIPHENYL	18	1.2
CARBAZOLE	23	2.1
DIBENZOFURAN	61	4.5
2,4-DIMETHYLPHENOL	3.3	ND
3+4 METHYLPHENOLS	0.96	ND
ACENAPHTHENE	46	3.2
ACENAPHTHYLENE	40	5.3
ANTHRACENE	67	7.5
BENZO(a)ANTHRACENE	66	15
BENZO(a)PYRENE	43	11
BENZO(b)FLUORANTHENE	60	15
BENZO(g,h,i)PERYLENE	29	7.7
BENZO(k)FLUORANTHENE	19	5.9
CHRYSENE	49	11
DIBENZ(a,h)ANTHRACENE	7.8	1.8
FLUORANTHENE	150	34
FLUORENE	83	7.3
INDENO(1,2,3-cd)PYRENE	28	5.9
2-METHYLNAPHTHALENE	97	6
NAPHTHALENE	410	23
PHENANTHRENE	210	19
PYRENE	120	27

SB-10 SVOCs	19-21'
1,1-BIPHENYL	0.12
CARBAZOLE	0.18
DIBENZOFURAN	0.4
ACENAPHTHENE	0.35
ACENAPHTHYLENE	0.32
ANTHRACENE	0.43
BENZO(a)ANTHRACENE	0.41
BENZO(a)PYRENE	0.28
BENZO(b)FLUORANTHENE	0.39
BENZO(g,h,i)PERYLENE	0.16
BENZO(k)FLUORANTHENE	0.12
CHRYSENE	0.31
DIBENZ(a,h)ANTHRACENE	0.049
FLUORANTHENE	0.89
FLUORENE	0.55
INDENO(1,2,3-cd)PYRENE	0.14
2-METHYLNAPHTHALENE	0.76
NAPHTHALENE	3
PHENANTHRENE	1.3
PYRENE	0.74

SB-4 SVOCs	13-15'	21-23'	23-25'
1,1-BIPHENYL	ND	ND	1.1
CARBAZOLE	ND	1.8	3.9
DIBENZOFURAN	ND	3.7	6
ACENAPHTHENE	ND	4.3	6.6
ANTHRACENE	ND	6	9.5
BENZO(a)ANTHRACENE	ND	7.2	10
BENZO(a)PYRENE	ND	5.4	8
BENZO(b)FLUORANTHENE	ND	8.6	12
BENZO(g,h,i)PERYLENE	ND	2.8	4.6
BENZO(k)FLUORANTHENE	ND	2.8	3.7
CHRYSENE	ND	6.2	8.7
DIBENZA(a,h)ANTHRACENE	ND	ND	0.82
FLUORANTHENE	ND	19	27
FLUORENE	ND	5.6	9.1
INDENO(1,2,3-cd)PYRENE	ND	2.1	3
2-METHYLNAPHTHALENE	ND	3.1	4.3
NAPHTHALENE	6.5	11	18
PHENANTHRENE	ND	25	38
PYRENE	ND	16	23

LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL
- HISTORIC MONITORING WELL
- TEST PIT LOCATION
- APPROXIMATE LOCATION OF FORMER MGP STRUCTURES
- SOIL GAS LOCATION
- INDOOR AIR SAMPLING LOCATION
- AMBIENT AIR SAMPLING LOCATION
- NAPL OBSERVED

NOTES:

1. ALL CONCENTRATIONS ARE IN PARTS PER MILLION (ppm).
2. SHADED VALUES EXCEED 6 NYCRR PART 375 UNRESTRICTED SOIL CLEANUP OBJECTIVES.
3. ND = NOT DETECTED
4. R = REJECTED RESULT BASED ON DATA VALIDATION.
5. IH = INSIDE GASHOLDER
6. OH = OUTSIDE GASHOLDER
7. HISTORIC MONITORING WELLS MW-T1 AND MW-T2 ARE DAMAGED AND NOT USEABLE.
8. REFUSAL WAS ENCOUNTERED WITHIN THE TOP 2 FT AT LOCATION MW-4. THEREFORE A MONITORING WELL COULD NOT BE INSTALLED.

50 25 0 50 100

SCALE: 1"=50'

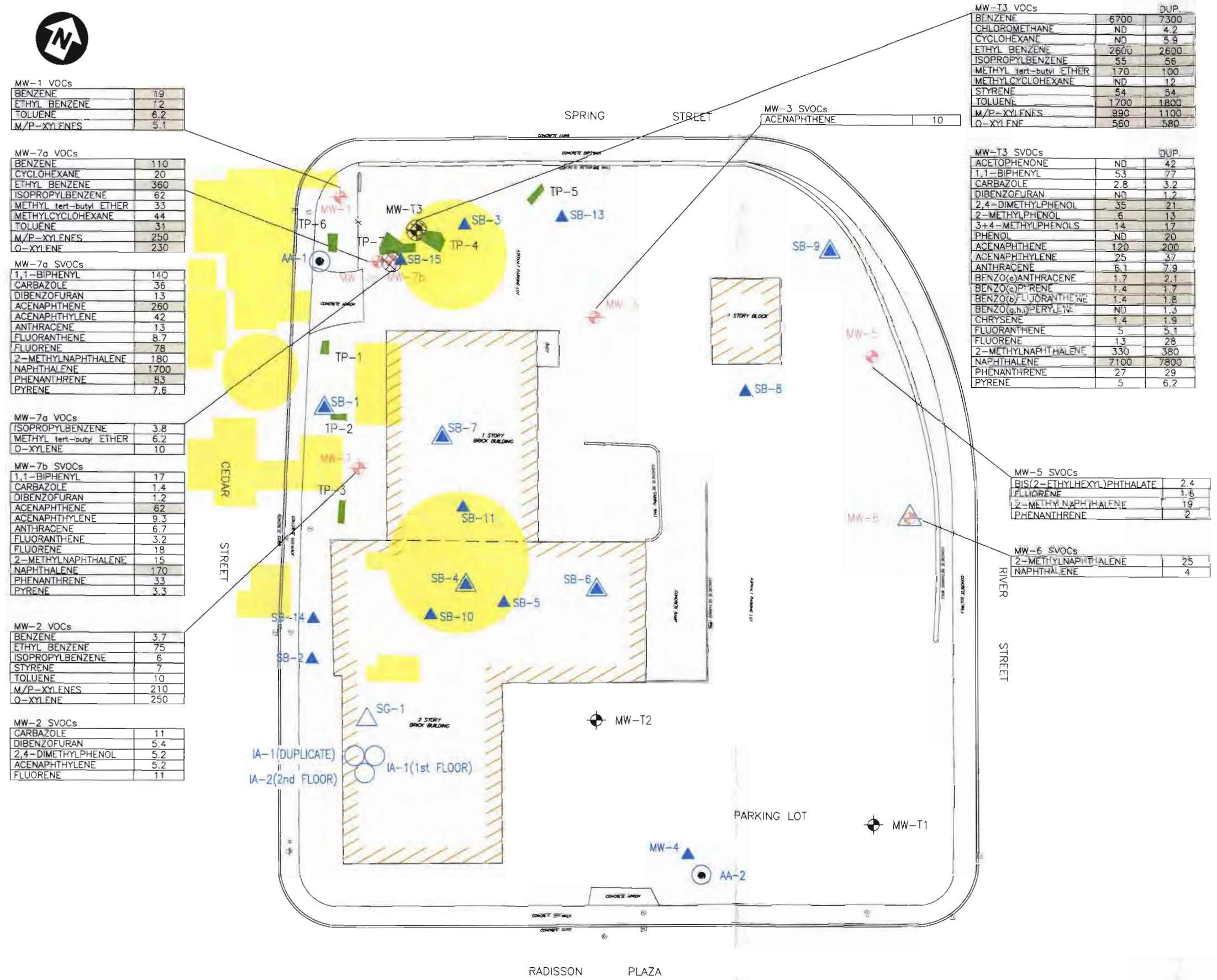
FIGURE 6

CONSOLIDATED EDISON
CEDAR STREET WORKS
NEW ROCHELLE, NY

SUMMARY OF SVOCs DETECTED IN SUBSURFACE SOIL

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

FILE NAME: P:\CONED\442098 - CEDAR STREET\CAD\DWGS FROM BOSTON\442098-SK002.DWG
PLOT DATE: 7/31/2009 1:40 PM PLOTTED BY: HALL, STEVE E



MW-1 VOCs	
BENZENE	19
ETHYL BENZENE	12
TOLUENE	6.2
M/P-XYLENES	5.1

MW-7a VOCs	
BENZENE	110
CYCLOHEXANE	20
ETHYL BENZENE	360
ISOPROPYLBENZENE	62
METHYL tert-butyl ETHER	33
METHYLCYCLOHEXANE	44
TOLUENE	31
M/P-XYLENES	250
O-XYLENE	230

MW-7a SVOCs	
1,1-BIPHENYL	140
CARBAZOLE	36
DIBENZOFURAN	13
ACENAPHTHENE	260
ACENAPHTHYLENE	42
ANTHRACENE	13
FLUORANTHENE	8.7
FLUORENE	78
2-METHYLNAPHTHALENE	180
NAPHTHALENE	1700
PHENANTHRENE	83
PYRENE	7.6

MW-7a VOCs	
ISOPROPYLBENZENE	3.8
METHYL tert-butyl ETHER	6.2
O-XYLENE	10

MW-7b SVOCs	
1,1-BIPHENYL	17
CARBAZOLE	1.4
DIBENZOFURAN	1.2
ACENAPHTHENE	62
ACENAPHTHYLENE	9.3
ANTHRACENE	6.7
FLUORANTHENE	3.2
FLUORENE	18
2-METHYLNAPHTHALENE	15
NAPHTHALENE	170
PHENANTHRENE	33
PYRENE	3.3

MW-2 VOCs	
BENZENE	3.7
ETHYL BENZENE	75
ISOPROPYLBENZENE	6
STYRENE	7
TOLUENE	10
M/P-XYLENES	210
O-XYLENE	250

MW-2 SVOCs	
CARBAZOLE	11
DIBENZOFURAN	5.4
2,4-DIMETHYLPHENOL	5.2
ACENAPHTHYLENE	5.2
FLUORENE	11

MW-3 SVOCs	
ACENAPHTHENE	10

MW-T3 VOCs		DUP.
BENZENE	6700	7300
CHLOROMETHANE	ND	4.2
CYCLOHEXANE	ND	5.9
ETHYL BENZENE	2600	2600
ISOPROPYLBENZENE	55	56
METHYL tert-butyl ETHER	170	100
METHYLCYCLOHEXANE	ND	12
STYRENE	54	54
TOLUENE	1700	1800
M/P-XYLENES	990	1100
O-XYLENE	560	580

MW-T3 SVOCs		DUP.
ACETOPHENONE	ND	42
1,1-BIPHENYL	53	77
CARBAZOLE	2.8	3.2
DIBENZOFURAN	ND	1.2
2,4-DIMETHYLPHENOL	35	21
2-METHYLPHENOL	6	13
3+4-METHYLPHENOLS	14	17
PHENOL	ND	20
ACENAPHTHENE	120	200
ACENAPHTHYLENE	25	37
ANTHRACENE	6.1	7.9
BENZO(a)ANTHRACENE	1.7	2.1
BENZO(a)PYRENE	1.4	1.7
BENZO(b)FLUORANTHENE	1.4	1.8
BENZO(g,h,i)PERYLENE	ND	1.3
CHRYSENE	1.4	1.9
FLUORANTHENE	5	5.1
FLUORENE	13	28
2-METHYLNAPHTHALENE	330	380
NAPHTHALENE	7100	7800
PHENANTHRENE	27	29
PYRENE	5	6.2

MW-5 SVOCs	
BIS(2-ETHYLHEXYL)PHTHALATE	2.4
FLUORENE	1.6
2-METHYLNAPHTHALENE	19
PHENANTHRENE	2

MW-6 SVOCs	
2-METHYLNAPHTHALENE	25
NAPHTHALENE	4

LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL
- HISTORIC MONITORING WELL
- TEST PIT LOCATION
- APPROXIMATE LOCATION OF FORMER MGP STRUCTURES
- SOIL GAS LOCATION
- INDOOR AIR SAMPLING LOCATION
- AMBIENT AIR SAMPLING LOCATION
- NAPL OBSERVED

NOTES:

1. ALL CONCENTRATIONS ARE IN PARTS PER BILLION (ppb).
2. SHADED VALUES EXCEED NYSDEC GROUNDWATER QUALITY STANDARDS OR GUIDANCE VALUES (TOGS 1.1.1).
3. VOCs WERE NOT DETECTED IN GROUNDWATER SAMPLES COLLECTED FROM MW-3, MW-5 AND MW-6.
4. SVOCs WERE NOT DETECTED IN THE GROUNDWATER SAMPLE COLLECTED FROM MW-1.
5. ND = NOT DETECTED
6. HISTORIC MONITORING WELLS MW-T1 AND MW-T2 ARE DAMAGED AND NOT USEABLE.
7. REFUSAL WAS ENCOUNTERED WITHIN THE TOP 2 FT AT LOCATION MW-4. THEREFORE A MONITORING WELL COULD NOT BE INSTALLED.

50 25 0 50 100

SCALE: 1"=50'

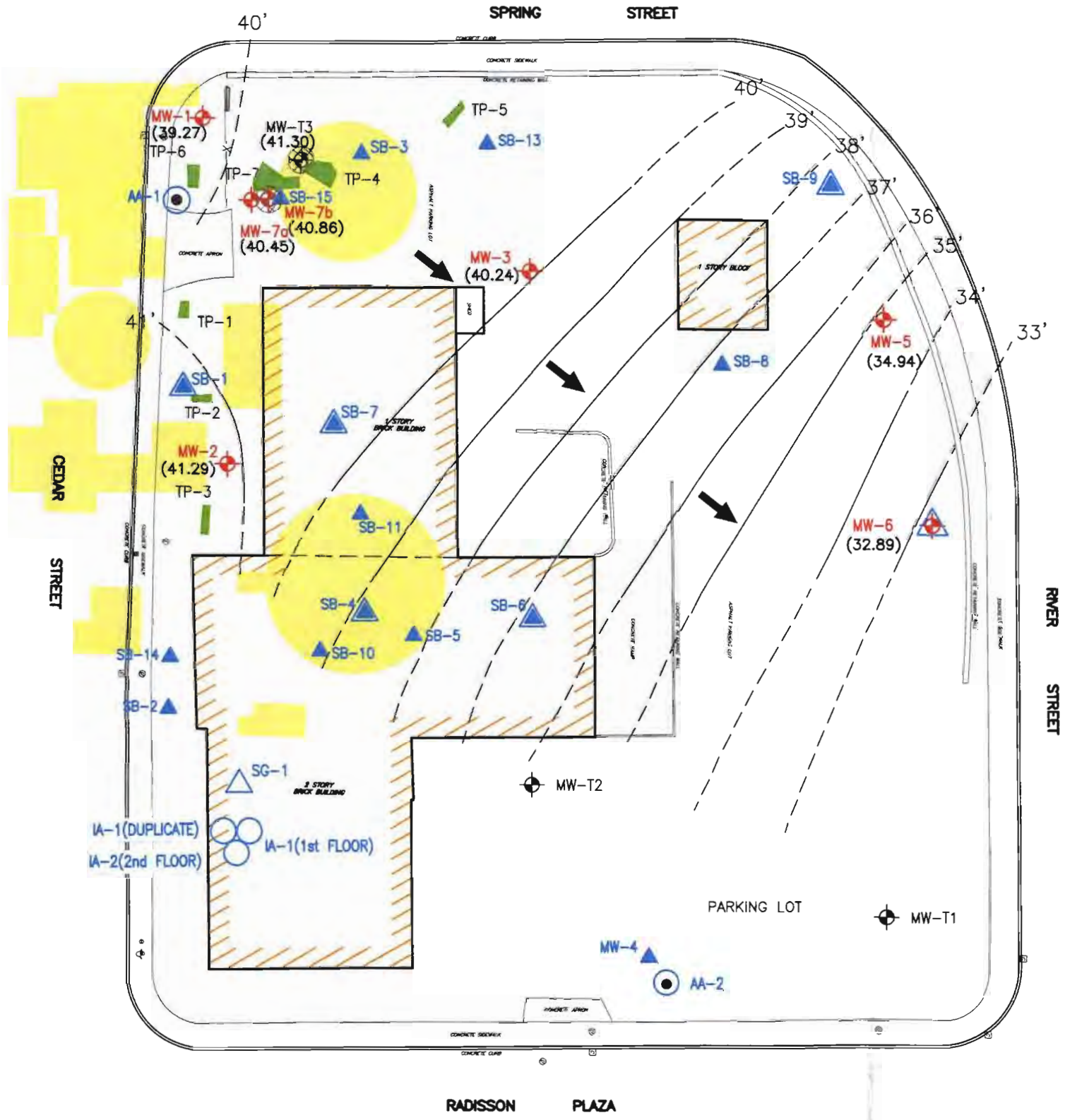
FIGURE 7

CONSOLIDATED EDISON
CEDAR STREET WORKS
NEW ROCHELLE, NY

SUMMARY OF VOCs & SVOCs DETECTED IN GROUNDWATER

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

FILE NAME: P:\CONED\442098 - CEDAR STREET\CAD\DWGS FROM BOSTON\442098-SK001.DWG
PLOT DATE: 4/16/2009 4:23 PM PLOTTED BY: WINTERS, CHRIS



LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL
- HISTORIC MONITORING WELL
- TEST PIT LOCATION
- APPROXIMATE LOCATION OF FORMER MGP STRUCTURES
- SOIL GAS LOCATION
- INDOOR AIR SAMPLING LOCATION
- AMBIENT AIR SAMPLING LOCATION
- GROUNDWATER ELEVATION CONTOUR
- (DASHED WHERE INFERRED)
- (32.89) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (NAVD 88) BASED ON 2/16/09 WATER LEVEL MEASUREMENTS
- NAPL OBSERVED

NOTES:

1. HISTORIC MONITORING WELLS MW-T1 AND MW-T2 ARE DAMAGED AND NOT USEABLE.

2. REFUSAL WAS ENCOUNTERED WITHIN THE TOP 2 FT AT LOCATION MW-4. THEREFORE A MONITORING WELL COULD NOT BE INSTALLED.

3. DATA FROM MONITORING WELL MW-T3 WAS NOT UTILIZED TO DEVELOP THE GROUNDWATER CONTOURS BECAUSE IT IS LOCATED WITHIN THE GASHOLDER AND THE WALLS OF THE GASHOLDER APPEAR TO BE INTACT.

4. THE GROUNDWATER CONTOUR DEVELOPED BASED ON DATA FROM MONITORING WELL MW-1 IS CONSIDERED INFERRED. ADDITIONAL DATA WILL BE COLLECTED DURING THE REMEDIAL INVESTIGATION.

50 25 0 50 100

SCALE: 1"=50'

FIGURE 8

CONSOLIDATED EDISON
CEDAR STREET WORKS
NEW ROCHELLE, NY

GROUNDWATER CONTOUR MAP

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

FILE NAME: P:\CONED\442098 - CEDAR STREET\CAD\442098-SK003.DWG
PLOT DATE: 4/20/2009 1:31 PM PLOTTED BY: RUSSO, JILL



LEGEND:

- SOIL BORING LOCATION
- MONITORING WELL
- HISTORIC MONITORING WELL
- TEST PIT LOCATION
- APPROXIMATE LOCATION OF FORMER MGP STRUCTURES
- SOIL GAS LOCATION
- INDOOR AIR SAMPLING LOCATION
- AMBIENT AIR SAMPLING LOCATION
- NAPL OBSERVED
- PROPOSED MONITORING WELL
- PROPOSED MONITORING WELL (OVERBURDEN & BEDROCK COUPLET)
- PROPOSED SC _ BORING
- PROPOSED TEST PIT

NOTES:

1. PROPOSED REMEDIAL INVESTIGATION SAMPLING LOCATIONS ARE SUBJECT TO CHANGE BASED ON ACCESSIBILITY, UTILITY CLEARANCE AND SITE CONDITIONS.

2. HISTORIC MONITORING WELLS MW-T1 AND MW-T2 ARE DAMAGED AND NOT USEABLE.

3. REFUSAL WAS ENCOUNTERED WITHIN THE TOP 2 FT AT LOCATION MW-4. THEREFORE A MONITORING WELL COULD NOT BE INSTALLED.

FIGURE 9

CONSOLIDATED EDISON
CEDAR STREET WORKS
NEW ROCHELLE, NY

PROPOSED REMEDIAL INVESTIGATION SAMPLING LOCATIONS

PARSONS
290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

FILE NAME: P:\CONED\442098 - CEDAR STREET\CAD\442098-SK005.DWG
PLOT DATE: 4/22/2009 2:22 PM PLOTTED BY: WINTERS, CHRIS

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Partly Cloudy, 30-40's, Wind 0-5 mph NW
DATE/TIME START:	December 4, 2008/07:40
DATE/TIME FINISH:	December 4, 2008/14:00
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-1

LOCATION:

Approximate L X W X D
= 6' X 2' X 6'
See Sample Location Map

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0 - 5" = Grass and Topsoil, some roots.	
	5"-2' = Brown fine medium SAND	
1		Headspace = 0.0 ppm
2	2-3' = Dark Gray fine medium SAND, some Slag, Cinders and Ash, little Cobble, trace Silt.	Headspace = 0.0 ppm
3	3-6' = Light Brown Clayey SILT.	Headspace = 0.0 ppm
4		
5		
6		
7		
8	Bottom of Excavation @ 7.5' bgs	
9		
10		
11		
12		

Comments: Two pipes were observed, 8" clay pipe located 3ft bgs near north end of test pit and a 1.25" metal culvert 4ft bgs.
Depth of test pit was limited to 6ft due to presence pipes and other obstructions.

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Partly Cloudy, 30-40's, Wind 0-5 mph NW
DATE/TIME START:	December 4, 2008/07:40
DATE/TIME FINISH:	December 4, 2008/14:00
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-1

LOCATION:

Approximate L X W X D
= 6' X 2' X 6'
See Sample Location Map

PHOTOGRAPH

Excavation Close-up Note Clay Pipe



Excavation Close-up Note Clay Pipe



PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Clear, 30-40's, Wind 0-5 mph NW
DATE/TIME START:	December 5, 2008/07:35
DATE/TIME FINISH:	December 5, 2008/14:00
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-2

LOCATION:

Approximate L X W X D
= 7.5' X 2.5' X 10.5'
See Sample Location Map

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0 - 5" = Grass and Topsoil, some roots.	
1	5"-13" = Brown/Dark Brown fine SAND, little Silt, fine Gravel, Cobble stone path.	Headspace = 0.0 ppm
2	13" - 3' = Dark Gray fine medium SAND, some Slag, Cinders and	Headspace = 0.0 ppm
3	Ash, fine course Gravel, trace Silt.	
	3 - 10.5' = Light Brown Clayey SILT.	Headspace = 0.0 ppm
4		
5		
6		
7		
8		
9		
10	Bottom of Excavation @ 10.5' bgs	
11		
12		

Comments: Two 2" PVC pipes were observed at 8 inches bgs on eastern end of test pit, one 1" metal conduit was observed at 3 ft bgs on western end of test pit. Groundwater was observed at 10.5 ft.

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Clear, 30-40's, Wind 0-5 mph NW
DATE/TIME START:	December 5, 2008/07:35
DATE/TIME FINISH:	December 5, 2008/14:00
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-2

LOCATION:

Approximate L X W X D
= 7.5' X 2.5' X 10.5'
See Sample Location Map

	PHOTOGRAPH
Excavation Close-up	
Excavation Close-up	

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Partly Cloudy, 30's, Wind 0-5 mph NW
DATE/TIME START:	December 9, 2008/08:05
DATE/TIME FINISH:	December 9, 2008/12:50
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	René N. Robles

TEST PIT ID: TP-3

LOCATION:

Approximate L X W X D
= 7' X 2' X 34"
See Sample Location Map

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0 - 5" = Grass and Topsoil, some roots.	
	5"-8" = Brown medium fine Sand, SILT, Gravel.	
1	8"-14" = Cobble stone foundation/path.	
	14"-34" = Brown medium fine Sand, SILT, course fine Gravel.	Headspace = 0.0 ppm
2		
		Headspace = 0.0 ppm
3	Bottom of Excavation @ 34" bgs	
4		
5		
6		
7		
8		
9		
10		
11		
12		

Comments: 1" metal pipe observed at 3 ft bgs. Test pit could not be expanded due to pipe and other obstructions.

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Partly Cloudy, 30's, Wind 0-5 mph NW
DATE/TIME START:	December 9, 2008/08:05
DATE/TIME FINISH:	December 9, 2008/12:50
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	René N. Robles

TEST PIT ID: TP-3

LOCATION:

Approximate L X W X D

= 7' X 2' X 34"

See Sample Location Map

PHOTOGRAPH

Excavation Close-up Note Metal Pipe



Excavation Close-up Note Metal Pipe



PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Partly cloudy, 40-50's, Wind 5-10 mph NW
DATE/TIME START:	December 1, 2008/08:20
DATE/TIME FINISH:	December 1, 2008/15:20
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-4

LOCATION:

Approximate L X W X D
= 10' X 3' X 7.5'
See Sample Location Map

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0 - 4" = Asphalt 4"-7" = Trap rock	
1	7" - 7.5' = Gray fine medium SAND, some Boulders and Cobbles (Schist), little fine course Gravel	Headspace = 0.3 ppm
2		
3		
4		
5		
6		
7		Moist @ ~7' bgs
8	Bottom of Excavation @ 7.5' bgs	
9		
10		
11		
12		

Comments: Large boulders encountered.

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Partly cloudy, 40-50's, Wind 5-10 mph NW
DATE/TIME START:	December 1, 2008/08:20
DATE/TIME FINISH:	December 1, 2008/15:20
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-4

LOCATION:

Approximate L X W X D
= 10' X 3' X 7.5'
See Sample Location Map

PHOTOGRAPH

Excavation Close-up Note Large Boulder (Southeast End of Test Pit)



PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Clear, 40-50's, Wind 0-5 mph NW
DATE/TIME START:	December 2, 2008/07:40
DATE/TIME FINISH:	December 2, 2008/15:30
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-5

LOCATION:

Approximate L X W X D
= 10' X 3' X 12.5'
See Sample Location Map

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0 - 4" = Asphalt	
	4"-7" = Trap rock	
1	7" - 7' 2" = Black/Dark Gray fine medium course SAND, some Slag	
	Coal Tar (Solid Phase)	Headspace = 0.1 ppm
2		
3		
4		
5		
6		
7	7' 2" - 12' = Orange/ Light Brown Clayey SILT.	Headspace = 0.0 ppm
8		
9		
10		
11	12'-12.2' = Orange/Brown fine to medium SAND, some Silt	Headspace = 0.0 ppm
	12.2'-12.5' = Dark Gray fine/medium course SAND, some Silt	Headspace = 435 ppm
12	Bottom of Excavation @ 12' bgs	

Comments: Groundwater noted at approximately 12.2 ft bgs, sheen observed.

Pictures not available.

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Clear, 30-40's, Wind 0-5 mph W
DATE/TIME START:	December 3, 2008/07:30
DATE/TIME FINISH:	December 3, 2008/12:30
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-6

LOCATION:

Approximate L X W X D
= 9' X 2.5' X 9.5'
See Sample Location Map

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0 - 4" = Grass and Topsoil	
1	4"-32" = Dark Brown fine medium SAND, some fine course Gravel, trace Silt.	Headspace = 0.0 ppm
2		
3	32"-44" = Dark Gray/Gray Slag, ash, some fine medium course SAND, little Silt.	Headspace = 0.1 ppm
4	44"-7' = Brown fine medium SAND, some fine course Gravel, little Silt.	
5		
6		
7	7-9.5' = Light Brown Clayey SILT.	
8	Bottom of Excavation @ 7.5' bgs	
9		
10		
11		
12		

Comments: 12" cast iron pipe encountered at 5.5 ft bgs. Scrap metal noted on south end of test pit 3 ft bgs.

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Clear, 30-40's, Wind 0-5 mph W
DATE/TIME START:	December 3, 2008/07:30
DATE/TIME FINISH:	December 3, 2008/12:30
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-6

LOCATION:

Approximate L X W X D
= 9' X 2.5' X 9.5'
See Sample Location Map

PHOTOGRAPH

Excavation Close-up Note 12" Cast Iron Pipe



Excavation Close-up Note 12" Cast Iron Pipe in Middle Scrap Metal on South End of Test Pit



PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Cloudy, Light Rain, 50's, Wind 0-5 mph NW
DATE/TIME START:	December 10, 2008/07:40
DATE/TIME FINISH:	December 10, 2008/13:45
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-7

LOCATION:

Approximate L X W X D
= 7' X 3.5' X 9'
See Sample Location Map

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0 - 4" = Asphalt.	
	4"-7" = Trap Rock, Light Brown fine medium SAND.	
1	7"-9' = Boulders, Cobble, some fine course Gravel, little fine medium Sand, trace Silt.	Headspace = 0.0 ppm
2		
3		
4		
5		
6		
7		Headspace = 5.9 ppm (inside holder)
8		Headspace = 189 ppm (outside holder)
9	Bottom of Excavation @ 9' bgs	
10		
11		
12		

Comments: Metal debris noted inside holder at 6 to 8 ft bgs. Odors noted starting at 7 ft bgs.

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Cloudy, Light Rain, 50's, Wind 0-5 mph NW
DATE/TIME START:	December 10, 2008/07:40
DATE/TIME FINISH:	December 10, 2008/13:45
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-7

LOCATION:

Approximate L X W X D
= 7' X 3.5' X 9'
See Sample Location Map

	PHOTOGRAPH
Excavation Close-up Inside of Holder Wall	
Excavation Close-up Outside of Holder Wall	

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Rainy, 40's, Wind 0-5 mph NW
DATE/TIME START:	December 11, 2008/08:15
DATE/TIME FINISH:	December 11, 2008/14:30
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-7(Ext)

LOCATION:

Approximate L X W X D
= 16' X 3' X 8'
See Sample Location Map

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0 - 4" = Asphalt.	
	4"-7" = Trap Rock, some fine medium SAND.	
1	7"-14" = Gray fine course SAND, some fine course Gravel, Ash, Cinder, Slag, trace Silt.	Headspace = 0.0 ppm
2	14"- 8' = Light Brown Fine Medium SAND, some fine course Gravel and Silt.	Headspace = 121 ppm
3		
4		
5		
6		
7		
8	Bottom of Excavation @ 8' bgs	
9		
10		
11		
12		

Comments: Test pit located on outside of holder wall and was an extension of TP-7.
12" pipe (Cast Iron) which was observed in TP-6 was not found.

PARSONS
TEST PIT RECORD

PROJECT NAME:	Con Edison: Cedar Street
PROJECT NUMBER:	442098-03000
WEATHER	Rainy, 40's, Wind 0-5 mph NW
DATE/TIME START:	December 11, 2008/08:15
DATE/TIME FINISH:	December 11, 2008/14:30
CONTRACTOR:	Environmental Closures, Inc.
INSPECTOR:	Paul A. Kies

TEST PIT ID: TP-7(Ext)

LOCATION:

Approximate L X W X D
= 16' X 3' X 8'
See Sample Location Map

	PHOTOGRAPH
Excavation Close-up Outside of Holder Wall	
Excavation Close-up Outside of Holder Wall	

APPENDIX B

MONITORING WELL LOGS AND SOIL BORING LOGS

PARSONS
DRILLING RECORD

BORING/ WELL NO. MW-1 Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Greg Rivera
Inspector: Paul Kies
Rig Type: LC-55

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

Location Plan

See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~11.0'	DTW 7.54'		
Date	12.15.08	12.19.08		
Time	1100	0840		
Meas From	Split Spoon	Top of Casing		

Weather: Cloudy, 40°-50°, 0-5 mph Wind (W)
Date/Time Start: 12.08.08 0915 12.15.08 0835
Date/Time Finish: 12.15.08 1115

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
		Hand Dug	NA	0	0-2" - GRASS
2		Hand Dug	NA	0	2-18" - Light Brown course-fine SAND, Silt, Clay, organic material, dry
		Hand Dug	NA	0	1.5-5' - Dark Brown black course fine SAND, Silt, Gravel, Cobbles, Brick
4		Hand Dug	NA	0	
		Hand Dug	NA	0	(Fill Material)
6			25	0	Brown fine to medium SAND, some course Sand and fine angular Gravel (Fill)
		2-2-2-3			
8			83	0	Brown light brown SILT, some fine to medium Sand, little fine angular Grav
		2-3-4-5			(moist at bottom of spoon)
10			83	0	0"-4" Dark Gray fine medium SAND, some Silt
	MW-1 (9-11)	2-3-9-11			4"-20" Light brown fine to medium coarse SAND
12			54	0	Gray Olive fine to medium course SAND, little Silt, fine angular Gravel, wet
		11-10-10-17			
14			83	0	Gray fine to medium course SAND, some fine angular Gravel, trace Silt
		7-8-7-5			
16			83	0	Gray fine to medium course SAND, some fine angular Gravel, trace Silt
	MW-1 (17'-19)	7-7-6-9			
18			75	0	Gray fine to medium course SAND, some fine angular Gravel, trace Sil
		10-14-13-12			
20					**End of boring @ 18' bgs**
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

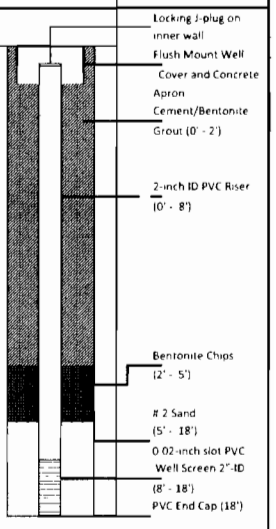


Diagram Not To Scale

COMMENTS

Duplicate sample collected from 17'-19' interval

SAMPLING METHOD
SS - SPLIT SPOON
A - AUGER CUTTINGS
C - CORED

0-5' - Hand Dug, 5-18' - continuous sampling with split spoons

PARSONS
DRILLING RECORD

BORING/ WELL NO. MW-2 — Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Greg Rivera
Inspector: Paul Kies
Rig Type: LC-55

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW 7.54'		
Date	12.15.08	12.19.08		
Time	1400	0840		
Meas. From	Split Spoon	Top of Casing		

Weather: Cloudy, 40°-50°, 0-5 mph Wind (W)
Date/Time Start: 12.10.08 0800 12.15.08 1300
Date/Time Finish: 12.15.08 1450

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
		Hand Dug	NA	0	0"-2" - GRASS
2		Hand Dug	NA	0	2"-12" - Light brown medium to fine SAND, SILT, CLAY and Organic material (topsoil)
		Hand Dug	NA	0	dry, 1'-5' = Brown course fine SAND and SILT, some coarse to medium fine Gravel
4		Hand Dug	NA	0	and Brick, little coarse to medium fine Cobbles
		Hand Dug	NA	0	(Fill Material)
6			75	0	0"-12" Brown fine to medium SAND, little Silt
	MW-2 (7-9)	2-2-3-3			12"-18" Brown SAND and SILT, some Gravel
8			75	0	0"-6" Brown SAND and SILT, some Grave
		3-3-11-9			6"-18" Brown fine to medium SAND, some angular Gravel, little Silt
10			92	0	Dark Brown fine to medium SAND, some Silt, fine angular Gravel
		9-5-9-15			
12			83	0	Light gray, light brown fine to medium SAND some Silt
		14-11-11-16			
14	MW-2 (13-15)		38	0	0"-6" Brown fine to medium SAND, some Silt
		4-50/3			6"-9" Weathered ROCK (Schist, Mica Fragments
16					**End of boring @ 14' bgs**
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

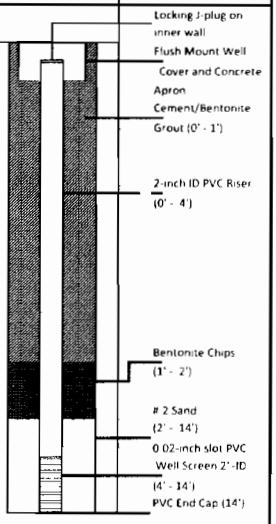


Diagram Not To Scale

COMMENTS

0'-5' = Hand Dug 5'-14' = continuous sampling with split spoons
Refusal at ~4' due to possible bedrock

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

Contractor: Advanced Drilling Technology
Driller: Chris Stratton
Inspector: Rene Robles
Rig Type: CME-75

PARSONS
DRILLING RECORD

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098 03000

BORING/ WELL NO. MW-3 Sheet 1 of 1
Location Description: Cedar Street, New Rochelle, NY

Location Plan
See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW 7.54'		
Date	12 12 08	12 19 08		
Time	0915	0840		
Meas From	Split Spoon	Top of Casing		

Weather: Cloudy, Wet, 58°, 0-10 mph Wind (W)
Date/Time Start: 12 05 08 0920 12 15 08 1020
Date/Time Finish: 12 15 08 1135

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL.
0					
		Hand Dug	NA	0	0-2" = ASPHALT
2		Hand Dug	NA	0	3"-4' = Brown coarse to fine SAND, SILT and GRAVEL(Gravel Subbase)
		Hand Dug	NA	0	4-5' = Dark brown course to fine SAND, SILT, GRAVEL, COBBLE, and BRICK, dry
4		Hand Dug	NA	0	
		Hand Dug	NA	0	(Fill Material)
6			25	10.5	Dark brown coarse fine SAND, some angular medium to fine Gravel, trace Silt and Asphalt (Fill)
		10-6-2-2			
8			50		Brown light brown fine SAND, Silt, some coarse to fine Sand, trace Asphalt dry (Fil
		1-2-2-16			
10			58		Brown light brown coarse to fine SAND, some Silt and Gneiss, dry (Fill)
		26-27-50.3"			
12					GNEISS
		Auger			
14	MW-3 (14-14.5'	50.4"-50.5"	50		White and black SCHIST and dark brown coarse to fine SAND, some angular Gravel, wet
			17		White and Black SCHIST and dark brown coarse to fine SAND, some angular Gravel, wet
16	MW-3 (16')	50.0"			GNEISS
					End of boring @ 16' bgs
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

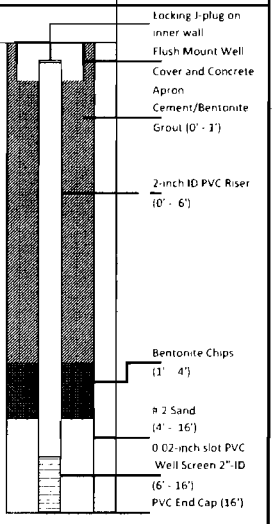


Diagram Not To Scale

COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug 5-16' = continuous sampling with split spoons
Gneiss in tip of spoon at 16' bgs

PARSONS
DRILLING RECORD

BORING/ WELL NO. MW - 4 Sheet 1 of 1

Contractor: ADT
Driller: Bernard Cruz Chris Iodice
Inspector: Rene Robles
Rig Type: Vac-tron

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

Location Plan

See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas. From				

Weather: Clear, Cold, 30's-40's, Winds W 0-5 mph
Date/Time Start: 12 3 08 1220
Date/Time Finish: 12 3 08 1250

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)	COMMENTS
+3							
+2							
+1							
0		Vac-tron		NA	0"-4" = Asphalt, 4"-8" = Gravel sub-base, (trap rock).	[redacted]	
1		Vac-tron		0.0	8"-18" = Brown course fine SAND, some Silt, Gravel, Broken Concrete, Brick		
2		Vac-tron		0.0	Fill Material.		
3					**End of Boring at 18" bgs**		
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							

SAMPLING METHOD
WH WEIGHT OF RODS
HC HAND CLEARED
VC VACUUM CLEARED
GP GEOPROBE DIRECT PUSH

COMMENTS:
Boring was hand cleared to 18"bgs.
Refusal at 18" due to possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. MW-5 — Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton
Inspector: Rene Robles
Rig Type: CME-75

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

Location Plan

See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW 7.54'		
Date	12.12.08	12.19.08		
Time	0915	0840		
Meas From	Split Spoon	Top of Casing		

Weather: Rainy, 40°s, 0-5 mph Wind (W)

Date/Time Start: 12.05.08 0920 — 12.12.08 0915

Date/Time Finish: 12.12.08 1130

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
		Hand Dug	NA	0	0-3" = ASPHALT
2	MW-5 (2-3)	Hand Dug	NA		3"-12" = Brown coarse to fine SAND, SILT, and GRAVEL
		Hand Dug	NA	0.6	1-5' = Dark brown coarse to fine SAND, SILT, GRAVEL, some Metal and Wood little Cobble
4		Hand Dug	NA		
		Hand Dug	NA		(Fill Material)
6			42	0	Brown fine to medium SAND, some medium to fine Gravel (Fill)
		43-16-6-3			
8			50	0	Brown dark brown fine to medium SAND and SILT, some angular Gravel and coarse Sand mor
		4-4-4-4			
10			33	0	Dark gray gray fine SAND and SILT, some fine angular Gravel, wet, hydrocarbon like odor
	MW-5 (11-13)	1-1-2-1			
12			42	28.7	Dark gray gray fine SAND and SILT, some fine angular Gravel, wet, hydrocarbon like odor
	MW-5 (13-15)	4-3-4-5			
14			33	27.9	Dark gray gray fine SAND and SILT, some fine angular Gravel, wet
		4-2-5.1"			
16					**End of boring @ 14' bgs**
18					
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

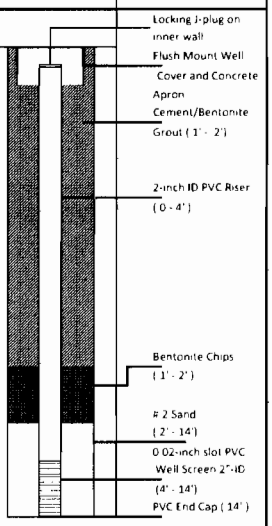


Diagram Not To Scale

COMMENTS

SAMPLING METHOD
SS – SPLIT SPOON
A – AUGER CUTTINGS
C – CORED

0-5' Hand Dug, 5'-14' continuous sampling with split spoons
Refusal at 14' due to possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. MW-6 — Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton
Inspector: René Robles
Rig Type: CME-75

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

Weather: Rainy, 40's, 0-5 mph Wind (W)

Date/Time Start: 12 02 08 1300 12 12 08 0915

Date/Time Finish: 12 12 08 1130

Location Plan

See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW 7.54'		
Date	12 12 08	12 19 08		
Time	0915	0840		
Meas From	Split Spoon	Top of Casing		

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
		Hand Dug	NA	0.0	0"-3" = ASPHALT
2		Hand Dug	NA		3"-8" = GRAVEL SUBBASE.
		Hand Dug	NA		8"-5' = Light brown coarse to fine SAND, SILT, GRAVEL, CONCRETE, and BRICK
4		Hand Dug	NA		
		Hand Dug	NA		(Fill Material)
6			33	1.5	Brown fine SAND and SILT, some rounded fine Gravel (Fill)
		1-2-4-9			
8			0	0.0	Brown coarse angular GRAVEL and BRICK (Fill)
		4-4-17-8			
10			58	1.4	Dark brown-gray coarse to fine SAND, and SILT, some fine angular Gravel. (Fill)
		4-3-8-15			Hydrocarbon like odor, wet
12			58	7.8	Gray coarse to fine SAND, some Silt and rounded Gravel, wet (Fill)
		45-35-50/2"			
14			67	32.9	Brown gray medium to fine SAND, some Silt coarse to fine Gravel, and Brick (Fill)
		5-6-7-17			
16	MW-16 (15-17')		75	46.5	Brown-gray coarse to fine SAND, some Silt and rounded Gravel. Hydrocarbon like odor
		6-6-12-50/1"			and Staining at 16' bgs
18	MW-16 (17-19)	50/4"	17	46.5	Brown-gray coarse to fine SAND, some Silt and rounded Gravel. Hydrocarbon like odor
					End of boring @ 17.4' bgs
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

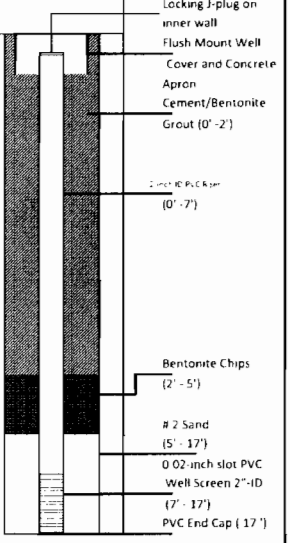


Diagram Not To Scale

COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug, 5-17.4' = continuous sampling with split spoons
Refusal at 17.4' due to possible bedrock

Contractor: Advanced Drilling Technology
Driller: Chris Stratton
Inspector: René Robles
Rig Type: CME-75

PARSONS
DRILLING RECORD

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

BORING/ WELL NO. MW-7a Sheet 1 of 1
Location Description: Cedar Street New Rochelle NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW 7.54'		
Date	1-09-08	12 19 08		
Time	0915	0840		
Meas From	Split Spoon	Top of Casing		

Weather: Rainy, 40°s, 0-5 mph Wind (W)
Date/Time Start: 1 06 09 0840 1 07 09 1325
Date/Time Finish: 1 07 09 1600

Location Plan
See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
		Hand Dug	NA	0.0	0"-3" = ASPHALT
2		Hand Dug	NA	0.0	3"-4' = Orange brown coarse to fine SAND and SILT, some coarse to fine
		Hand Dug	NA	0.0	Gravel and Cobbles dry
4		Hand Dug	NA	0.0	4'-4.5' = Orange brown coarse to fine SAND and SILT, some coarse to fine Gravel and Cobbles
		Hand Dug	NA	0.0	dry, (Fill Material)
6		4-4-7-5	0	0.0	No recovery
8		7-8-7-9	25	3.6	Brown coarse to fine SAND, some Silt, coarse medium to fine Gravel, wet (Fil
10		5-6-5-16	6"	2.3	0"-8" Yellow brown fine SAND and SILT, moist (Fill)
					8"-16" Brown SILT, some fine Sand, moist (Fill)
12		20-20-19-20	83	13.8	Brown SILT, some fine Sand, moist (Fill)
14		6-7-7-6	8	0	Brown fine SAND some Silt, coarse medium to fine Gravel, wet (Fill)
16		5-5-5-5	50	4.7	Brown fine SAND, some Silt, coarse medium to fine Gravel, wet, Hydrocarbon like odor (Fill)
18		20-20-50/3"	25	125	Green gray fine SAND and SILT, moist, black Staining, Hydrocarbon like ode
	MW-7a(17-19)				
20		10-10-20-20	8	9.2	Brown fine SAND and SILT, moist, black Staining, Hydrocarbon like odor
	MW-7a(21-23)				
22		50/2"	1"	6.6	Brown fine SAND and SILT, moist, black Staining, Hydrocarbon like ode
					End of boring @ 21.5' bgs
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

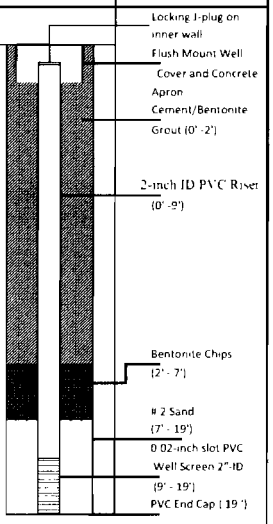


Diagram Not To Scale

COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-4.5 = Hand Dug 5-23 = continuous sampling with split spoons
Refusal at 21.5' due to possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. Sheet 1 of 1 — **MW-7b (SB-12)**

Contractor: Advanced Drilling Technology
Driller: Chris Stratton/Chris Migliori Frank DiCono
Inspector: René Robles
Rig Type: CME-75

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW 7.54'		
Date	1-13-09	12-19-08		
Time	0915	0840		
Meas From	Split Spoon	Top of Casing		

Weather: Rainy, 40°s, 0-5 mph Wind (W)

Date/Time Start: 12-02-08 0820 12-16-08 0755

Date/Time Finish: 1-13-09 1400

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
1		Vac-tron	NA	0.0	0"-3" = ASPHALT
2		Vac-tron	NA		3"-8" = GRAVEL Subbase.
3		Vac-tron	NA		8"-5' = Light brown coarse to fine SAND, SILT, GRAVEL, CONCRETE, and BRICK
4		Vac-tron	NA		
5		Vac-tron	NA		(Fill Material)
6			33	1.5	Brown fine SAND and Silt, some rounded fine Gravel
		1-2-4-9			
8			0	0.0	Brown course angular GRAVEL, and BRICK
		4-4-17-8			
10			58	1.4	Dark Brown gray coarse to fine SAND, SILT, and fine angular GRAVEL, hydrocarbon like odor wet
		4-3-8-15			
12	SB-12 (11-13')		58	7.8	Gray coarse to fine SAND, some Silt and rounded Gravel, wet
		45-35-50.2"			
14			6"	32.9	Brown gray medium to fine SAND, some Silt, coarse to fine Gravel, and Brick
		5-6-7-17			
16			75	46.5	Brown gray coarse to fine SAND, some Silt and rounded Gravel, hydrocarbon like odor, Staining and NAPL in 17-19' interval
		6-6-12-50.1"			
18	SB-12 (17-19')		17"	46.5	Brown gray coarse to fine SAND, some Silt and rounded Gravel, hydrocarbon like odo
		50.4"			
					End of overburden drilling @ 19' bgs
					19-43' Gneiss with lenses of schist and black stained vertical and horizontal fracture
					End of rock coring @ 43' bgs

SCHEMATIC

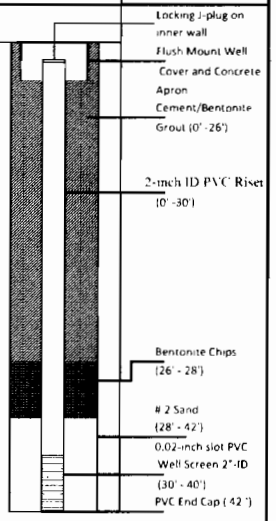


Diagram Not To Scale

COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug, 5-19' = continuous sampling with split spoons, 19-43' rock coring.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-1 Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Greg Rivera Bernie Cruz
Inspector: Paul Kies
Rig Type: LC-55

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW		
Date	12.16.08			
Time	1000			
Meas. from	Split Spoon			

Weather: Rainy Sleet, 30°s, 0-5 mph Wind (W)

Date/Time Start: 12.01.08 0850 12.16.08 1000

Date/Time Finish: 12.16.08 1100

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0						[redacted]	
1		Vac-tron	NA	0.0	0"-2" = GRASS		
2		Vac-tron	NA		2"-5' = Brown course fine SAND, SILT, GRAVEL, and COBBLES		
3		Vac-tron	NA				
4		Vac-tron	NA				
5		Vac-tron	NA		(Fill Material)		
6			50	0.0	Brown dark brown fine SAND, some Silt		
		WH-2-2-2					
8			83	0.0	Brown fine SAND, some Silt moist		
		2-2-2-2					
10	SB-1(9-11)		83	0.0	Brown fine to medium SAND, some Silt and Weathered Rock, wet		
		11-18-20-20					
12	SB-1(11-13)		29	0.0	Gray olive fine to medium Sand, some Weathered Rock		
		21-50.3"					
14					**End of boring @ 12' bgs**		
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug. 5-12' = continuous sampling with split spoons
Refusal at 12' due to possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-2 — Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton Chris Mighorr Frank DiCono
Inspector: René Robles
Rig Type: CME-75

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW		
Date	12/16/08			
Time	1230			
Meas From	Split Spoon			

Weather: Rainy, 40°s, 0-5 mph Wind (W)

Date/Time Start: 12/02/08 0820 - 12/16/08 0755

Date/Time Finish: 12/16/08 1130

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0.0	0"-3" = ASPHALT		
2		Vac-tron	NA		3"-8" = GRAVEL Subbase.		
3		Vac-tron	NA		8"-5' = Light brown coarse to fine SAND, Silt, Gravel, Concrete, and Brick		
4		Vac-tron	NA				
5		Vac-tron	NA		(Fill Material)		
6			67	0.0	0-8" Dark brown grey fine-medium SAND, some Silt		
		5-5-5-8			8-16" Weathered rock (Schist and Mica fragments)(fine angular Gravel) (Fill)		
8			75	0.0	0-7" Weathered rock(Shist and Mica fragments)		
		9-3-4-4			7-18" Brown fine SAND, some Silt. (Fill)		
10	SB-2 (9-11)		71	0.0	Orange Brown fine SAND, some Silt (moist).		
		4-6-9-14					
12			83	0.0	Red brown dark brown fine SAND, some Silt and fine angular Gravel (moist to wet)		
		15-19-21-21					
14			83	0.0	Red Brown fine SAND, some Silt and fine angular Gravel		
		9-11-8-13					
16			92	0.0	Red Brown fine-medium SAND, some fine angular Gravel (weathered rock) and Quartz		
		9-16-8-22					
18			50	0.0	Same as above 15-17' interval.		
		11-13-50/3"					
20			58	0.0	Red brown fine-medium-course SAND, some fine angular Gravel		
		5-8-11-11					
22			100	0.0	Same as above 19-21' interval		
		12-21-28-50/5"					
24			83	0.0	Red brown fine-medium SAND, some fine-course angular Gravel		
	SB-2 (23-25')	37-37-50/5"					
26					**End of boring @ 24.5' bgs**		
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug. 5-24.5' = continuous sampling with split spoons
Refusal at 24.5' due to possible bedrock.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-3 Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton Chris Migliori Frank DiCono
Inspector: Rene Robles
Rig Type: CME-75

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

Location Plan

See Site Plan

Weather: Partly cloudy 40's, 0-5 mph Wind (W)

Date/Time Start: 12.09.08 0820 12.18.08 0755

Date/Time Finish: 12.18.08 1400

GROUNDWATER OBSERVATIONS

Water Level	DTW ~10.0'	DTW		
Date	12.18.08			
Time	1215			
Meas. From	Split Spoon			

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0.0	0-4" = Asphalt		
2		Vac-tron	NA		4"-"" = Trap rock		
3		Vac-tron	NA		""-5' = Boulders (Schist), some fine course angular Gravel, some fine medium Sand		
4		Vac-tron	NA		trace Silt		
5		Vac-tron	NA		(Fill Material)		
6			42	34.9	Weathered SCHIST, dry (Fill)		
		1-1-25-22					
8			33	4.1	Weathered SCHIST, dry (Fill)		
		36-50.4"					
10			21	55.1	Dark Brown Black coarse SAND, some angular Gravel, stained, wet, hydrocarbon like		
	SB-3(11-13)	5-1-1.12"			odor (Fill)		
12			42	2266	Dark brown black coarse to fine SAND, some angular Gravel and Silt, staining,		
	SB-3(13)	50.3"			Hydrocarbon like odor, organic material (Fill)		
14			1	-	Weathered Rock gneiss, Brick fragments (Fill)		
		50.0"					
16			1	-	Weathered Rock gneiss, Brick fragments (Fill		
					End of boring @ 15.4' bgs		
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug 5-13' = continuous sampling with split spoons, 13'-15.4' roller bit encountered variable density zones
Split spoon refusal at 13.3' bgs

PARSONS
DRILLING RECORD

Contractor:	Advanced Drilling Technology
Driller:	Jeramie Mayer Bernie Cruz
Inspector:	René Robles
Rig Type:	LC-55
PROJECT NAME:	Consolidated Edison
PROJECT NUMBER:	442098.03000

BORING/ WELL NO. SB-4 Sheet 1 of 1

Location Description: Cedar Street, New Rochelle, NY

Location Plan

See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW		
Date	12 21 08			
Time	1400			
Meas From	Split Spoon			

Weather: Rainy, 40°s, 0-5 mph Wind (W)

Date/Time Start: 12 14 08 0820 12 21 08 1315

Date/Time Finish: 12 21 08 1525

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0.0	0"-13" = CONCRETE		
2		Vac-tron	NA		13"-5' = Yellow brown fine to medium SAND, trace Concrete		
3		Vac-tron	NA				
4		Vac-tron	NA				
5		Vac-tron	NA		(Fill Material)		
6			4	0.0	Yellow brown coarse fine SAND, some Silt, trace medium to fine Gravel, dry (Fill)		
		WH 24"					
8			100	0.0	Yellow brown coarse fine SAND, some Silt, trace medium to fine Gravel, dry (Fill)		
		WH 24"					
10			25	3	0"-4" Dark brown medium to fine SAND, some Silt, coarse to fine Gravel, slight		
		WH 6"-3-5-4			Hydrocarbon like odor, wet, 4"-6" Weathered SCHIST (Fill)		
12			33	3.5	same as above 11-13'		
		4-5-27-15					
14	SB-4(13-15')		33	5.8	0"-4" Gray coarse medium to fine SAND, trace Silt, wet (Fill)		
		11-16-5-3			4"-8" Black medium to fine SAND, strong Hydrocarbon like odor (Fill)		
16			25	10.1	0"-4" Gray brown coarse to fine SAND, some Silt, coarse fine Gravel, black		
		3-5-11-9			staining, wet 4-6" Light gray coarse to medium SAND, some Gravel, moist (Fill)		
18			50	10.8	0"-3" Dark gray coarse medium to fine SAND (Fill)		
					3"-12" Dark gray coarse medium to fine SAND, some coarse to fine Gravel, trace Silt,		
		8-15-11-9			black staining (Fill)		
20			11	0.0	Dark brown fine SAND and SILT, some coarse Gravel and Wood, black staining,		
		2-2-2-1			Hydrocarbon like odor (Fill)		
22	SB-4(21-23')		75	56.7	0"-8" Dark brown fine SAND and SILT, some coarse Gravel and Wood, black		
		45-32-27-17			staining, Hydrocarbon like odor 8"-18" Brown coarse to fine SAND, some Silt, coarse		
					to fine Gravel, Hydrocarbon like odor (Fill)		
24	SB-4(23-25')		11	6.4	Dark brown black medium to fine SAND, some Silt, coarse to medium fine Gravel,		
		11-50.2"			trace black Staining, hydrocarbon like odor, wet (Fill		
26					**End of boring @ 24' bgs**		
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug. 5-24' = continuous sampling with split spoons
Refusal at 24' due to possible bedrock.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-5 Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Jeramie Mayer Bernie Cruz
Inspector: René Robles
Rig Type: LC-55

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098 03000

Location Description: Cedar Street, New Rochelle, NY

Location Plan

See Site Plan

Weather: Rainy, 40°s, 0-5 mph Wind (W)

Date/Time Start: 1 4 09 1015 1 4 09 1315

Date/Time Finish: 1 4 09 1600

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10 0'	DTW		
Date	1 4 09			
Time	1400			
Meas from	Split Spoon			

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0 0	0"-18" = CONCRETE		
2		Vac-tron	NA		18"-2' = TRAP ROCK		
3		Vac-tron	NA		2'-5' Light brown fine SAND, little Silt, trace fine to coarse Gravel		
4		Vac-tron	NA				
5		Vac-tron	NA		(Fill Material)		
6			50	4.4	Brown medium to fine SAND, some Silt, trace coarse to fine Gravel, dry (Fill)		
		8-7-7-4					
8			17	1.7	Brown medium to fine SAND, coarse GRAVEL, and weathered GNEISS, some Silt,		
		3-4-3-2			black staining at 3" (Fill)		
10			25	6.2	0"-2" Brown medium to fine SAND and SILT, trace coarse Gravel, wet (Fill)		
		2-2-2-3			2"-6" Dark gray coarse to fine SAND, SILT, and medium to fine GRAVEL, black stain at 5" (Fill		
12			25	2 1	Dark gray coarse medium to fine SAND, some fine Gravel, trace Silt, Hydrocarbon like odor		
		2-1-2-2					
14			75	0 9	Brown medium to fine SAND and SILT, trace fine Gravel, saturated, Hydrocarbon like odor, black		
		2-2-1-1			staining at 4" (Fill)		
16			50	0 9	Gray brown medium to fine SAND and SILT, some coarse medium to fine Gravel, staining at 8"		
		1-1-1-2			(Fill)		
18			50	0.9	Green brown medium to fine SAND and SILT, some fine Gravel, staining at 9"		
	SB-5 (19-21')	1-1-1-1			(Fill)		
20			75	10.2	0"-12" Green brown coarse to fine SAND and SILT, trace Gravel, staining at 10" (Fill)		
	SB-5 (21-23')	2-5-9-14			12"-18" Black fine SAND and SILT, heavy staining (Fill)		
22			25	6 2	Green brown coarse to fine SAND, trace Silt and coarse to medium Gravel, heavy		
		50 4"			staining at 4" (Fill)		
24		60 0"	0	-	Refusal.		
					End of boring @ 23'		
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug. 5-23' = continuous sampling with split spoons
Refusal at 23' due to possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-6 — Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton, Greg Rivera
Inspector: Mike Wilkinson
Rig Type: LC-55

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW		
Date	1.4.09			
Time	1400			
Meas From	Split Spoon			

Weather: Rainy, 40°s, 0-5 mph Wind (W)
Date/Time Start: 1.4.09 1230
Date/Time Finish: 1.4.09 1445

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0.0	0"-8" = CONCRETE		
2		Vac-tron	NA		8"-11" = Yellow brown fine SAND, dry, loose		
3		Vac-tron	NA		11"-5' Dark brown medium to fine SAND, little fine coarse Gravel, trace Silt, Brick,		
4		Vac-tron	NA		Concrete, Glass, and Slag		
5		Vac-tron	NA		(Fill Material)		
6			25	0.7	Dark gray fine to coarse SAND, little fine to coarse Gravel, trace Silt, Brick,		
		3-2-1-2			moist, very loose (Fill)		
8			33	1.2	Dark gray fine to coarse SAND, trace fine Gravel, trace Silt		
		1-1-2-1			3-7" SILT (Fill)		
10			11	0.1	Gray SILT, little fine Sand, wet		
		2-2-5-5					
12	SB-6 (11-13')		33	55.5	0"-2" Dark gray SILT, trace fine Sand, Stained		
		1-1-2-2			2"-8" Light gray CLAY, wet		
14			71	5.1	0"-7" Light gray SILT, moist		
		10-8-10-10			7"-17" Light brown fine to medium SAND, trace Silt, wet		
16			92	23.5	0"-10" Gray SILT, micaceous at 6"-7", wet		
		10-10-9-10			10"-22" Light brown fine to medium SAND, trace fine coarse Gravel and Silt		
18			100	15.1	0"-7" Light gray SILT, wet, stiff, stained at 5"-7", 7"-20" Light brown fine to medium SAND,		
		18-10-12-13			and Gravel; 20"-24" Weathered SCHIST, Hydrocarbon like odor		
20	SB-6 (19-21')		29	0.7	Weathered SCHIST, Hydrocarbon like odor		
		42-42-50/3"					
22					**End of boring @ 21.5'**		
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug, 5-21.5' = continuous sampling with split spoons
Refusal at 21.5' due to possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-7 Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton Greg Rivera
Inspector: René Robles
Rig Type: LC-55

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~8'	DTW		
Date	1 4 09			
Time	0930			
Meas From	Split Spoon			

Weather: Rainy, 40°s, 0-5 mph Wind (W)

Date/Time Start: 12 02 08 0820 12 16 08 0755

Date/Time Finish: 1 4 09 1130

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0.0	0-3" = CONCRETE		
2		Vac-tron	NA		3"-8" = GRAVEL Subbase		
3		Vac-tron	NA		8"-5' = Light brown coarse to fine SAND, Silt, Gravel, Concrete, and Brick		
4		Vac-tron	NA				
5		Vac-tron	NA		(Fill Material)		
6			25	3.3	Grey dark grey medium-fine SAND, some Silt, fine-medium-course angular to subangular		
		16-5-3-4			Gravel, dry, (Fill)		
8			33	2.4	Dark grey fine SAND, Silt medium-fine Sand, Silt, medium-fine angular Gravel,		
		2-2-3-4			last 2" wet, slight Hydrocarbon like odor (Fill)		
10			25	6.4	0"-3" Same as above 7-9' (Fill)		
		5-5-4-4			3"-6" Light grey course-fine SAND, Silt, Dry, Slight Hydrocarbon like odor (Fill)		
12	SB-7 (11-13')		75	18.7	0"-6" Dark grey course-medium-fine SAND, Silt, medium-fine subangular Gravel, wet (Fill)		
		8-11-16-21			6"-18" Light grey SILT, some Sand, trace fine subangular Gravel, Hydrocarbon like odor		
14			12	18.0	Green grey SILT, some fine Sand, trace course subangular Gravel, moist		
		14-14-18-19					
16	SB-7 (15-17')		6"	50.2	0"-10" Brown grey course-medium-fine SAND, some Silt, trace medium-fine angular Gravel		
		14-50 5"			10"-16" Yellow-grey brown SILT, trace medium-fine subangular Gravel, Hydrocarbon like odo		
18					**End of boring @ 17' bgs**		
20							
22							
24							
26							
28							
30							
32							
34							
36							
38							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug, 5-17' = continuous sampling with split spoons
Refusal at 17' due to possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB - 8 Sheet 1 of 1

Contractor: ADT
Driller: Bernard Cruz. Chris Iodice
Inspector: Rene Robles
Rig Type: Vac-tron

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

Location Plan
See Site Plan

GROUNDWATER OBSERVATIONS				
Water Level				
Date				
Time				
Meas From				

Weather: Clear, Cold, 30's-40's, Winds W 0-5 mph
Date/Time Start: 12 3 08 0840
Date/Time Finish: 12-3 09 1020

Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)	COMMENTS
+3							
+2							
+1							
0		Vac-tron		NA	0"-5" = Asphalt	[redacted]	
1		Vac-tron		0.0	5"-1' = Gravel sub-base, (trap rock)		
2		Vac-tron		0.0	1'-2.5' = Dark brown course-fine SAND, Silt Gravel, Broken concrete, metal and		
3		Vac-tron		0.0	wood debris, Cobblestone or bedrock refusal (Fill		
4					**End of Boring at 2.5' bgs**		
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							

SAMPLING METHOD
WH WEIGHT OF RODS
HC HAND CLEARED
VC VACUUM CLEARED
GP GEOPROBE DIRECT PUSH

COMMENTS:
Boring was hand cleared to 2.5' bgs.
Four attempts made to clear this location. Refusal at 2.5' due to cobblestone overlying possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-9 Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton Chris Mighon Frank DiCono
Inspector: Chris Delmonico
Rig Type: CME-75

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW	DTW		
Date				
Time				
Meas From				

Weather: Rainy Sleet, 40's

Date/Time Start: 12 02 08 0820 12 16 08 0755

Date/Time Finish: 12 16 08 1130

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0.0	0-3" = ASPHALT		
2		Vac-tron	NA		3"-8" = GRAVEL Subbase		
3		Vac-tron	NA		8"-5' = Light brown coarse to fine SAND, SILT, GRAVEL, CONCRETE, and BRICK		
4		Vac-tron	NA				
5		Vac-tron	NA		(Fill Material)		
6			0	0.0	Brown black fine angular GRAVEL, some Sand and Silt		
		5-8-10-11					
8	SB-9 (7-9')	32-50.0"	29	0.0	Brown black SILT, some fine Sand, mois		
					End of boring @ 7.5' bgs		
10							
12							
14							
16							
18							
20							
22							
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug. 7.5' = continuous sampling with split spoons
Refusal at ~ 5' due to possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-10 — Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton/Greg Rivera
Inspector: Mike Wilkinson
Rig Type: LC-55

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW		
Date	1.4.09			
Time	1050			
Meas From	Split Spoon			

Weather: Rainy, 40°s, 0-5 mph Wind (W)

Date/Time Start: 12.21.08 0920 1.4.09 1045

Date/Time Finish: 1.4.09 1100

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0.0	0-1' = CONCRETE		
2		Vac-tron	NA		1'-1.5' = Brown coarse SAND and SILT, 1.5'-2' Dark brown coarse COBBLE		
3		Vac-tron	NA		2'-2.5' = Medium SAND and SILT and TAR PAPER, 2.5'-5' BOULDERS		
4		Vac-tron	NA				
5		Vac-tron	NA		(Fill Material)		
6			11	14.4	Dark brown fine GRAVEL, little fine Sand, trace Silt, Brick, and Cold Patch, Dry, loose (Fill)		
		1-3-3-3					
8			0	-	No Recovery, Rock at tip. (Fill)		
		1-1-1-1					
10			33	0.0	Gray SILT, little fine to medium Sand, trace Gravel, wet (Fill)		
		WR-WR-WR-18					
12			54	2.2	Gray SILT, little fine to medium Sand, wet (Fill)		
		8-6-2-1					
14			33	3.4	Gray fine SAND, little Silt, trace fine to coarse Gravel, wet (Fill)		
		WR-WH-3-2					
16			63	2.1	Gray fine SAND, little Silt, trace fine to coarse Gravel, wet (Fill)		
		2-2-4-2					
18			25	1.4	Gray fine SAND, little Silt, trace fine to coarse Gravel, wet (Fill)		
		2-2-1-2					
20	SB-10 (19-21')		75	5.3	Gray fine SAND, little Silt, trace fine to coarse Gravel, wet (Fill)		
		2-2-1-3					
22			100	2.2	Gray fine SAND, little Silt, trace fine to coarse Gravel, wet (Fill)		
		1-1-1-1					
24			8	1.3	Gray fine SAND, little Silt, little fine to coarse Gravel, wet (Fill)		
		1-2-2-1					
26					**End of boring @ 25' bgs**		
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug. 5-25' = continuous sampling with split spoons
Refusal at 25' due to possible bedrock.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-11 Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Jeramie Mayer Bernie Cruz
Inspector: Rene Robles
Rig Type: LC-55

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098 03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW		
Date	12 21 08			
Time	1115			
Meas from	Split Spoon			

Weather: Rainy, 40's, 0-5 mph Wind (W)
Date/Time Start: 12 21 08 0920 12 21 08 1100
Date/Time Finish: 12 21 08 1100

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0.0	0"-6" = CONCRETE		
2		Vac-tron	NA		6"-5' = Brown fine to medium SAND, little fine to coarse Gravel and Cobbles, Asphalt,		
3		Vac-tron	NA		and Concrete		
4		Vac-tron	NA				
5		Vac-tron	NA		(Fill Material)		
6			17	0.0	Brown medium to fine SAND, some Silt, hydrocarbon like odor, Dry (Fill)		
		5-6-14-12					
8			0	1.9	Gray coarse to fine SAND, some Silt, medium to fine Gravel, hydrocarbon like odor, wet (Fill)		
		13-10-8-14					
10			33	1.6	0"-3" Gray coarse to fine SAND, some Silt, medium to fine Gravel, hydrocarbon like odor, wet		
		3-11-3-2			3"-6" Gray medium to fine SAND, some medium Gravel, Dry (Fill)		
12			54	1.5	Gray medium to fine SAND, some Silt and medium to fine Gravel, wet (Fill)		
		1-2-1-1					
14			33	2.6	Gray medium to fine SAND, some Silt, trace coarse to fine Gravel, wet (Fill)		
		3-3-3-2					
16			63	1.6	Gray medium to fine SAND, some Silt, trace coarse to fine Gravel, wet (Fill)		
		2-2-4-2					
18	SB-11 (17'-19')		25	3.5	Gray medium to fine SAND, some Silt, trace coarse to fine Gravel, wet (Fill)		
		5-4-3-3					
20	SB-11 (19-21')		75	205	Gray coarse fine SAND, some coarse to fine Gravel, trace Silt, hydrocarbon like		
		28-31-31-19			odor, black staining, wet (Fill)		
22			100	-	No Recovery		
		50/3"					
24					**End of boring @ 23' bgs**		
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug, 5-23' = continuous sampling with split spoons
Refusal at 23' due to possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-13 Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton Chris Mighton Frank DiCono
Inspector: Chris Delmonico
Rig Type: CME-75

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10	DTW		
Date	12 16 08			
Time	1335			
Meas. From	Split spoon			

Weather: Rainy Sleet, 40's

Date/Time Start: 12 09 08 0800 12 16 08 0755

Date/Time Finish: 12 16 08 1130

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL
0					
1		Vac-tron	NA	0 0	0-5" = ASPHALT
2		Vac-tron	NA		5"-7" = TRAP ROCK
3		Vac-tron	NA		7"-6' = Brown black SILT, some fine Sand, moist
4		Vac-tron	NA		
5		Vac-tron	NA		(Fill Material)
6			50	15 2	Black ASH and CINDER, odor, moist (Fill)
		6-1-2-12			
8			38	25.3	Black ASH and CINDER, odor, moist (Fill)
		26-3-3-4			
10			83	30 1	9'-10' Black ASH and CINDER, odor, moist (Fill)
		8-8-8-12			10'-11' Yellow fine SAND, some Silt, dry
12	SB-13 (11-13')		100	101	11-13 Yellow green fine SAND, little Silt, moist
		13-15-12-12			
14	SB-13 (13-15')		83	118	Yellow green fine SAND, little Silt, moist, black staining 14-15'
		12-25-50 1"			
16			0	-	No Recovery
		50 2"			
18					**End of boring @ 15' bgs**
20					
22					
24					
26					
28					
30					
32					
34					
36					

SCHEMATIC

[redacted]

COMMENTS

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug. 5' = continuous sampling with split spoons
Refusal at 15' due to possible bedrock

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-14 Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton Chris Mighton Frank DiCono
Inspector: René Robles
Rig Type: CME-75

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~ 10.0'	DTW		
Date	12.16.08			
Time	0915			
Meas From	Split Spoon			

Weather: Rainy, 40°s, 0-5 mph Wind (W)
Date/Time Start: 12.10.08 0820 12.16.08 0755
Date/Time Finish: 12.16.08 1130

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0.0	0-3" = GRASS		
2		Vac-tron	NA		3"-18" = Light brown medium to fine SAND, SILT, CLAY, and medium fine GRAVEL, trace medium Cobbles, dry		
			NA		18"-3' = Dark brown black coarse medium to fine SAND and SILT, medium to fine		
3		Vac-tron	NA		Gravel, dry. 3-5' = Light brown medium to fine SAND, SILT, medium fine GRAVEL,		
4		Vac-tron	NA		trace medium Cobbles (Fill Material)		
5		Vac-tron	NA				
6			63	0.0	Brown fine medium SAND, moist		
		5-12-11-14					
8			83	0.0	Brown fine Sand, some SILT, moist		
		4-3-5-5					
10	SB-14 (9-11')		92	0.0	Light brown fine Sand, some Silt, moist		
		13-13-16-20					
12			83	0.0	Light brown fine SAND, some Silt		
		17-26-23-18					
14			83	0.0	Red brown fine to medium SAND, some Silt, little fine angular Gravel		
		7-21-16-17					
16			29	0.0	Red brown fine to medium SAND, trace Silt		
		9-15-16-14					
18			63	0.0	Red brown fine to medium SAND, trace Silt and Weathered Rock		
		18-40-26-26					
20			83	0.0	Red Brown brown fine to medium SAND, some coarse Sand, trace Silt		
		11-15-14-20					
22			100	0.0	Red Brown brown fine to medium SAND, some coarse Sand, trace Silt		
		26-27-42-50.5"					
24	SB-14 (23-25')		33	0.0	Grey fine to medium SAND, some fine angular Gravel, trace Silt		
		17-16-50.1"					
26					**End of boring @ 24' bgs**		
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' = Hand Dug, 5-24' = continuous sampling with split spoons
Refusal at 24' due to possible bedrock.

PARSONS
DRILLING RECORD

BORING/ WELL NO. SB-15 Sheet 1 of 1

Contractor: Advanced Drilling Technology
Driller: Chris Stratton Chris Miglion Frank DiCono
Inspector: René Robles
Rig Type: CME-75

PROJECT NAME: Consolidated Edison
PROJECT NUMBER: 442098.03000

Location Description: Cedar Street, New Rochelle, NY

GROUNDWATER OBSERVATIONS				
Water Level	DTW ~10.0'	DTW		
Date	1-12-09			
Time	1130			
Meas From	Split Spoon			

Weather: Rainy, 40°s, 0-5 mph Wind (W)

Date/Time Start: 1-6-09 0930 1-12-09 1120

Date/Time Finish: 1-12-09 1130

Location Plan

See Site Plan

Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0							
1		Vac-tron	NA	0.0	0-3" = ASPHALT		
2		Vac-tron	NA		3"-3' = Brown coarse medium to fine SAND and coarse medium angular Gravel		
3		Vac-tron	NA		3-5' – Brown coarse medium to fine SAND and coarse medium angular Gravel		
4		Vac-tron	NA				
5		Vac-tron	NA		(Fill Material)		
6			50	0.8	Dark brown coarse fine SAND and Weathered SCHIST, trace Silt, Dry. (Fill)		
		5-3-8-20					
8			25	1.1	Dark brown coarse fine SAND, some coarse to fine angular Gravel, wet (Fill)		
		10-8-7-7					
10			25	16	Dark grey coarse fine SAND and coarse fine angular GRAVEL, wet, black staining, odor (Fill)		
		6-5-3-2					
12			25	44.6	Dark grey medium fine SAND, some Silt, coarse to fine Gravel, and Brick, wet, black staining, hydrocarbon like odor (Fill)		
		3-4-4-4					
14	SB-15 (13-15')		11	1002	Black coarse fine SAND, some Silt, and Brick, trace fine Gravel, heavy black staining, hydrocarbon like odor (Fill)		
		1-1-1-38					
16	SB-15 (15-17')		21	1209	Black coarse fine SAND, some Silt, and Brick, trace fine Gravel, heavy black staining, hydrocarbon like odor (Fill)		
		50-1"					
18			0		No recovery. End soil boring begin rock coring		
					End of overburden drilling @ 17' bgs		
20					Schist with black stained horizontal and diagonal fractures throughout.		
22					**End of rock coring @ 22' bgs**		
24							
26							
28							
30							
32							
34							
36							

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

0-5' – Hand Dug. 5-17' = continuous sampling with split spoons. 17-22' rock coring

APPENDIX C

GROUNDWATER SAMPLING RECORDS

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: E. Lavy, R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-1
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 10.99'
Depth to Well Bottom (TOC): 17.08'

CALCULATIONS:					
2-inch Casing:	Ft. of Water in Wel 6.09'	x 0.16 =	0.97	Gallons	X 3 = 2.9 gal.
3-inch Casing:	Ft. of Water in Well	x 0.32 =		Gallons	
4-inch Casing:	Ft of Water in Well	x 0.64 =		Gallons	

Method:

SAMPLE DESCRIPTION

Odor : No odor PID = 0.1 ppm
Other : Very turbid

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	9:35	9:40	9:45	9:50	9:55	10:00	10:05	10:10
Depth To Water (TOC) (ft)	10.49	10.49	10.49	10.49	10.49	10.49	10.49	10.49
Depth To Pump (TOC) (ft)	16.08	16.08	16.08	16.08	16.08	16.08	16.08	16.08
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Volume of Water Purged								
pH (s.u.)	6.17	6.18	6.20	6.22	6.24	6.24	6.24	6.27
Conductivity (mS/cm)	0.632	0.627	0.626	0.698	0.619	0.620	0.620	0.626
Turbidity (NTUs)	error	error	error	error	error	error	error	error
Dissolved Oxygen (mg/L)	6.02	5.69	5.63	5.48	5.09	3.55	3.58	3.37
Temperature (Degrees C)	11.15	11.57	11.84	11.29	11.36	13.06	13.05	12.35
ORP (mV)	250	250	253	253	255	256	258	258
Salinity (%)	0	0	0	0	0	0	0	0
TDS (g/L)	0.41	0.39	0.4	0.41	0.4	0.4	0.4	0.4

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1050 / ~ 5.0 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: E. Lavy, R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-1 (Continued)
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 10.99'
Depth to Well Bottom (TOC): 17.08'

CALCULATIONS:					
2-inch Casing:	Ft. of Water in Well 6.09'	x 0.16 =	0.97	Gallons	3 well vol. = 2.9 gal
3-inch Casing:	Ft. of Water in Well	x 0.32 =		Gallons	
4-inch Casing:	Ft. of Water in Well	x 0.64 =		Gallons	

Method:

SAMPLE DESCRIPTION

Odor: No odor PID = 0.1 ppm
Other: Very turbid

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	10:15	10:20	10:25	10:30	10:35	10:40	10:45	10:50
Depth To Water (TOC) (ft)								
Depth To Pump (TOC) (ft)								
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Volume of Water Purged								5.5 Gallons
pH (s.u.)	6.27	6.27	6.26	6.26	6.33	6.32	6.33	
Conductivity (mS/cm)	0.616	0.587	0.588	0.588	0.591	0.591	0.592	
Turbidity (NTUs)	error	error	error	error	error	error	error	
Dissolved Oxygen (mg/L)	2.83	3.24	3.25	3.27	3.16	3.18	3.25	
Temperature (Degrees C)	12.82	13.32	13.31	13.32	12.95	12.79	12.35	
ORP (mV)	260	259	258	260	261	261	261	
Salinity (%)	0	0	0	0	0	0	0	
TDS (g/L)	0.4	0.4	0.39	0.38	0.38	0.38	0.37	

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1050 / ~ 5.0 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: E. Lavy, R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-2
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 10.05'
Depth to Well Bottom (TOC): 13.64

CALCULATIONS: Ft. of Water in Wel 3.59 X (GAL / FT) = Gallons
2-inch Casing: Ft. of Water in Wel 3.59 x 0.16 = 0.57 Gallons X 3 = 1.7 gals.
3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
Method:

SAMPLE DESCRIPTION

Odor : Slight HC odor PID = 0.1 ppm
Other : very turbid

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE	
Time	12:00	12:05	12:10	12:15	12:20	12:25	12:40	
Depth To Water (TOC) (ft)	10.05							
Depth To Pump (TOC) (ft)	12.64							
Flow Rate (ml/min)	200							
Volume of Water Purged							2 gallons	
pH (s.u.)	6.30	6.32	6.31	6.24	6.25	6.23		
Conductivity (mS/cm)	0.703	0.705	0.707	0.765	0.798	0.821		
Turbidity (NTUs)	error	error	error	error	924	error		
Dissolved Oxygen (mg/L)	4.27	4.02	3.57	0.00	0.00	0.00		
Temperature (Degrees C)	12.05	12.03	12.02	11.79	11.92	11.93		
ORP (mV)	-79	-79	-78	-76	-77	-78		
Salinity (%)	0	0	0	0	0	0		
TDS (g/L)	0.46	0.46	0.45	0.49	0.52	0.51		

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1240 / ~ 2.0 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: E. Lavy, R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-3
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.07'
Depth to Well Bottom (TOC): 15.00

CALCULATIONS:					
2-inch Casing:	Ft. of Water in Well 5.93'	x 0.16 =	0.95'	Gallons	X 3 = 2.8 gals.
3-inch Casing:	Ft. of Water in Well	x 0.32 =		Gallons	
4-inch Casing:	Ft. of Water in Well	x 0.64 =		Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Slight hydrocarbon-like odor PID = 0.1 ppm
Other : Turbid

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	12:45	13:50	13:55	14:00	14:05	14:10	14:15	
Depth To Water (TOC) (ft)	9.07							
Depth To Pump (TOC) (ft)	~14.00							
Flow Rate (ml/min)	300							
Volume of Water Purged								
pH (s.u.)	6.44	6.28	6.27	6.22	6.18	6.18	6.15	
Conductivity (mS/cm)	1.43	1.40	1.41	1.39	1.38	1.39	1.37	
Turbidity (NTUs)	error	error	error	868	791	718	660	
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Temperature (Degrees C)	12.90	13.20	13.28	13.07	13.51	13.55	13.37	
ORP (mV)	109	103	98	96	92	90	90	
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
TDS (g/L)	0.9	0.9	0.9	0.9	0.9	0.9	0.9	

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1435 / ~ 3 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: E. Lavy, R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-3 (Continued)
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.07'
Depth to Well Bottom (TOC): 15.00

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Wel	5.93'	x 0.16 = 0.95'	Gallons	X 3 = 2.8 gals.
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Slight hydrocarbon-like odor PID = 0.1 ppm
Other : Turbid

FIELD TESTS

	PURGE	SAMPLE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	14:20	14:25						
Depth To Water (TOC) (ft)								
Depth To Pump (TOC) (ft)								
Flow Rate (ml/min)								
Volume of Water Purged		3 gallons						
pH (s.u.)	6.11	3.12						
Conductivity (mS/cm)	1.36	1.35						
Turbidity (NTUs)	440	338						
Dissolved Oxygen (mg/L)	0.00	0.00						
Temperature (Degrees C)	13.91	13.86						
ORP (mV)	87	80						
Salinity (%)	0.1	0.1						
TDS (g/L)	0.9	0.9						

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1435 / ~ 3 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/17/09
Sampling Date: 2/17/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-5
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.23
Depth to Well Bottom (TOC): 13 15

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Wel	3.92'	x 0.16 = 0.63'	Gallons	1.88 gal = 3 x well volume
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor PID = 0.1 ppm
Other : Turbid

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	9:20	9:25	9:30	9:35	9:40	9:45	9:50	9:55
Depth To Water (TOC) (ft)	9.23							
Depth To Pump (TOC) (ft)	~12.0							
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Volume of Water Purged								
pH (s.u.)	6.89	6.89	6.99	6.96	6.96	6.96	6.95	6.95
Conductivity (mS/cm)	1.35	1.41	1.45	1.41	1.44	1.44	1.43	1.42
Turbidity (NTUs)	-50	480	113	178.0	101.0	57.0	61.2	47.5
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	10.80	10.41	9.07	9.45	8.77	8.52	10.53	11.33
ORP (mV)	-43	-51	-55	-57	-57	-57	-60	-62
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1010 / ~ 3 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/17/09
Sampling Date: 2/17/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-5 (Continued)
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.23
Depth to Well Bottom (TOC): 13.15

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Wel	3.92'	x 0.16 = 0.63'	Gallons	1.88 gal = 3 x well volume
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor PID = 0 1 ppm
Other : Turbid

FIELD TESTS

	PURGE	PURGE	SAMPLE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	10:00	10:05	10:10					
Depth To Water (TOC) (ft)								
Depth To Pump (TOC) (ft)								
Flow Rate (ml/min)	300	300	300					
Volume of Water Purged								
pH (s.u.)	6.95	6.95	6.95					
Conductivity (mS/cm)	1.43	1.43	1.43					
Turbidity (NTUs)	43.5	42.1	42.9					
Dissolved Oxygen (mg/L)	0.00	0.00	0.00					
Temperature (Degrees C)	10.83	10.15	10.14					
ORP (mV)	-61	-60	-60					
Salinity (%)	0.1	0.1	0.1					
TDS (g/L)	0.9	0.9	0.9					

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1010 / ~ 3 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/17/09
Sampling Date: 2/17/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-6
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.29'
Depth to Well Bottom (TOC): 10.18

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Well	0.89	x 0.16 = 0.14	Gallons	0.43 gal = 3 x well volume
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor PID = 0 1 ppm
Other : Sheen

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	7:30	7:35	7:40	7:45	7:50	7:55	8:00	8:05
Depth To Water (TOC) (ft)	9.29							
Depth To Pump (TOC) (ft)	~10.0							
Flow Rate (ml/min)	450	300	300	300	300	300	300	300
Volume of Water Purged								
pH (s.u.)	7.00	6.99	6.99	6.97	6.94	6.93	6.92	6.92
Conductivity (mS/cm)	0.719	0.749	0.742	0.729	0.723	0.722	0.722	0.072
Turbidity (NTUs)	510.0	691.0	746.0	309.1	140.0	99.9	85.8	89.0
Dissolved Oxygen (mg/L)	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	13.34	11.81	11.75	11.67	11.57	11.58	11.54	11.54
ORP (mV)	-71	-107	-115	-119	-119	-118	-118	-118
Salinity (%)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TDS (g/L)	0.45	0.48	0.48	0.47	0.46	0.46	0.46	0.46

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 0810 / ~ 5 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-7a
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 10.22
Depth to Well Bottom (TOC): 19.02

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Wel	8.80	x 0.16 = 1.41	Gallons	4.22 gal = 3 x well volume
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Hydrocarbon like odor PID = 0.1 ppm
Other : Turbid

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	12:55	13:00	13:05	13:35	13:40	13:45	13:50	13:55
Depth To Water (TOC) (ft)	10.22							
Depth To Pump (TOC) (ft)	~18.0							
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Volume of Water Purged								
pH (s.u.)	6.57	6.59	6.61	6.64	6.65	6.65	6.64	6.66
Conductivity (mS/cm)	1.47	1.47	1.46	1.45	1.45	1.47	1.47	1.48
Turbidity (NTUs)	-5.0	-5.0	-5.0	404.0	264.0	249.0	-5.0	388.0
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.20	0.57	0.01
Temperature (Degrees C)	13.84	13.52	14.03	14.26	14.32	14.78	14.66	14.28
ORP (mV)	-81	-100	-115	-118	-119	-97	-98	-107
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1435 / ~ 7 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-7a (Continued)
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 10.27
Depth to Well Bottom (TOC): 19.02

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Wel	8.80	x 0.16 = 1.41	Gallons	4.22 gal = 3 x well volume
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Hydrocarbon like odor PID = 0.1 ppm
Other : Turbid

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	14:00	14:05	14:10	14:15	14:20	14:25	14:30	14:35
Depth To Water (TOC) (ft)								
Depth To Pump (TOC) (ft)								
Flow Rate (ml/min)	300	300	400	300	300	300	300	300
Volume of Water Purged								
pH (s.u.)	6.67	6.68	6.66	6.67	6.68	6.68	6.68	6.68
Conductivity (mS/cm)	1.47	1.47	1.49	1.47	1.46	1.47	1.45	1.55
Turbidity (NTUs)	39.1	-5.0	517.0	454.0	350.0	341.0	305.0	284.0
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	14.46	14.46	14.17	14.41	14.30	14.28	14.33	14.34
ORP (mV)	-116	-118	-120	-122	-125	-125	-126	-127
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1435 / ~ 7 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-7b
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.84
Depth to Well Bottom (TOC): 42.15

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Well	32.31	x 0.16 =	5.17 Gallons	15.51 gal = 3 x well volume
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Hydrocarbon like odor PID = 0.1 ppm
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	9:35	9:40	9:45	9:50	9:55	10:00	10:05	10:10
Depth To Water (TOC) (ft)	9.84							
Depth To Pump (TOC) (ft)	~41.0							
Flow Rate (ml/min)	500	275	275	300	300	300	300	275
Volume of Water Purged								
pH (s.u.)	6.98	6.97	6.95	6.94	6.93	6.93	6.93	6.93
Conductivity (mS/cm)	1.61	1.61	1.00	1.59	1.6	1.57	1.57	1.56
Turbidity (NTUs)	87.6	90.0	76.1	64.0	37.4	354.0	26.1	26.8
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	13.93	14.07	14.33	14.38	14.13	14.74	14.06	14.80
ORP (mV)	78	80	83	86	90	79	91	93
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1215 / ~ 18 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-7b (Continued)
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.84
Depth to Well Bottom (TOC): 42.15
2-inch Casing: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Wel 32.31 x 0.16 = 5.17 Gallons 15.51 gal = 3 x well volume
3-inch Casing: Ft. of Water in Well ____ x 0.32 = ____ Gallons
4-inch Casing: Ft. of Water in Well ____ x 0.64 = ____ Gallons
Method:

SAMPLE DESCRIPTION

Odor : Hydrocarbon like odor PID = 0.1 ppm
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	10:15	10:20	10:25	10:30	10:35	10:40	10:45	10:50
Depth To Water (TOC) (ft)								
Depth To Pump (TOC) (ft)								
Flow Rate (ml/min)	300	300	300	300	300	325	300	300
Volume of Water Purged								
pH (s.u.)	6.91	6.92	6.93	6.92	6.92	6.92	6.92	6.92
Conductivity (mS/cm)	1.57	1.58	1.58	1.59	1.59	1.58	1.58	1.88
Turbidity (NTUs)	22.4	13.3	19.3	12.9	9.9	9.2	9.1	8.6
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	14.66	14.50	14.58	14.46	14.50	14.81	14.70	14.66
ORP (mV)	95	97	99	102	103	105	106	107
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1215 / ~ 18 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-7b (Continued)
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.84
Depth to Well Bottom (TOC): 42.15

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Wel	32.31	x 0.16 = 5.17	Gallons	15.51 gal = 3 x well volume
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Hydrocarbon like odor PID = 0.1 ppm
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	10:55	11:00	11:05	11:10	11:30	11:35	11:40	11:45
Depth To Water (TOC) (ft)								
Depth To Pump (TOC) (ft)								
Flow Rate (ml/min)	300	300	300	300	300	325	300	300
Volume of Water Purged								
pH (s.u.)	6.92	6.92	6.93	6.93	6.93	6.92	6.92	6.93
Conductivity (mS/cm)	1.58	1.58	1.58	1.58	1.59	1.58	1.58	1.58
Turbidity (NTUs)	8.8	8.7	8.8	8.2	40.1	12.7	7.2	32.0
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	14.45	14.46	14.88	14.90	14.20	14.48	14.14	14.39
ORP (mV)	109	109	110	111	119	117	115	113
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1215 / ~ 18 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/16/09
Sampling Date: 2/16/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-7b (Continued)
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.84
Depth to Well Bottom (TOC): 42.15

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Wel	32.31	x 0.16 = 5.17	Gallons	15.51 gal = 3 x well volume
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Hydrocarbon like odor PID = 0.1 ppm
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE	PURGE	PURGE
Time	11:50	11:55	12:00	12:05	12:10	12:15		
Depth To Water (TOC) (ft)								
Depth To Pump (TOC) (ft)								
Flow Rate (ml/min)	300	300	300	300	300	300		
Volume of Water Purged								
pH (s.u.)	6.93	6.93	6.93	6.93	6.93	6.93		
Conductivity (mS/cm)	1.58	1.58	1.58	1.6	1.6	1.6		
Turbidity (NTUs)	32.0	14.4	10.8	8.6	8.5	8.5		
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00		
Temperature (Degrees C)	14.39	14.65	14.86	14.97	14.95	14.94		
ORP (mV)	113	110	110	110	110	110		
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1		
TDS (g/L)	1.0	1.0	1.0	1.0	1.0	1.0		

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 1215 / ~ 18 gallons purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/17/09
Sampling Date: 2/17/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-T3
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.64
Depth to Well Bottom (TOC): 22.91

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Well	13.27	x 0.16 =	2.12 Gallons	6.37 gal = 3 x well volume
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor PID = 0.1 ppm
Other : Sheen on purge water

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	11:55	12:00	12:05	12:10	12:15	12:20	12:25	12:30
Depth To Water (TOC) (ft)	9.64							
Depth To Pump (TOC) (ft)	~21.0							
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Volume of Water Purged								
pH (s.u.)	6.78	6.79	6.80	6.80	6.80	6.80	6.81	6.81
Conductivity (mS/cm)	1.63	1.63	1.64	1.63	1.62	1.63	1.63	1.62
Turbidity (NTUs)	284.0	267.0	256.0	246.0	246.0	237.0	234.0	233.0
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	11.7	11.45	11.08	10.98	11.04	11.06	10.86	10.86
ORP (mV)	-131	-135	-139	-143	-145	-147	-150	-151
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 12:45 / ~ 7 gallons purged
Dup collected MW-T300

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Cedar Street)
PROJECT NUMBER: 442098
Purge Date: 2/17/09
Sampling Date: 2/17/09
Samplers: R. Robles of Parsons / Somerset, NJ

SAMPLE ID: MW-T3 (Continued)
Sampling Method: Low Flow (Submersible Pump)

WELL PURGING

Static Water Level (TOC): 9.64
Depth to Well Bottom (TOC): 22.91

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons	
2-inch Casing:	Ft. of Water in Well	13.27	x 0.16 = 2.12	Gallons	6.37 gal = 3 x well volume
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons	
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons	

Method:

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor PID = 0.1 ppm
Other : Sheen on purge water

FIELD TESTS

	PURGE	PURGE	SAMPLE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	12:35	12:40	12:45					
Depth To Water (TOC) (ft)								
Depth To Pump (TOC) (ft)								
Flow Rate (ml/min)	300	300	300					
Volume of Water Purged								
pH (s.u.)	6.82	6.81	6.81					
Conductivity (mS/cm)	1.63	1.63	1.63					
Turbidity (NTUs)	232.0	231.0	224.0					
Dissolved Oxygen (mg/L)	0.00	0.00	0.00					
Temperature (Degrees C)	10.73	10.74	10.74					
ORP (mV)	-153	-153	-154					
Salinity (%)	0.1	0.1	0.1					
TDS (g/L)	1.0	1.0	1.0					

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs / SVOCs, TAL Metals and CN (Total & Available)

Shipped Via:
Laboratory: Chemtech / Test America

Other Notes: Collected sample @ 12:45 / ~ 7 gallons purged
Dup collected MW-T300

APPENDIX D

FINGERPRINT ANALYSIS LABORATORY REPORTS

Environmental Forensic Report

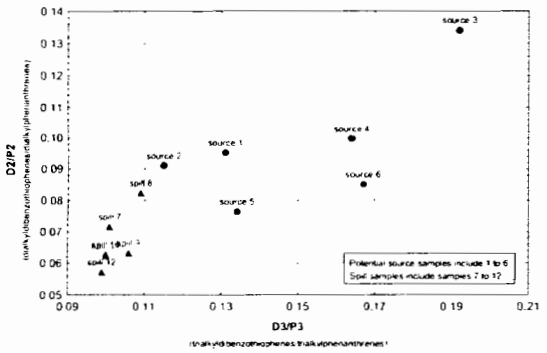
Con Edison – Cedar St.

SDG: PA081212, PA081219, PA081223, PA090106





Figure 1. Double Ratio Plot



Report To:

Parsons
290 Elwood Davis Drive
Suite 312
Liverpool, NY 13088

Report By:

META Environmental, Inc.
49 Clarendon Street
Watertown, MA 02472

January 29, 2008

Identifying and allocating sources of pollutants in complex environments.

META Environmental, Inc.
ENGINEERING & CHEMISTRY

Final Laboratory Report

META Environmental, Inc.
49 Clarendon Street
Watertown, MA 02472
Phone: 617-923-4662
Fax: 617-923-4610
E-Mail: meta@metaenv.com

Certification

This certifies that this package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed herein. The results included in this data report relate only to the samples as received and analyzed by the laboratory.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager and Quality Assurance Officer, as verified by the following signatures.

James A. Roush — January 29, 2009
Environmental Scientist, Laboratory Manager — Date

David M. Mauro — January 29, 2009
Senior Scientist, Quality Assurance Officer — Date

Sample Delivery Group Narrative

Project:	Con Edison – Cedar St.
Client	Parsons
Report Contact:	Shane Blauvelt 290 Elwood Davis Drive. Suite 312 Liverpool, NY 13088
Dates of Receipt:	December 12th, 19th, and 23rd of 2008, and January 6th of 2009
Sample Summary:	The samples received for this project is summarized in the attached sample login forms.
META Project Number:	P06011
SDG No.:	PA081212, PA081219, PA081223, PA090106
Total Pages in Report:	188

Chain of Custody

The samples were received in good condition. The recorded internal temperature of the shipping containers received on 12/19 and 1/6 were below the recommended 2-6°C range. The temperatures of shipping containers received on 12/12 and 12/23 were within the recommended range:

Samples received: 12/12/2008	5.3°C	Ice present
Samples received: 12/19/2008	1.9°C	Ice Present
Samples received: 12/23/2008	4.4°C	Ice Present
Samples received: 01/06/2009	0.5°C	Ice Present

Internal chain of custody procedures were followed after sample receipt. Samples were stored in a locked refrigerator. A sample custody logbook contains the record of sample removal from the secure sample storage area to the sample preparation laboratory. The custody record for the sample extracts is present on the sample extraction logbook page.

The disposal of samples and extracts will be authorized one month after the release of this data report. Sample disposal will be documented.

Methods

Five non-aqueous phase liquids (NAPL) were prepared by solvent waste dilution (EPA 3580), and one sample containing no free NAPL was treated as a sediment and was prepared by solvent extraction (EPA 3511) using dichloromethane (DCM). The extracts were spiked with internal standard and analyzed by GC/FID (EPA 8100M) for fingerprinting and by GC/MS/SIM (EPA 8270M) for mono- and polycyclic aromatic hydrocarbons (MAHs and PAHs), alkyl PAH homologues, and other selected compounds.

Results

Sample results are presented in several appendices which follow this narrative.

Appendix B: GC/FID Fingerprints
Appendix C: MAH/PAH Concentrations
Appendix D: Extended MAH/PAH Profiles - Histograms
Appendix E: Extracted Ion Current Profiles (EICPs)

Quality Control

Analyte Flags

The detection limits were determined as the sample equivalent of the lowest linear initial calibration standard. Analytes measured between 50% and 100% of the lowest standard were reported as "estimated" and flagged with the letter "J." Undetected analytes were reported as null and flagged with the letter, "U." Analytes marked with a "B" were detected in the associated blank and should be reviewed for a possible positive bias. No deviations were thought significant enough to compromise the integrity of the reported values.

Holding Times

All samples were extracted within holding time. The sample and extracts were stored at 4°C ± 2°C prior to extraction and analysis. The extracts were analyzed within 40 days of sample preparation.

Surrogate Spikes

Extraction surrogates were added to all samples prior to extraction. All surrogate compounds were recovered within the 50%-120% acceptable criterion, with the exception of perylene-d12 in sample MW-T3 which was over recovered due to matrix interference.

Blanks

Benzene was detected in blank QC081223-MB above the reporting limit, acenaphthylene and acenaphthene were detected in blank QC081224-MB above the reporting limit, and low level PAH blank contamination just above the reporting limit was detected in blank QC080107-SB. All associated data should be reviewed for a positive bias.

Blank Spikes

A blank spike sample was extracted with each batch. All spiked compounds were recovered within the 70% - 120% acceptable criteria, except for benzene in QC090107-SBS (67%).

Internal Standards

Internal standards were recovered within acceptable QC limits (50%-200%) relative to the continuing calibration standards.

Interpretation

Introduction

Six samples of NAPL were received by META from the Cedar St. Site between December 12, 2008 and January 6, 2009. Sample *SB-5 (21-23')* was found to contain only NAPL impacted sediment and was processed according to our soil/sediment method. The samples were analyzed for hydrocarbon fingerprinting and an expanded list of MAHs and PAHs.

This report summarizes the findings and compares the samples.

Sample-Specific Observations

The GC/FID fingerprints and GC/MS data were reviewed and tentative identifications of the content of each sample was summarized in Table 1.

Table 1. Summary of Observations and Tentative Identifications

Field ID	Laboratory ID	Description	Category	Tentative Identification
MW-T3	PA081212-01	Gaussian-shaped UCM eluting from about C18 (octadecane) to about C36 (hexatriacontane); 2- and 3-ring PAHs with naphthalene most abundant, Fl/Py = 0.656; total PAHs(42) = 10,200 mg/kg	Petrogenic /pyrogenic	Lube or motor oil, plus TLM
SB-13 (14.5-015.0')	PA081219-01	Wide range parent PAHs, naphthalene most abundant, Fl/Py = 0.784; total PAHs(42) = 93,100 mg/kg	pyrogenic	TLM, likely from CWG process
SB-3 (13')	PA081219-02	Wide range parent MAHs and PAHs, naphthalene most abundant, very low relative HPAHs, Fl/Py = 0.741; total PAHs(42) = 28,500 mg/kg	pyrogenic	Middle tar fraction, possibly drip oil or naphthalene oil
SB-12 (17-19')	PA081219-03	Wide range parent PAHs, naphthalene most abundant, Fl/Py = 0.883; total PAHs(42) = 3,990 mg/kg	pyrogenic	TLM
SB-4 (13-15')	PA081223-01	No detectable pattern; total PAHs(42) = 73 mg/kg		Unknown, possible coal ash
SB-5 (21-23')	PA090106-01	Wide range parent PAHs, naphthalene most abundant, Fl/Py = 1.091; total PAHs(42) = 13.7 mg/kg Low level, broad, heavy UCM with triterpanes	Pyrogenic /petrogenic	Weathered TLM

Tentative identifications based on review of GC/FID chromatograms, PAH ratios, and GC/MS extracted ion current profiles (EICPs)
TLM – tar-like material
CWG – carbureted water gas
UCM – unresolved complex mixture hydrocarbons
Fl/Py – fluoranthene/pyrene

Discussion

Samples *MW-T3, SB-13 (14.5-15.0'), SB-3 (13'),* and *SB-12 (17-19')* contained pyrogenic material. The pyrogenic material in these samples was indicated by the presence of a wide range distribution of parent PAHs. The samples were NAPL and the concentrations of PAHs were high, indicating that the samples were tar-like. The ratios of fluoranthene to pyrene (Fl/Py – Table 1) as well as the double ratio plots of dibenzofuran/fluorene (D/F) to Fl/Py (Figure 1) and benzofluorenes/methylpyrenes (BF/MP) to F/P (Figure 2) show that the samples were very similar to tars in META's reference library that were formed from manufactured gas plants (MGPs) utilizing carbureted water gas (CWG) process.

Sample *SB-4 (13-15')* was a hard, darkly colored material that partially dissolved in solvent. It had a burnt smell and appeared to be mostly ash. The sample contained relatively low levels of PAHs and petroleum biomarkers and appeared to be coal ash.

Sample *SB-5 (21-23')* also contained a pyrogenic material; but the relatively low total PAH concentration (13.7 mg/kg), the Fl/Py ratio of 1.093, and the presence of a broad, heavy petrogenic UCM indicates that this sample contained PAHs from mixed sources similar to urban background.

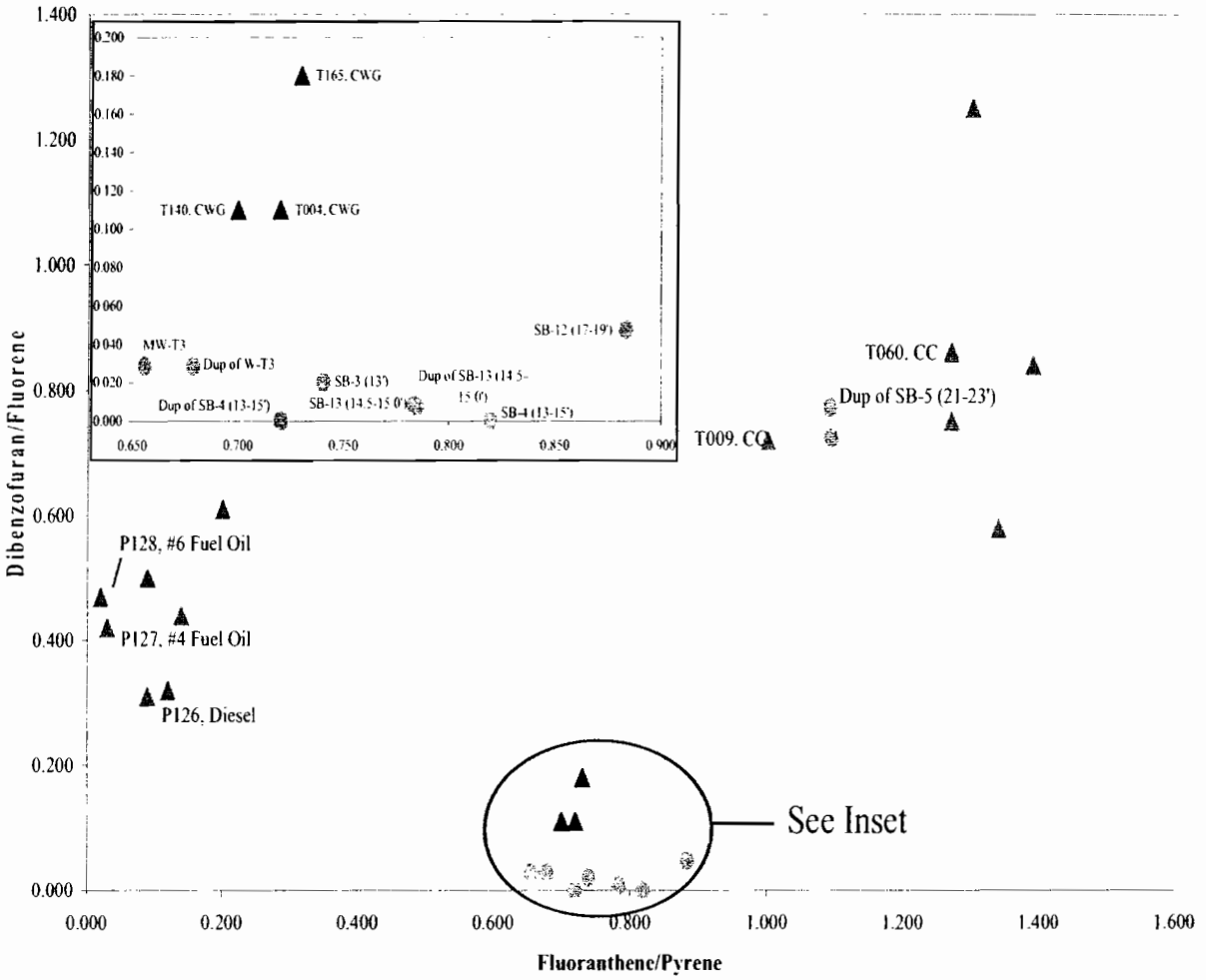
Table 2. Selected Source and Weathering Ratios

	Fl/Py	D/F	C17/Pris	C18/Phy	Pris/Phy	C3D/C3PA	C2D/C2PA	BF/MP
MW-T3	0.656	0.029	1.708	1.248	0.674	0.302	0.165	0.387
Dup of MW-T3	0.679	0.029	1.632	1.186	0.634	0.317	0.160	0.379
SB-13 (14.5-15.0')	0.784	0.008	NC	NC	NC	0.457	0.109	0.481
Dup of SB-13 (14.5-15.0')	0.785	0.007	NC	NC	NC	0.559	0.093	0.506
SB-3 (13')	0.741	0.020	4.440	3.845	1.190	0.351	0.194	0.365
SB-12 (17-19')	0.883	0.047	NC	NC	1.521	0.298	0.163	0.497
SB-4 (13-15')	0.820	NC	NC	NC	NC	3.942	3.692	NC
Dup of SB-4 (13-15')	0.720	NC	NC	NC	NC	3.543	4.158	NC
SB-5 (21-23')	1.093	0.723	1.062	1.197	1.852	1.048	0.547	0.413
Dup of SB-5 (21-23')	1.091	0.772	0.649	0.897	1.462	0.961	0.560	0.408

Ratios:

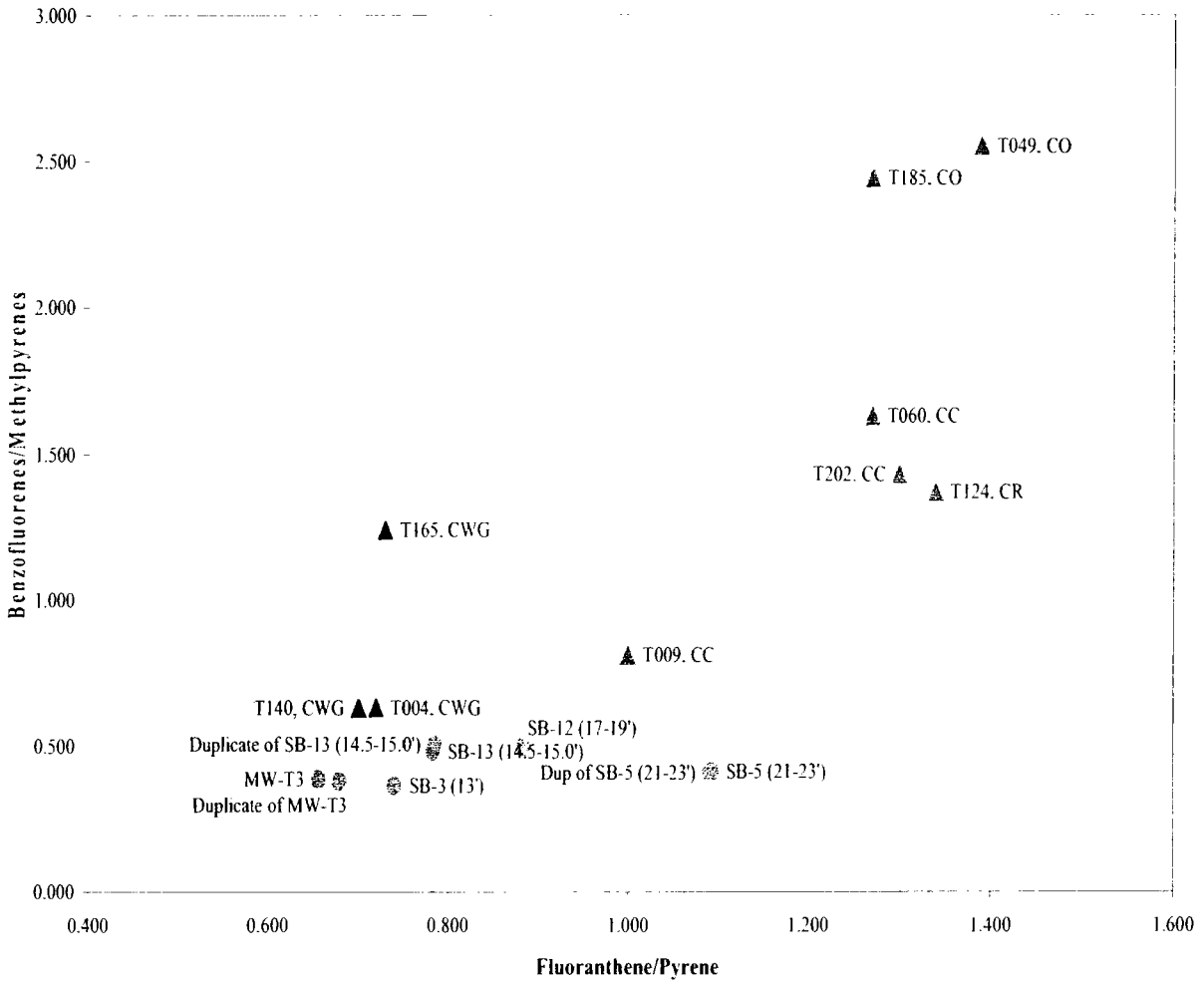
Fl/Py	fluoranthene/pyrene
D/F	dibenzofuran/fluorene
C17/Pris	heptadecane/pristane
C18/Phy	octadecane/phytane
Pris/Phy	pristane/phytane
C3D/C3PA	trialkyldibenzothiophenes/trialkylphenanthrenes/anthracenes
C2D/C2PA	dialkyldibenzothiophenes/dialkylphenanthrenes/anthracenes
BF/MP	benzofluorenes/methylpyrenes
NC	Not calculable

Figure 1. Selected Diagnostic Ratios – D/F v. Fl/Py



TXXX Tar Sample from META's in house source library
CC Coal Carbonization Tar
CO Coke Oven Tar
CR Creosote
CWG Carbureted Water Gas Tar
Field Samples

Figure 2. Selected Diagnostic Ratios – BF/MP v. Fl/Py



TXXX Tar Sample from META's in house source library
CC Coal Carbonization Tar
CO Coke Oven Tar
CR Creosote
CWG Carbureted Water Gas Tar
Field Samples

Definitions

Pyrogenic substances are complex mixtures of primarily hydrocarbons produced from organic matter subjected to high temperatures but with insufficient oxygen for complete combustion. Pyrogenic materials are produced by fires, internal combustion engines, and furnaces. They also are formed when coke or gas are produced from coal or oil. Coal-tar based products, such as roofing, pavement sealers, waterproofing, pesticides, and some shampoos contain pyrogenic materials.

Petrogenic substances include crude oil and crude oil derivatives such as gasoline, heating oil, and asphalt.

Pitch is the semi-solid or solid material consisting of high molecular weight hydrocarbons that remain following coal tar distillation.

References

McNicoll, D., Tousignant, L.P., Augustine, P. "Facts and Fallacies: Petroleum Degradation in a Subsurface Environment." Contaminated Soil Sediment and Water, 17-21, June,July 2001

"Chemical Fingerprinting of Hydrocarbons," in: Introduction to Environmental Forensics. B.L. Murphy and R.D. Morrison editors, Academic Press, San Diego, CA 2002.

Mauro, D.M., "Chemical Source Attribution at former MGP Sites," EPRI Report 1000728, December 2000.

Appendix A

Chain of Custody

CHEMTECH
CHAIN OF CUSTODY RECORD

~~284 Sheffield Street, Mountainside, NJ 07092~~
~~(908) 789-8900 Fax (908) 789-8922~~
www.chemtech.net

Metro Environmental, Inc
49 Clarendon St.
Watertown, MA 02472
617.923.4662

CHEMTECH PROJECT NO.
QUOTE NO.
COC Number 069940

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 290 ELWOOD Davis Rd. Suite 312
CITY: LIVERPOOL STATE: NY ZIP: 13088
ATTENTION: SHANE BLANCHETT
PHONE: 315.451.9560 FAX: 315.451.9570

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Edison / Cedar Street
PROJECT NO.: #442098-03000 LOCATION: Bayonne, New Jersey
PROJECT MANAGER: YELENA SK
e-mail:
PHONE: 718.204.4205 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: ~~4~~ 7-Day TAT ~~4~~ DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1 GC/FID (EPA 8100 mod.)
2 GC/MS/SIM (EPA 8270 mod.)
3 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								E	E								Specify Preservatives: A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other
1.	MW-T3	NAPL		X	12/11/08	0800	1	X	X								PAH 8100-01
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY/SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12/11/08 1500	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2. 12/12/08
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant
Cooler Temp. 5.3
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments: FEDEX #: 8636 2290 1914
- SAMPLE NAPL ONLY * NM-AQUEOUS PHASE
Ice in Cooler?: yes

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

META Environmental, Inc.

Sample Receipt Log

Lab ID	Field ID	Matrix	Prep Method	Cleanup Method	Analysis Method	Date Sampled	Date Received	Project #	Container	Comments	Client Name	Project Name
PA081212-01	MW-T3	NAPL	2512		4007/4008	12/11/2008	12/12/2008	P06011-60	1 x 4 oz jar		Parsons	Con Edison/Cedar Street

Logged By: RS

Date: 12/12/08

Reviewed By: JAR

Date: 12/12/08

META Environmental, Inc.
Sample Receipt Checklist

Receipt date: 12-12-08

Login date: 12-12-08

Login personnel: JO

Client Information:.

Company Name: Parsons

Project Manager: Yelena SK.

Project Name: Con Edison / Cedar Street

Shipping Information:

How were samples received? UPS (FedEx) DHL Other:

Number of coolers: 1

Internal temperature of coolers: 5.3° C

Was ice present? (Yes) / No

Note: if cooler is outside the 2-6° range, META's project manager should be notified.

Documentation:

Was a Chain of Custody present? (Yes) / No

Was it signed? (Yes) / No

Was all project information present on the COC? (Yes) / No

Was a bill of lading or shipping label retained? (Yes) / No

Sample Information:

Number of sample containers: 1

Does this match the COC? (Yes) / No

Were all sample containers Intact? (Yes) / No

If no, list samples and problems:

Note: if samples are damaged, META's project manager should be notified.

For aqueous 40ml Voas; was headspace present? Yes / No / (NA)

Comments:

Custodian: Jacklyn O'Reilly

Project Manager: James A. [illegible]

CHEMTECH
CHAIN OF CUSTODY RECORD

~~284 Sheffield Street, Mountainside, NJ 07092~~ Metro Environmental, Inc. 49 Cavendish Street
~~(908) 789-8900 Fax (908) 789-8922~~ Watertown, MA
~~www.chemtech.net~~ 02472
617.923.4662

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 077030

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO:		
COMPANY: Parsons	PROJECT NAME: Con Ed / Cedar Street	BILL TO: PO#:
ADDRESS: 290 Elwood Davis Rd. Suite 312	PROJECT NO.: #442090-03000 LOCATION: Tonawanda, NY	ADDRESS:
CITY: Liverpool STATE: NY ZIP: 13088	PROJECT MANAGER: Theresa SK.	CITY: STATE: ZIP:
ATTENTION: Silene Blanvert	e-mail:	ATTENTION: PHONE:
PHONE: 315.451.9560 FAX: 315.451.9570	PHONE: 718.209.4205 FAX:	

DATA TURNAROUND INFORMATION

FAX: ~~7 Day TAT~~ DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1 GC/FID/ECD 8100 mod. 2 GC/MS 8260 mod. 3 GC/MS SIM 8270 mod. 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	SB-13 (14.5-15.0')	NAPL		X	12/16/08	1400	1	X	X								PA082490
2.	SB-3 (13')			X	12/17/08	1330	1	X	X								02
3.	SB-12 (17-19')			X	12/10/08	0900	1	X	X								03
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: E E

Specify Preservatives: A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12/18/08 1630	1. Rachel Grant
RELINQUISHED BY: 2.	DATE/TIME:	RECEIVED BY: 2. 12/19/08 12:40
RELINQUISHED BY: 3.	DATE/TIME:	RECEIVED FOR LAB BY: 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:
-Sample non-Aqueous Fraction only - Fedex # = 8636 2290 1796

Cooler Temp. _____
Ice in Cooler?: _____

Page ___ of ___

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

META Environmental, Inc.

Sample Receipt Log

Lab ID	Field ID	Matrix	Prep Method	Cleanup Method	Analysis Method	Date Sampled	Date Received	Project #	Container	Comments	Client Name	Project Name
PA081219-01	SB-13 (14.5-15.0')	NAPL	2512		4007/4008	12/16/2008	12/19/2008	P06011-60	1 x 4 oz jar		Parsons	Con Edison/Cedar Street
PA081219-02	SB-3 (13')	NAPL	2512		4007/4008	12/17/2008	12/19/2008	P06011-60	1 x 4 oz jar		Parsons	Con Edison/Cedar Street
PA081219-03	SB-12 (17-19')	NAPL	2512		4007/4008	12/18/2008	12/19/2008	P06011-60	1 x 4 oz jar		Parsons	Con Edison/Cedar Street

Logged By: PS

Date: 12/19/08

Reviewed By: JM

Date: 12/19/08

META Environmental, Inc.

Sample Receipt Checklist

Receipt date: 12/19/08

Login date: 12/19/08

Login personnel: RS

Client Information:.

Company Name: Parsons

Project Manager: Shane Blaivert

Project Name: Con Ed / Cedar Street

Shipping Information:

How were samples received? UPS (FedEx) DHL Other:

Number of coolers: 1

Internal temperature of coolers: 1.9°C

Was ice present? (Yes) / No

Note: if cooler is outside the 2-6° range, META's project manager should be notified.

Documentation:

Was a Chain of Custody present? (Yes) / No

Was it signed? (Yes) / No

Was all project information present on the COC? (Yes) / No

Was a bill of lading or shipping label retained? (Yes) / No

Sample Information:

Number of sample containers: 3

Does this match the COC? (Yes) / No

Were all sample containers Intact? (Yes) / No

If no, list samples and problems:

Note: if samples are damaged, META's project manager should be notified.

For aqueous 40ml Voas; was headspace present? Yes / No / (NA)

Comments:

Custodian: Rachel Shadd

Project Manager: [signature]

CHEMTECH

CHAIN OF CUSTODY RECORD

META Environmental, Inc.

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 077000

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Parsons

ADDRESS: 290 Elwood Davis Rd., Suite 312

CITY: Liverpool STATE: NY ZIP: 13088

ATTENTION: Shane Blauvelt

PHONE: 315-451-9560 FAX: 315-451-9570

CLIENT PROJECT INFORMATION

PROJECT NAME: ConEdison Cedar Street

PROJECT NO.: 442098-03000 LOCATION: Toyota Dealership

PROJECT MANAGER: Yelena Skorobogatov

e-mail:

PHONE: 718-204-4205 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:

ADDRESS:

CITY: STATE: ZIP:

ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 7 Day TAT DAYS *

HARD COPY: DAYS *

EDD: DAYS *

PREAPPROVED TAT: ☐ YES ☐ NO

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP

☐ RESULTS + QC ☐ New York State ASP "B"

☐ New Jersey REDUCED ☐ New York State ASP "A"

☐ New Jersey CLP ☐ Other

☐ EDD FORMAT

ANALYSIS

1 GC/FID (EPA8100 mod.)
2 GC/MS/SIM (EPA8270 mod.)
3
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	SB-4 (13-15')	Soil		X	12/2/08	1420	1	X	X			PA-081223-01					Sample Matrix = NAPL
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A - HCl B - HNO_3
C - H_2SO_4 D - NaOH
E - ICE F - Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. (to Fedex)	12/22/08/1600	1. 12/23/08
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant Cooler Temp. 4.4 °C

MeOH extraction requires an additional 4 oz jar for percent solid.

Comments: Fedex # 863260229017858

- Sample NAPL only Non RCRA

Ice in Cooler?:

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

META Environmental, Inc.

Sample Receipt Log

Lab ID	Field ID	Matrix	Prep Method	Cleanup Method	Analysis Method	Date Sampled	Date Received	Project #	Container	Comments	Client Name	Project Name
PA081223-01	SB-4 (13-15')	NAPL	2512		4007/4008	12/21/2008	12/23/2008	P06011-60	1 x 8 oz. jar		Parsons	Con Edison/Cedar Street

Logged By: RB

Date: 12/23/08

Reviewed By: jhh

Date: 12/23/08

META Environmental, Inc.
Sample Receipt Checklist

Receipt date: 12/23/08

Login date: 12/25/08

Login personnel: EH

Client Information:.

Company Name: Parsons

Project Manager: Shaw Blount

Project Name: Con Edison Cedar St.

Shipping Information:

How were samples received? UPS (FedEx) DHL Other:

Number of coolers: 1

Internal temperature of coolers: 4.4°C

Was ice present? (Yes) / No

Note: if cooler is outside the 2-6° range, META's project manager should be notified.

Documentation:

Was a Chain of Custody present? (Yes) / No

Was it signed? (Yes) / No

Was all project information present on the COC? (Yes) / No

Was a bill of lading or shipping label retained? (Yes) / No

Sample Information:

Number of sample containers: 1

Does this match the COC? (Yes) / No

Were all sample containers Intact? (Yes) / No

If no, list samples and problems:

Note: if samples are damaged, META's project manager should be notified.

For aqueous 40ml Voas; was headspace present? Yes / No / (NA)

Comments:

Custodian: [signature]

Project Manager: [signature]

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHAIN OF CUSTODY RECORD

META Environmental, Inc.

CHEMTECH PROJECT NO.
QUOTE NO.
COC Number 077026

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Parsons
ADDRESS: 290 Elwood Davis Rd. Suite 312
CITY: Liverpool STATE: NY ZIP: 13088
ATTENTION: Shane Blauvelt
PHONE: 315-451-9560 FAX: 315-451-9570

CLIENT PROJECT INFORMATION

PROJECT NAME: ConEdison Cedar Street
PROJECT NO.: 03080 442098- LOCATION: Toyota Dealer
PROJECT MANAGER: Yelena Skorobogatov
e-mail:
PHONE: 718-204-4295 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 7 Day TAT DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

GC/FID EPA 8100 mod
GC/MS 5035 m EPA 8270 mod

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								E	E								← Specify Preservatives A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other
1.	SB-5 (21-23')	NAPL		X	1/4/09	1315	1	X	X								PA0906106-01
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. (Fedex)	1/5/09 1600	1. 1/6/09
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2. 10:33
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments: Fedex # 8636 2290 1877

Cooler Temp.
Ice in Cooler?:

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

META Environmental, Inc.

Sample Receipt Log

Lab ID	Field ID	Matrix	Prep Method	Cleanup Method	Analysis Method	Date Sampled	Date Received	Project #	Container	Comments	Client Name	Project Name
PA090106-01	SB-5 (21-23')	Sediment	2508		4007/4008	1/4/2009	1/6/2009	P06011-60	1 x 6 oz jar		Parsons	Con Edison/Cedar Street

Logged By: RS

Date: 1/6/09

Page 1 of 1

Reviewed By: [illegible]

Date: 1/6/09

META Environmental, Inc.

Sample Receipt Checklist

Receipt date: 1/6/09

Login date: 1/6/09

Login personnel: RS

Client Information:.

Company Name: Parsons

Project Manager: ~~Shane Blauvelt~~ Yelena Skarbogatov

Project Name: Con Edison Cedar Street

Shipping Information:

How were samples received? UPS (FedEx) DHL Other:

Number of coolers: 1

Internal temperature of coolers: 0.5°C

Was ice present? (Yes) / No

Note: if cooler is outside the 2-6° range, META's project manager should be notified.

Documentation:

Was a Chain of Custody present? (Yes) / No

Was it signed? (Yes) / No

Was all project information present on the COC? (Yes) / No

Was a bill of lading or shipping label retained? (Yes) / No

Sample Information:

Number of sample containers: 1

Does this match the COC? (Yes) / No

Were all sample containers Intact? (Yes) / No

If no, list samples and problems:

Note: if samples are damaged, META's project manager should be notified.

For aqueous 40ml Voas; was headspace present? Yes / No / (NA)

Comments:

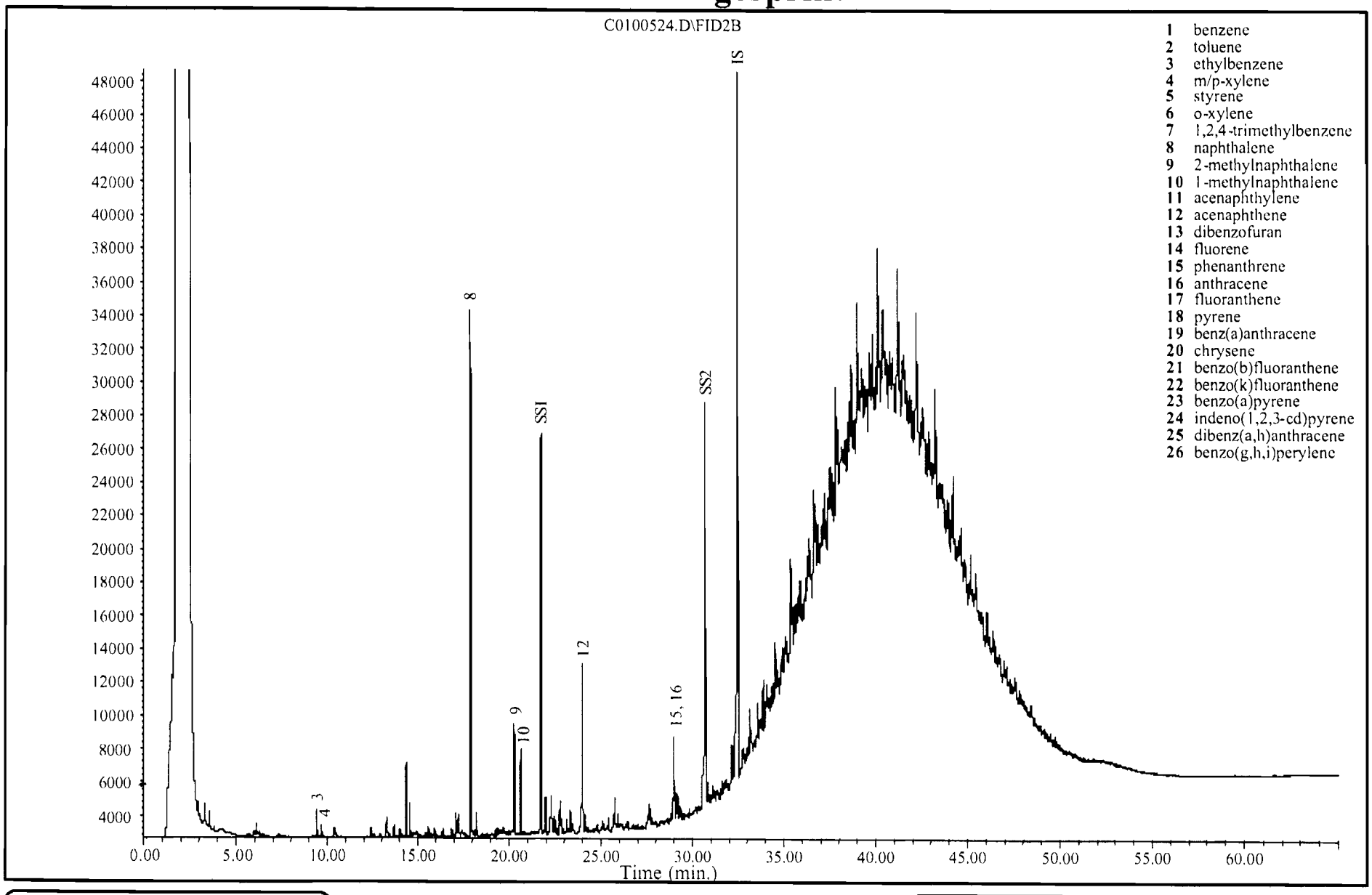
SAMPLE LISTED AS AN NAPL, HOWEVER NO FREE NAPL PRESENT. SAMPLE WILL BE PROCESSED AS A SEDIMENT. JM

Custodian: Rachel Fant

Project Manager: James A [illegible]

Appendix B
GC/FID Fingerprints

GC/FID Fingerprint



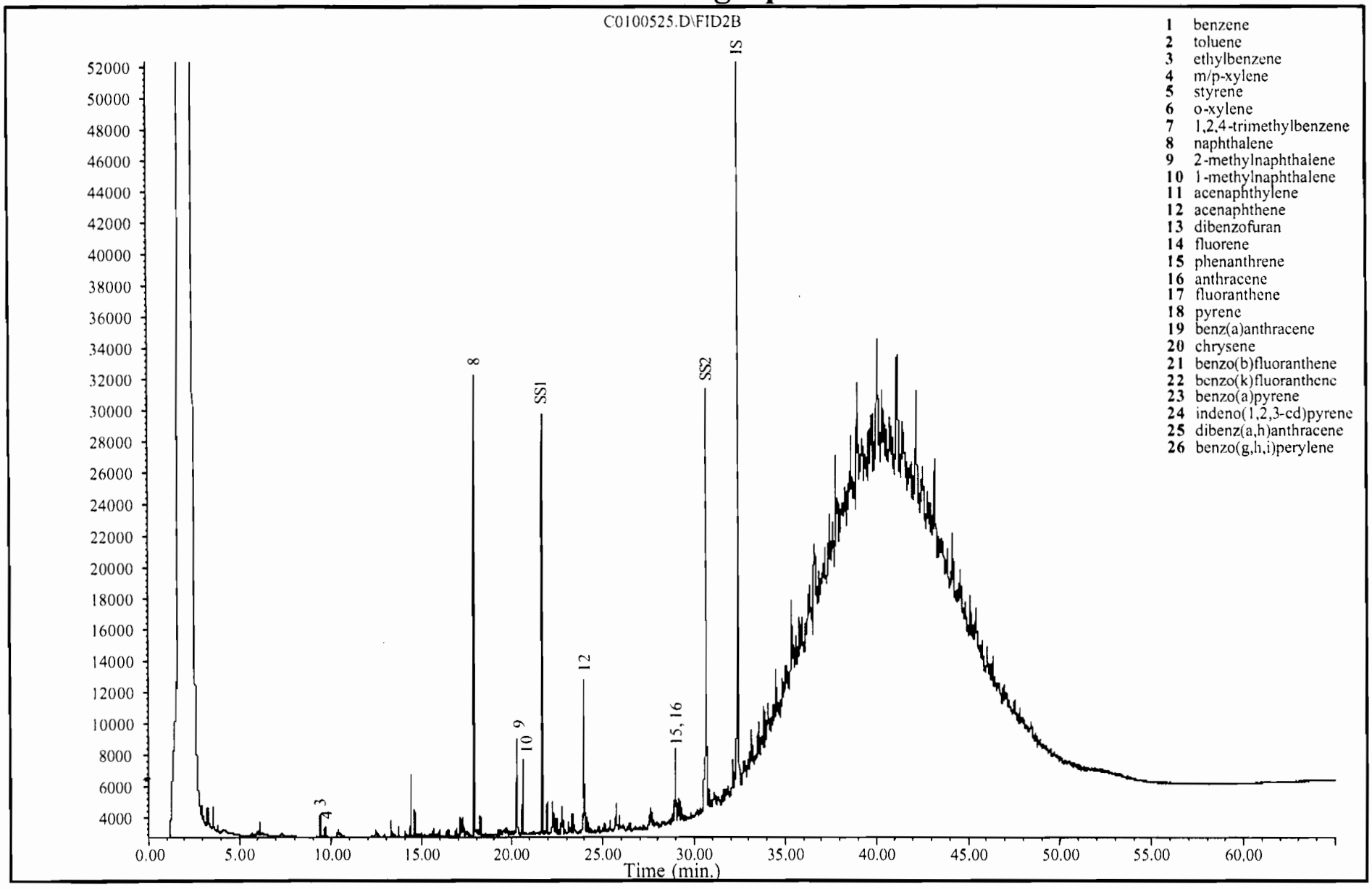
Extraction Date: 12/23/2008
Analysis Date: 01/06/2009

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

Field ID: **MW-T3**
Laboratory ID: PA081212-01
Method: EPA 8100M

META

GC/FID Fingerprint

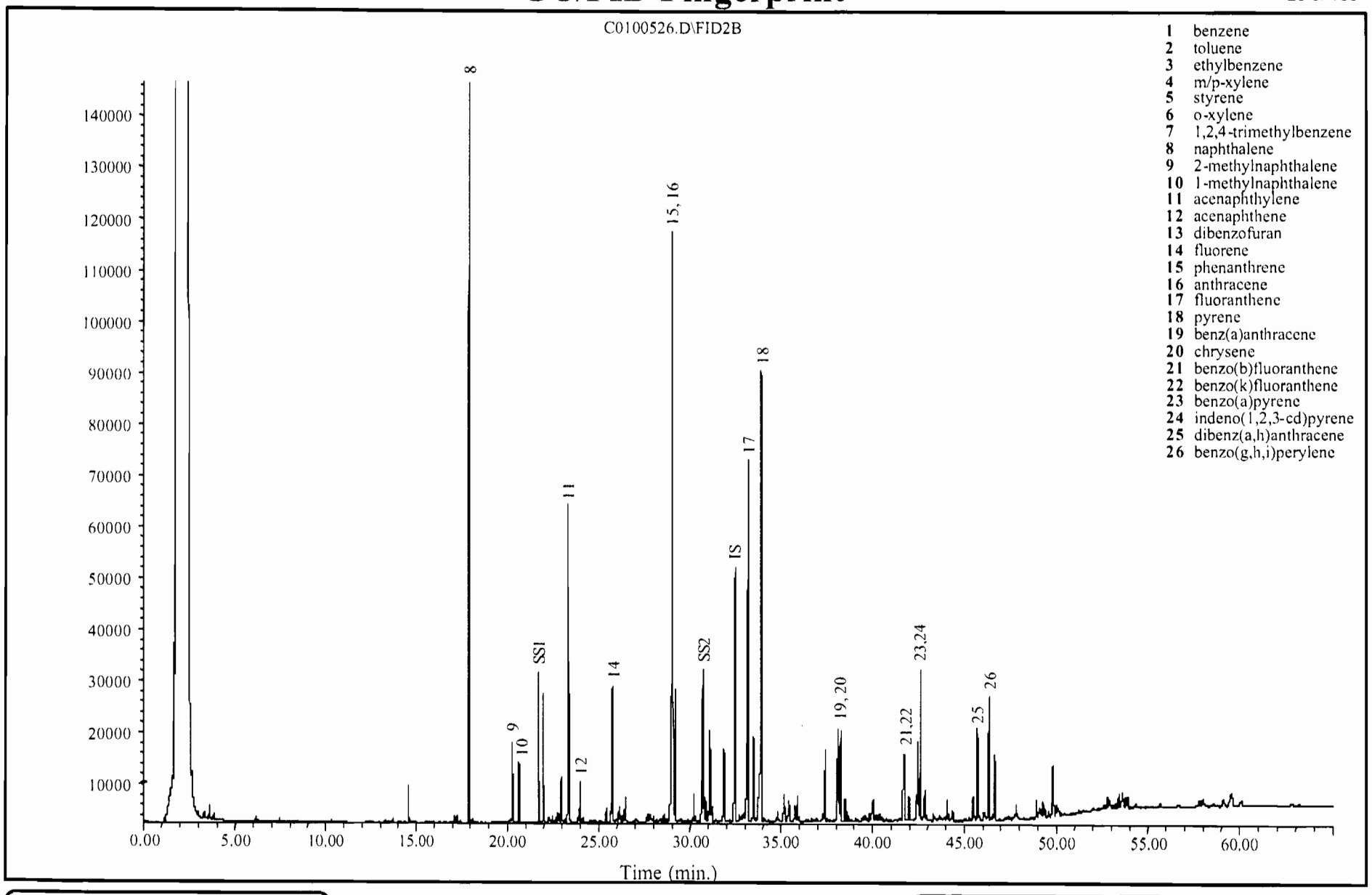


Extraction Date: 12/23/2008
Analysis Date: 01/06/2009

Field ID: **MW-T3**
Laboratory ID: PA081212-01 DUP
Method: EPA 8100M

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

GC/FID Fingerprint



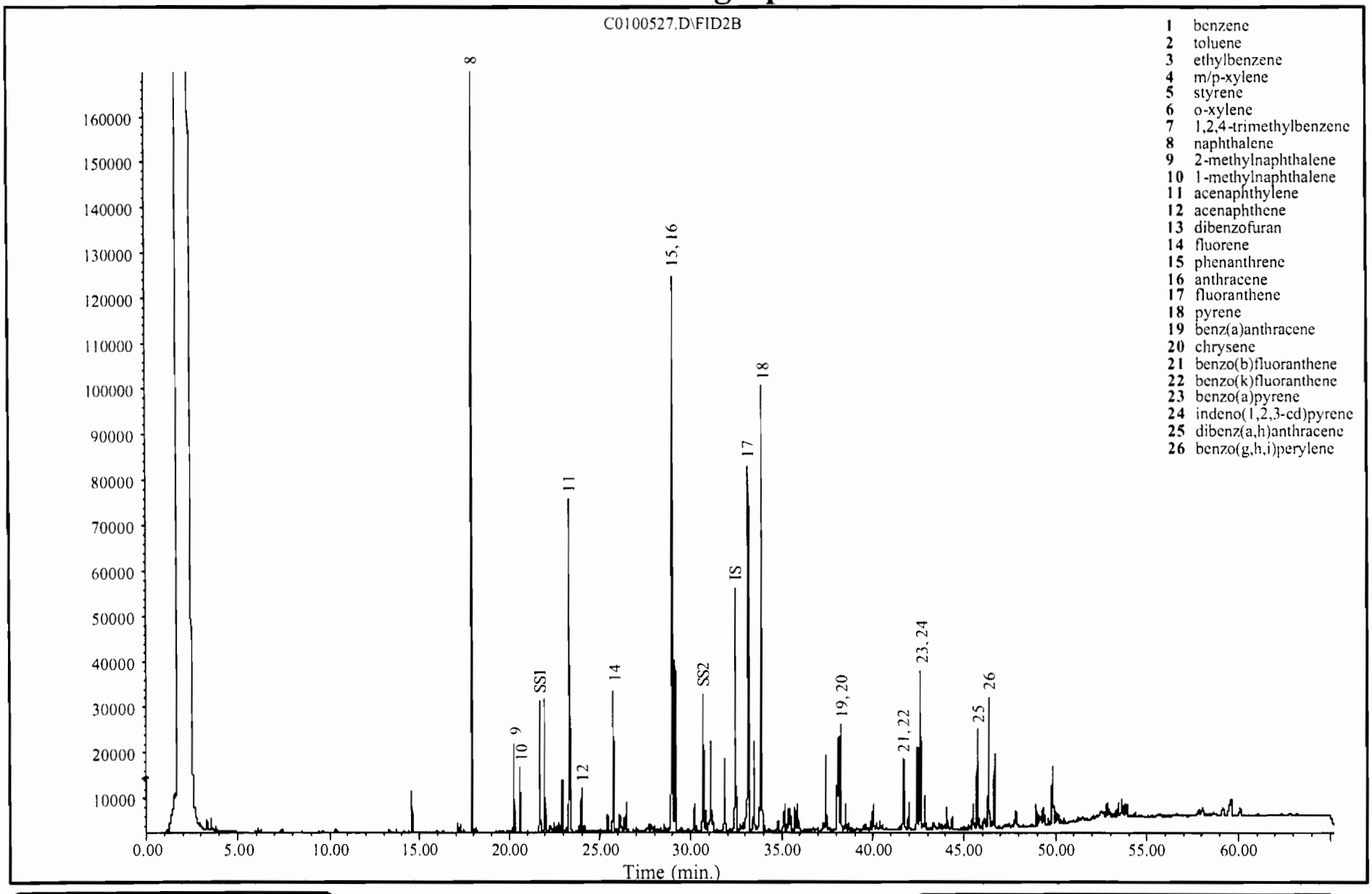
Extraction Date: 12/23/2008
Analysis Date: 01/07/2009

IS – 5α-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

Field ID: **SB-13 (14.5-15.0')**
Laboratory ID: PA081219-01
Method: EPA 8100M

META

GC/FID Fingerprint



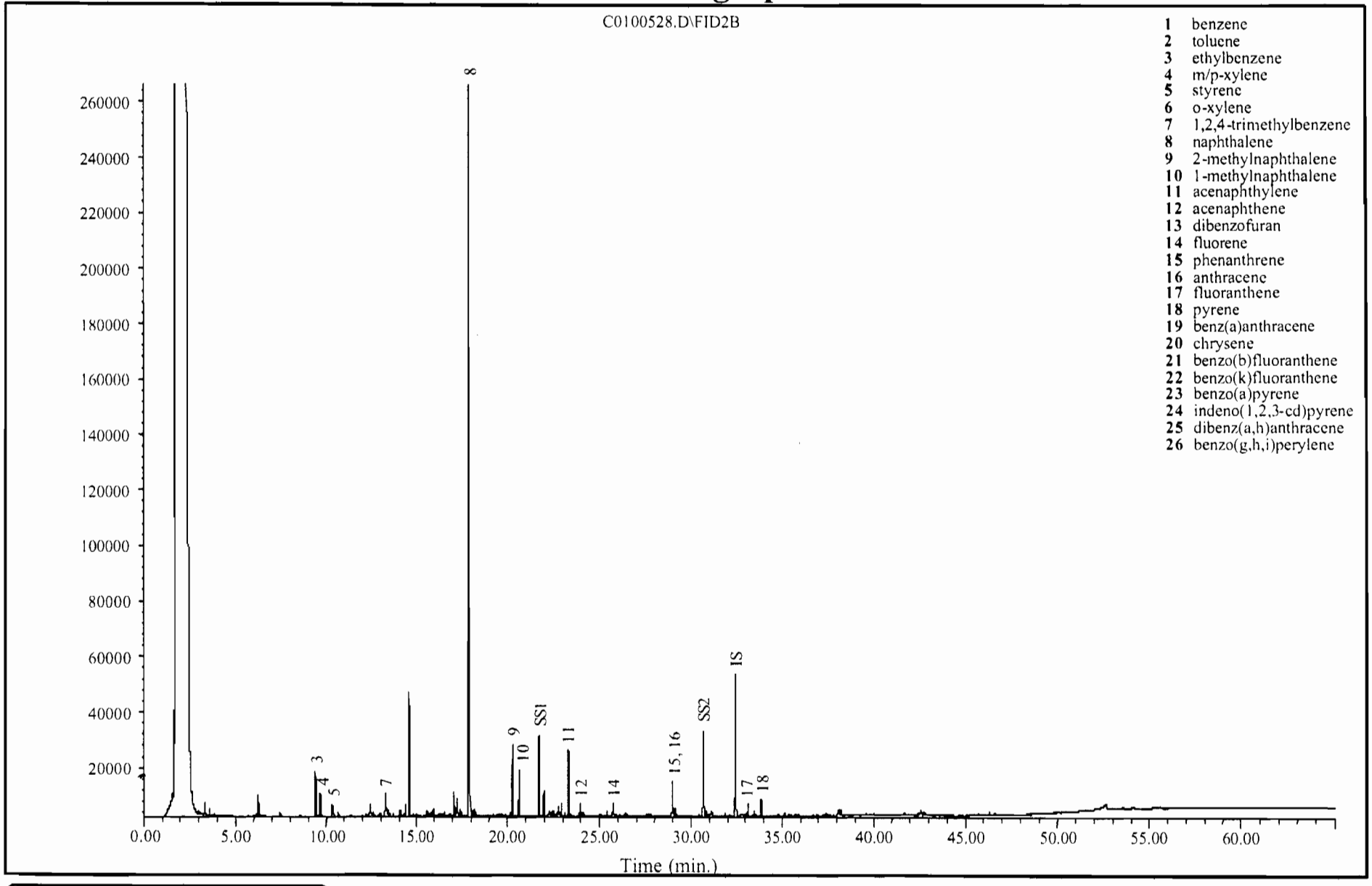
Extraction Date: 12/23/2008
Analysis Date: 01/07/2009

Field ID: **SB-13 (14.5-15.0')**
Laboratory ID: PA081219-01 DUP
Method: EPA 8100M

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

META

GC/FID Fingerprint



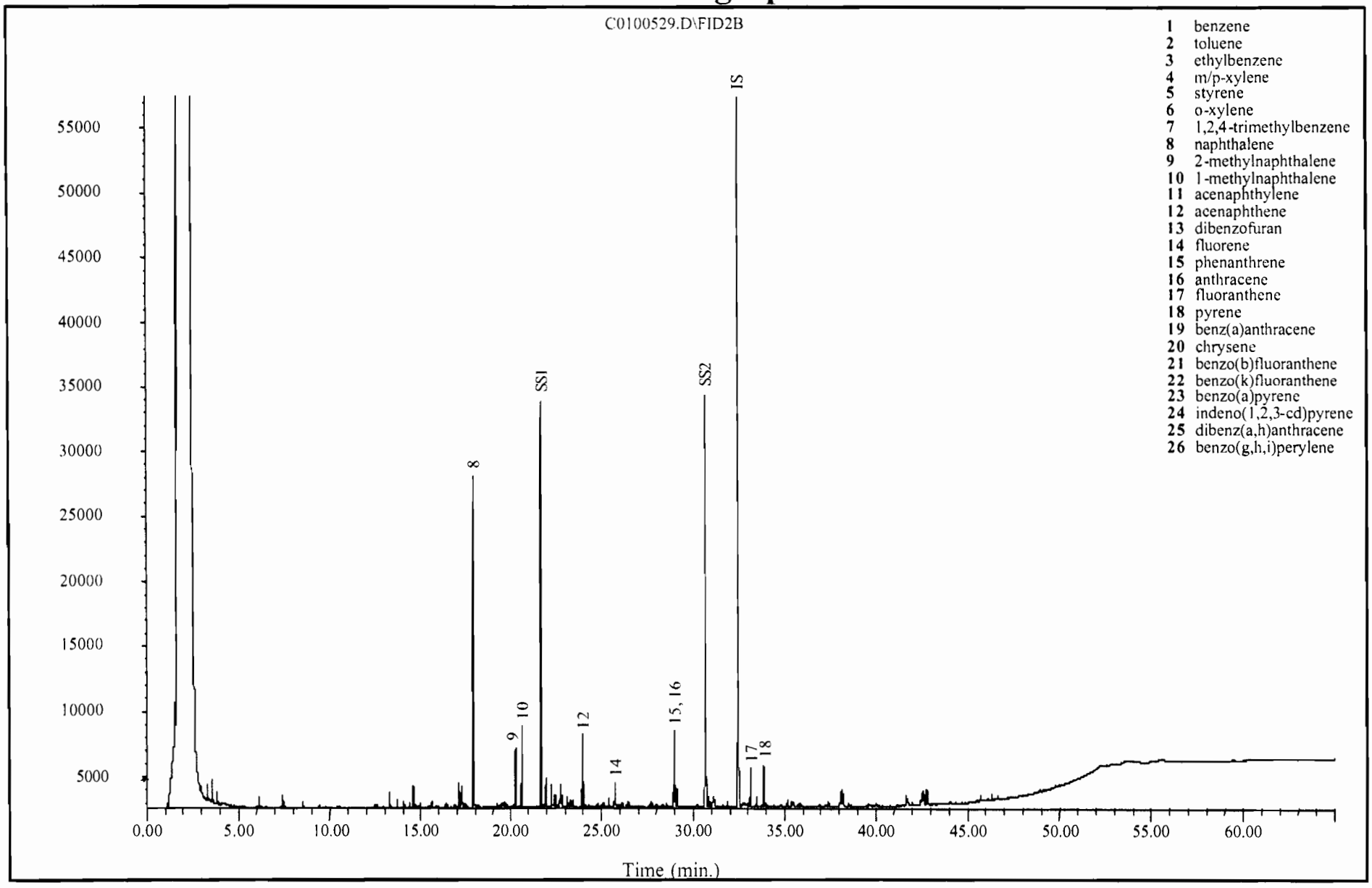
Extraction Date: 12/23/2008
Analysis Date: 01/07/2009

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

Field ID: **SB-3 (13')**
Laboratory ID: PA081219-02
Method: EPA 8100M

META

GC/FID Fingerprint



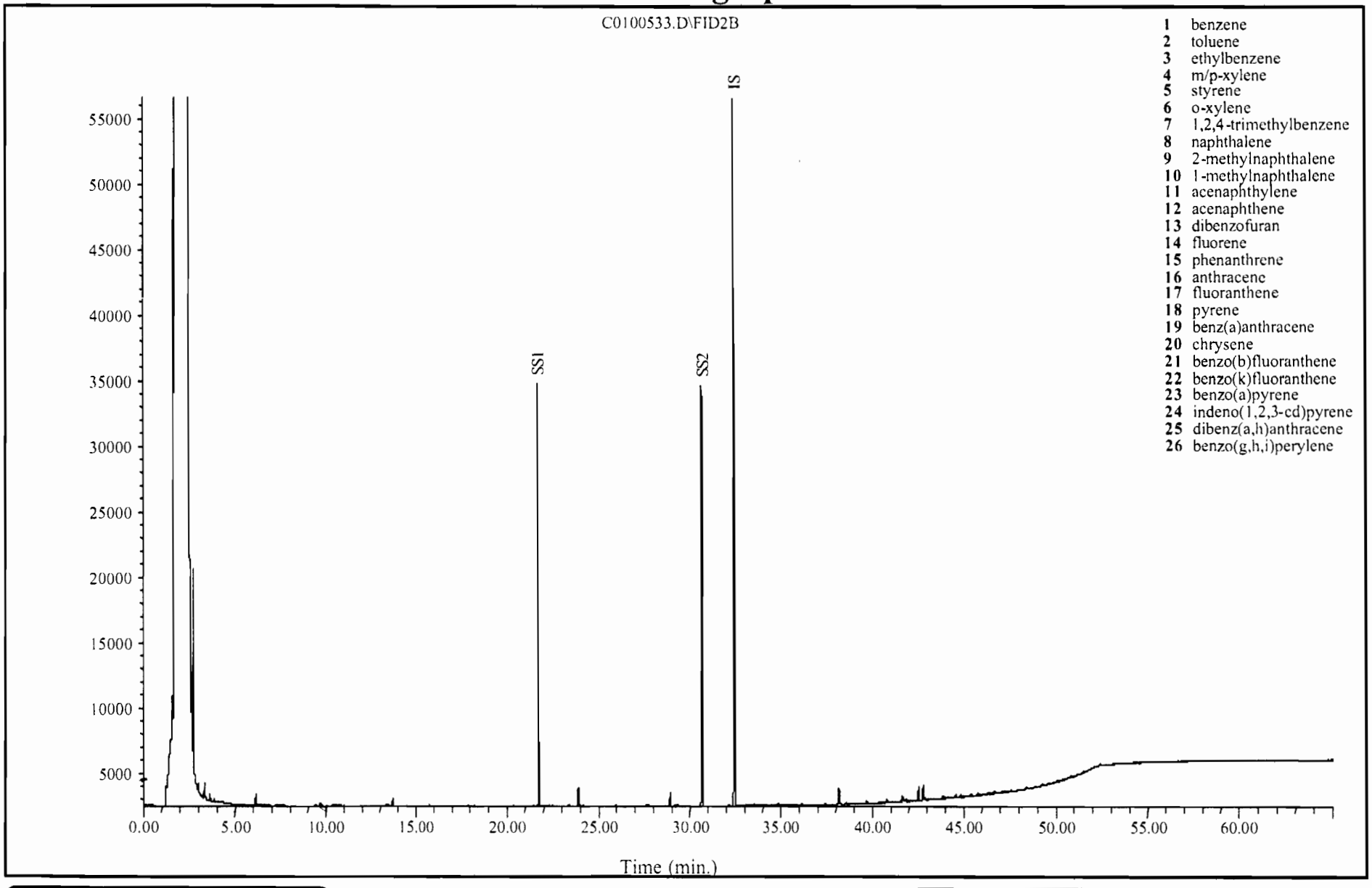
Extraction Date: 12/23/2008
Analysis Date: 01/07/2009

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

Field ID: **SB-12 (17-19')**
Laboratory ID: PA081219-03
Method: EPA 8100M

META

GC/FID Fingerprint



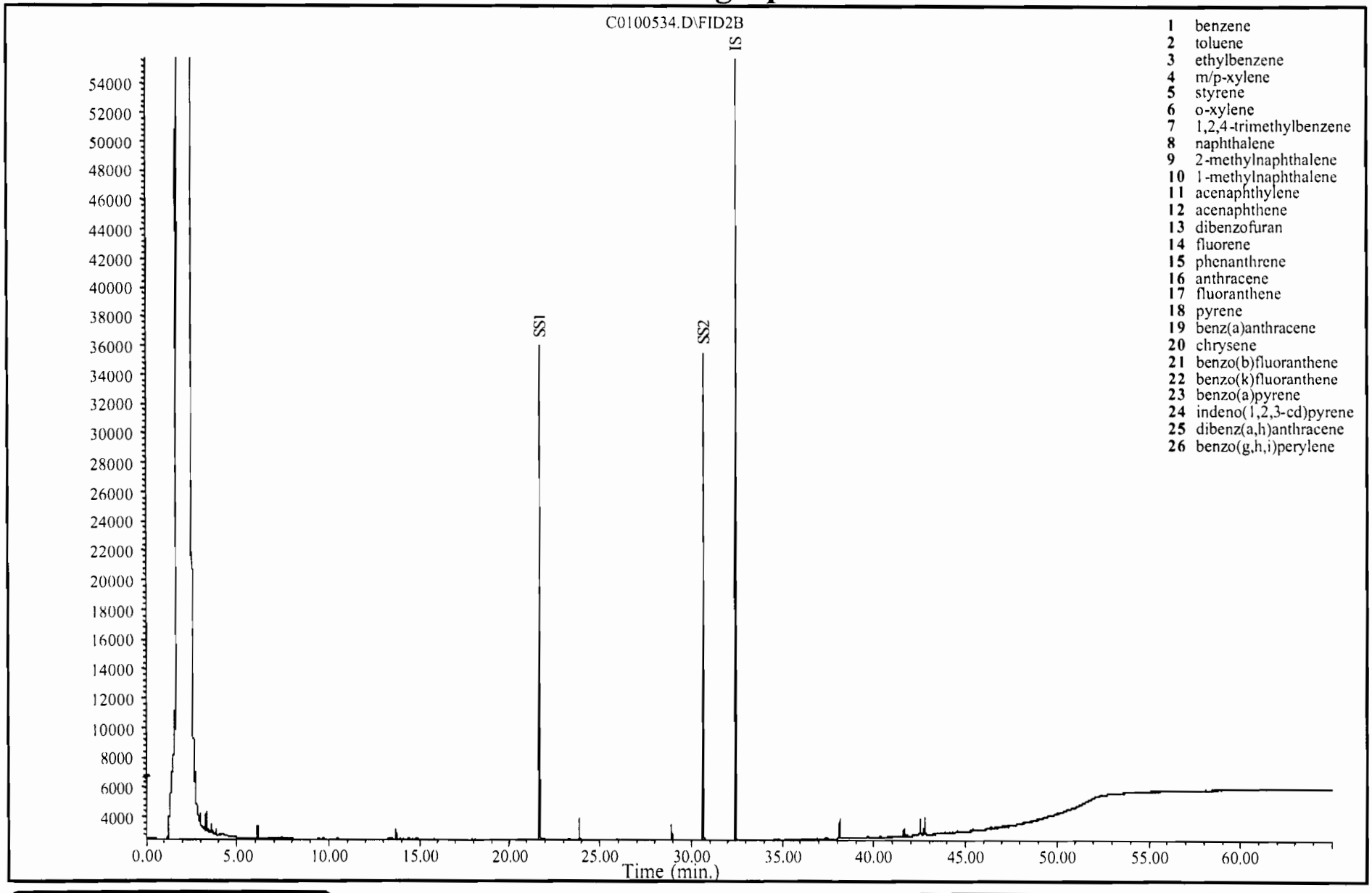
Extraction Date: 12/24/2008
Analysis Date: 01/07/2009

IS – 5α-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

Field ID: **SB-4 (13-15')**
Laboratory ID: PA081223-01
Method: EPA 8100M

META

GC/FID Fingerprint

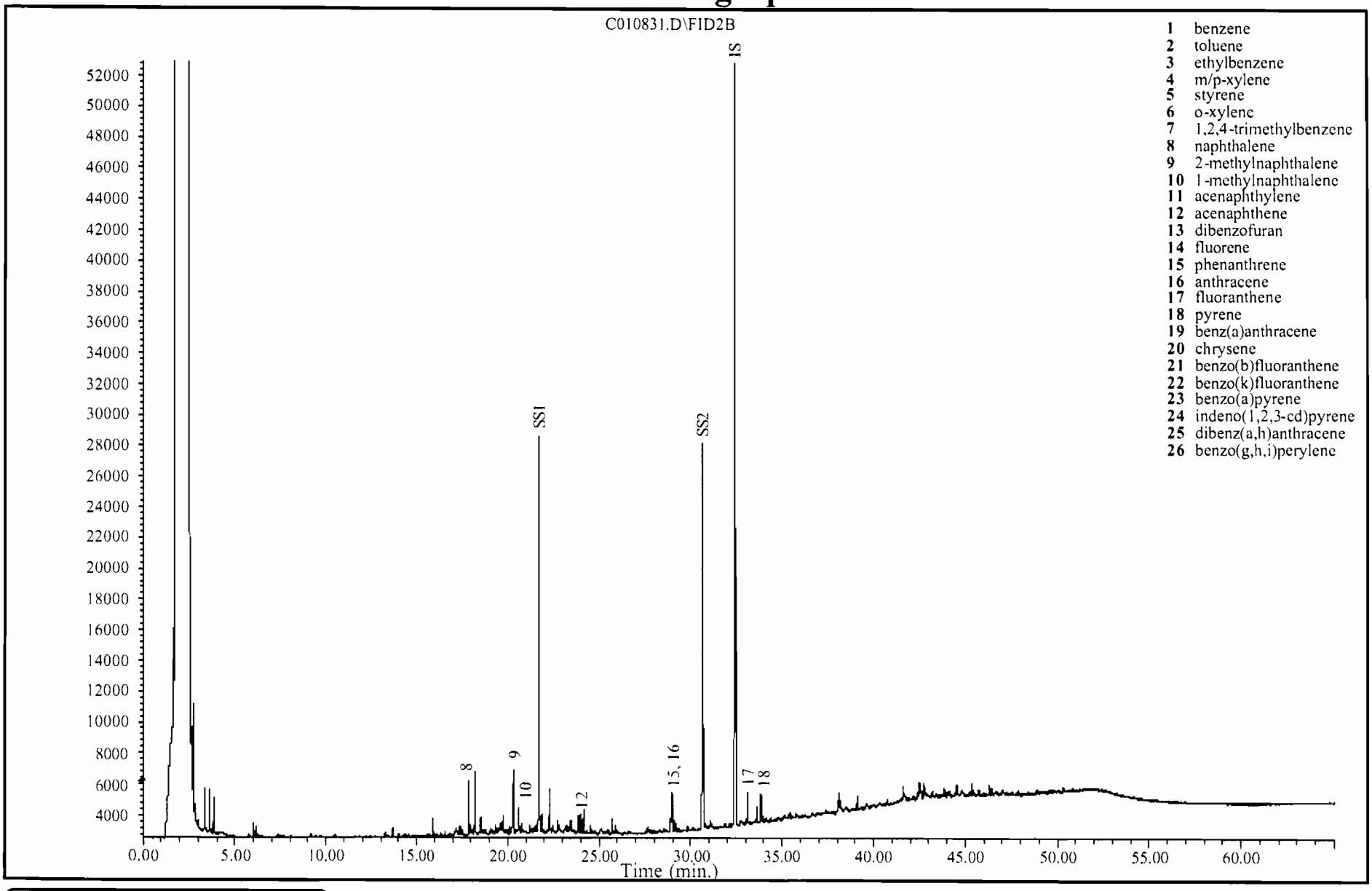


Extraction Date: 12/24/2008
Analysis Date: 01/07/2009

Field ID: **SB-4 (13-15')**
Laboratory ID: PA081223-01 DUP
Method: EPA 8100M

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

GC/FID Fingerprint



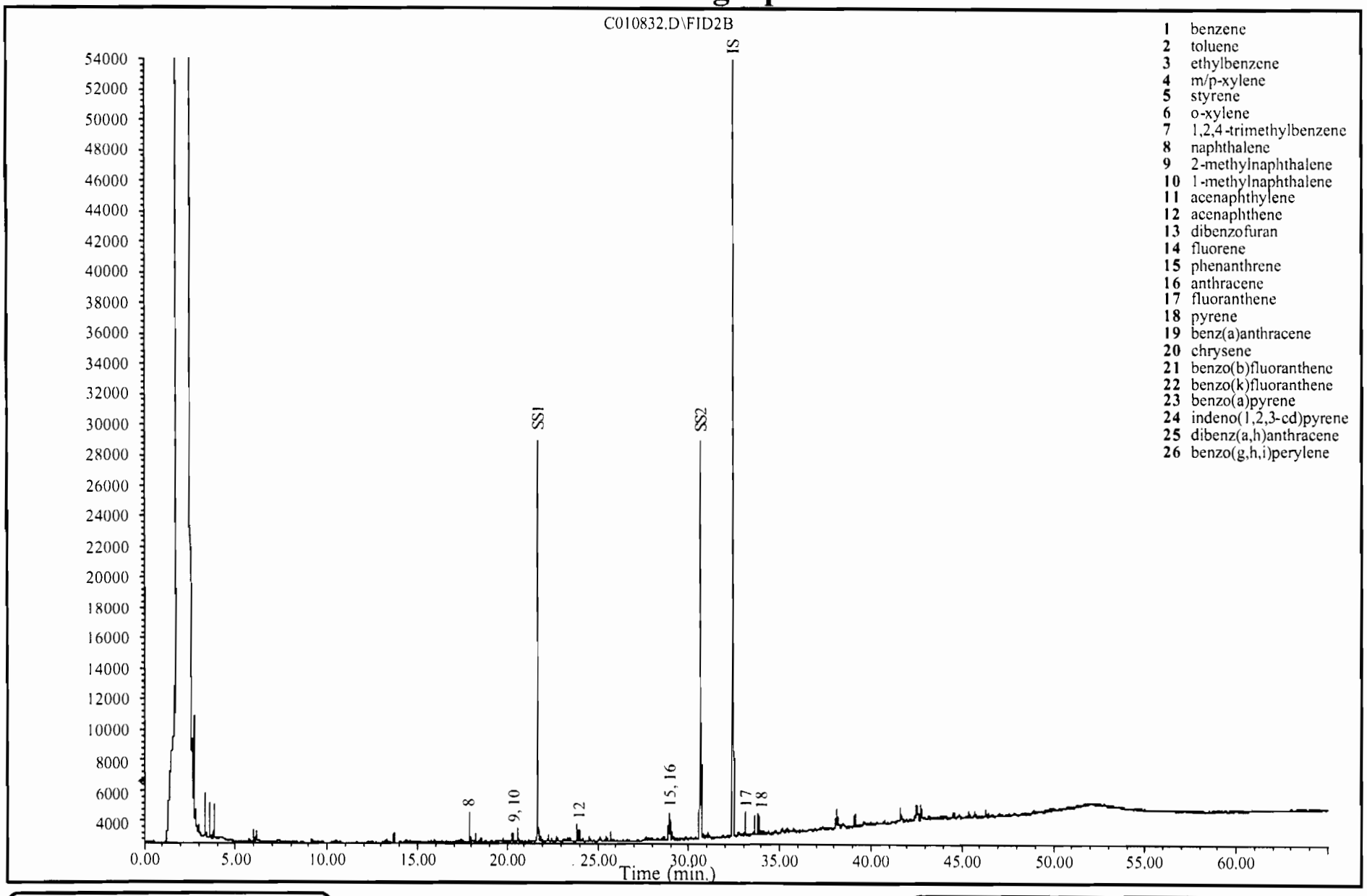
Extraction Date: 1/07/2009
Analysis Date: 01/10/2009

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

Field ID:	**SB-5 (21-23')**
Laboratory ID:	PA090106-01
Method:	EPA 8100M

META

GC/FID Fingerprint

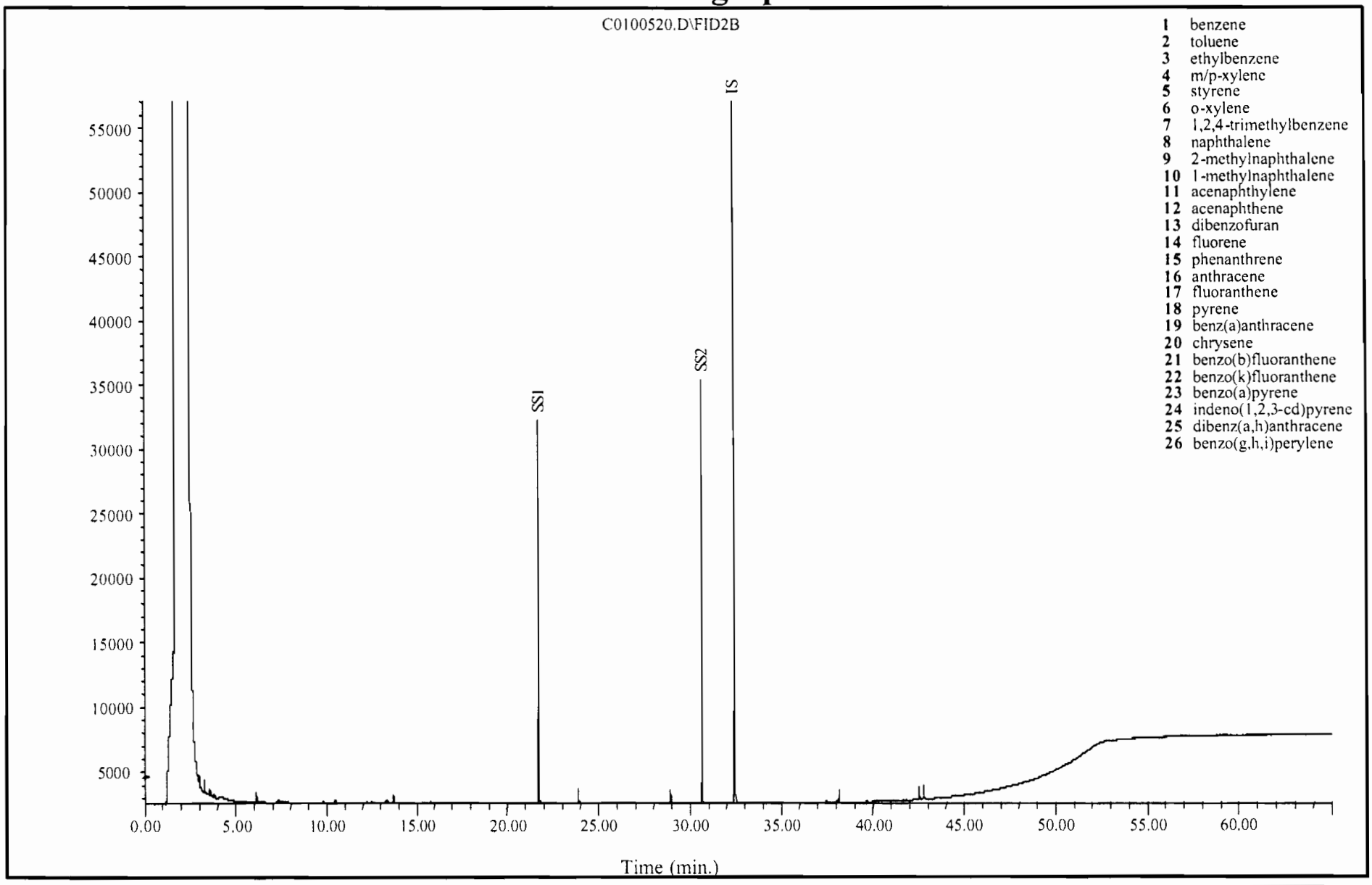


Extraction Date: 1/07/2009
Analysis Date: 01/10/2009

Field ID: **SB-5 (21-23')**
Laboratory ID: PA090106-01DUP
Method: EPA 8100M

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

GC/FID Fingerprint



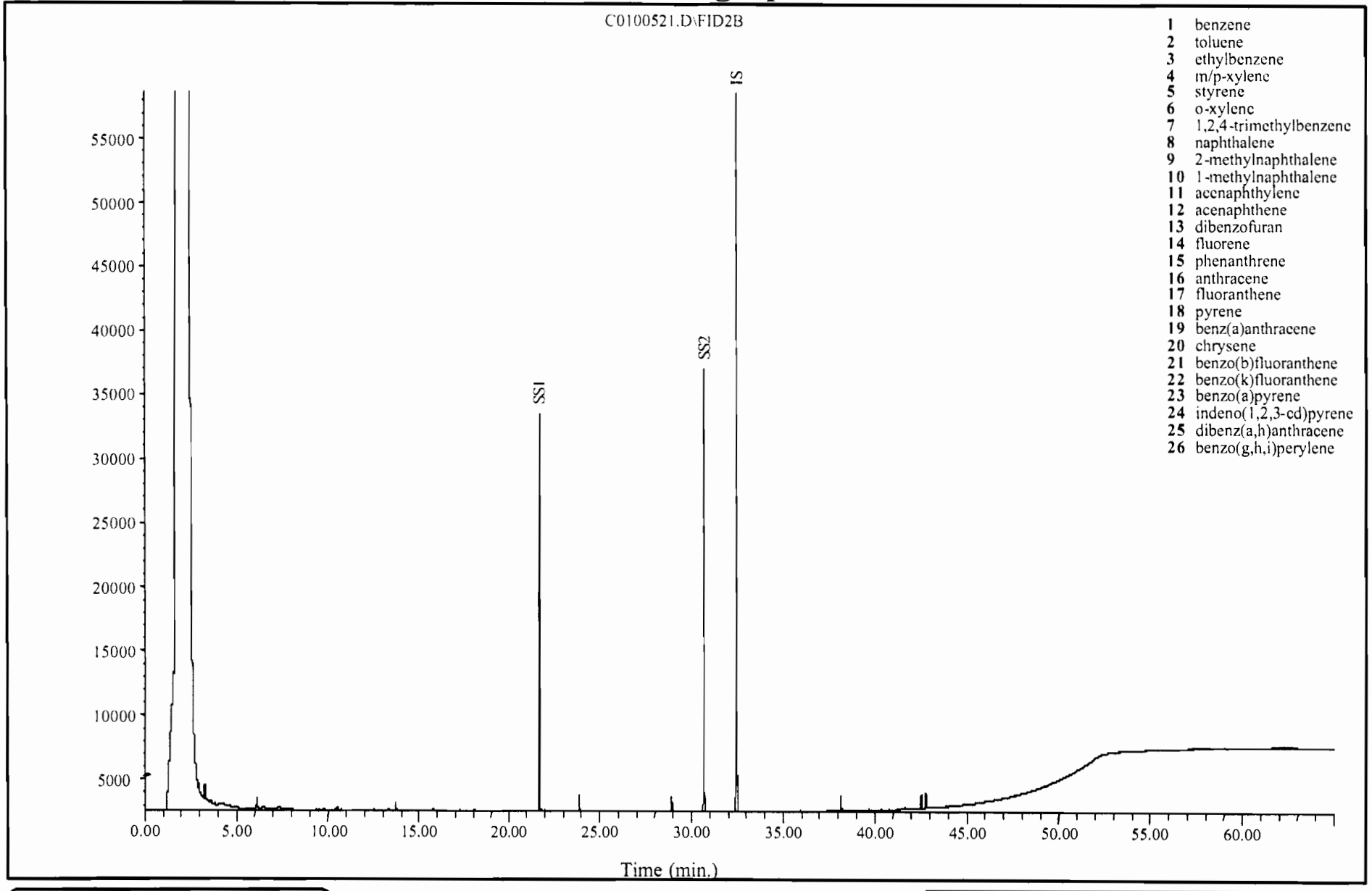
Extraction Date: 12/23/2008
Analysis Date: 01/06/2009

Field ID: **Method Blank**
Laboratory ID: QC081223-MB
Method: EPA 8100M

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

META

GC/FID Fingerprint



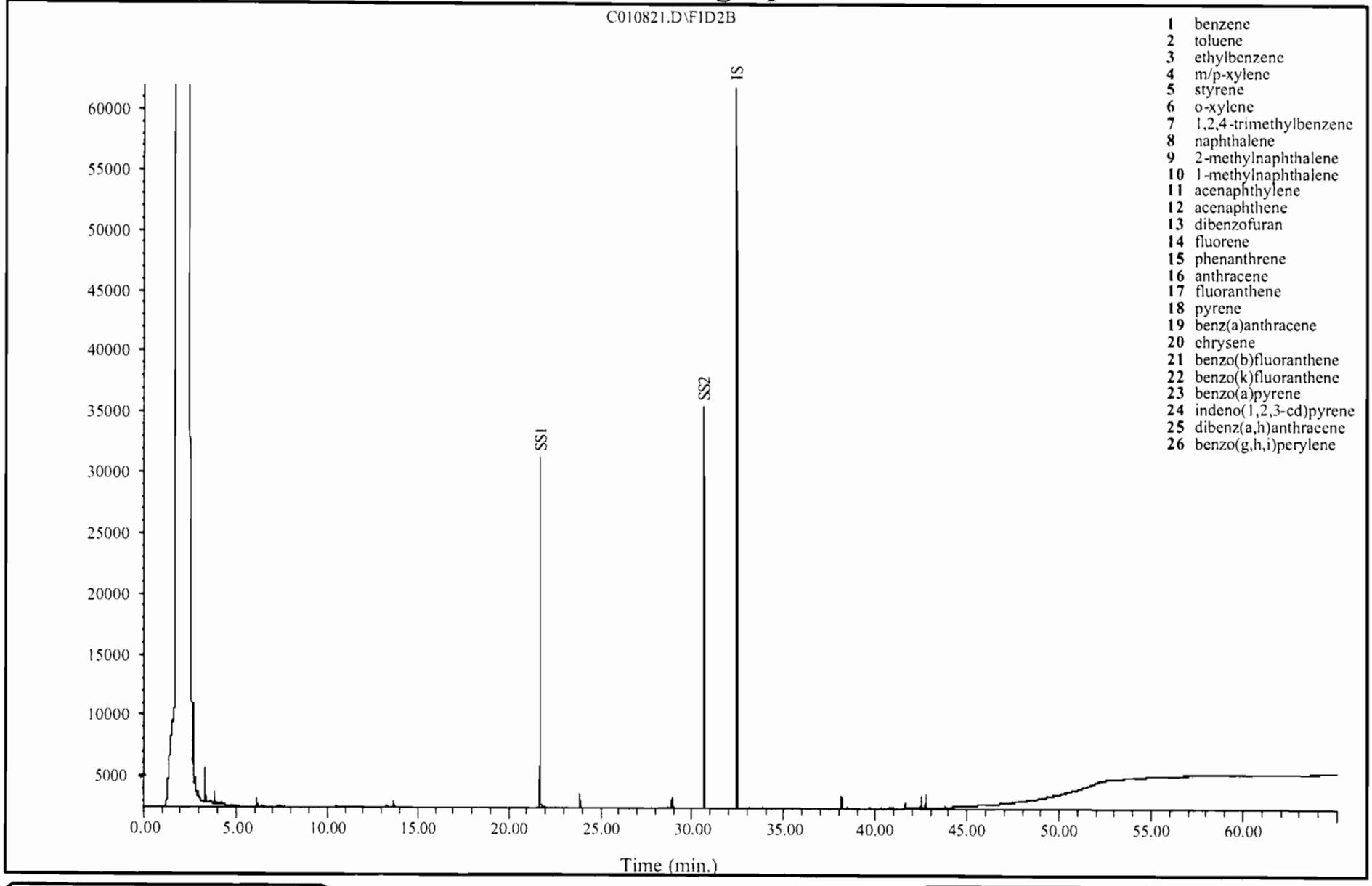
Extraction Date: 12/24/2008
Analysis Date: 01/06/2009

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

Field ID:	**Method Blank**
Laboratory ID:	QC081224-MB
Method:	EPA 8100M

META

GC/FID Fingerprint



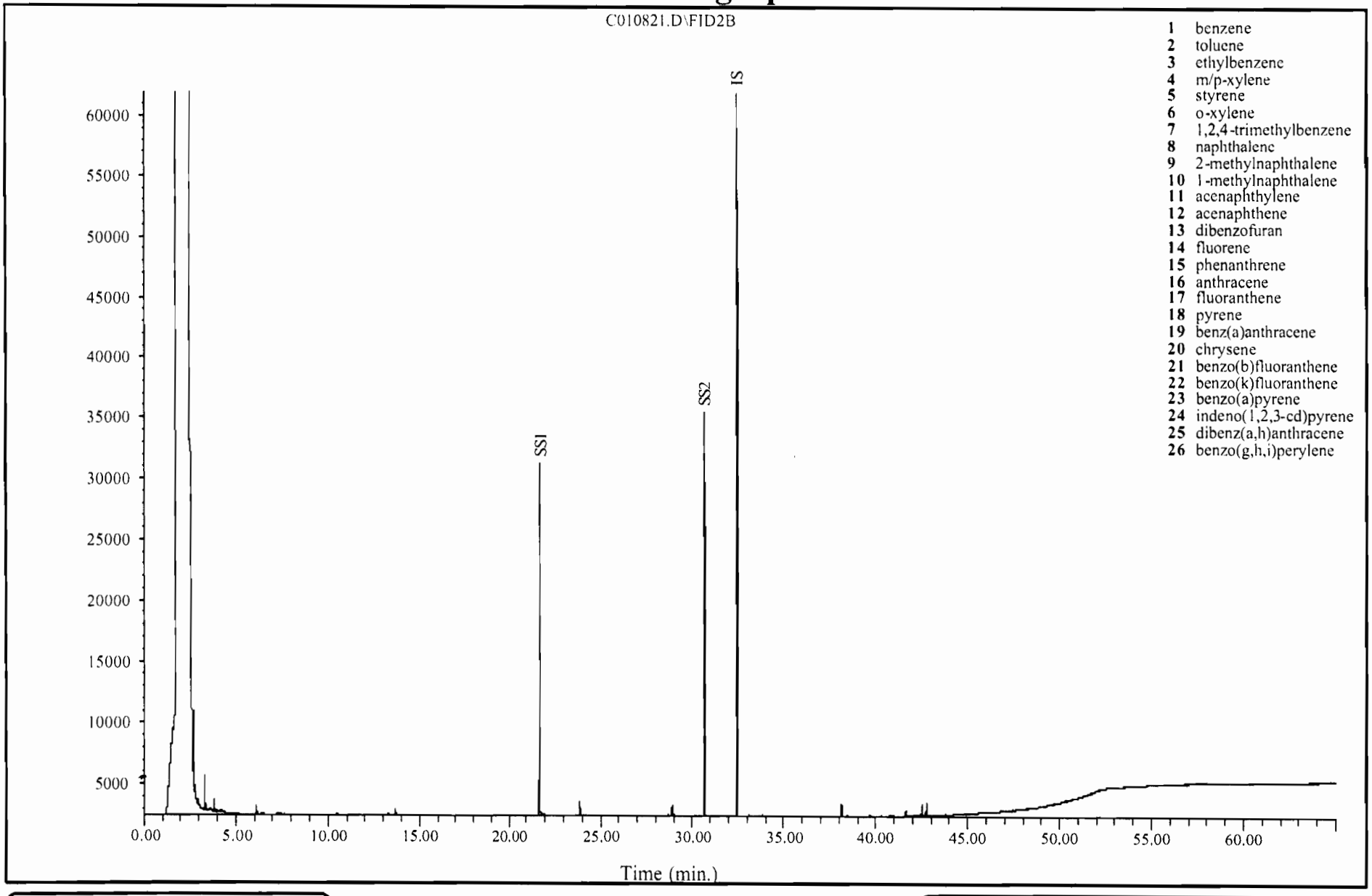
Extraction Date: 01/07/2009
Analysis Date: 01/09/2009

Field ID: **Method Blank**
Laboratory ID: QC090107-SB
Method: EPA 8100M

IS – 5a-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

META

GC/FID Fingerprint



Extraction Date: 01/07/2009
Analysis Date: 01/09/2009

IS – 5α-androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

Field ID: **Soil Blank**
Laboratory ID: QC090107-SB
Method: EPA 8100M

Appendix C

MAH/PAH Concentrations

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: MW-T3

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081212-01		
File ID:	E122408.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/11/2008	Decanted:	None
Date Received:	12/12/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/24/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
MAH & PAH COMPOUNDS:					
Benzene	78.2	B	0.508	0.254	
Toluene	23.0	B	0.508	0.254	
Ethylbenzene	190		0.508	0.254	
m/p-Xylenes	90.0		0.508	0.254	
Styrene	109		0.508	0.254	
o-Xylene	61.6		0.508	0.254	
Isopropylbenzene	11.2		0.508	0.254	
n-Propylbenzene	9.43		0.508	0.254	
1,3,5-Trimethylbenzene	30.0		0.508	0.254	
1,2,4-Trimethylbenzene	99.2		0.508	0.254	
t-Butylbenzene		U	0.508	0.254	
sec-Butylbenzene	1.32		0.508	0.254	
p-Isopropyltoluene	7.65		0.508	0.254	
n-Butylbenzene	12.6		0.508	0.254	
C1 - Benzene	14.9		0.508	0.254	
C2 - Benzene	141		0.508	0.254	
C3 - Benzene	123		0.508	0.254	
C4 - Benzene	118		0.508	0.254	
C5 - Benzene	59.4		0.508	0.254	
trans-Decalin	3.18		0.508	0.254	
cis-Decalin		U	0.508	0.254	
Naphthalene	2,700	D	0.508	0.254	
2-Methylnaphthalene	664		0.508	0.254	
1-Methylnaphthalene	523		0.508	0.254	
C1 - Naphthalene	748		0.508	0.254	
C2 - Naphthalene	416		0.508	0.254	
C3- Naphthalene	162		0.508	0.254	
C4- Naphthalene	76.4		0.508	0.254	
Acenaphthylene	269		0.508	0.254	
Acenaphthene	1,100		0.508	0.254	
Dibenzofuran	7.22		0.508	0.254	
Fluorene	252		0.508	0.254	
C1 - Fluorene	122		0.508	0.254	
C2 - Fluorene	143		0.508	0.254	
C3 - Fluorene	91.6		0.508	0.254	
Phenanthrene	662		0.508	0.254	
Anthracene	202		0.508	0.254	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: MW-T3

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081212-01		
File ID:	E122408.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/11/2008	Decanted:	None
Date Received:	12/12/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/24/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene	454		0.508	0.254	
C2 - Phenanthrene/Anthracene	288		0.508	0.254	
C3 - Phenanthrene/Anthracene	131		0.508	0.254	
C4 - Phenanthrene/Anthracene	35.8		0.508	0.254	
Dibenzothiophene	28.2		0.508	0.254	
C1 - Dibenzothiophene	49.7		0.508	0.254	
C2 - Dibenzothiophene	47.5		0.508	0.254	
C3 - Dibenzothiophene	39.5		0.508	0.254	
C4 - Dibenzothiophene	22.1		0.508	0.254	
Benzo(b)naphtho(2,1-d)thiophene	15.4		0.508	0.254	
Fluoranthene	267		0.508	0.254	
Pyrene	407		0.508	0.254	
C1 - Fluoranthene/Pyrene	336		0.508	0.254	
C2 - Fluoranthene/Pyrene	157		0.508	0.254	
C3 - Fluoranthene/Pyrene	68.9		0.508	0.254	
Benz[a]anthracene	148		0.508	0.254	
Chrysene*	131		0.508	0.254	
C1 - Benz(a)anthracene/Chrysene	122		0.508	0.254	
C2 - Benz(a)anthracene/Chrysene	55.2		0.508	0.254	
C3 - Benz(a)anthracene/Chrysene	16.8		0.508	0.254	
C4 - Benz(a)anthracene/Chrysene		U	0.508	0.254	
Benzo[b]fluoranthene	55.5		0.508	0.254	
Benzo[j/k]fluoranthene	66.0		0.508	0.254	
Benzo(e)pyrene	64.1		0.508	0.254	
Benzo[a]pyrene	113		0.508	0.254	
Perylene	16.7		0.508	0.254	
Indeno[1,2,3-cd]pyrene	39.0		0.508	0.254	
Dibenz[a,h]anthracene	9.37		0.508	0.254	
Benzo[g,h,i]perylene	60.1		0.508	0.254	
Coronene	15.4		0.508	0.254	
Retene		U	0.508	0.254	
Benzo(b/c)fluorenes	52.1		0.508	0.254	
2-Methylpyrene	46.6		0.508	0.254	
4-Methylpyrene	38.0		0.508	0.254	
1-Methylpyrene	49.9		0.508	0.254	
Heptadecane	144		0.508	0.254	
Pristane	84.3		0.508	0.254	
Octadecane	156		0.508	0.254	
Phytane	125		0.508	0.254	

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: MW-T3

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081212-01		
File ID:	E122408.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/11/2008	Decanted:	None
Date Received:	12/12/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/24/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
2,6,10-trimethyldodecane	17.8		0.508	0.254	
2,6,10-trimethyltridecane	30.2		0.508	0.254	
Norpristane	32.3		0.508	0.254	
Tetraethyl lead		U	0.508	0.254	
Total PAH (16)	6,480		0.508	0.254	
Total PAH (42)	10,200		0.508	0.254	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	92	50 - 120
Phenanthrene-d10	114	50 - 120
Benzo[a]pyrene-d12	117	50 - 120
Perylene-d12	135	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Duplicate of MW-T3**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081212-01DUP		
File ID:	E122409.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/11/2008	Decanted:	None
Date Received:	12/12/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
MAH & PAH COMPOUNDS:					RPD
Benzene	84.6	B	0.575	0.287	7.9
Toluene	23.7	B	0.575	0.287	3
Ethylbenzene	196		0.575	0.287	3.1
m/p-Xylenes	94.6		0.575	0.287	5
Styrene	113		0.575	0.287	3.6
o-Xylene	64.2		0.575	0.287	4.1
Isopropylbenzene	11.5		0.575	0.287	2.6
n-Propylbenzene	9.59		0.575	0.287	1.7
1,3,5-Trimethylbenzene	31.0		0.575	0.287	3.3
1,2,4-Trimethylbenzene	102		0.575	0.287	2.8
t-Butylbenzene		U	0.575	0.287	NA
sec-Butylbenzene	1.2		0.575	0.287	9.5
p-Isopropyltoluene	7.85		0.575	0.287	2.6
n-Butylbenzene	13.7		0.575	0.287	8.4
C1 - Benzene	15.4		0.575	0.287	3.3
C2 - Benzene	144		0.575	0.287	2.1
C3 - Benzene	126		0.575	0.287	2.4
C4 - Benzene	121		0.575	0.287	2.5
C5 - Benzene	61.7		0.575	0.287	3.8
trans-Decalin	2.92		0.575	0.287	8.5
cis-Decalin		U	0.575	0.287	NA
Naphthalene	2,650	D	0.575	0.287	1.9
2-Methylnaphthalene	702		0.575	0.287	5.6
1-Methylnaphthalene	552		0.575	0.287	5.4
C1 - Naphthalene	788		0.575	0.287	5.2
C2 - Naphthalene	446		0.575	0.287	7
C3- Naphthalene	176		0.575	0.287	8.3
C4- Naphthalene	79.1		0.575	0.287	3.5
Acenaphthylene	284		0.575	0.287	5.4
Acenaphthene	1,150		0.575	0.287	4.4
Dibenzofuran	7.66		0.575	0.287	5.9
Fluorene	267		0.575	0.287	5.8
C1 - Fluorene	134		0.575	0.287	9.4
C2 - Fluorene	163		0.575	0.287	13.1
C3 - Fluorene	107		0.575	0.287	15.5
Phenanthrene	722		0.575	0.287	8.7
Anthracene	223		0.575	0.287	9.9

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of MW-T3

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081212-01DUP		
File ID:	E122409.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/11/2008	Decanted:	None
Date Received:	12/12/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene	488		0.575	0.287	7.2
C2 - Phenanthrene/Anthracene	335		0.575	0.287	15.1
C3 - Phenanthrene/Anthracene	136		0.575	0.287	3.7
C4 - Phenanthrene/Anthracene	38.2		0.575	0.287	6.5
Dibenzothiophene	30.9		0.575	0.287	9.1
C1 - Dibenzothiophene	53.3		0.575	0.287	7
C2 - Dibenzothiophene	53.5		0.575	0.287	11.9
C3 - Dibenzothiophene	43.1		0.575	0.287	8.7
C4 - Dibenzothiophene	23.6		0.575	0.287	6.6
Benzo(b)naphtho(2,1-d)thiophene	15.9		0.575	0.287	3.2
Fluoranthene	292		0.575	0.287	8.9
Pyrene	430		0.575	0.287	5.5
C1 - Fluoranthene/Pyrene	356		0.575	0.287	5.8
C2 - Fluoranthene/Pyrene	170		0.575	0.287	8
C3 - Fluoranthene/Pyrene	78.6		0.575	0.287	13.2
Benz[a]anthracene	158		0.575	0.287	6.5
Chrysene*	139		0.575	0.287	5.9
C1 - Benz(a)anthracene/Chrysene	128		0.575	0.287	4.8
C2 - Benz(a)anthracene/Chrysene	59.5		0.575	0.287	7.5
C3 - Benz(a)anthracene/Chrysene	21.8		0.575	0.287	25.9
C4 - Benz(a)anthracene/Chrysene		U	0.575	0.287	NA
Benzo[b]fluoranthene	61.3		0.575	0.287	9.9
Benzo[j/k]fluoranthene	66.6		0.575	0.287	0.9
Benzo(e)pyrene	67.8		0.575	0.287	5.6
Benzo[a]pyrene	120		0.575	0.287	6
Perylene	18.1		0.575	0.287	8
Indeno[1,2,3-cd]pyrene	41.7		0.575	0.287	6.7
Dibenz[a,h]anthracene	11.2		0.575	0.287	17.8
Benzo[g,h,i]perylene	65.2		0.575	0.287	8.1
Coronene	17.4		0.575	0.287	12.2
Retene		U	0.575	0.287	NA
Benzo(b/c)fluorenes	53.7		0.575	0.287	3
2-Methylpyrene	48.2		0.575	0.287	3.4
4-Methylpyrene	41.0		0.575	0.287	7.6
1-Methylpyrene	52.5		0.575	0.287	5.1
Heptadecane	150		0.575	0.287	4.1
Pristane	91.9		0.575	0.287	8.6
Octadecane	172		0.575	0.287	9.8
Phytane	145		0.575	0.287	14.8

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of MW-T3

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081212-01DUP		
File ID:	E122409.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/11/2008	Decanted:	None
Date Received:	12/12/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
2,6,10-trimethyldodecane	19.3		0.575	0.287	8.1
2,6,10-trimethyltridecane	29.6		0.575	0.287	2
Norpristane	31.2		0.575	0.287	3.5
Tetraethyl lead		U	0.575	0.287	NA
Total PAH (16)	6,680		0.575	0.287	3
Total PAH (42)	10,700		0.575	0.287	4.8

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	74	50 - 120
Phenanthrene-d10	98	50 - 120
Benzo[a]pyrene-d12	101	50 - 120
Perylene-d12	115	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-13 (14.5-15.0')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-01		
File ID:	E122410.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/16/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
MAH & PAH COMPOUNDS:					
Benzene	54.0	B	0.613	0.307	
Toluene	31.6	B	0.613	0.307	
Ethylbenzene	25.0		0.613	0.307	
m/p-Xylenes	27.3		0.613	0.307	
Styrene	39.4		0.613	0.307	
o-Xylene	12.1		0.613	0.307	
Isopropylbenzene	0.525	J	0.613	0.307	
n-Propylbenzene	3.37		0.613	0.307	
1,3,5-Trimethylbenzene	9.04		0.613	0.307	
1,2,4-Trimethylbenzene	16.2		0.613	0.307	
t-Butylbenzene		U	0.613	0.307	
sec-Butylbenzene		U	0.613	0.307	
p-Isopropyltoluene	0.724		0.613	0.307	
n-Butylbenzene	2.06		0.613	0.307	
C1 - Benzene	19.1	B	0.613	0.307	
C2 - Benzene	27.1		0.613	0.307	
C3 - Benzene	20.6		0.613	0.307	
C4 - Benzene	11.6		0.613	0.307	
C5 - Benzene	5.24		0.613	0.307	
trans-Decalin		U	0.613	0.307	
cis-Decalin		U	0.613	0.307	
Naphthalene	15,000	D	0.613	0.307	
2-Methylnaphthalene	1,300		0.613	0.307	
1-Methylnaphthalene	953		0.613	0.307	
C1 - Naphthalene	1,420		0.613	0.307	
C2 - Naphthalene	311		0.613	0.307	
C3- Naphthalene	69.2		0.613	0.307	
C4- Naphthalene	19.6		0.613	0.307	
Acenaphthylene	7,340	D	0.613	0.307	
Acenaphthene	568		0.613	0.307	
Dibenzofuran	19.8		0.613	0.307	
Fluorene	2,400		0.613	0.307	
C1 - Fluorene	318		0.613	0.307	
C2 - Fluorene	88.2		0.613	0.307	
C3 - Fluorene	58.6		0.613	0.307	
Phenanthrene	16,800	D	0.613	0.307	
Anthracene	3,460	D	0.613	0.307	

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-13 (14.5-15.0')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-01		
File ID:	E122410.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/16/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene	1,280		0.613	0.307	
C2 - Phenanthrene/Anthracene	243		0.613	0.307	
C3 - Phenanthrene/Anthracene	50.8		0.613	0.307	
C4 - Phenanthrene/Anthracene	11.3		0.613	0.307	
Dibenzothiophene	189		0.613	0.307	
C1 - Dibenzothiophene	50.0		0.613	0.307	
C2 - Dibenzothiophene	26.6		0.613	0.307	
C3 - Dibenzothiophene	23.2		0.613	0.307	
C4 - Dibenzothiophene	6.52		0.613	0.307	
Benzo(b)naphtho(2,1-d)thiophene	57.8		0.613	0.307	
Fluoranthene	10,500	D	0.613	0.307	
Pyrene	13,400	D	0.613	0.307	
C1 - Fluoranthene/Pyrene	2,060		0.613	0.307	
C2 - Fluoranthene/Pyrene	202		0.613	0.307	
C3 - Fluoranthene/Pyrene	29.9		0.613	0.307	
Benz[a]anthracene	1,770		0.613	0.307	
Chrysene*	1,890		0.613	0.307	
C1 - Benz(a)anthracene/Chrysene	253		0.613	0.307	
C2 - Benz(a)anthracene/Chrysene	42.9		0.613	0.307	
C3 - Benz(a)anthracene/Chrysene	8.51		0.613	0.307	
C4 - Benz(a)anthracene/Chrysene	7.68		0.613	0.307	
Benzo[b]fluoranthene	1,350		0.613	0.307	
Benzo[j/k]fluoranthene	1,490		0.613	0.307	
Benzo(e)pyrene	1,530		0.613	0.307	
Benzo[a]pyrene	3,310	D	0.613	0.307	
Perylene	674		0.613	0.307	
Indeno[1,2,3-cd]pyrene	1,640		0.613	0.307	
Dibenz[a,h]anthracene	241		0.613	0.307	
Benzo[g,h,i]perylene	2,970	D	0.613	0.307	
Coronene	956		0.613	0.307	
Retene		U	0.613	0.307	
Benzo(b/c)fluorenes	399		0.613	0.307	
2-Methylpyrene	221		0.613	0.307	
4-Methylpyrene	238		0.613	0.307	
1-Methylpyrene	371		0.613	0.307	
Heptadecane	29.4		0.613	0.307	
Pristane		U	0.613	0.307	
Octadecane	30.4		0.613	0.307	
Phytane		U	0.613	0.307	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-13 (14.5-15.0')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-01		
File ID:	E122410.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/16/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.613	0.307	
2,6,10-trimethyltridecane	U	0.613	0.307	
Norpristane	U	0.613	0.307	
Tetraethyl lead	U	0.613	0.307	
Total PAH (16)	84,100	0.613	0.307	
Total PAH (42)	93,100	0.613	0.307	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	71	50 - 120
Phenanthrene-d10	96	50 - 120
Benzo[a]pyrene-d12	91	50 - 120
Perylene-d12	110	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Duplicate of SB-13 (14.5-15.0')**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-01DUP		
File ID:	E122411.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/16/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
MAH & PAH COMPOUNDS:					RPD
Benzene	88.8	B	0.735	0.368	48.7
Toluene	45.8	B	0.735	0.368	36.7
Ethylbenzene	28.9		0.735	0.368	14.5
m/p-Xylenes	37.6		0.735	0.368	31.7
Styrene	64.2		0.735	0.368	47.9
o-Xylene	17.4		0.735	0.368	35.9
Isopropylbenzene	0.964		0.735	0.368	59
n-Propylbenzene	4.47		0.735	0.368	28.1
1,3,5-Trimethylbenzene	13.7		0.735	0.368	41
1,2,4-Trimethylbenzene	23.9		0.735	0.368	38.4
t-Butylbenzene		U	0.735	0.368	NA
sec-Butylbenzene	0.571	J	0.735	0.368	NA
p-Isopropyltoluene	1.16		0.735	0.368	46.3
n-Butylbenzene	2.24		0.735	0.368	8.4
C1 - Benzene	27.9	B	0.735	0.368	37.4
C2 - Benzene	35.6		0.735	0.368	27.1
C3 - Benzene	29.5		0.735	0.368	35.5
C4 - Benzene	16.1		0.735	0.368	32.5
C5 - Benzene	7.02		0.735	0.368	29
trans-Decalin		U	0.735	0.368	NA
cis-Decalin		U	0.735	0.368	NA
Naphthalene	21,800	D	0.735	0.368	37
2-Methylnaphthalene	1,870		0.735	0.368	36
1-Methylnaphthalene	1,350		0.735	0.368	34.5
C1 - Naphthalene	2,030		0.735	0.368	35.4
C2 - Naphthalene	408		0.735	0.368	27
C3- Naphthalene	75.1		0.735	0.368	8.2
C4- Naphthalene	17.8		0.735	0.368	9.6
Acenaphthylene	11,000	D	0.735	0.368	39.9
Acenaphthene	825		0.735	0.368	36.9
Dibenzofuran	24.2		0.735	0.368	20
Fluorene	3,260		0.735	0.368	30.4
C1 - Fluorene	391		0.735	0.368	20.6
C2 - Fluorene	93.8		0.735	0.368	6.2
C3 - Fluorene	44.6		0.735	0.368	27.1
Phenanthrene	23,100	D	0.735	0.368	31.6
Anthracene	5,850	D	0.735	0.368	51.3

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Duplicate of SB-13 (14.5-15.0')**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-01DUP		
File ID:	E122411.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/16/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene	1,470		0.735	0.368	13.8
C2 - Phenanthrene/Anthracene	236		0.735	0.368	2.9
C3 - Phenanthrene/Anthracene	44.0		0.735	0.368	14.3
C4 - Phenanthrene/Anthracene	9.29		0.735	0.368	19.5
Dibenzothiophene	222		0.735	0.368	16.1
C1 - Dibenzothiophene	48.2		0.735	0.368	3.7
C2 - Dibenzothiophene	22.0		0.735	0.368	18.9
C3 - Dibenzothiophene	24.6		0.735	0.368	5.9
C4 - Dibenzothiophene	6.5		0.735	0.368	0.3
Benzo(b)naphtho(2,1-d)thiophene	60.4		0.735	0.368	4.4
Fluoranthene	14,600	D	0.735	0.368	32.7
Pyrene	18,600	D	0.735	0.368	32.5
C1 - Fluoranthene/Pyrene	2,620		0.735	0.368	23.9
C2 - Fluoranthene/Pyrene	217		0.735	0.368	7.2
C3 - Fluoranthene/Pyrene	28.8		0.735	0.368	3.7
Benz[a]anthracene	2,310		0.735	0.368	26.5
Chrysene*	2,760		0.735	0.368	37.4
C1 - Benz(a)anthracene/Chrysene	294		0.735	0.368	15
C2 - Benz(a)anthracene/Chrysene	44.2		0.735	0.368	3
C3 - Benz(a)anthracene/Chrysene	9.23		0.735	0.368	8.1
C4 - Benz(a)anthracene/Chrysene	11.2		0.735	0.368	37.3
Benzo[b]fluoranthene	1,980		0.735	0.368	37.8
Benzo[j/k]fluoranthene	2,050		0.735	0.368	31.6
Benzo(e)pyrene	2,110		0.735	0.368	31.9
Benzo[a]pyrene	4,820	D	0.735	0.368	37.1
Perylene	935		0.735	0.368	32.4
Indeno[1,2,3-cd]pyrene	2,310		0.735	0.368	33.9
Dibenz[a,h]anthracene	332		0.735	0.368	31.8
Benzo[g,h,i]perylene	4,340	D	0.735	0.368	37.5
Coronene	1,350		0.735	0.368	34.2
Retene		U	0.735	0.368	NA
Benzo(b/c)fluorenes	510		0.735	0.368	24.4
2-Methylpyrene	262		0.735	0.368	17
4-Methylpyrene	291		0.735	0.368	20
1-Methylpyrene	454		0.735	0.368	20.1
Heptadecane	26.8		0.735	0.368	9.3
Pristane		U	0.735	0.368	NA
Octadecane	27.0		0.735	0.368	11.8
Phytane		U	0.735	0.368	NA

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of SB-13 (14.5-15.0')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-01DUP		
File ID:	E122411.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/16/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyldodecane	0.953	0.735	0.368	NA
2,6,10-trimethyltridecane	1.77	0.735	0.368	NA
Norpristane	U	0.735	0.368	NA
Tetraethyl lead	U	0.735	0.368	NA
Total PAH (16)	120,000	0.735	0.368	35.2
Total PAH (42)	131,000	0.735	0.368	33.8

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	73	50 - 120
Phenanthrene-d10	96	50 - 120
Benzo[a]pyrene-d12	86	50 - 120
Perylene-d12	107	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-3 (13')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-02		
File ID:	E122412.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/17/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.03
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
MAH & PAH COMPOUNDS:					
Benzene	150	B	0.377	0.189	
Toluene	454	B	0.377	0.189	
Ethylbenzene	846		0.377	0.189	
m/p-Xylenes	523		0.377	0.189	
Styrene	336		0.377	0.189	
o-Xylene	222		0.377	0.189	
Isopropylbenzene	17.9		0.377	0.189	
n-Propylbenzene	44.1		0.377	0.189	
1,3,5-Trimethylbenzene	121		0.377	0.189	
1,2,4-Trimethylbenzene	292		0.377	0.189	
t-Butylbenzene		U	0.377	0.189	
sec-Butylbenzene	2.97		0.377	0.189	
p-Isopropyltoluene	14.4		0.377	0.189	
n-Butylbenzene	22.3		0.377	0.189	
C1 - Benzene	289	B	0.377	0.189	
C2 - Benzene	714		0.377	0.189	
C3 - Benzene	400		0.377	0.189	
C4 - Benzene	140		0.377	0.189	
C5 - Benzene	33.1		0.377	0.189	
trans-Decalin	3.82		0.377	0.189	
cis-Decalin		U	0.377	0.189	
Naphthalene	21,600	D	0.377	0.189	
2-Methylnaphthalene	1,240		0.377	0.189	
1-Methylnaphthalene	809		0.377	0.189	
C1 - Naphthalene	1,290		0.377	0.189	
C2 - Naphthalene	326		0.377	0.189	
C3- Naphthalene	86.8		0.377	0.189	
C4- Naphthalene	24.2		0.377	0.189	
Acenaphthylene	1,260		0.377	0.189	
Acenaphthene	199		0.377	0.189	
Dibenzofuran	5.11		0.377	0.189	
Fluorene	254		0.377	0.189	
C1 - Fluorene	82.3		0.377	0.189	
C2 - Fluorene	51.6		0.377	0.189	
C3 - Fluorene	21.3		0.377	0.189	
Phenanthrene	676		0.377	0.189	
Anthracene	201		0.377	0.189	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-3 (13')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-02		
File ID:	E122412.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/17/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.03
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	309	0.377	0.189	
C2 - Phenanthrene/Anthracene	134	0.377	0.189	
C3 - Phenanthrene/Anthracene	39.0	0.377	0.189	
C4 - Phenanthrene/Anthracene	9.95	0.377	0.189	
Dibenzothiophene	26.8	0.377	0.189	
C1 - Dibenzothiophene	35.9	0.377	0.189	
C2 - Dibenzothiophene	26.0	0.377	0.189	
C3 - Dibenzothiophene	13.7	0.377	0.189	
C4 - Dibenzothiophene	4.59	0.377	0.189	
Benzo(b)naphtho(2,1-d)thiophene	13.6	0.377	0.189	
Fluoranthene	274	0.377	0.189	
Pyrene	370	0.377	0.189	
C1 - Fluoranthene/Pyrene	243	0.377	0.189	
C2 - Fluoranthene/Pyrene	71.2	0.377	0.189	
C3 - Fluoranthene/Pyrene	21.3	0.377	0.189	
Benz[a]anthracene	126	0.377	0.189	
Chrysene*	122	0.377	0.189	
C1 - Benz(a)anthracene/Chrysene	77.3	0.377	0.189	
C2 - Benz(a)anthracene/Chrysene	28.6	0.377	0.189	
C3 - Benz(a)anthracene/Chrysene	8.53	0.377	0.189	
C4 - Benz(a)anthracene/Chrysene	4.01	0.377	0.189	
Benzo[b]fluoranthene	56.2	0.377	0.189	
Benzo[j/k]fluoranthene	66.1	0.377	0.189	
Benzo(e)pyrene	61.2	0.377	0.189	
Benzo[a]pyrene	122	0.377	0.189	
Perylene	20.6	0.377	0.189	
Indeno[1,2,3-cd]pyrene	50.4	0.377	0.189	
Dibenz[a,h]anthracene	11.5	0.377	0.189	
Benzo[g,h,i]perylene	71.1	0.377	0.189	
Coronene	22.6	0.377	0.189	
Retene	U	0.377	0.189	
Benzo(b/c)fluorenes	35.6	0.377	0.189	
2-Methylpyrene	29.4	0.377	0.189	
4-Methylpyrene	29.5	0.377	0.189	
1-Methylpyrene	38.7	0.377	0.189	
Heptadecane	44.4	0.377	0.189	
Pristane	10.0	0.377	0.189	
Octadecane	32.3	0.377	0.189	
Phytane	8.4	0.377	0.189	

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-3 (13')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-02		
File ID:	E122412.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/17/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.03
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyldodecane	6.38	0.377	0.189	
2,6,10-trimethyltridecane	10.2	0.377	0.189	
Norpristane	5.61	0.377	0.189	
Tetraethyl lead	U	0.377	0.189	
Total PAH (16)	25,400	0.377	0.189	
Total PAH (42)	28,500	0.377	0.189	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	77	50 - 120
Phenanthrene-d10	93	50 - 120
Benzo[a]pyrene-d12	82	50 - 120
Perylene-d12	97	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-12 (17-19')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-03		
File ID:	E122413.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/18/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
MAH & PAH COMPOUNDS:				
Benzene	0.704 B	0.417	0.208	
Toluene	0.375 JB	0.417	0.208	
Ethylbenzene	12.7	0.417	0.208	
m/p-Xylenes	3.39	0.417	0.208	
Styrene	5.8	0.417	0.208	
o-Xylene	7.29	0.417	0.208	
Isopropylbenzene	6.13	0.417	0.208	
n-Propylbenzene	6.19	0.417	0.208	
1,3,5-Trimethylbenzene	26.8	0.417	0.208	
1,2,4-Trimethylbenzene	75.7	0.417	0.208	
t-Butylbenzene	U	0.417	0.208	
sec-Butylbenzene	0.902	0.417	0.208	
p-Isopropyltoluene	7.33	0.417	0.208	
n-Butylbenzene	8.5	0.417	0.208	
C1 - Benzene	0.255 JB	0.417	0.208	
C2 - Benzene	9.62	0.417	0.208	
C3 - Benzene	71.4	0.417	0.208	
C4 - Benzene	66.3	0.417	0.208	
C5 - Benzene	17.5	0.417	0.208	
trans-Decalin	1.57	0.417	0.208	
cis-Decalin	U	0.417	0.208	
Naphthalene	1,180	0.417	0.208	
2-Methylnaphthalene	248	0.417	0.208	
1-Methylnaphthalene	329	0.417	0.208	
C1 - Naphthalene	366	0.417	0.208	
C2 - Naphthalene	192	0.417	0.208	
C3- Naphthalene	49.3	0.417	0.208	
C4- Naphthalene	12.5	0.417	0.208	
Acenaphthylene	56.1	0.417	0.208	
Acenaphthene	279	0.417	0.208	
Dibenzofuran	5.22	0.417	0.208	
Fluorene	110	0.417	0.208	
C1 - Fluorene	38.8	0.417	0.208	
C2 - Fluorene	19.6	0.417	0.208	
C3 - Fluorene	8.76	0.417	0.208	
Phenanthrene	336	0.417	0.208	
Anthracene	97.2	0.417	0.208	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-12 (17-19')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-03		
File ID:	E122413.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/18/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	134	0.417	0.208	
C2 - Phenanthrene/Anthracene	52.0	0.417	0.208	
C3 - Phenanthrene/Anthracene	14.8	0.417	0.208	
C4 - Phenanthrene/Anthracene	0.506	0.417	0.208	
Dibenzothiophene	15.7	0.417	0.208	
C1 - Dibenzothiophene	18.1	0.417	0.208	
C2 - Dibenzothiophene	8.5	0.417	0.208	
C3 - Dibenzothiophene	4.41	0.417	0.208	
C4 - Dibenzothiophene	1.7	0.417	0.208	
Benzo(b)naphtho(2,1-d)thiophene	8.21	0.417	0.208	
Fluoranthene	182	0.417	0.208	
Pyrene	206	0.417	0.208	
C1 - Fluoranthene/Pyrene	106	0.417	0.208	
C2 - Fluoranthene/Pyrene	26.4	0.417	0.208	
C3 - Fluoranthene/Pyrene	7.58	0.417	0.208	
Benz[a]anthracene	79.7	0.417	0.208	
Chrysene*	64.8	0.417	0.208	
C1 - Benz(a)anthracene/Chrysene	31.9	0.417	0.208	
C2 - Benz(a)anthracene/Chrysene	12.3	0.417	0.208	
C3 - Benz(a)anthracene/Chrysene	4.78	0.417	0.208	
C4 - Benz(a)anthracene/Chrysene	U	0.417	0.208	
Benzo[b]fluoranthene	41.6	0.417	0.208	
Benzo[j/k]fluoranthene	46.1	0.417	0.208	
Benzo(e)pyrene	35.1	0.417	0.208	
Benzo[a]pyrene	68.1	0.417	0.208	
Perylene	12.0	0.417	0.208	
Indeno[1,2,3-cd]pyrene	28.4	0.417	0.208	
Dibenz[a,h]anthracene	7.58	0.417	0.208	
Benzo[g,h,i]perylene	31.6	0.417	0.208	
Coronene	8.38	0.417	0.208	
Retene	U	0.417	0.208	
Benzo(b/c)fluorenes	18.7	0.417	0.208	
2-Methylpyrene	13.2	0.417	0.208	
4-Methylpyrene	10.4	0.417	0.208	
1-Methylpyrene	14.0	0.417	0.208	
Heptadecane	U	0.417	0.208	
Pristane	7.47	0.417	0.208	
Octadecane	U	0.417	0.208	
Phytane	4.91	0.417	0.208	

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-12 (17-19')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081219-03		
File ID:	E122413.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	12/18/2008	Decanted:	None
Date Received:	12/19/2008		
Date Prepared:	12/23/2008	Sample Size (g):	0.02
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyldodecane	4.83	0.417	0.208	
2,6,10-trimethyltridecane	8.74	0.417	0.208	
Norpristane	4.36	0.417	0.208	
Tetraethyl lead	U	0.417	0.208	
Total PAH (16)	2,810	0.417	0.208	
Total PAH (42)	3,990	0.417	0.208	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	72	50 - 120
Phenanthrene-d10	91	50 - 120
Benzo[a]pyrene-d12	79	50 - 120
Perylene-d12	92	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-4 (13-15')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081223-01		
File ID:	E122421.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	12/21/2008	Decanted:	None
Date Received:	12/23/2008		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
MAH & PAH COMPOUNDS:					
Benzene	38.9		0.926	0.463	
Toluene	2.06		0.926	0.463	
Ethylbenzene	17.5		0.926	0.463	
m/p-Xylenes	44.0		0.926	0.463	
Styrene		U	0.926	0.463	
o-Xylene	6.7		0.926	0.463	
Isopropylbenzene		U	0.926	0.463	
n-Propylbenzene		U	0.926	0.463	
1,3,5-Trimethylbenzene	2.63		0.926	0.463	
1,2,4-Trimethylbenzene	3.6		0.926	0.463	
t-Butylbenzene		U	0.926	0.463	
sec-Butylbenzene		U	0.926	0.463	
p-Isopropyltoluene		U	0.926	0.463	
n-Butylbenzene		U	0.926	0.463	
C1 - Benzene	1.34		0.926	0.463	
C2 - Benzene	30.1		0.926	0.463	
C3 - Benzene	5.99		0.926	0.463	
C4 - Benzene		U	0.926	0.463	
C5 - Benzene		U	0.926	0.463	
trans-Decalin		U	0.926	0.463	
cis-Decalin		U	0.926	0.463	
Naphthalene	6.96		0.926	0.463	
2-Methylnaphthalene	1.81		0.926	0.463	
1-Methylnaphthalene	1.36		0.926	0.463	
C1 - Naphthalene	1.99		0.926	0.463	
C2 - Naphthalene		U	0.926	0.463	
C3- Naphthalene		U	0.926	0.463	
C4- Naphthalene		U	0.926	0.463	
Acenaphthylene	7.33	B	0.926	0.463	
Acenaphthene	1.54	B	0.926	0.463	
Dibenzofuran		U	0.926	0.463	
Fluorene		U	0.926	0.463	
C1 - Fluorene		U	0.926	0.463	
C2 - Fluorene		U	0.926	0.463	
C3 - Fluorene		U	0.926	0.463	
Phenanthrene	0.819	J	0.926	0.463	
Anthracene		U	0.926	0.463	

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-4 (13-15')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081223-01		
File ID:	E122421.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	12/21/2008	Decanted:	None
Date Received:	12/23/2008		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	U	0.926	0.463	
C2 - Phenanthrene/Anthracene	1.85	0.926	0.463	
C3 - Phenanthrene/Anthracene	2.74	0.926	0.463	
C4 - Phenanthrene/Anthracene	2.38	0.926	0.463	
Dibenzothiophene	U	0.926	0.463	
C1 - Dibenzothiophene	2.5	0.926	0.463	
C2 - Dibenzothiophene	6.83	0.926	0.463	
C3 - Dibenzothiophene	10.8	0.926	0.463	
C4 - Dibenzothiophene	8.27	0.926	0.463	
Benzo(b)naphtho(2,1-d)thiophene	1.73	0.926	0.463	
Fluoranthene	0.614 J	0.926	0.463	
Pyrene	0.749 J	0.926	0.463	
C1 - Fluoranthene/Pyrene	2.03	0.926	0.463	
C2 - Fluoranthene/Pyrene	3.72	0.926	0.463	
C3 - Fluoranthene/Pyrene	U	0.926	0.463	
Benz[a]anthracene	0.864 J	0.926	0.463	
Chrysene*	1.33	0.926	0.463	
C1 - Benz(a)anthracene/Chrysene	2.75	0.926	0.463	
C2 - Benz(a)anthracene/Chrysene	4.79	0.926	0.463	
C3 - Benz(a)anthracene/Chrysene	U	0.926	0.463	
C4 - Benz(a)anthracene/Chrysene	U	0.926	0.463	
Benzo[b]fluoranthene	0.634 J	0.926	0.463	
Benzo[j/k]fluoranthene	U	0.926	0.463	
Benzo(e)pyrene	0.987	0.926	0.463	
Benzo[a]pyrene	0.563 J	0.926	0.463	
Perylene	U	0.926	0.463	
Indeno[1,2,3-cd]pyrene	U	0.926	0.463	
Dibenz[a,h]anthracene	U	0.926	0.463	
Benzo[g,h,i]perylene	U	0.926	0.463	
Coronene	U	0.926	0.463	
Retene	U	0.926	0.463	
Benzo(b/c)fluorenes	U	0.926	0.463	
2-Methylpyrene	U	0.926	0.463	
4-Methylpyrene	U	0.926	0.463	
1-Methylpyrene	U	0.926	0.463	
Heptadecane	U	0.926	0.463	
Pristane	U	0.926	0.463	
Octadecane	U	0.926	0.463	
Phytane	U	0.926	0.463	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-4 (13-15')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081223-01		
File ID:	E122421.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	12/21/2008	Decanted:	None
Date Received:	12/23/2008		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.926	0.463	
2,6,10-trimethyltridecane	U	0.926	0.463	
Norpristane	U	0.926	0.463	
Tetraethyl lead	U	0.926	0.463	
Total PAH (16)	21.4	0.926	0.463	
Total PAH (42)	73.0	0.926	0.463	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	80	50 - 120
Phenanthrene-d10	91	50 - 120
Benzo[a]pyrene-d12	83	50 - 120
Perylene-d12	97	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Duplicate of SB-4 (13-15')**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081223-01DUP		
File ID:	E122422.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	12/21/2008	Decanted:	None
Date Received:	12/23/2008		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
MAH & PAH COMPOUNDS:				RPD
Benzene	15.0	0.694	0.347	88.7
Toluene	1.36	0.694	0.347	40.9
Ethylbenzene	6.77	0.694	0.347	88.4
m/p-Xylenes	15.7	0.694	0.347	94.8
Styrene	U	0.694	0.347	NA
o-Xylene	2.93	0.694	0.347	78.3
Isopropylbenzene	U	0.694	0.347	NA
n-Propylbenzene	U	0.694	0.347	NA
1,3,5-Trimethylbenzene	0.786	0.694	0.347	108
1,2,4-Trimethylbenzene	1.48	0.694	0.347	83.5
t-Butylbenzene	U	0.694	0.347	NA
sec-Butylbenzene	U	0.694	0.347	NA
p-Isopropyltoluene	U	0.694	0.347	NA
n-Butylbenzene	U	0.694	0.347	NA
C1 - Benzene	0.735	0.694	0.347	58.3
C2 - Benzene	11.6	0.694	0.347	88.7
C3 - Benzene	2.26	0.694	0.347	90.4
C4 - Benzene	U	0.694	0.347	NA
C5 - Benzene	U	0.694	0.347	NA
trans-Decalin	U	0.694	0.347	NA
cis-Decalin	U	0.694	0.347	NA
Naphthalene	5.1	0.694	0.347	30.8
2-Methylnaphthalene	0.929	0.694	0.347	64.3
1-Methylnaphthalene	1.12	0.694	0.347	19.4
C1 - Naphthalene	1.52	0.694	0.347	26.8
C2 - Naphthalene	U	0.694	0.347	NA
C3- Naphthalene	U	0.694	0.347	NA
C4- Naphthalene	U	0.694	0.347	NA
Acenaphthylene	4.69 B	0.694	0.347	43.9
Acenaphthene	1.01 B	0.694	0.347	41.6
Dibenzofuran	U	0.694	0.347	NA
Fluorene	U	0.694	0.347	NA
C1 - Fluorene	U	0.694	0.347	NA
C2 - Fluorene	U	0.694	0.347	NA
C3 - Fluorene	U	0.694	0.347	NA
Phenanthrene	0.774	0.694	0.347	5.6
Anthracene	U	0.694	0.347	NA

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of SB-4 (13-15')

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081223-01DUP		
File ID:	E122422.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	12/21/2008	Decanted:	None
Date Received:	12/23/2008		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	U	0.694	0.347	NA
C2 - Phenanthrene/Anthracene	0.825	0.694	0.347	76.6
C3 - Phenanthrene/Anthracene	1.38	0.694	0.347	66
C4 - Phenanthrene/Anthracene	0.989	0.694	0.347	82.6
Dibenzothiophene	U	0.694	0.347	NA
C1 - Dibenzothiophene	1.37	0.694	0.347	58.4
C2 - Dibenzothiophene	3.43	0.694	0.347	66.3
C3 - Dibenzothiophene	4.89	0.694	0.347	75.3
C4 - Dibenzothiophene	4.25	0.694	0.347	64.2
Benzo(b)naphtho(2,1-d)thiophene	0.858	0.694	0.347	67.4
Fluoranthene	0.451 J	0.694	0.347	30.6
Pyrene	0.626 J	0.694	0.347	17.9
C1 - Fluoranthene/Pyrene	1.12	0.694	0.347	57.8
C2 - Fluoranthene/Pyrene	1.7	0.694	0.347	74.5
C3 - Fluoranthene/Pyrene	U	0.694	0.347	NA
Benz[a]anthracene	0.530 J	0.694	0.347	47.9
Chrysene*	0.720	0.694	0.347	59.5
C1 - Benz(a)anthracene/Chrysene	1.29	0.694	0.347	72.3
C2 - Benz(a)anthracene/Chrysene	2.63	0.694	0.347	58.2
C3 - Benz(a)anthracene/Chrysene	U	0.694	0.347	NA
C4 - Benz(a)anthracene/Chrysene	U	0.694	0.347	NA
Benzo[b]fluoranthene	U	0.694	0.347	NA
Benzo[j/k]fluoranthene	U	0.694	0.347	NA
Benzo(e)pyrene	0.450 J	0.694	0.347	74.7
Benzo[a]pyrene	U	0.694	0.347	NA
Perylene	U	0.694	0.347	NA
Indeno[1,2,3-cd]pyrene	U	0.694	0.347	NA
Dibenz[a,h]anthracene	U	0.694	0.347	NA
Benzo[g,h,i]perylene	U	0.694	0.347	NA
Coronene	U	0.694	0.347	NA
Retene	U	0.694	0.347	NA
Benzo(b/c)fluorenes	U	0.694	0.347	NA
2-Methylpyrene	U	0.694	0.347	NA
4-Methylpyrene	U	0.694	0.347	NA
1-Methylpyrene	U	0.694	0.347	NA
Heptadecane	U	0.694	0.347	NA
Pristane	U	0.694	0.347	NA
Octadecane	U	0.694	0.347	NA
Phytane	U	0.694	0.347	NA

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Duplicate of SB-4 (13-15')**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA081223-01DUP		
File ID:	E122422.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	12/21/2008	Decanted:	None
Date Received:	12/23/2008		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.694	0.347	NA
2,6,10-trimethyltridecane	U	0.694	0.347	NA
Norpristane	U	0.694	0.347	NA
Tetraethyl lead	U	0.694	0.347	NA
Total PAH (16)	13.9	0.694	0.347	42.5
Total PAH (42)	39.7	0.694	0.347	59.1

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	79	50 - 120
Phenanthrene-d10	87	50 - 120
Benzo[a]pyrene-d12	80	50 - 120
Perylene-d12	94	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-5 (21-23')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090106-01		
File ID:	E011406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	1/4/2009	Decanted:	None
Date Received:	1/6/2009		
Date Prepared:	1/7/2009	Sample Size (g):	4.02
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
MAH & PAH COMPOUNDS:				
Benzene	0.163 B	0.002	0.001	
Toluene	0.038 B	0.002	0.001	
Ethylbenzene	0.049	0.002	0.001	
m/p-Xylenes	0.073	0.002	0.001	
Styrene	0.033	0.002	0.001	
o-Xylene	0.029	0.002	0.001	
Isopropylbenzene	0.008	0.002	0.001	
n-Propylbenzene	0.007	0.002	0.001	
1,3,5-Trimethylbenzene	0.027	0.002	0.001	
1,2,4-Trimethylbenzene	0.071	0.002	0.001	
t-Butylbenzene	U	0.002	0.001	
sec-Butylbenzene	0.006	0.002	0.001	
p-Isopropyltoluene	0.016	0.002	0.001	
n-Butylbenzene	0.017	0.002	0.001	
C1 - Benzene	0.023 B	0.002	0.001	
C2 - Benzene	0.066	0.002	0.001	
C3 - Benzene	0.086	0.002	0.001	
C4 - Benzene	0.204	0.002	0.001	
C5 - Benzene	0.217	0.002	0.001	
trans-Decalin	0.042	0.002	0.001	
cis-Decalin	0.008	0.002	0.001	
Naphthalene	1.24 B	0.002	0.001	
2-Methylnaphthalene	0.356 B	0.002	0.001	
1-Methylnaphthalene	0.595 B	0.002	0.001	
C1 - Naphthalene	0.600 B	0.002	0.001	
C2 - Naphthalene	0.511 B	0.002	0.001	
C3- Naphthalene	0.233 B	0.002	0.001	
C4- Naphthalene	0.098	0.002	0.001	
Acenaphthylene	0.162 B	0.002	0.001	
Acenaphthene	0.446 B	0.002	0.001	
Dibenzofuran	0.293 B	0.002	0.001	
Fluorene	0.405 B	0.002	0.001	
C1 - Fluorene	0.119	0.002	0.001	
C2 - Fluorene	0.159	0.002	0.001	
C3 - Fluorene	0.087	0.002	0.001	
Phenanthrene	1.21 B	0.002	0.001	
Anthracene	0.389 B	0.002	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-5 (21-23')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090106-01		
File ID:	E011406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	1/4/2009	Decanted:	None
Date Received:	1/6/2009		
Date Prepared:	1/7/2009	Sample Size (g):	4.02
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	0.512 B	0.002	0.001	
C2 - Phenanthrene/Anthracene	0.397 B	0.002	0.001	
C3 - Phenanthrene/Anthracene	0.227	0.002	0.001	
C4 - Phenanthrene/Anthracene	0.093	0.002	0.001	
Dibenzothiophene	0.106 B	0.002	0.001	
C1 - Dibenzothiophene	0.167	0.002	0.001	
C2 - Dibenzothiophene	0.217	0.002	0.001	
C3 - Dibenzothiophene	0.238	0.002	0.001	
C4 - Dibenzothiophene	0.162	0.002	0.001	
Benzo(b)naphtho(2,1-d)thiophene	0.070 B	0.002	0.001	
Fluoranthene	1.01 B	0.002	0.001	
Pyrene	0.924 B	0.002	0.001	
C1 - Fluoranthene/Pyrene	0.575 B	0.002	0.001	
C2 - Fluoranthene/Pyrene	0.304	0.002	0.001	
C3 - Fluoranthene/Pyrene	0.209	0.002	0.001	
Benz[a]anthracene	0.329 B	0.002	0.001	
Chrysene*	0.365 B	0.002	0.001	
C1 - Benz(a)anthracene/Chrysene	0.285	0.002	0.001	
C2 - Benz(a)anthracene/Chrysene	0.218	0.002	0.001	
C3 - Benz(a)anthracene/Chrysene	0.166	0.002	0.001	
C4 - Benz(a)anthracene/Chrysene	0.112	0.002	0.001	
Benzo[b]fluoranthene	0.211	0.002	0.001	
Benzo[j/k]fluoranthene	U	0.002	0.001	
Benzo(e)pyrene	0.214	0.002	0.001	
Benzo[a]pyrene	0.268 B	0.002	0.001	
Perylene	0.069	0.002	0.001	
Indeno[1,2,3-cd]pyrene	0.140 B	0.002	0.001	
Dibenz[a,h]anthracene	0.036	0.002	0.001	
Benzo[g,h,i]perylene	0.222 B	0.002	0.001	
Coronene	0.039	0.002	0.001	
Retene	0.052	0.002	0.001	
Benzo(b/c)fluorenes	0.097 B	0.002	0.001	
2-Methylpyrene	0.082 B	0.002	0.001	
4-Methylpyrene	0.086	0.002	0.001	
1-Methylpyrene	0.067	0.002	0.001	
Heptadecane	0.120 B	0.002	0.001	
Pristane	0.113	0.002	0.001	
Octadecane	0.073 B	0.002	0.001	
Phytane	0.061	0.002	0.001	

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-5 (21-23')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090106-01		
File ID:	E011406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	1/4/2009	Decanted:	None
Date Received:	1/6/2009		
Date Prepared:	1/7/2009	Sample Size (g):	4.02
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.002	0.001	
2,6,10-trimethyltridecane	U	0.002	0.001	
Norpristane	U	0.002	0.001	
Tetraethyl lead	U	0.002	0.001	
Total PAH (16)	7.36	0.002	0.001	
Total PAH (42)	13.7	0.002	0.001	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	71	50 - 120
Phenanthrene-d10	89	50 - 120
Benzo[a]pyrene-d12	81	50 - 120
Perylene-d12	96	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Dup of SB-5 (21-23')**

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090106-01DUP		
File ID:	E011406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	1/4/2009	Decanted:	None
Date Received:	1/6/2009		
Date Prepared:	1/7/2009	Sample Size (g):	4.19
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
MAH & PAH COMPOUNDS:				RPD
Benzene	0.132 B	0.002	0.001	21
Toluene	0.027 B	0.002	0.001	33.8
Ethylbenzene	0.033	0.002	0.001	39
m/p-Xylenes	0.046	0.002	0.001	45.4
Styrene	0.028	0.002	0.001	16.4
o-Xylene	0.019	0.002	0.001	41.7
Isopropylbenzene	0.005	0.002	0.001	46.2
n-Propylbenzene	0.006	0.002	0.001	15.4
1,3,5-Trimethylbenzene	0.015	0.002	0.001	57.1
1,2,4-Trimethylbenzene	0.039	0.002	0.001	58.2
t-Butylbenzene	U	0.002	0.001	NA
sec-Butylbenzene	0.002	0.002	0.001	100
p-Isopropyltoluene	0.009	0.002	0.001	56
n-Butylbenzene	0.008	0.002	0.001	72
C1 - Benzene	0.016 B	0.002	0.001	35.9
C2 - Benzene	0.045	0.002	0.001	37.8
C3 - Benzene	0.050	0.002	0.001	52.9
C4 - Benzene	0.067	0.002	0.001	101.1
C5 - Benzene	0.057	0.002	0.001	116.8
trans-Decalin	0.016	0.002	0.001	89.7
cis-Decalin	U	0.002	0.001	NA
Naphthalene	0.694 B	0.002	0.001	56.5
2-Methylnaphthalene	0.200 B	0.002	0.001	56.1
1-Methylnaphthalene	0.309 B	0.002	0.001	63.3
C1 - Naphthalene	0.322 B	0.002	0.001	60.3
C2 - Naphthalene	0.268 B	0.002	0.001	62.4
C3- Naphthalene	0.125 B	0.002	0.001	60.3
C4- Naphthalene	0.062	0.002	0.001	45
Acenaphthylene	0.134 B	0.002	0.001	18.9
Acenaphthene	0.270 B	0.002	0.001	49.2
Dibenzofuran	0.200 B	0.002	0.001	37.7
Fluorene	0.259 B	0.002	0.001	44
C1 - Fluorene	0.081	0.002	0.001	38
C2 - Fluorene	0.136	0.002	0.001	15.6
C3 - Fluorene	0.068	0.002	0.001	24.5
Phenanthrene	0.769 B	0.002	0.001	44.6
Anthracene	0.265 B	0.002	0.001	37.9

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Dup of SB-5 (21-23')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090106-01DUP		
File ID:	E011406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	1/4/2009	Decanted:	None
Date Received:	1/6/2009		
Date Prepared:	1/7/2009	Sample Size (g):	4.19
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	0.347 B	0.002	0.001	38.4
C2 - Phenanthrene/Anthracene	0.273 B	0.002	0.001	37
C3 - Phenanthrene/Anthracene	0.155	0.002	0.001	37.7
C4 - Phenanthrene/Anthracene	0.057	0.002	0.001	48
Dibenzothiophene	0.068 B	0.002	0.001	43.7
C1 - Dibenzothiophene	0.126	0.002	0.001	28
C2 - Dibenzothiophene	0.153	0.002	0.001	34.6
C3 - Dibenzothiophene	0.149	0.002	0.001	46
C4 - Dibenzothiophene	0.089	0.002	0.001	58.2
Benzo(b)naphtho(2,1-d)thiophene	0.055 B	0.002	0.001	24
Fluoranthene	0.672 B	0.002	0.001	40.2
Pyrene	0.616 B	0.002	0.001	40
C1 - Fluoranthene/Pyrene	0.418 B	0.002	0.001	31.6
C2 - Fluoranthene/Pyrene	0.240	0.002	0.001	23.5
C3 - Fluoranthene/Pyrene	0.148	0.002	0.001	34.2
Benz[a]anthracene	0.283 B	0.002	0.001	15
Chrysene*	0.302 B	0.002	0.001	18.9
C1 - Benz(a)anthracene/Chrysene	0.225	0.002	0.001	23.5
C2 - Benz(a)anthracene/Chrysene	0.159	0.002	0.001	31.3
C3 - Benz(a)anthracene/Chrysene	0.107	0.002	0.001	43.2
C4 - Benz(a)anthracene/Chrysene	0.081	0.002	0.001	32.1
Benzo[b]fluoranthene	0.213	0.002	0.001	0.9
Benzo[j/k]fluoranthene	U	0.002	0.001	NA
Benzo(e)pyrene	0.200	0.002	0.001	6.8
Benzo[a]pyrene	0.280 B	0.002	0.001	4.4
Perylene	0.075	0.002	0.001	8.3
Indeno[1,2,3-cd]pyrene	0.154 B	0.002	0.001	9.5
Dibenz[a,h]anthracene	0.037	0.002	0.001	2.7
Benzo[g,h,i]perylene	0.208 B	0.002	0.001	6.5
Coronene	0.039	0.002	0.001	0
Retene	0.042	0.002	0.001	21.3
Benzo(b/c)fluorenes	0.071 B	0.002	0.001	31
2-Methylpyrene	0.063 B	0.002	0.001	26.2
4-Methylpyrene	0.062	0.002	0.001	32.4
1-Methylpyrene	0.049	0.002	0.001	31
Heptadecane	0.037 B	0.002	0.001	105.7
Pristane	0.057	0.002	0.001	65.9
Octadecane	0.035 B	0.002	0.001	70.4
Phytane	0.039	0.002	0.001	44

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Dup of SB-5 (21-23')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090106-01DUP		
File ID:	E011406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	1/4/2009	Decanted:	None
Date Received:	1/6/2009		
Date Prepared:	1/7/2009	Sample Size (g):	4.19
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	0.082	0.002	0.001	NA
2,6,10-trimethyltridecane	0.081	0.002	0.001	NA
Norpristane	0.038	0.002	0.001	NA
Tetraethyl lead	U	0.002	0.001	NA
Total PAH (16)	5.16	0.002	0.001	35.1
Total PAH (42)	9.49	0.002	0.001	36.3

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	74	50 - 120
Phenanthrene-d10	92	50 - 120
Benzo[a]pyrene-d12	83	50 - 120
Perylene-d12	97	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081223-MB		
File ID:	E122406.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/23/2008	Sample Size (g):	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/24/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
MAH & PAH COMPOUNDS:				
Benzene	1.08	1.0	0.500	
Toluene	0.698 J	1.0	0.500	
Ethylbenzene	U	1.0	0.500	
m/p-Xylenes	U	1.0	0.500	
Styrene	U	1.0	0.500	
o-Xylene	U	1.0	0.500	
Isopropylbenzene	U	1.0	0.500	
n-Propylbenzene	U	1.0	0.500	
1,3,5-Trimethylbenzene	U	1.0	0.500	
1,2,4-Trimethylbenzene	U	1.0	0.500	
t-Butylbenzene	U	1.0	0.500	
sec-Butylbenzene	U	1.0	0.500	
p-Isopropyltoluene	U	1.0	0.500	
n-Butylbenzene	U	1.0	0.500	
C1 - Benzene	U	1.0	0.500	
C2 - Benzene	U	1.0	0.500	
C3 - Benzene	U	1.0	0.500	
C4 - Benzene	U	1.0	0.500	
C5 - Benzene	U	1.0	0.500	
trans-Decalin	U	1.0	0.500	
cis-Decalin	U	1.0	0.500	
Naphthalene	U	1.0	0.500	
2-Methylnaphthalene	U	1.0	0.500	
1-Methylnaphthalene	U	1.0	0.500	
C1 - Naphthalene	U	1.0	0.500	
C2 - Naphthalene	U	1.0	0.500	
C3- Naphthalene	U	1.0	0.500	
C4- Naphthalene	U	1.0	0.500	
Acenaphthylene	U	1.0	0.500	
Acenaphthene	U	1.0	0.500	
Dibenzofuran	U	1.0	0.500	
Fluorene	U	1.0	0.500	
C1 - Fluorene	U	1.0	0.500	
C2 - Fluorene	U	1.0	0.500	
C3 - Fluorene	U	1.0	0.500	
Phenanthrene	U	1.0	0.500	
Anthracene	U	1.0	0.500	

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Method Blank**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081223-MB		
File ID:	E122406.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/23/2008	Sample Size (g):	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/24/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	U	1.0	0.500	
C2 - Phenanthrene/Anthracene	U	1.0	0.500	
C3 - Phenanthrene/Anthracene	U	1.0	0.500	
C4 - Phenanthrene/Anthracene	U	1.0	0.500	
Dibenzothiophene	U	1.0	0.500	
C1 - Dibenzothiophene	U	1.0	0.500	
C2 - Dibenzothiophene	U	1.0	0.500	
C3 - Dibenzothiophene	U	1.0	0.500	
C4 - Dibenzothiophene	U	1.0	0.500	
Benzo(b)naphtho(2,1-d)thiophene	U	1.0	0.500	
Fluoranthene	U	1.0	0.500	
Pyrene	U	1.0	0.500	
C1 - Fluoranthene/Pyrene	U	1.0	0.500	
C2 - Fluoranthene/Pyrene	U	1.0	0.500	
C3 - Fluoranthene/Pyrene	U	1.0	0.500	
Benz[a]anthracene	U	1.0	0.500	
Chrysene*	U	1.0	0.500	
C1 - Benz(a)anthracene/Chrysene	U	1.0	0.500	
C2 - Benz(a)anthracene/Chrysene	U	1.0	0.500	
C3 - Benz(a)anthracene/Chrysene	U	1.0	0.500	
C4 - Benz(a)anthracene/Chrysene	U	1.0	0.500	
Benzo[b]fluoranthene	U	1.0	0.500	
Benzo[j/k]fluoranthene	U	1.0	0.500	
Benzo(e)pyrene	U	1.0	0.500	
Benzo[a]pyrene	U	1.0	0.500	
Perylene	U	1.0	0.500	
Indeno[1,2,3-cd]pyrene	U	1.0	0.500	
Dibenz[a,h]anthracene	U	1.0	0.500	
Benzo[g,h,i]perylene	U	1.0	0.500	
Coronene	U	1.0	0.500	
Retene	U	1.0	0.500	
Benzo(b/c)fluorenes	U	1.0	0.500	
2-Methylpyrene	U	1.0	0.500	
4-Methylpyrene	U	1.0	0.500	
1-Methylpyrene	U	1.0	0.500	
Heptadecane	U	1.0	0.500	
Pristane	U	1.0	0.500	
Octadecane	U	1.0	0.500	
Phytane	U	1.0	0.500	
2,6,10-trimethyldodecane	U	1.0	0.500	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Method Blank**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081223-MB		
File ID:	E122406.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/23/2008	Sample Size (g):	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/24/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyltridecane	U	1.0	0.500	
Norpristane	U	1.0	0.500	
Tetraethyl lead	U	1.0	0.500	
Total PAH (16)	U	1.0	0.500	
Total PAH (42)	U	1.0	0.500	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	88	50 - 120
Phenanthrene-d10	101	50 - 120
Benzo[a]pyrene-d12	84	50 - 120
Perylene-d12	100	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Method Blank**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081224-MB		
File ID:	E122416.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
MAH & PAH COMPOUNDS:				
Benzene	U	1.0	0.500	
Toluene	U	1.0	0.500	
Ethylbenzene	U	1.0	0.500	
m/p-Xylenes	U	1.0	0.500	
Styrene	U	1.0	0.500	
o-Xylene	U	1.0	0.500	
Isopropylbenzene	U	1.0	0.500	
n-Propylbenzene	U	1.0	0.500	
1,3,5-Trimethylbenzene	U	1.0	0.500	
1,2,4-Trimethylbenzene	U	1.0	0.500	
t-Butylbenzene	U	1.0	0.500	
sec-Butylbenzene	U	1.0	0.500	
p-Isopropyltoluene	U	1.0	0.500	
n-Butylbenzene	U	1.0	0.500	
C1 - Benzene	U	1.0	0.500	
C2 - Benzene	U	1.0	0.500	
C3 - Benzene	U	1.0	0.500	
C4 - Benzene	U	1.0	0.500	
C5 - Benzene	U	1.0	0.500	
trans-Decalin	U	1.0	0.500	
cis-Decalin	U	1.0	0.500	
Naphthalene	U	1.0	0.500	
2-Methylnaphthalene	U	1.0	0.500	
1-Methylnaphthalene	U	1.0	0.500	
C1 - Naphthalene	U	1.0	0.500	
C2 - Naphthalene	U	1.0	0.500	
C3- Naphthalene	U	1.0	0.500	
C4- Naphthalene	U	1.0	0.500	
Acenaphthylene	20.1	1.0	0.500	
Acenaphthene	3.38	1.0	0.500	
Dibenzofuran	U	1.0	0.500	
Fluorene	U	1.0	0.500	
C1 - Fluorene	U	1.0	0.500	
C2 - Fluorene	U	1.0	0.500	
C3 - Fluorene	U	1.0	0.500	
Phenanthrene	U	1.0	0.500	
Anthracene	U	1.0	0.500	

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Method Blank**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081224-MB		
File ID:	E122416.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	U	1.0	0.500	
C2 - Phenanthrene/Anthracene	U	1.0	0.500	
C3 - Phenanthrene/Anthracene	U	1.0	0.500	
C4 - Phenanthrene/Anthracene	U	1.0	0.500	
Dibenzothiophene	U	1.0	0.500	
C1 - Dibenzothiophene	U	1.0	0.500	
C2 - Dibenzothiophene	U	1.0	0.500	
C3 - Dibenzothiophene	U	1.0	0.500	
C4 - Dibenzothiophene	U	1.0	0.500	
Benzo(b)naphtho(2,1-d)thiophene	U	1.0	0.500	
Fluoranthene	U	1.0	0.500	
Pyrene	U	1.0	0.500	
C1 - Fluoranthene/Pyrene	U	1.0	0.500	
C2 - Fluoranthene/Pyrene	U	1.0	0.500	
C3 - Fluoranthene/Pyrene	U	1.0	0.500	
Benz[a]anthracene	U	1.0	0.500	
Chrysene*	U	1.0	0.500	
C1 - Benz(a)anthracene/Chrysene	U	1.0	0.500	
C2 - Benz(a)anthracene/Chrysene	U	1.0	0.500	
C3 - Benz(a)anthracene/Chrysene	U	1.0	0.500	
C4 - Benz(a)anthracene/Chrysene	U	1.0	0.500	
Benzo[b]fluoranthene	U	1.0	0.500	
Benzo[j/k]fluoranthene	U	1.0	0.500	
Benzo(e)pyrene	U	1.0	0.500	
Benzo[a]pyrene	U	1.0	0.500	
Perylene	U	1.0	0.500	
Indeno[1,2,3-cd]pyrene	U	1.0	0.500	
Dibenz[a,h]anthracene	U	1.0	0.500	
Benzo[g,h,i]perylene	U	1.0	0.500	
Coronene	U	1.0	0.500	
Retene	U	1.0	0.500	
Benzo(b/c)fluorenes	U	1.0	0.500	
2-Methylpyrene	U	1.0	0.500	
4-Methylpyrene	U	1.0	0.500	
1-Methylpyrene	U	1.0	0.500	
Heptadecane	U	1.0	0.500	
Pristane	U	1.0	0.500	
Octadecane	U	1.0	0.500	
Phytane	U	1.0	0.500	
2,6,10-trimethyldodecane	U	1.0	0.500	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Method Blank**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081224-MB		
File ID:	E122416.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyltridecane	U	1.0	0.500	
Norpristane	U	1.0	0.500	
Tetraethyl lead	U	1.0	0.500	
Total PAH (16)	23.5	1.0	0.500	
Total PAH (42)	23.5	1.0	0.500	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	86	50 - 120
Phenanthrene-d10	97	50 - 120
Benzo[a]pyrene-d12	82	50 - 120
Perylene-d12	100	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090107-SB		
File ID:	E011406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	1/7/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
MAH & PAH COMPOUNDS:					
Benzene	0.010		0.003	0.001	
Toluene	0.005		0.003	0.001	
Ethylbenzene		U	0.003	0.001	
m/p-Xylenes		U	0.003	0.001	
Styrene		U	0.003	0.001	
o-Xylene		U	0.003	0.001	
Isopropylbenzene		U	0.003	0.001	
n-Propylbenzene		U	0.003	0.001	
1,3,5-Trimethylbenzene		U	0.003	0.001	
1,2,4-Trimethylbenzene		U	0.003	0.001	
t-Butylbenzene		U	0.003	0.001	
sec-Butylbenzene		U	0.003	0.001	
p-Isopropyltoluene		U	0.003	0.001	
n-Butylbenzene		U	0.003	0.001	
C1 - Benzene	0.003	J	0.003	0.001	
C2 - Benzene		U	0.003	0.001	
C3 - Benzene		U	0.003	0.001	
C4 - Benzene		U	0.003	0.001	
C5 - Benzene		U	0.003	0.001	
trans-Decalin		U	0.003	0.001	
cis-Decalin		U	0.003	0.001	
Naphthalene	0.035		0.003	0.001	
2-Methylnaphthalene	0.014		0.003	0.001	
1-Methylnaphthalene	0.006		0.003	0.001	
C1 - Naphthalene	0.014		0.003	0.001	
C2 - Naphthalene	0.012		0.003	0.001	
C3- Naphthalene	0.007		0.003	0.001	
C4- Naphthalene		U	0.003	0.001	
Acenaphthylene	0.005		0.003	0.001	
Acenaphthene	0.008		0.003	0.001	
Dibenzofuran	0.010		0.003	0.001	
Fluorene	0.010		0.003	0.001	
C1 - Fluorene		U	0.003	0.001	
C2 - Fluorene		U	0.003	0.001	
C3 - Fluorene		U	0.003	0.001	
Phenanthrene	0.046		0.003	0.001	
Anthracene	0.014		0.003	0.001	

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090107-SB		
File ID:	E011406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	1/7/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	0.010	0.003	0.001	
C2 - Phenanthrene/Anthracene	0.004	0.003	0.001	
C3 - Phenanthrene/Anthracene	U	0.003	0.001	
C4 - Phenanthrene/Anthracene	U	0.003	0.001	
Dibenzothiophene	0.003 J	0.003	0.001	
C1 - Dibenzothiophene	U	0.003	0.001	
C2 - Dibenzothiophene	U	0.003	0.001	
C3 - Dibenzothiophene	U	0.003	0.001	
C4 - Dibenzothiophene	U	0.003	0.001	
Benzo(b)naphtho(2,1-d)thiophene	0.001 J	0.003	0.001	
Fluoranthene	0.034	0.003	0.001	
Pyrene	0.026	0.003	0.001	
C1 - Fluoranthene/Pyrene	0.010	0.003	0.001	
C2 - Fluoranthene/Pyrene	U	0.003	0.001	
C3 - Fluoranthene/Pyrene	U	0.003	0.001	
Benz[a]anthracene	0.011	0.003	0.001	
Chrysene*	0.011	0.003	0.001	
C1 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C2 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C3 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C4 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
Benzo[b]fluoranthene	U	0.003	0.001	
Benzo[j/k]fluoranthene	U	0.003	0.001	
Benzo(e)pyrene	U	0.003	0.001	
Benzo[a]pyrene	0.006	0.003	0.001	
Perylene	U	0.003	0.001	
Indeno[1,2,3-cd]pyrene	0.003 J	0.003	0.001	
Dibenz[a,h]anthracene	U	0.003	0.001	
Benzo[g,h,i]perylene	0.002 J	0.003	0.001	
Coronene	U	0.003	0.001	
Retene	U	0.003	0.001	
Benzo(b/c)fluorenes	0.002 J	0.003	0.001	
2-Methylpyrene	0.001 J	0.003	0.001	
4-Methylpyrene	U	0.003	0.001	
1-Methylpyrene	U	0.003	0.001	
Heptadecane	0.008	0.003	0.001	
Pristane	U	0.003	0.001	
Octadecane	0.006	0.003	0.001	
Phytane	U	0.003	0.001	
2,6,10-trimethyldodecane	U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090107-SB		
File ID:	E011406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	1/7/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
2,6,10-trimethyltridecane		U	0.003	0.001	
Norpristane		U	0.003	0.001	
Tetraethyl lead		U	0.003	0.001	
Total PAH (16)	0.211		0.003	0.001	
Total PAH (42)	0.281		0.003	0.001	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	85	50 - 120
Phenanthrene-d10	91	50 - 120
Benzo[a]pyrene-d12	83	50 - 120
Perylene-d12	104	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank Spike

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081223-MBS		
File ID:	E122407.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/23/2008	Sample Size (g):	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/24/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)			RL	EDL	Comments
MAH & PAH COMPOUNDS:	Spike Amount					% Recovery
Benzene	1000.00	813	B	1.0	0.500	81
Toluene	1000.00	825	B	1.0	0.500	83
Ethylbenzene	1000.00	844		1.0	0.500	84
m/p-Xylenes	1000.00	867		1.0	0.500	87
Styrene	1000.00	920		1.0	0.500	92
o-Xylene	1000.00	813		1.0	0.500	81
Isopropylbenzene	1000.00	904		1.0	0.500	90
n-Propylbenzene	1000.00	911		1.0	0.500	91
1,3,5-Trimethylbenzene	1000.00	903		1.0	0.500	90
1,2,4-Trimethylbenzene	1000.00	875		1.0	0.500	88
t-Butylbenzene			U	1.0	0.500	
sec-Butylbenzene	1000.00	874		1.0	0.500	87
p-Isopropyltoluene	1000.00	939		1.0	0.500	94
n-Butylbenzene	1000.00	896		1.0	0.500	90
C1 - Benzene			U	1.0	0.500	
C2 - Benzene			U	1.0	0.500	
C3 - Benzene			U	1.0	0.500	
C4 - Benzene			U	1.0	0.500	
C5 - Benzene			U	1.0	0.500	
trans-Decalin			U	1.0	0.500	
cis-Decalin			U	1.0	0.500	
Naphthalene	1000.00	903		1.0	0.500	90
2-Methylnaphthalene	1000.00	954		1.0	0.500	95
1-Methylnaphthalene	1000.00	894		1.0	0.500	89
C1 - Naphthalene			U	1.0	0.500	
C2 - Naphthalene			U	1.0	0.500	
C3- Naphthalene			U	1.0	0.500	
C4- Naphthalene			U	1.0	0.500	
Acenaphthylene	1000.00	936		1.0	0.500	94
Acenaphthene	1000.00	902		1.0	0.500	90
Dibenzofuran	1000.00	984		1.0	0.500	98
Fluorene	1000.00	944		1.0	0.500	94
C1 - Fluorene			U	1.0	0.500	
C2 - Fluorene			U	1.0	0.500	
C3 - Fluorene			U	1.0	0.500	
Phenanthrene	1000.00	927		1.0	0.500	93
Anthracene	1000.00	936		1.0	0.500	94

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Method Blank Spike**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081223-MBS		
File ID:	E122407.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/23/2008	Sample Size (g):	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/24/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte		Concentration (mg/kg)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene			U	1.0	0.500	
C2 - Phenanthrene/Anthracene			U	1.0	0.500	
C3 - Phenanthrene/Anthracene			U	1.0	0.500	
C4 - Phenanthrene/Anthracene			U	1.0	0.500	
Dibenzothiophene	1000.00		U	1.0	0.500	
C1 - Dibenzothiophene			U	1.0	0.500	
C2 - Dibenzothiophene			U	1.0	0.500	
C3 - Dibenzothiophene			U	1.0	0.500	
C4 - Dibenzothiophene			U	1.0	0.500	
Benzo(b)naphtho(2,1-d)thiophene			U	1.0	0.500	
Fluoranthene	1000.00	969		1.0	0.500	97
Pyrene	1000.00	943		1.0	0.500	94
C1 - Fluoranthene/Pyrene			U	1.0	0.500	
C2 - Fluoranthene/Pyrene			U	1.0	0.500	
C3 - Fluoranthene/Pyrene			U	1.0	0.500	
Benz[a]anthracene	1000.00	962		1.0	0.500	96
Chrysene*	1000.00	922		1.0	0.500	92
C1 - Benz(a)anthracene/Chrysene			U	1.0	0.500	
C2 - Benz(a)anthracene/Chrysene			U	1.0	0.500	
C3 - Benz(a)anthracene/Chrysene			U	1.0	0.500	
C4 - Benz(a)anthracene/Chrysene			U	1.0	0.500	
Benzo[b]fluoranthene	1000.00	955		1.0	0.500	96
Benzo[j/k]fluoranthene	1000.00	970		1.0	0.500	97
Benzo(e)pyrene	1000.00		U	1.0	0.500	
Benzo[a]pyrene	1000.00	932		1.0	0.500	93
Perylene			U	1.0	0.500	
Indeno[1,2,3-cd]pyrene	1000.00	977		1.0	0.500	98
Dibenz[a,h]anthracene	1000.00	933		1.0	0.500	93
Benzo[g,h,i]perylene	1000.00	909		1.0	0.500	91
Coronene			U	1.0	0.500	
Retene			U	1.0	0.500	
Benzo(b/c)fluorenes			U	1.0	0.500	
2-Methylpyrene			U	1.0	0.500	
4-Methylpyrene			U	1.0	0.500	
1-Methylpyrene			U	1.0	0.500	
Heptadecane			U	1.0	0.500	
Pristane			U	1.0	0.500	
Octadecane			U	1.0	0.500	
Phytane			U	1.0	0.500	
2,6,10-trimethyldodecane			U	1.0	0.500	

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank Spike

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081223-MBS		
File ID:	E122407.D	Matrix:	NAPL
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/23/2008	Sample Size (g):	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/24/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081223-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyltridecane	U	1.0	0.500	
Norpristane	U	1.0	0.500	
Tetraethyl lead	U	1.0	0.500	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	75	50 - 120
Phenanthrene-d10	90	50 - 120
Benzo[a]pyrene-d12	73	50 - 120
Perylene-d12	85	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank Spike

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081224-MBS		
File ID:	E122417.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)		RL	EDL	Comments
MAH & PAH COMPOUNDS:	Spike Amount				% Recovery
Benzene	1000.00	851	1.0	0.500	85
Toluene	1000.00	857	1.0	0.500	86
Ethylbenzene	1000.00	876	1.0	0.500	88
m/p-Xylenes	1000.00	902	1.0	0.500	90
Styrene	1000.00	955	1.0	0.500	96
o-Xylene	1000.00	846	1.0	0.500	85
Isopropylbenzene	1000.00	935	1.0	0.500	94
n-Propylbenzene	1000.00	947	1.0	0.500	95
1,3,5-Trimethylbenzene	1000.00	936	1.0	0.500	94
1,2,4-Trimethylbenzene	1000.00	911	1.0	0.500	91
t-Butylbenzene		U	1.0	0.500	
sec-Butylbenzene	1000.00	904	1.0	0.500	90
p-Isopropyltoluene	1000.00	974	1.0	0.500	97
n-Butylbenzene	1000.00	926	1.0	0.500	93
C1 - Benzene		U	1.0	0.500	
C2 - Benzene		U	1.0	0.500	
C3 - Benzene		U	1.0	0.500	
C4 - Benzene		U	1.0	0.500	
C5 - Benzene		U	1.0	0.500	
trans-Decalin		U	1.0	0.500	
cis-Decalin		U	1.0	0.500	
Naphthalene	1000.00	932	1.0	0.500	93
2-Methylnaphthalene	1000.00	988	1.0	0.500	99
1-Methylnaphthalene	1000.00	927	1.0	0.500	93
C1 - Naphthalene		U	1.0	0.500	
C2 - Naphthalene		U	1.0	0.500	
C3- Naphthalene		U	1.0	0.500	
C4- Naphthalene		U	1.0	0.500	
Acenaphthylene	1000.00	1,000 B	1.0	0.500	100
Acenaphthene	1000.00	944 B	1.0	0.500	94
Dibenzofuran	1000.00	1,030	1.0	0.500	103
Fluorene	1000.00	988	1.0	0.500	99
C1 - Fluorene		U	1.0	0.500	
C2 - Fluorene		U	1.0	0.500	
C3 - Fluorene		U	1.0	0.500	
Phenanthrene	1000.00	969	1.0	0.500	97
Anthracene	1000.00	1,010	1.0	0.500	101

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Method Blank Spike

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081224-MBS		
File ID:	E122417.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte		Concentration (mg/kg)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene			U	1.0	0.500	
C2 - Phenanthrene/Anthracene			U	1.0	0.500	
C3 - Phenanthrene/Anthracene			U	1.0	0.500	
C4 - Phenanthrene/Anthracene			U	1.0	0.500	
Dibenzothiophene			U	1.0	0.500	
C1 - Dibenzothiophene			U	1.0	0.500	
C2 - Dibenzothiophene			U	1.0	0.500	
C3 - Dibenzothiophene			U	1.0	0.500	
C4 - Dibenzothiophene			U	1.0	0.500	
Benzo(b)naphtho(2,1-d)thiophene			U	1.0	0.500	
Fluoranthene	1000.00	1,010		1.0	0.500	101
Pyrene	1000.00	991		1.0	0.500	99
C1 - Fluoranthene/Pyrene			U	1.0	0.500	
C2 - Fluoranthene/Pyrene			U	1.0	0.500	
C3 - Fluoranthene/Pyrene			U	1.0	0.500	
Benz[a]anthracene	1000.00	1,010		1.0	0.500	101
Chrysene*	1000.00	960		1.0	0.500	96
C1 - Benz(a)anthracene/Chrysene			U	1.0	0.500	
C2 - Benz(a)anthracene/Chrysene			U	1.0	0.500	
C3 - Benz(a)anthracene/Chrysene			U	1.0	0.500	
C4 - Benz(a)anthracene/Chrysene			U	1.0	0.500	
Benzo[b]fluoranthene	1000.00	1,010		1.0	0.500	101
Benzo[j/k]fluoranthene	1000.00	1,030		1.0	0.500	103
Benzo(e)pyrene	1000.00		U	1.0	0.500	
Benzo[a]pyrene	1000.00	973		1.0	0.500	97
Perylene			U	1.0	0.500	
Indeno[1,2,3-cd]pyrene	1000.00	1,000		1.0	0.500	100
Dibenz[a,h]anthracene	1000.00	958		1.0	0.500	96
Benzo[g,h,i]perylene	1000.00	881		1.0	0.500	88
Coronene			U	1.0	0.500	
Retene			U	1.0	0.500	
Benzo(b/c)fluorenes			U	1.0	0.500	
2-Methylpyrene			U	1.0	0.500	
4-Methylpyrene			U	1.0	0.500	
1-Methylpyrene			U	1.0	0.500	
Heptadecane			U	1.0	0.500	
Pristane			U	1.0	0.500	
Octadecane			U	1.0	0.500	
Phytane			U	1.0	0.500	
2,6,10-trimethyldodecane			U	1.0	0.500	

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Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Method Blank Spike**

Client:	Parsons	Preparation Method:	EPA 3580
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC081224-MBS		
File ID:	E122417.D	Matrix:	Solid
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	12/24/2008	Sample Volume (ml)	0.01
Date Cleanup:	NA	Percent Solid:	NA
Date Analyzed:	12/25/2008	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	NA	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC081224-MB		

Analyte	Concentration (mg/kg)	RL	EDL	Comments
2,6,10-trimethyltridecane	U	1.0	0.500	
Norpristane	U	1.0	0.500	
Tetraethyl lead	U	1.0	0.500	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	77	50 - 120
Phenanthrene-d10	92	50 - 120
Benzo[a]pyrene-d12	77	50 - 120
Perylene-d12	89	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090107-SBS		
File ID:	E011407.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	1/7/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
MAH & PAH COMPOUNDS:	Spike Amount				% Recovery
Benzene	2.50	1.68 B	0.003	0.001	67
Toluene	2.50	1.85 B	0.003	0.001	74
Ethylbenzene	2.50	1.92	0.003	0.001	77
m/p-Xylenes	2.50	1.97	0.003	0.001	79
Styrene	2.50	2.0	0.003	0.001	80
o-Xylene	2.50	1.83	0.003	0.001	73
Isopropylbenzene	2.50	1.87	0.003	0.001	75
n-Propylbenzene	2.50	2.0	0.003	0.001	80
1,3,5-Trimethylbenzene	2.50	1.97	0.003	0.001	79
1,2,4-Trimethylbenzene	2.50	1.91	0.003	0.001	76
t-Butylbenzene		U	0.003	0.001	
sec-Butylbenzene	2.50	1.91	0.003	0.001	76
p-Isopropyltoluene	2.50	1.97	0.003	0.001	79
n-Butylbenzene	2.50	1.89	0.003	0.001	76
C1 - Benzene		BU	0.003	0.001	
C2 - Benzene		U	0.003	0.001	
C3 - Benzene		U	0.003	0.001	
C4 - Benzene		U	0.003	0.001	
C5 - Benzene		U	0.003	0.001	
trans-Decalin	2.50	1.82	0.003	0.001	73
cis-Decalin	2.50	1.88	0.003	0.001	75
Naphthalene	2.50	1.99 B	0.003	0.001	80
2-Methylnaphthalene	2.50	2.0 B	0.003	0.001	80
1-Methylnaphthalene	2.50	1.94 B	0.003	0.001	78
C1 - Naphthalene		BU	0.003	0.001	
C2 - Naphthalene		BU	0.003	0.001	
C3- Naphthalene		BU	0.003	0.001	
C4- Naphthalene		U	0.003	0.001	
Acenaphthylene	2.50	2.04 B	0.003	0.001	82
Acenaphthene	2.50	1.96 B	0.003	0.001	78
Dibenzofuran	2.50	2.09 B	0.003	0.001	84
Fluorene	2.50	2.08 B	0.003	0.001	83
C1 - Fluorene		U	0.003	0.001	
C2 - Fluorene		U	0.003	0.001	
C3 - Fluorene		U	0.003	0.001	
Phenanthrene	2.50	2.01 B	0.003	0.001	80
Anthracene	2.50	2.08 B	0.003	0.001	83

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Soil Blank Spike**

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090107-SBS		
File ID:	E011407.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	1/7/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)			RL	EDL	Comments
C1 - Phenanthrene/Anthracene			BU	0.003	0.001	
C2 - Phenanthrene/Anthracene			BU	0.003	0.001	
C3 - Phenanthrene/Anthracene			U	0.003	0.001	
C4 - Phenanthrene/Anthracene			U	0.003	0.001	
Dibenzothiophene	2.50	2.11	B	0.003	0.001	84
C1 - Dibenzothiophene			U	0.003	0.001	
C2 - Dibenzothiophene			U	0.003	0.001	
C3 - Dibenzothiophene			U	0.003	0.001	
C4 - Dibenzothiophene			U	0.003	0.001	
Benzo(b)naphtho(2,1-d)thiophene	2.50	2.2	B	0.003	0.001	88
Fluoranthene	2.50	2.22	B	0.003	0.001	89
Pyrene	2.50	2.15	B	0.003	0.001	86
C1 - Fluoranthene/Pyrene			BU	0.003	0.001	
C2 - Fluoranthene/Pyrene			U	0.003	0.001	
C3 - Fluoranthene/Pyrene			U	0.003	0.001	
Benz[a]anthracene	2.50	2.17	B	0.003	0.001	87
Chrysene*	2.50	2.15	B	0.003	0.001	86
C1 - Benz(a)anthracene/Chrysene			U	0.003	0.001	
C2 - Benz(a)anthracene/Chrysene			U	0.003	0.001	
C3 - Benz(a)anthracene/Chrysene			U	0.003	0.001	
C4 - Benz(a)anthracene/Chrysene			U	0.003	0.001	
Benzo[b]fluoranthene	2.50	2.18		0.003	0.001	87
Benzo[j/k]fluoranthene	2.50	2.24		0.003	0.001	90
Benzo(e)pyrene	2.50	2.11		0.003	0.001	84
Benzo[a]pyrene	2.50	2.14	B	0.003	0.001	86
Perylene	2.50	2.18		0.003	0.001	87
Indeno[1,2,3-cd]pyrene	2.50	2.18	B	0.003	0.001	87
Dibenz[a,h]anthracene	2.50	2.1		0.003	0.001	84
Benzo[g,h,i]perylene	2.50	2.1	B	0.003	0.001	84
Coronene	2.50	1.92		0.003	0.001	77
Retene	2.50	2.11		0.003	0.001	84
Benzo(b/c)fluorenes			BU	0.003	0.001	
2-Methylpyrene			BU	0.003	0.001	
4-Methylpyrene			U	0.003	0.001	
1-Methylpyrene			U	0.003	0.001	
Heptadecane	2.50	1.97	B	0.003	0.001	79
Pristane	2.50	1.92		0.003	0.001	77
Octadecane	2.50	1.92	B	0.003	0.001	77
Phytane	2.50	1.92		0.003	0.001	77
2,6,10-trimethyldodecane	2.50	2.74		0.003	0.001	110

META

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: **Soil Blank Spike**

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed. - Cedar St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090107-SBS		
File ID:	E011407.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	1/7/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	1/14/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL/JAR	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090107-SB		

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
2,6,10-trimethyltridecane		U	0.003	0.001	
Norpristane		U	0.003	0.001	
Tetraethyl lead		U	0.003	0.001	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	85	50 - 120
Phenanthrene-d10	96	50 - 120
Benzo[a]pyrene-d12	92	50 - 120
Perylene-d12	104	50 - 120

NA - Not applicable.
B - Analyte detected in the Blank.
J - Estimated value; detected between the RL and DL.
U - Analyte not detected above DL.
D - Analyte reported from a diluted extract.
E - Estimate, result detected above calibration range.
I - Concentration/Peak ID uncertain due to potential interference.
RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.
EDL - Estimated detection limit is 50% of RL.
* - Triphenylene is known to coelute with this compound.

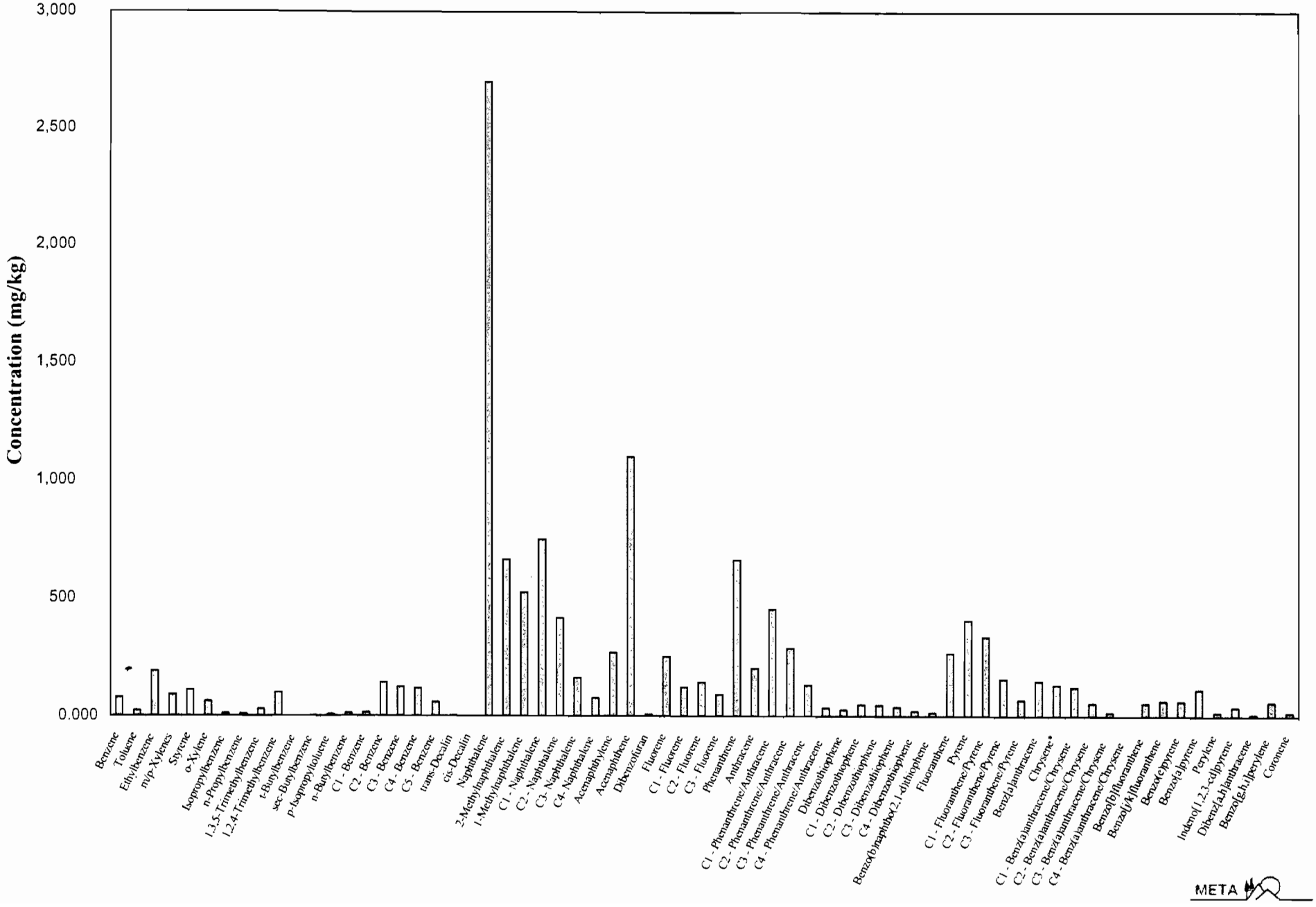
META

Appendix D

Extended MAH/PAH Profiles – Histograms

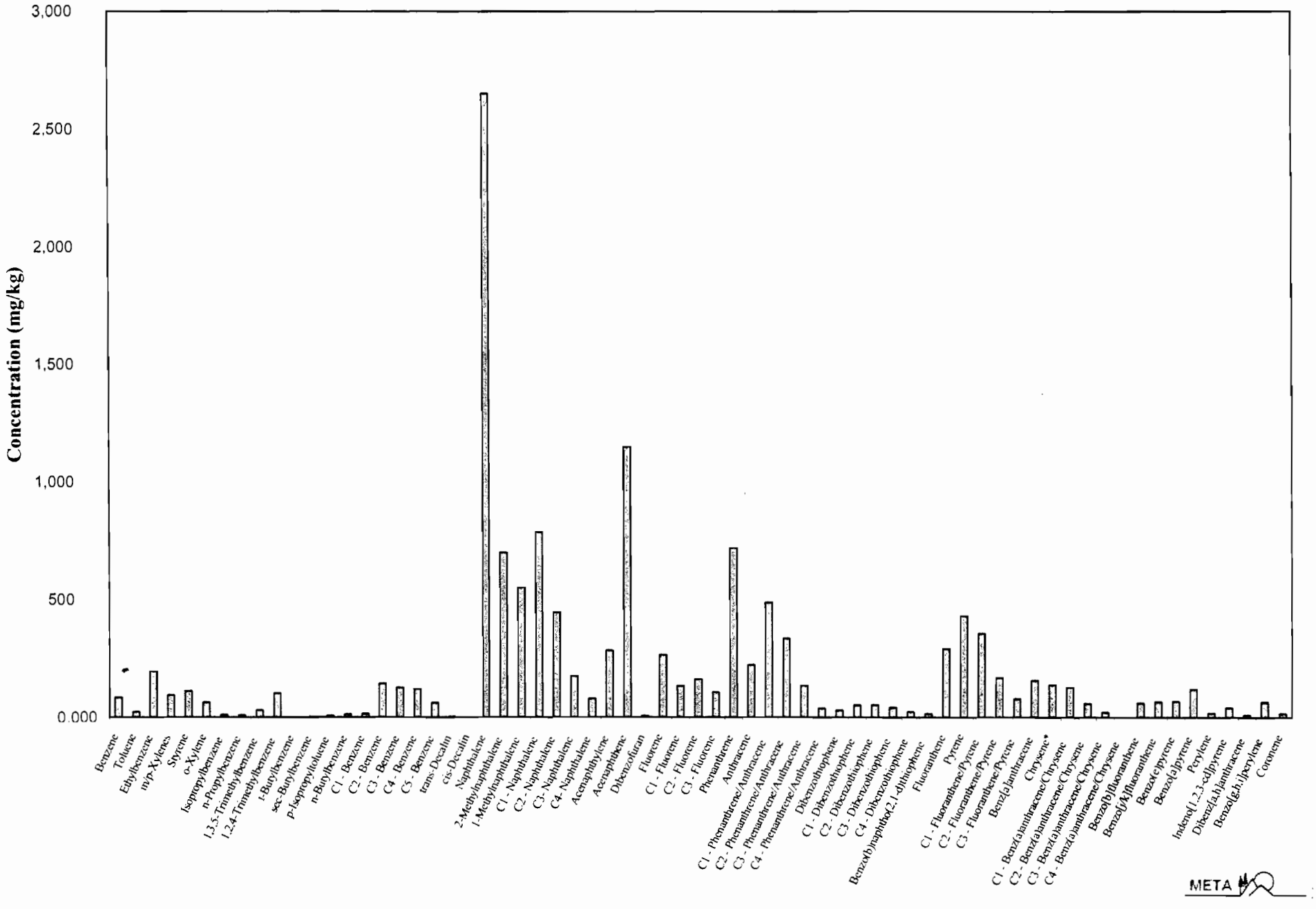
MW-T3

PA081212-01



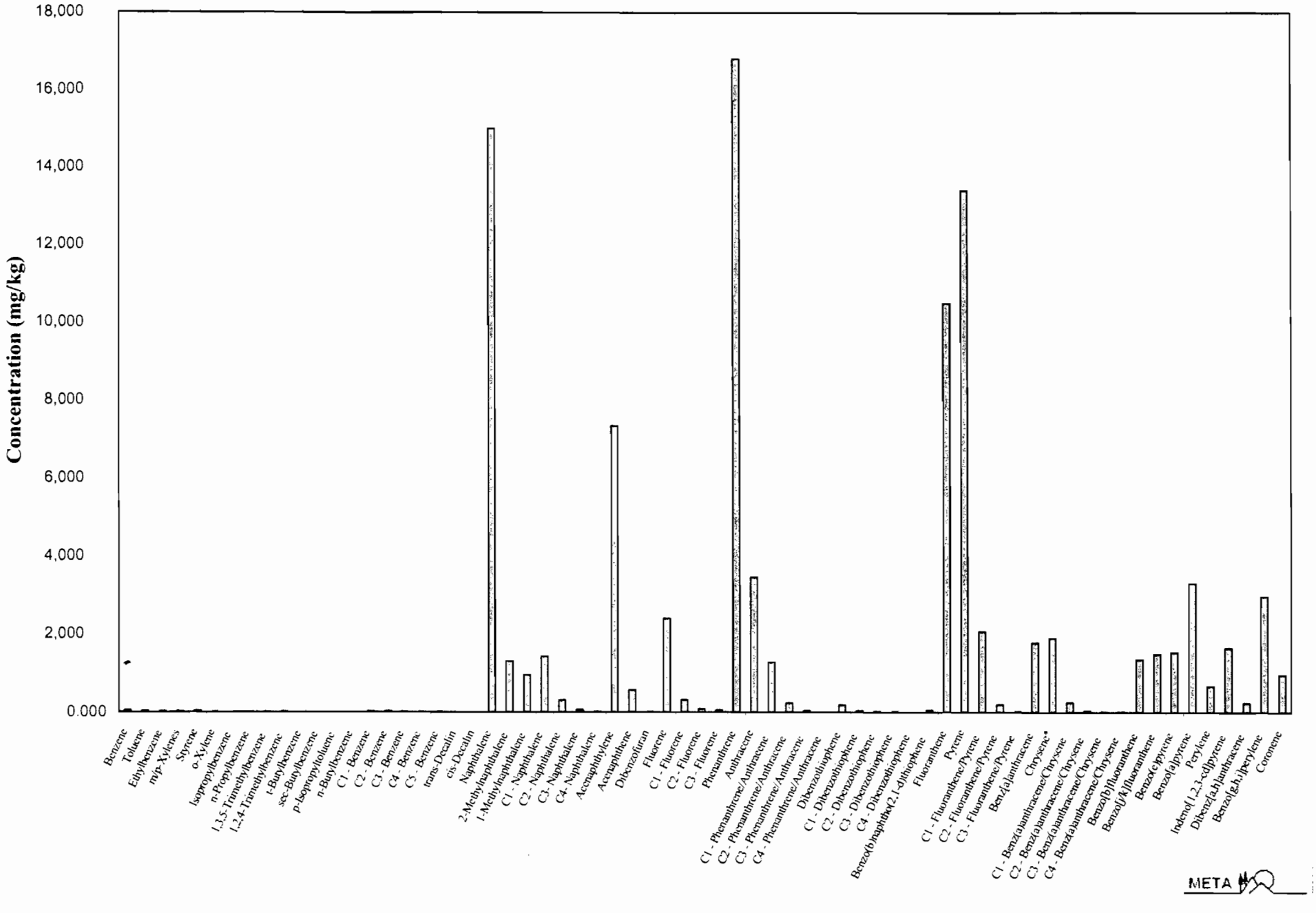
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PA081212-01DUP



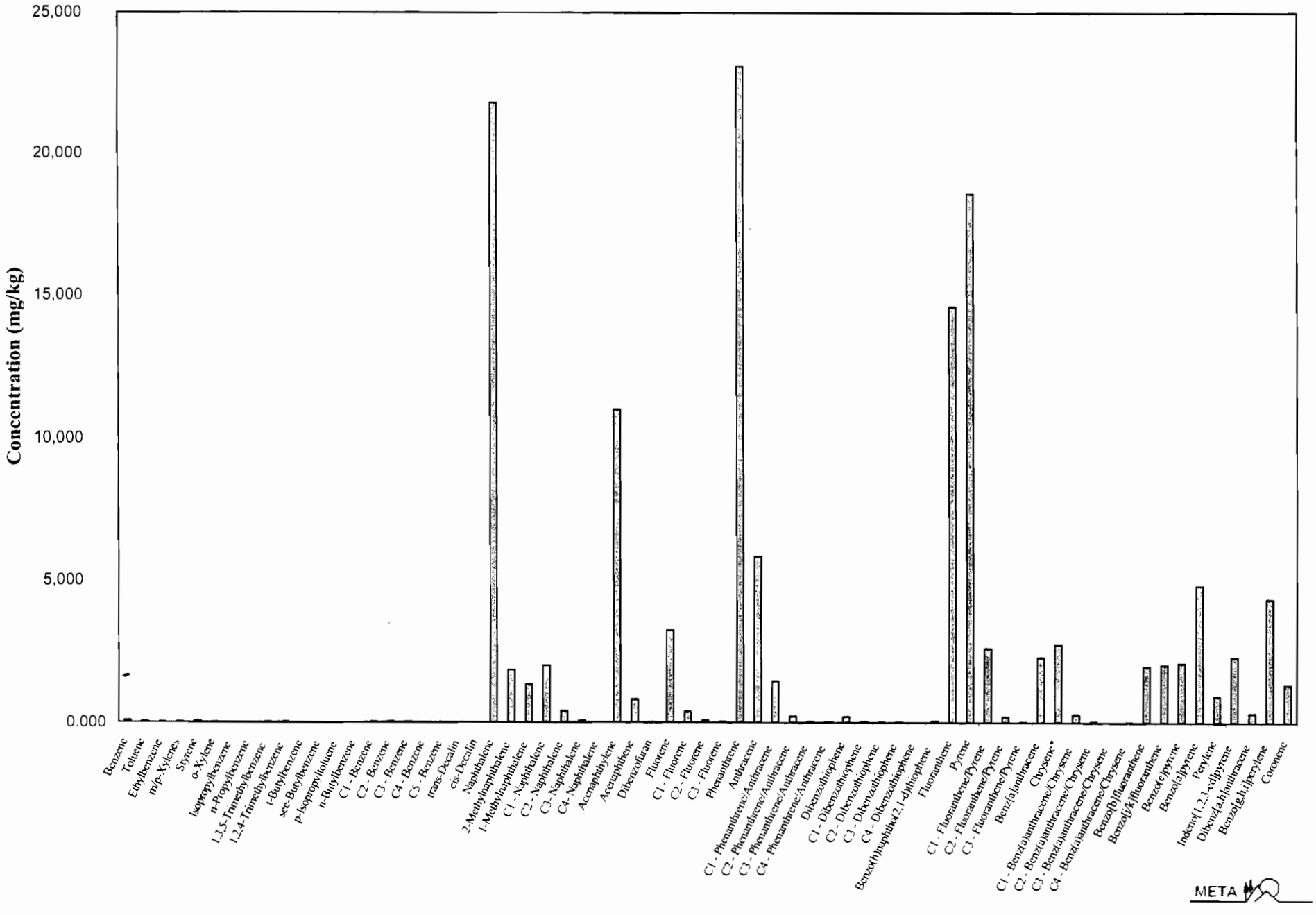
SB-13 (14.5-15.0')

PA081219-01



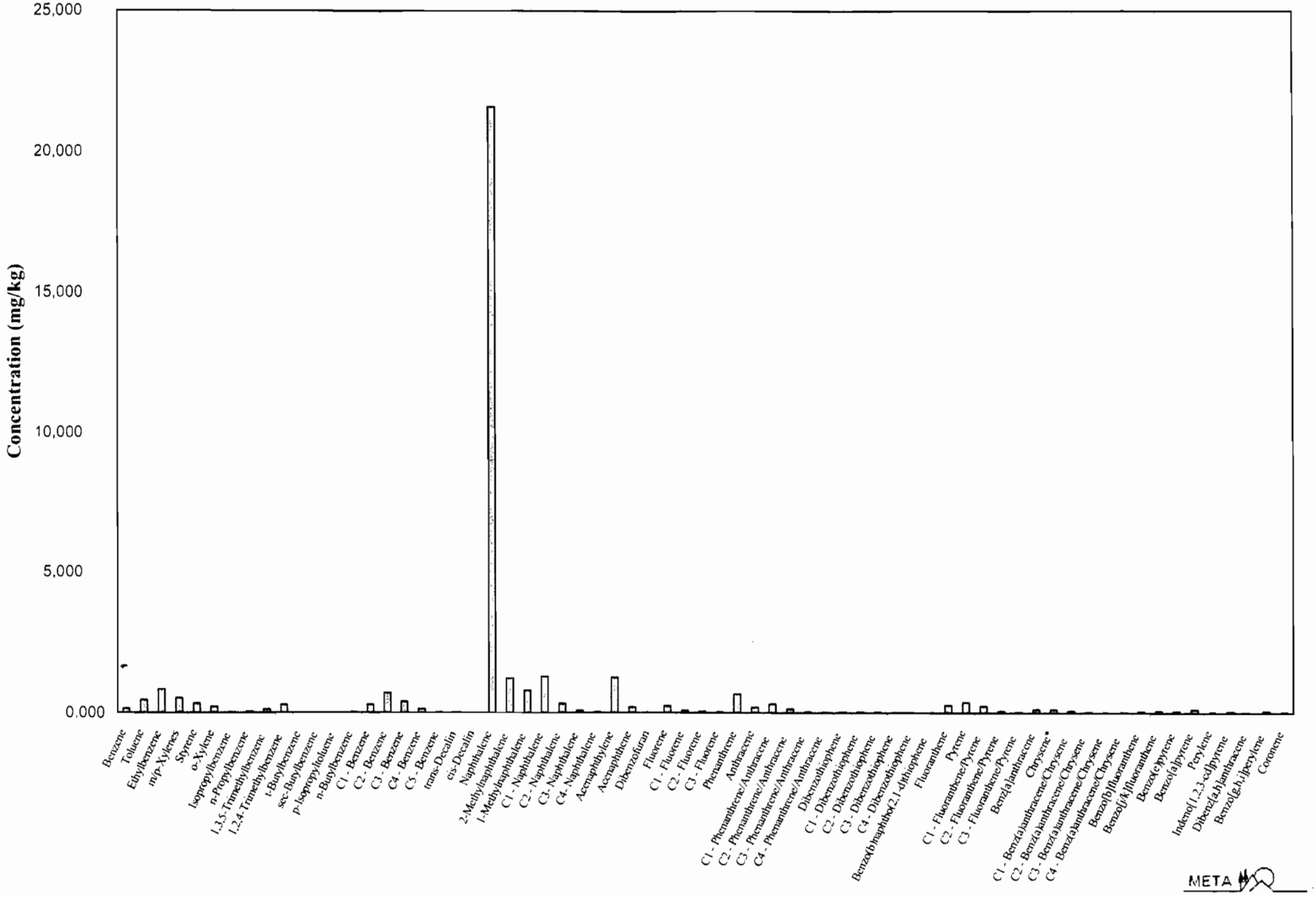
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PA081219-01DUP



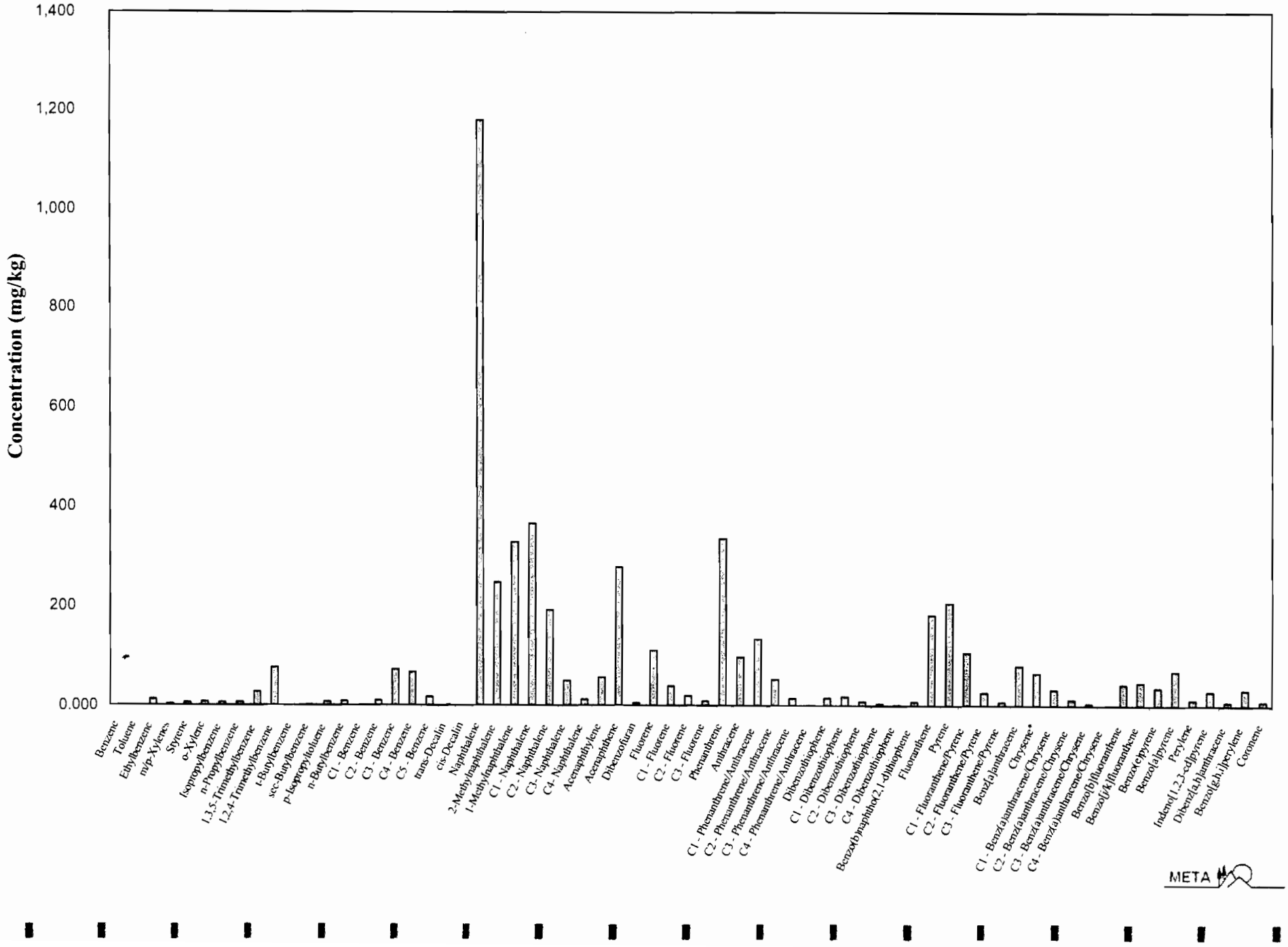
SB-3 (13')

PA081219-02



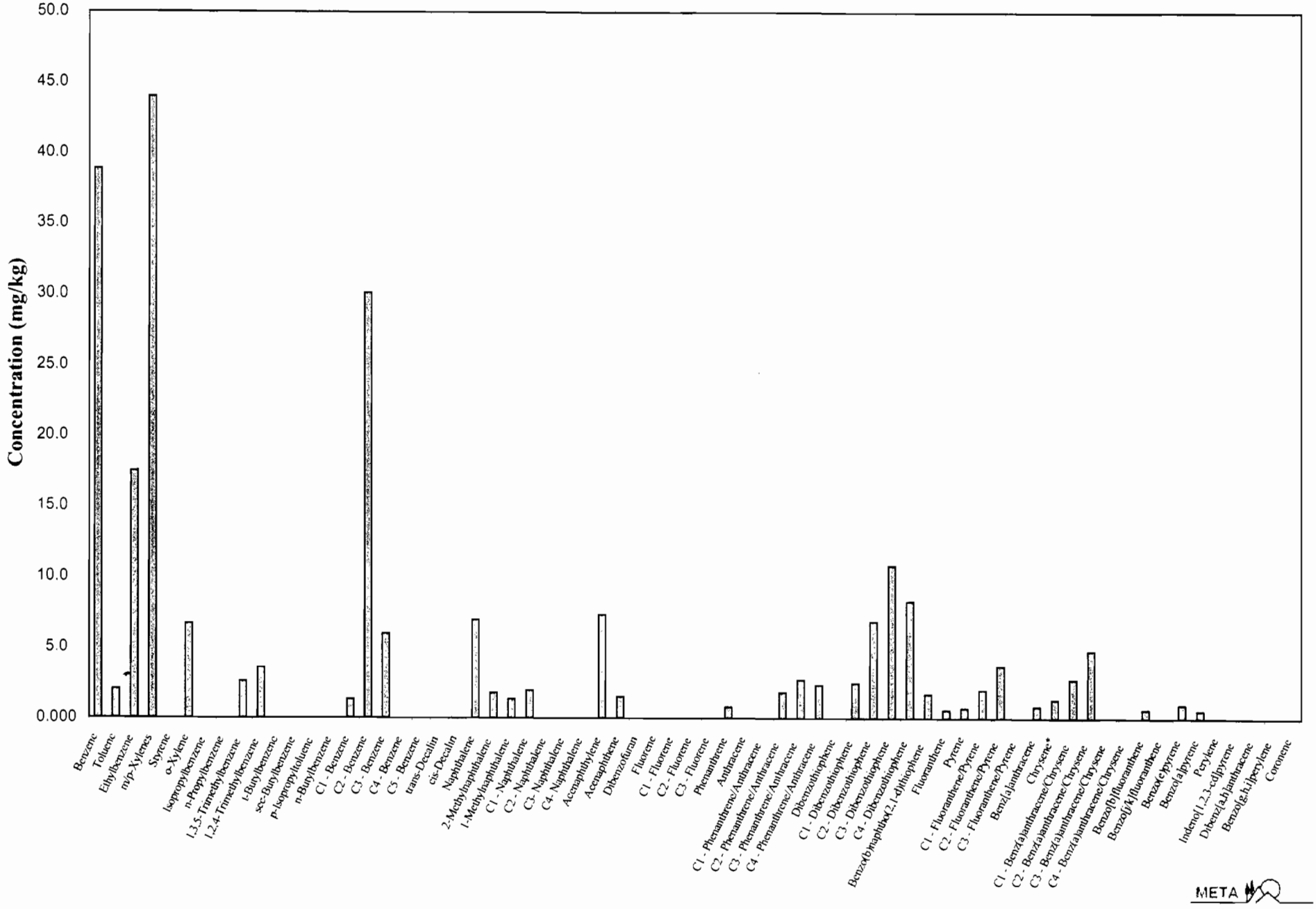
SB-12 (17-19')

PA081219-03



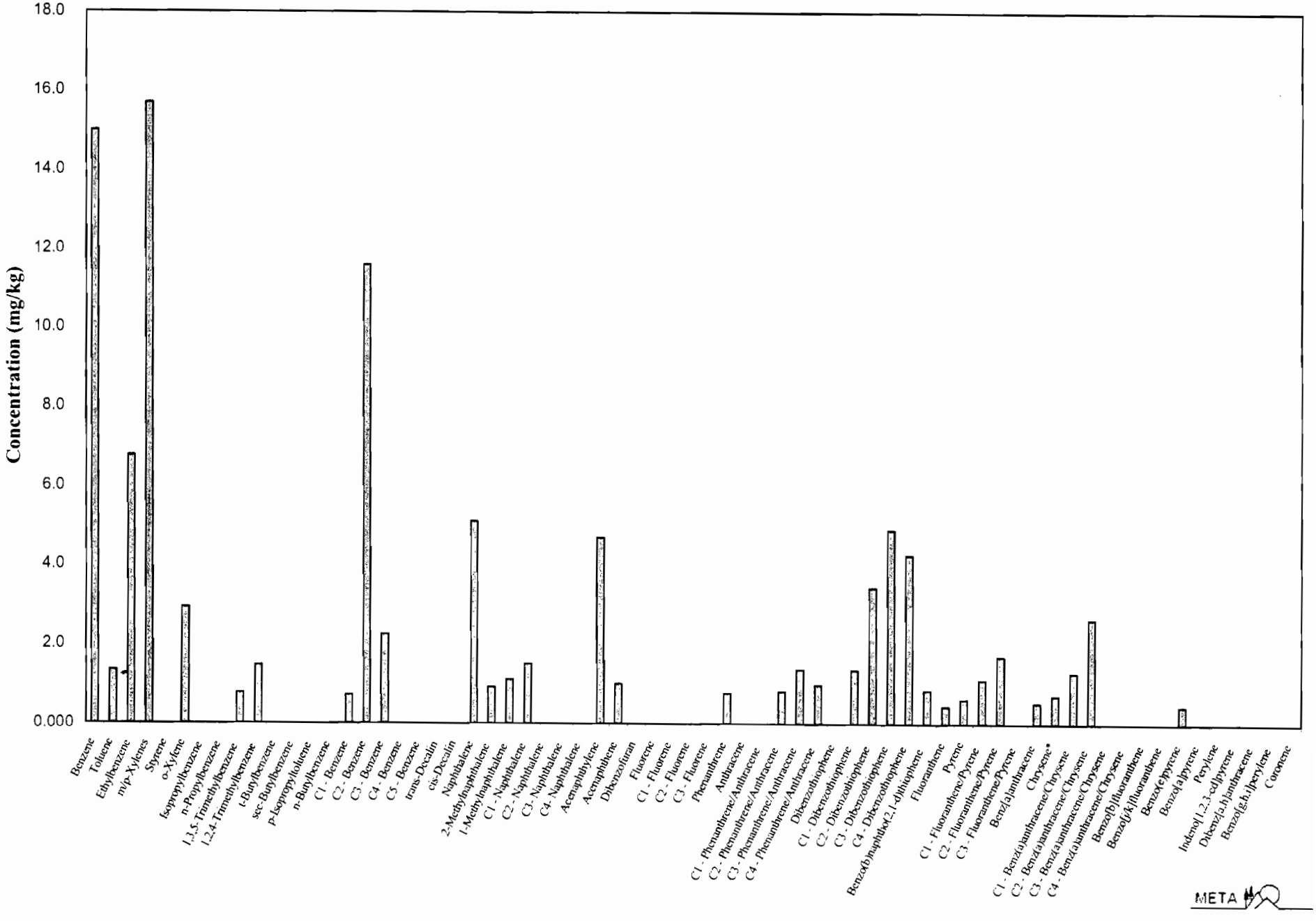
SB-4 (13-15')

PA081223-01



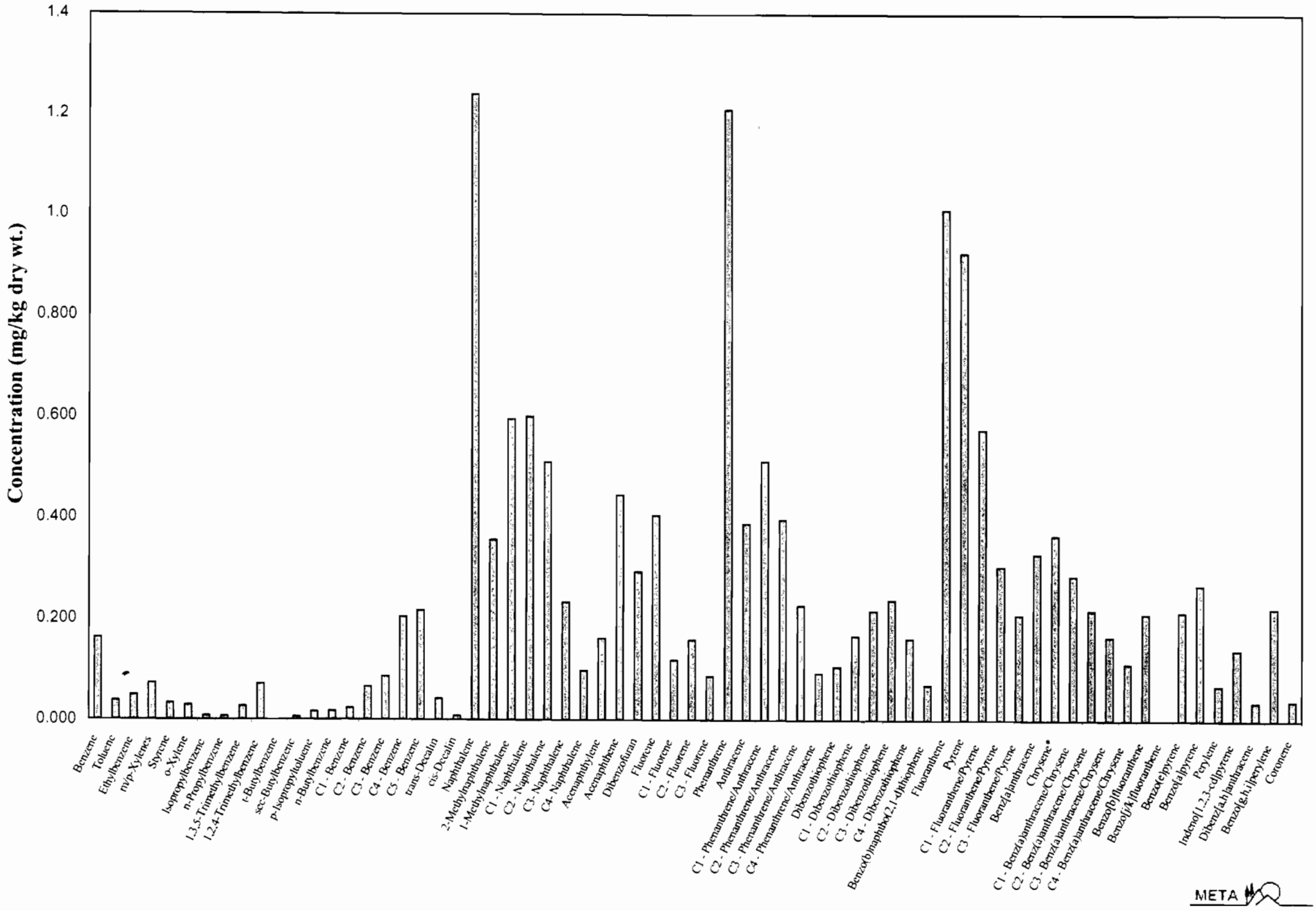
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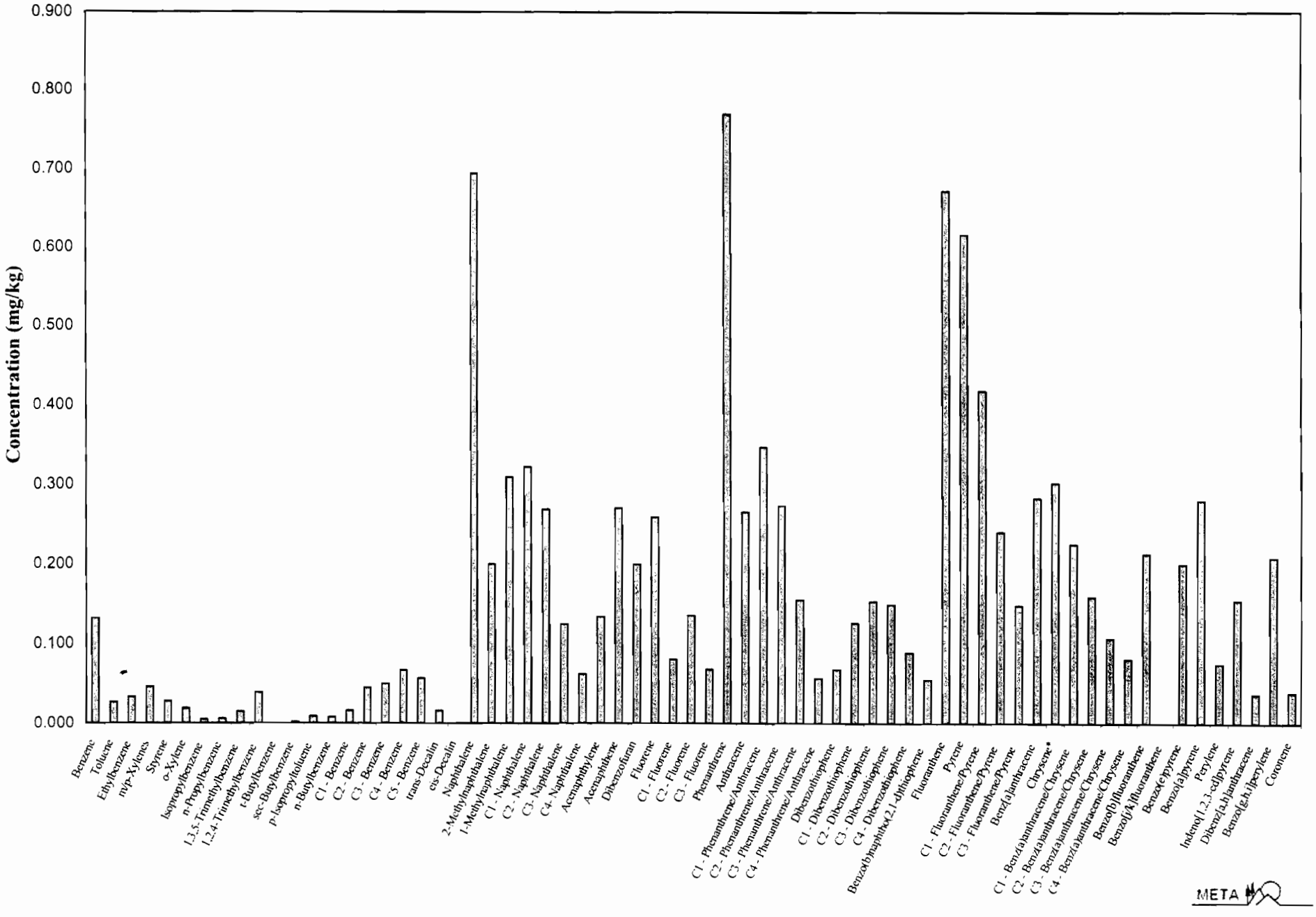
SB-5 (21-23')

PA090106-01



Dup of SB-5 (21-23')

PA090106-01DUP



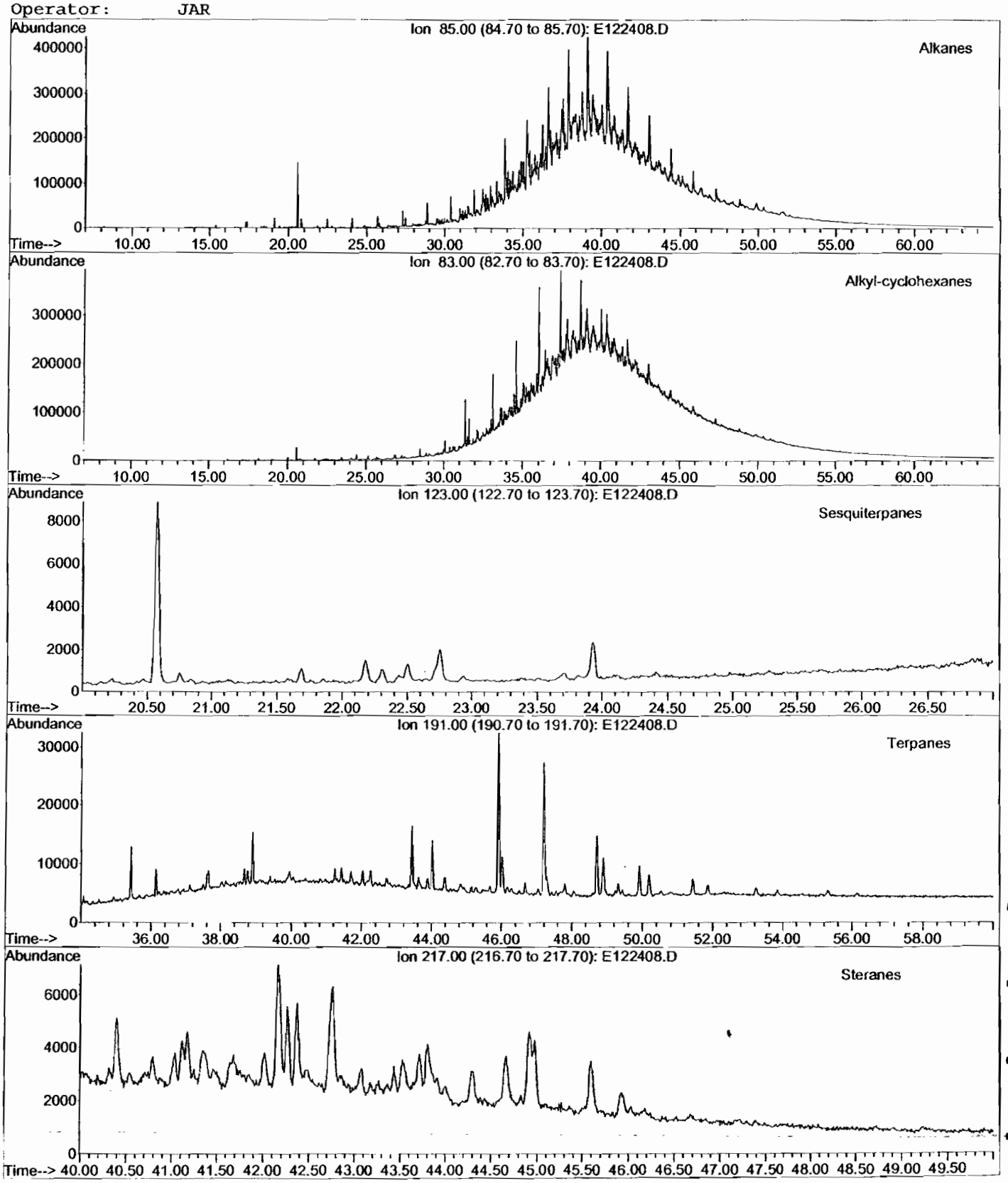
Appendix E

Extracted Ion Current Profiles (EICPs)

META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

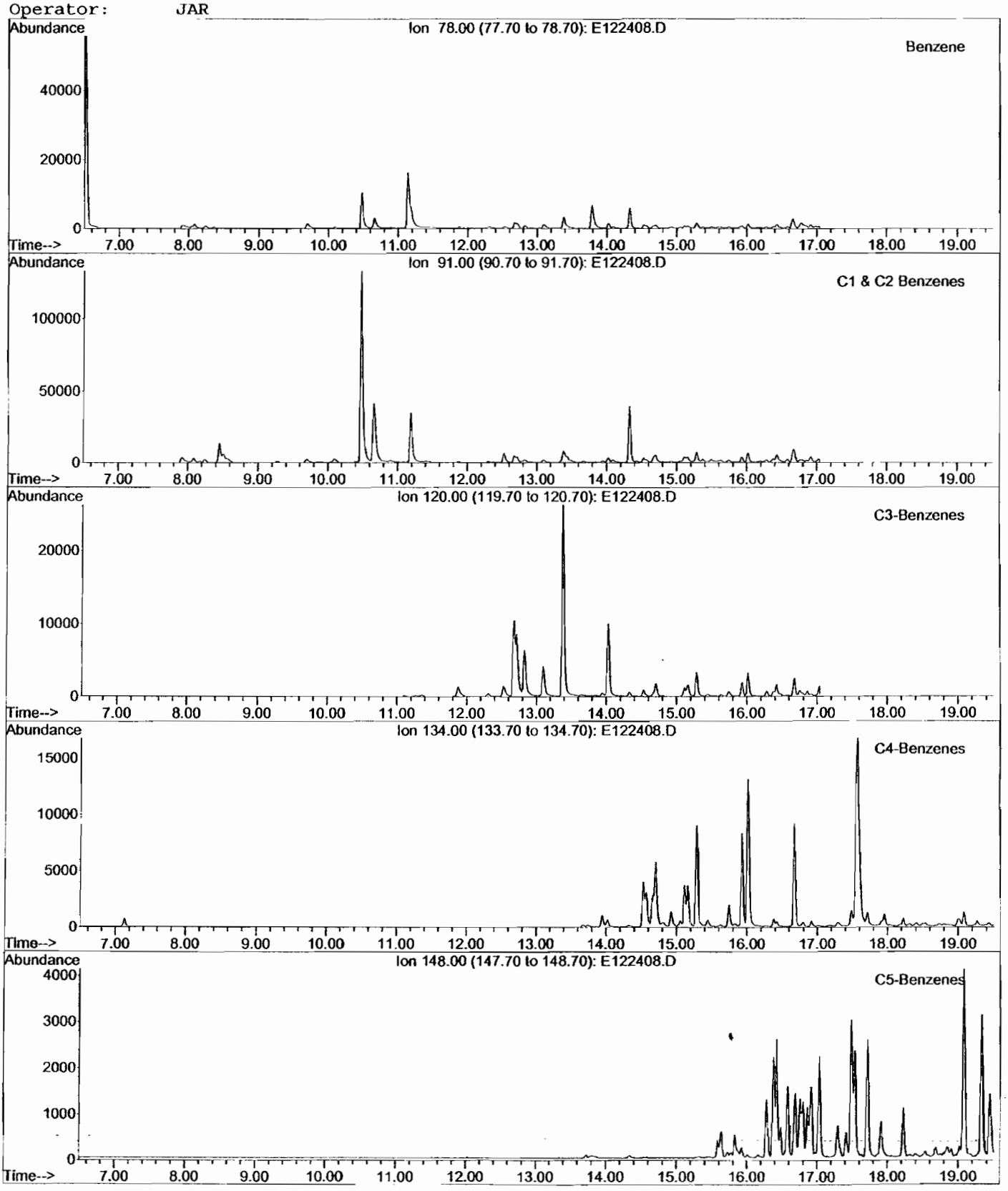
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Method File: 4008SIMD.M
Sample Name: PA081212-01
Misc Info: MW-T3
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

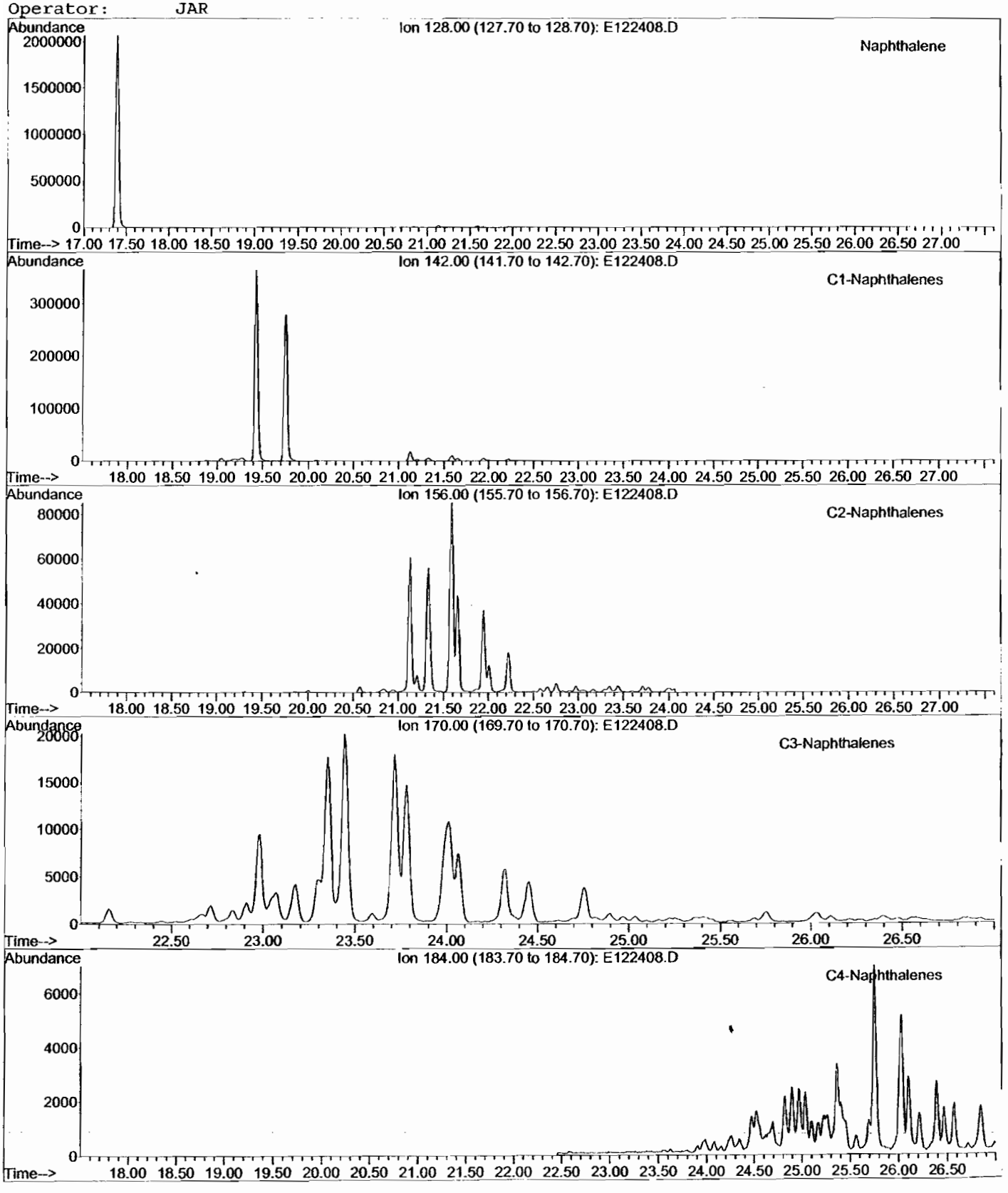
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Sample Name: PA081212-01
Misc Info: MW-T3
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

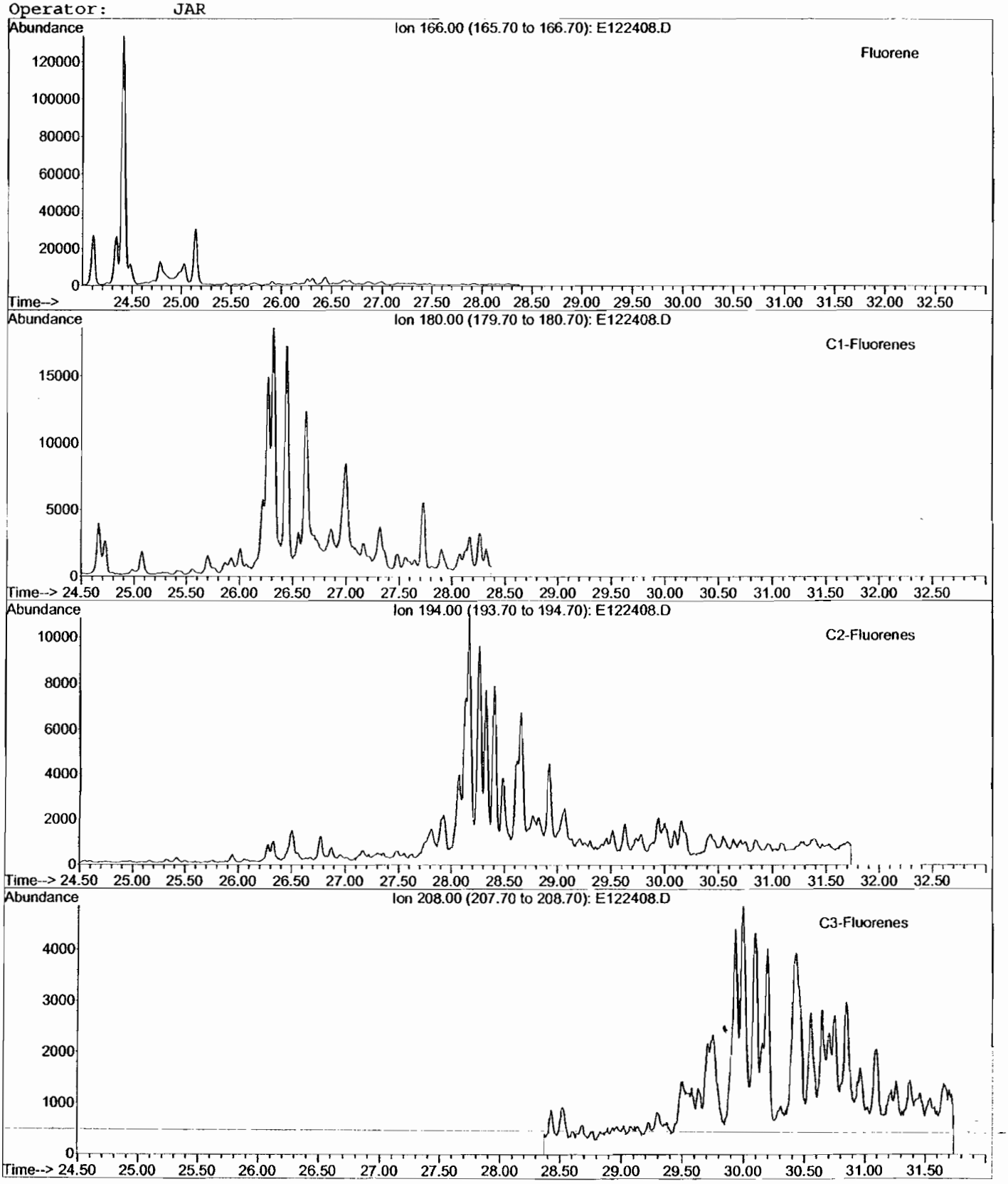
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Date Acquired: 24 Dec 2008 11:59 pm
Method File: 4008SIMD.M
Sample Name: PA081212-01
Misc Info: MW-T3
Operator: JAR



META Environmental, Inc.

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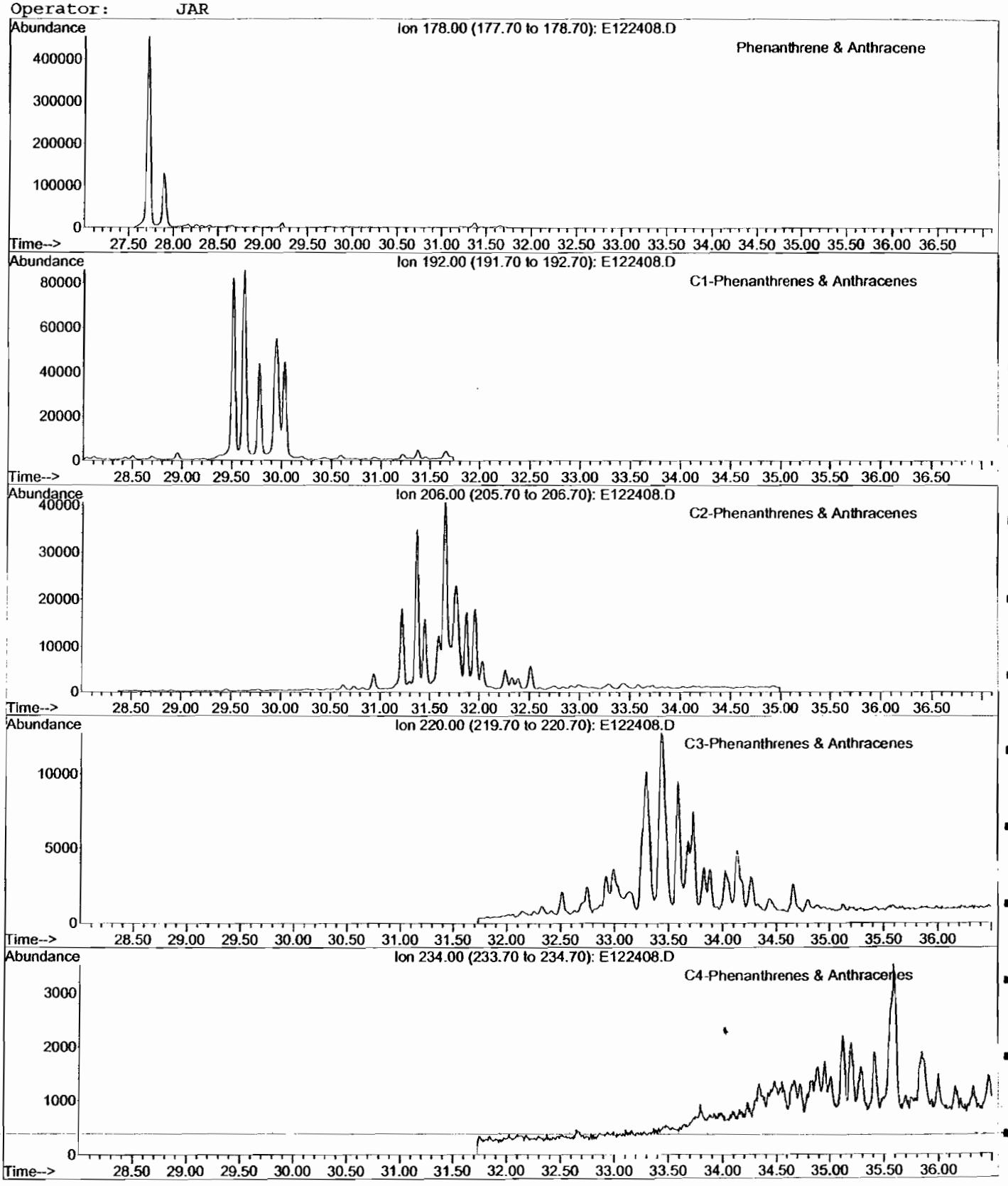
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Sample Name: PA081212-01
Misc Info: MW-T3
Operator: JAR



META Environmental, Inc.

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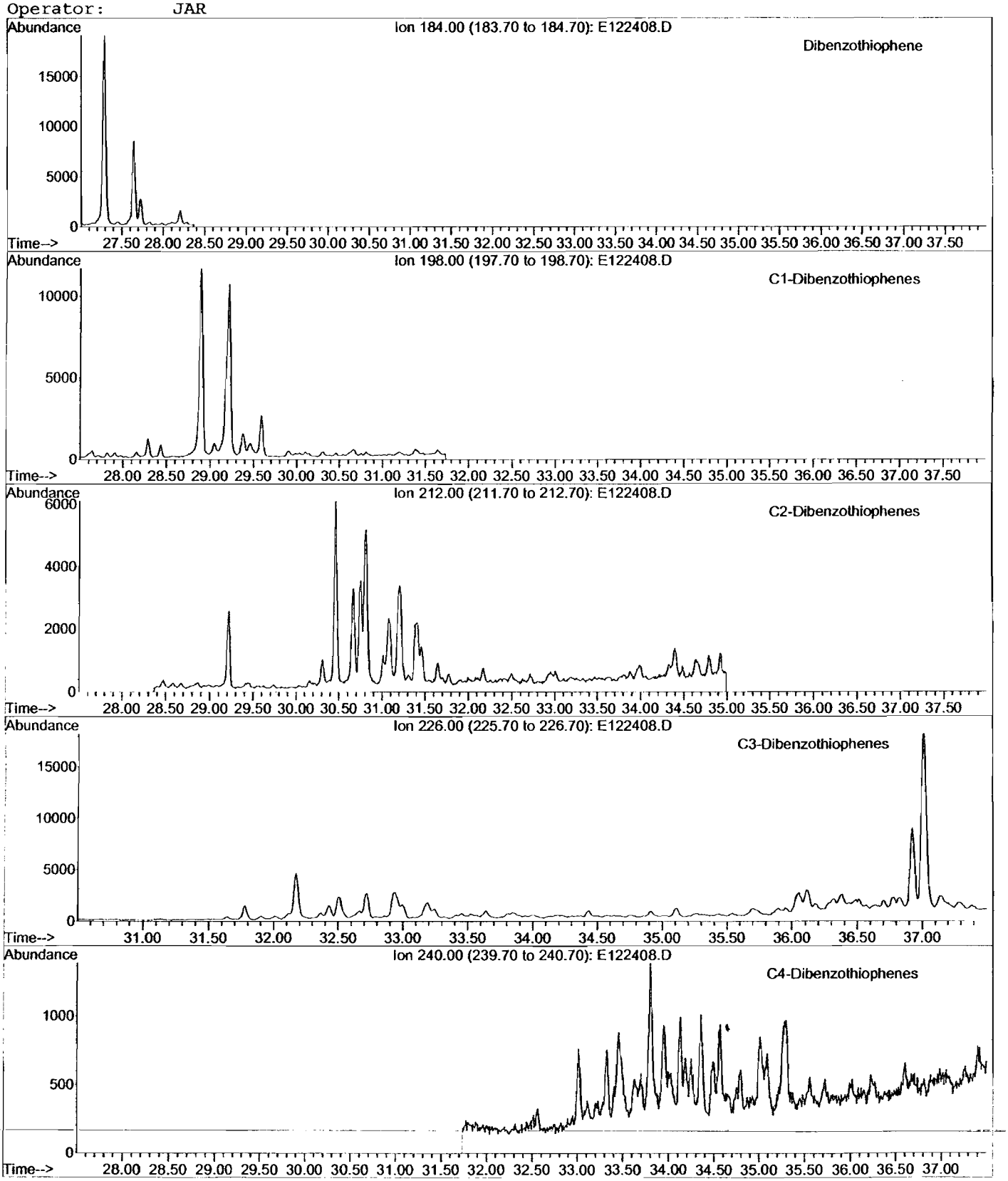
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META Environmental, Inc.

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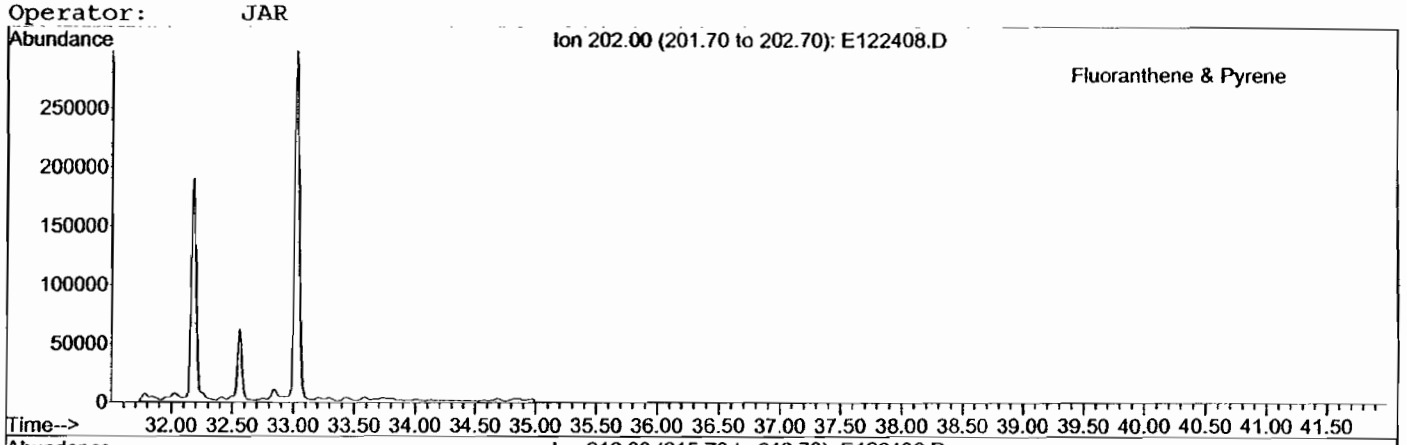
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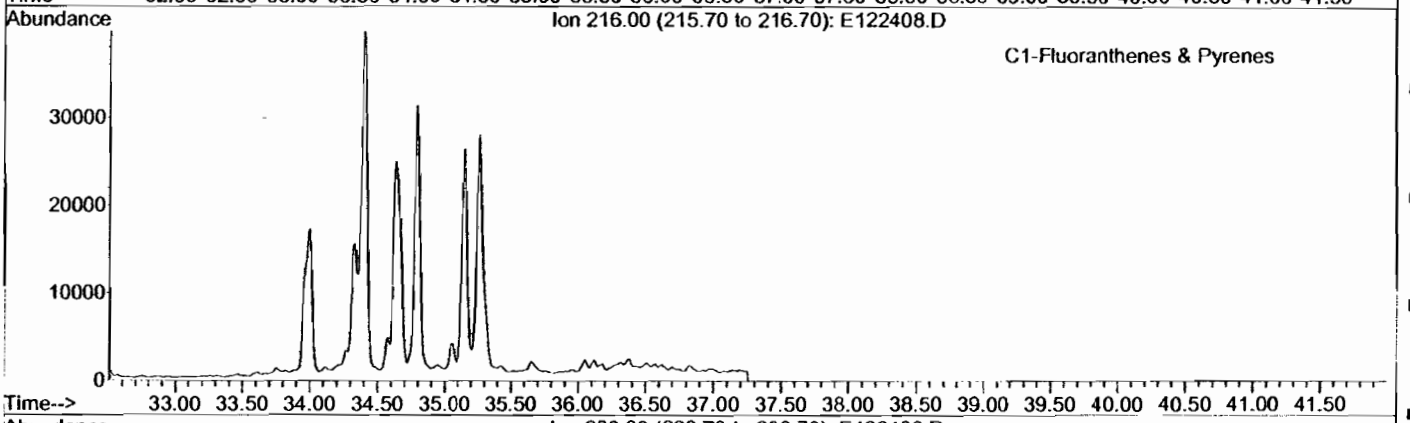


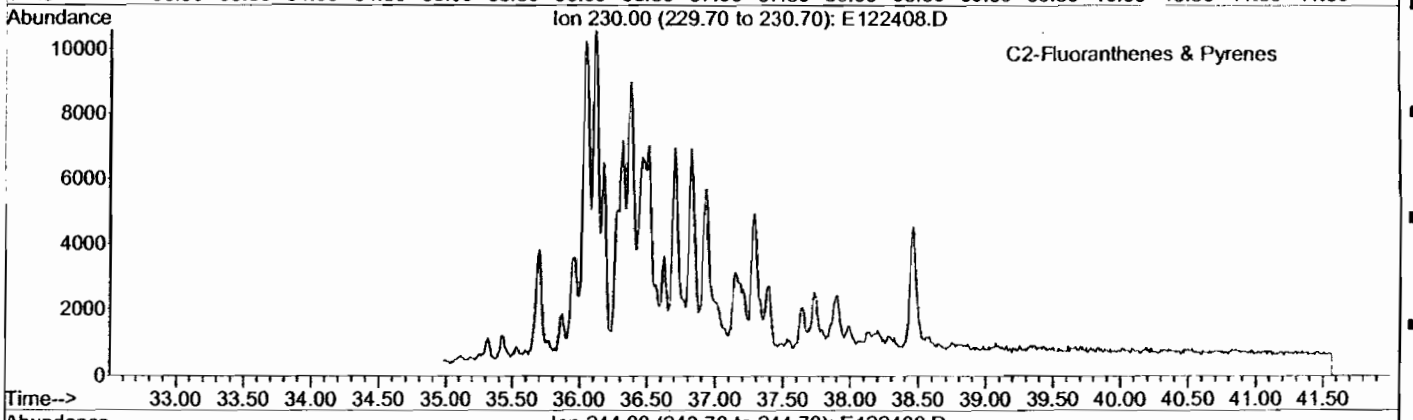
META Environmental, Inc.

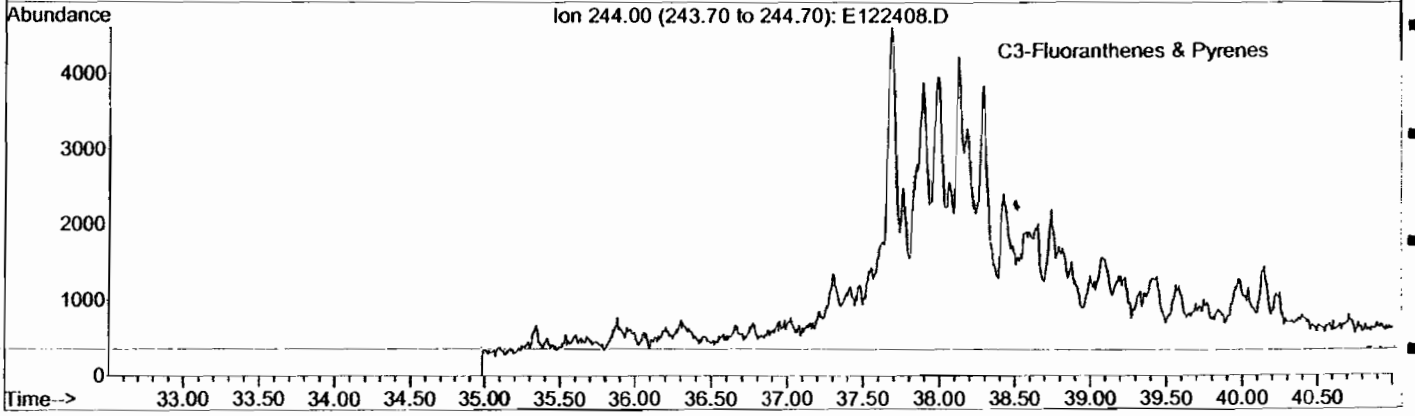
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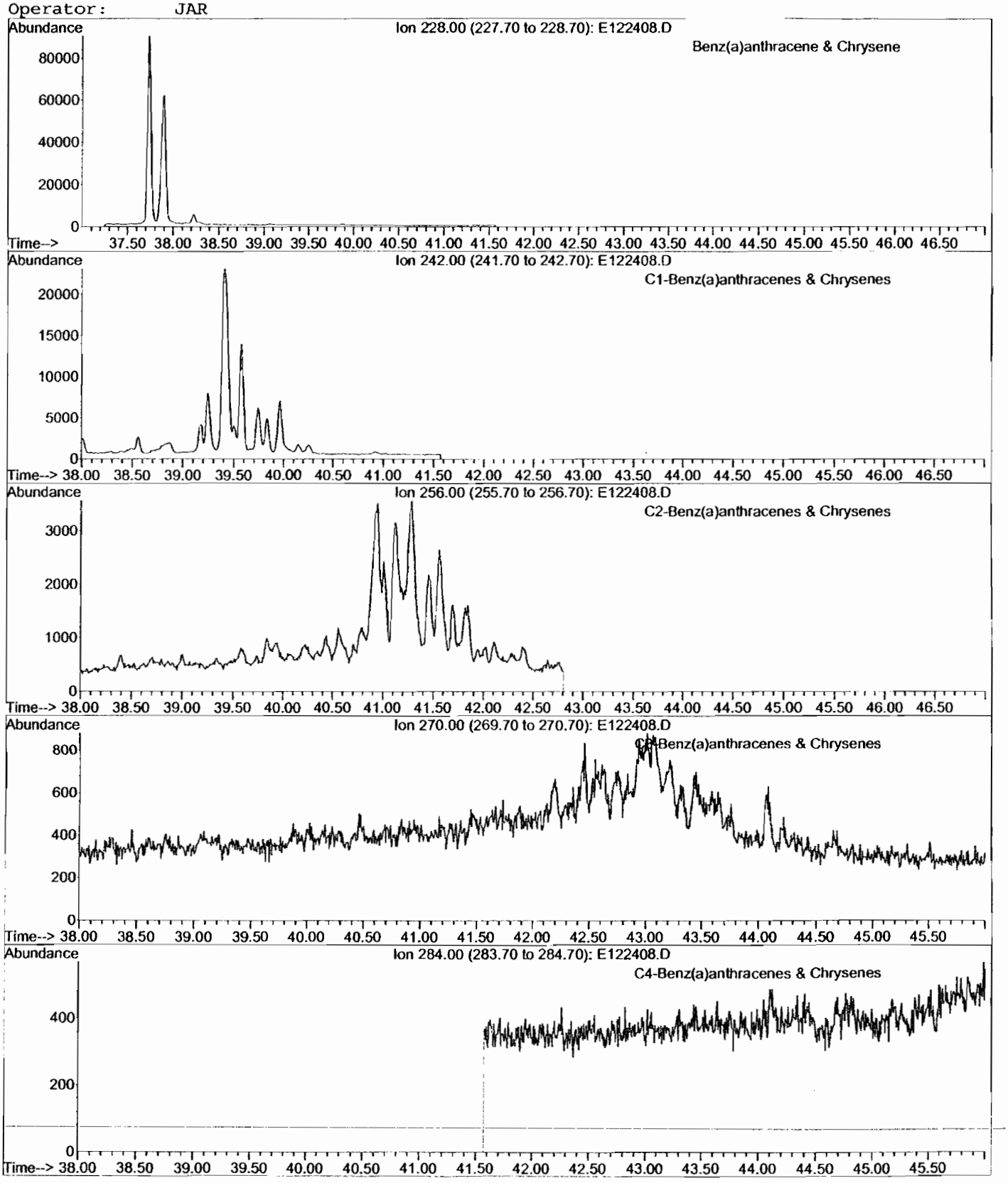




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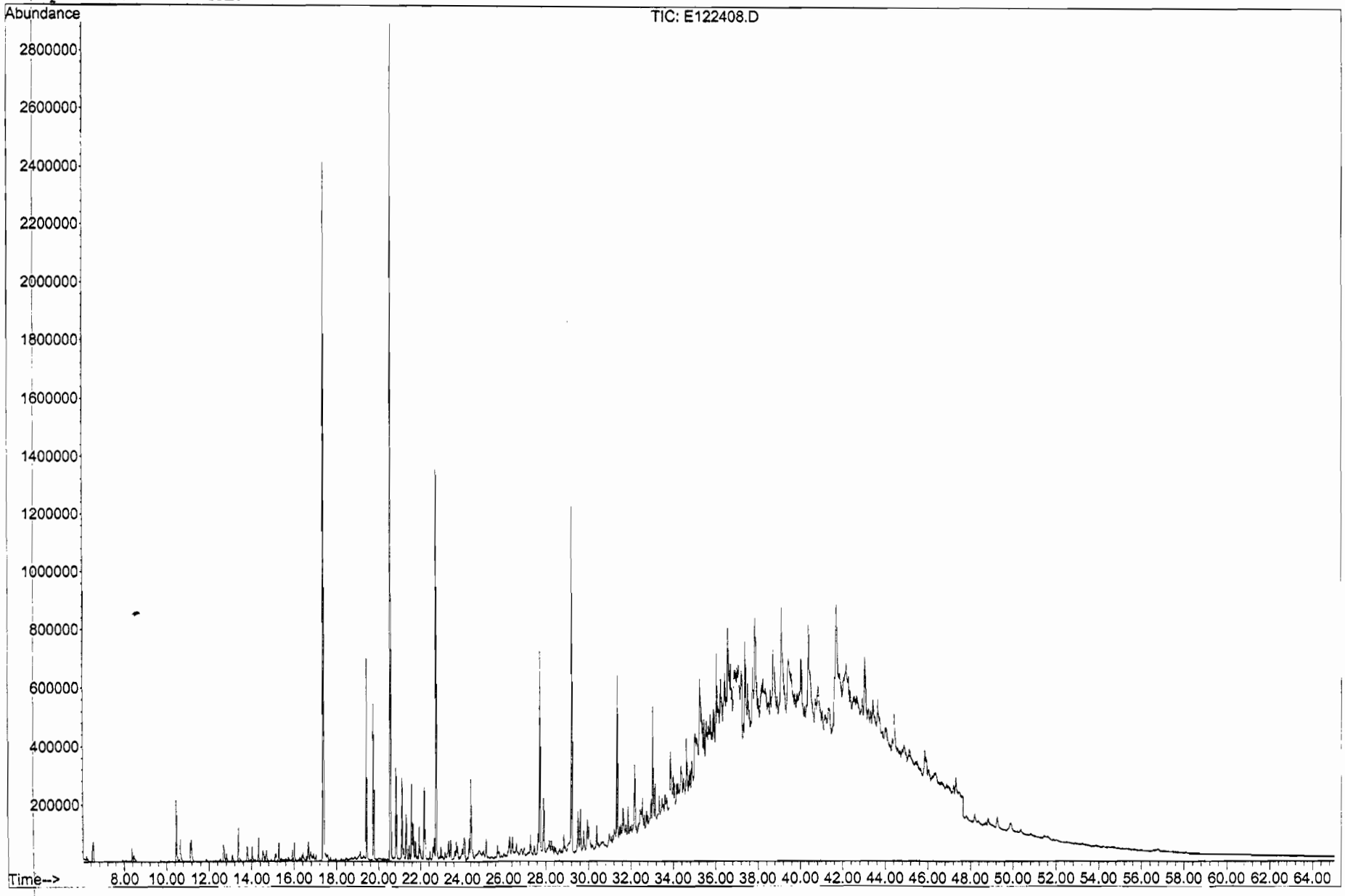
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Sample Name: PA081212-01
Misc Info: MW-T3
Operator: JAR



META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

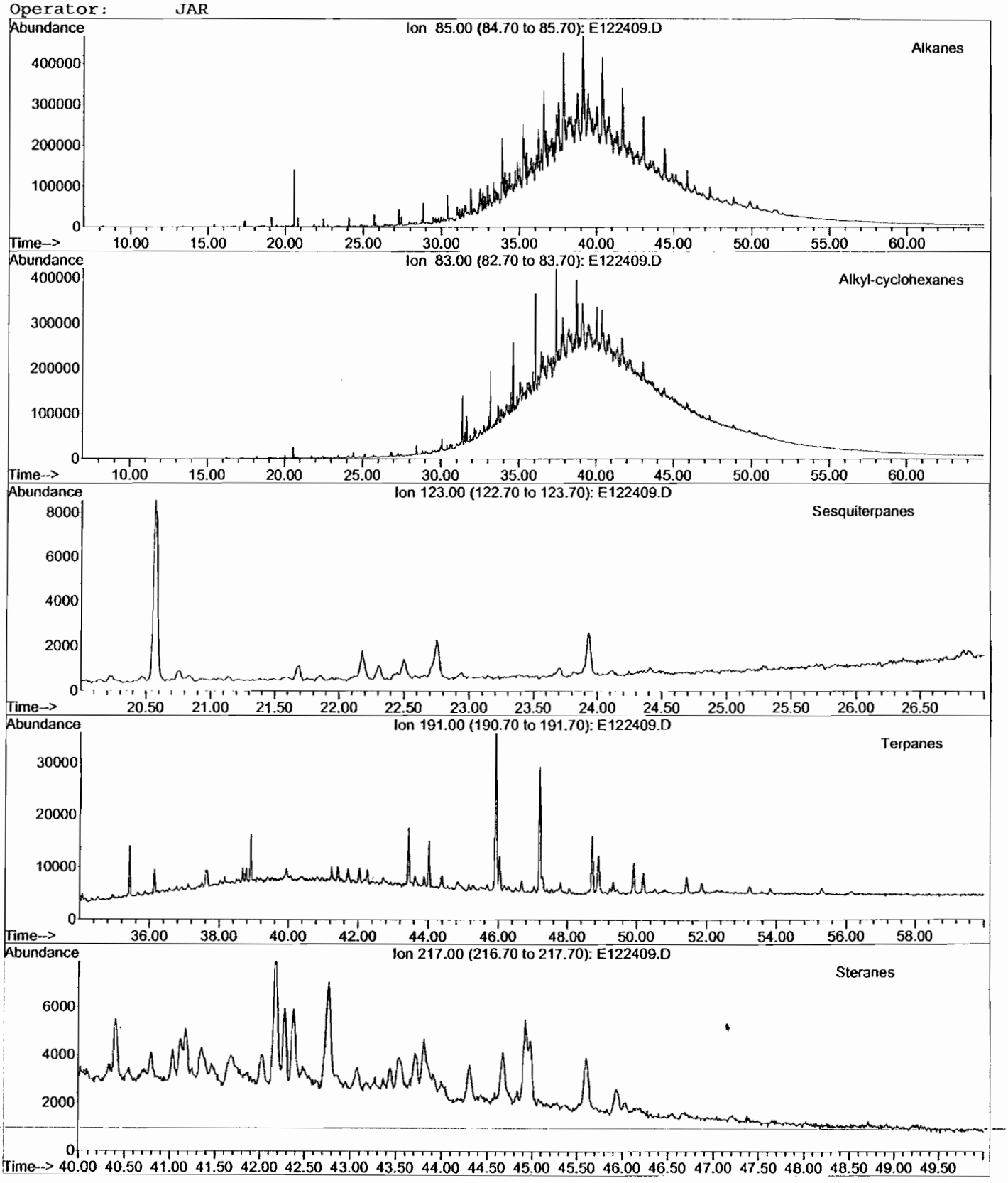
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Method File: 4008SIMD.M
Sample Name: PA081212-01
Misc Info: MW-T3
Operator: JAR



META Environmental, Inc.

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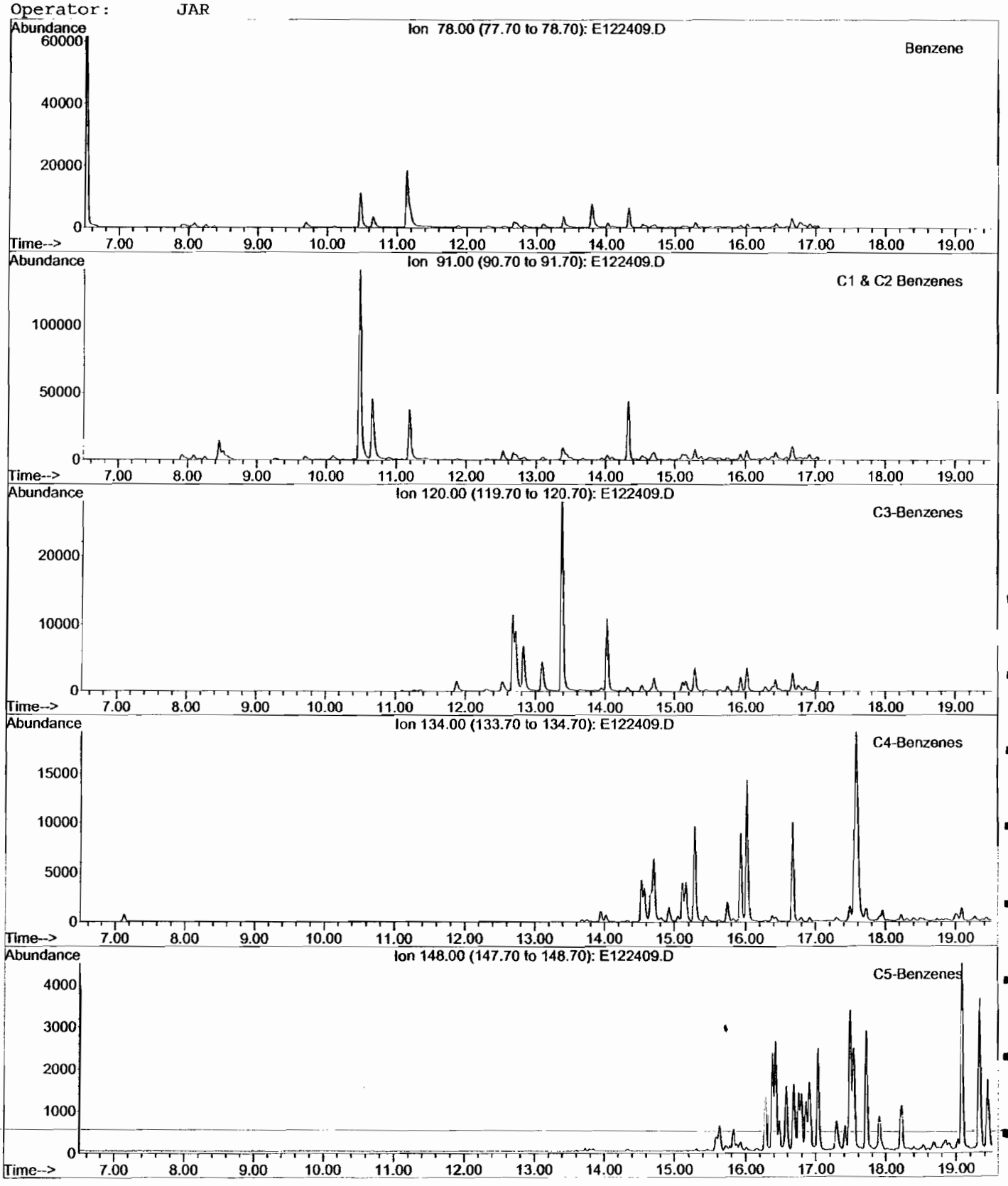
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Date Acquired: 25 Dec 2008 1:14 am
Method File: 4008SIMD.M
Sample Name: PA081212-01DUP
Misc Info: Duplicate of MW-T3
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

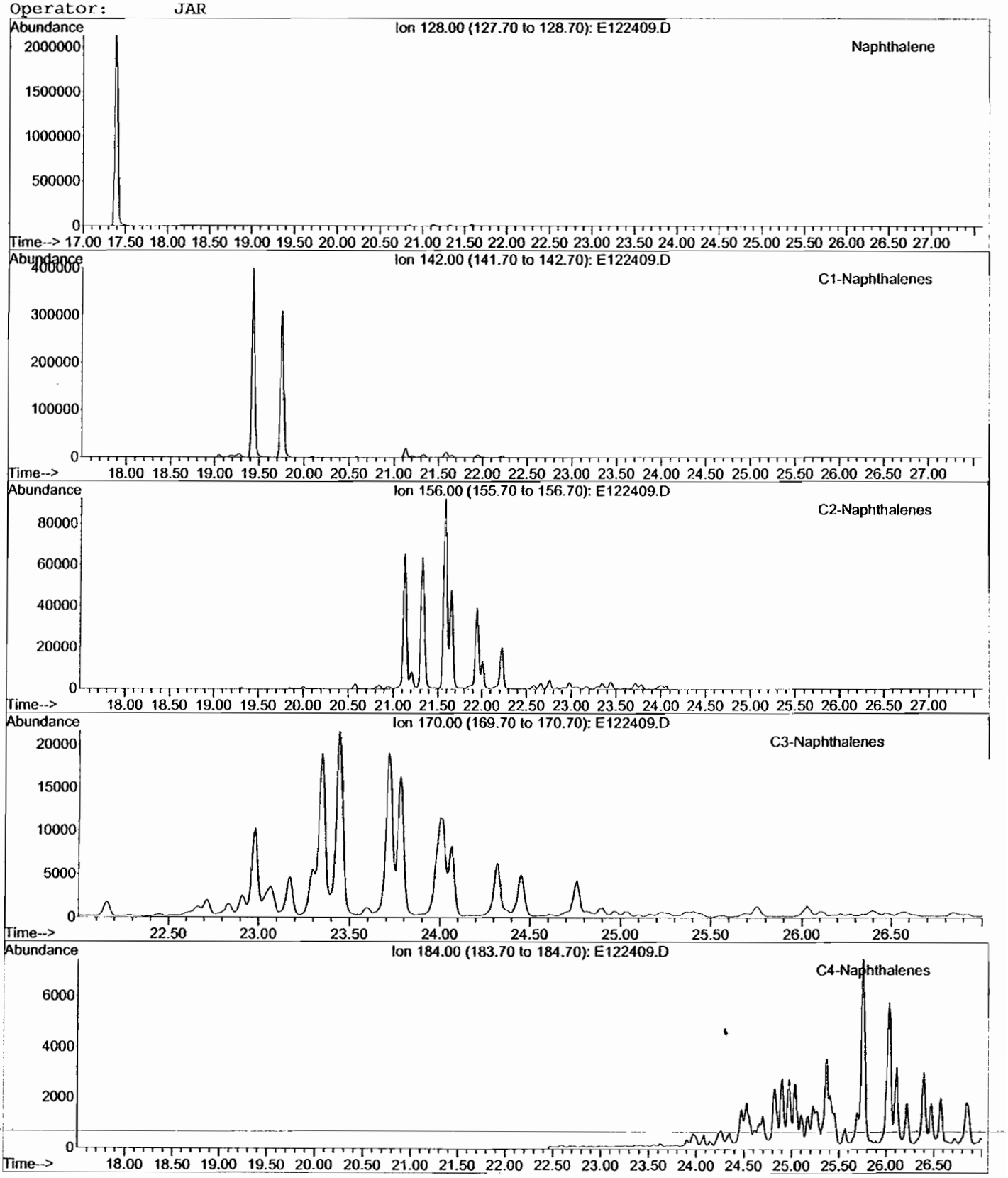
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Sample Name: PA081212-01DUP
Misc Info: Duplicate of MW-T3
Operator: JAR



META Environmental, Inc.

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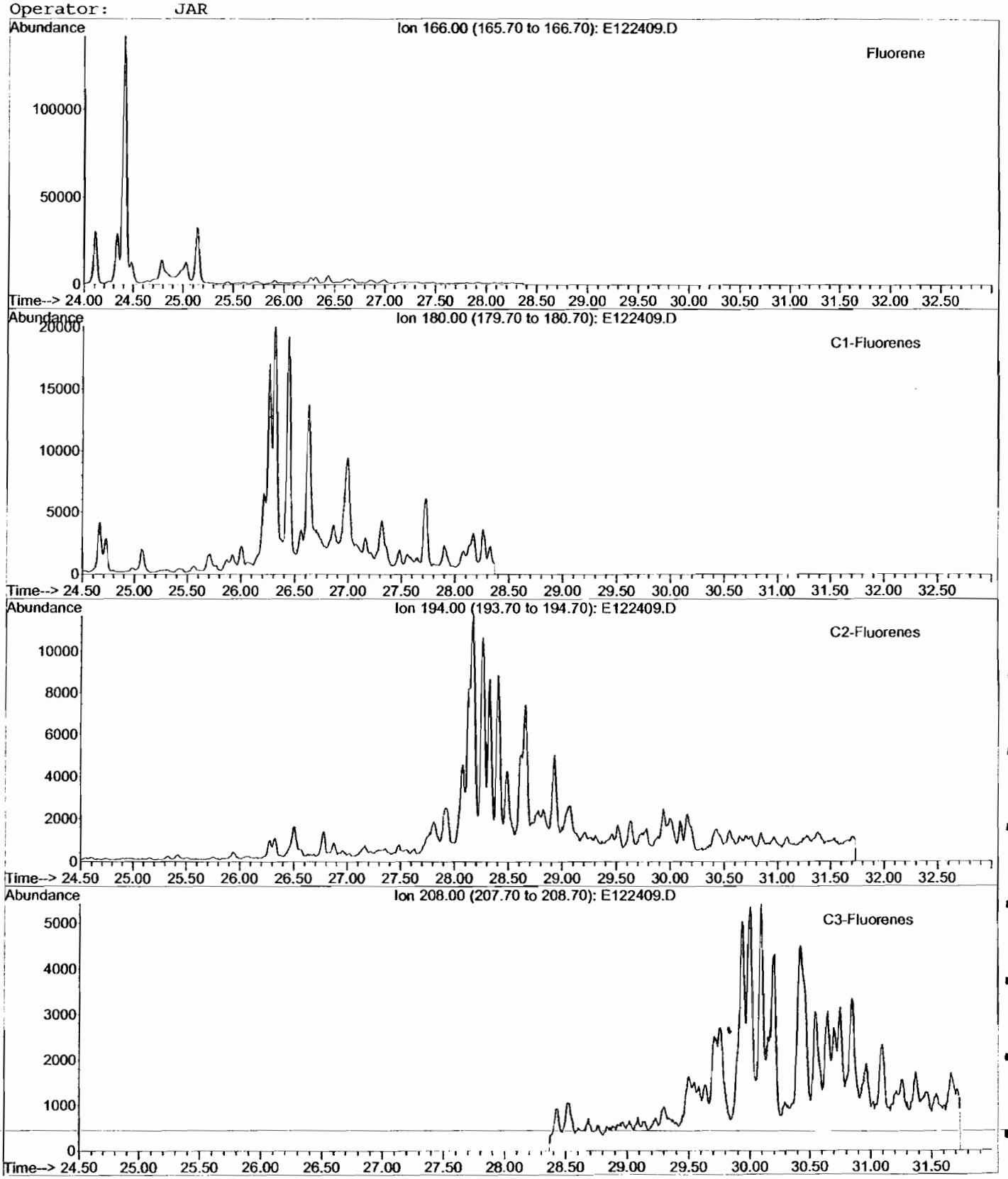
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META Environmental, Inc.

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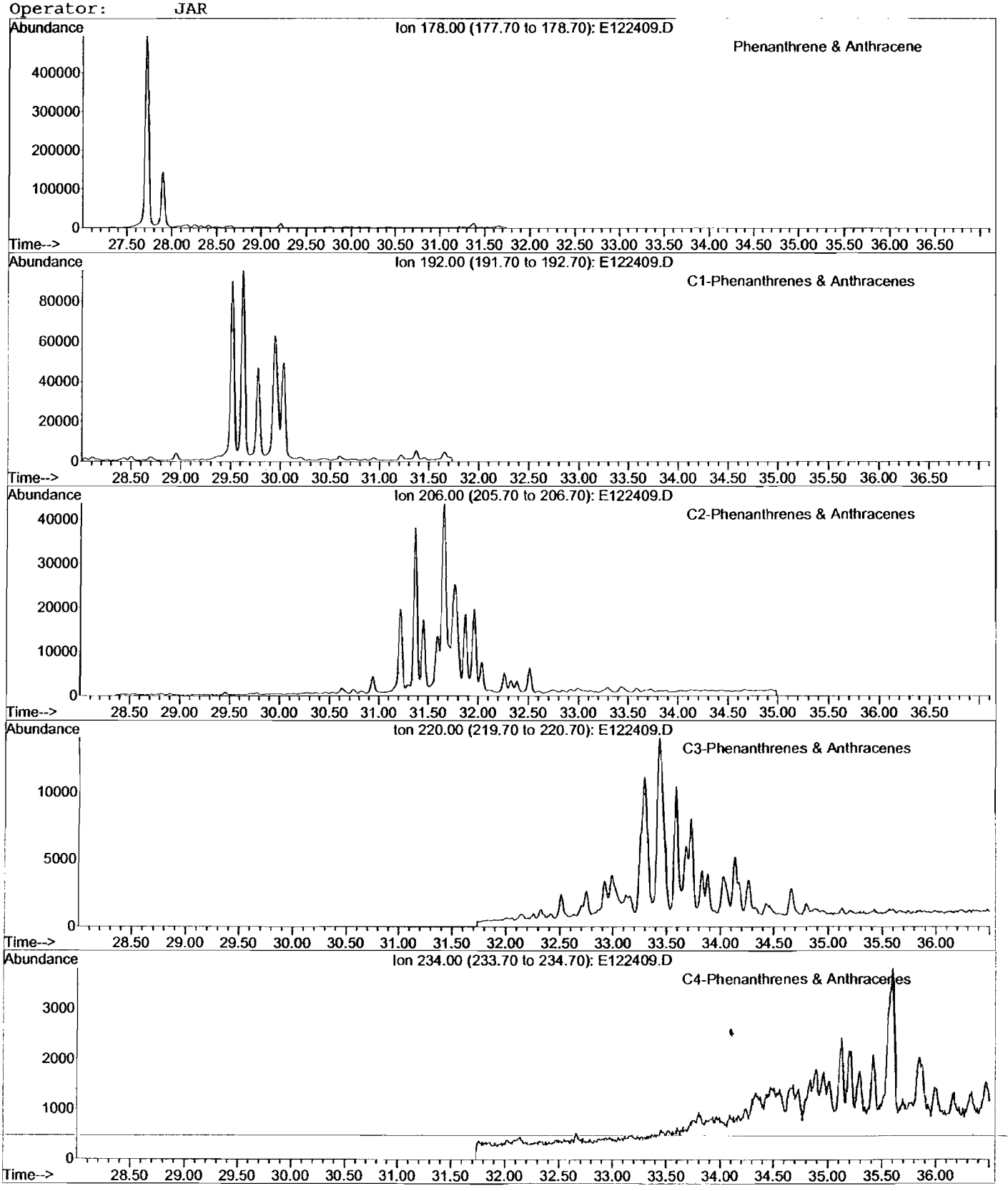
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Misc Info: Duplicate of MW-T3
Operator: JAR



META Environmental, Inc.

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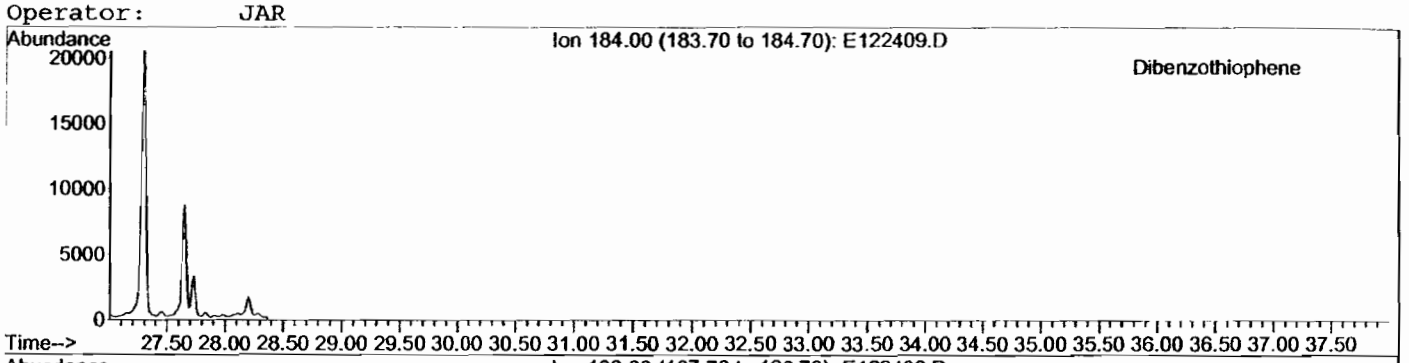
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Sample Name: PA081212-01DUP
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Operator: JAR

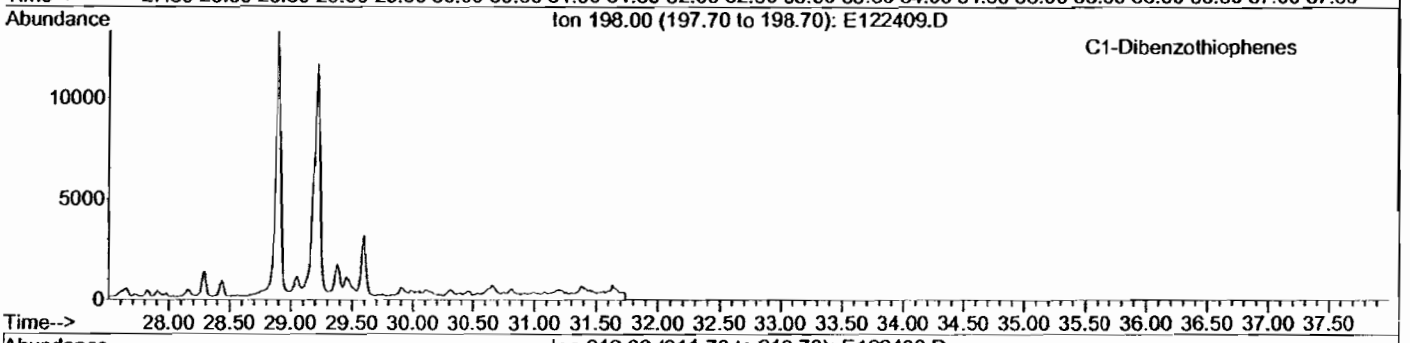


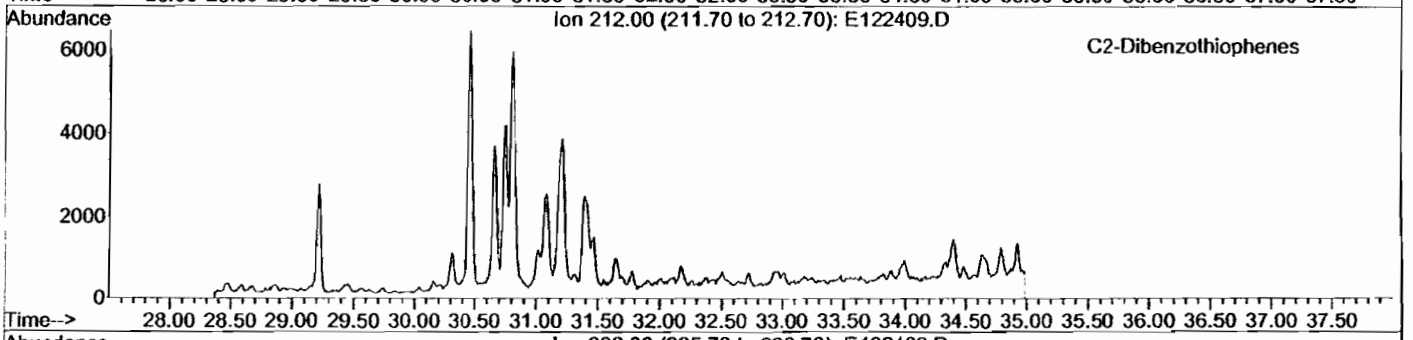
META Environmental, Inc.

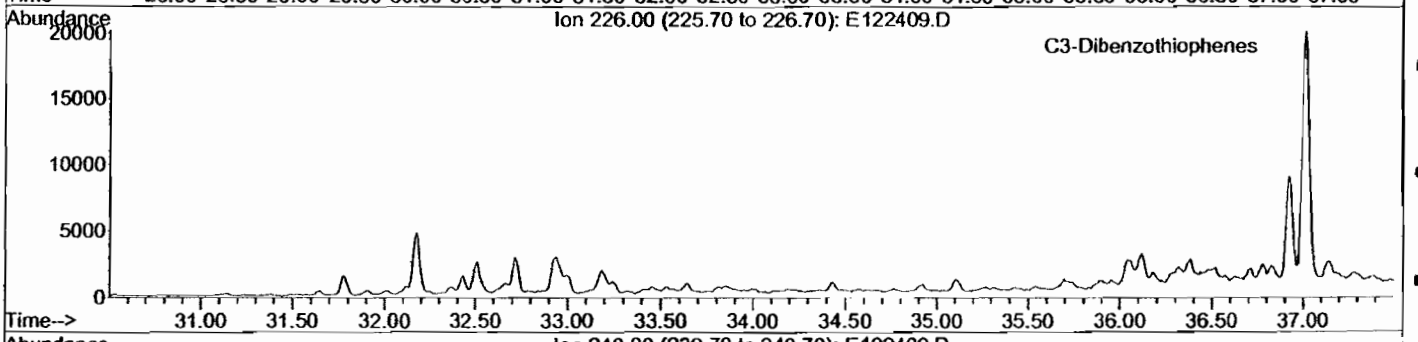
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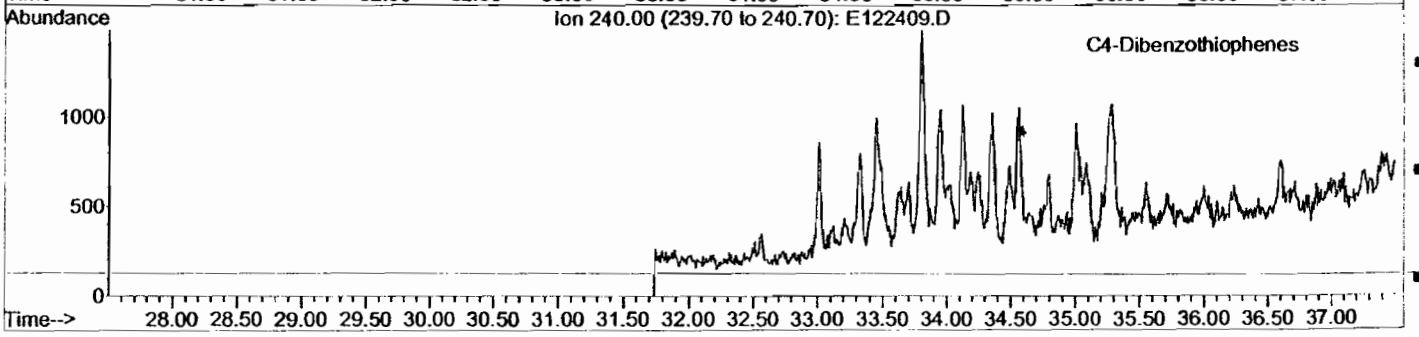
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Sample Name: PA081212-01DUP
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Operator: JAR







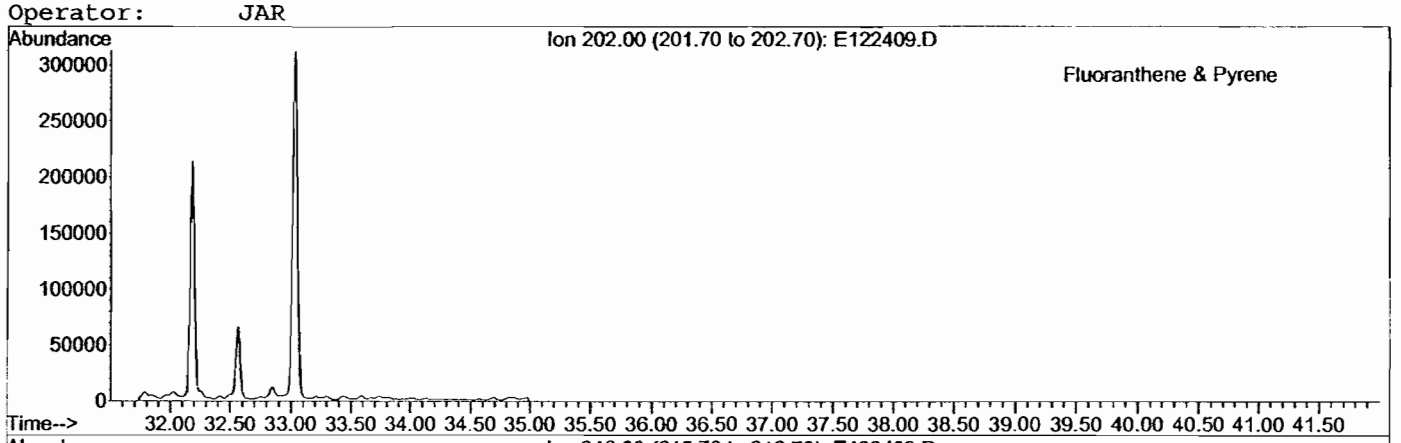


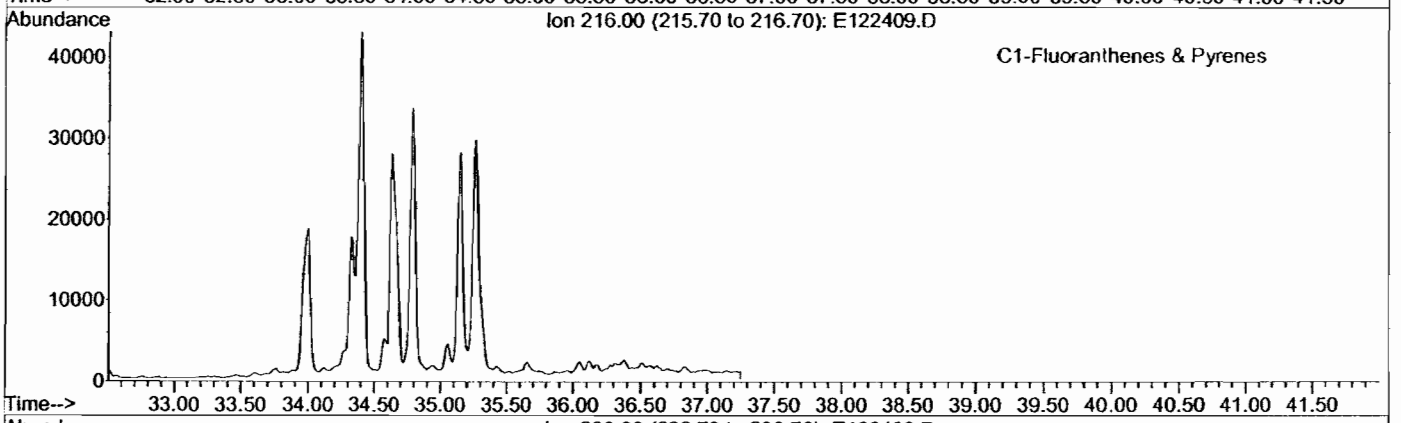


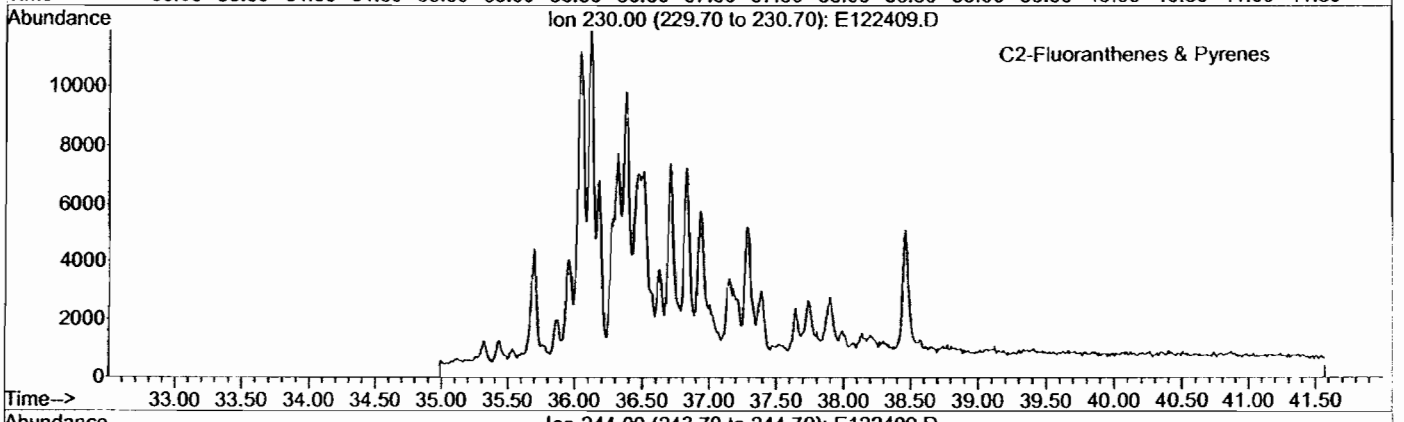
META Environmental, Inc.

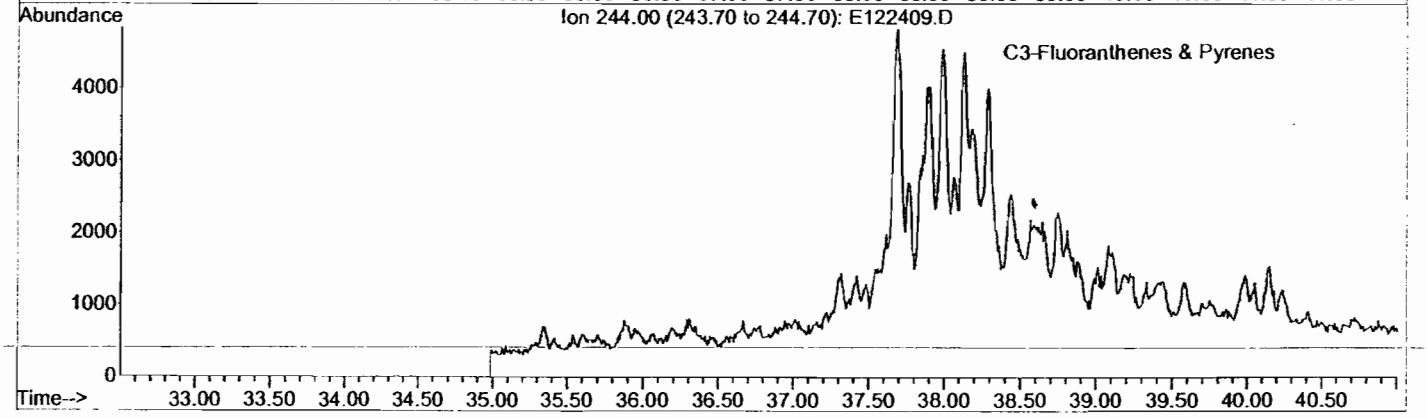
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Sample Name: PA081212-01DUP
Misc Info: Duplicate of MW-T3
Operator: JAR





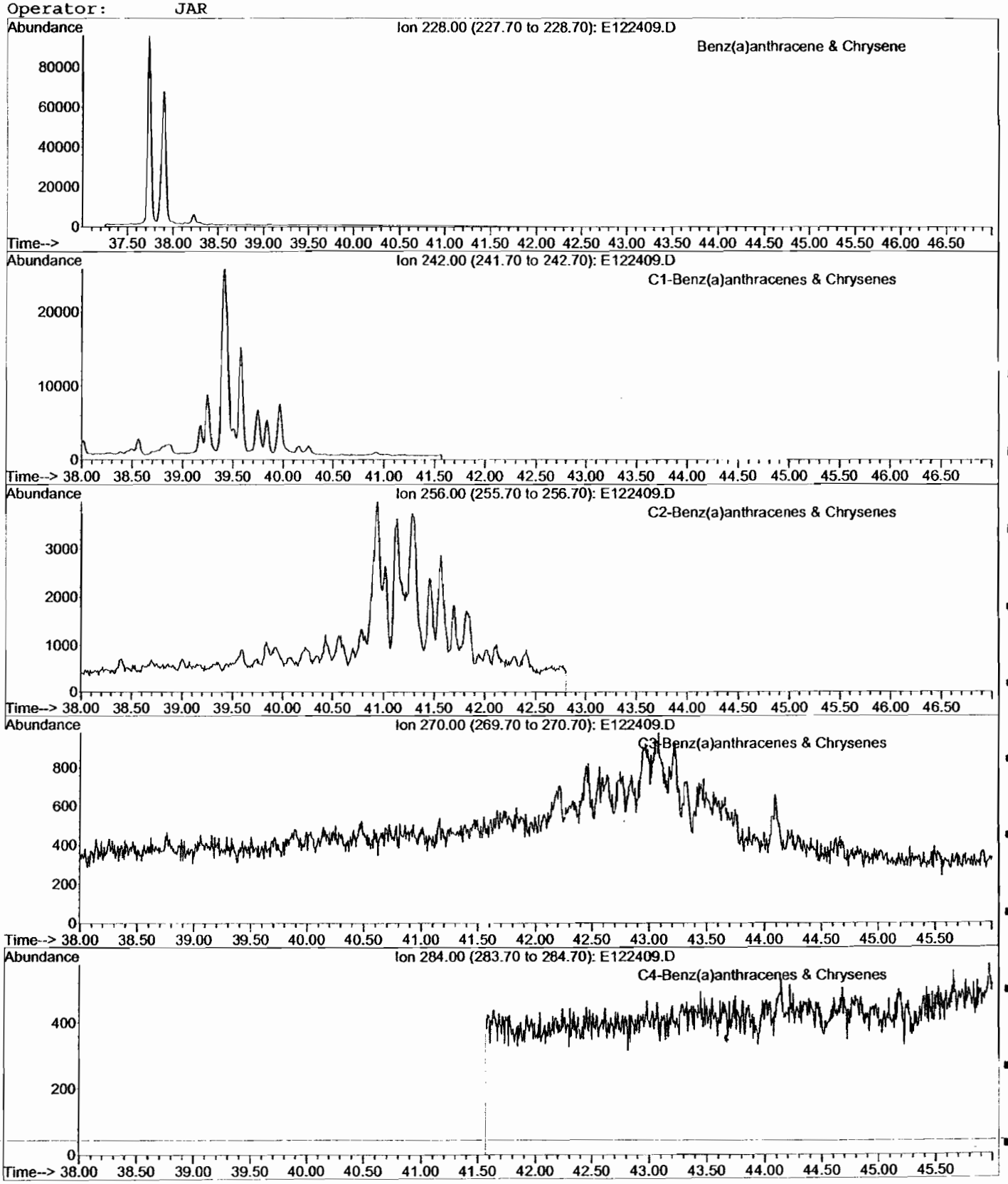




META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

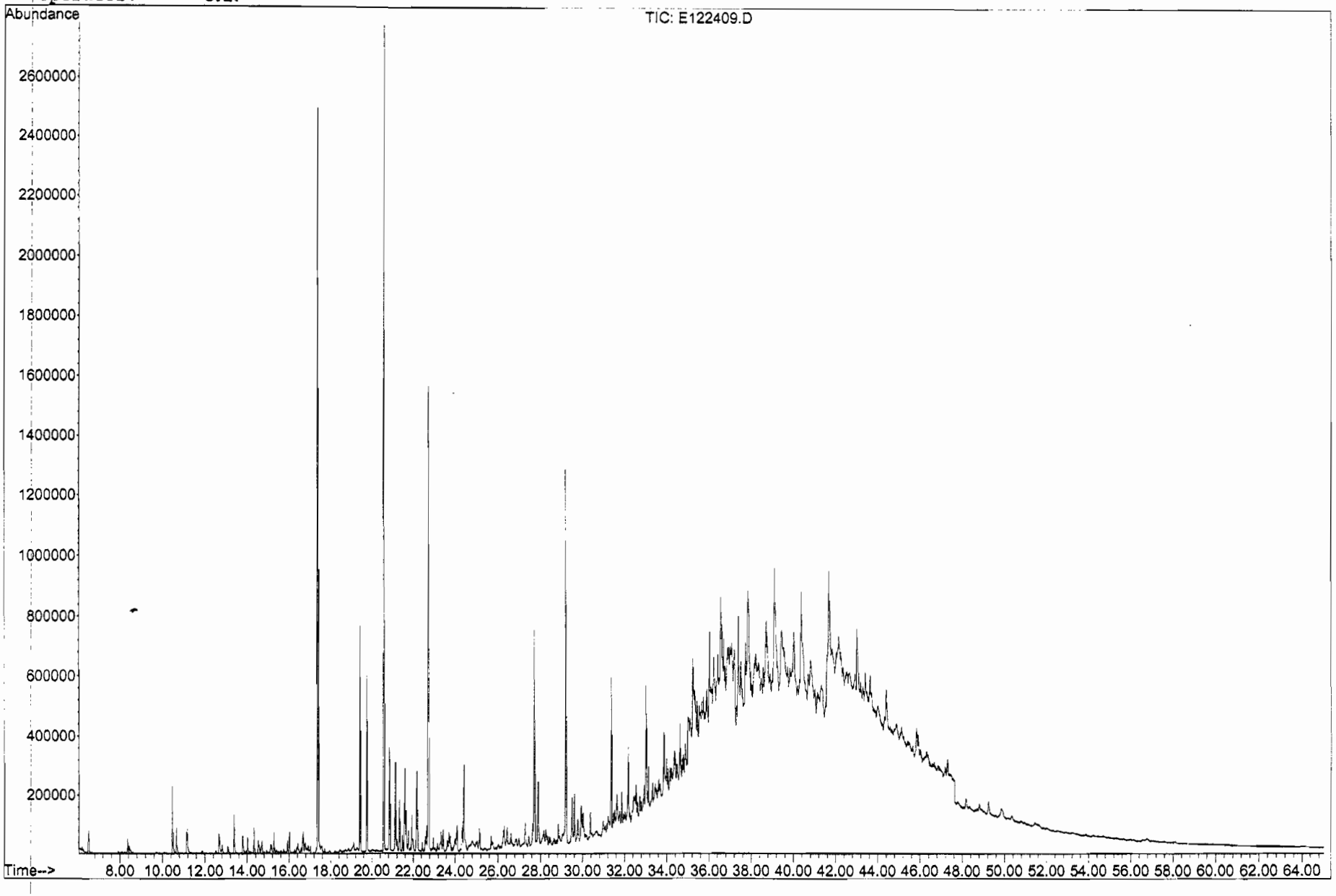
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Misc Info: Duplicate of MW-T3
Operator: JAR



META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

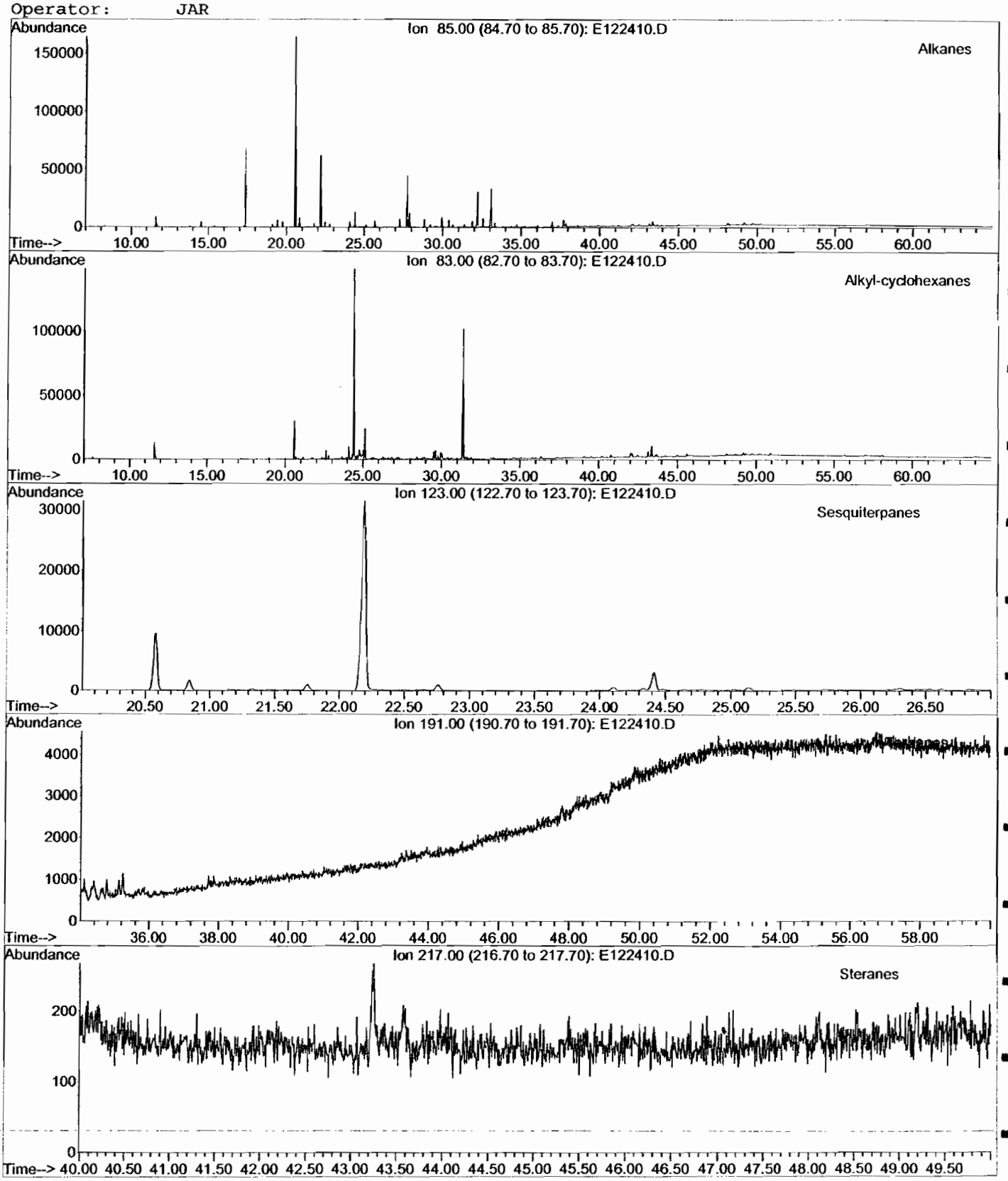
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Sample Name: PA081212-01DUP
Misc Info: Duplicate of MW-T3
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

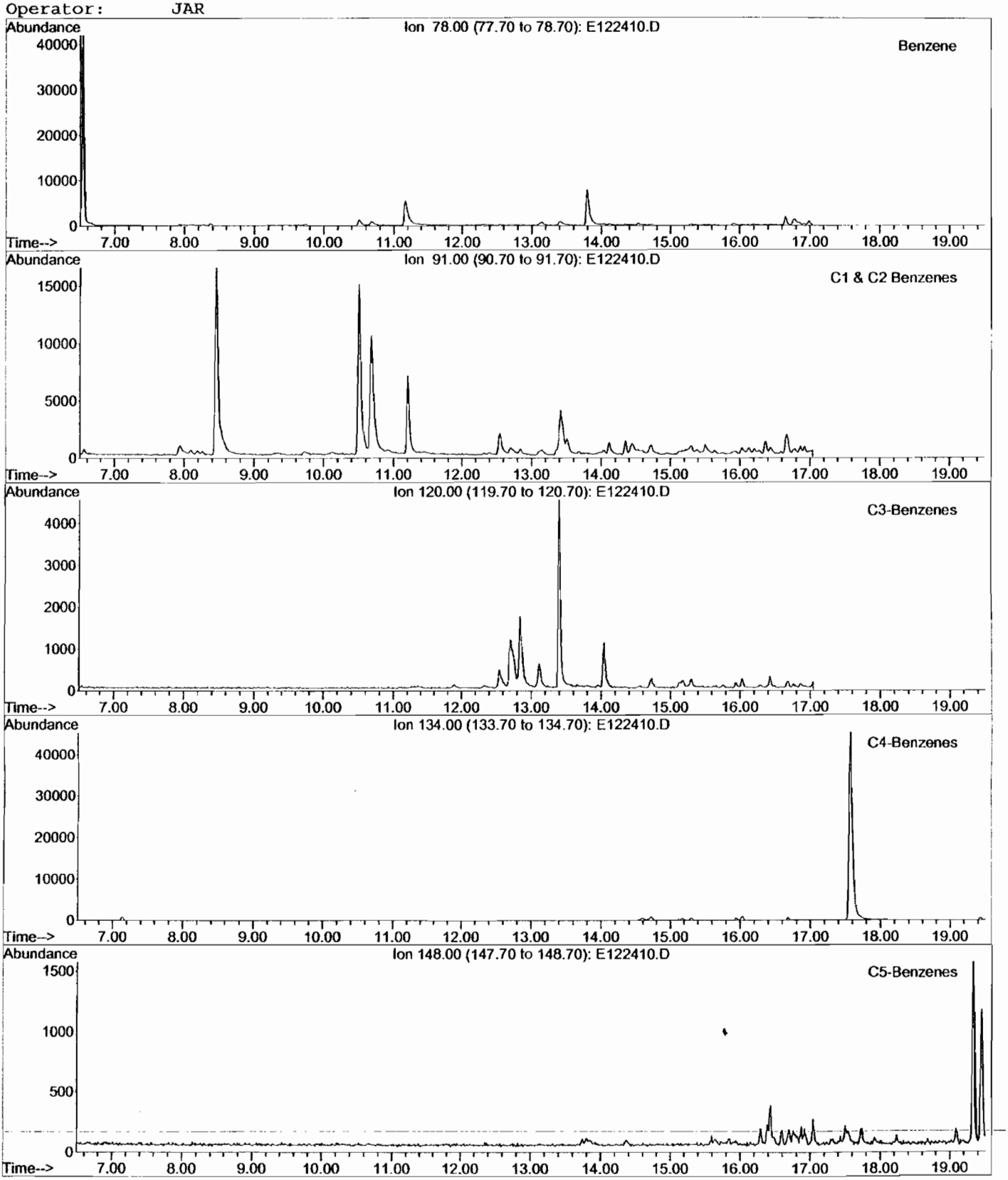
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Sample Name: PA081219-01
Misc Info: SB-13 (14.5-15.0')
Operator: JAR



META Environmental, Inc.

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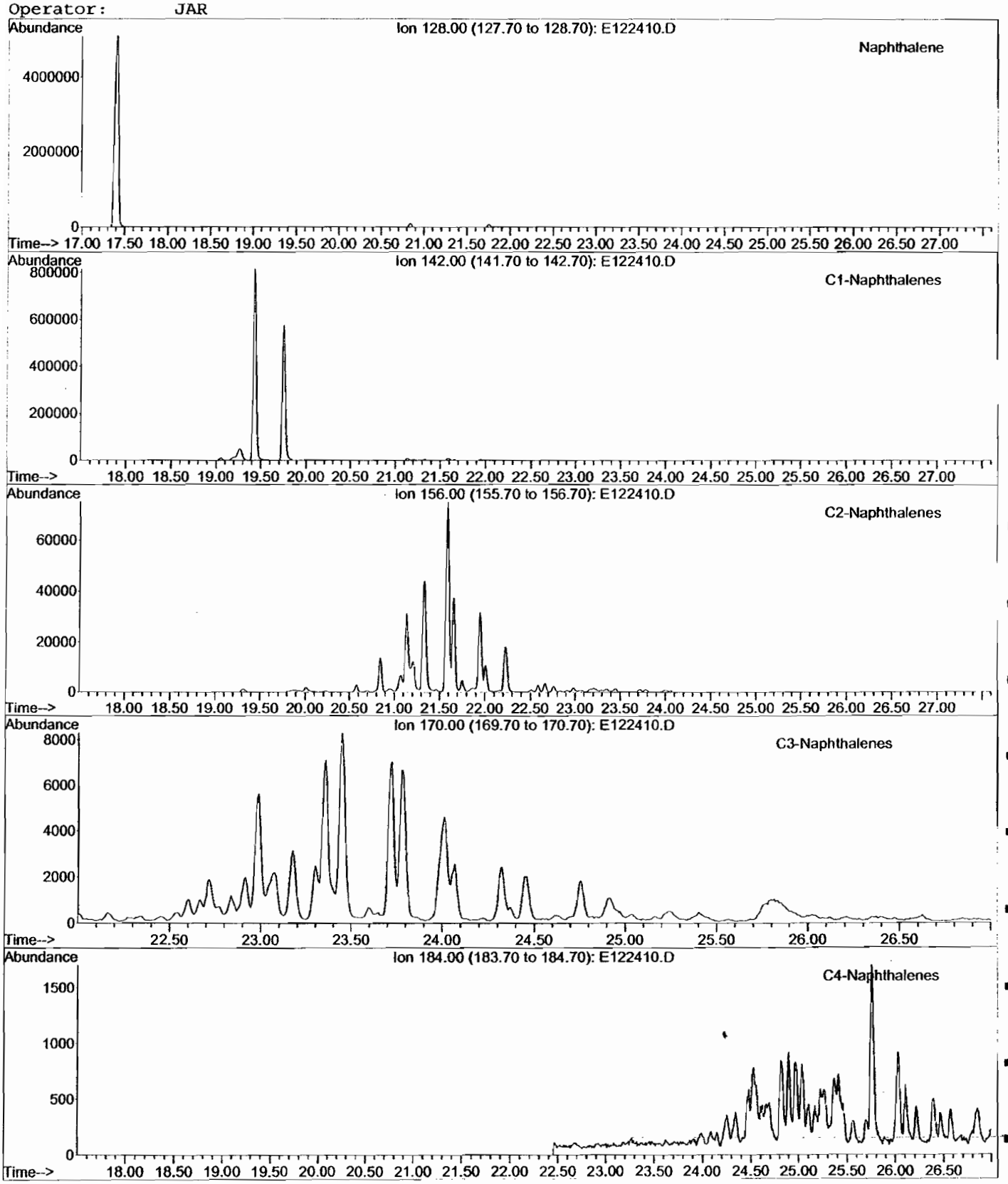
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Misc Info: SB-13 (14.5-15.0')
Operator: JAR



META Environmental, Inc.

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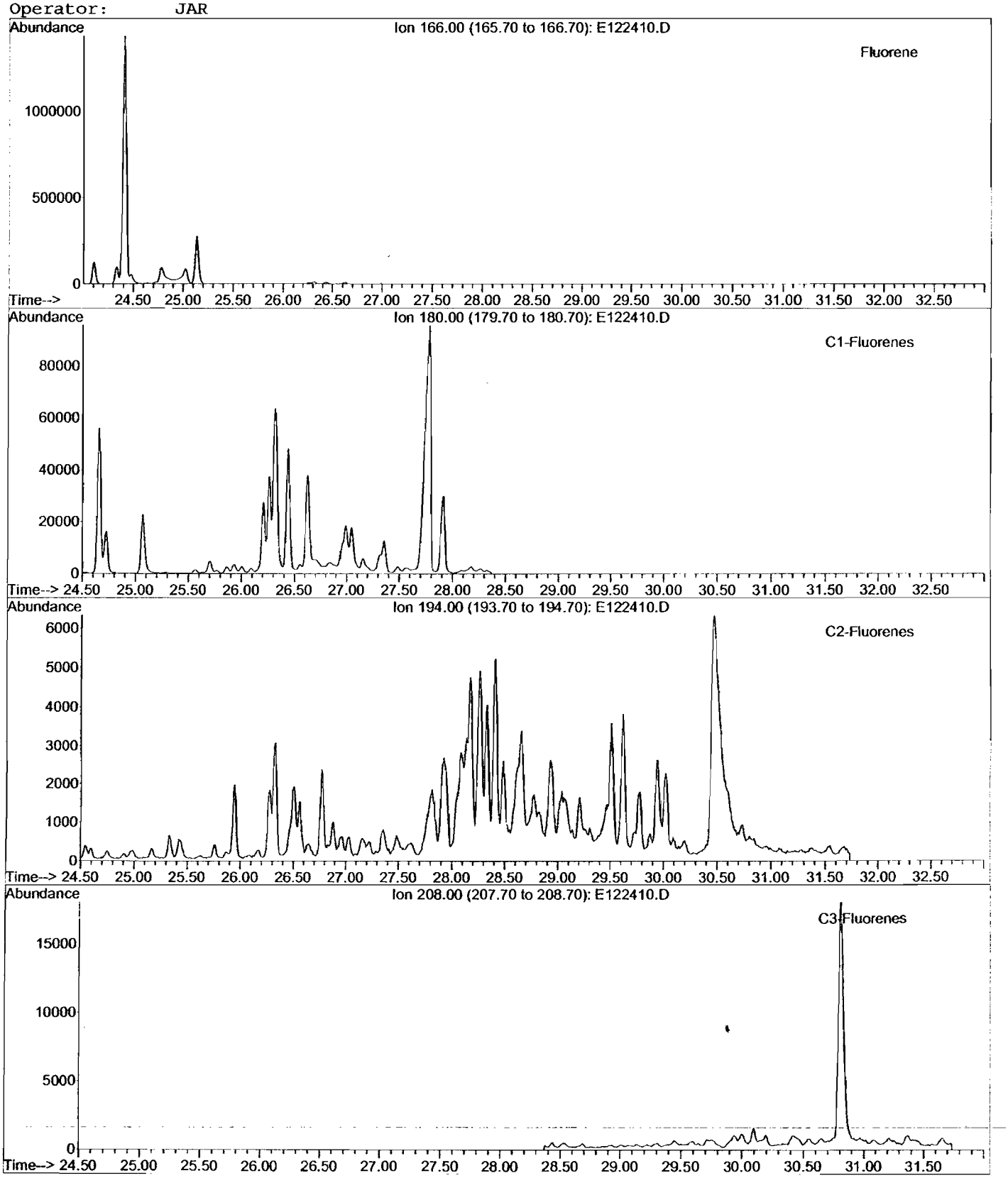
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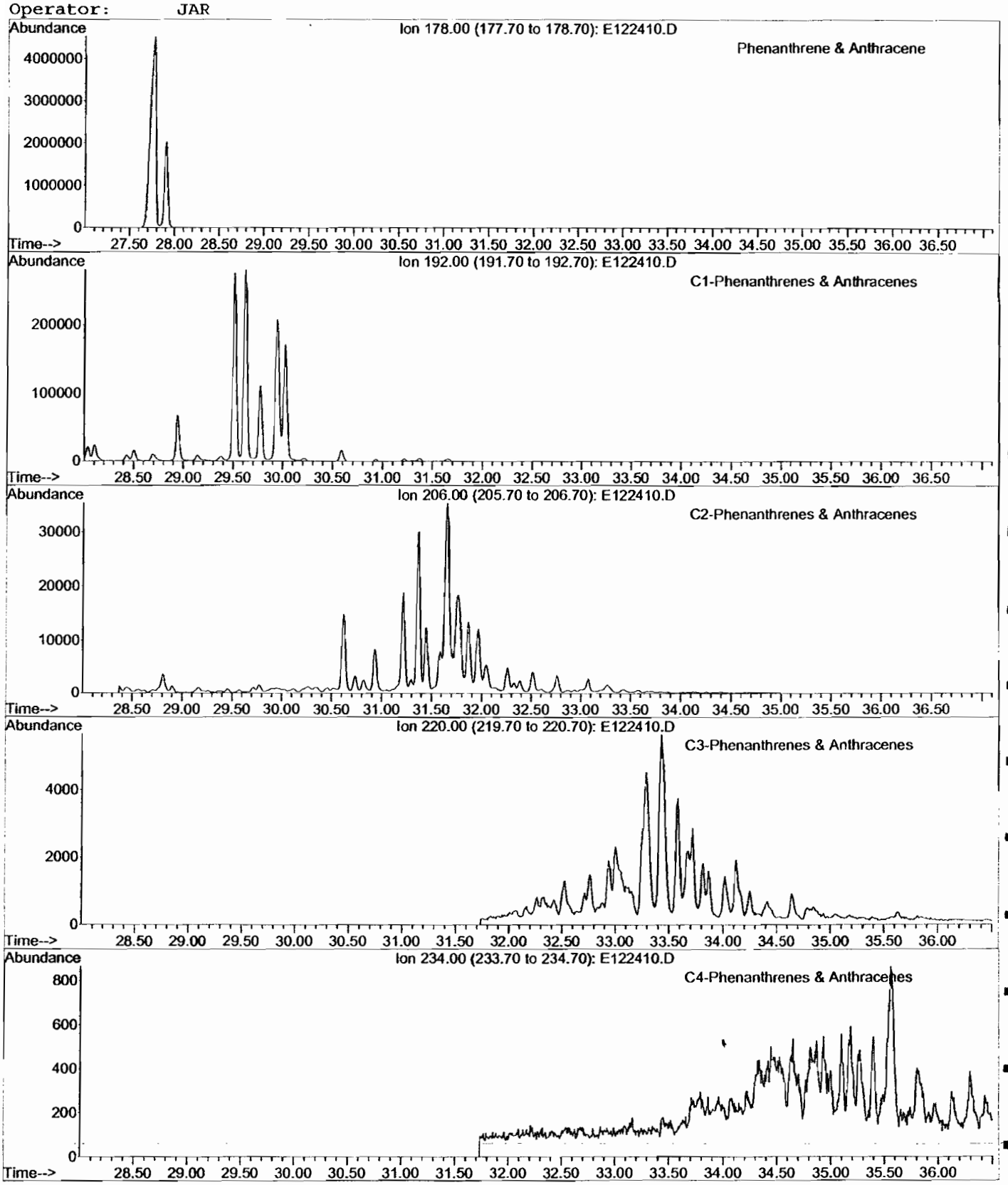
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META Environmental, Inc.

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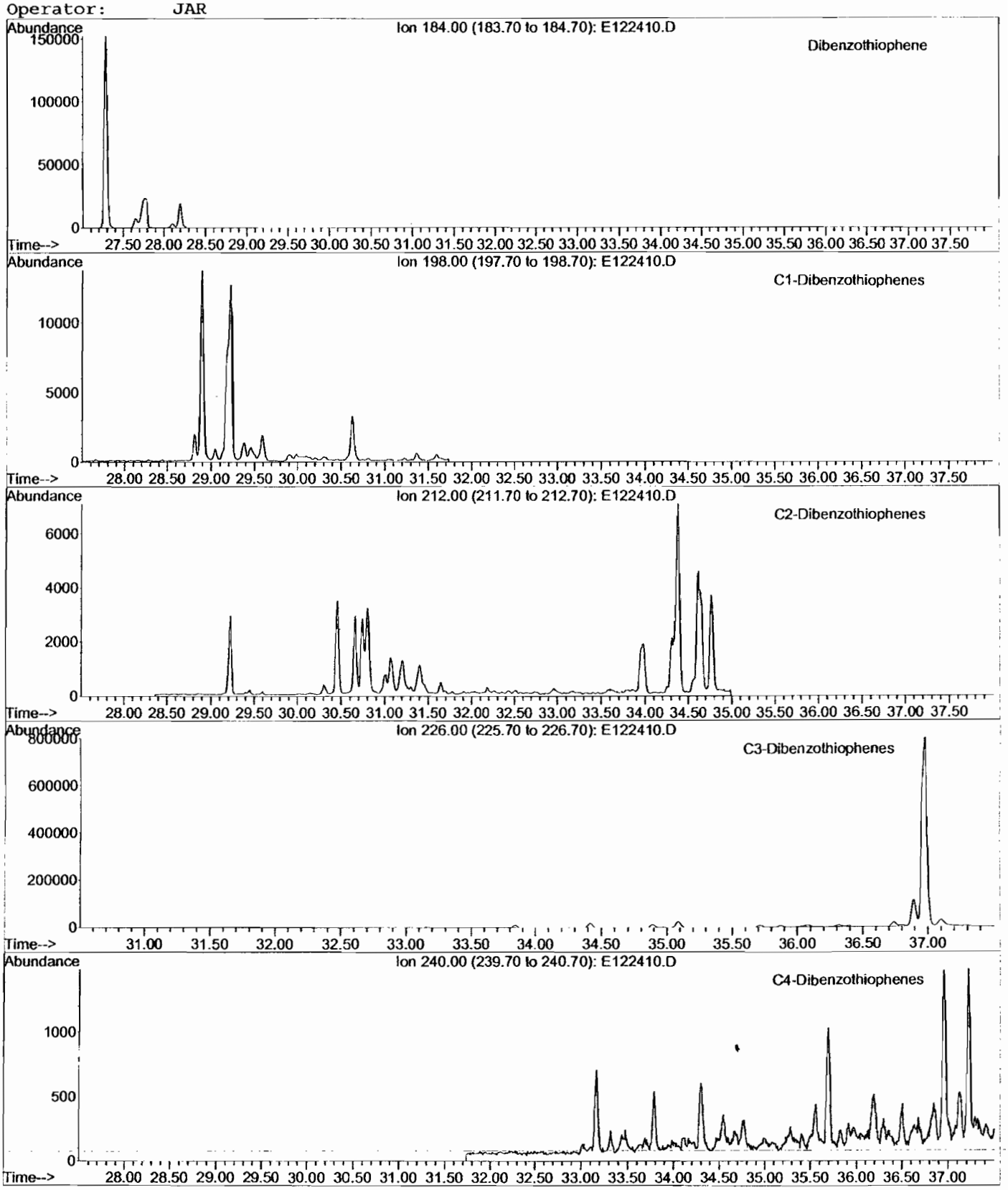
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META Environmental, Inc.

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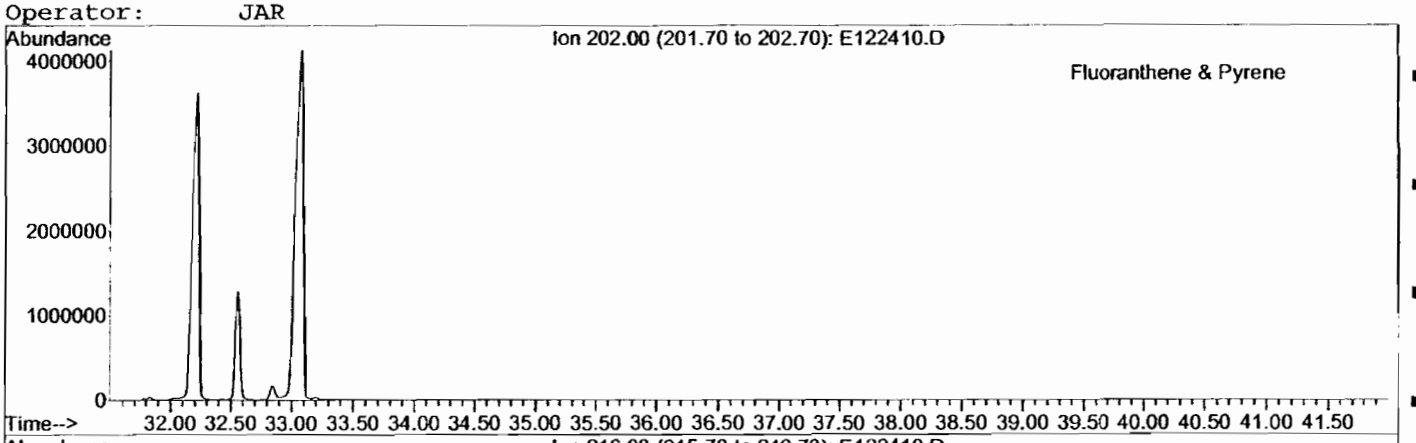
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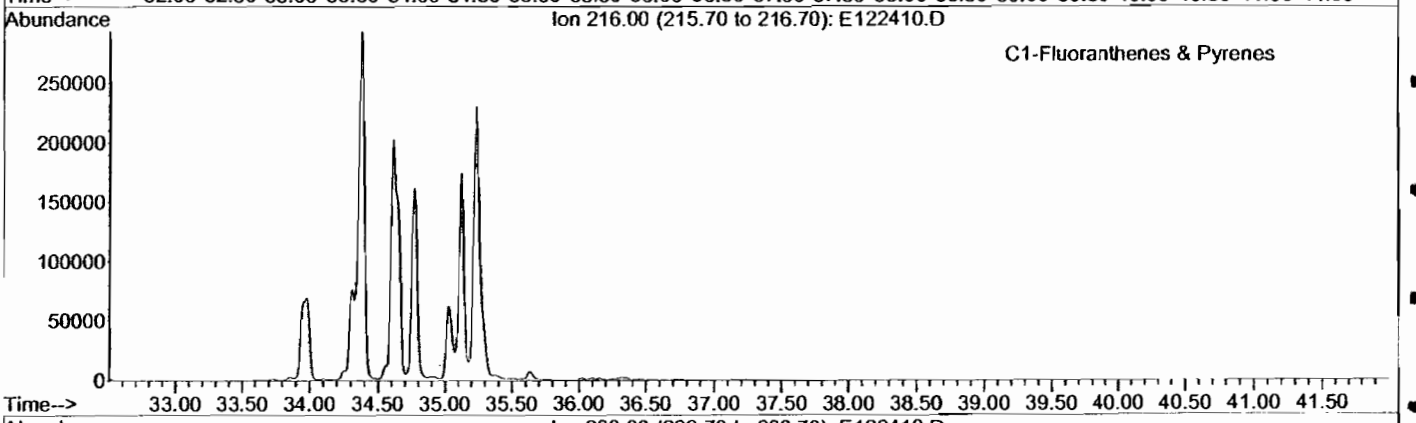


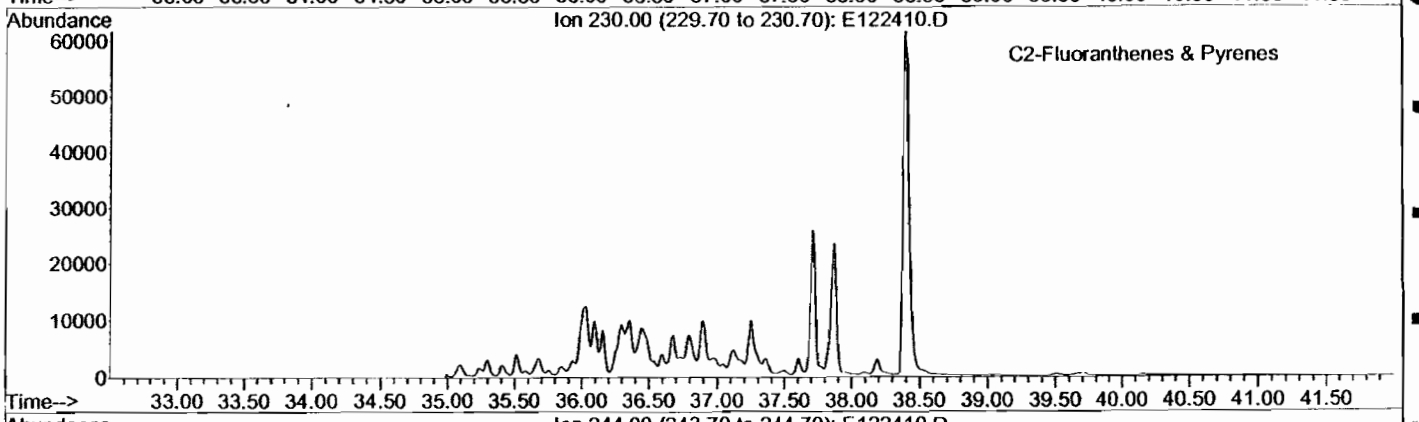
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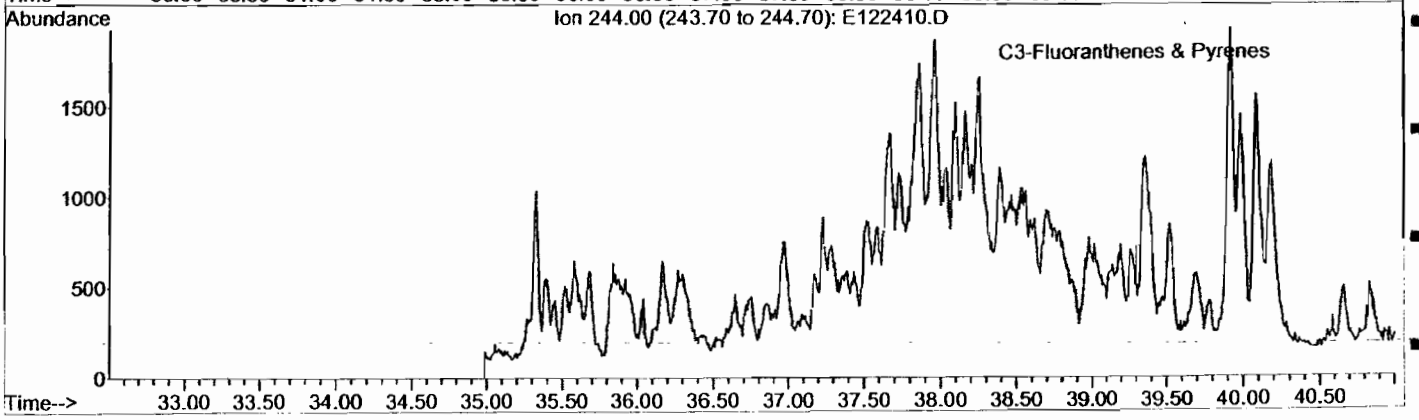
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Misc Info: SB-13 (14.5-15.0')
Operator: JAR





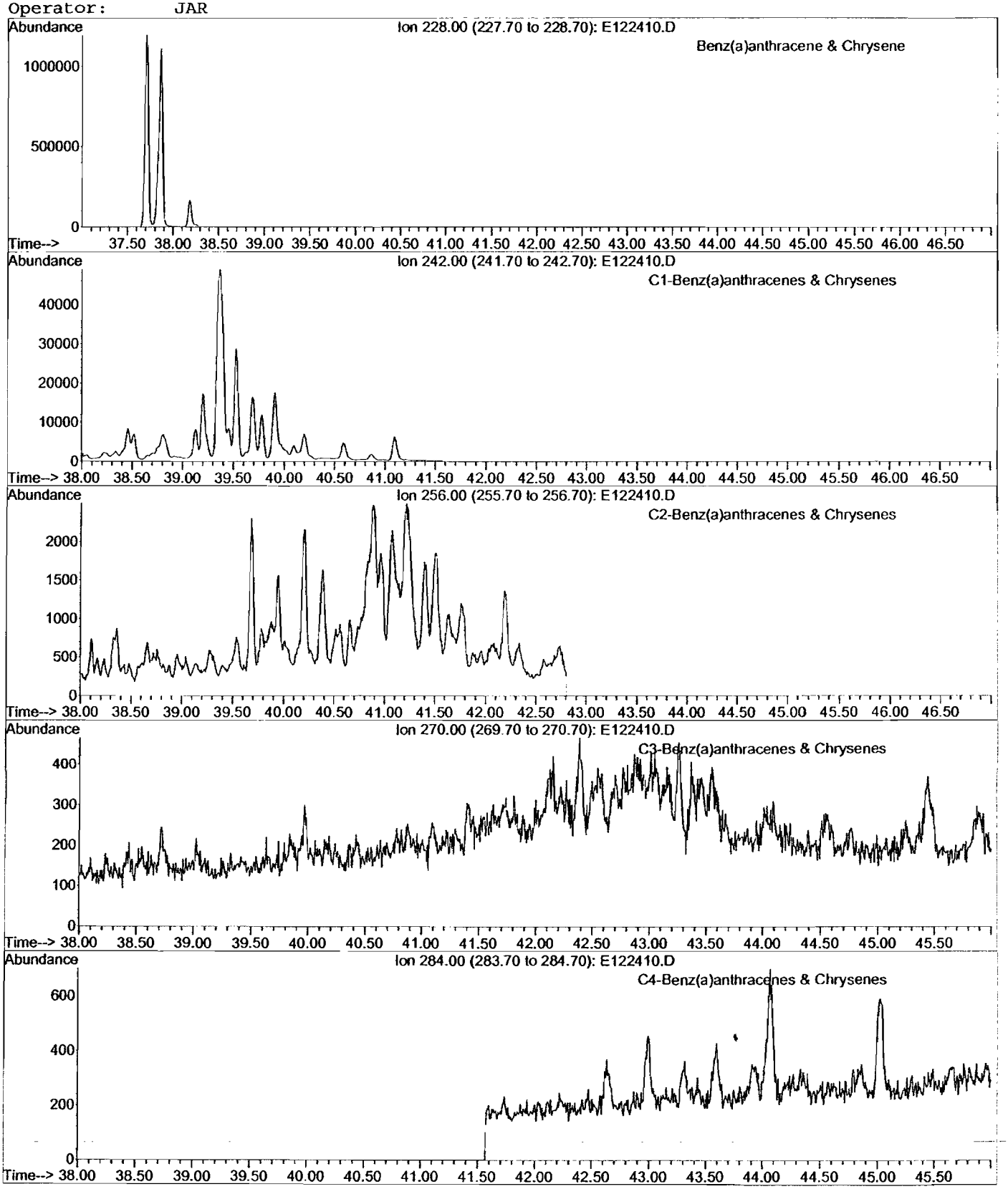




META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

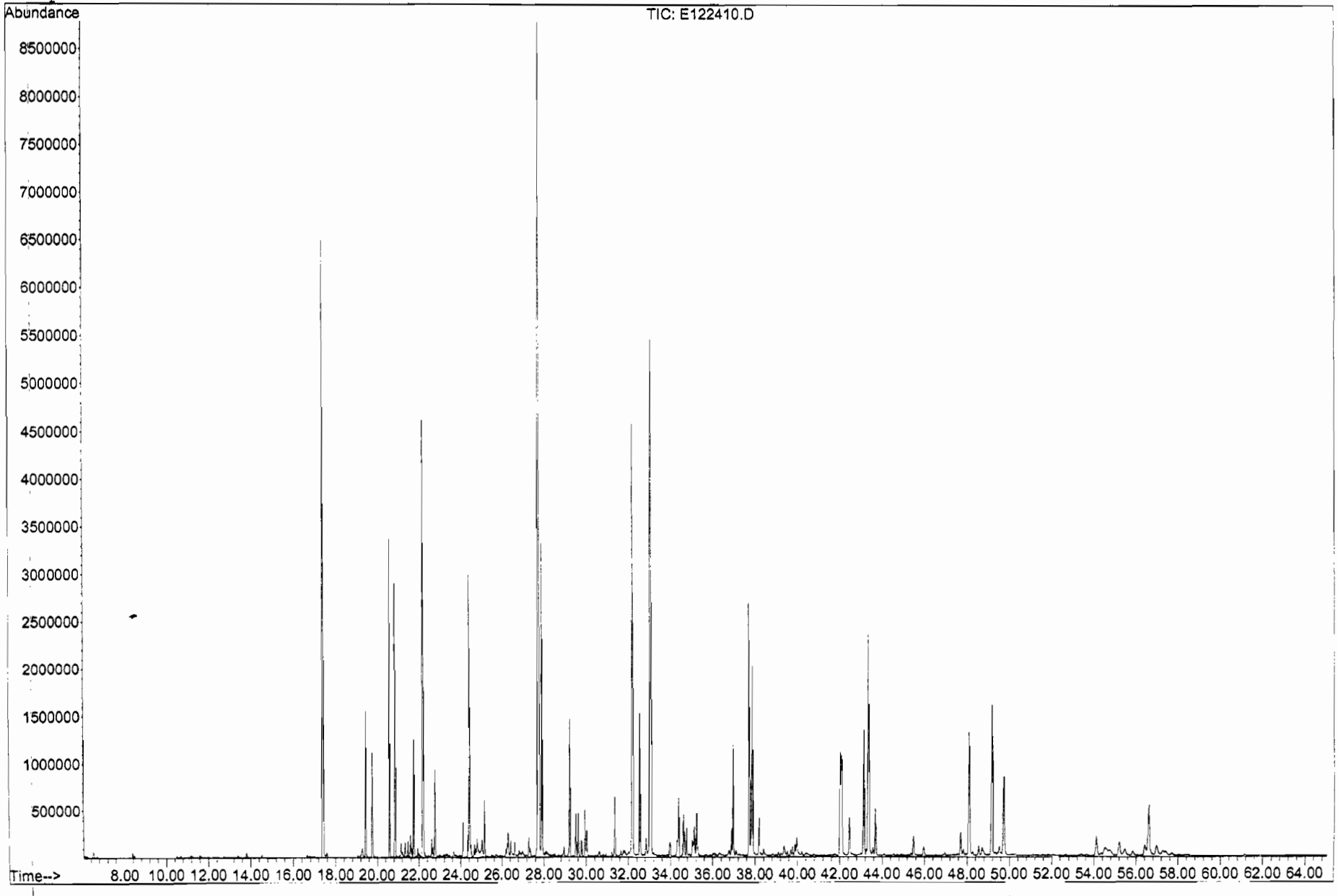
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Misc Info: SB-13 (14.5-15.0')
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META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

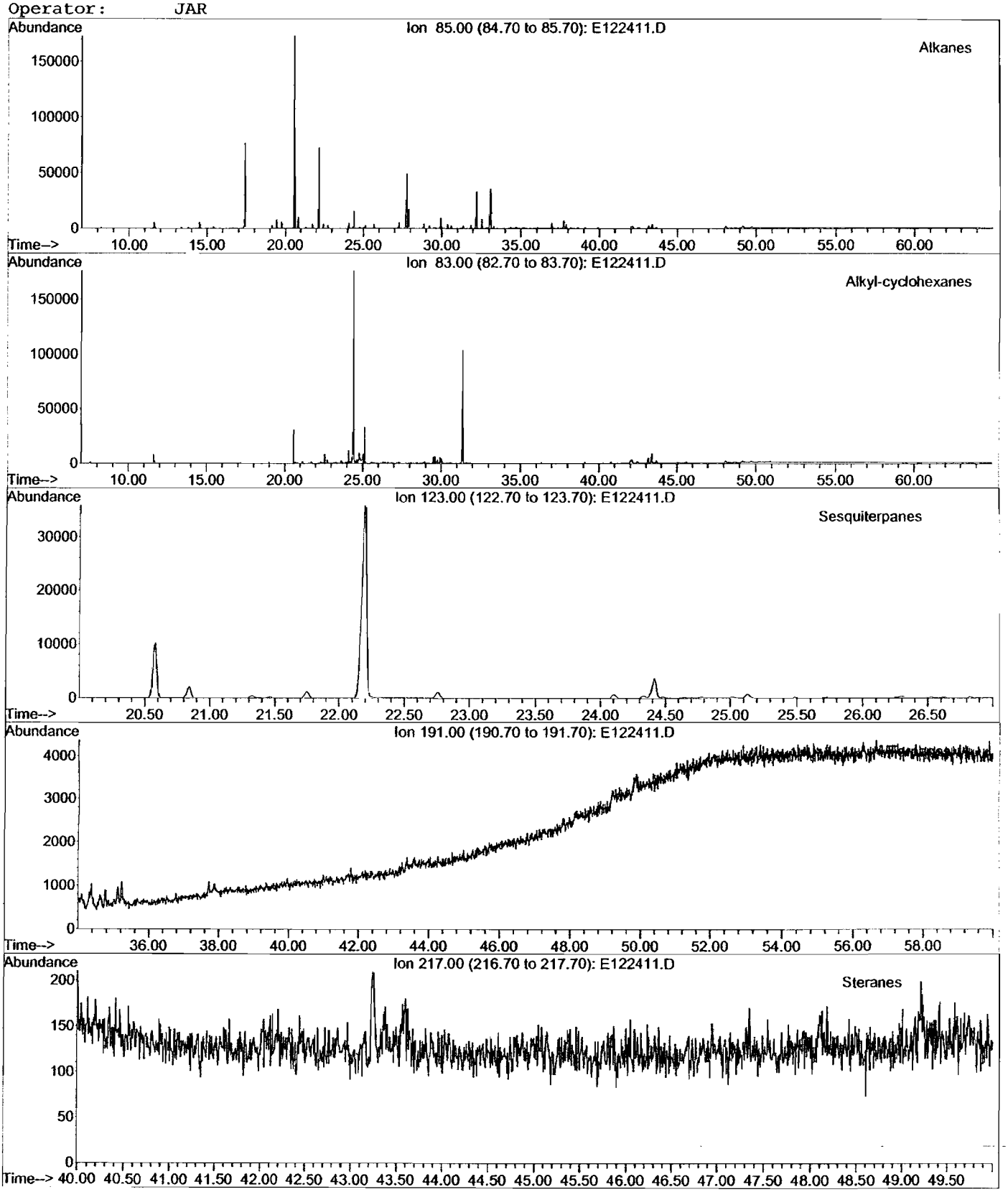
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Sample Name: PA081219-01
Misc Info: SB-13 (14.5-15.0')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

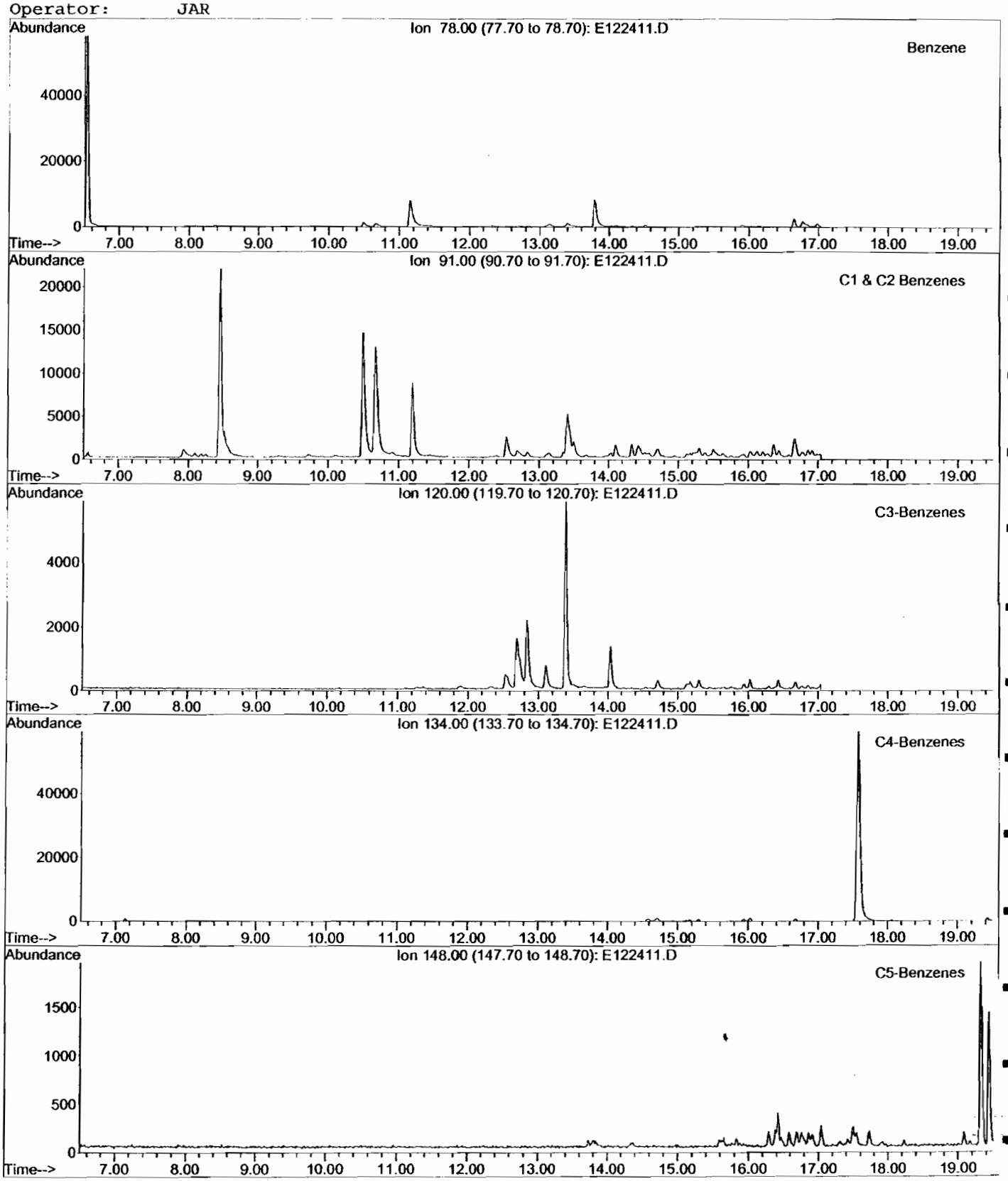
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Sample Name: PA081219-01DUP
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Operator: JAR



META Environmental, Inc.

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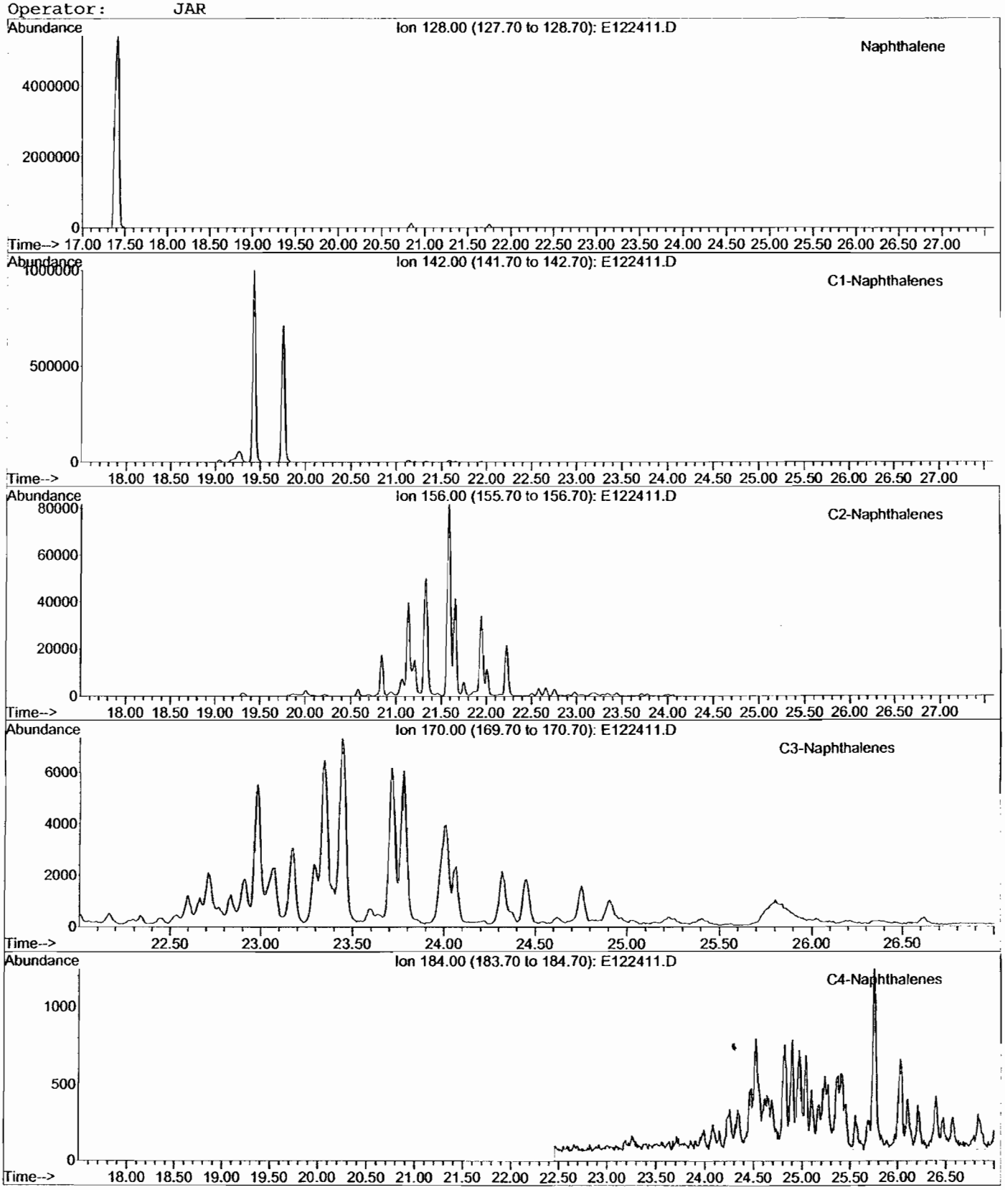
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Operator: JAR



META Environmental, Inc.

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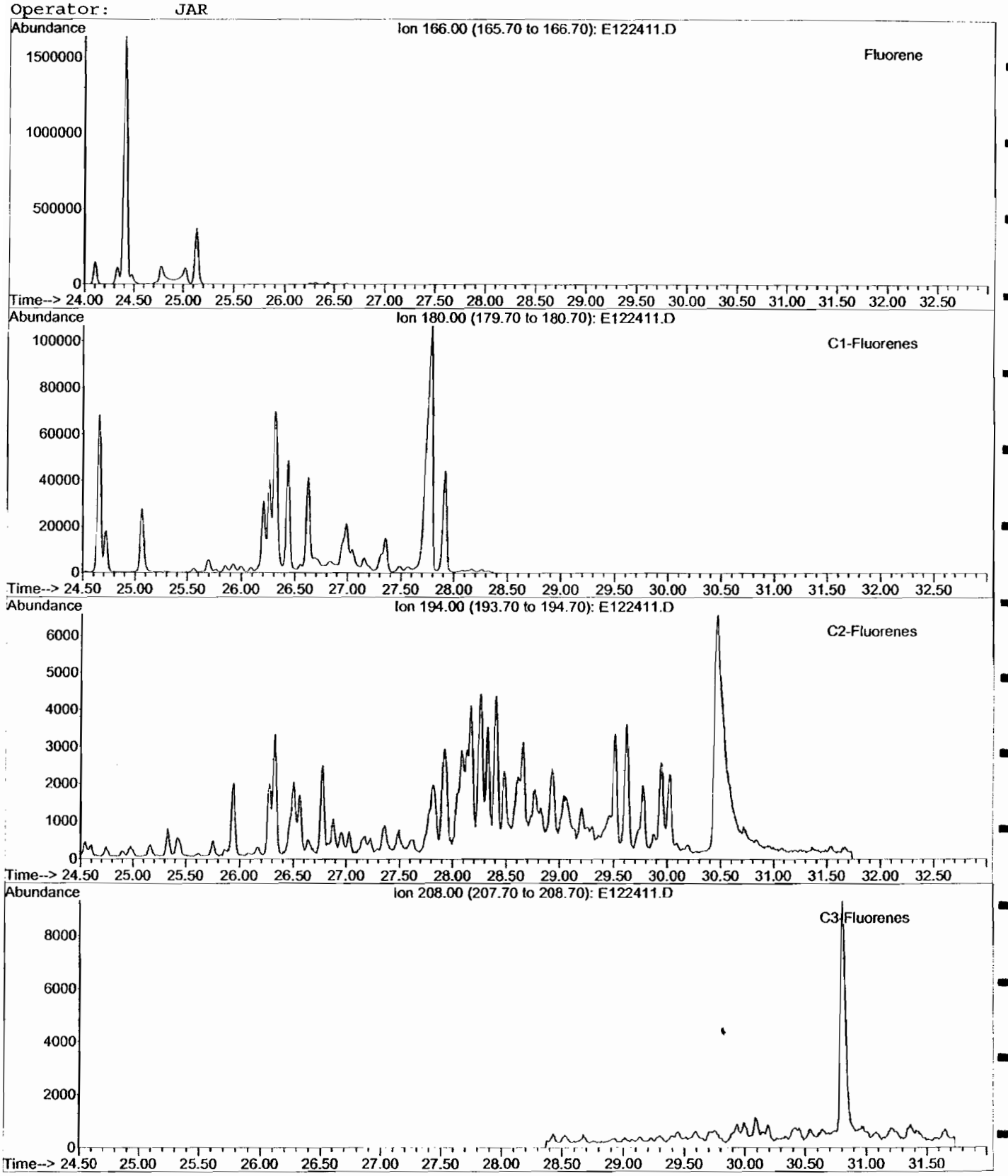
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META Environmental, Inc.

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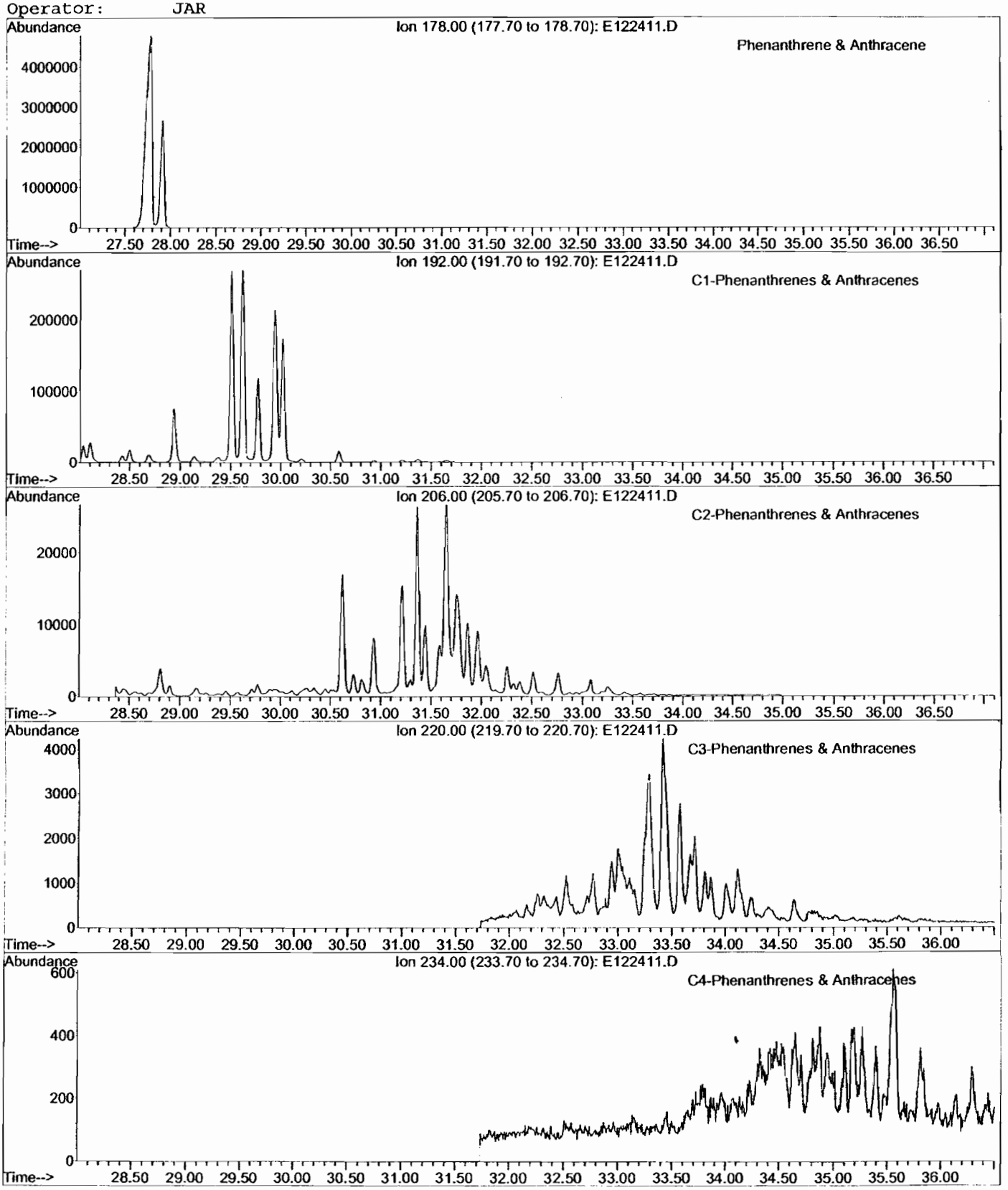
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META Environmental, Inc.

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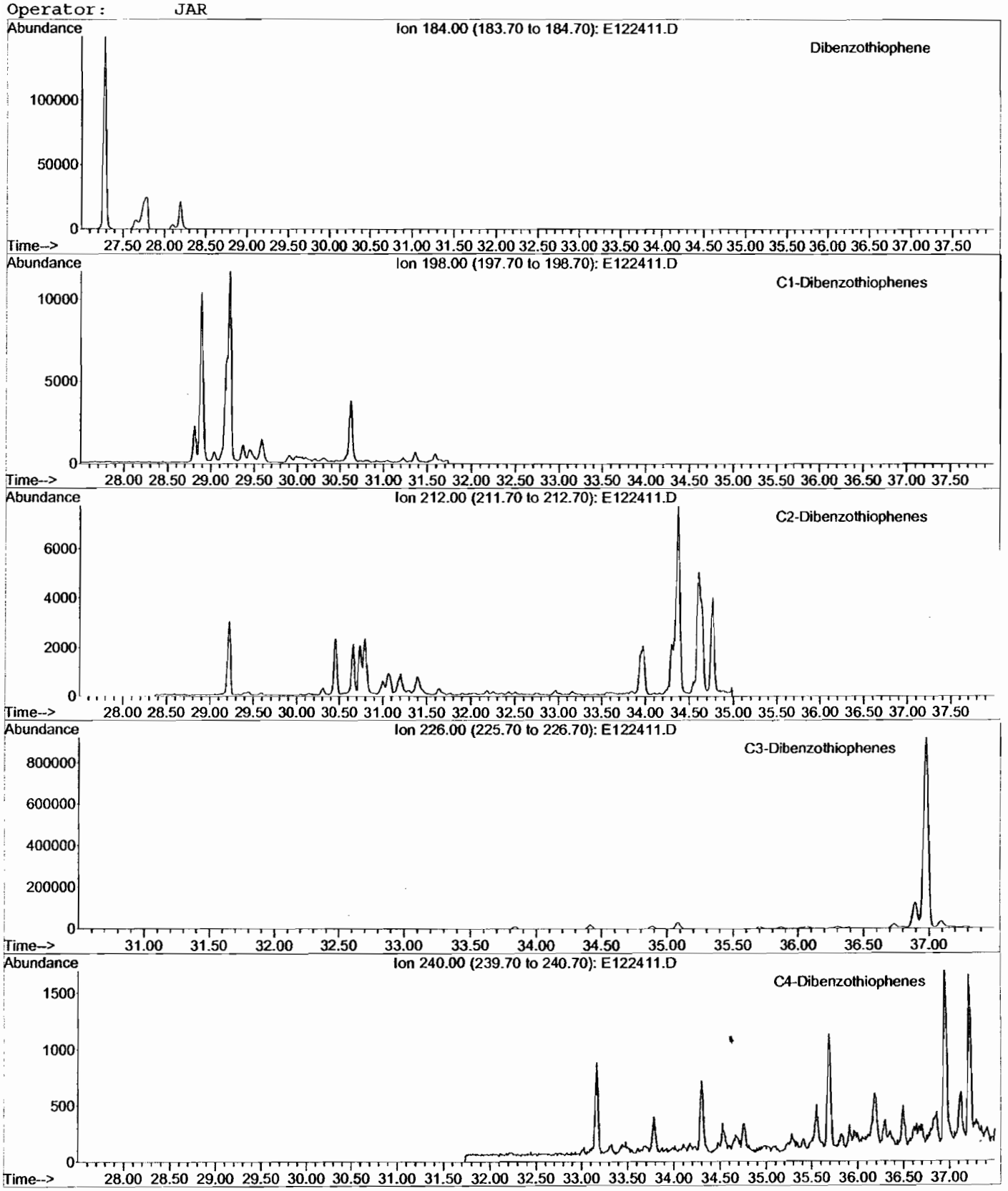
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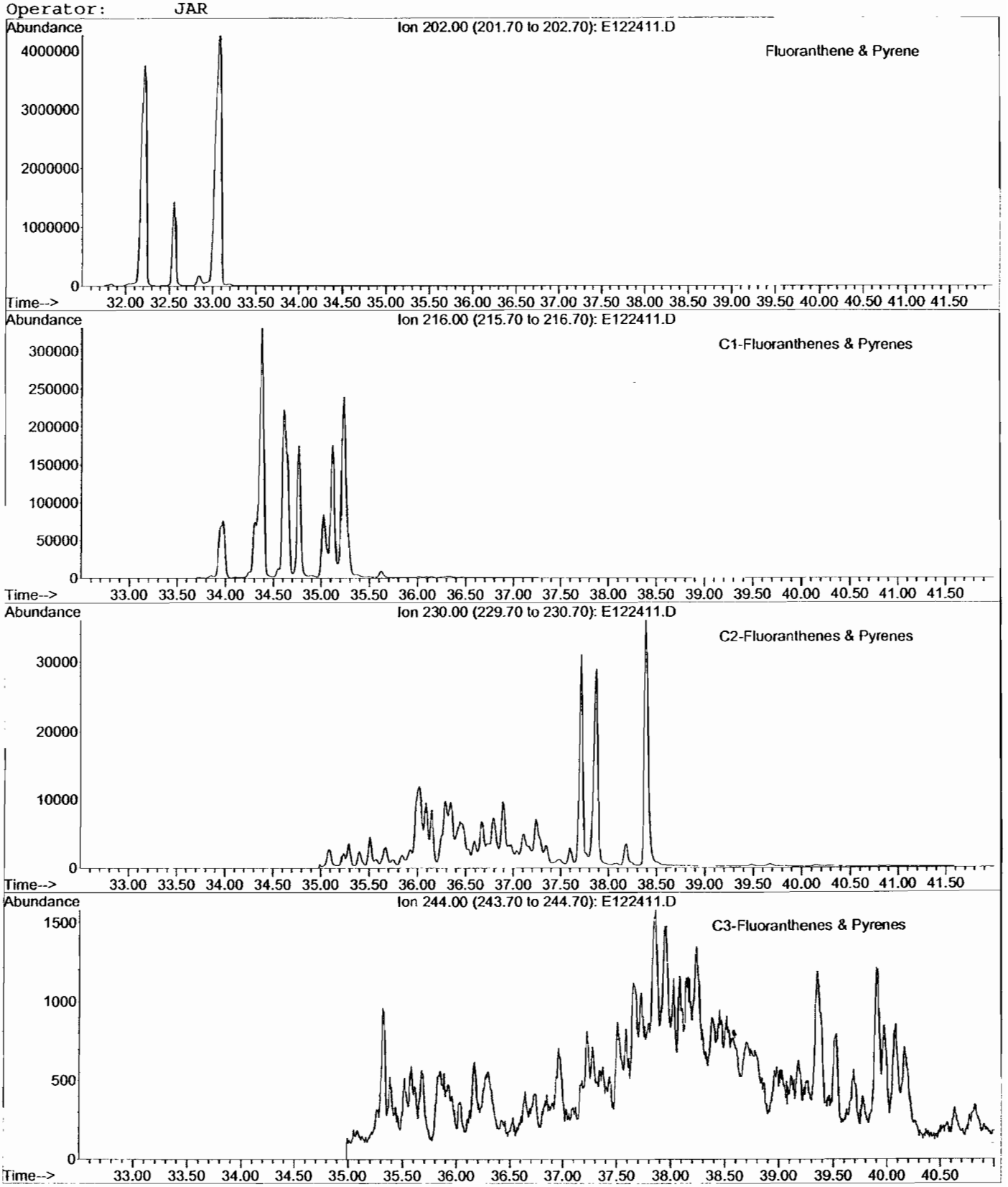
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GC/MS EXTRACTED ION CHROMATOGRAM

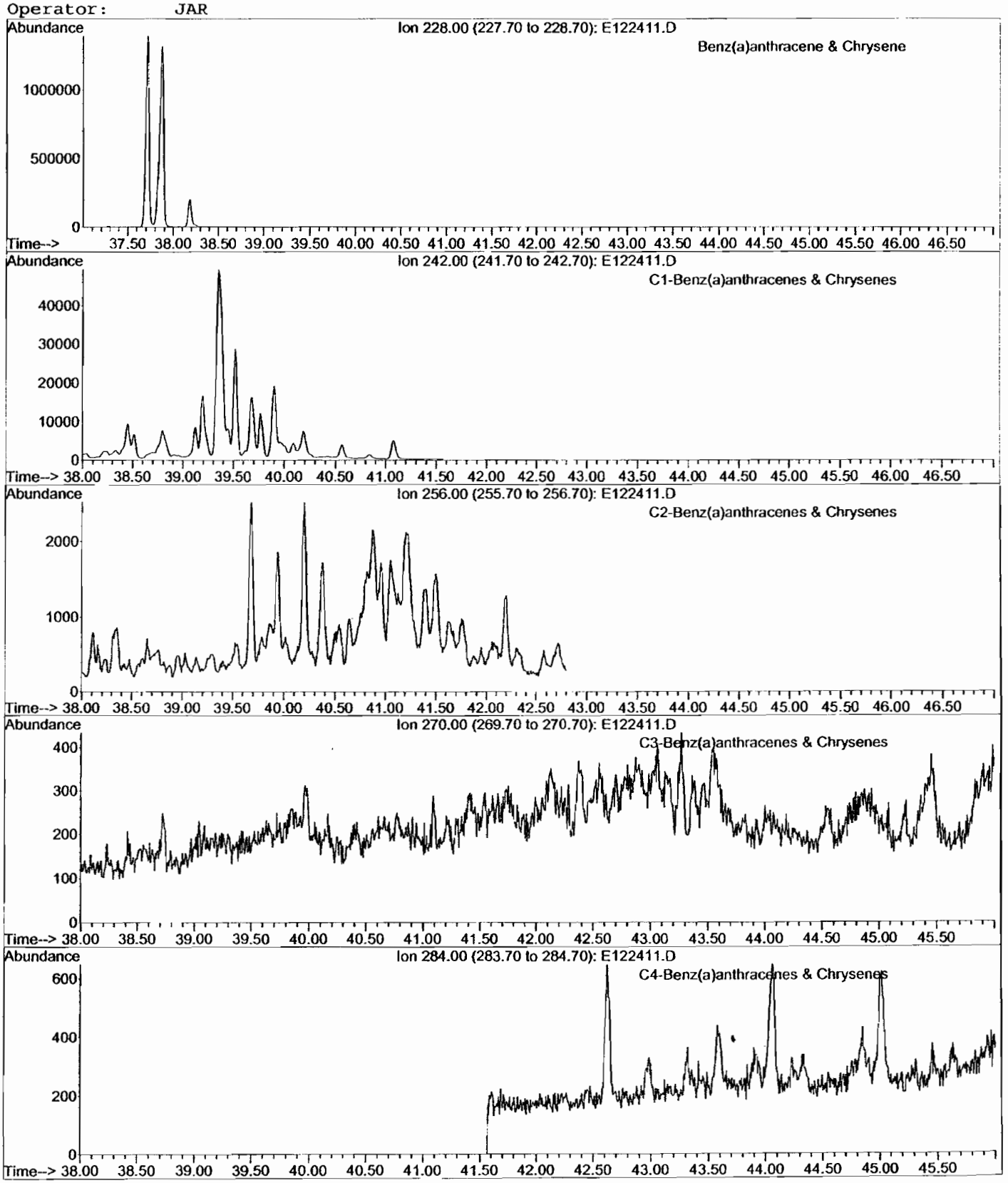
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META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

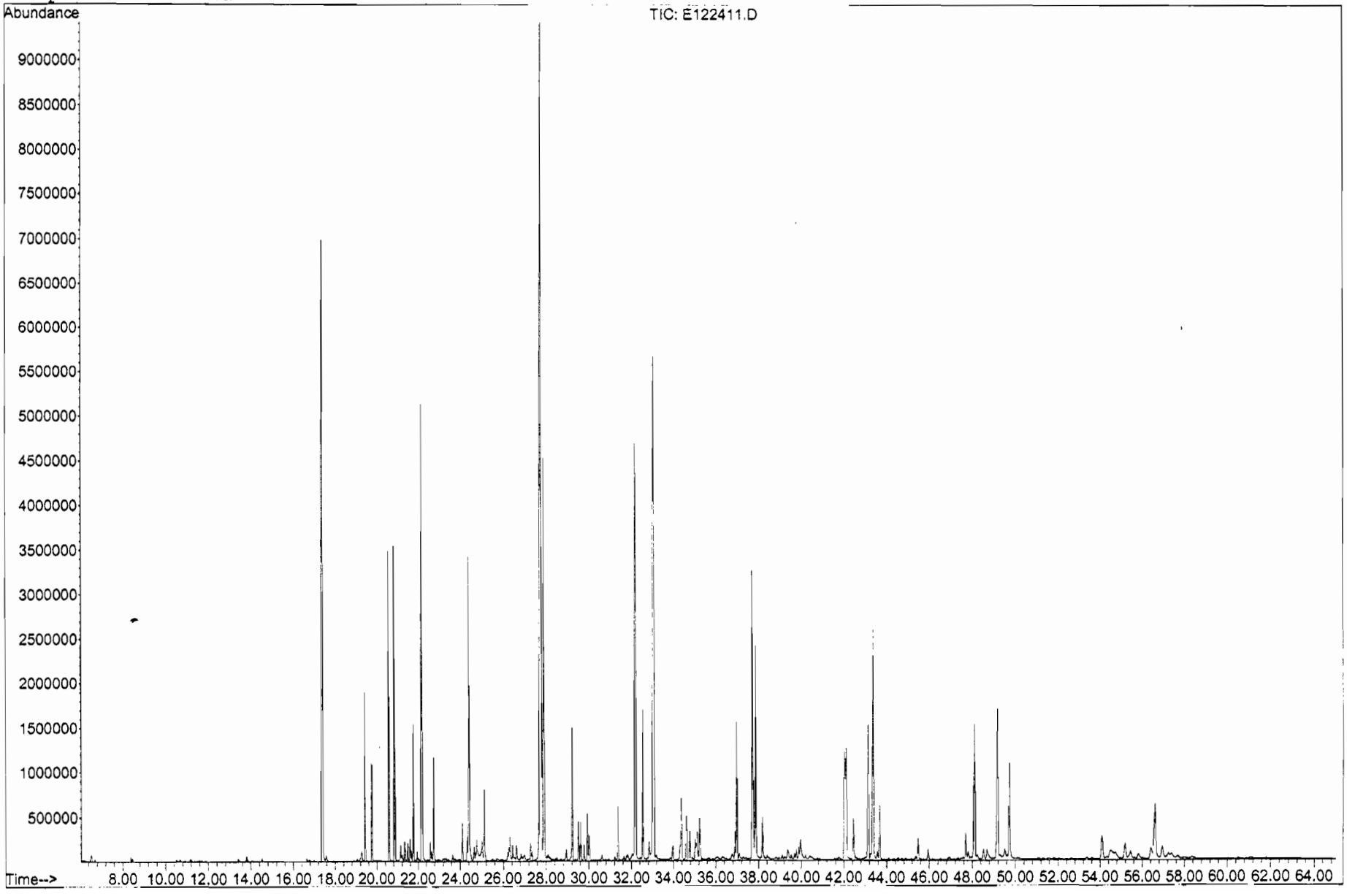
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Misc Info: Duplicate of SB-13 (14.5-15.0')
Operator: JAR



META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

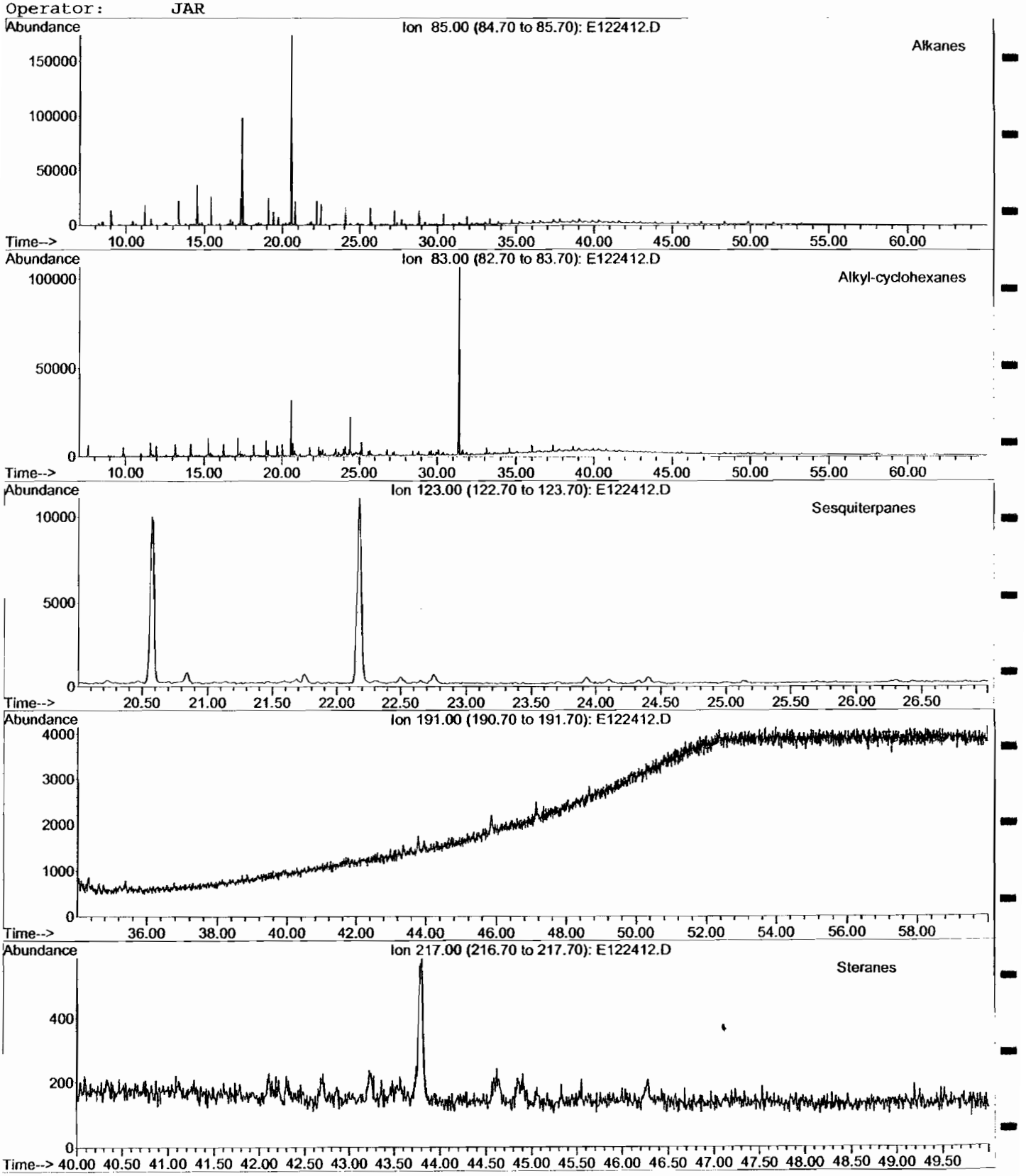
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META Environmental, Inc.

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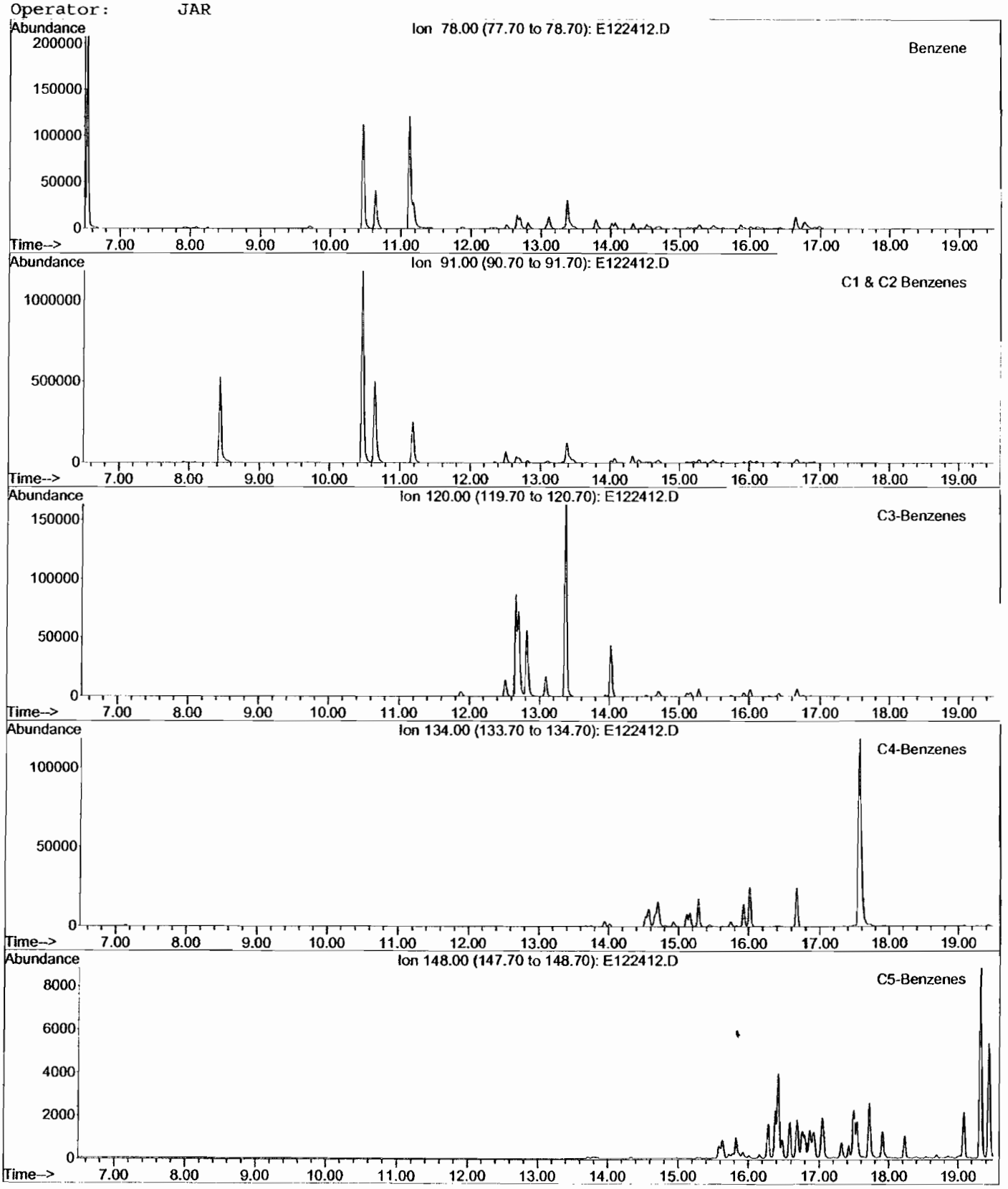
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Date Acquired: 25 Dec 2008 4:58 am
Method File: 4008SIMD.M
Sample Name: PA081219-02
Misc Info: SB-3 (13')
Operator: JAR



META Environmental, Inc.

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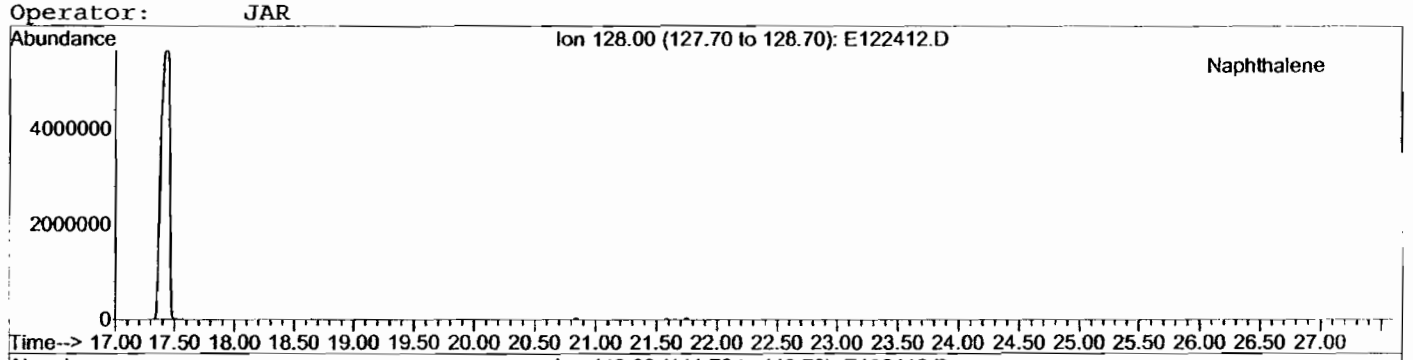
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Misc Info: SB-3 (13')
Operator: JAR

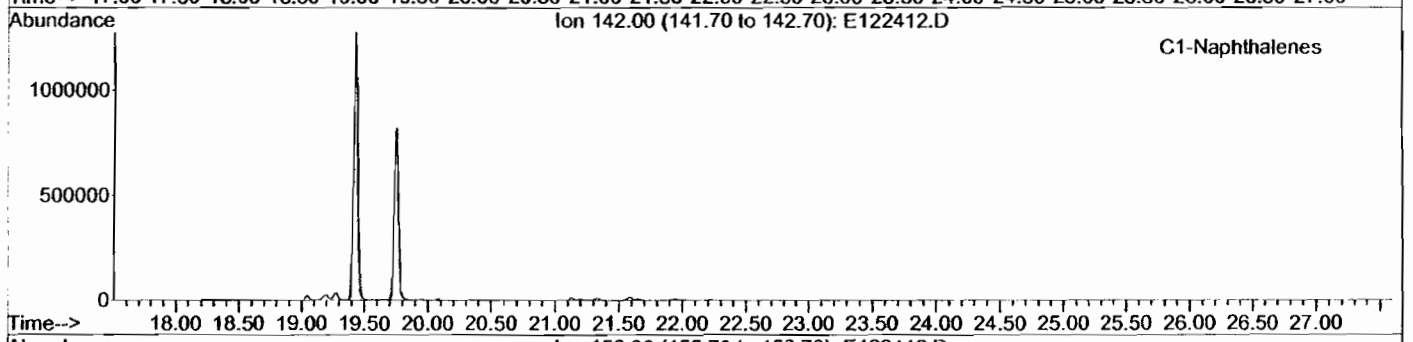


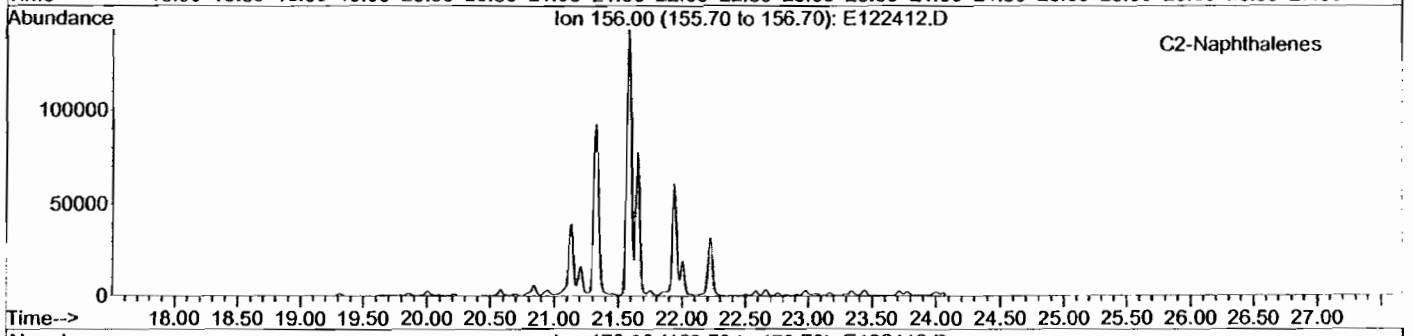
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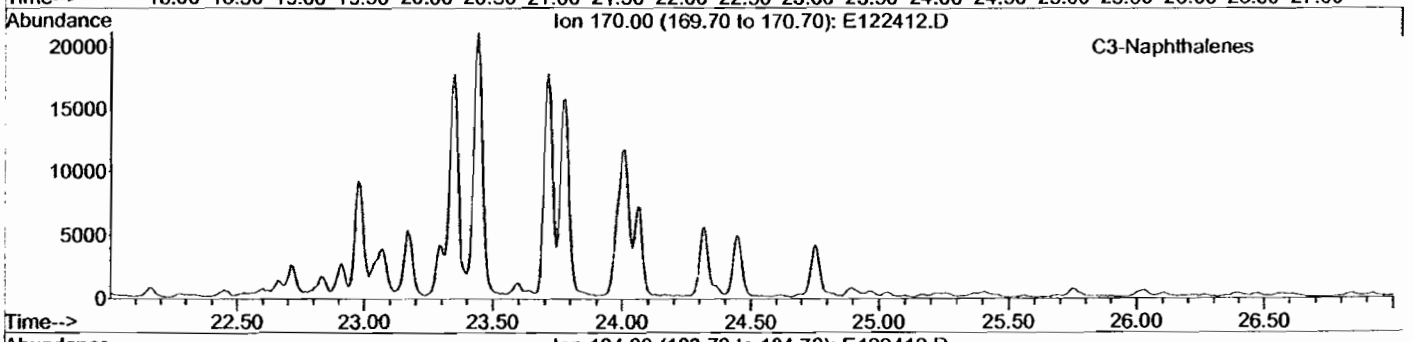
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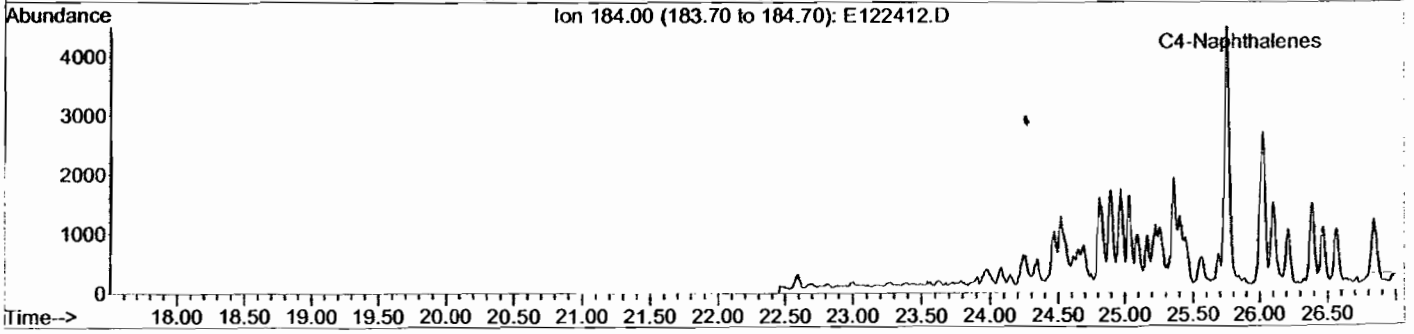
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Sample Name: PA081219-02
Misc Info: SB-3 (13')
Operator: JAR







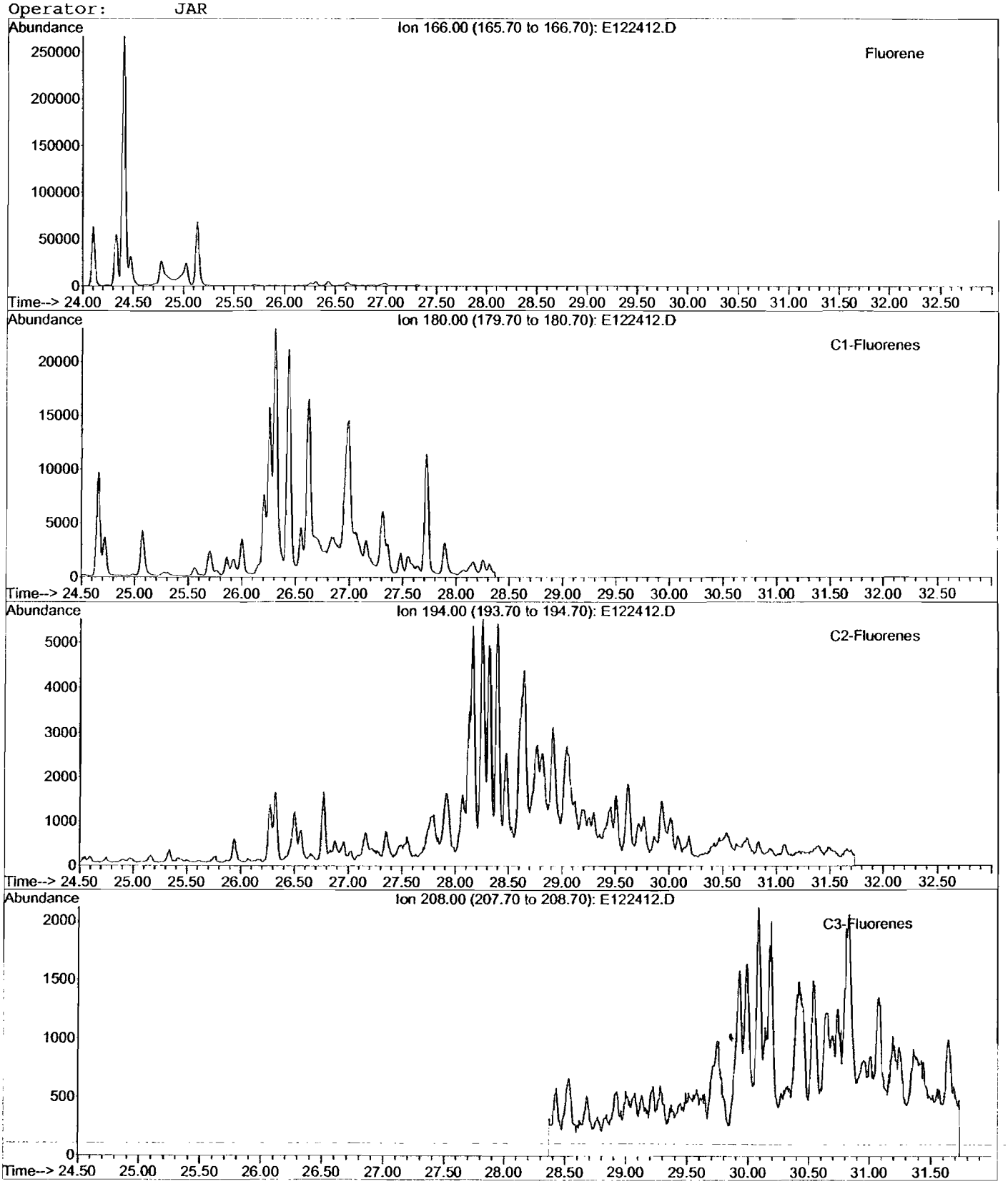




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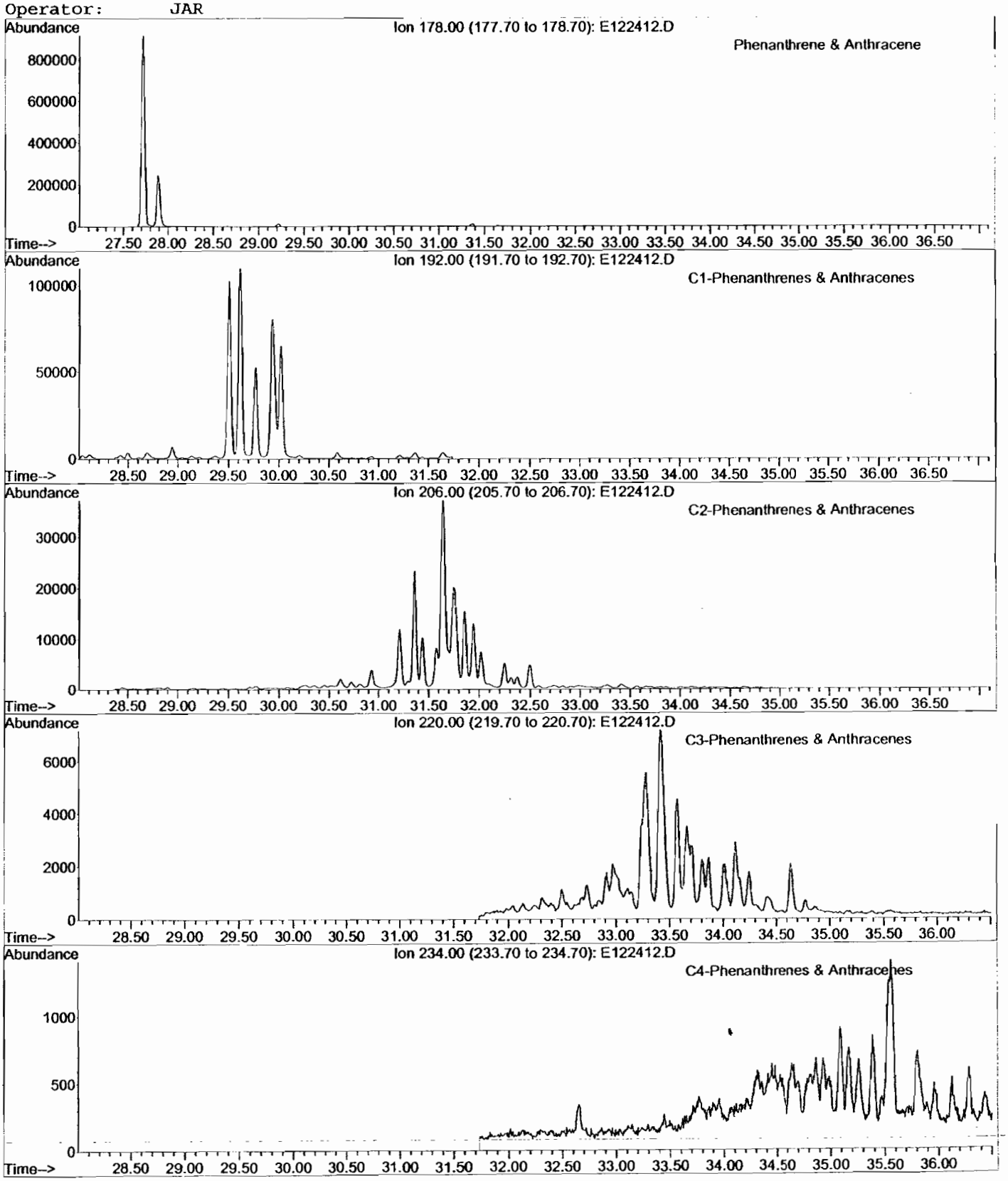
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GC/MS EXTRACTED ION CHROMATOGRAM

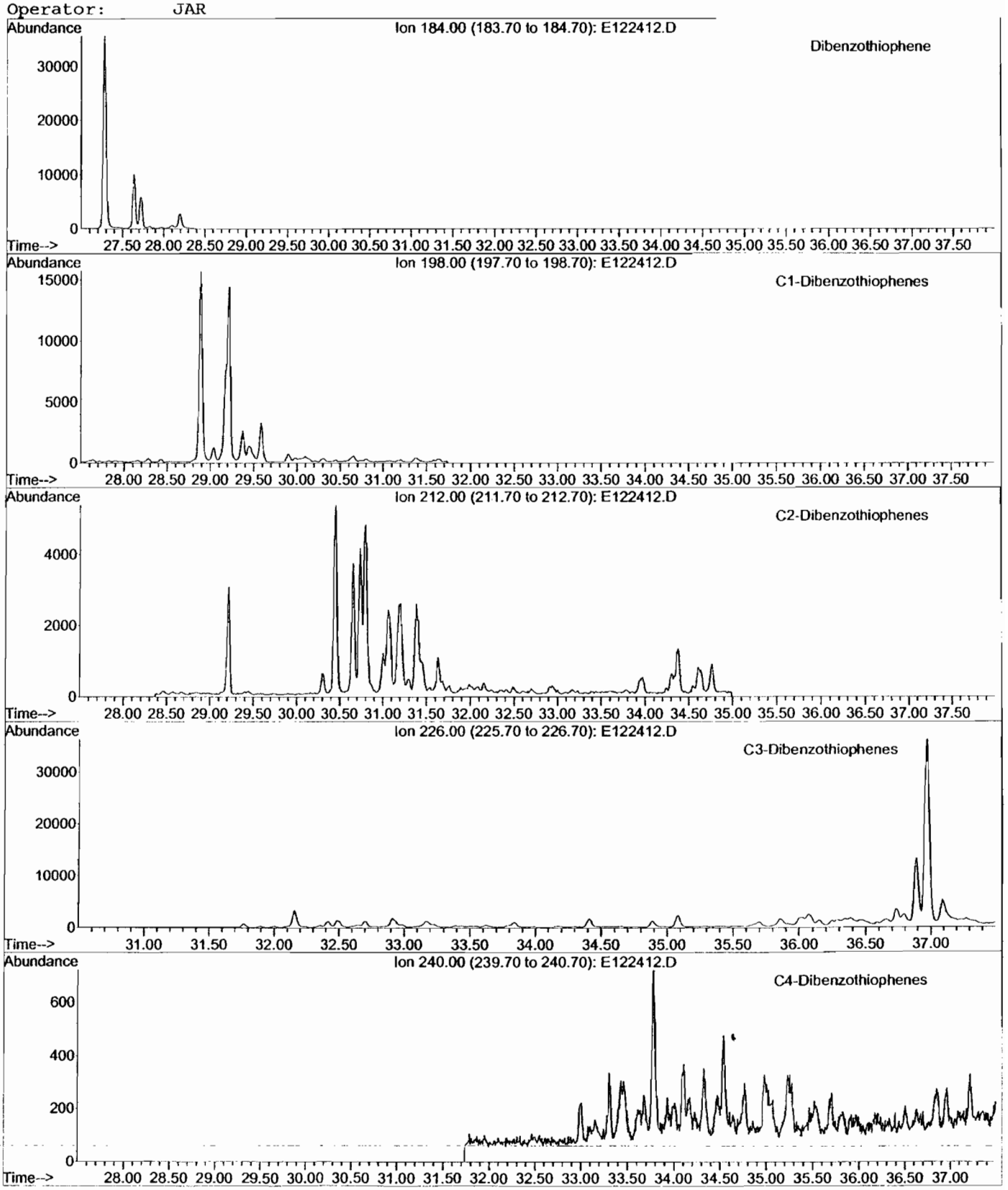
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GC/MS EXTRACTED ION CHROMATOGRAM

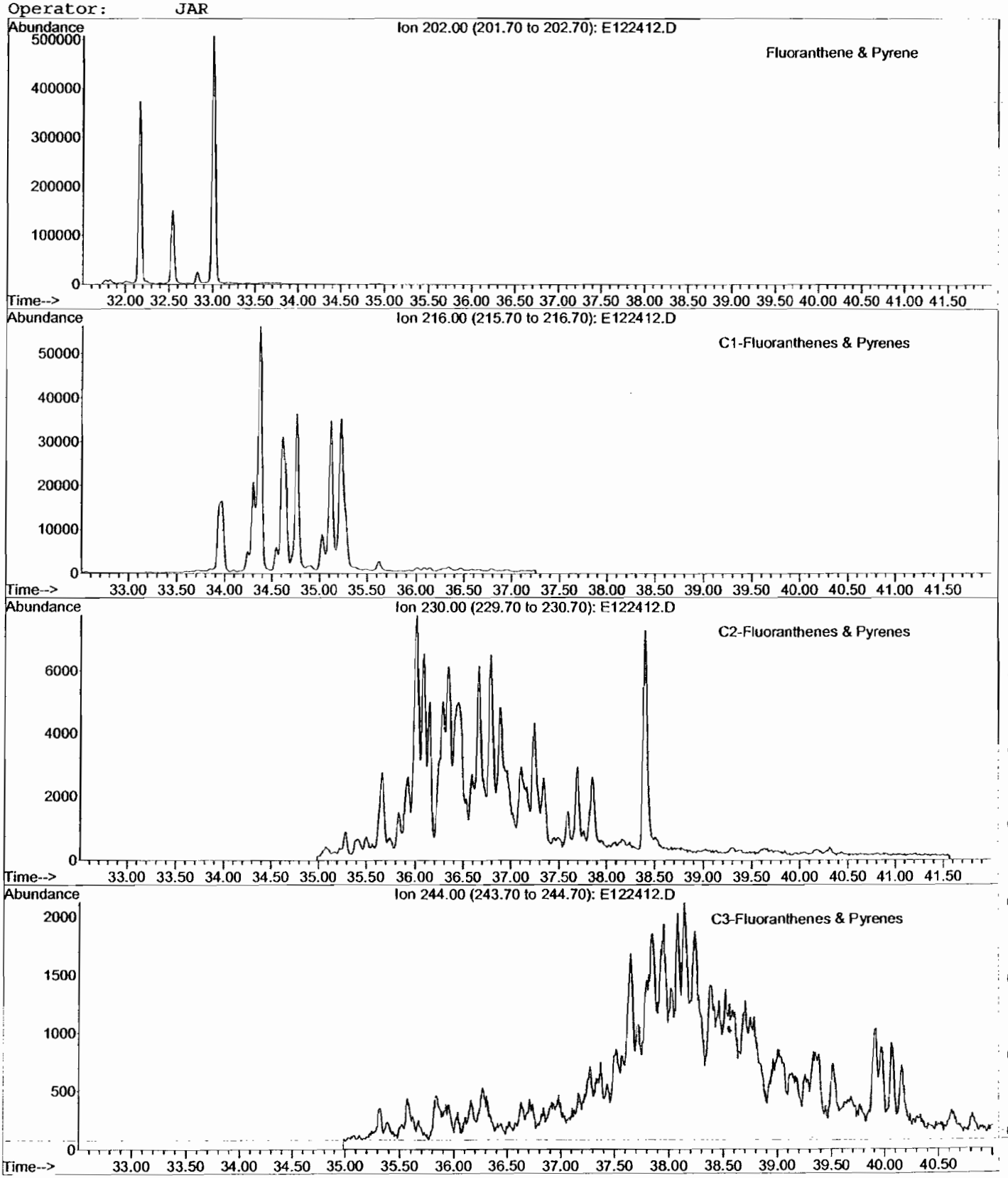
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GC/MS EXTRACTED ION CHROMATOGRAM

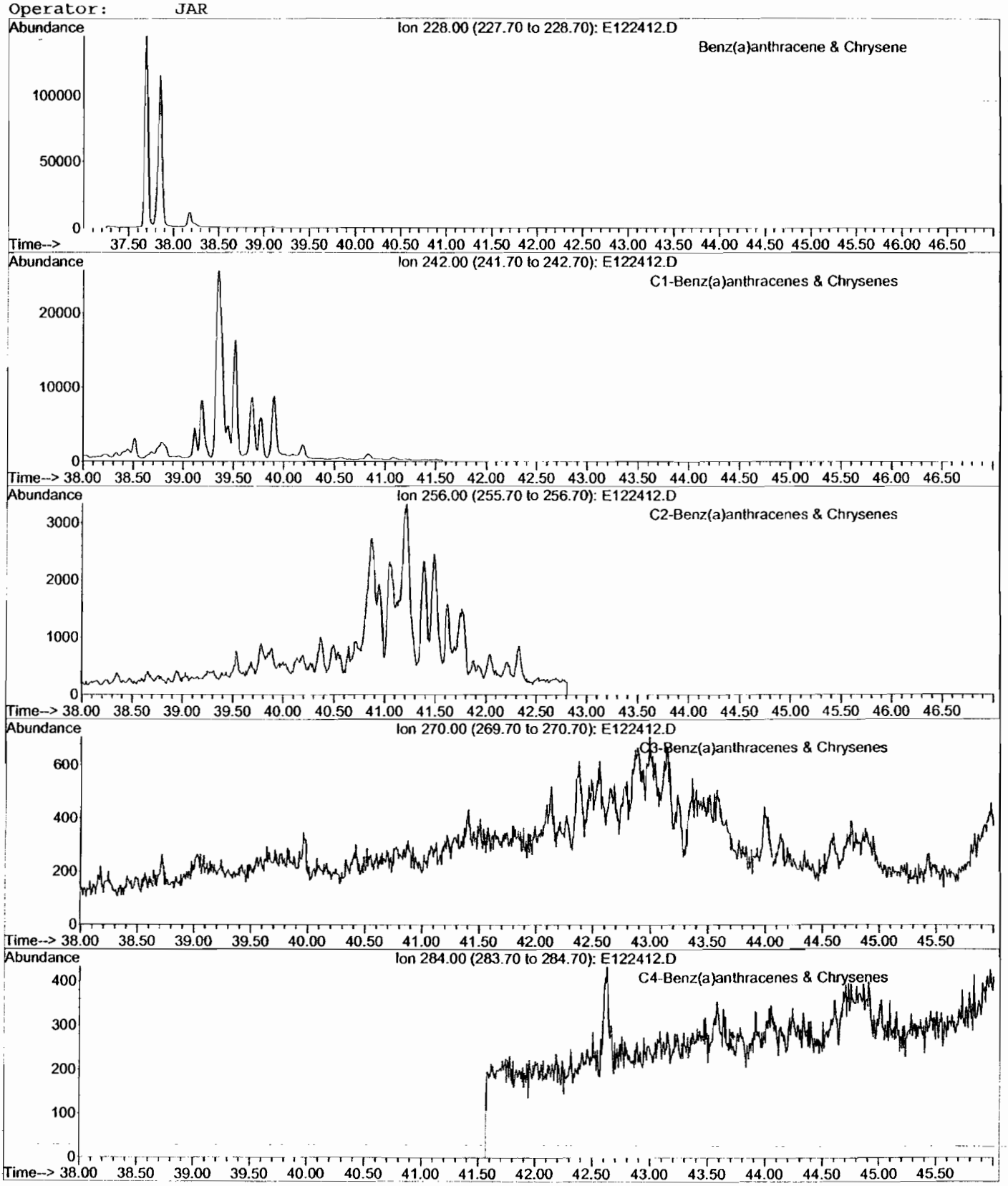
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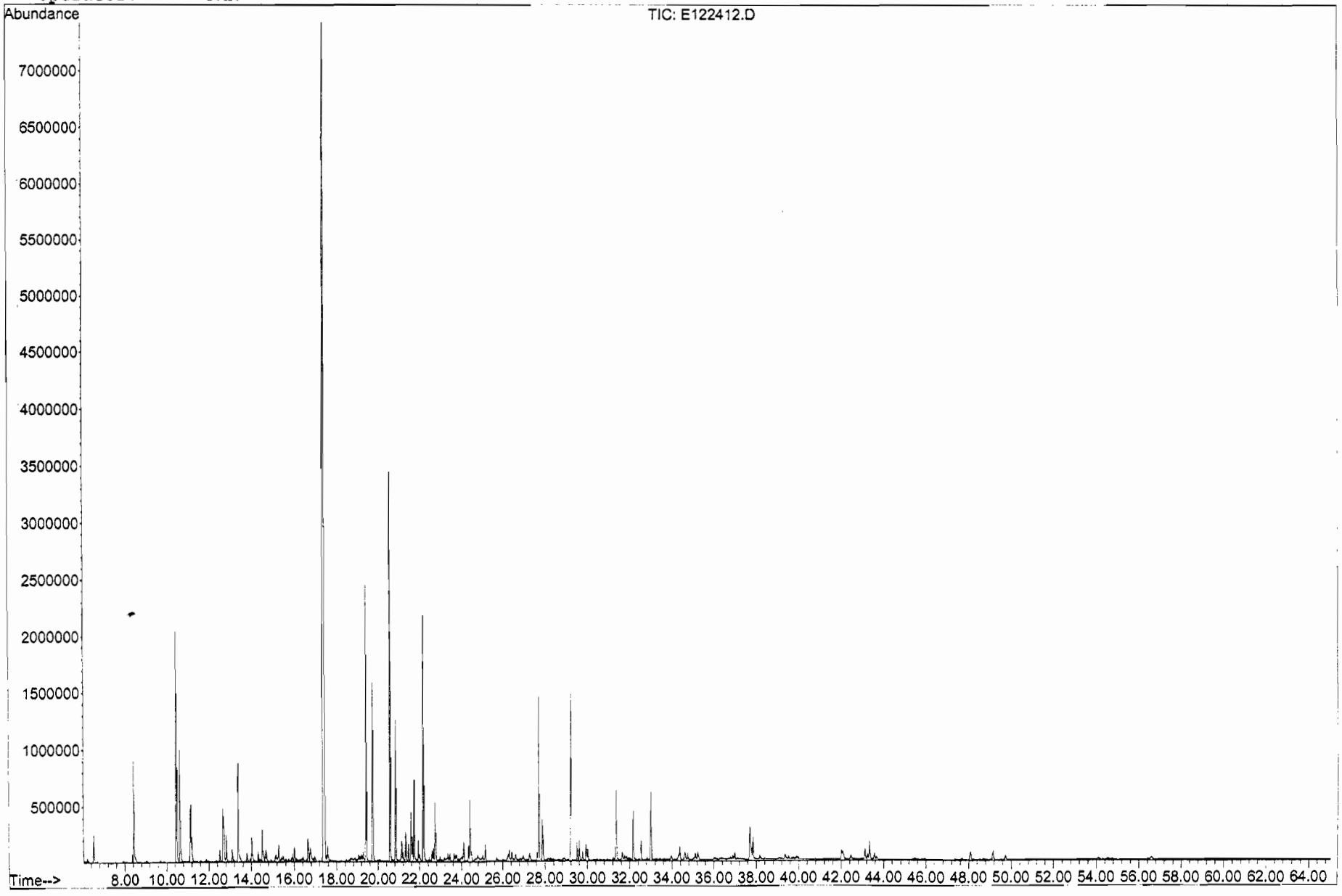
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Method File: 4008SIMD.M
Sample Name: PA081219-02
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META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

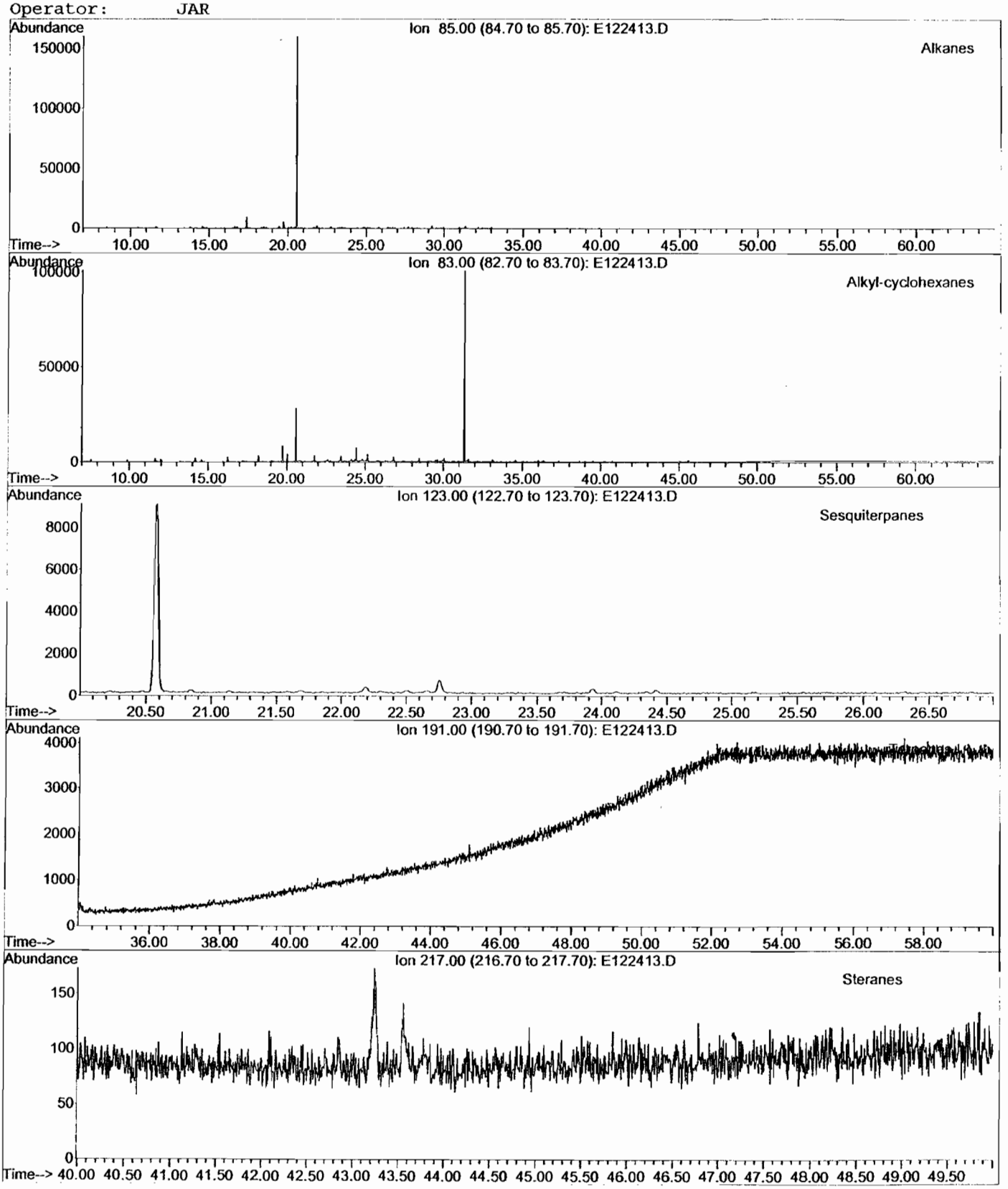
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Method File: 4008SIMD.M
Sample Name: PA081219-02
Misc Info: SB-3 (13')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

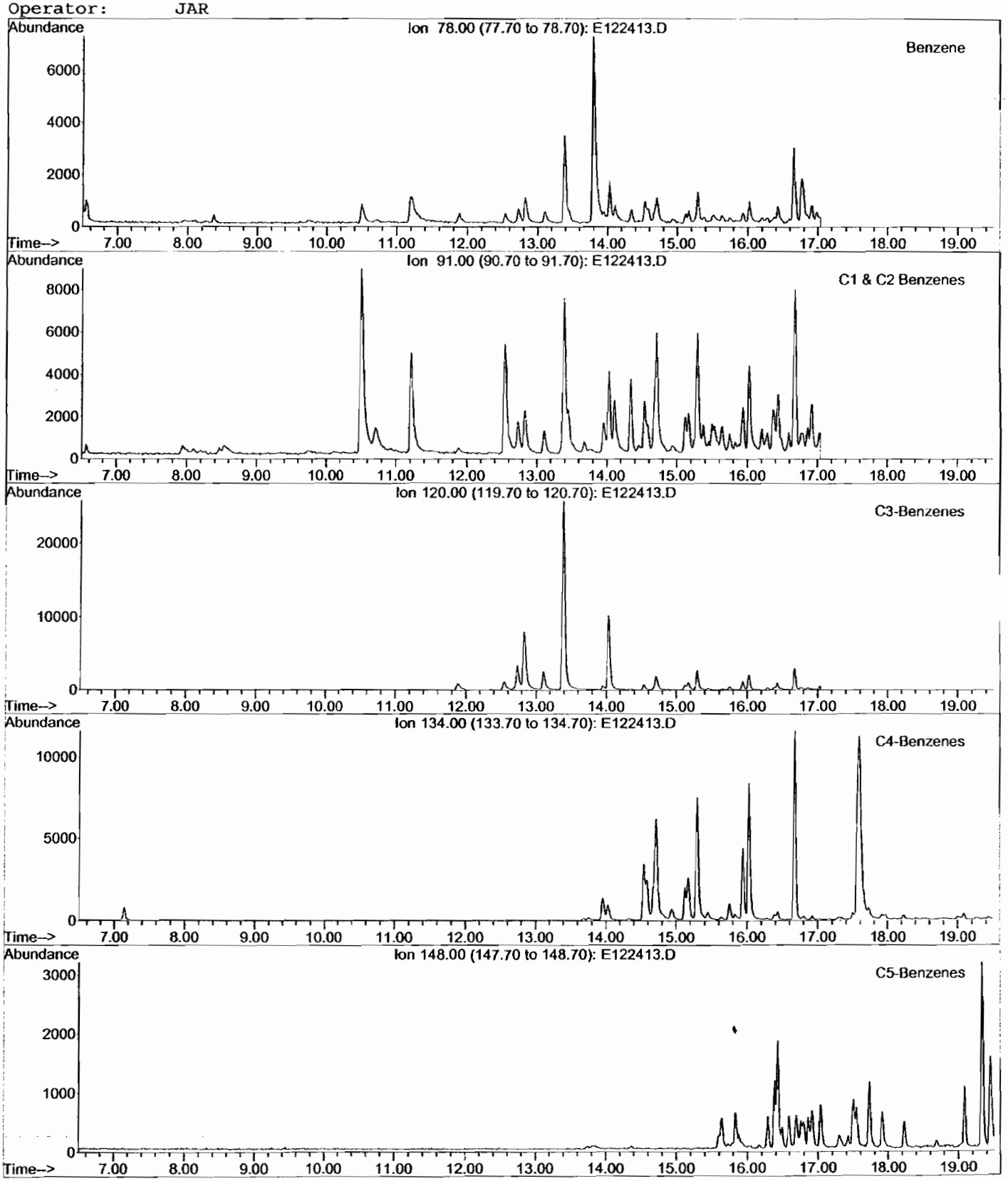
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Method File: 4008SIMD.M
Sample Name: PA081219-03
Misc Info: SB-12 (17-19')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

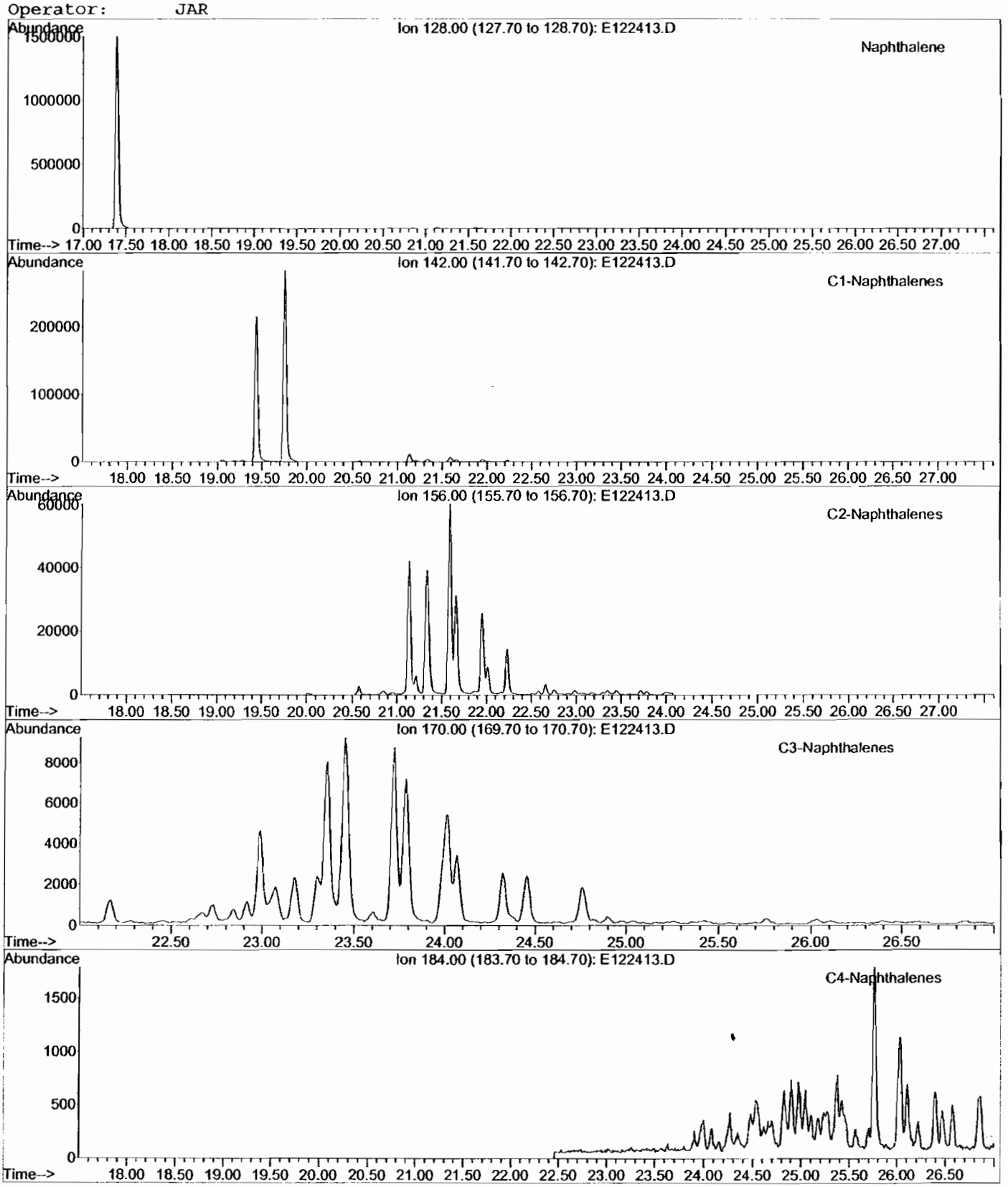
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Method File: 4008SIMD.M
Sample Name: PA081219-03
Misc Info: SB-12 (17-19')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

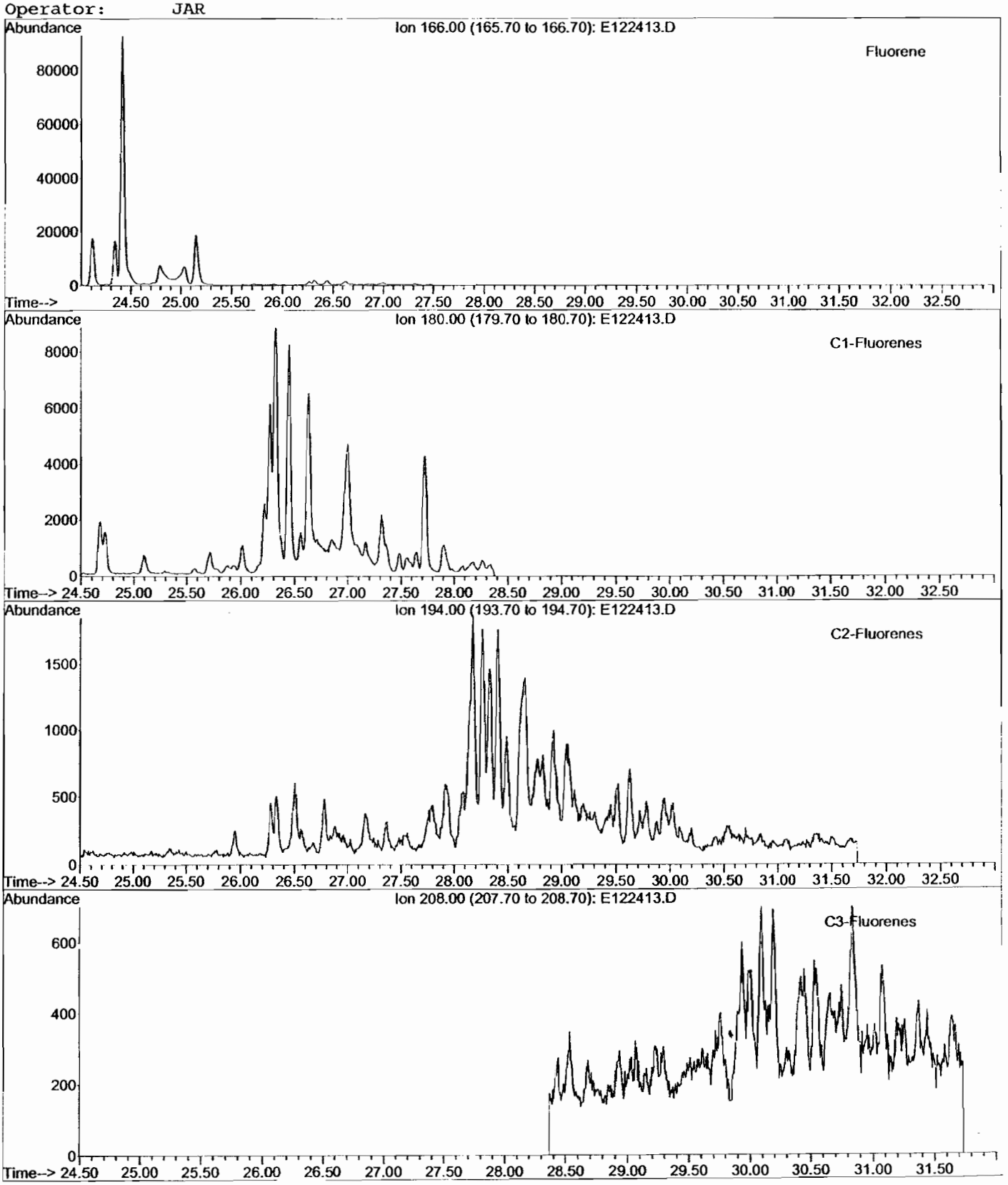
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Method File: 4008SIMD.M
Sample Name: PA081219-03
Misc Info: SB-12 (17-19')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

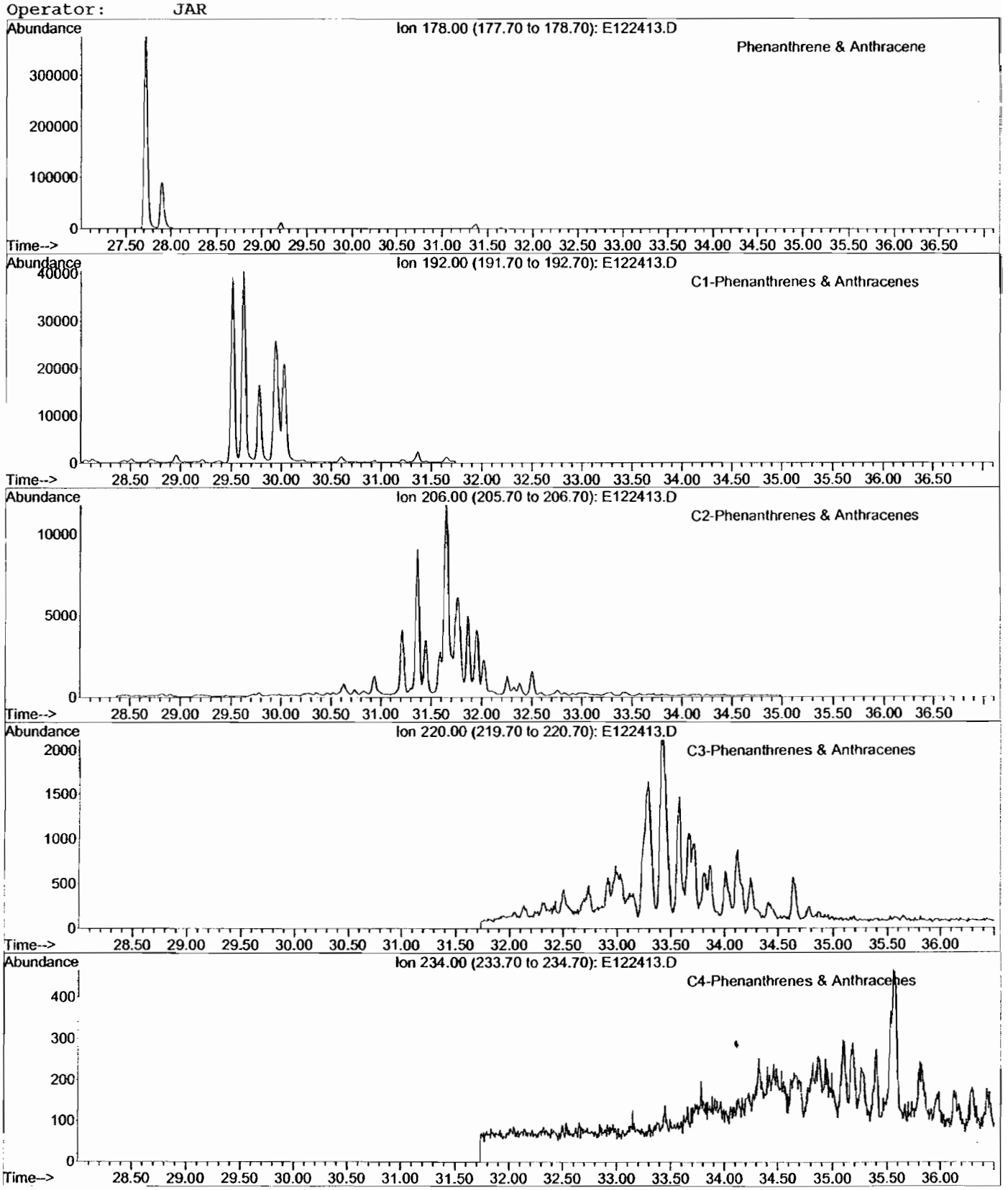
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Method File: 4008SIMD.M
Sample Name: PA081219-03
Misc Info: SB-12 (17-19')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

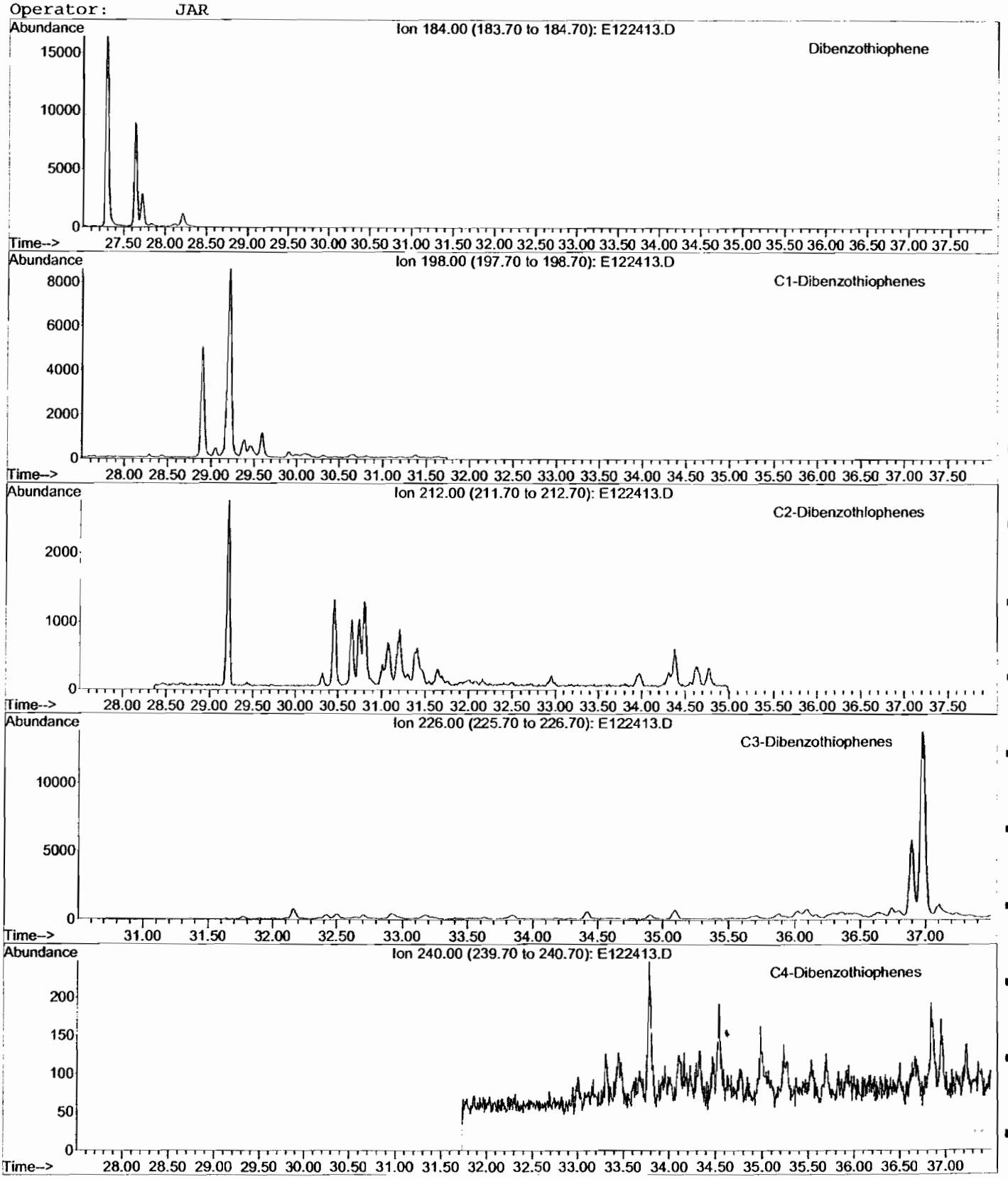
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Method File: 4008SIMD.M
Sample Name: PA081219-03
Misc Info: SB-12 (17-19')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

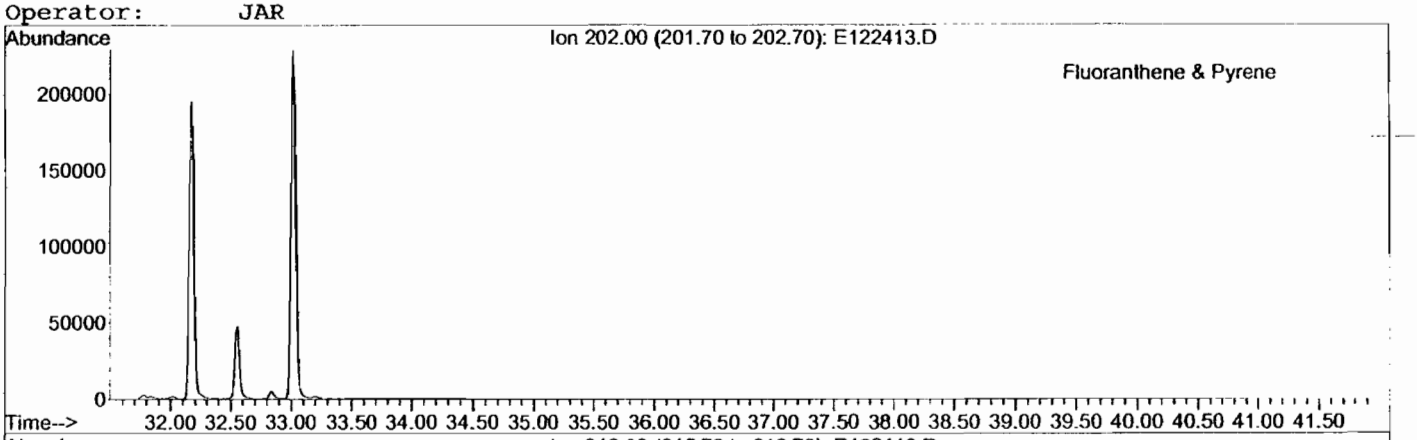
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Misc Info: SB-12 (17-19')
Operator: JAR

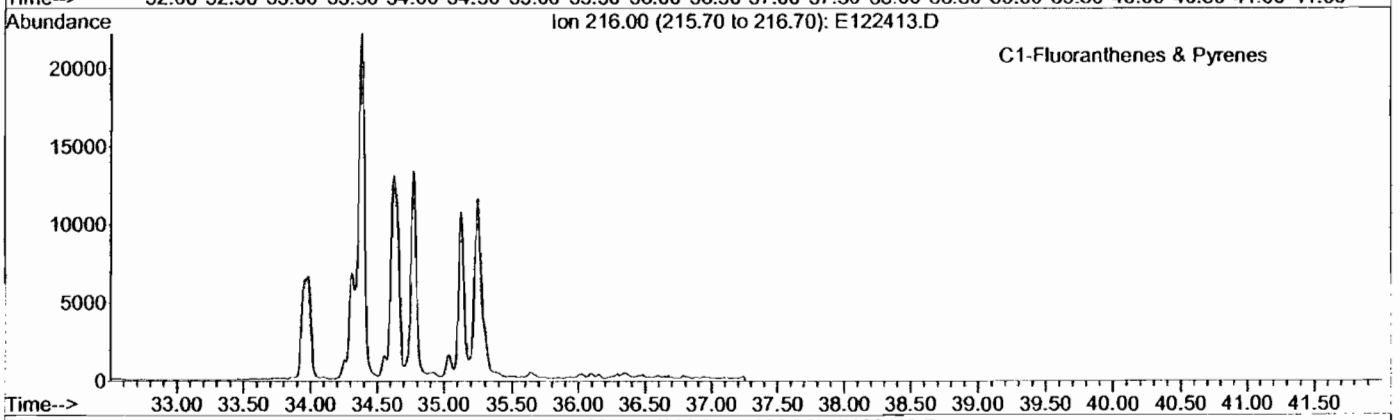


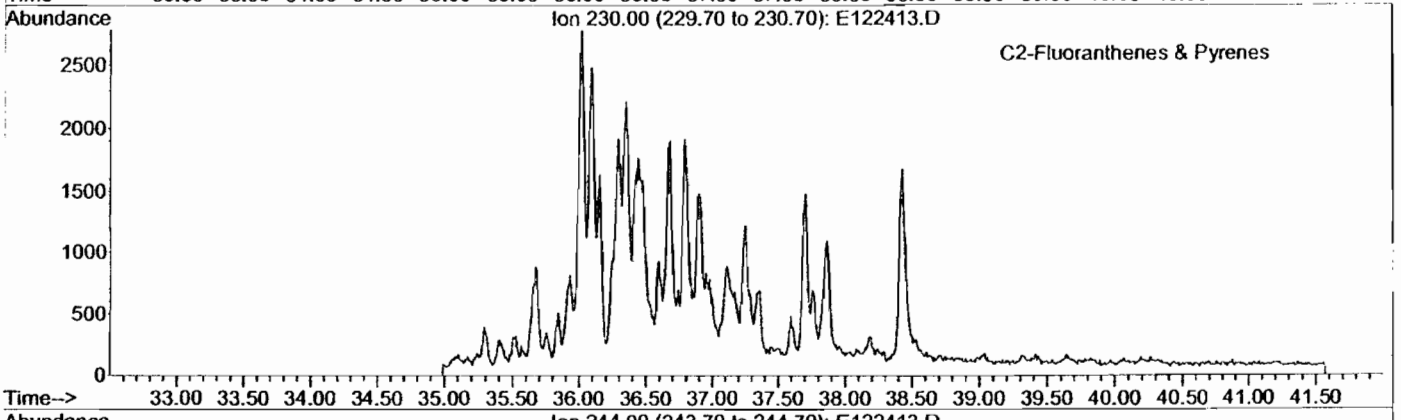
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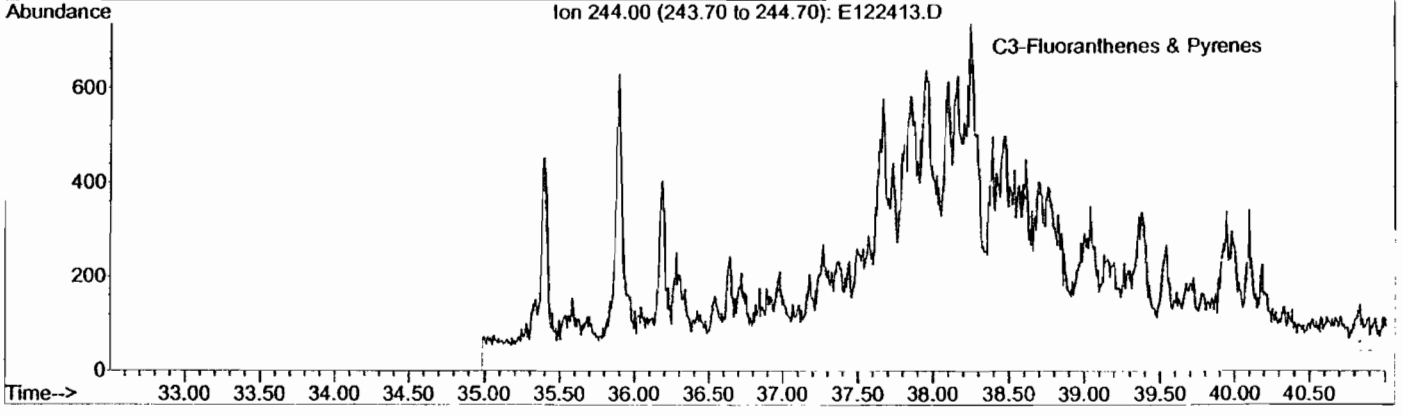
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Sample Name: PA081219-03
Misc Info: SB-12 (17-19')
Operator: JAR





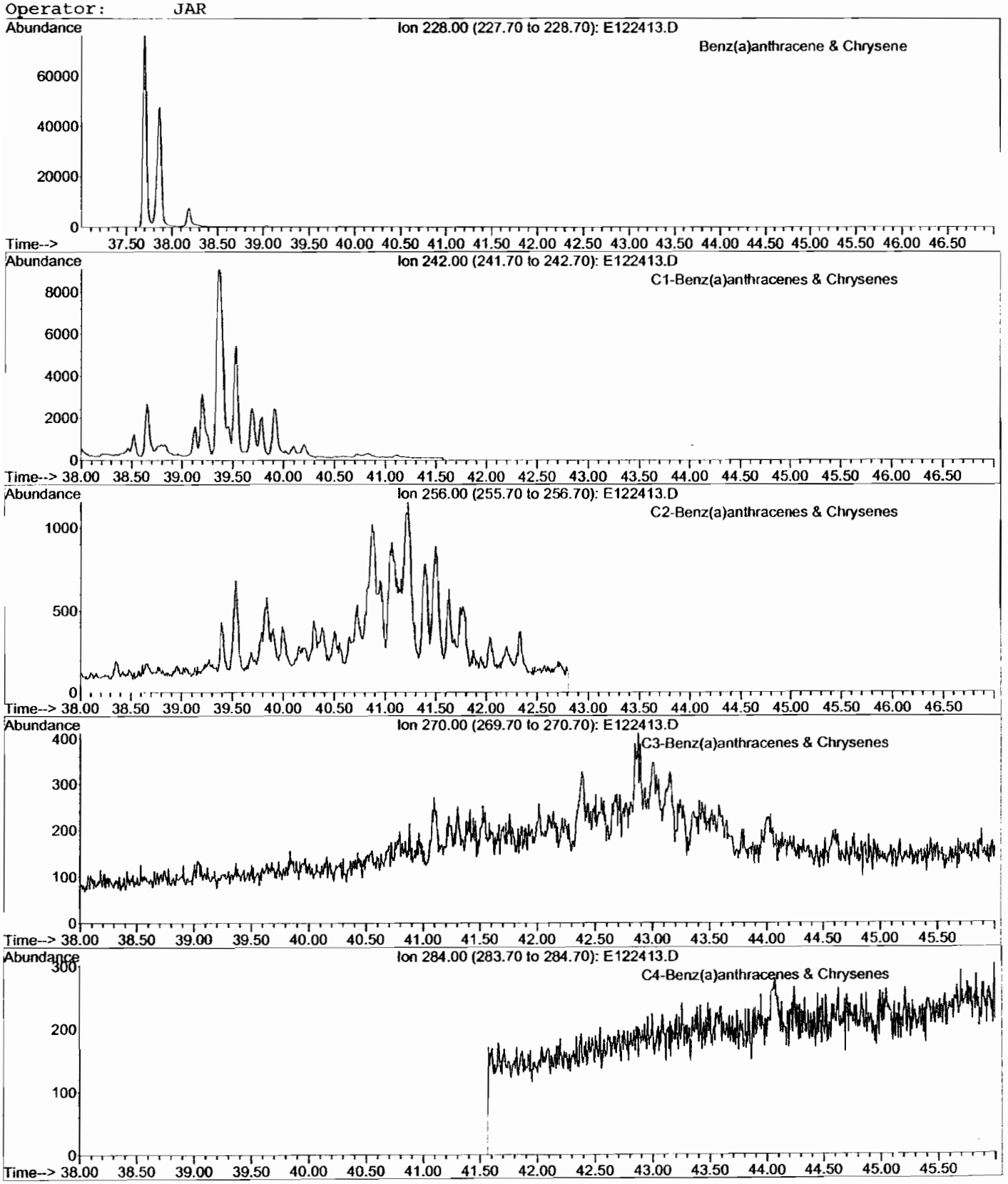




META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

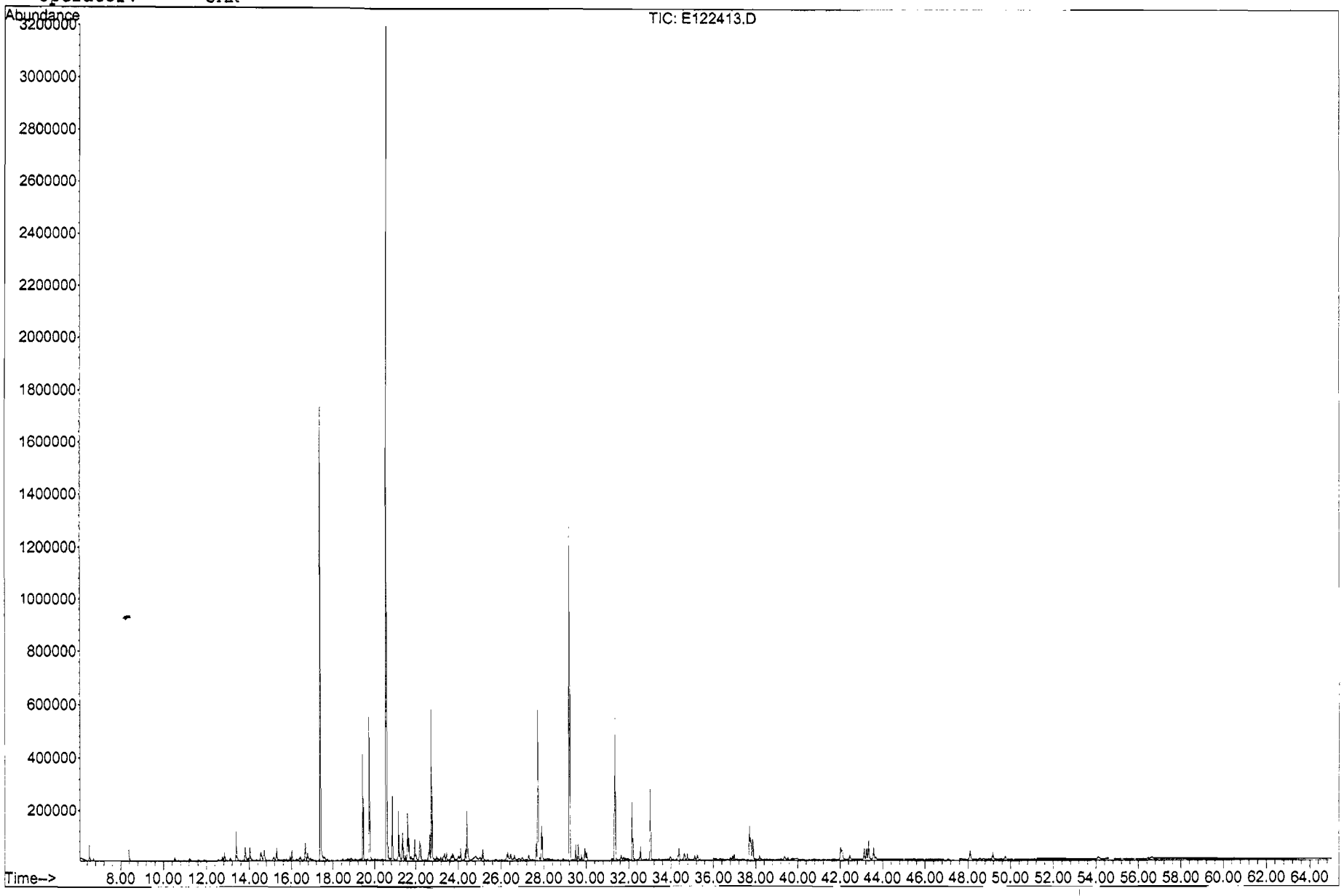
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Method File: 4008SIMD.M
Sample Name: PA081219-03
Misc Info: SB-12 (17-19')
Operator: JAR



META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

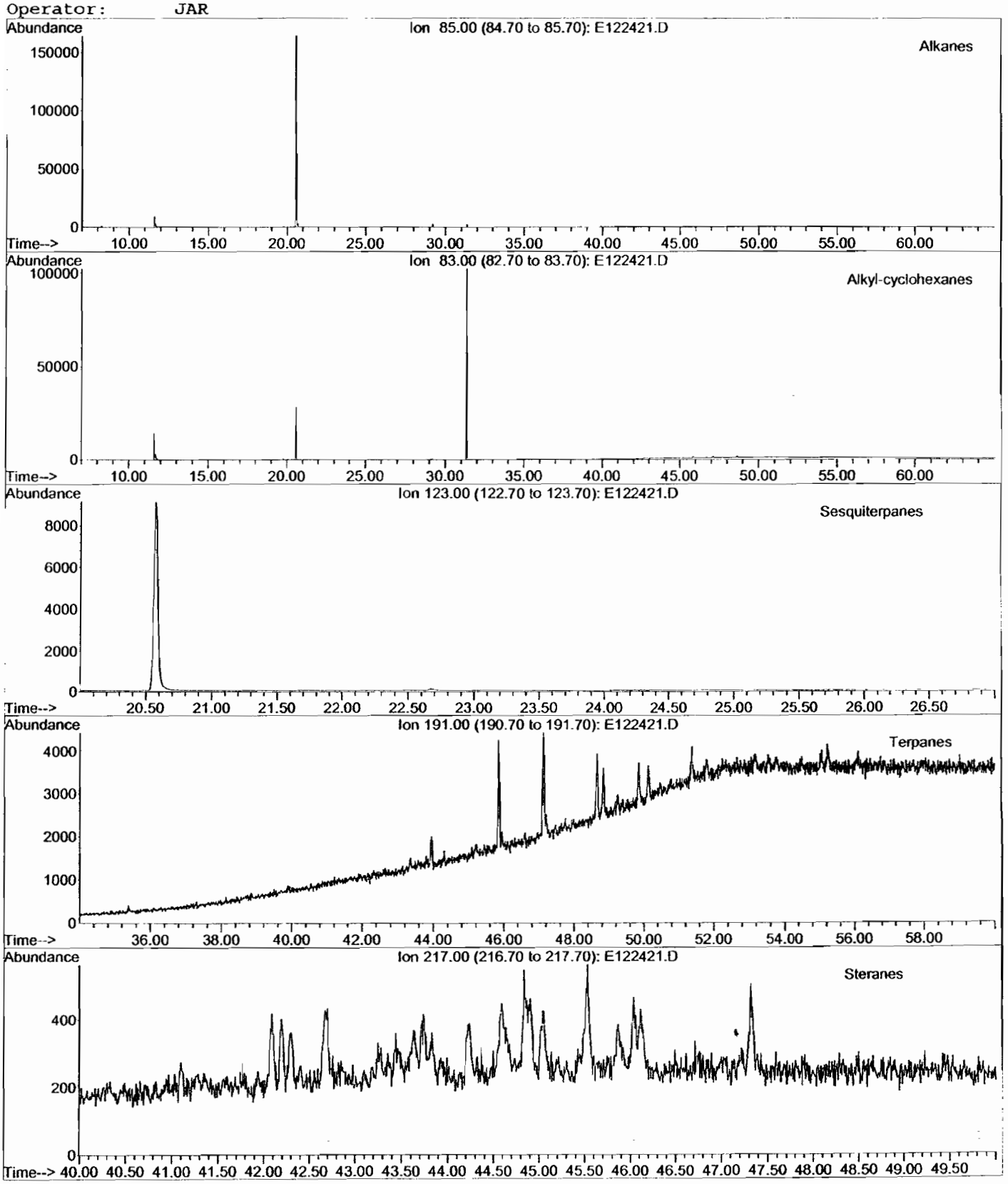
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Misc Info: SB-12 (17-19')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

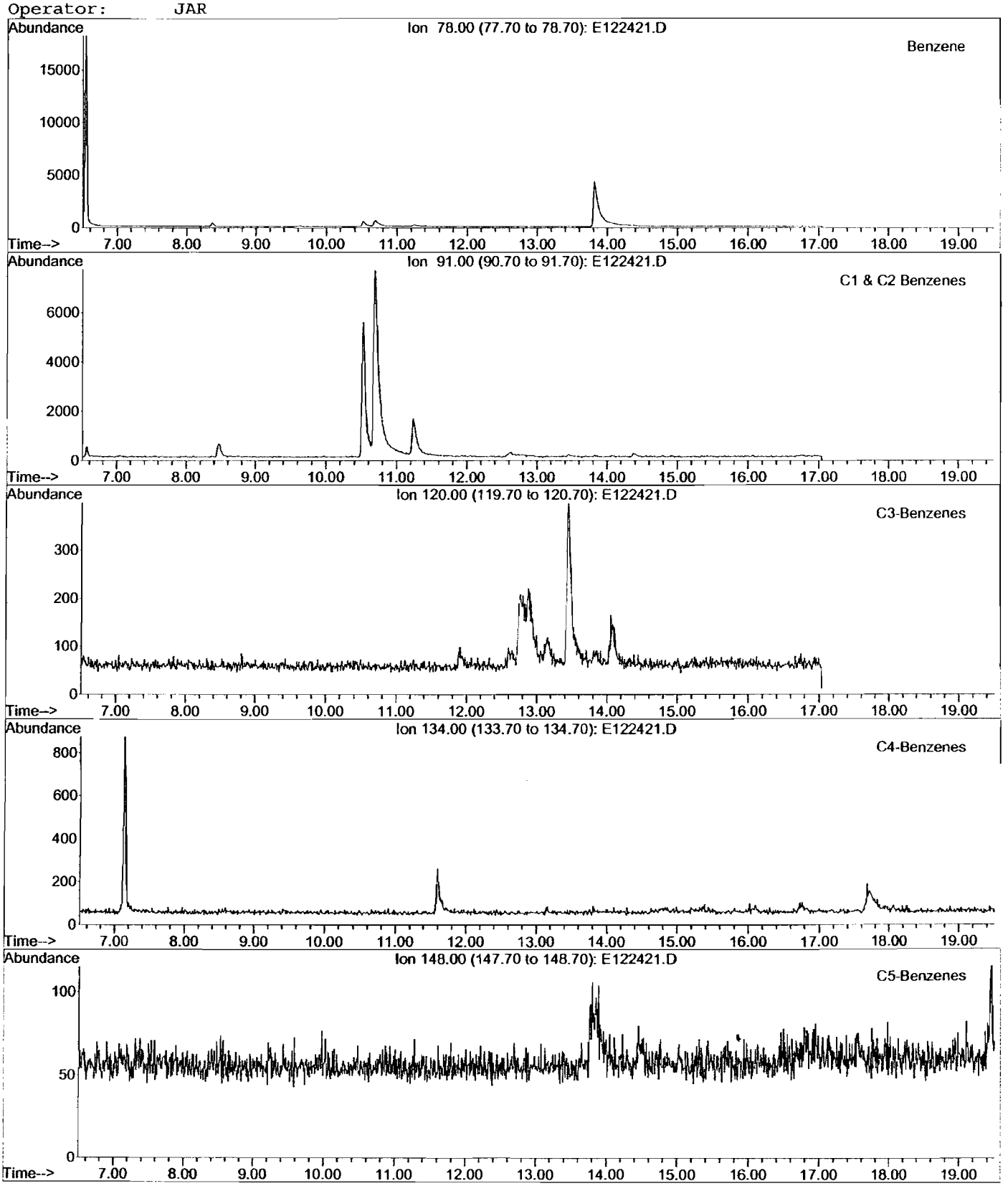
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Date Acquired: 25 Dec 2008 4:17 pm
Method File: 4008SIMD.M
Sample Name: PA081223-01
Misc Info: SB-4 (13-15')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

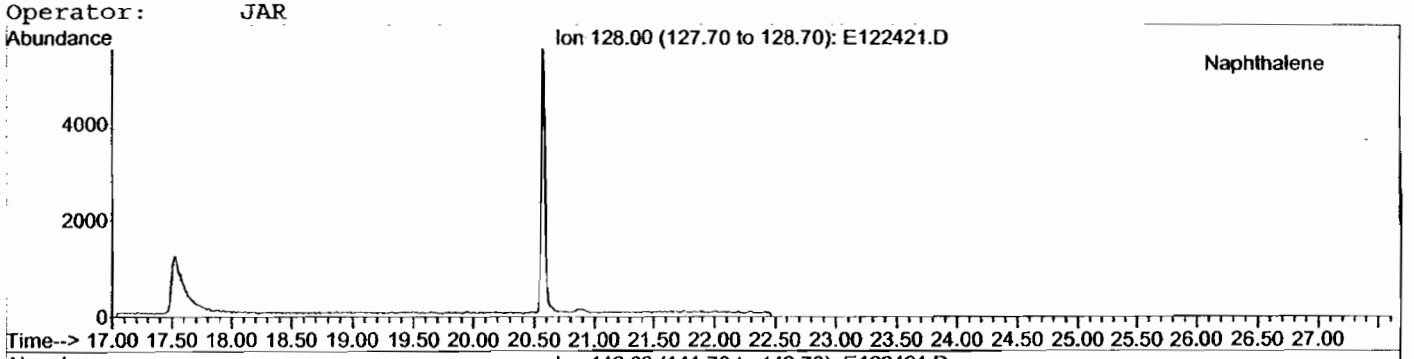
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Method File: 4008SIMD.M
Sample Name: PA081223-01
Misc Info: SB-4 (13-15')
Operator: JAR

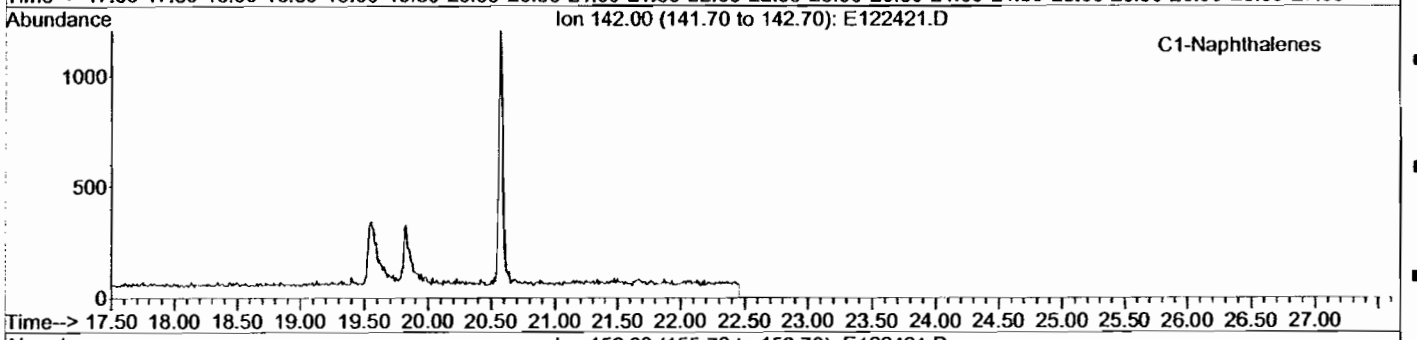


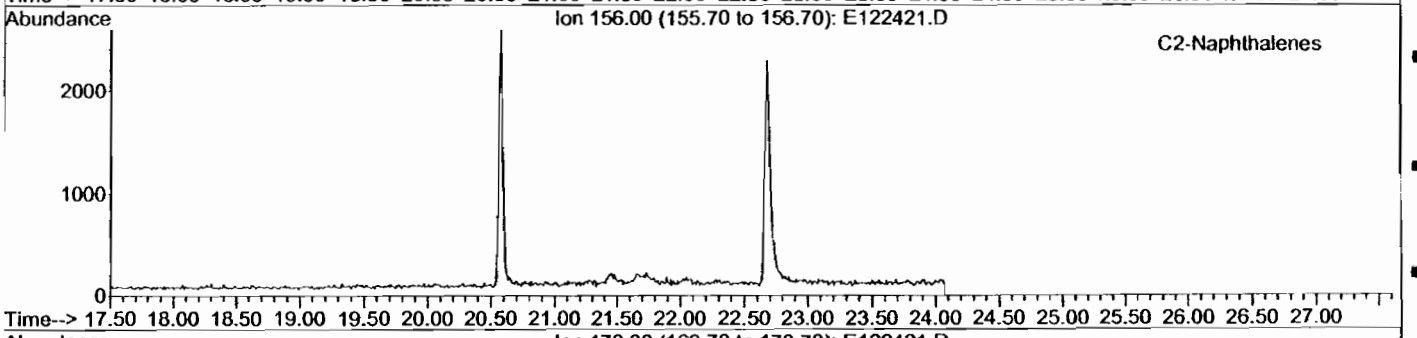
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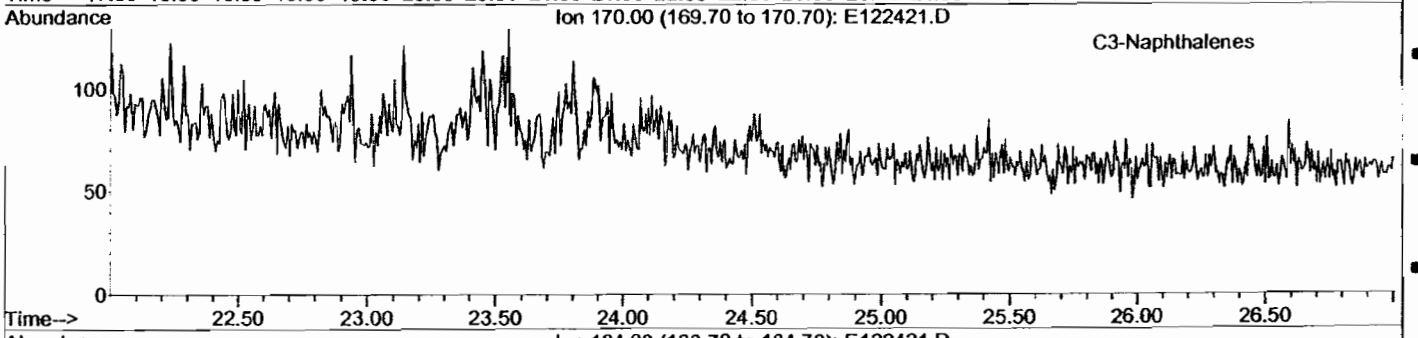
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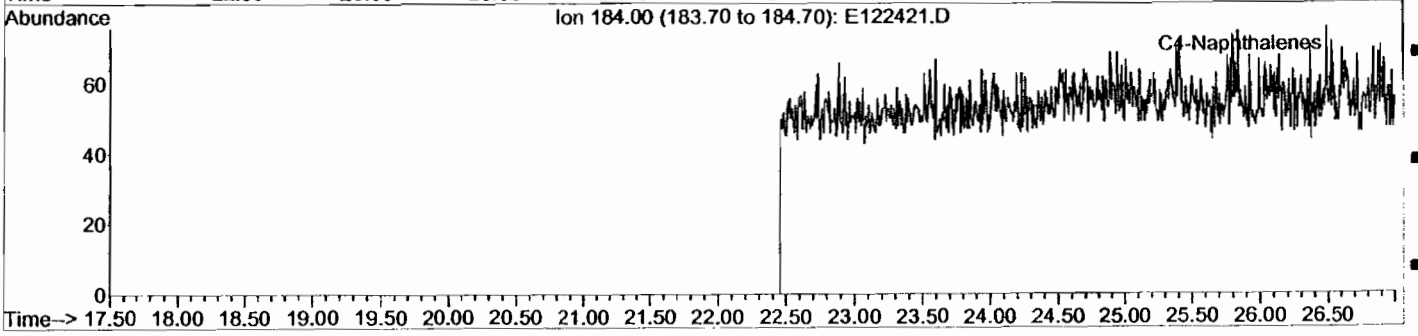
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Misc Info: SB-4 (13-15')
Operator: JAR







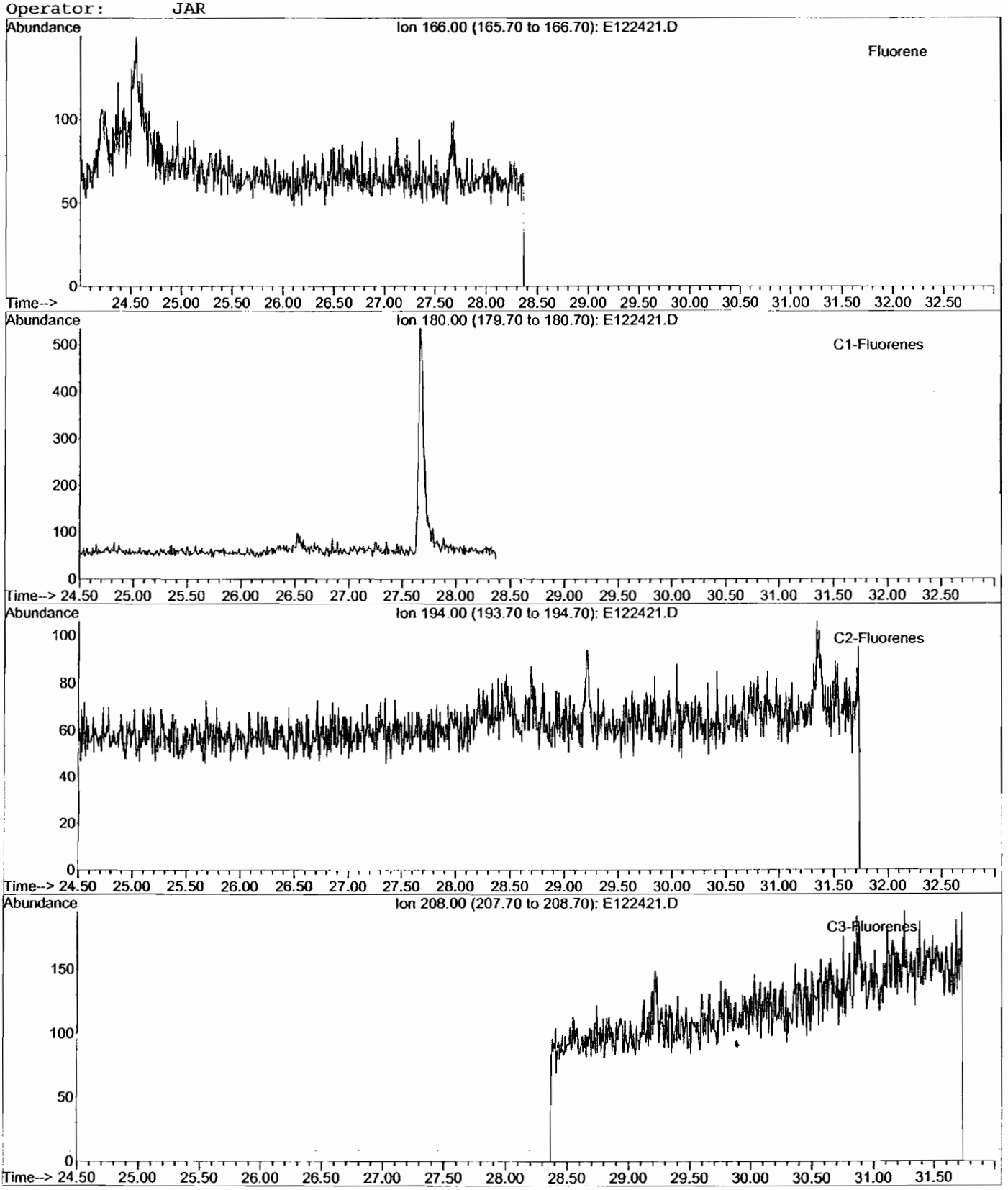




META Environmental, Inc.

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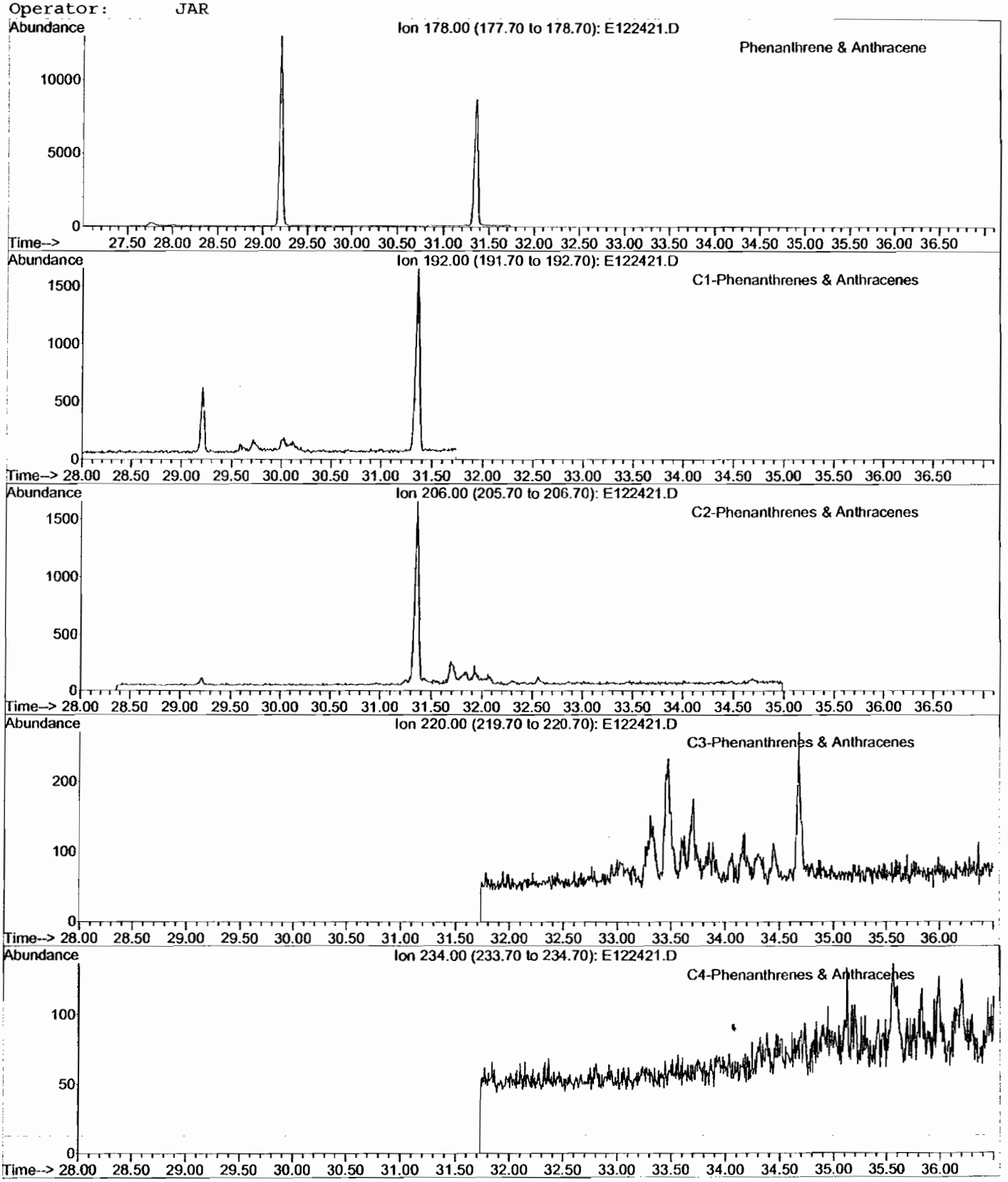
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Method File: 4008SIMD.M
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Misc Info: SB-4 (13-15')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

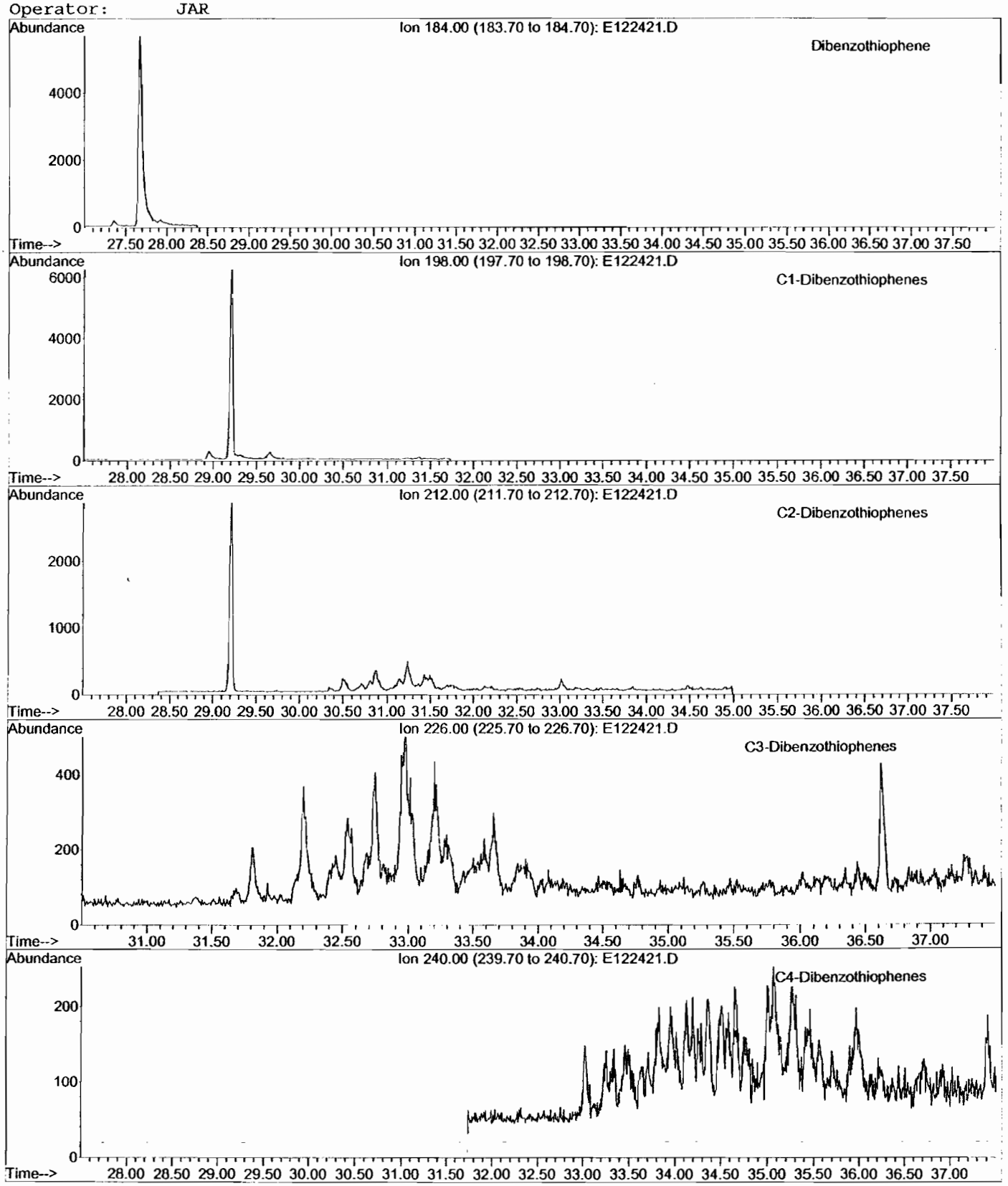
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Method File: 4008SIMD.M
Sample Name: PA081223-01
Misc Info: SB-4 (13-15')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

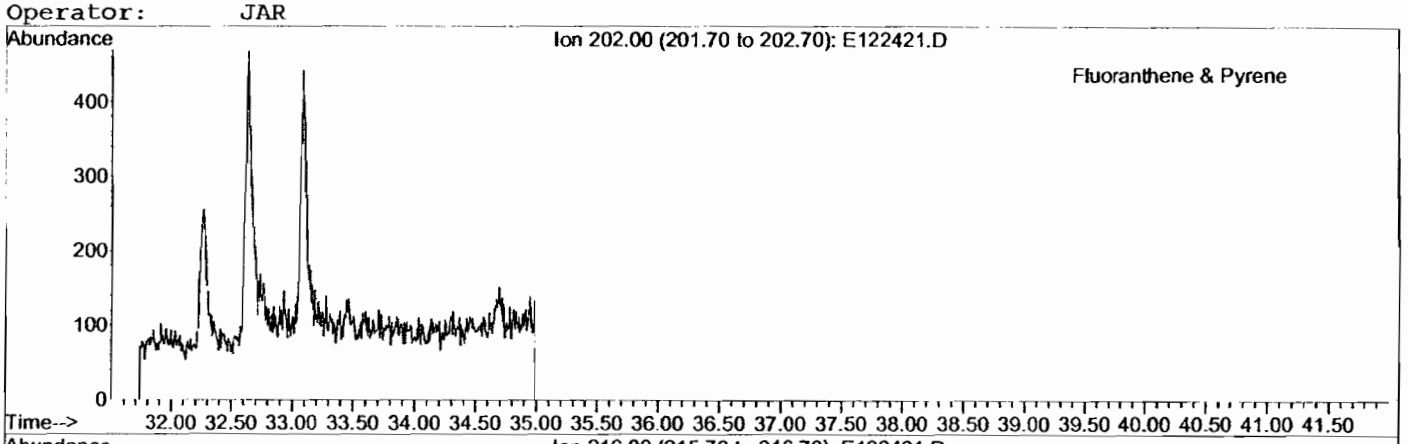
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Sample Name: PA081223-01
Misc Info: SB-4 (13-15')
Operator: JAR

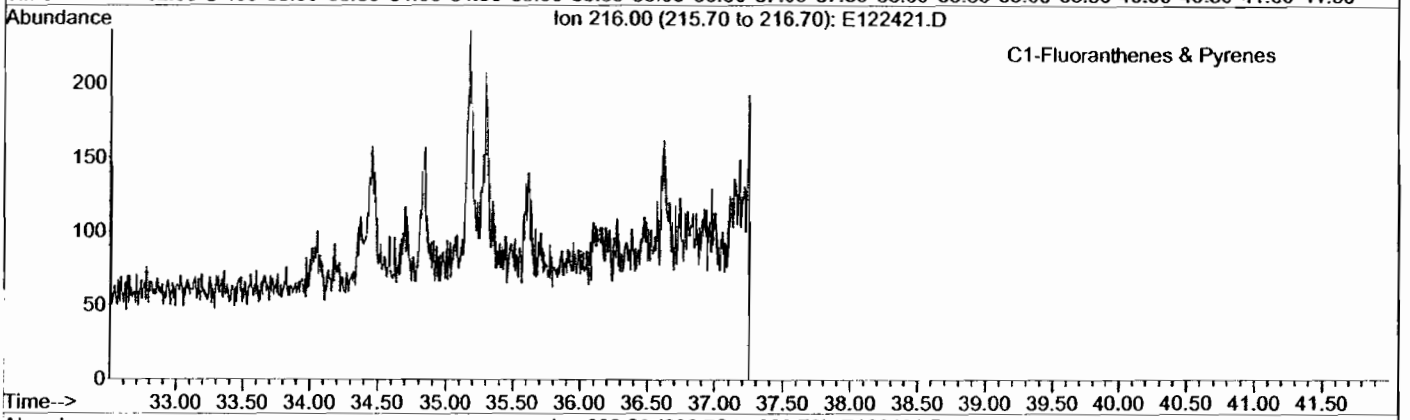


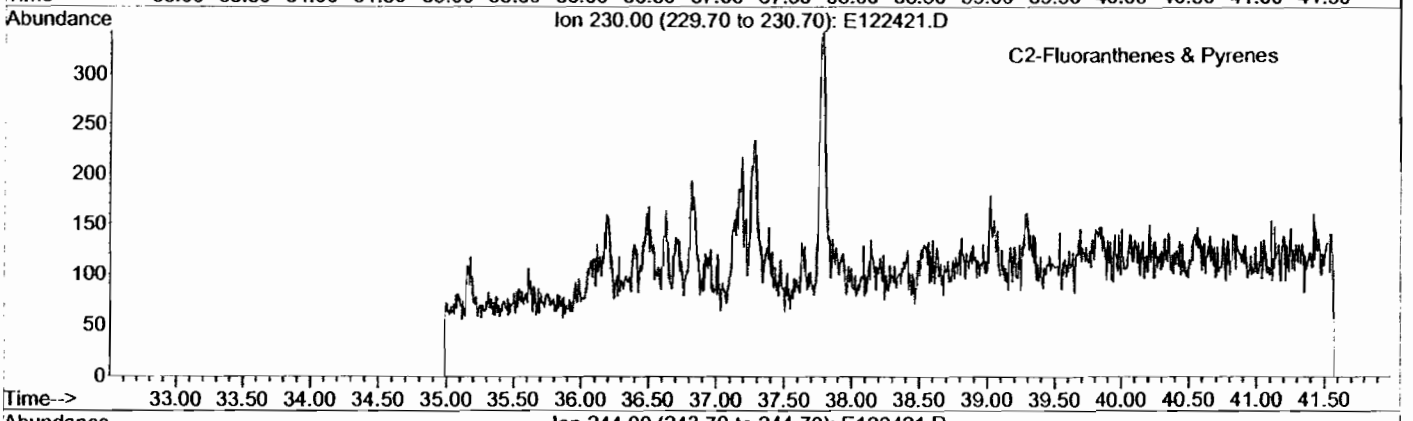
META Environmental, Inc.

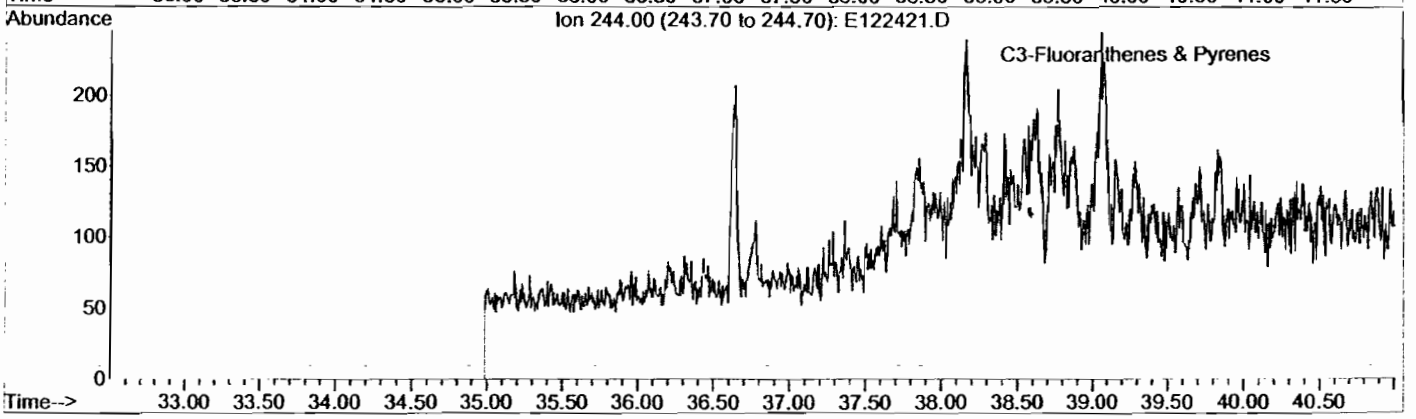
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Sample Name: PA081223-01
Misc Info: SB-4 (13-15')
Operator: JAR





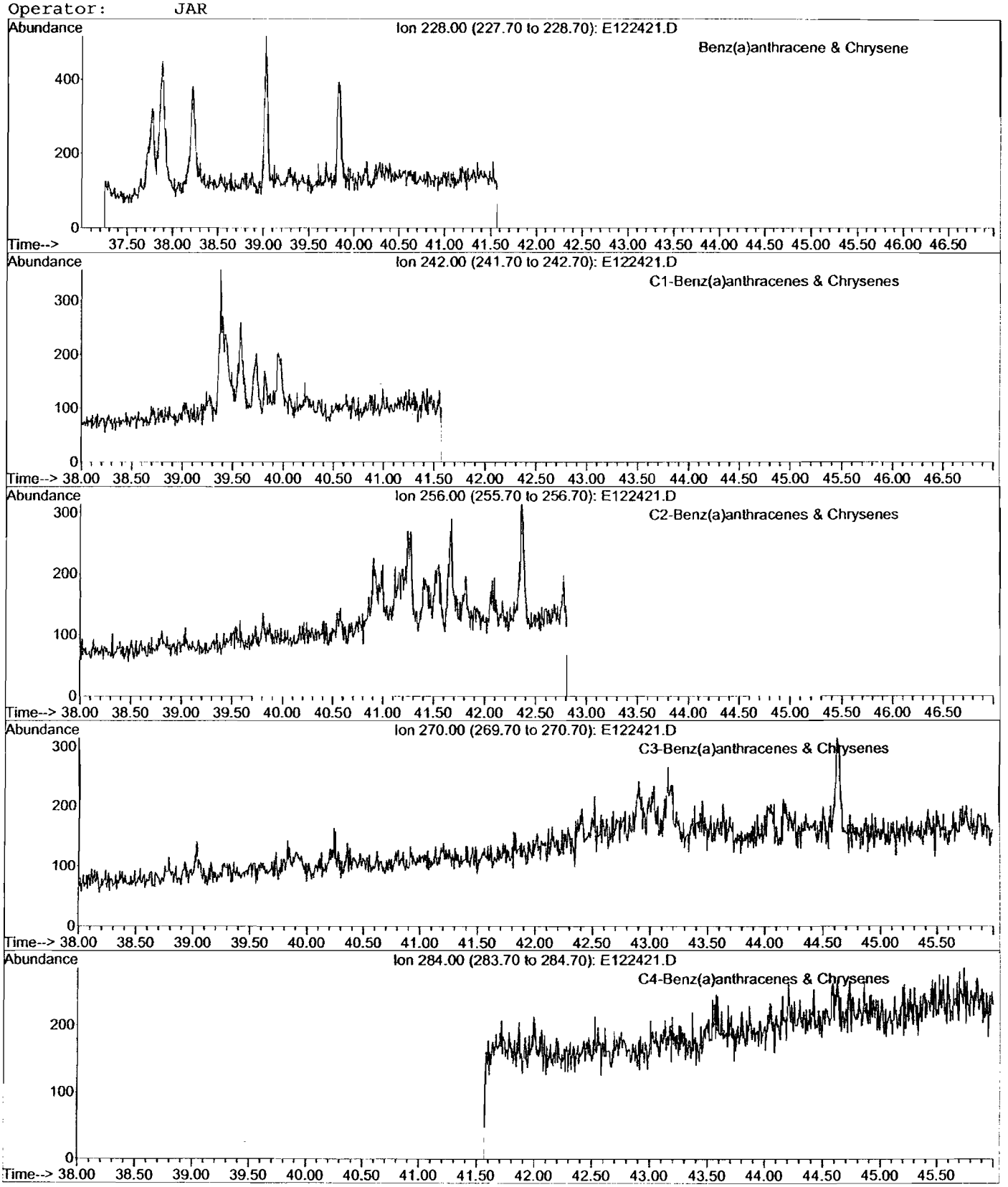




META Environmental, Inc.

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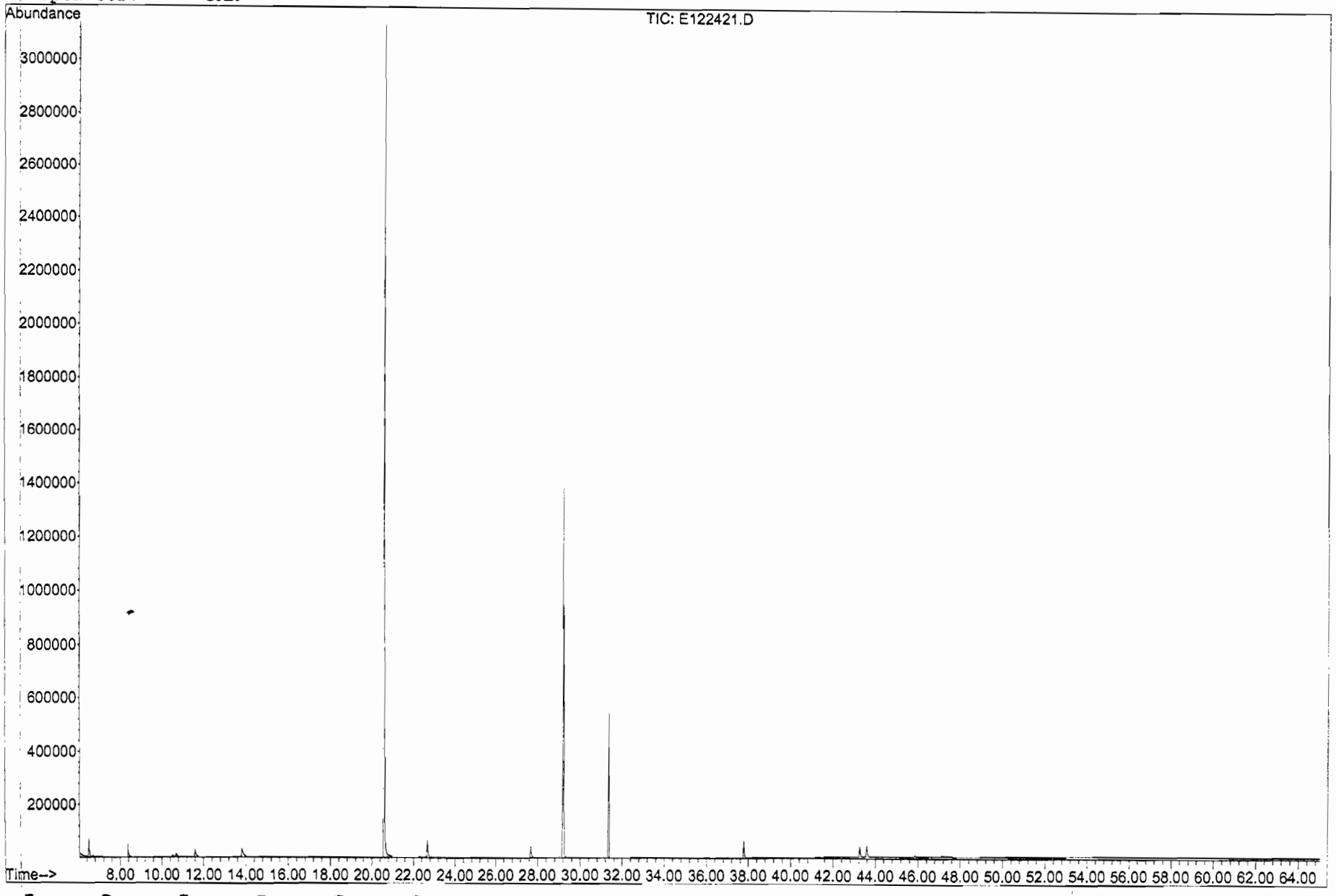
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Method File: 4008SIMD.M
Sample Name: PA081223-01
Misc Info: SB-4 (13-15')
Operator: JAR



META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

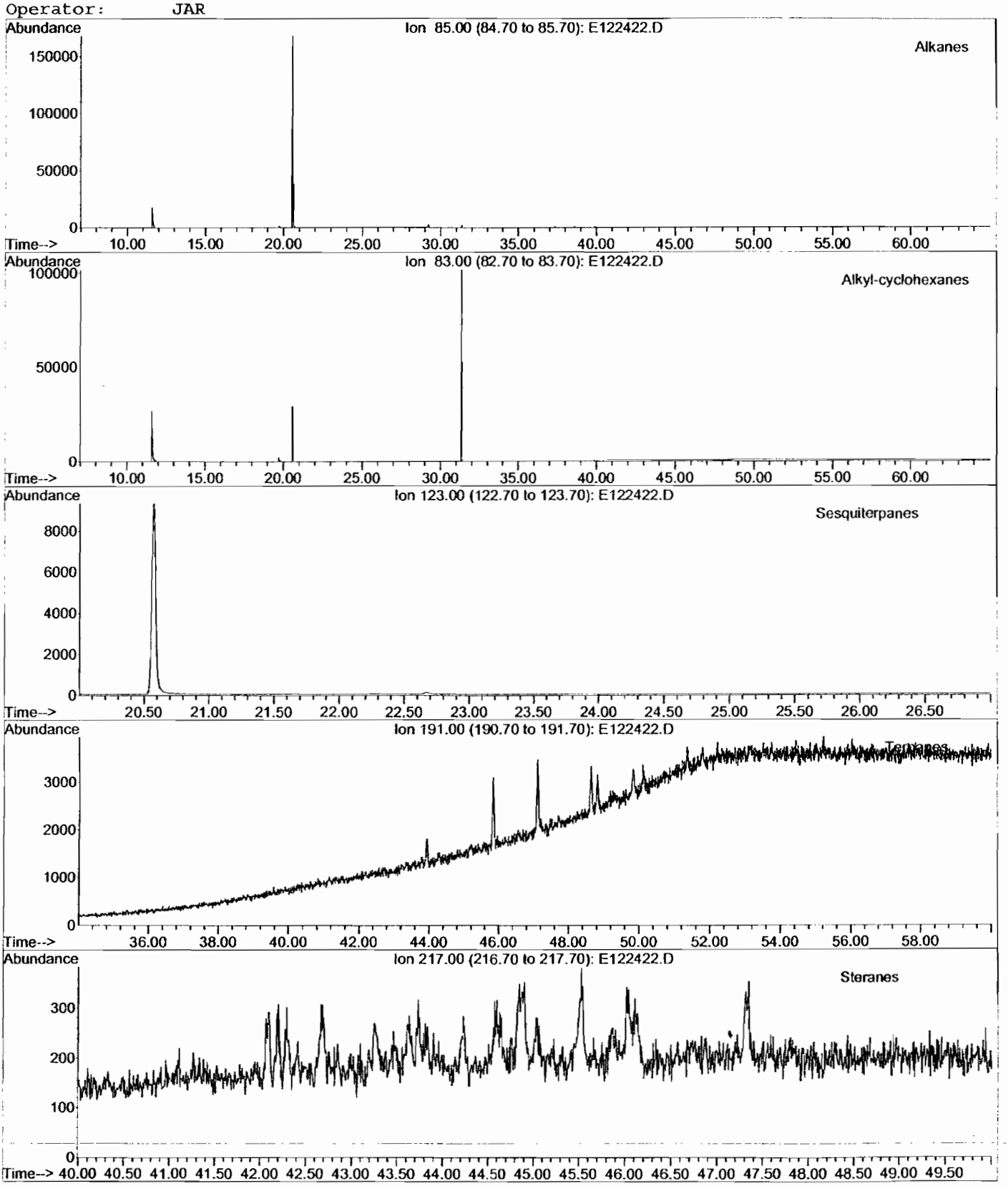
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Method File: 4008SIMD.M
Sample Name: PA081223-01
Misc Info: SB-4 (13-15')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

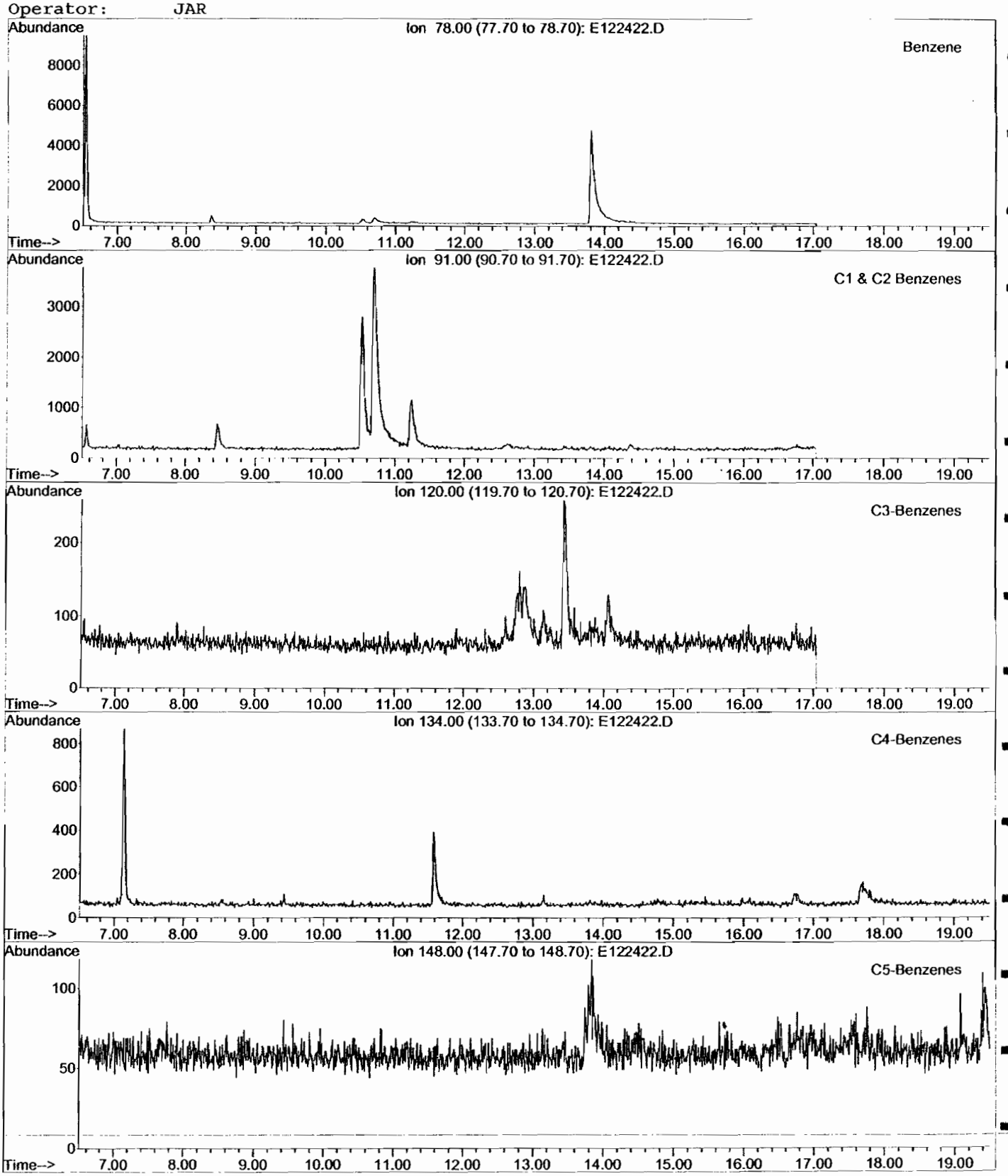
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Misc Info: Duplicate of SB-4 (13-15')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

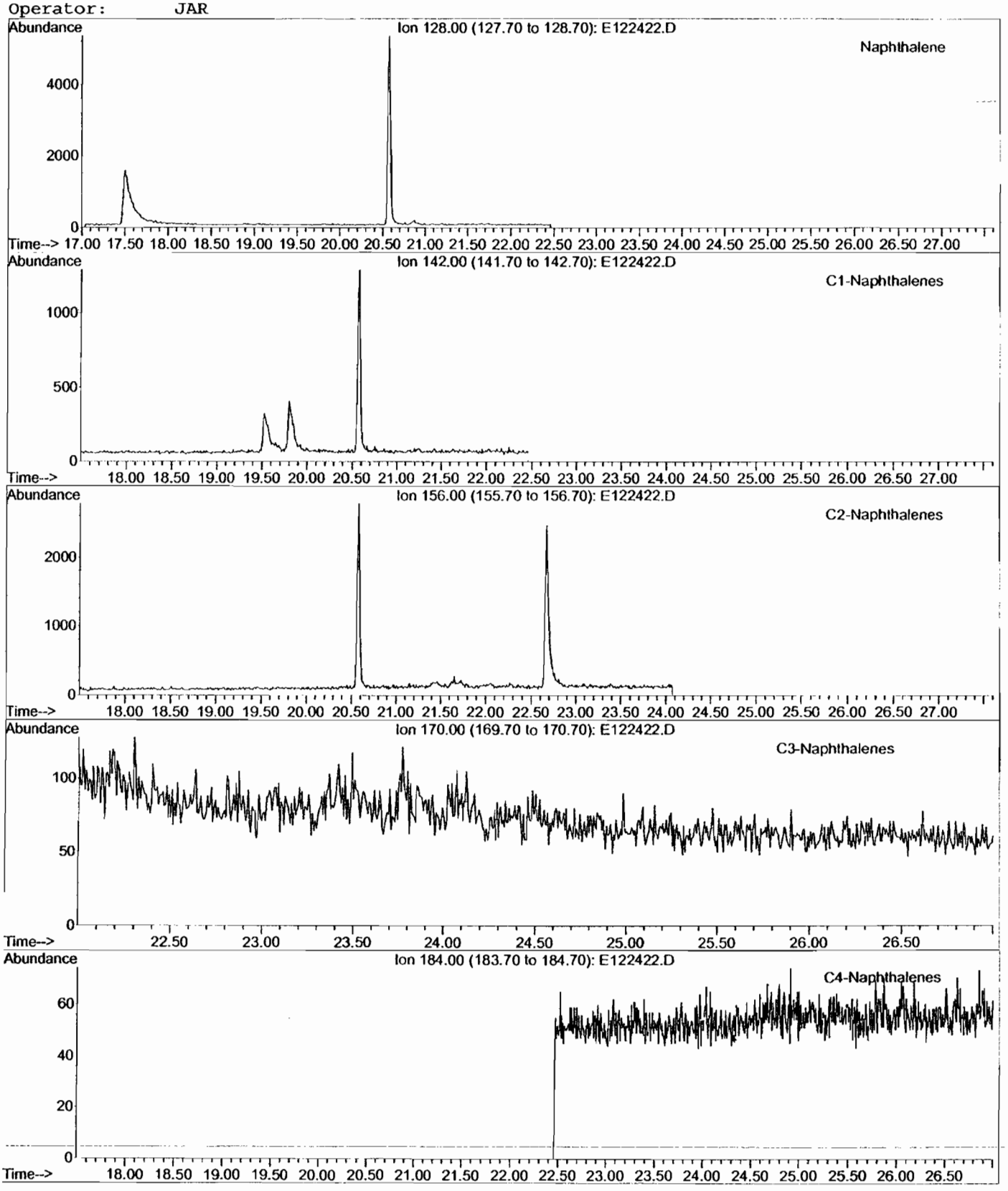
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Misc Info: Duplicate of SB-4 (13-15')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

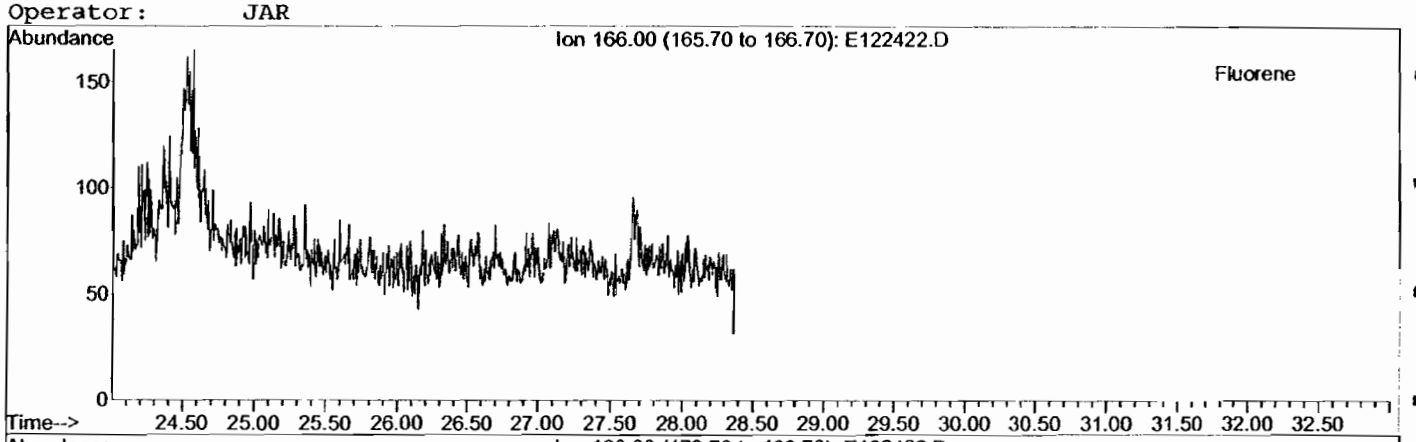
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Operator: JAR

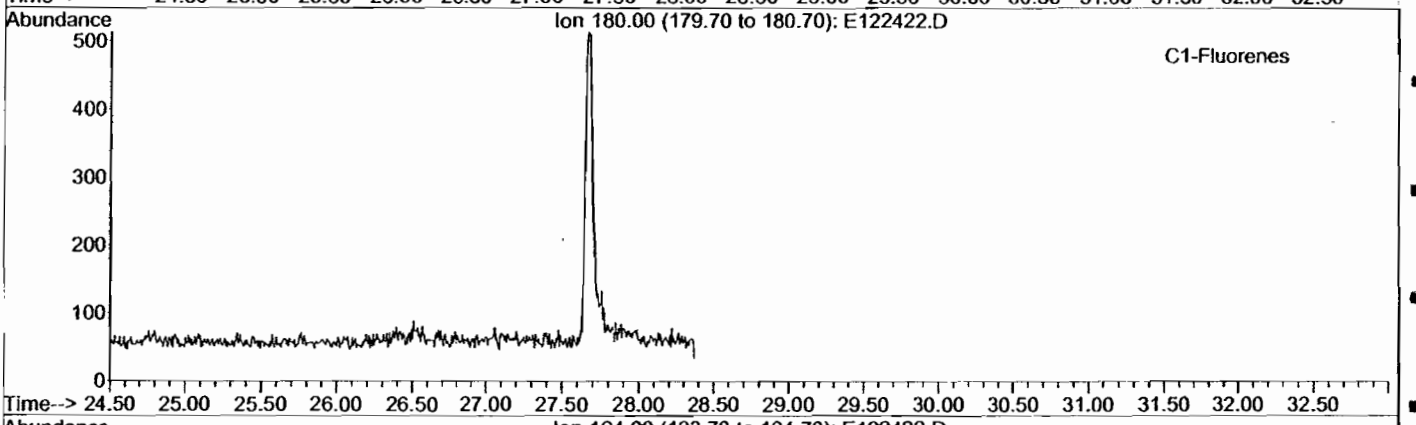


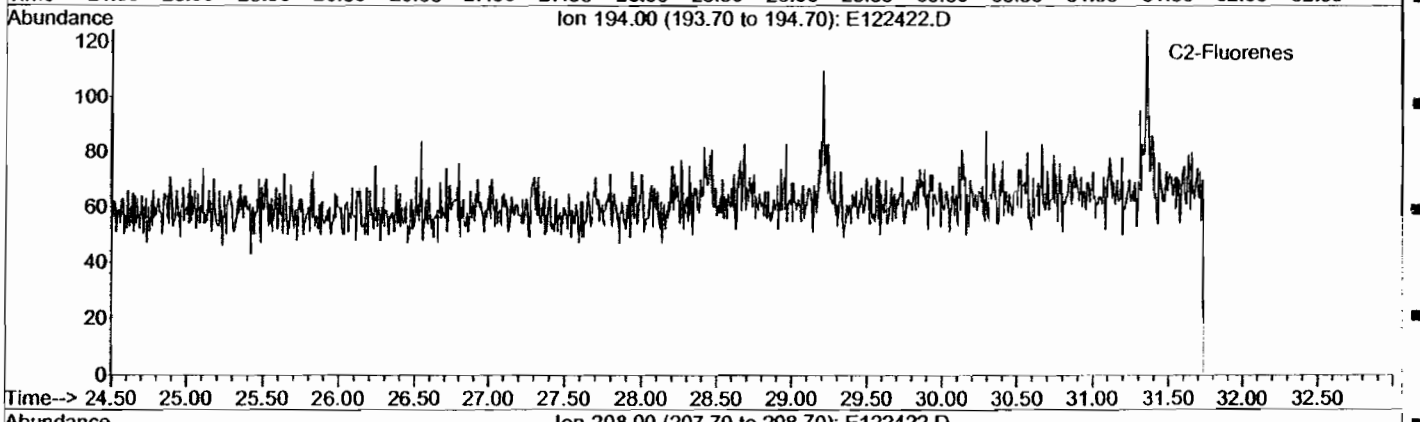
META Environmental, Inc.

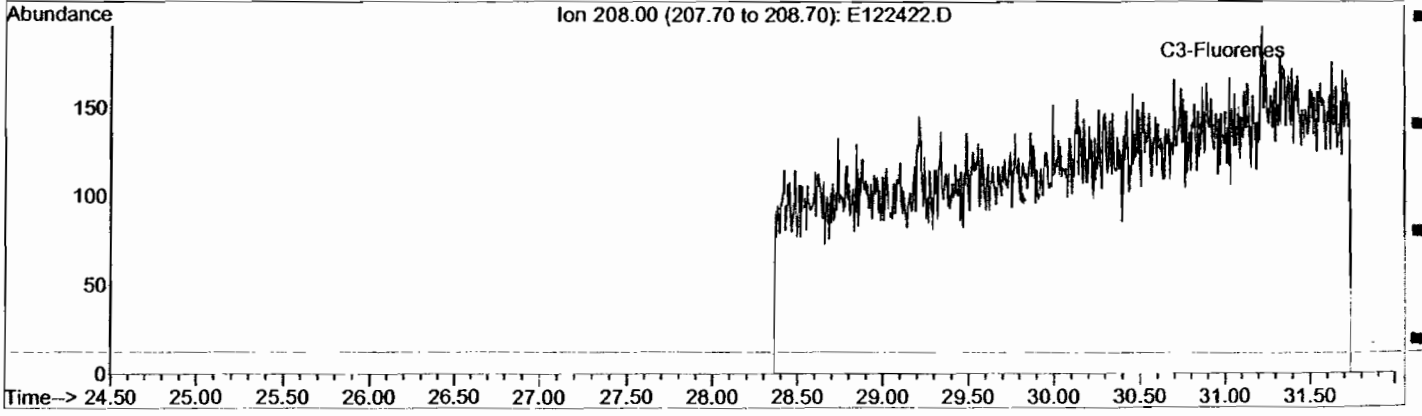
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Sample Name: PA081223-01DUP
Misc Info: Duplicate of SB-4 (13-15')
Operator: JAR





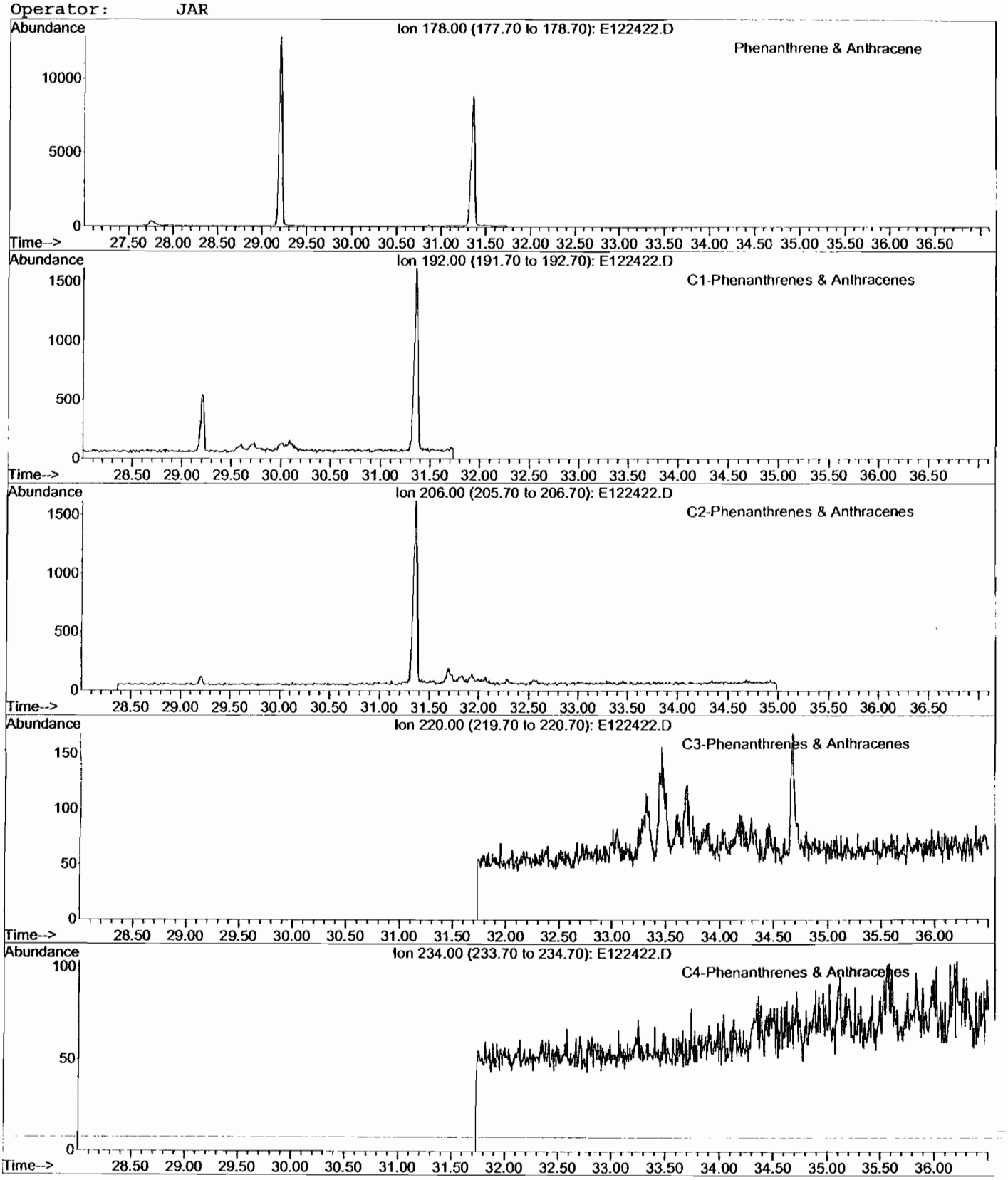




META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

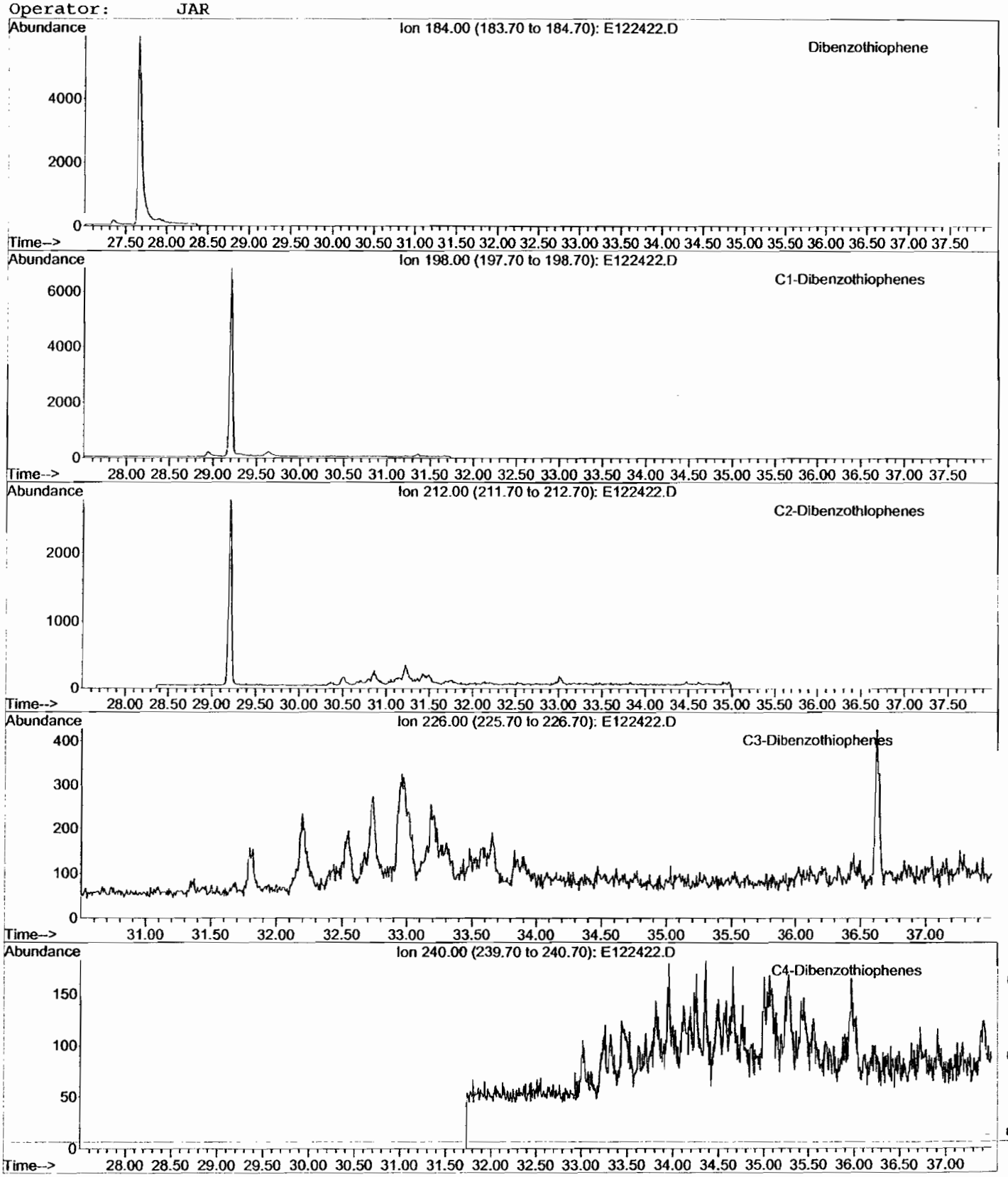
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Method File: 4008SIMD.M
Sample Name: PA081223-01DUP
Misc Info: Duplicate of SB-4 (13-15')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

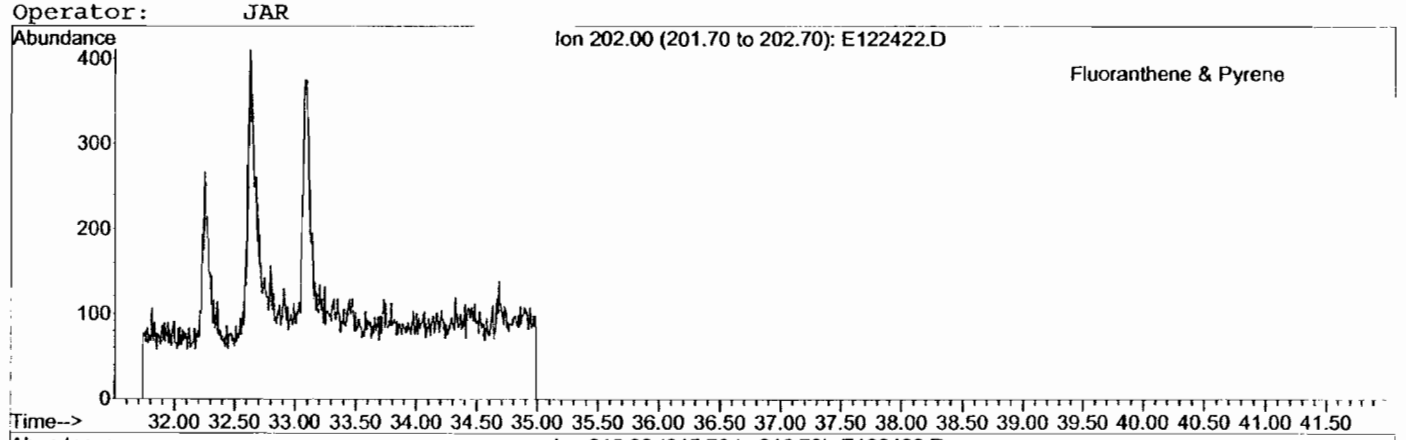
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Method File: 4008SIMD.M
Sample Name: PA081223-01DUP
Misc Info: Duplicate of SB-4 (13-15')
Operator: JAR

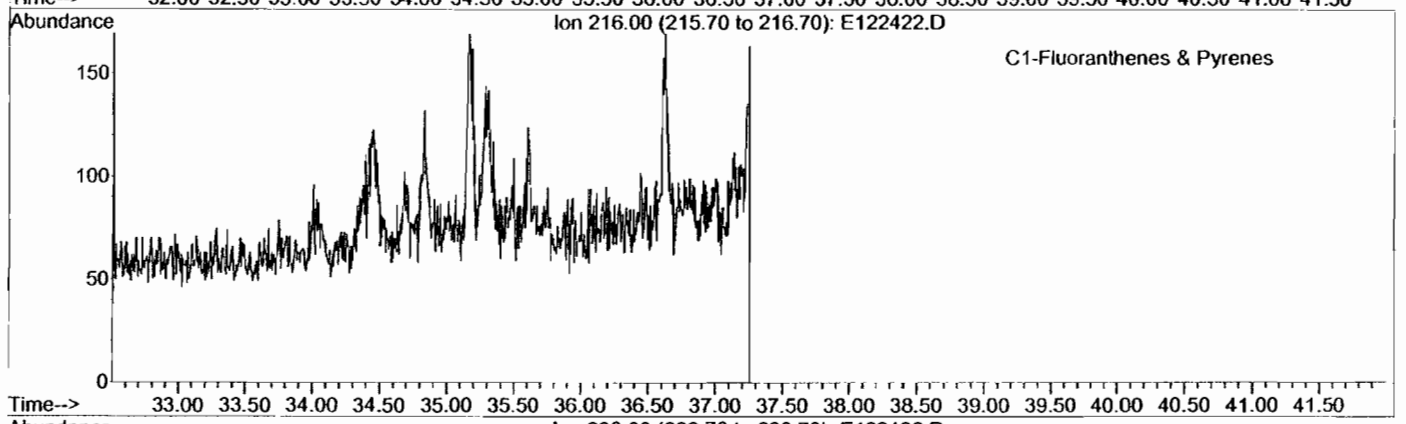


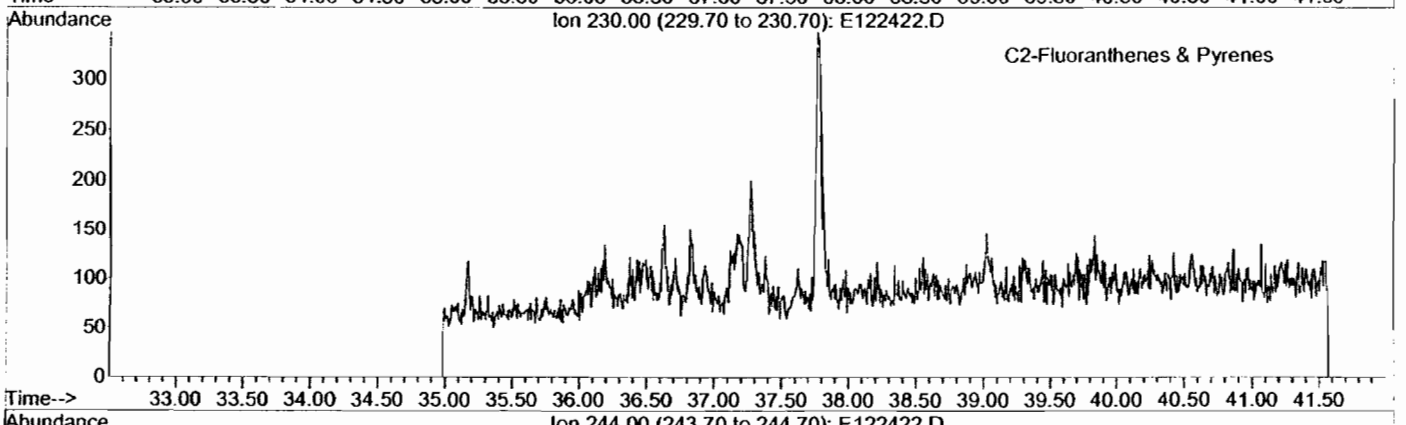
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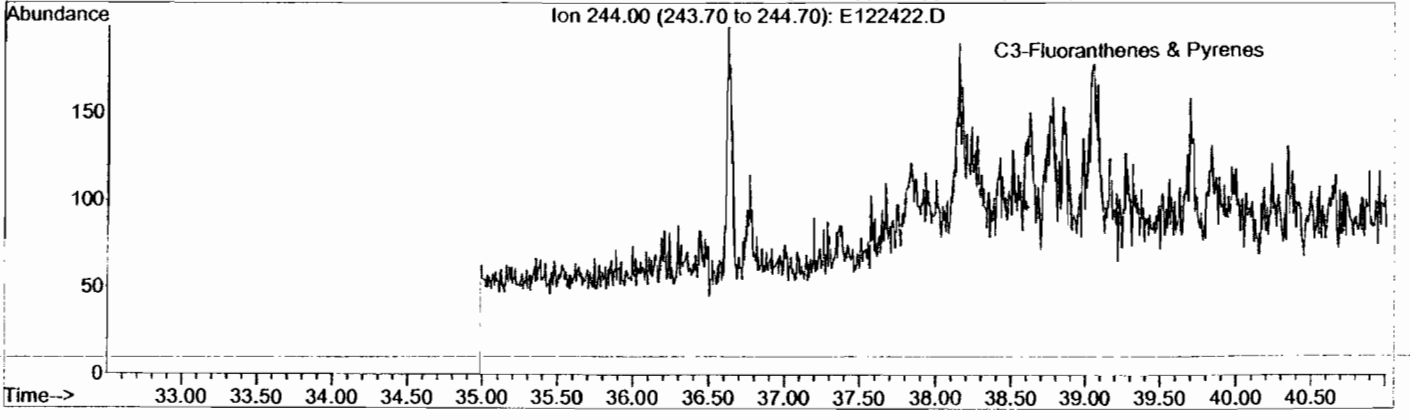
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Method File: 4008SIMD.M
Sample Name: PA081223-01DUP
Misc Info: Duplicate of SB-4 (13-15')
Operator: JAR





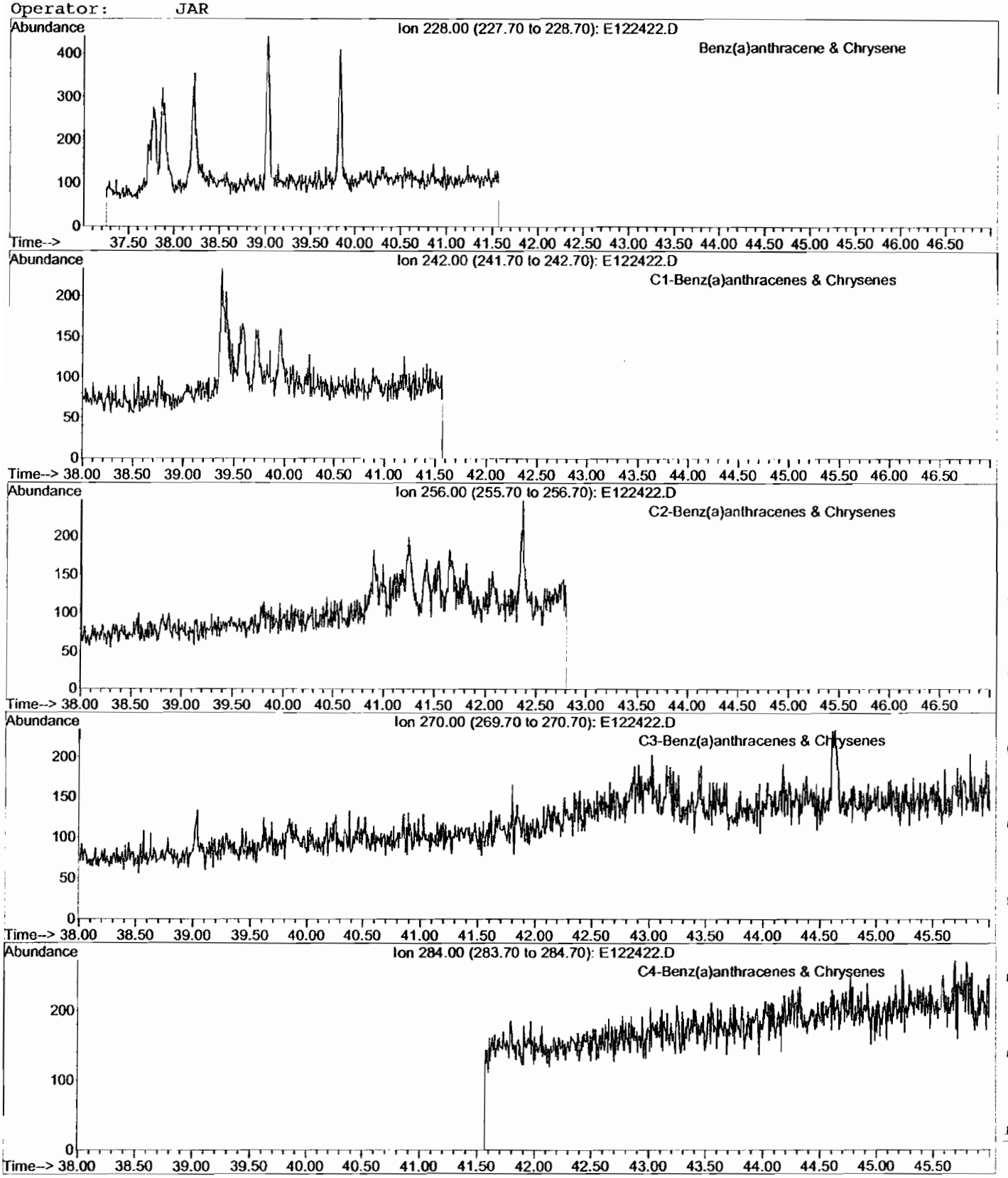




META Environmental, Inc.

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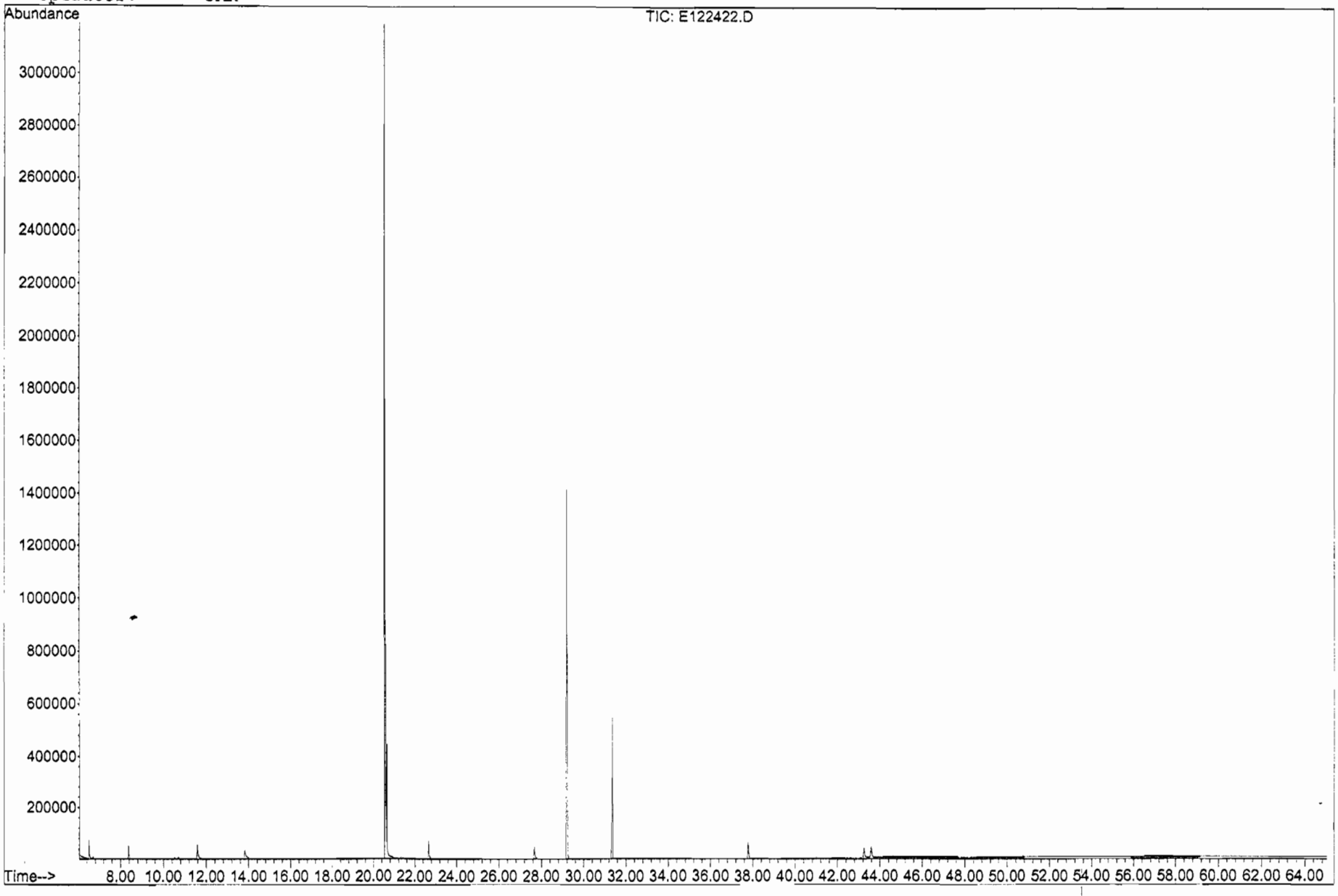
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Misc Info: Duplicate of SB-4 (13-15')
Operator: JAR



META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

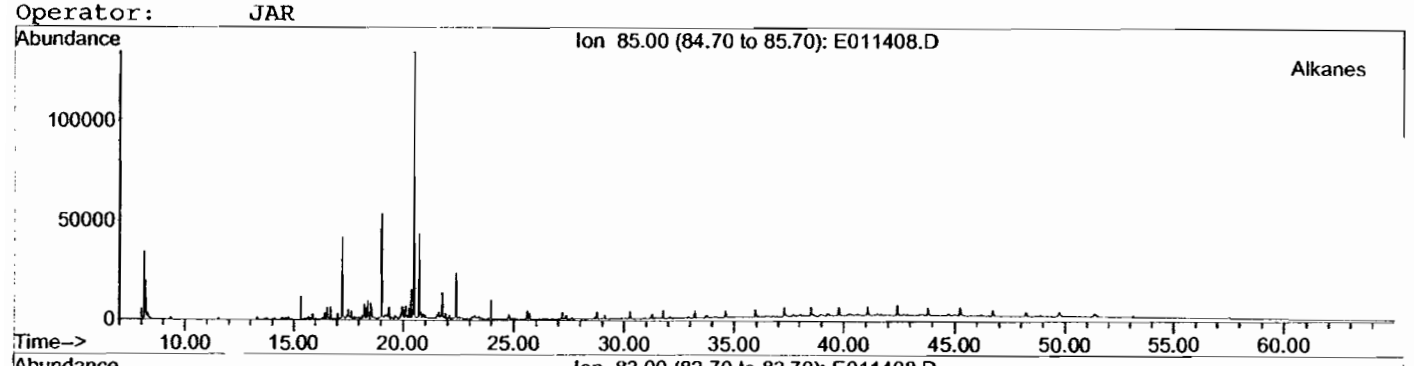
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Operator: JAR

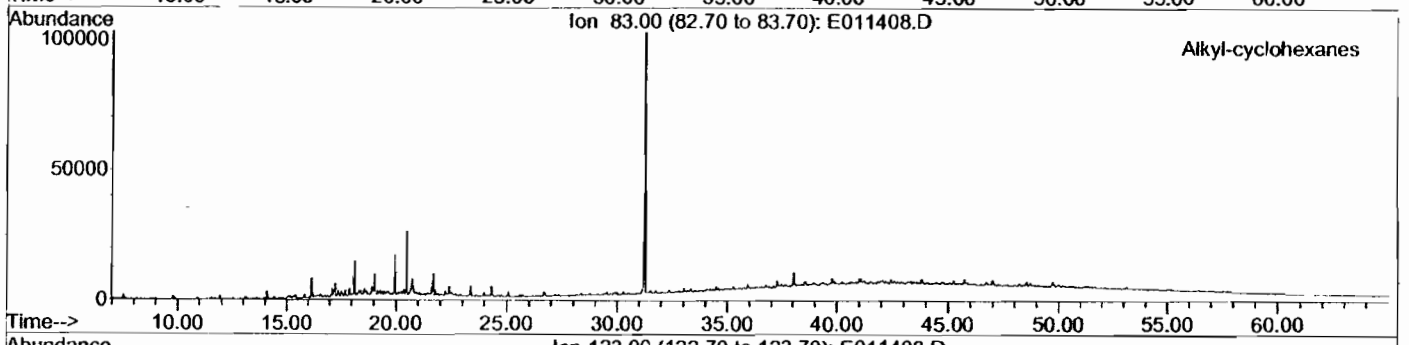


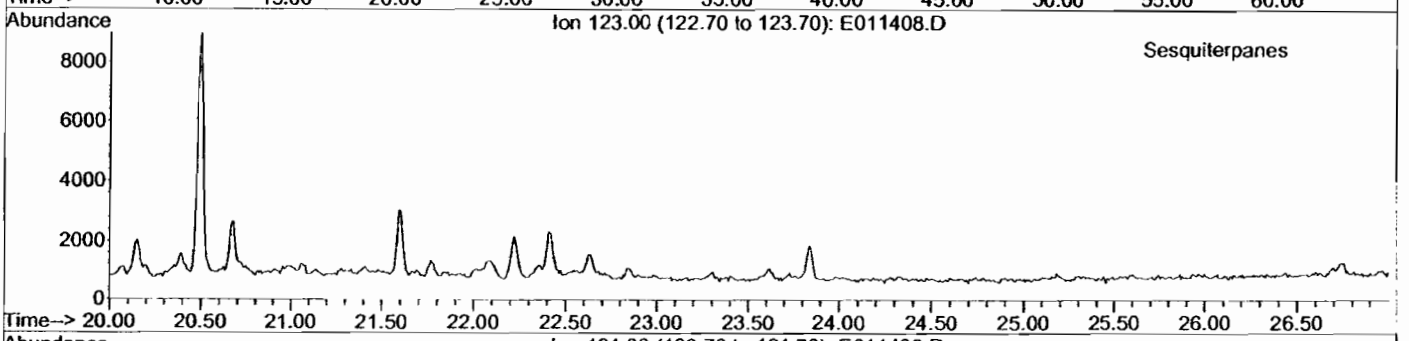
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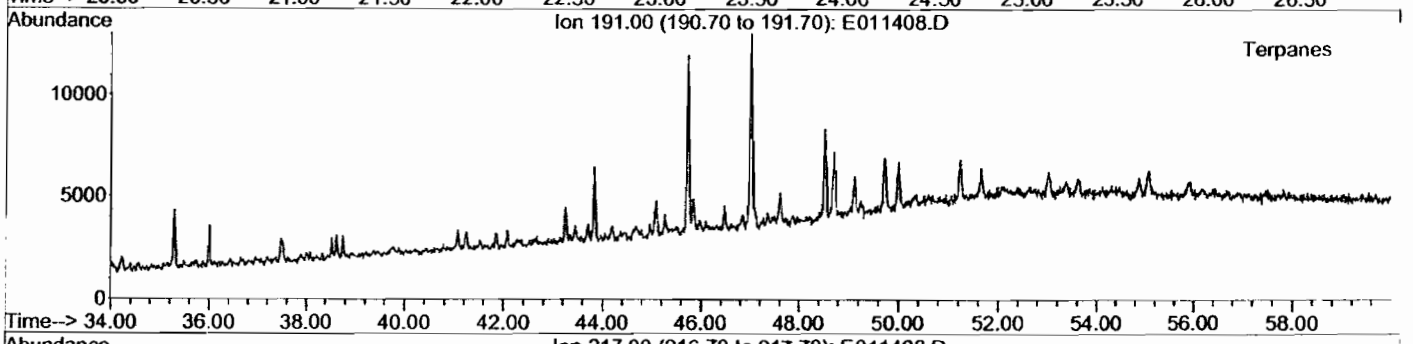
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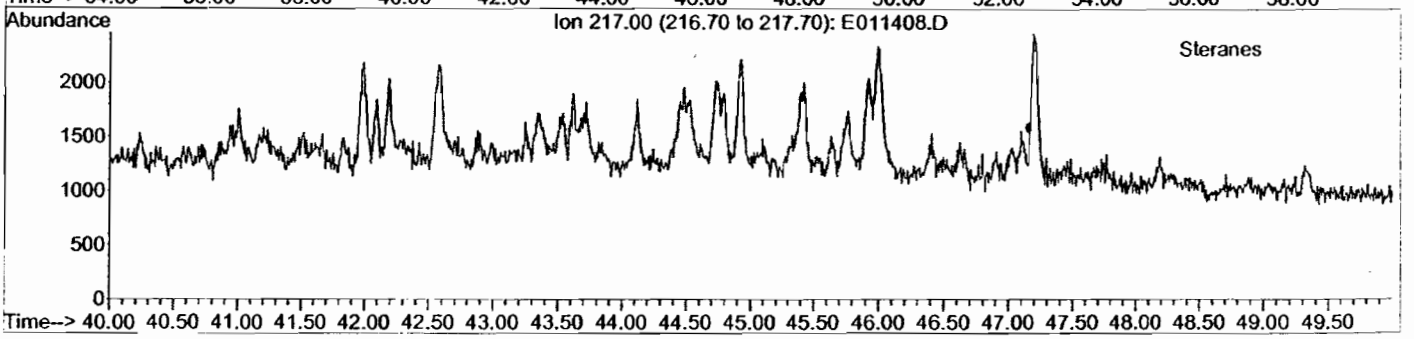
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Sample Name: PA090106-01
Misc Info: SB-5 (21-23')
Operator: JAR







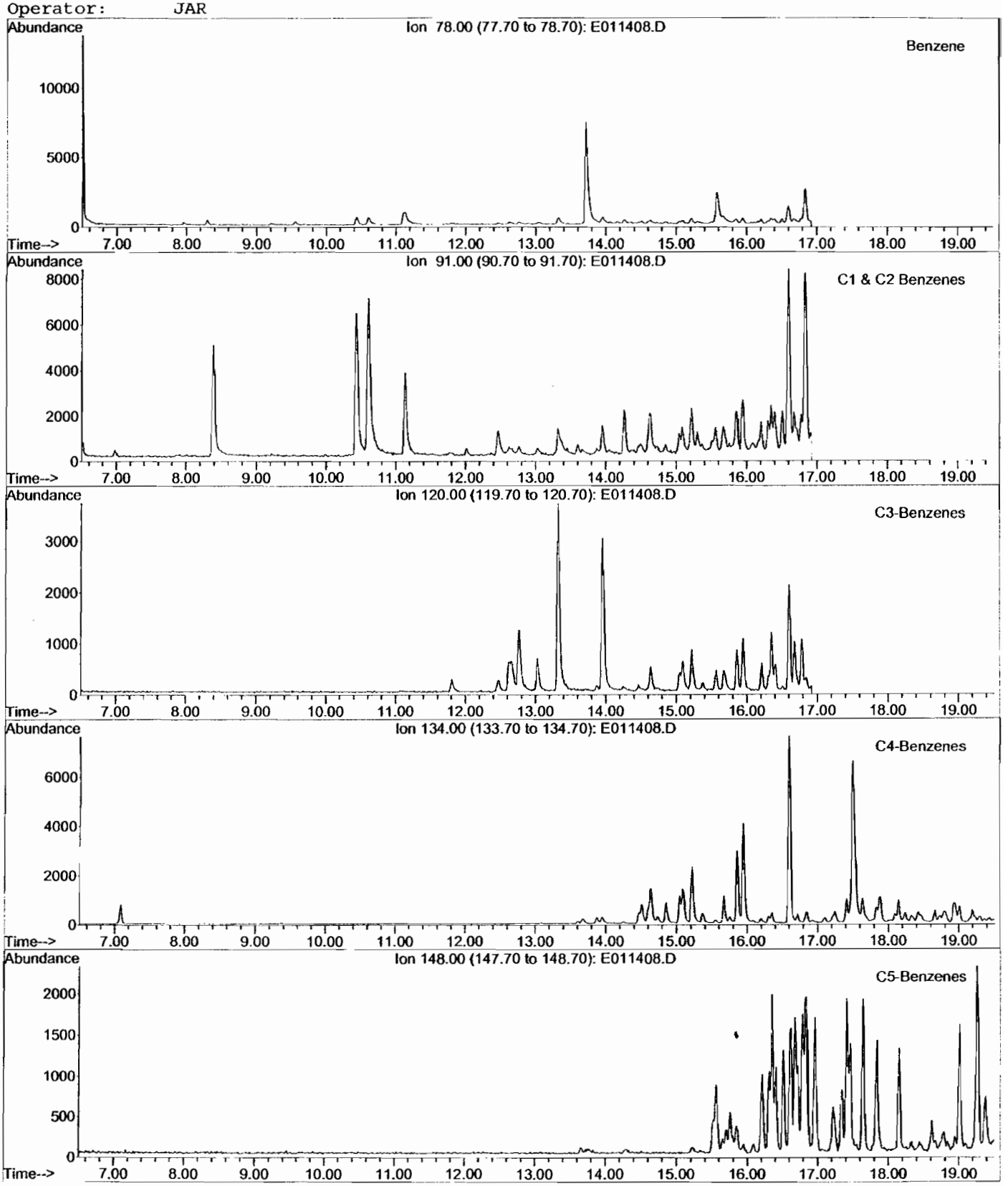




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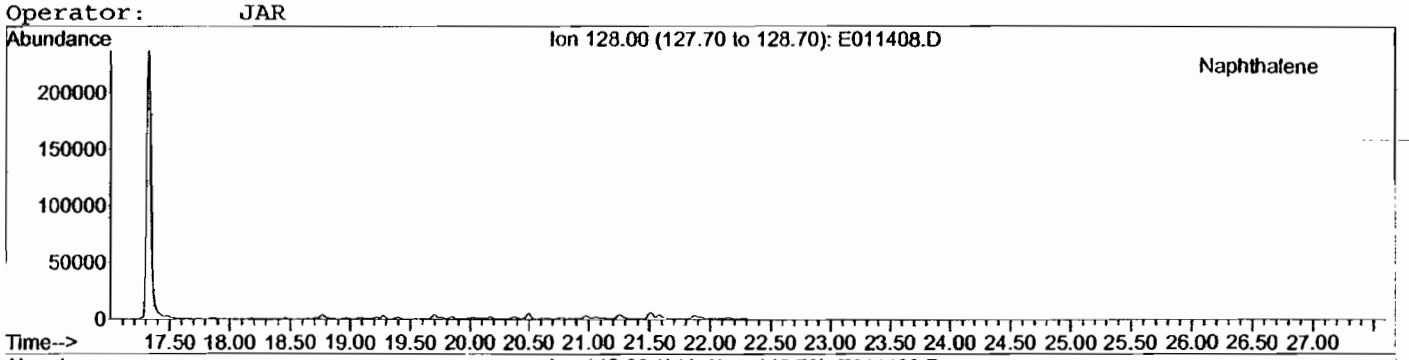
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Misc Info: SB-5 (21-23')
Operator: JAR

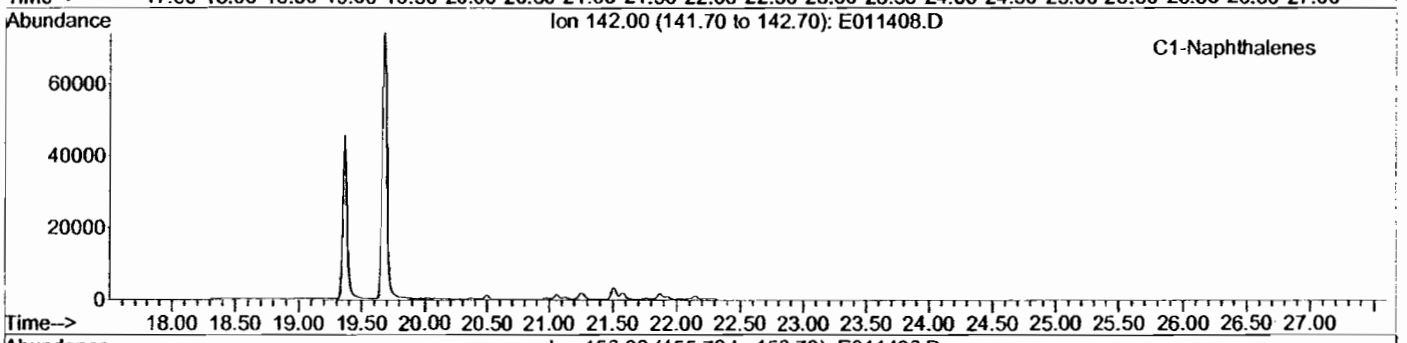


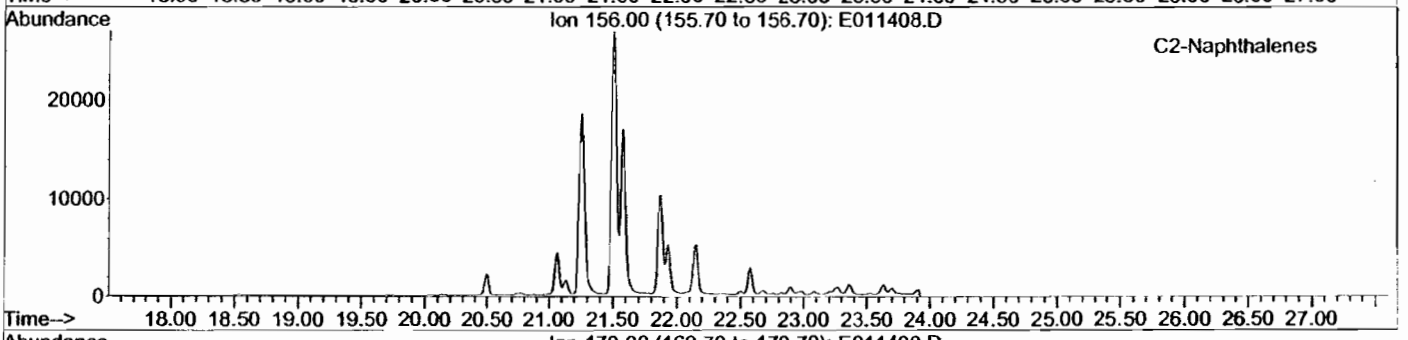
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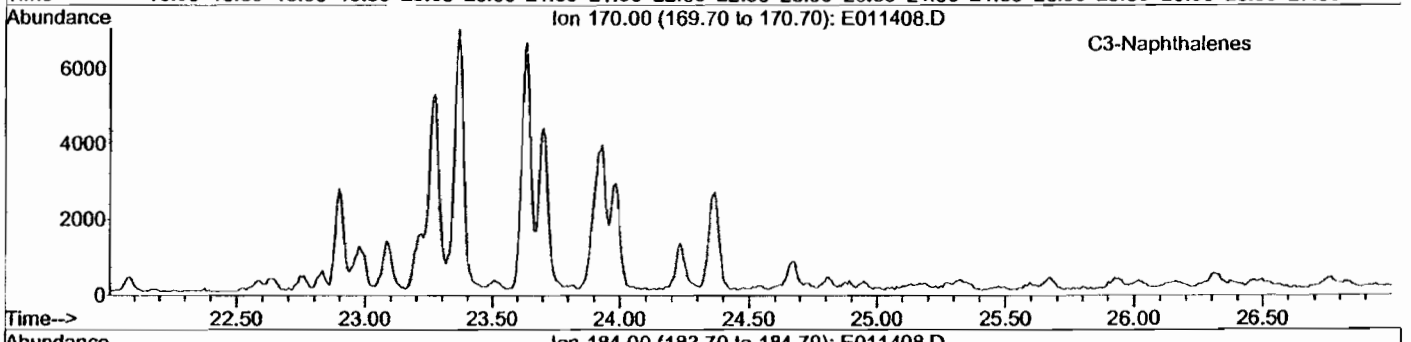
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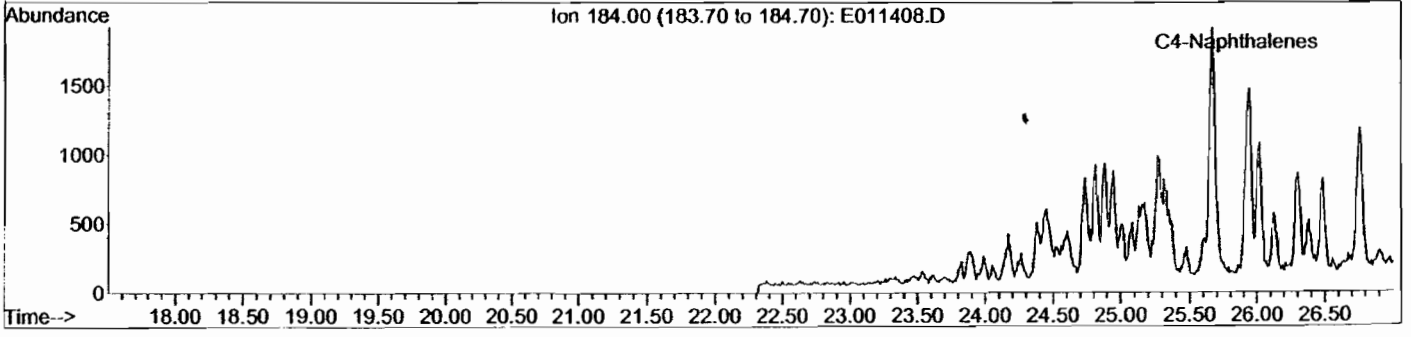
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Misc Info: SB-5 (21-23')
Operator: JAR







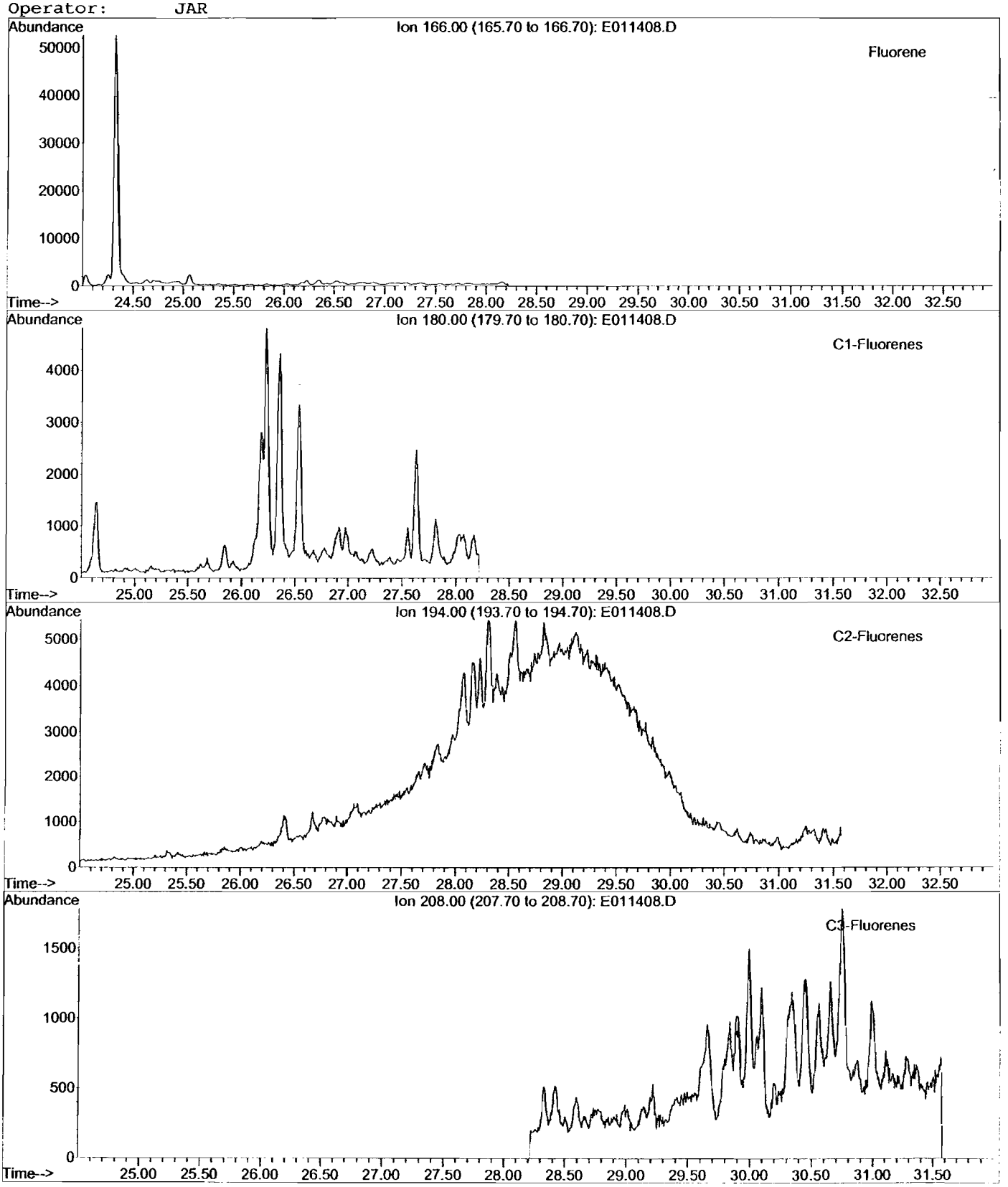




META Environmental, Inc.

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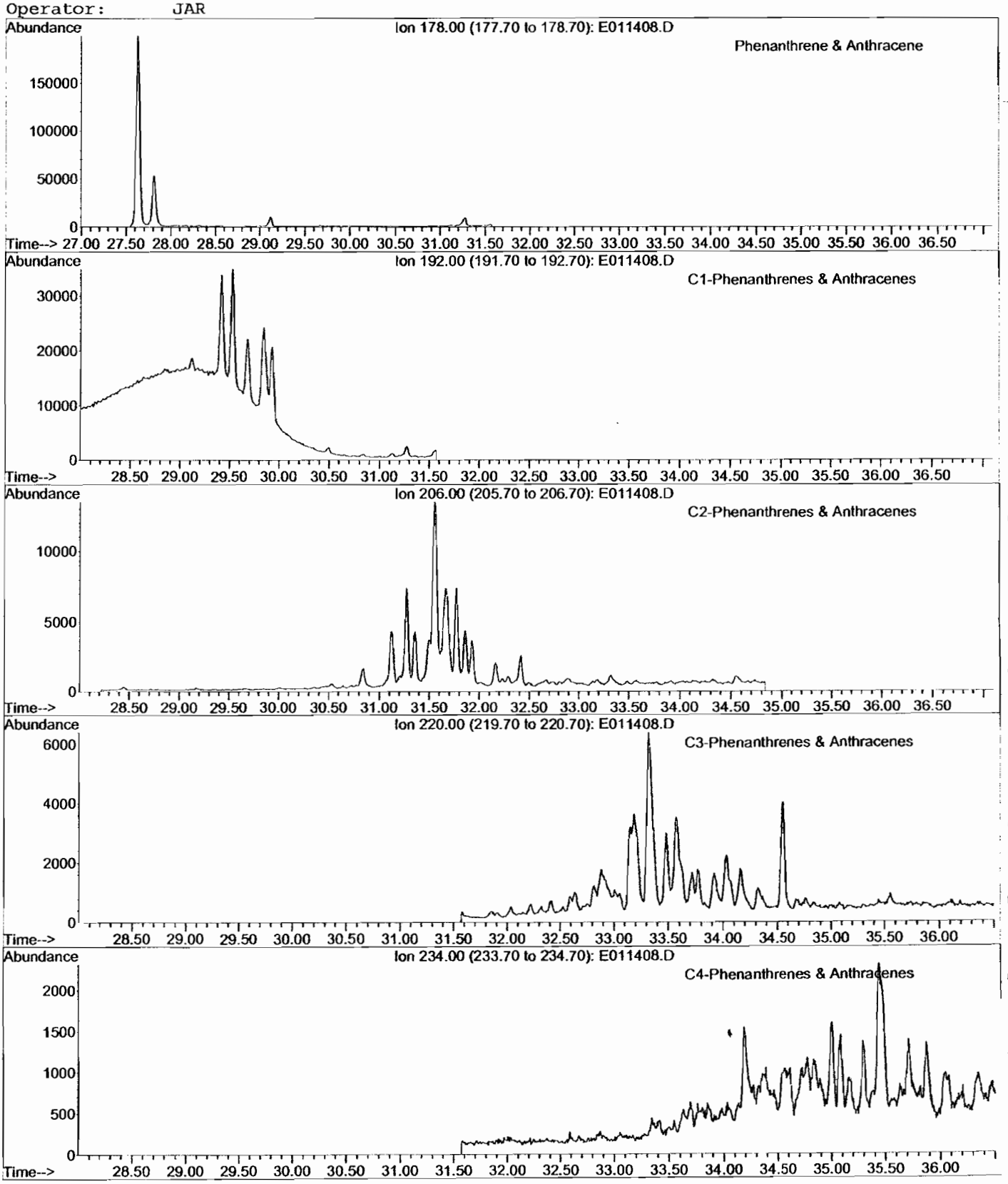
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META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

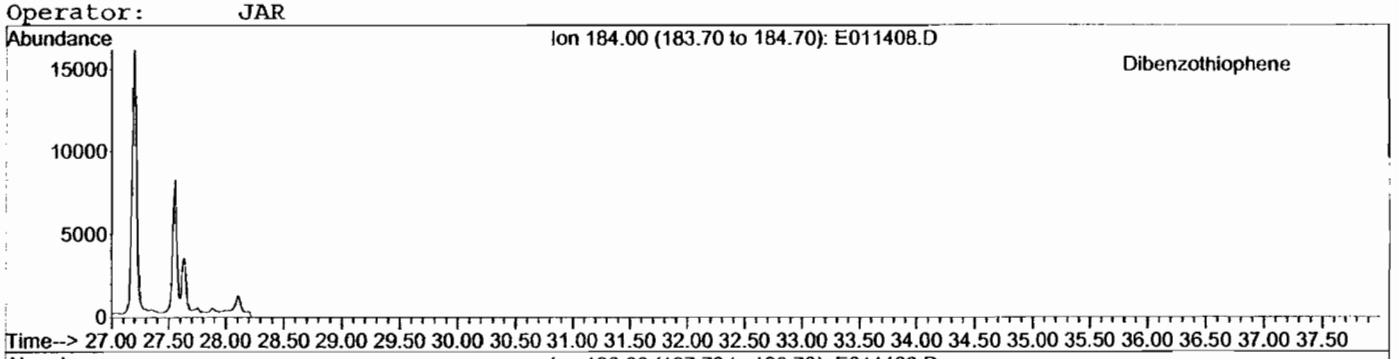
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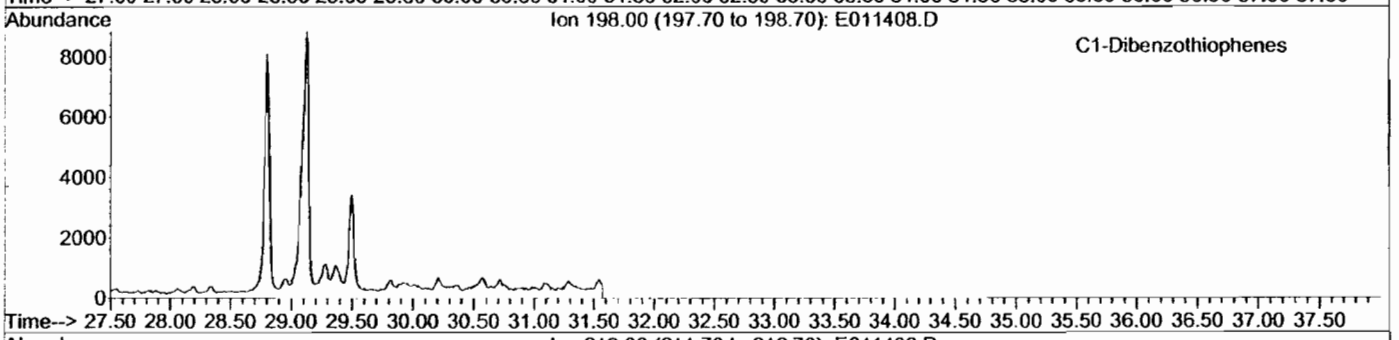


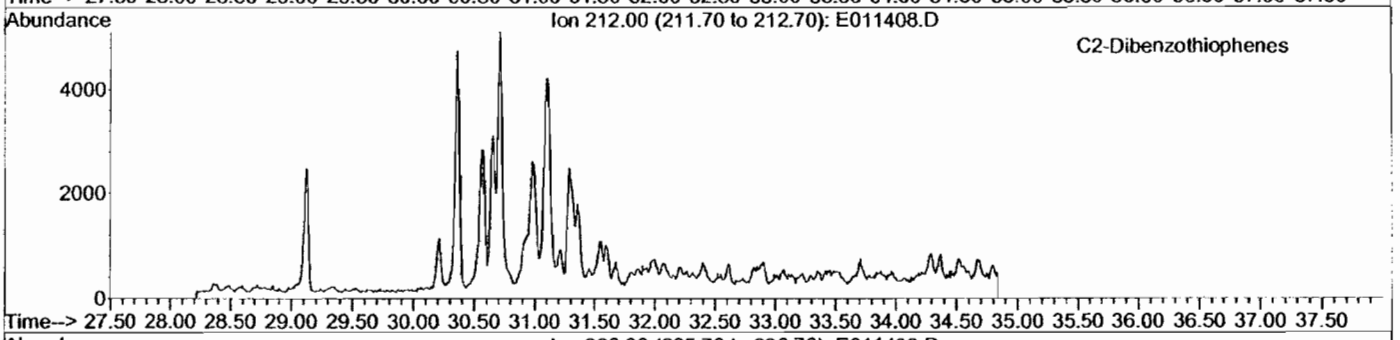
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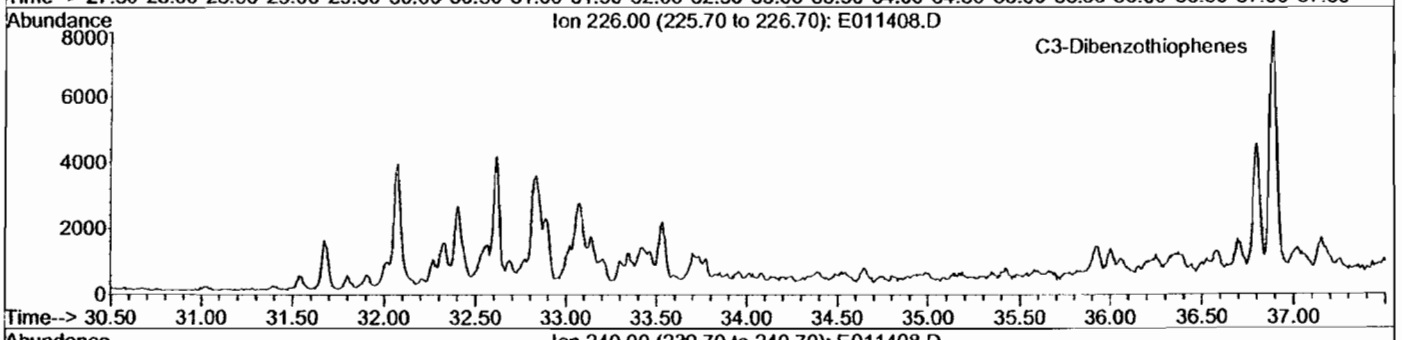
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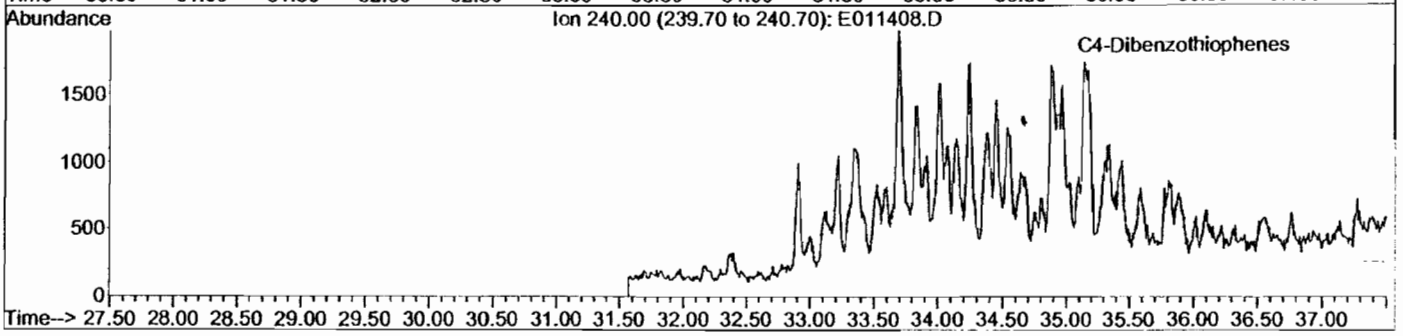
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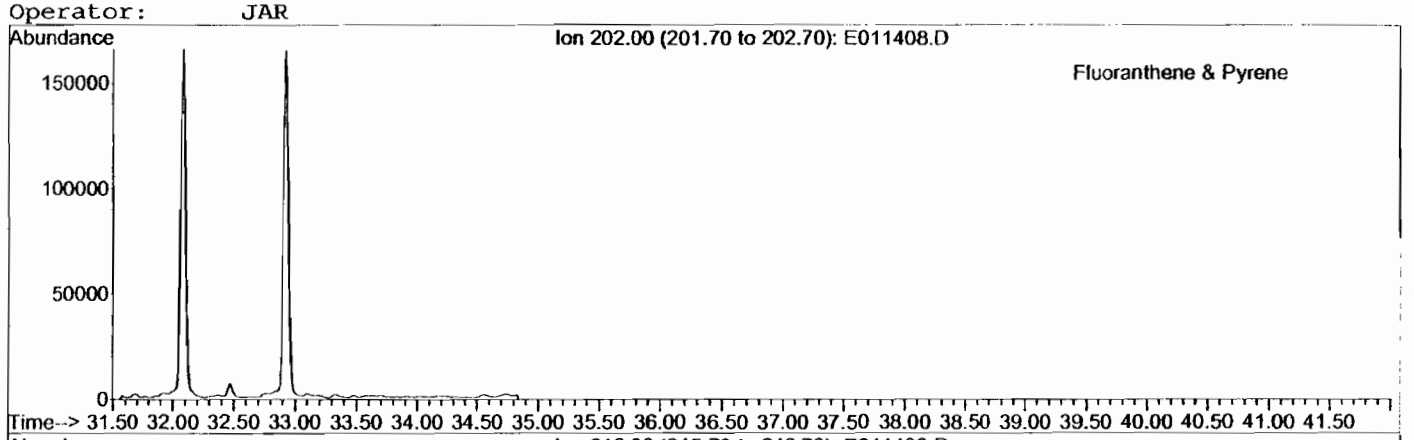


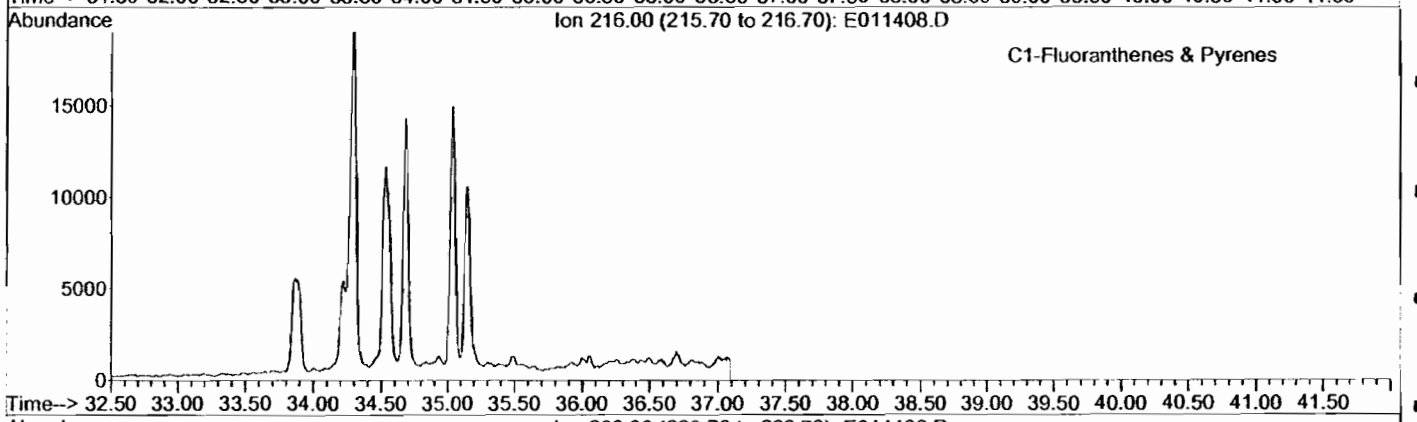


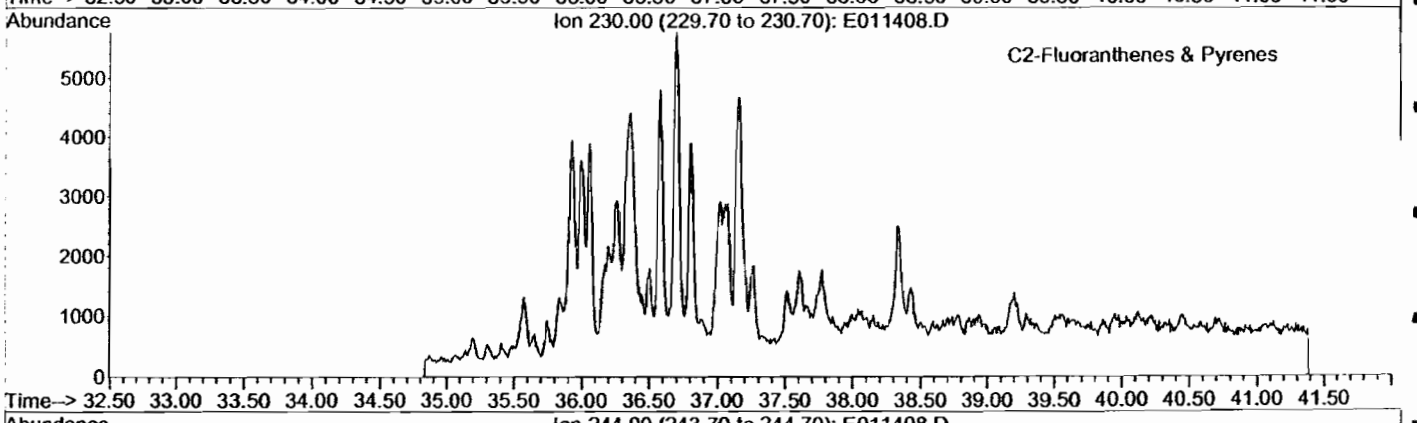
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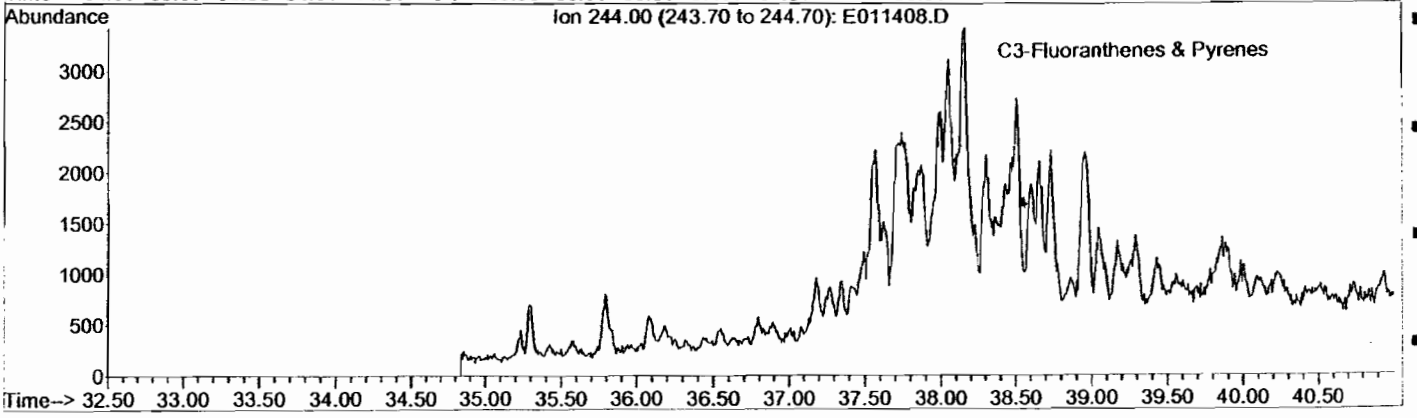
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Sample Name: PA090106-01
Misc Info: SB-5 (21-23')
Operator: JAR





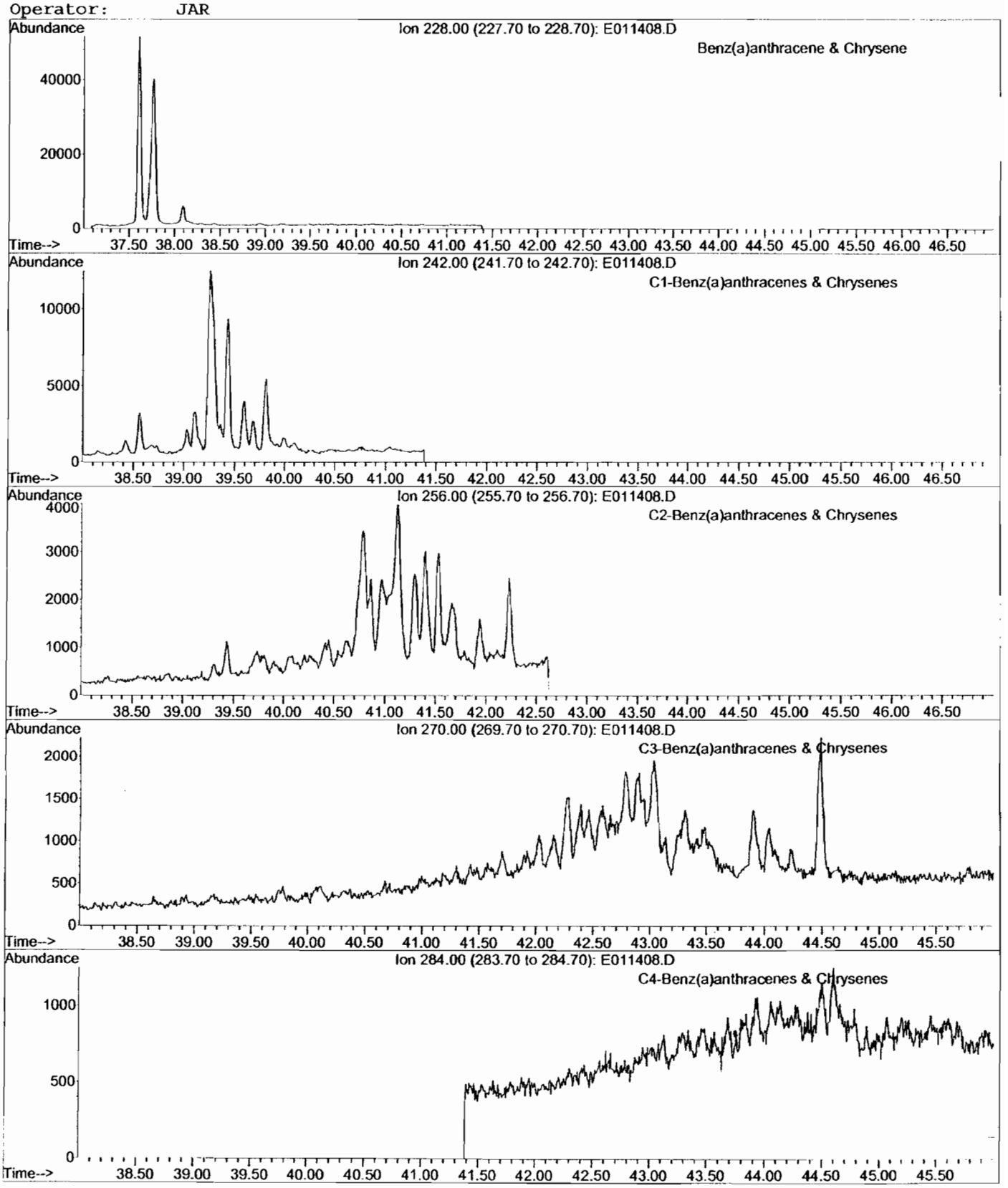




META Environmental, Inc.

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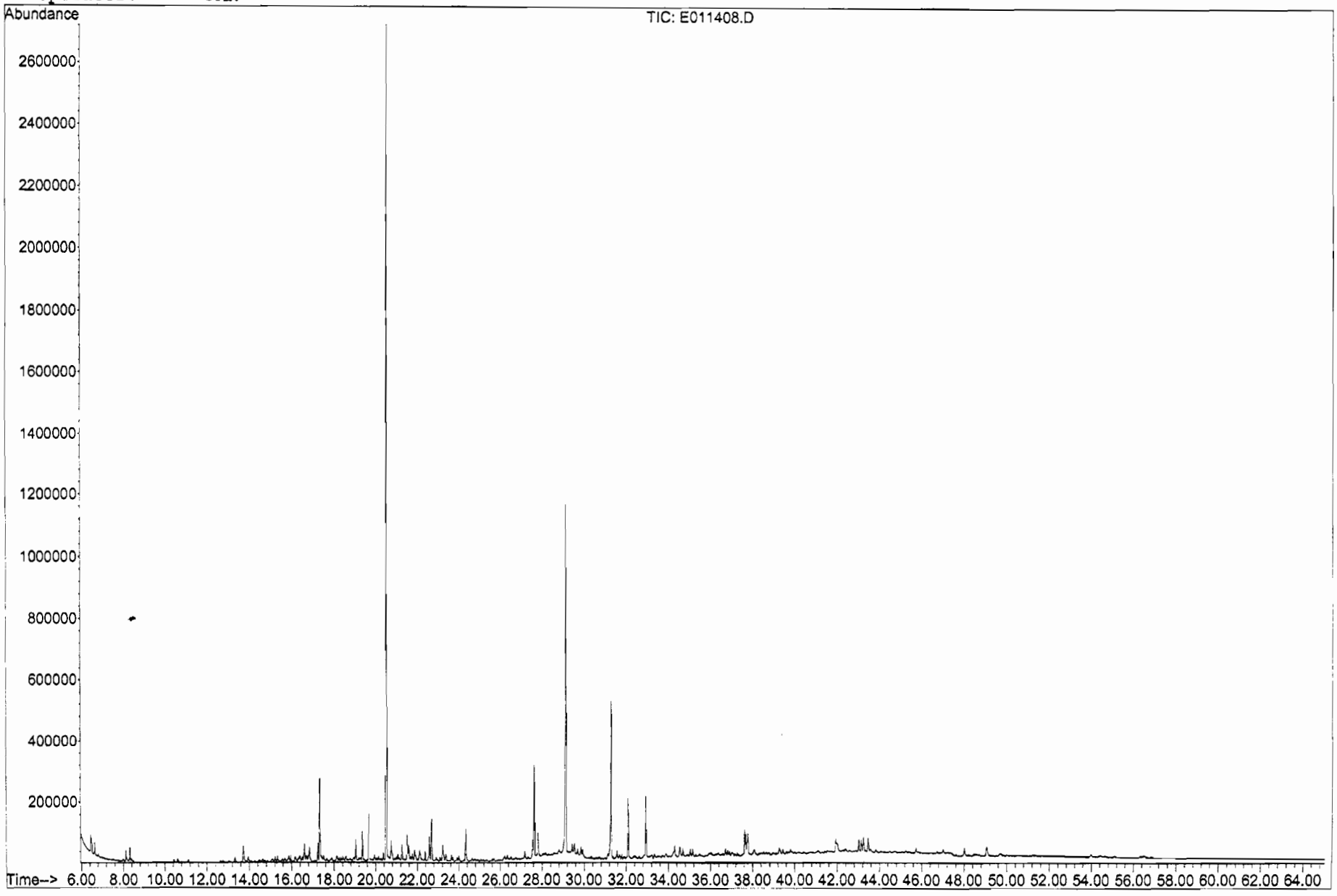
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Operator: JAR



META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

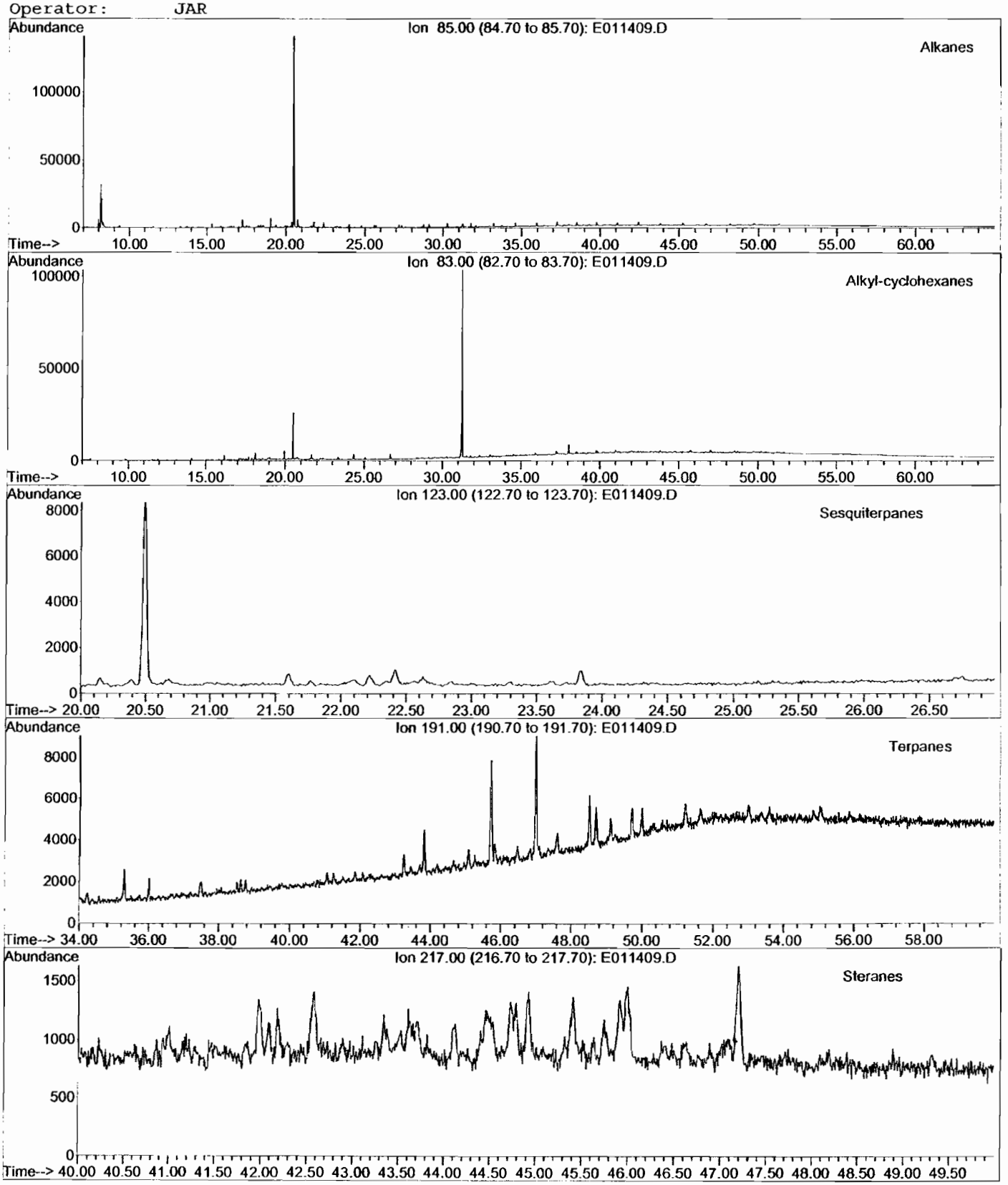
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Misc Info: SB-5 (21-23')
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META Environmental, Inc.

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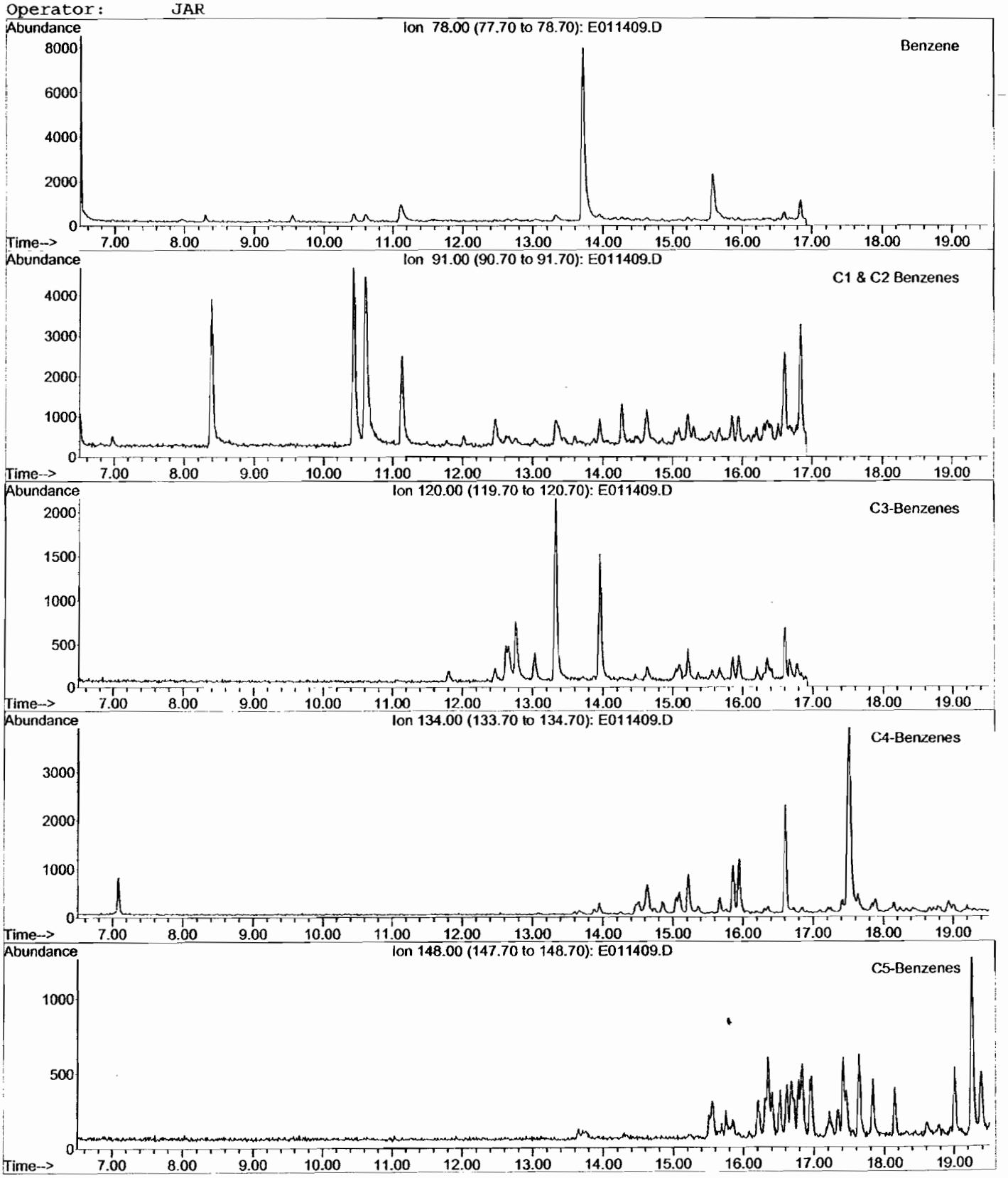
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Operator: JAR



META Environmental, Inc.

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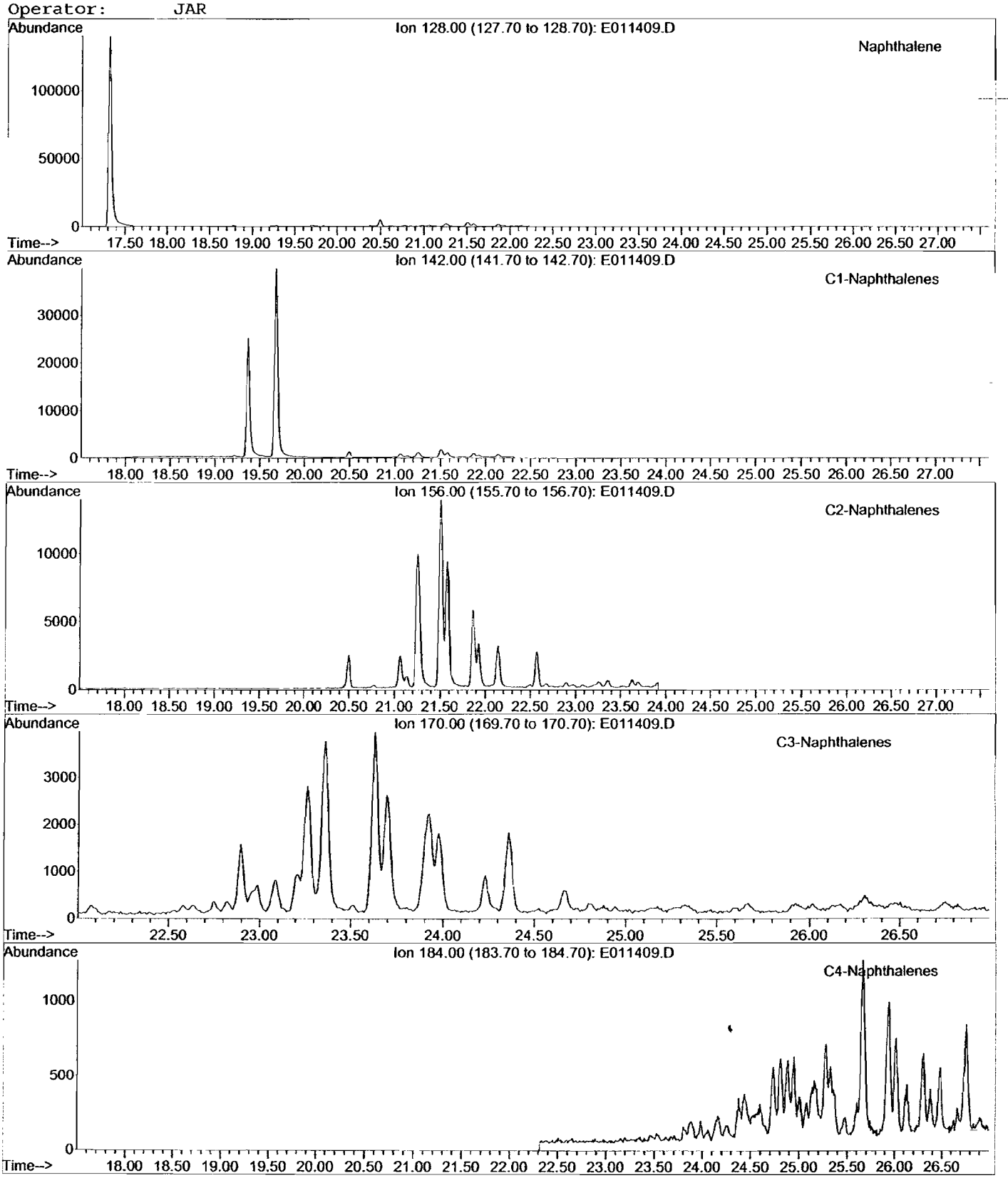
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Misc Info: SB-5 (21-23')
Operator: JAR



META Environmental, Inc.

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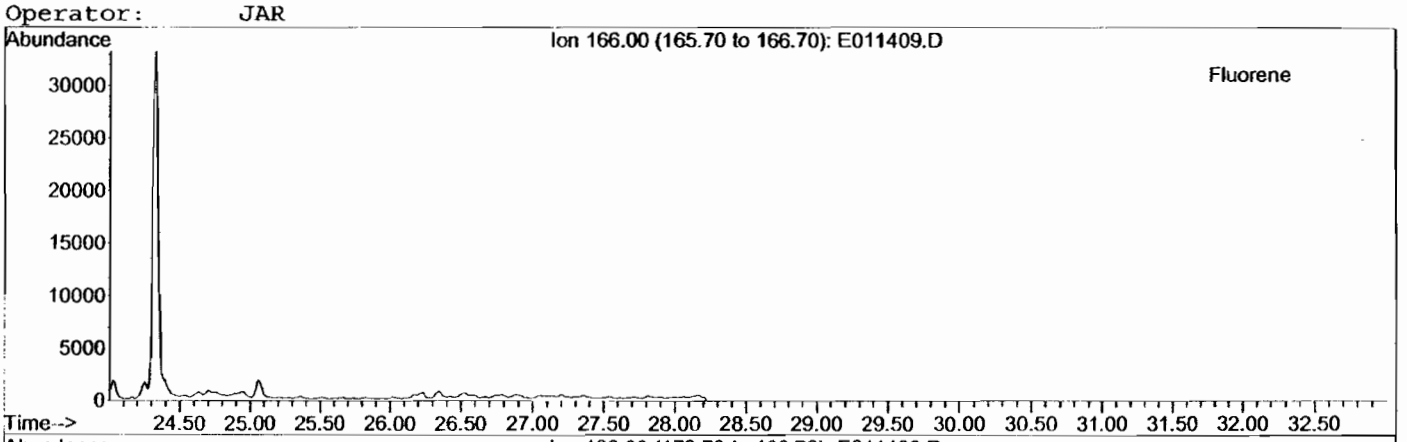
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Misc Info: SB-5 (21-23')
Operator: JAR

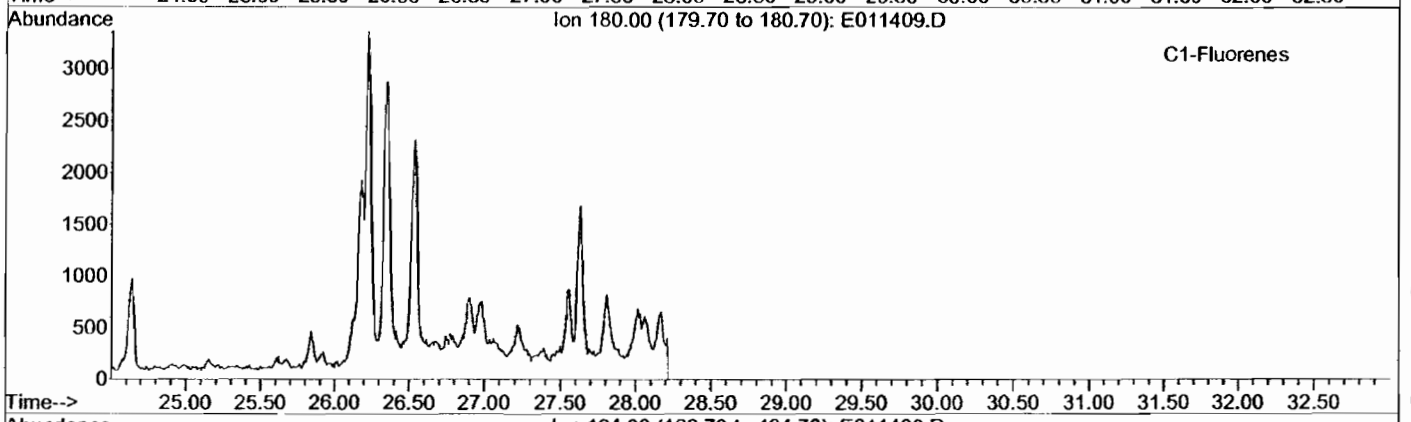


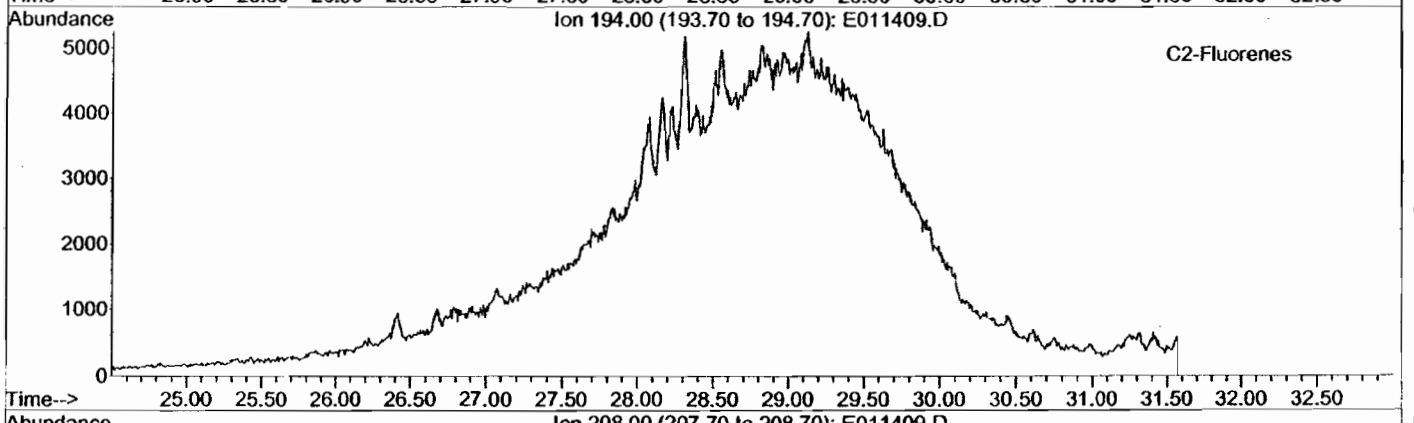
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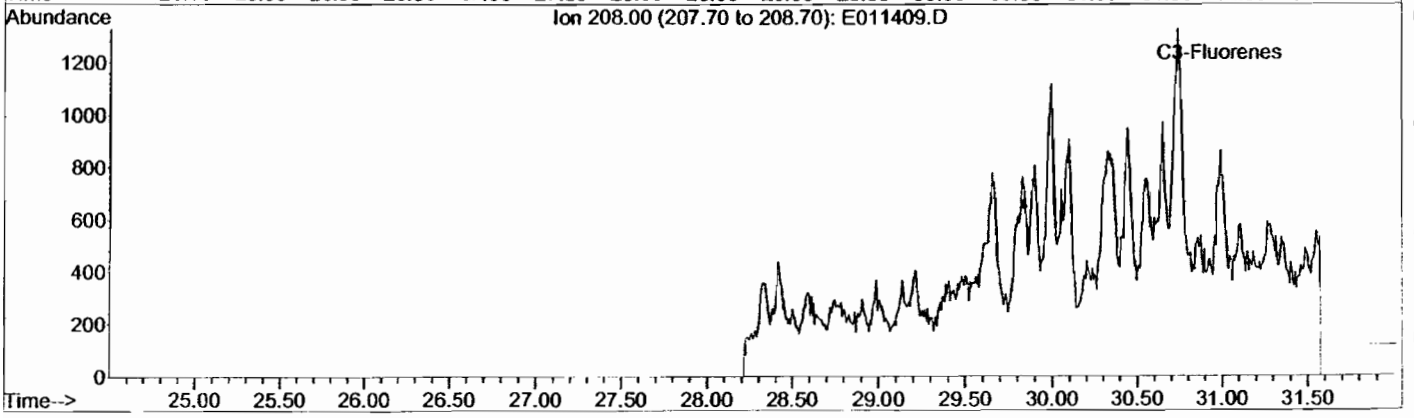
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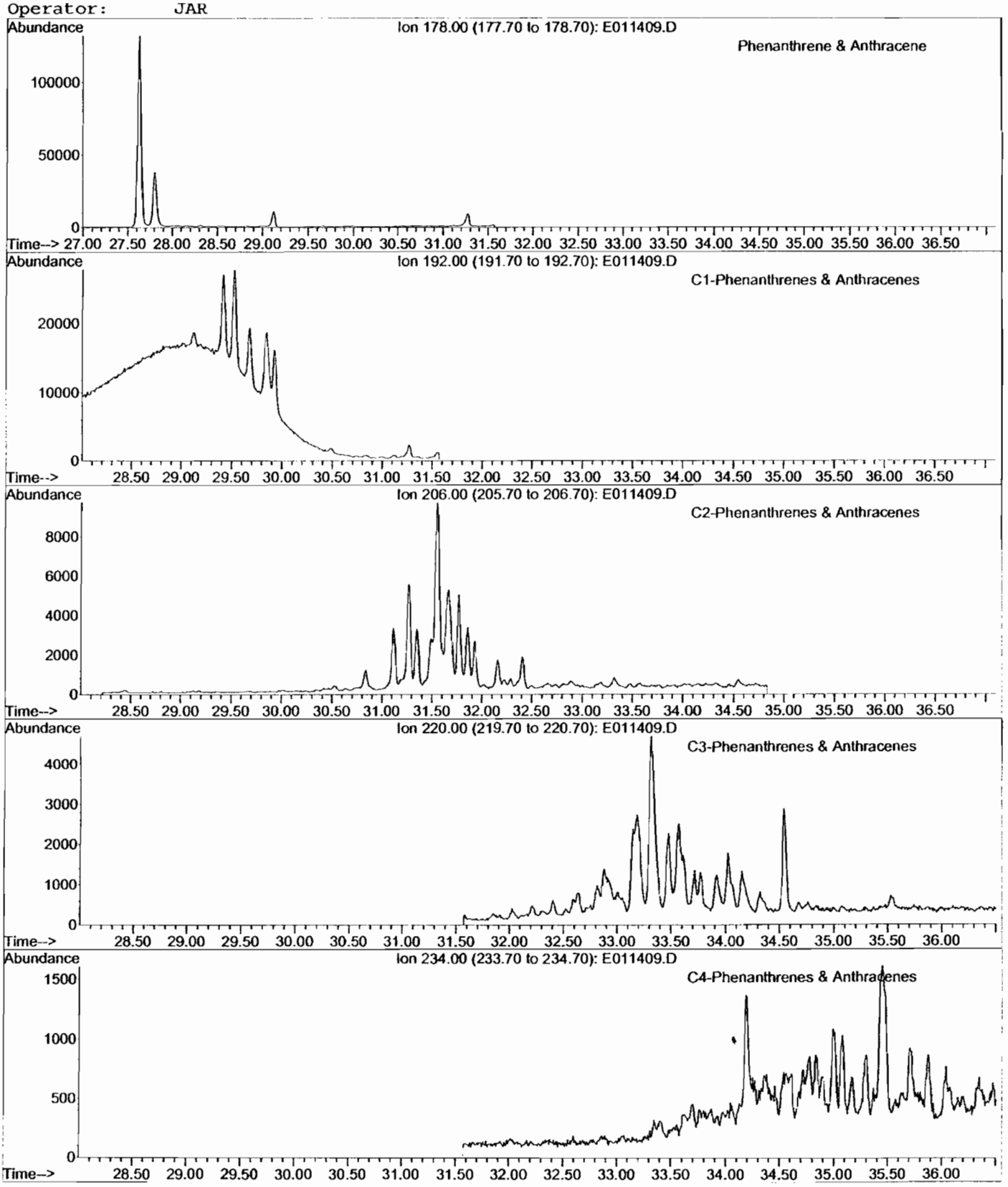




META Environmental, Inc.

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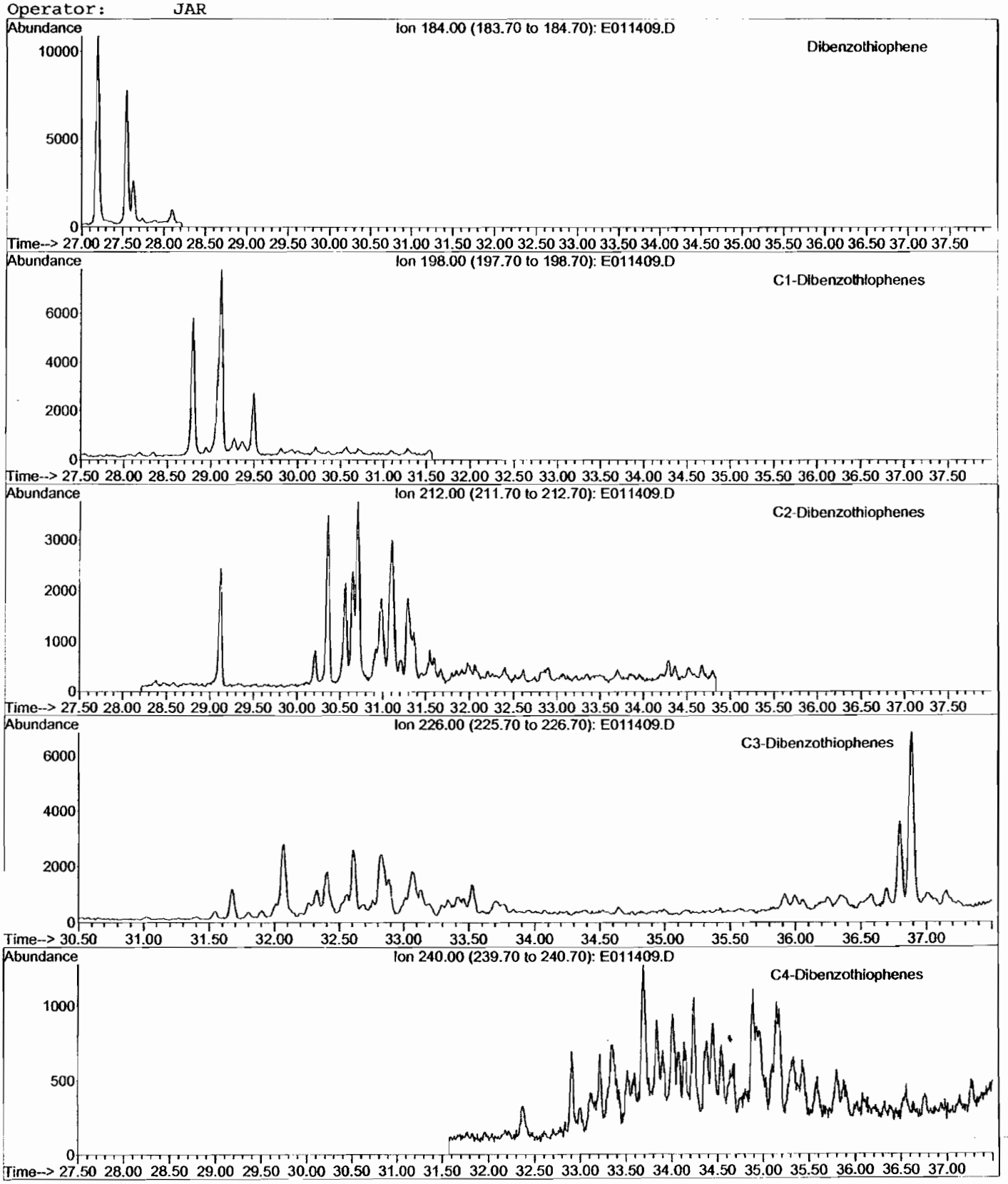
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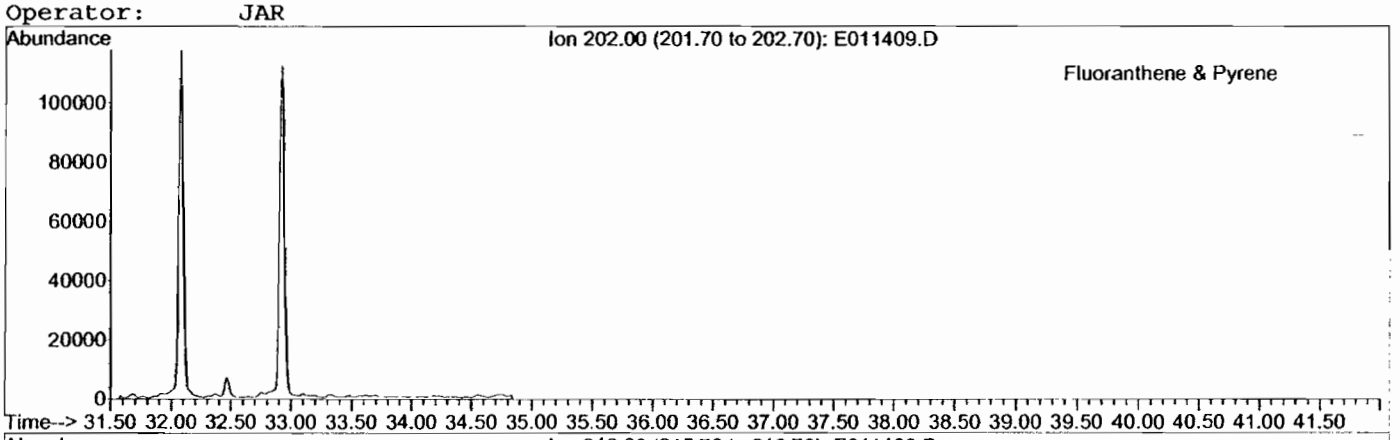
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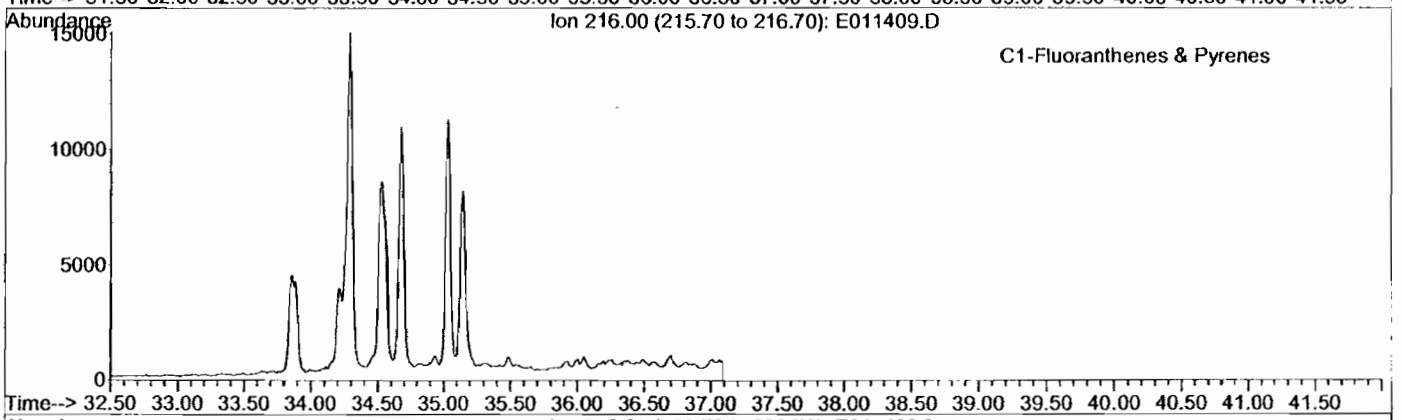


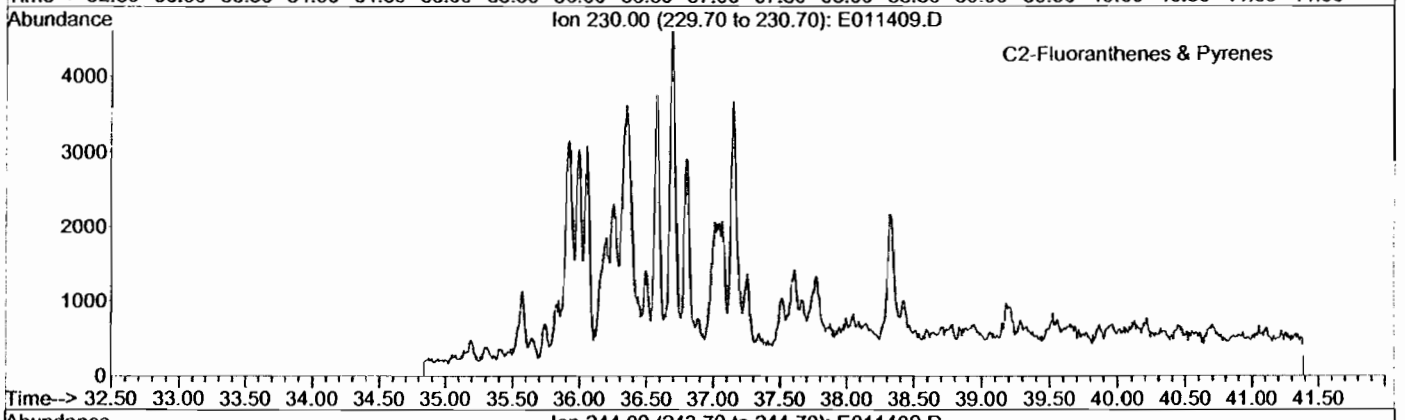
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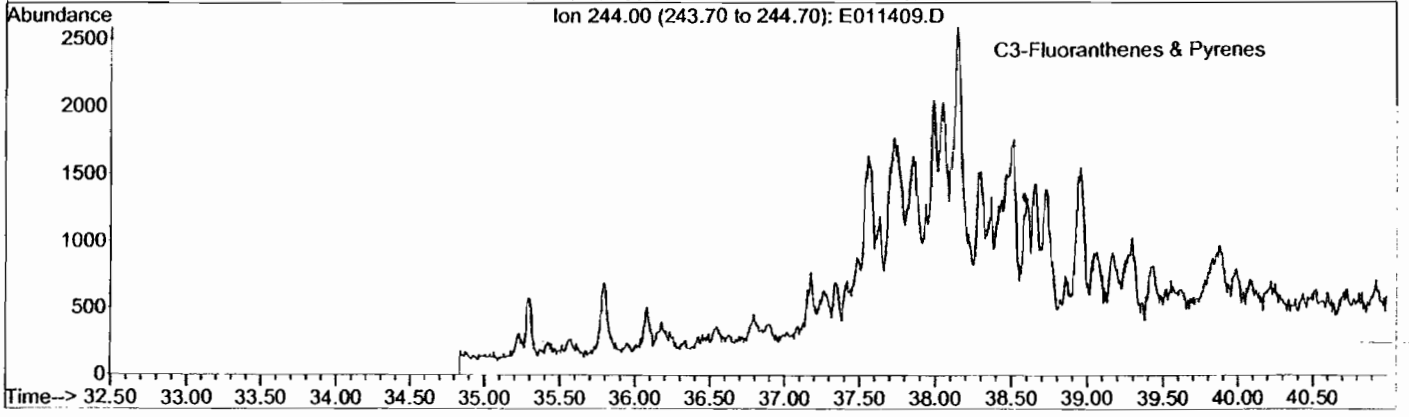
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Misc Info: SB-5 (21-23')
Operator: JAR





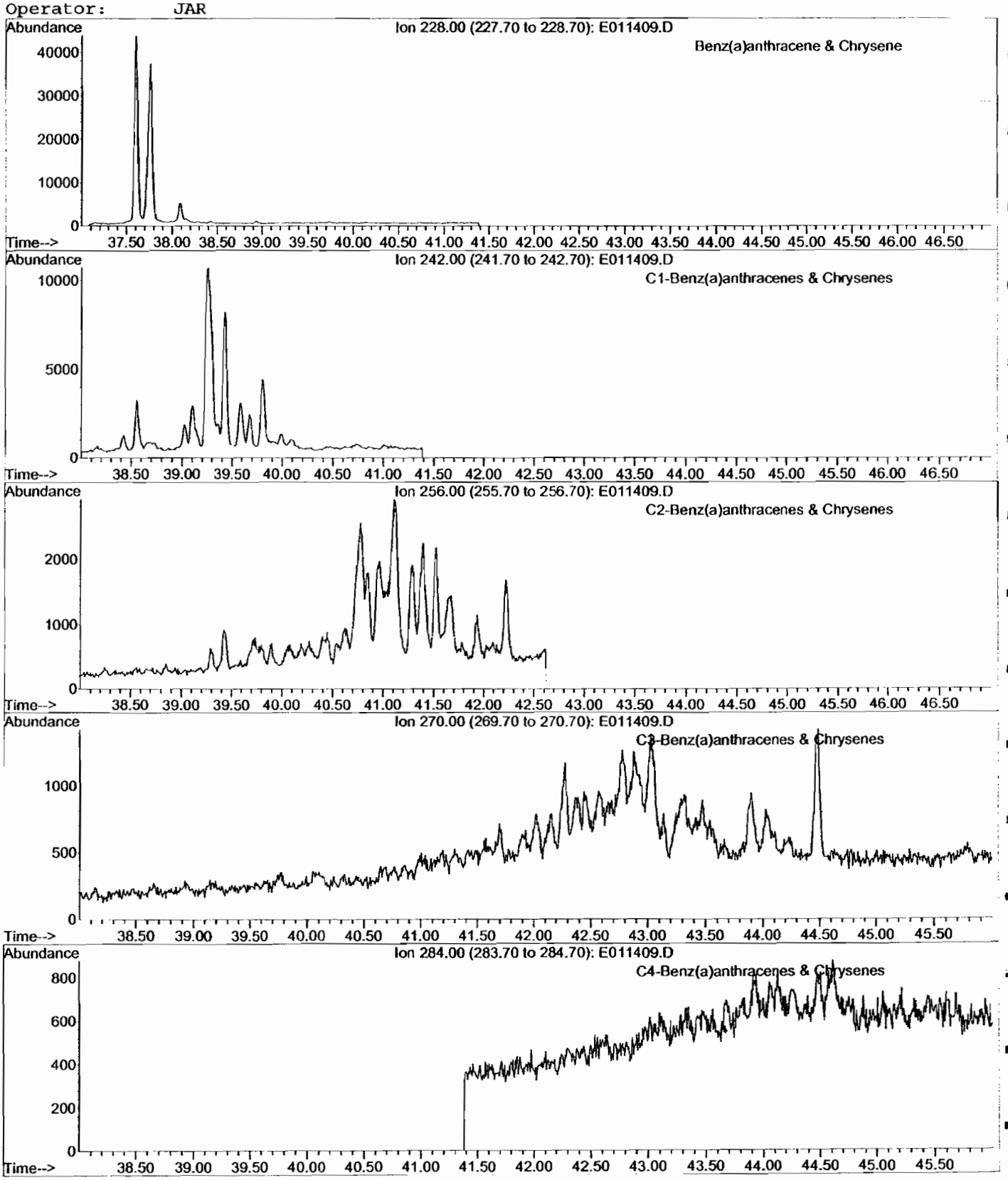




META Environmental, Inc.

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Sample Name: PA090106-01DUP
Misc Info: SB-5 (21-23')
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META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

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Date Acquired: 14 Jan 2009 6:35 pm
Method File: 4008SIMD.M
Sample Name: PA090106-01DUP
Misc Info: SB-5 (21-23')
Operator: JAR

