284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q1761

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :		**0.00**			
			Total Concentration:		**0.00**			

SAMPLE DATA

Raw Data: **BM049896.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	04/08/25
Project:	Stockton			Date Received:	04/09/25
Client Sample ID:	GST3			SDG No.:	Q1761
Lab Sample ID:	Q1761-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.6
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049896.D	1	04/10/25 08:55	04/11/25 11:41	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.8	U	28.8	220	ug/Kg
208-96-8	Acenaphthylene	36.7	U	36.7	220	ug/Kg
83-32-9	Acenaphthene	27.1	U	27.1	220	ug/Kg
86-73-7	Fluorene	32.1	U	32.1	220	ug/Kg
85-01-8	Phenanthrene	26.5	U	26.5	220	ug/Kg
120-12-7	Anthracene	42.3	U	42.3	220	ug/Kg
206-44-0	Fluoranthene	38.1	U	38.1	220	ug/Kg
129-00-0	Pyrene	45.7	U	45.7	220	ug/Kg
56-55-3	Benzo(a)anthracene	29.2	U	29.2	220	ug/Kg
218-01-9	Chrysene	25.3	U	25.3	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	24.1	U	24.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	28.5	U	28.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	37.5	U	37.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37.0	U	37.0	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34.8	U	34.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32.6	U	32.6	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	121		30 (18) - 130 (112)	80%	SPK: 150
13127-88-3	Phenol-d6	120		30 (15) - 130 (107)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.3		30 (18) - 130 (107)	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.9		30 (20) - 130 (109)	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		30 (10) - 130 (116)	89%	SPK: 150
1718-51-0	Terphenyl-d14	95.5		30 (10) - 130 (105)	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	361000	7.775			
1146-65-2	Naphthalene-d8	1220000	10.569			
15067-26-2	Acenaphthene-d10	753000	14.416			
1517-22-2	Phenanthrene-d10	1390000	17.163			
1719-03-5	Chrysene-d12	1230000	21.398			

Raw Data: **BM049896.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	04/08/25
Project:	Stockton			Date Received:	04/09/25
Client Sample ID:	GST3			SDG No.:	Q1761
Lab Sample ID:	Q1761-01			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.6
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049896.D	1	04/10/25 08:55	04/11/25 11:41	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1520-96-3	Perylene-d12	1380000	24.391			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167544BL	PB167544BL	2-Fluorophenol	150	135	90		30 (18)	130 (112)
		Phenol-d6	150	132	88		30 (15)	130 (107)
		Nitrobenzene-d5	100	93.1	93		30 (18)	130 (107)
		2-Fluorobiphenyl	100	94.6	95		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	154	103		30 (10)	130 (116)
		Terphenyl-d14	100	121	121		30 (10)	130 (105)
PB167544BS	PB167544BS	2-Fluorophenol	150	133	88		30 (18)	130 (112)
		Phenol-d6	150	129	86		30 (15)	130 (107)
		Nitrobenzene-d5	100	88.9	89		30 (18)	130 (107)
		2-Fluorobiphenyl	100	90.9	91		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	142	95		30 (10)	130 (116)
		Terphenyl-d14	100	112	112		30 (10)	130 (105)
Q1761-01	GST3	2-Fluorophenol	150	121	80		30 (18)	130 (112)
		Phenol-d6	150	120	80		30 (15)	130 (107)
		Nitrobenzene-d5	100	83.3	83		30 (18)	130 (107)
		2-Fluorobiphenyl	100	83.9	84		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	133	89		30 (10)	130 (116)
		Terphenyl-d14	100	95.5	96		30 (10)	130 (105)
Q1761-01MS	GST3MS	2-Fluorophenol	150	112	75		30 (18)	130 (112)
		Phenol-d6	150	114	76		30 (15)	130 (107)
		Nitrobenzene-d5	100	72.6	73		30 (18)	130 (107)
		2-Fluorobiphenyl	100	72.7	73		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	122	82		30 (10)	130 (116)
		Terphenyl-d14	100	90.1	90		30 (10)	130 (105)
Q1761-01MSD	GST3MSD	2-Fluorophenol	150	112	75		30 (18)	130 (112)
		Phenol-d6	150	113	75		30 (15)	130 (107)
		Nitrobenzene-d5	100	74.0	74		30 (18)	130 (107)
		2-Fluorobiphenyl	100	73.9	74		30 (20)	130 (109)
		2,4,6-Tribromophenol	150	119	79		30 (10)	130 (116)
		Terphenyl-d14	100	89.0	89		30 (10)	130 (105)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1761-01MS		**Client Sample ID:** GST3MS						**DataFile:** BM049897.D			
Naphthalene	2100	0	2000	ug/Kg	95				70 (72)	130 (110)	
Acenaphthylene	2100	0	2300	ug/Kg	110				70 (79)	130 (118)	
Acenaphthene	2100	0	2100	ug/Kg	100				70 (70)	130 (121)	
Fluorene	2100	0	2100	ug/Kg	100				70 (68)	130 (116)	
Phenanthrene	2100	0	2200	ug/Kg	105				70 (52)	130 (128)	
Anthracene	2100	0	2300	ug/Kg	110				70 (62)	130 (124)	
Fluoranthene	2100	0	2100	ug/Kg	100				70 (44)	130 (125)	
Pyrene	2100	0	2400	ug/Kg	114				70 (26)	130 (142)	
Benzo(a)anthracene	2100	0	2300	ug/Kg	110				70 (71)	130 (114)	
Chrysene	2100	0	2100	ug/Kg	100				70 (57)	130 (121)	
Benzo(b)fluoranthene	2100	0	2100	ug/Kg	100				70 (67)	130 (121)	
Benzo(k)fluoranthene	2100	0	2200	ug/Kg	105				70 (57)	130 (134)	
Benzo(a)pyrene	2100	0	2300	ug/Kg	110				70 (70)	130 (142)	
Indeno(1,2,3-cd)pyrene	2100	0	2200	ug/Kg	105				70 (40)	130 (129)	
Dibenz(a,h)anthracene	2100	0	2200	ug/Kg	105				70 (43)	130 (123)	
Benzo(g,h,i)perylene	2100	0	2100	ug/Kg	100				70 (24)	130 (125)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q1761-01MSD		**Client Sample ID:** GST3MSD						**DataFile:** BM049898.D			
Naphthalene	2100	0	2000	ug/Kg	95	0			70 (72)	130 (110)	30 (20)
Acenaphthylene	2100	0	2300	ug/Kg	110	0			70 (79)	130 (118)	30 (20)
Acenaphthene	2100	0	2100	ug/Kg	100	0			70 (70)	130 (121)	30 (20)
Fluorene	2100	0	2100	ug/Kg	100	0			70 (68)	130 (116)	30 (20)
Phenanthrene	2100	0	2200	ug/Kg	105	0			70 (52)	130 (128)	30 (20)
Anthracene	2100	0	2200	ug/Kg	105	5			70 (62)	130 (124)	30 (20)
Fluoranthene	2100	0	2000	ug/Kg	95	5			70 (44)	130 (125)	30 (20)
Pyrene	2100	0	2400	ug/Kg	114	0			70 (26)	130 (142)	30 (20)
Benzo(a)anthracene	2100	0	2300	ug/Kg	110	0			70 (71)	130 (114)	30 (20)
Chrysene	2100	0	2200	ug/Kg	105	5			70 (57)	130 (121)	30 (20)
Benzo(b)fluoranthene	2100	0	2200	ug/Kg	105	5			70 (67)	130 (121)	30 (20)
Benzo(k)fluoranthene	2100	0	2200	ug/Kg	105	0			70 (57)	130 (134)	30 (20)
Benzo(a)pyrene	2100	0	2300	ug/Kg	110	0			70 (70)	130 (142)	30 (20)
Indeno(1,2,3-cd)pyrene	2100	0	2300	ug/Kg	110	5			70 (40)	130 (129)	30 (20)
Dibenz(a,h)anthracene	2100	0	2200	ug/Kg	105	0			70 (43)	130 (123)	30 (20)
Benzo(g,h,i)perylene	2100	0	2200	ug/Kg	105	5			70 (24)	130 (125)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1761

Client: G Environmental

Analytical Method: 8270E **DataFile:** BM049895.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167544BS	Naphthalene	1700	1500	ug/Kg	88				70 (62)	130 (100)	
	Acenaphthylene	1700	1700	ug/Kg	100				70 (63)	130 (101)	
	Acenaphthene	1700	1600	ug/Kg	94				70 (57)	130 (104)	
	Fluorene	1700	1600	ug/Kg	94				70 (61)	130 (101)	
	Phenanthrene	1700	1700	ug/Kg	100				70 (59)	130 (103)	
	Anthracene	1700	1700	ug/Kg	100				70 (61)	130 (105)	
	Fluoranthene	1700	1500	ug/Kg	88				70 (57)	130 (107)	
	Pyrene	1700	1800	ug/Kg	106				70 (59)	130 (103)	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				70 (60)	130 (102)	
	Chrysene	1700	1600	ug/Kg	94				70 (59)	130 (101)	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				70 (62)	130 (109)	
	Benzo(a)pyrene	1700	1800	ug/Kg	106				70 (63)	130 (103)	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				70 (63)	130 (101)	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				70 (61)	130 (112)	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70 (70)	130 (108)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167544BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: BM049894.D Lab Sample ID: PB167544BL

Instrument ID: BNA_M Date Extracted: 04/10/2025

Matrix: (soil/water) SOIL Date Analyzed: 04/11/2025

Level: (low/med) LOW Time Analyzed: 10:17

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167544BS	PB167544BS	BM049895.D	04/11/2025
GST3	Q1761-01	BM049896.D	04/11/2025
GST3MS	Q1761-01MS	BM049897.D	04/11/2025
GST3MSD	Q1761-01MSD	BM049898.D	04/11/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: BM049847.D DFTPP Injection Date: 04/08/2025

Instrument ID: BNA_M DFTPP Injection Time: 12:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.1
68	Less than 2.0% of mass 69	0.3 (1.2) 1
69	Mass 69 relative abundance	26.5
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	34.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	81.2
443	15.0 - 24.0% of mass 442	15.3 (18.8) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM049848.D	04/08/2025	13:35
SSTDICC005	SSTDICC005	BM049849.D	04/08/2025	14:14
SSTDICC010	SSTDICC010	BM049850.D	04/08/2025	14:53
SSTDICC020	SSTDICC020	BM049851.D	04/08/2025	15:32
SSTDICCC040	SSTDICCC040	BM049852.D	04/08/2025	16:12
SSTDICC050	SSTDICC050	BM049853.D	04/08/2025	17:30
SSTDICC060	SSTDICC060	BM049854.D	04/08/2025	19:28
SSTDICC080	SSTDICC080	BM049855.D	04/08/2025	20:07

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q1761 SDG NO.: Q1761

Lab File ID: BM049892.D DFTPP Injection Date: 04/11/2025

Instrument ID: BNA_M DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	18.1
68	Less than 2.0% of mass 69	0.3 (1.4) 1
69	Mass 69 relative abundance	22.3
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	30.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.3
442	Greater than 50% of mass 198	80.9
443	15.0 - 24.0% of mass 442	16 (19.8) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM049893.D	04/11/2025	09:37
PB167544BL	PB167544BL	BM049894.D	04/11/2025	10:17
PB167544BS	PB167544BS	BM049895.D	04/11/2025	10:56
GST3	Q1761-01	BM049896.D	04/11/2025	11:41
GST3MS	Q1761-01MS	BM049897.D	04/11/2025	12:20
GST3MSD	Q1761-01MSD	BM049898.D	04/11/2025	12:59

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/11/2025

Lab File ID: BM049893.D Time Analyzed: 09:37

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	441251	7.775	1506250	10.58	949286	14.42
	UPPER LIMIT	882502	8.275	3012500	11.075	1898570	14.922
	LOWER LIMIT	220626	7.275	753125	10.075	474643	13.922
	EPA SAMPLE NO.						
01	PB167544BL	486554	7.78	1686210	10.57	1083670	14.42
02	PB167544BS	408732	7.78	1404610	10.57	877536	14.42
03	GST3	361301	7.78	1222540	10.57	753026	14.42
04	GST3MS	398038	7.78	1400230	10.57	921596	14.42
05	GST3MSD	400986	7.78	1382300	10.57	886995	14.42

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG NO.: Q1761

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/11/2025

Lab File ID: BM049893.D Time Analyzed: 09:37

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1809670	17.163	1670660	21.403	1828450	24.403
	UPPER LIMIT	3619340	17.663	3341320	21.903	3656900	24.903
	LOWER LIMIT	904835	16.663	835330	20.903	914225	23.903
	EPA SAMPLE NO.						
01	PB167544BL	2084350	17.16	1600250	21.40	1555140	24.40
02	PB167544BS	1626500	17.16	1335580	21.40	1358360	24.40
03	GST3	1392090	17.16	1231620	21.40	1380930	24.39
04	GST3MS	1779580	17.16	1521020	21.40	1498760	24.39
05	GST3MSD	1654150	17.16	1374180	21.40	1418230	24.40

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Raw Data: **BM049894.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB167544BL			SDG No.:	Q1761
Lab Sample ID:	PB167544BL			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049894.D	1	04/10/25 08:55	04/11/25 10:17	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	135		30 (18) - 130 (112)	90%	SPK: 150
13127-88-3	Phenol-d6	132		30 (15) - 130 (107)	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.1		30 (18) - 130 (107)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.6		30 (20) - 130 (109)	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	154		30 (10) - 130 (116)	103%	SPK: 150
1718-51-0	Terphenyl-d14	121		30 (10) - 130 (105)	121%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	487000	7.775			
1146-65-2	Naphthalene-d8	1690000	10.569			
15067-26-2	Acenaphthene-d10	1080000	14.416			
1517-22-2	Phenanthrene-d10	2080000	17.163			
1719-03-5	Chrysene-d12	1600000	21.398			

Raw Data: **BM049894.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:			
Project:	Stockton			Date Received:			
Client Sample ID:	PB167544BL			SDG No.:	Q1761		
Lab Sample ID:	PB167544BL			Matrix:	SOIL		
Analytical Method:	SW8270			% Solid:	100		
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:	SVOC-PAH		
Extraction Type :			Decanted : N	Level :	LOW		
Injection Volume :			GPC Factor : 1.0	GPC Cleanup :	N	PH :	
Prep Method :	SW3541						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049894.D	1	04/10/25 08:55	04/11/25 10:17	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1520-96-3	Perylene-d12	1560000	24.397			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BM049895.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB167544BS			SDG No.:	Q1761
Lab Sample ID:	PB167544BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049895.D	1	04/10/25 08:55	04/11/25 10:56	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
208-96-8	Acenaphthylene	1700		28.9	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
86-73-7	Fluorene	1600		25.3	170	ug/Kg
85-01-8	Phenanthrene	1700		20.9	170	ug/Kg
120-12-7	Anthracene	1700		33.3	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1800		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1700		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	133		30 (18) - 130 (112)	88%	SPK: 150
13127-88-3	Phenol-d6	129		30 (15) - 130 (107)	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.9		30 (18) - 130 (107)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.9		30 (20) - 130 (109)	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		30 (10) - 130 (116)	95%	SPK: 150
1718-51-0	Terphenyl-d14	112		30 (10) - 130 (105)	112%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	409000	7.775			
1146-65-2	Naphthalene-d8	1400000	10.569			
15067-26-2	Acenaphthene-d10	878000	14.422			
1517-22-2	Phenanthrene-d10	1630000	17.163			
1719-03-5	Chrysene-d12	1340000	21.398			

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB167544BS			SDG No.:	Q1761
Lab Sample ID:	PB167544BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049895.D	1	04/10/25 08:55	04/11/25 10:56	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1520-96-3	Perylene-d12	1360000	24.397			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BM049897.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	04/08/25
Project:	Stockton			Date Received:	04/09/25
Client Sample ID:	GST3MS			SDG No.:	Q1761
Lab Sample ID:	Q1761-01MS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.6
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049897.D	1	04/10/25 08:55	04/11/25 12:20	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	2000		28.9	220	ug/Kg
208-96-8	Acenaphthylene	2300		36.8	220	ug/Kg
83-32-9	Acenaphthene	2100		27.1	220	ug/Kg
86-73-7	Fluorene	2100		32.2	220	ug/Kg
85-01-8	Phenanthrene	2200		26.6	220	ug/Kg
120-12-7	Anthracene	2300		42.4	220	ug/Kg
206-44-0	Fluoranthene	2100		38.2	220	ug/Kg
129-00-0	Pyrene	2400		45.8	220	ug/Kg
56-55-3	Benzo(a)anthracene	2300		29.3	220	ug/Kg
218-01-9	Chrysene	2100		25.3	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		24.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		28.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	2300		37.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		37.0	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		34.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100		32.7	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	112		30 (18) - 130 (112)	75%	SPK: 150
13127-88-3	Phenol-d6	114		30 (15) - 130 (107)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.6		30 (18) - 130 (107)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.7		30 (20) - 130 (109)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		30 (10) - 130 (116)	82%	SPK: 150
1718-51-0	Terphenyl-d14	90.1		30 (10) - 130 (105)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	398000	7.775			
1146-65-2	Naphthalene-d8	1400000	10.569			
15067-26-2	Acenaphthene-d10	922000	14.421			
1517-22-2	Phenanthrene-d10	1780000	17.162			
1719-03-5	Chrysene-d12	1520000	21.397			

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	04/08/25
Project:	Stockton			Date Received:	04/09/25
Client Sample ID:	GST3MS			SDG No.:	Q1761
Lab Sample ID:	Q1761-01MS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.6
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049897.D	1	04/10/25 08:55	04/11/25 12:20	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1520-96-3	Perylene-d12	1500000	24.391			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Raw Data: **BM049898.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	04/08/25
Project:	Stockton			Date Received:	04/09/25
Client Sample ID:	GST3MSD			SDG No.:	Q1761
Lab Sample ID:	Q1761-01MSD			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.6
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049898.D	1	04/10/25 08:55	04/11/25 12:59	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	2000		28.9	220	ug/Kg
208-96-8	Acenaphthylene	2300		36.7	220	ug/Kg
83-32-9	Acenaphthene	2100		27.1	220	ug/Kg
86-73-7	Fluorene	2100		32.2	220	ug/Kg
85-01-8	Phenanthrene	2200		26.6	220	ug/Kg
120-12-7	Anthracene	2200		42.3	220	ug/Kg
206-44-0	Fluoranthene	2000		38.1	220	ug/Kg
129-00-0	Pyrene	2400		45.8	220	ug/Kg
56-55-3	Benzo(a)anthracene	2300		29.2	220	ug/Kg
218-01-9	Chrysene	2200		25.3	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		24.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		28.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	2300		37.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		37.0	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		34.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2200		32.7	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	112		30 (18) - 130 (112)	75%	SPK: 150
13127-88-3	Phenol-d6	113		30 (15) - 130 (107)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.0		30 (18) - 130 (107)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.9		30 (20) - 130 (109)	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		30 (10) - 130 (116)	79%	SPK: 150
1718-51-0	Terphenyl-d14	89.0		30 (10) - 130 (105)	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	401000	7.775			
1146-65-2	Naphthalene-d8	1380000	10.569			
15067-26-2	Acenaphthene-d10	887000	14.422			
1517-22-2	Phenanthrene-d10	1650000	17.163			
1719-03-5	Chrysene-d12	1370000	21.398			

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	04/08/25
Project:	Stockton			Date Received:	04/09/25
Client Sample ID:	GST3MSD			SDG No.:	Q1761
Lab Sample ID:	Q1761-01MSD			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	78.6
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-PAH
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM049898.D	1	04/10/25 08:55	04/11/25 12:59	PB167544

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1520-96-3	Perylene-d12	1420000	24.397			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 09 04:00:55 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM049848.D 5 =BM049849.D 10 =BM049850.D 20 =BM049851.D 40 =BM049852.D 50 =BM049853.D 60 =BM049854.D 80 =BM0498
55.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	ISTD									
2)		1,4-Dioxane		0.497	0.470	0.501	0.488	0.486	0.471	0.483	0.485	2.47
3)		Pyridine		1.262	1.220	1.322	1.287	1.276	1.278	1.276	1.274	2.40
4)		n-Nitrosodimet...		0.478	0.461	0.496	0.489	0.484	0.500	0.488	0.485	2.67
5)	S	2-Fluorophenol		1.145	1.144	1.213	1.191	1.165	1.210	1.177	1.178	2.40
6)		Aniline		1.304	1.315	1.396	1.325	1.153	1.142	1.154	1.256	8.22
7)	S	Phenol-d6		1.391	1.392	1.523	1.491	1.433	1.543	1.485	1.465	4.15
8)		2-Chlorophenol		1.180	1.191	1.250	1.218	1.174	1.239	1.199	1.207	2.42
9)		Benzaldehyde		0.873	0.830	0.838	0.750	0.712	0.701	0.561	0.752	14.25
10)	C	Phenol		1.376	1.370	1.482	1.441	1.394	1.496	1.451	1.430	3.56
11)		bis(2-Chloroet...		1.113	1.084	1.147	1.135	1.096	1.160	1.114	1.121	2.45
12)		1,3-Dichlorobe...		1.417	1.391	1.475	1.438	1.418	1.441	1.409	1.427	1.90
13)	C	1,4-Dichlorobe...		1.418	1.399	1.488	1.453	1.412	1.455	1.426	1.436	2.15
14)		1,2-Dichlorobe...		1.348	1.325	1.402	1.374	1.324	1.359	1.334	1.352	2.12
15)		Benzyl Alcohol		0.852	0.857	0.950	0.953	0.904	0.993	0.951	0.923	5.79
16)		2,2'-oxybis(1-...		1.268	1.235	1.312	1.267	1.192	1.261	1.214	1.250	3.18
17)		2-Methylphenol		0.858	0.856	0.916	0.891	0.850	0.920	0.877	0.881	3.29
18)		Hexachloroethane		0.505	0.494	0.520	0.504	0.486	0.501	0.488	0.500	2.32
19)	P	n-Nitroso-di-n...	0.760	0.786	0.783	0.860	0.836	0.793	0.859	0.816	0.812	4.60
20)		3+4-Methylphenols		1.140	1.142	1.246	1.224	1.170	1.272	1.215	1.201	4.31
21)	I	Naphthalene-d8	ISTD									
22)		Acetophenone		0.463	0.477	0.496	0.498	0.482	0.494	0.493	0.486	2.64
23)	S	Nitrobenzene-d5		0.335	0.344	0.366	0.368	0.361	0.370	0.371	0.359	3.96
24)		Nitrobenzene		0.329	0.329	0.354	0.356	0.345	0.353	0.354	0.346	3.49
25)		Isophorone		0.569	0.568	0.613	0.616	0.598	0.628	0.620	0.602	4.05
26)	C	2-Nitrophenol		0.162	0.165	0.183	0.189	0.190	0.197	0.197	0.183	7.91
27)		2,4-Dimethylph...		0.185	0.194	0.208	0.213	0.212	0.221	0.221	0.208	6.48
28)		bis(2-Chloroet...		0.386	0.386	0.411	0.410	0.399	0.415	0.412	0.403	3.08
29)	C	2,4-Dichloroph...		0.319	0.320	0.348	0.353	0.349	0.364	0.364	0.345	5.45
30)		1,2,4-Trichlor...		0.386	0.380	0.401	0.404	0.399	0.412	0.413	0.399	3.11
31)		Naphthalene		1.004	0.990	1.045	1.042	1.019	1.050	1.045	1.028	2.32
32)		Benzoic acid			0.109	0.175	0.230	0.240	0.283	0.283	0.220	30.63
33)		4-Chloroaniline		0.348	0.351	0.376	0.380	0.359	0.359	0.366	0.363	3.34
34)	C	Hexachlorobuta...		0.238	0.236	0.245	0.249	0.249	0.255	0.258	0.247	3.33
35)		Caprolactam		0.093	0.089	0.100	0.102	0.099	0.107	0.104	0.099	6.29
36)	C	4-Chloro-3-met...		0.277	0.276	0.305	0.309	0.303	0.326	0.321	0.302	6.41
37)		2-Methylnaphth...		0.683	0.685	0.729	0.734	0.721	0.762	0.755	0.724	4.23
38)		1-Methylnaphth...		0.680	0.659	0.711	0.713	0.703	0.739	0.732	0.705	3.97

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM040825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.664	0.662	0.697	0.706	0.711	0.721	0.737	0.700	4.02
41)	P	Hexachlorocycl...	0.214	0.223	0.247	0.264	0.260	0.258	0.251	0.245	7.86
42)	S	2,4,6-Tribromo...	0.258	0.255	0.280	0.294	0.298	0.323	0.328	0.291	9.94
43)	C	2,4,6-Trichlor...	0.417	0.420	0.444	0.459	0.449	0.459	0.468	0.445	4.46
44)		2,4,5-Trichlor...	0.465	0.452	0.472	0.500	0.483	0.504	0.510	0.484	4.52
45)	S	2-Fluorobiphenyl	1.425	1.414	1.499	1.515	1.486	1.482	1.504	1.475	2.68
46)		1,1'-Biphenyl	1.451	1.429	1.514	1.528	1.480	1.490	1.515	1.487	2.45
47)		2-Chloronaphth...	1.140	1.144	1.188	1.194	1.163	1.162	1.189	1.169	1.88
48)		2-Nitroaniline	0.232	0.242	0.272	0.283	0.281	0.286	0.295	0.270	8.83
49)		Acenaphthylene	1.627	1.613	1.718	1.742	1.711	1.735	1.768	1.702	3.46
50)		Dimethylphthalate	1.366	1.331	1.430	1.438	1.411	1.446	1.455	1.411	3.27
51)		2,6-Dinitrotol...	0.249	0.265	0.303	0.310	0.305	0.317	0.320	0.296	9.38
52)	C	Acenaphthene	1.027	1.023	1.089	1.113	1.089	1.110	1.127	1.083	3.83
53)		3-Nitroaniline	0.236	0.253	0.290	0.310	0.295	0.295	0.321	0.286	10.64
54)	P	2,4-Dinitrophenol		0.097	0.148	0.184	0.194	0.212	0.216	0.175	26.04
55)		Dibenzofuran	1.737	1.709	1.821	1.845	1.815	1.862	1.879	1.810	3.52
56)	P	4-Nitrophenol	0.195	0.213	0.257	0.270	0.273	0.286	0.288	0.255	14.34
57)		2,4-Dinitrotol...	0.309	0.333	0.395	0.421	0.420	0.440	0.443	0.394	13.45
58)		Fluorene	1.354	1.335	1.450	1.481	1.456	1.489	1.505	1.439	4.67
59)		2,3,4,6-Tetrac...	0.418	0.397	0.416	0.427	0.420	0.440	0.452	0.424	4.21
60)		Diethylphthalate	1.311	1.270	1.378	1.390	1.347	1.378	1.397	1.353	3.46
61)		4-Chlorophenyl...	0.699	0.694	0.761	0.789	0.791	0.830	0.836	0.771	7.43
62)		4-Nitroaniline	0.227	0.247	0.301	0.320	0.316	0.327	0.331	0.295	14.02
63)		Azobenzene	1.077	1.085	1.185	1.202	1.167	1.192	1.200	1.158	4.67
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.094	0.119	0.132	0.133	0.138	0.140	0.126	13.60
66)	c	n-Nitrosodiphe...	0.561	0.578	0.606	0.619	0.602	0.610	0.614	0.599	3.54
67)		4-Bromophenyl-...	0.212	0.212	0.227	0.239	0.237	0.247	0.252	0.232	6.83
68)		Hexachlorobenzene	0.249	0.250	0.262	0.273	0.268	0.279	0.284	0.266	5.08
69)		Atrazine	0.186	0.177	0.142	0.130	0.142		0.155		15.89
70)	C	Pentachlorophenol	0.181	0.186	0.191	0.204	0.197	0.204	0.210	0.196	5.46
71)		Phenanthrene	1.031	1.030	1.095	1.133	1.104	1.135	1.147	1.096	4.41
72)		Anthracene	0.997	1.004	1.074	1.125	1.099	1.125	1.140	1.081	5.41
73)		Carbazole	0.922	0.952	1.024	1.059	1.038	1.060	1.071	1.018	5.69
74)		Di-n-butylphth...	1.119	1.120	1.189	1.216	1.176	1.191	1.196	1.172	3.22
75)	C	Fluoranthene	1.187	1.206	1.310	1.387	1.395	1.463	1.488	1.348	8.78
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.319	0.260	0.205	0.403	0.163	0.150	0.357	0.265	36.93
78)		Pyrene	1.310	1.280	1.395	1.408	1.393	1.419	1.443	1.378	4.35
79)	S	Terphenyl-d14	0.988	1.004	1.139	1.187	1.142	1.007	1.004	1.067	7.91
80)		Butylbenzylpht...	0.502	0.500	0.537	0.536	0.511	0.516	0.523	0.518	2.88
81)		Benzo(a)anthra...	1.237	1.226	1.335	1.362	1.345	1.391	1.408	1.329	5.38
82)		3,3'-Dichlorob...	0.428	0.450	0.492	0.526	0.516	0.538	0.565	0.502	9.74
83)		Chrysene	1.179	1.173	1.261	1.292	1.277	1.318	1.346	1.264	5.21
84)		Bis(2-ethylhex...	0.758	0.747	0.790	0.783	0.740	0.727	0.737	0.755	3.16
85)	c	Di-n-octyl pht...	1.291	1.287	1.366	1.362	1.307	1.311	1.316	1.320	2.42

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM040825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.375	1.368	1.480	1.507	1.523	1.577	1.606	1.491	6.16
88)		Benzo(b)fluora...	1.141	1.157	1.223	1.308	1.313	1.379	1.420	1.277	8.40
89)		Benzo(k)fluora...	1.132	1.122	1.209	1.242	1.263	1.336	1.362	1.238	7.46
90)	C	Benzo(a)pyrene	1.011	1.026	1.096	1.130	1.154	1.209	1.230	1.122	7.50
91)		Dibenzo(a,h)an...	1.128	1.128	1.205	1.244	1.258	1.301	1.331	1.228	6.43
92)		Benzo(g,h,i)pe...	1.178	1.179	1.255	1.265	1.269	1.310	1.328	1.255	4.65

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1761 SAS No.: Q1761 SDG No.: Q1761

Instrument ID: BNA_M Calibration Date/Time: 04/11/2025 09:37

Lab File ID: BM049893.D Init. Calib. Date(s): 04/08/2025 04/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:35 20:07

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.178	1.163		-1.3	
Phenol-d6	1.465	1.462		-0.2	
Nitrobenzene-d5	0.359	0.359		0.0	
Naphthalene	1.028	1.029		0.1	
2-Fluorobiphenyl	1.475	1.507		2.2	
Acenaphthylene	1.702	1.713		0.6	
Acenaphthene	1.083	1.090		0.6	20.0
Fluorene	1.439	1.417		-1.5	
2,4,6-Tribromophenol	0.291	0.301		3.4	
Phenanthrene	1.096	1.113		1.6	
Anthracene	1.081	1.100		1.8	
Fluoranthene	1.348	1.335		-1.0	20.0
Pyrene	1.378	1.461		6.0	
Terphenyl-d14	1.067	1.192		11.7	
Benzo(a)anthracene	1.329	1.349		1.5	
Chrysene	1.264	1.285		1.7	
Benzo(b)fluoranthene	1.277	1.270		-0.5	
Benzo(k)fluoranthene	1.238	1.224		-1.1	
Benzo(a)pyrene	1.122	1.121		-0.1	20.0
Indeno(1,2,3-cd)pyrene	1.491	1.476		-1.0	
Dibenzo(a,h)anthracene	1.228	1.216		-1.0	
Benzo(g,h,i)perylene	1.255	1.234		-1.7	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049896.D
Acq On : 11 Apr 2025 11:41
Operator : RC/JU
Sample : Q1761-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3

Quant Time: Apr 11 12:44:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

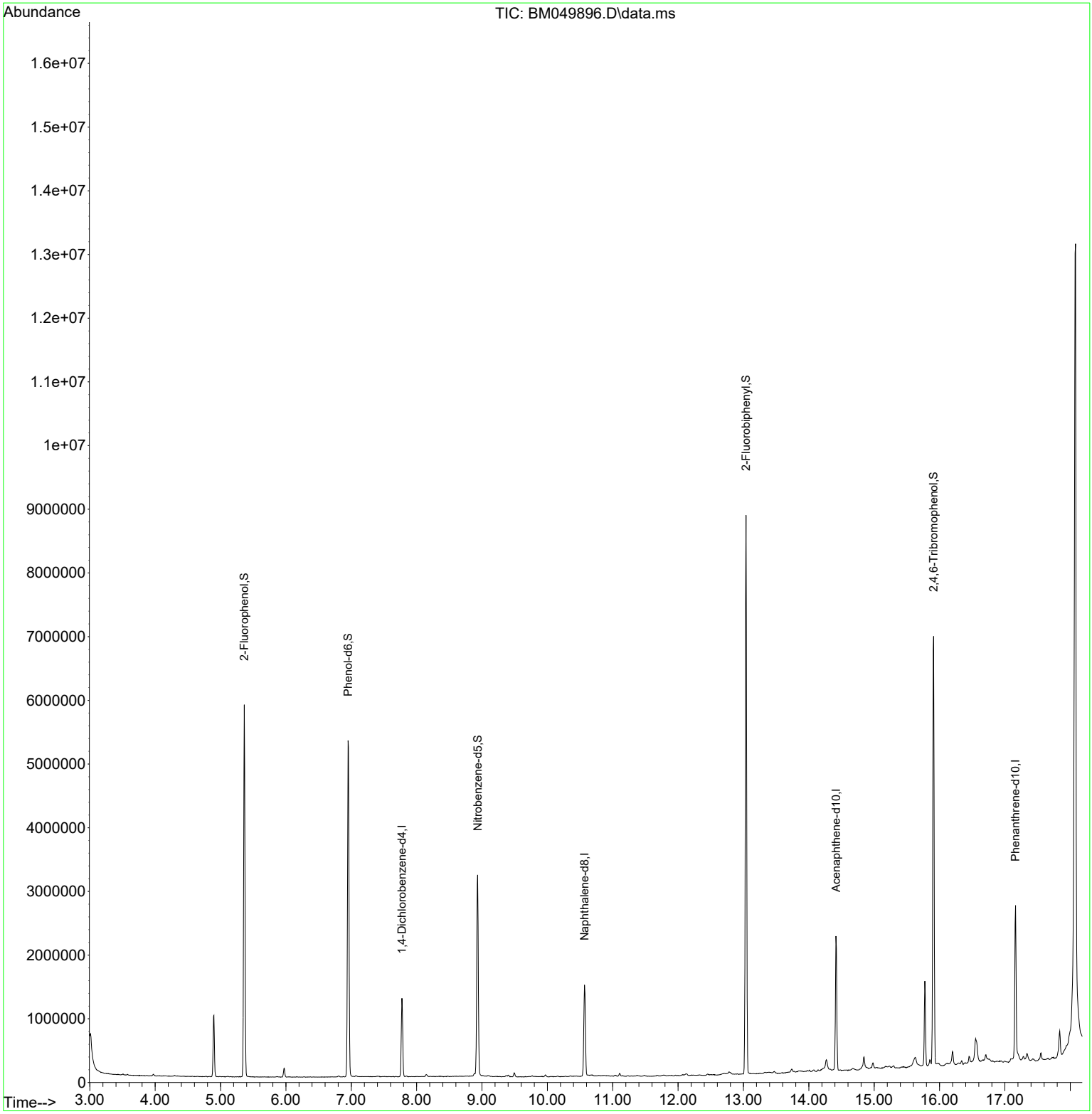
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	361301	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1222544	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	753026	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1392087	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1231616	20.000	ng	0.00
86) Perylene-d12	24.391	264	1380929	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2564472	120.527	ng	0.00
7) Phenol-d6	6.951	99	3187163	120.395	ng	0.00
23) Nitrobenzene-d5	8.934	82	1827974	83.262	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1455551	132.890	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4657836	83.876	ng	0.00
79) Terphenyl-d14	19.786	244	6278461	95.534	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049896.D
Acq On : 11 Apr 2025 11:41
Operator : RC/JU
Sample : Q1761-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3

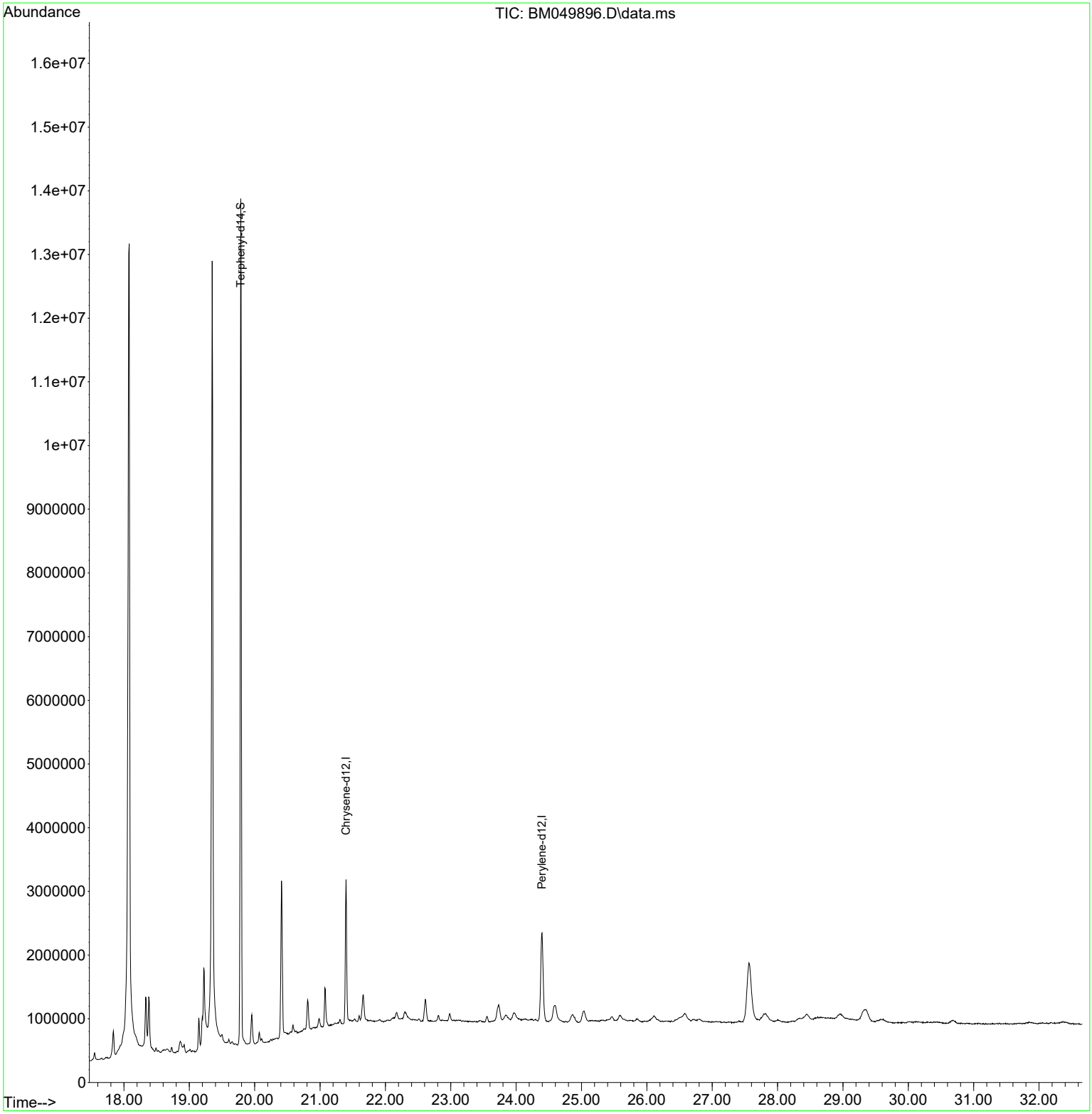
Quant Time: Apr 11 12:44:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

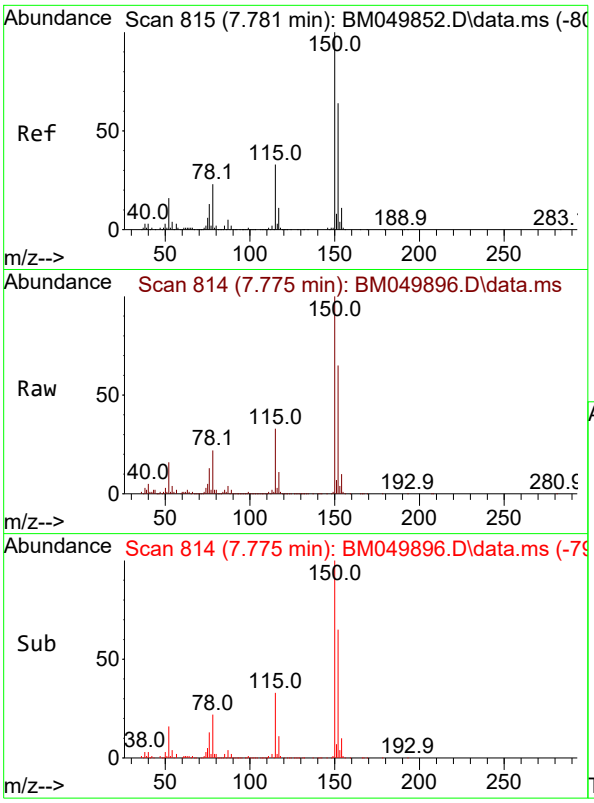


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049896.D
Acq On : 11 Apr 2025 11:41
Operator : RC/JU
Sample : Q1761-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3

Quant Time: Apr 11 12:44:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



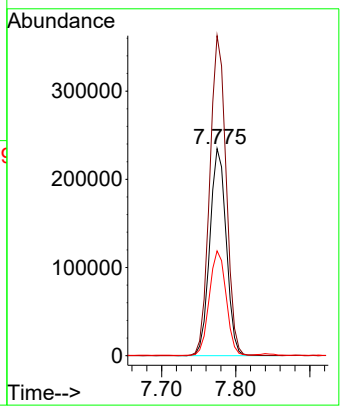


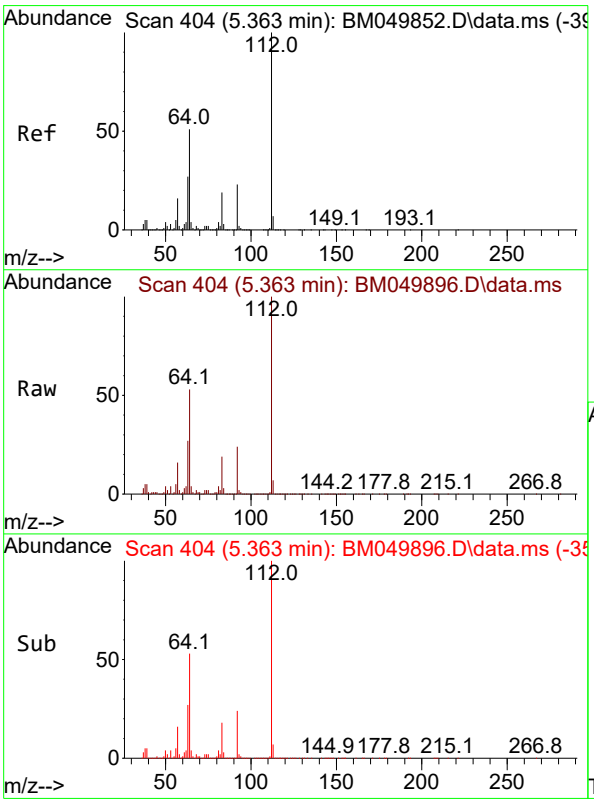
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion:152 Resp: 361301

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.3	186.5
115	50.6	41.1	61.7

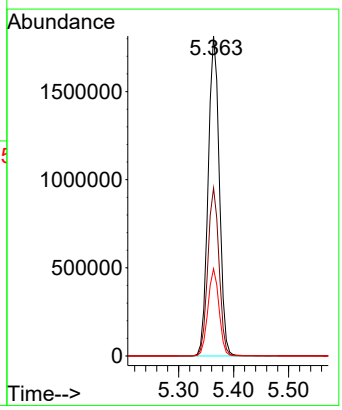


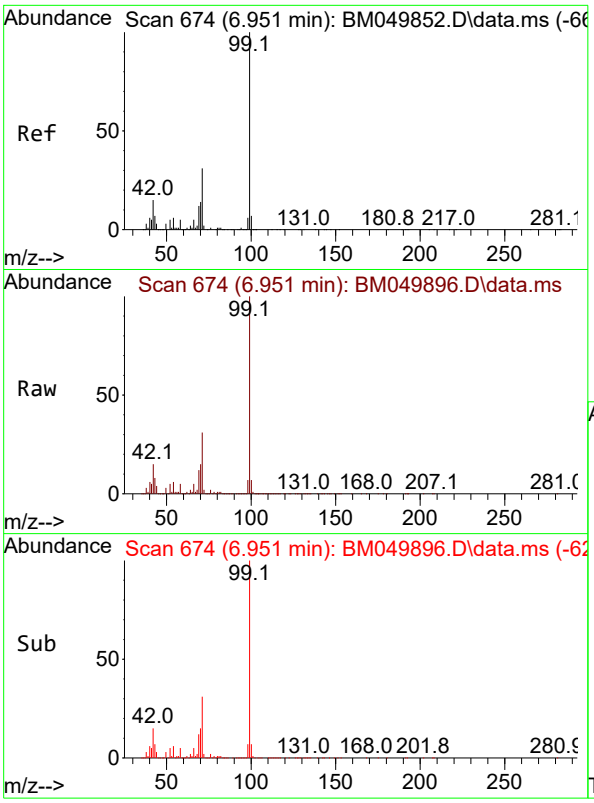


#5
2-Fluorophenol
Concen: 120.527 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:112 Resp: 2564472

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.0	61.6
63	27.3	21.5	32.3



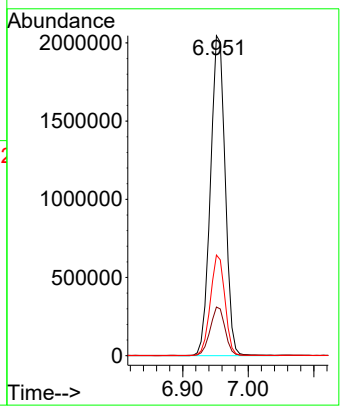


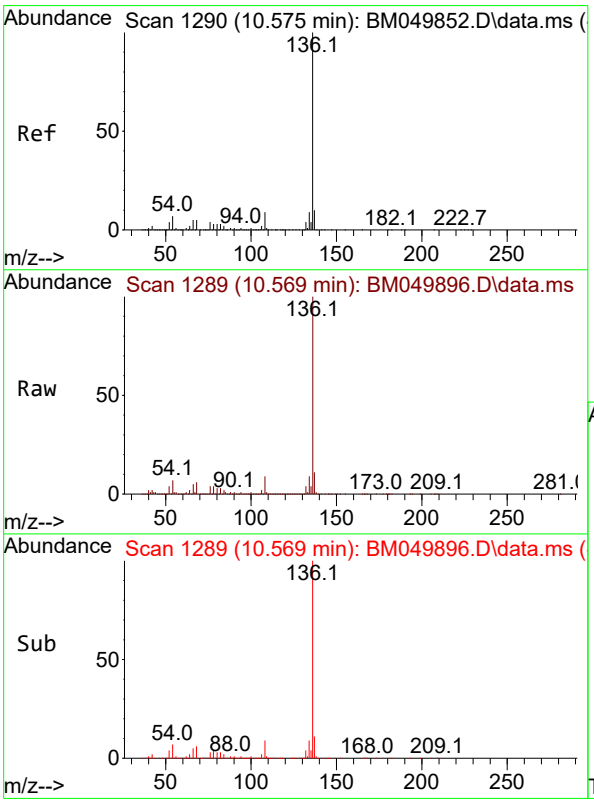
#7
Phenol-d6
Concen: 120.395 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion: 99 Resp: 3187163

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.1	18.1
71	31.4	24.9	37.3

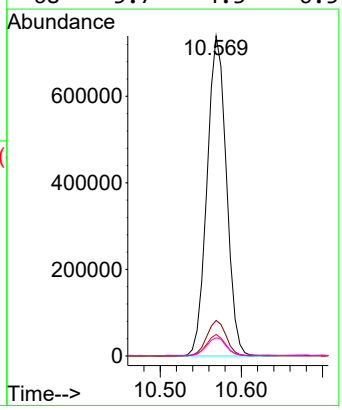


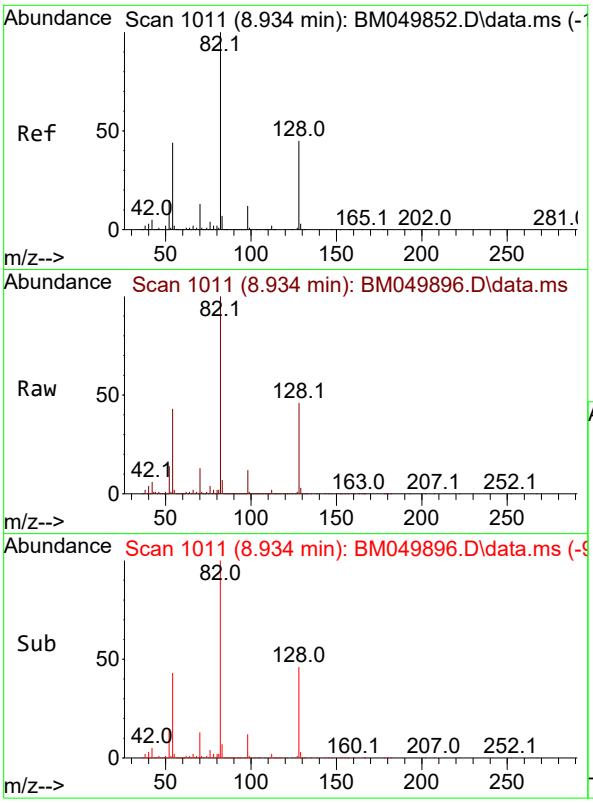


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:136 Resp: 1222544

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.7	5.3	7.9
68	5.7	4.3	6.5



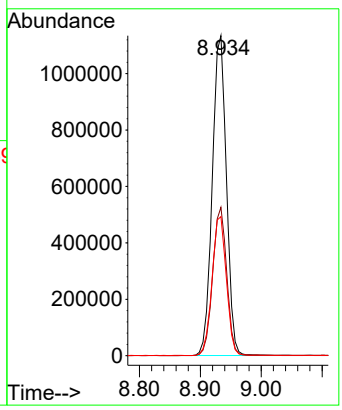


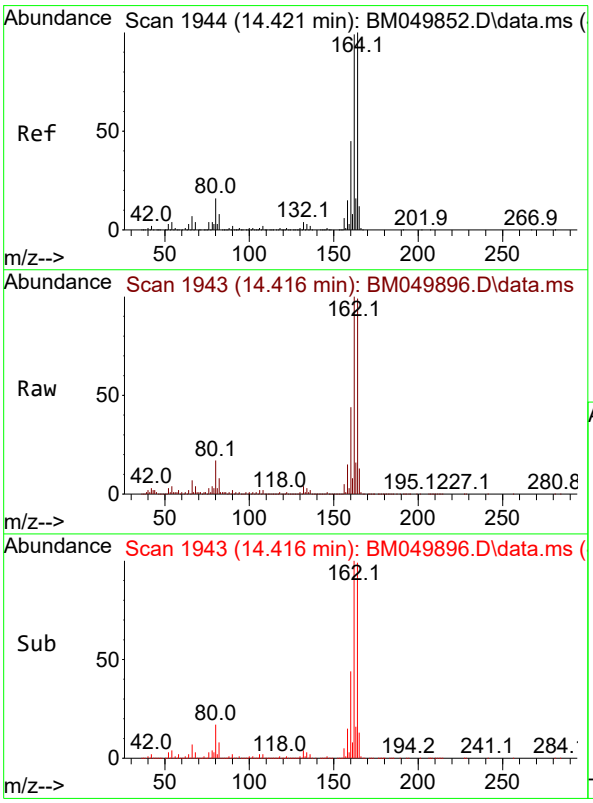
#23
Nitrobenzene-d5
Concen: 83.262 ng
RT: 8.934 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion: 82 Resp: 1827974

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.2	54.2
54	43.5	35.0	52.6

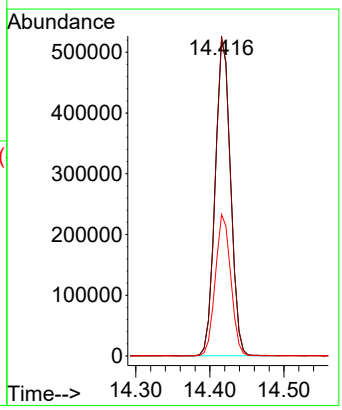


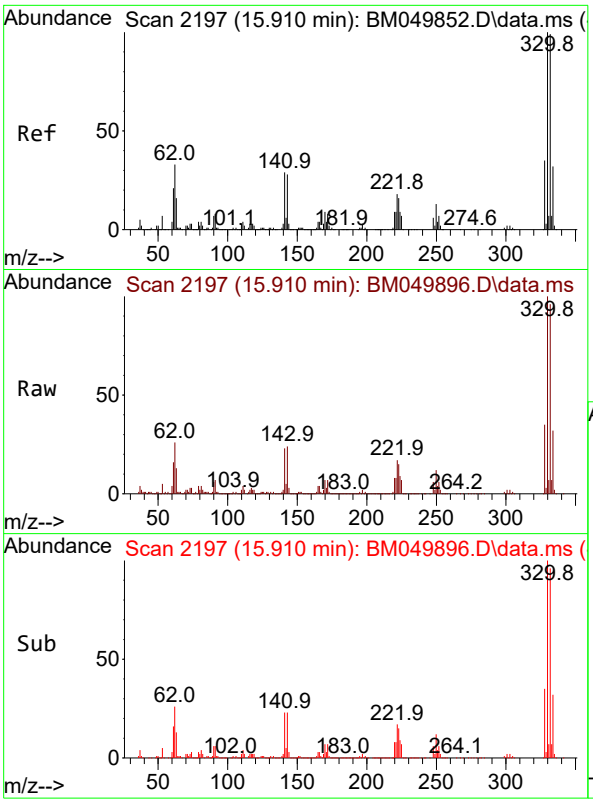


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:164 Resp: 753026

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.4	119.0
160	44.7	36.2	54.2



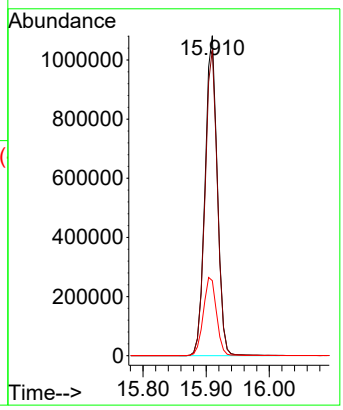


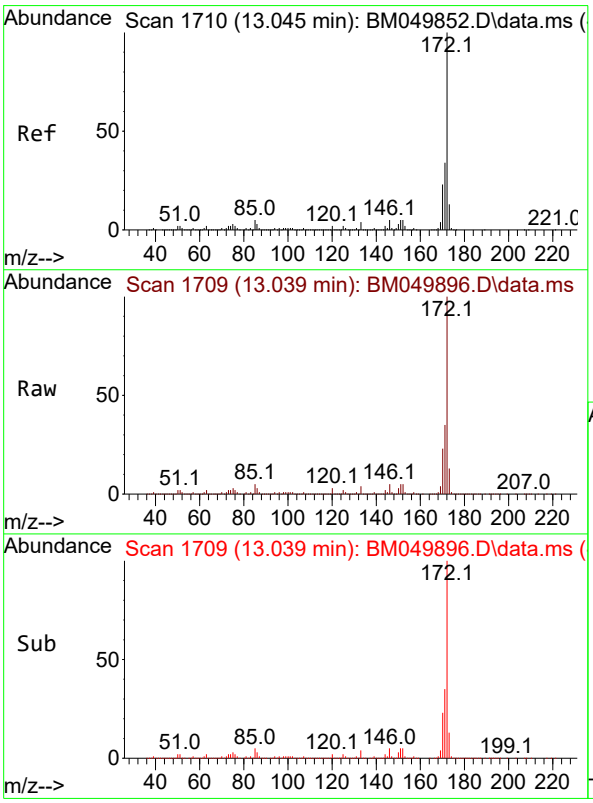
#42
2,4,6-Tribromophenol
Concen: 132.890 ng
RT: 15.910 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion:330 Resp: 1455551

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.0	117.0
141	26.1	23.5	35.3

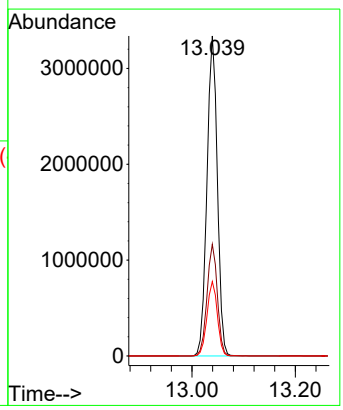


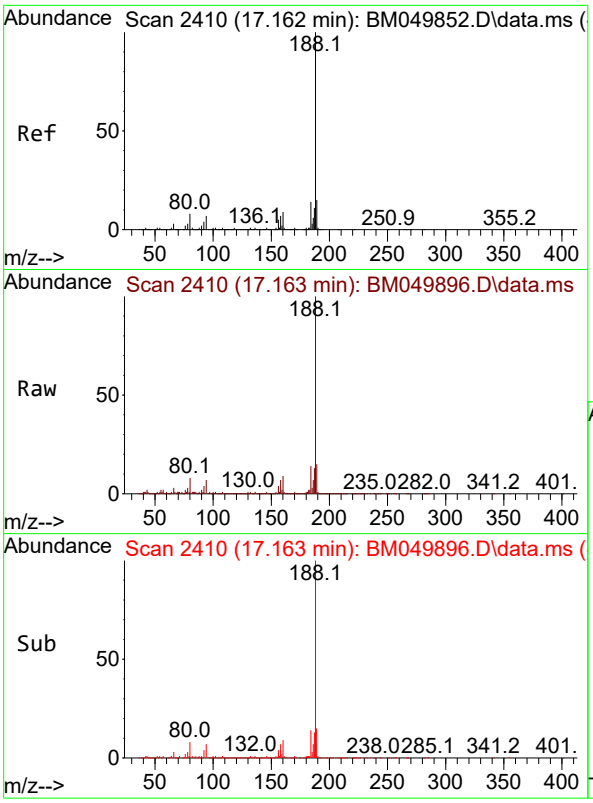


#45
2-Fluorobiphenyl
Concen: 83.876 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:172 Resp: 4657836

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.2
170	23.3	18.6	28.0



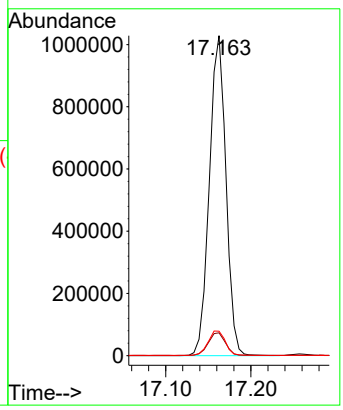


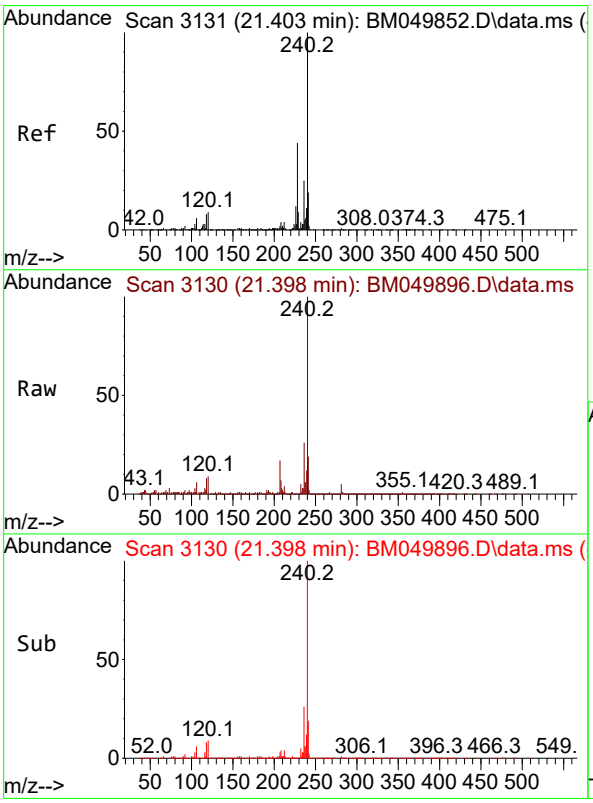
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion:188 Resp: 1392087

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.6
80	7.7	6.4	9.6

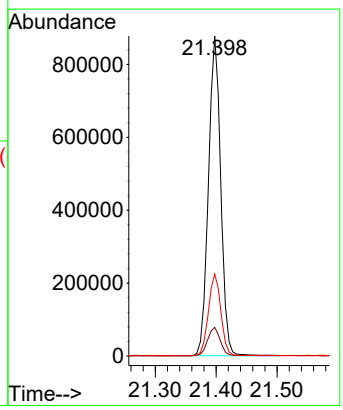


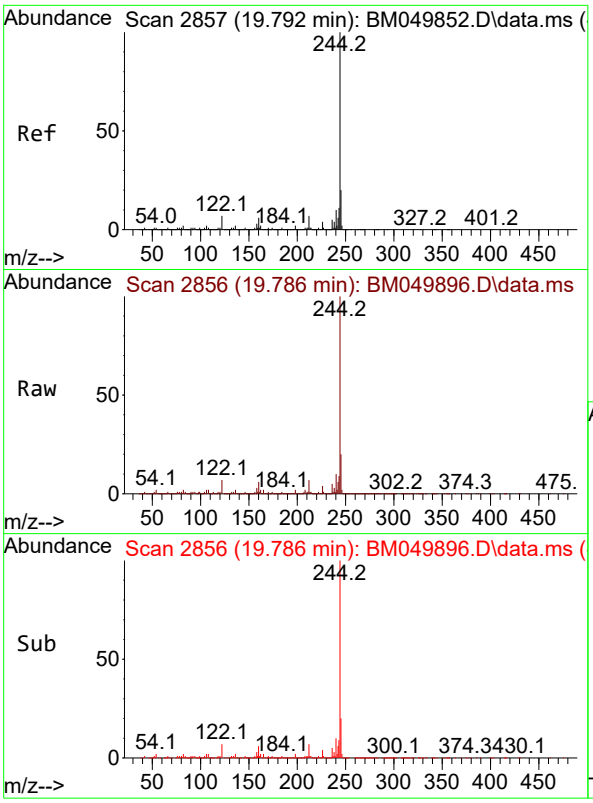


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:240 Resp: 1231616

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	25.6	20.4	30.6



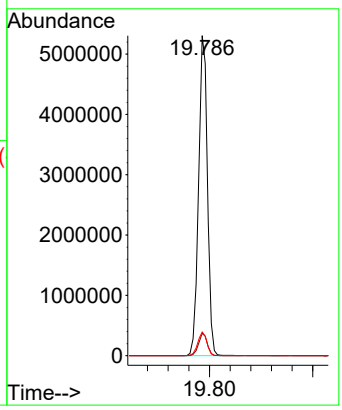


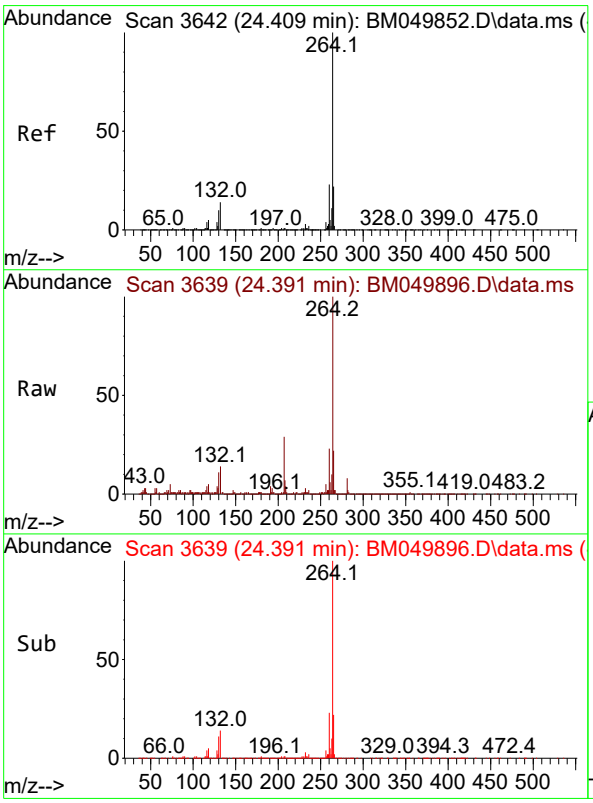
#79
Terphenyl-d14
Concen: 95.534 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Instrument :
BNA_M
ClientSampleId :
GST3

Tgt Ion:244 Resp: 6278461

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	7.4	5.4	8.0

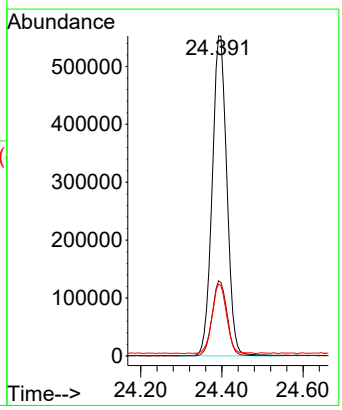




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:264 Resp: 1380929

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.4	17.8	26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049894.D
Acq On : 11 Apr 2025 10:17
Operator : RC/JU
Sample : PB167544BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Quant Time: Apr 11 11:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

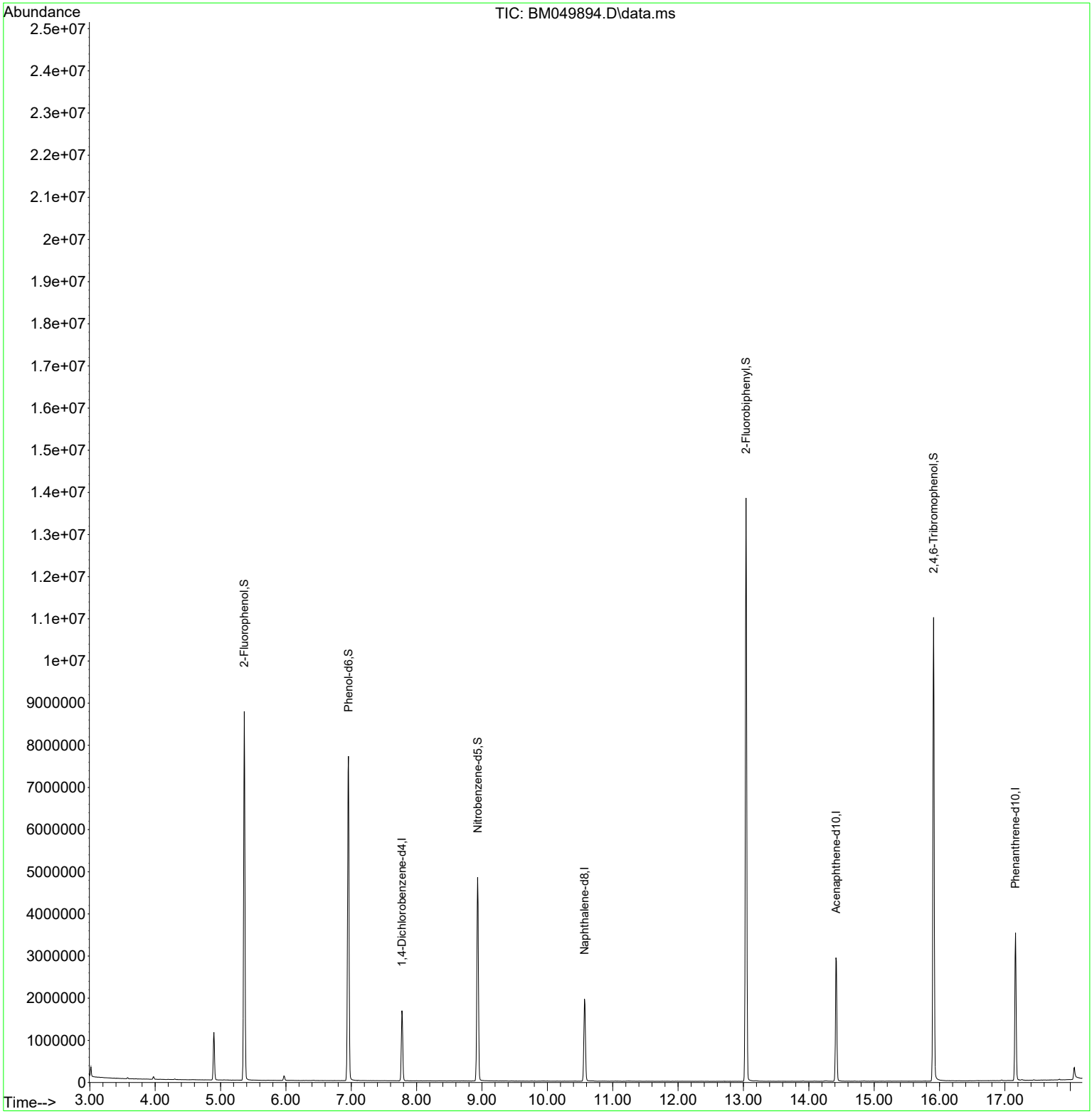
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	486554	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1686208	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	1083671	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	2084347	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1600250	20.000	ng	0.00
86) Perylene-d12	24.397	264	1555142	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3872807	135.161	ng	0.00
7) Phenol-d6	6.957	99	4713219	132.208	ng	0.00
23) Nitrobenzene-d5	8.934	82	2820535	93.145	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	2425155	153.857	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	7559795	94.597	ng	0.00
79) Terphenyl-d14	19.786	244	10363780	121.370	ng	0.00
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049894.D
Acq On : 11 Apr 2025 10:17
Operator : RC/JU
Sample : PB167544BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BL

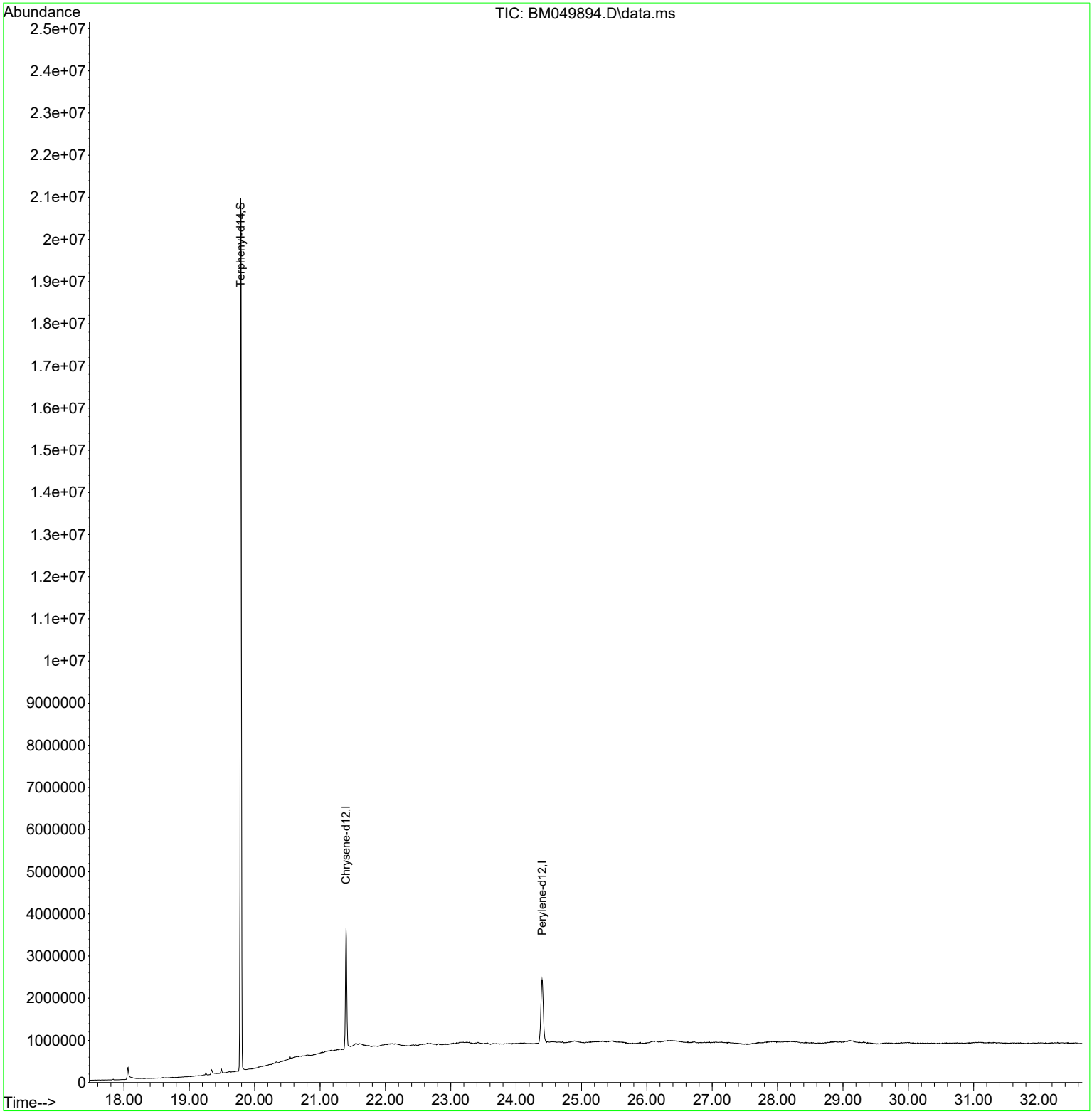
Quant Time: Apr 11 11:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

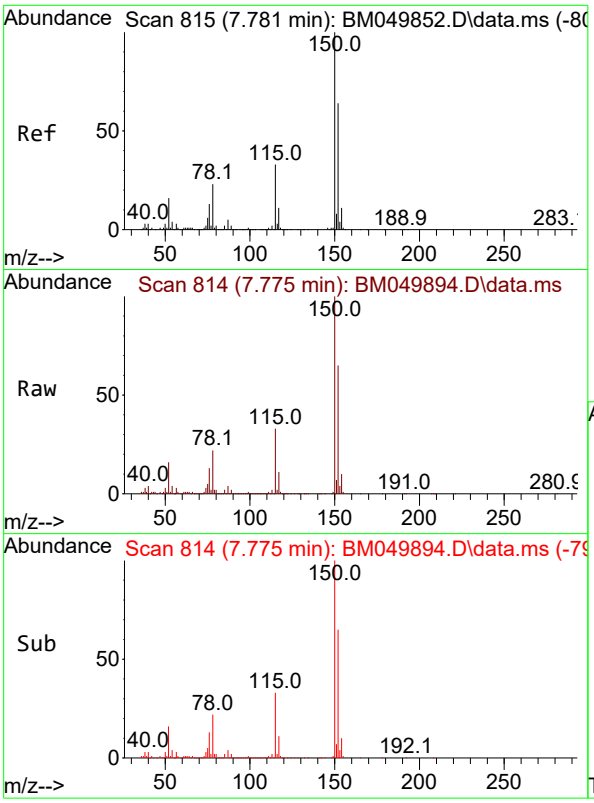


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049894.D
Acq On : 11 Apr 2025 10:17
Operator : RC/JU
Sample : PB167544BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Quant Time: Apr 11 11:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



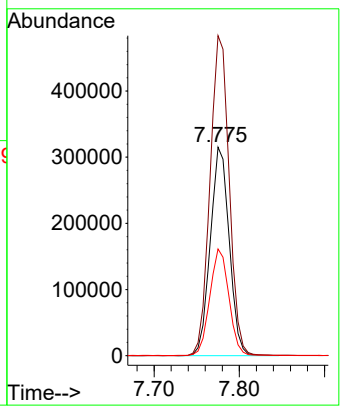


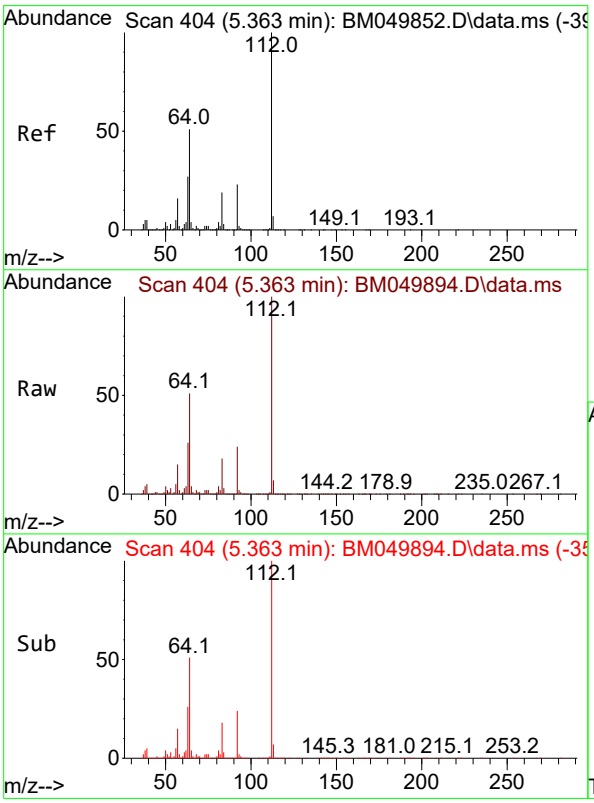
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion:152 Resp: 486554

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.3	186.5
115	51.2	41.1	61.7

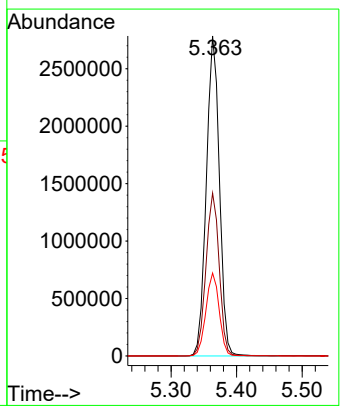


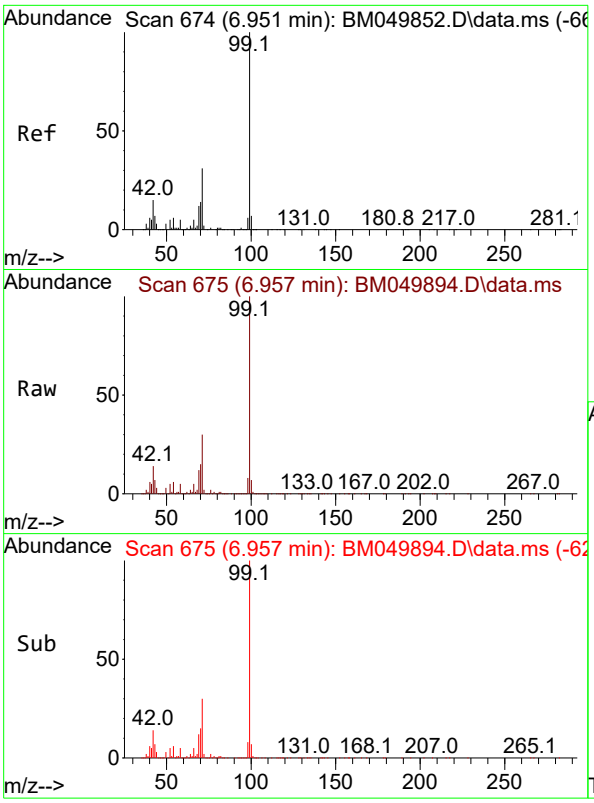


#5
2-Fluorophenol
Concen: 135.161 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:112 Resp: 3872807

Ion	Ratio	Lower	Upper
112	100		
64	50.9	41.0	61.6
63	25.9	21.5	32.3



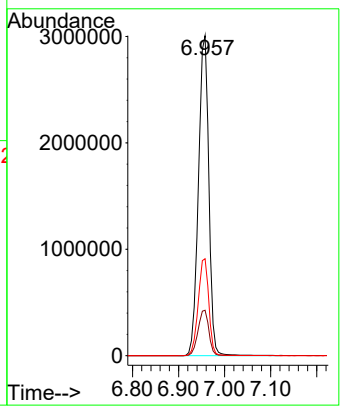


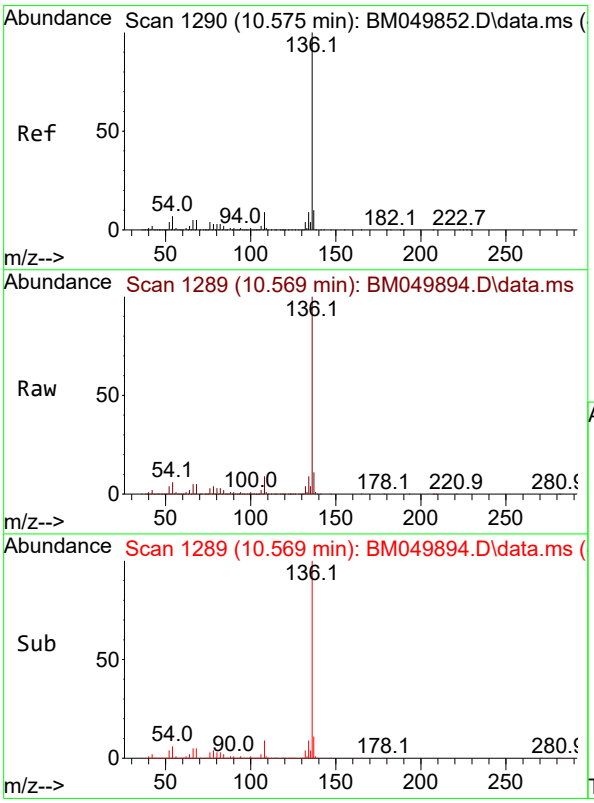
#7
Phenol-d6
Concen: 132.208 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion: 99 Resp: 4713219

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.1	18.1
71	30.3	24.9	37.3

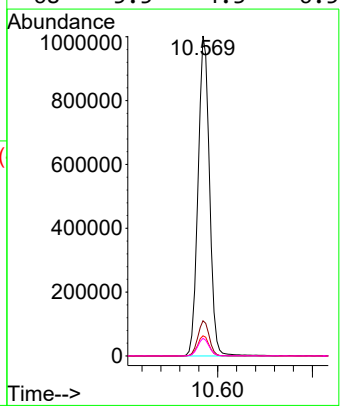


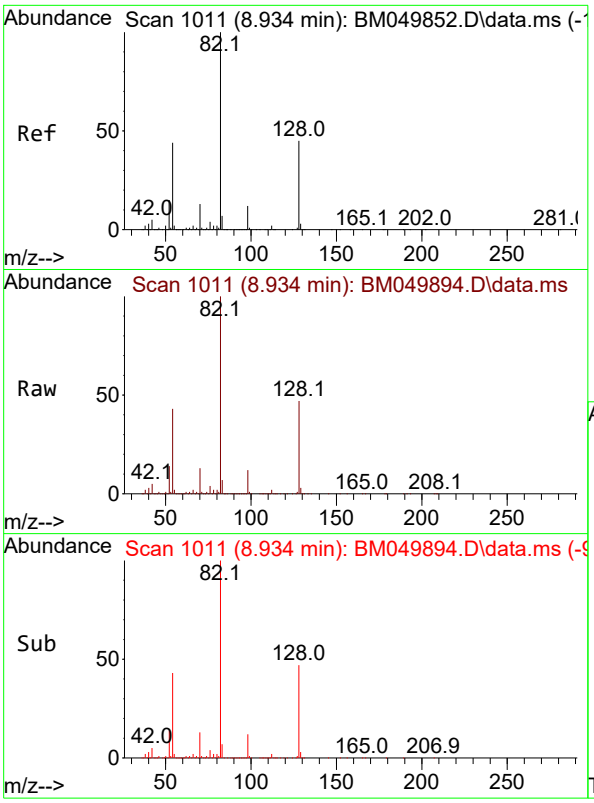


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:136 Resp: 1686208

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.3	5.3	7.9
68	5.5	4.3	6.5



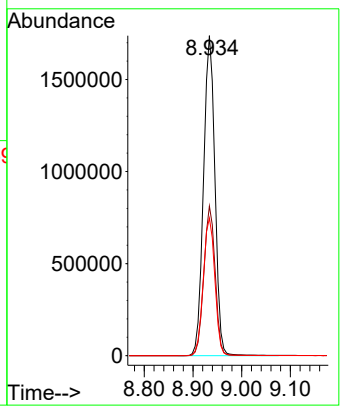


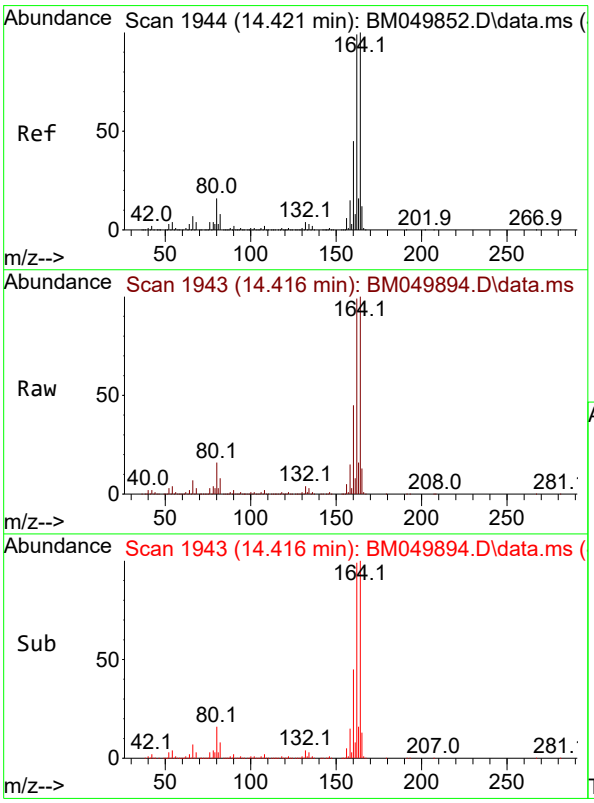
#23
Nitrobenzene-d5
Concen: 93.145 ng
RT: 8.934 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion: 82 Resp: 2820535

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.2	54.2
54	43.0	35.0	52.6

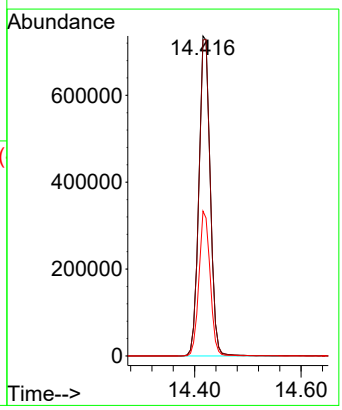


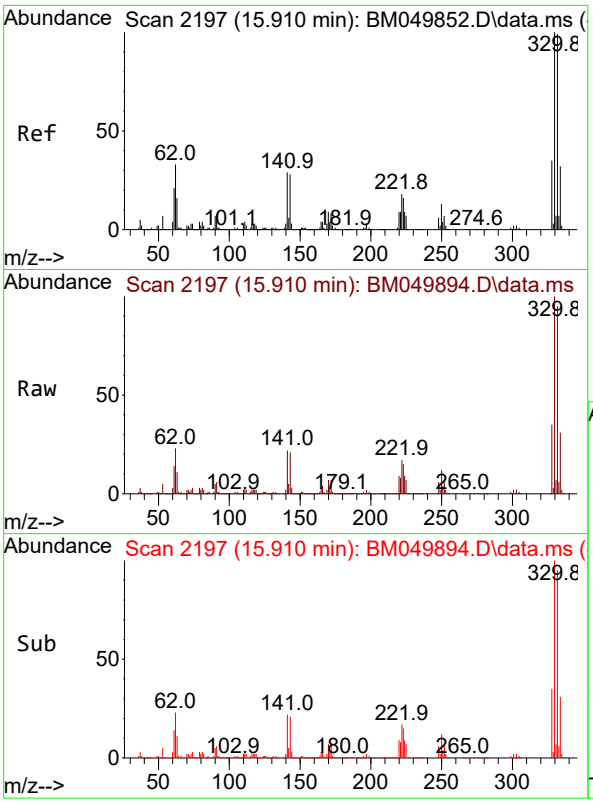


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:164 Resp: 1083671

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.4	119.0
160	45.3	36.2	54.2



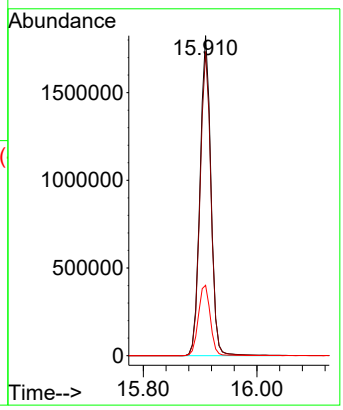


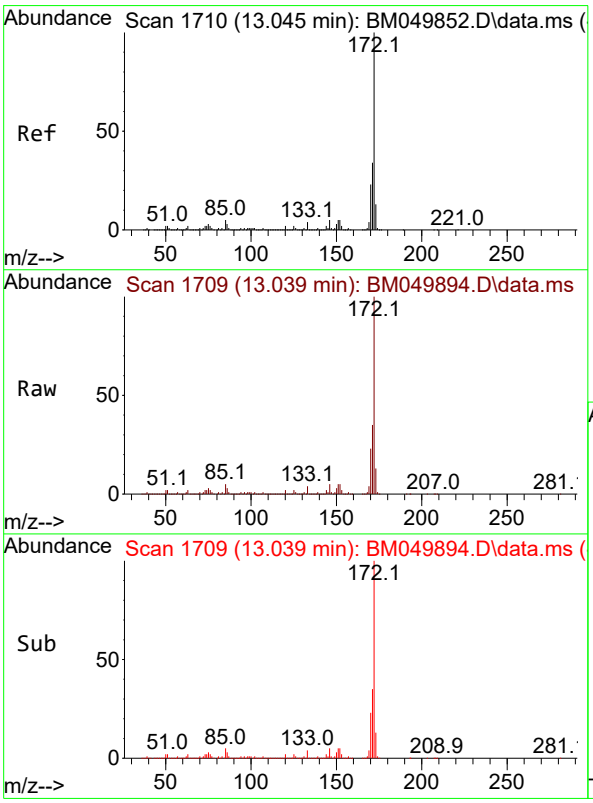
#42
2,4,6-Tribromophenol
Concen: 153.857 ng
RT: 15.910 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion:330 Resp: 2425155

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	24.3	23.5	35.3

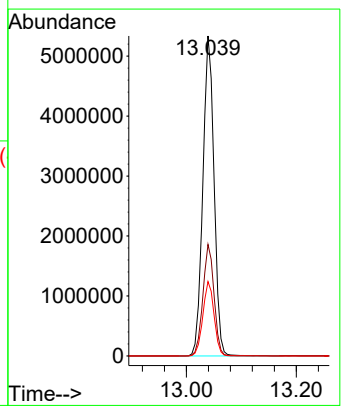


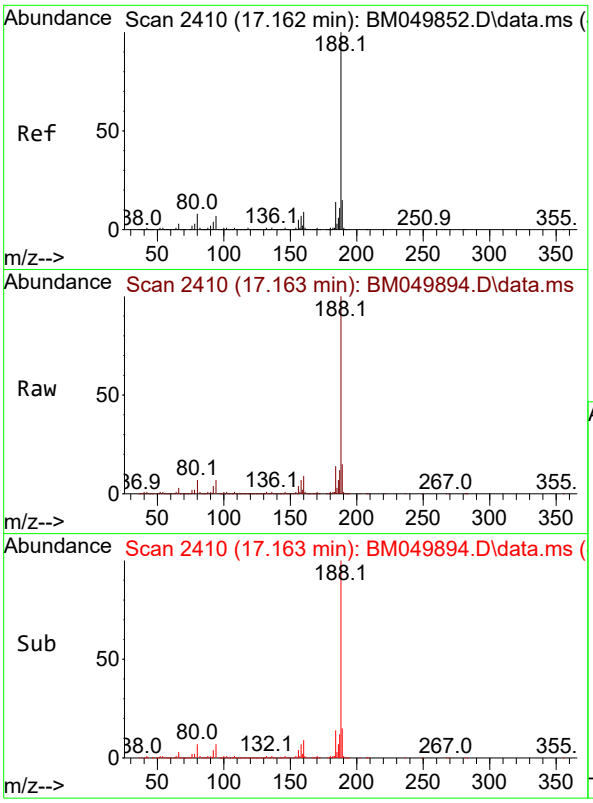


#45
2-Fluorobiphenyl
Concen: 94.597 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:172 Resp: 7559795

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.2
170	23.2	18.6	28.0



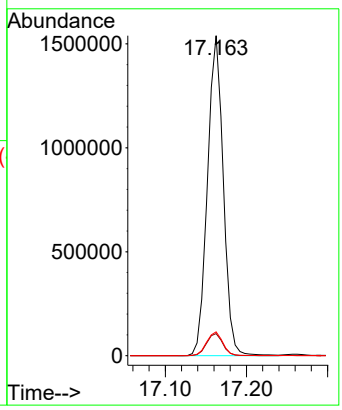


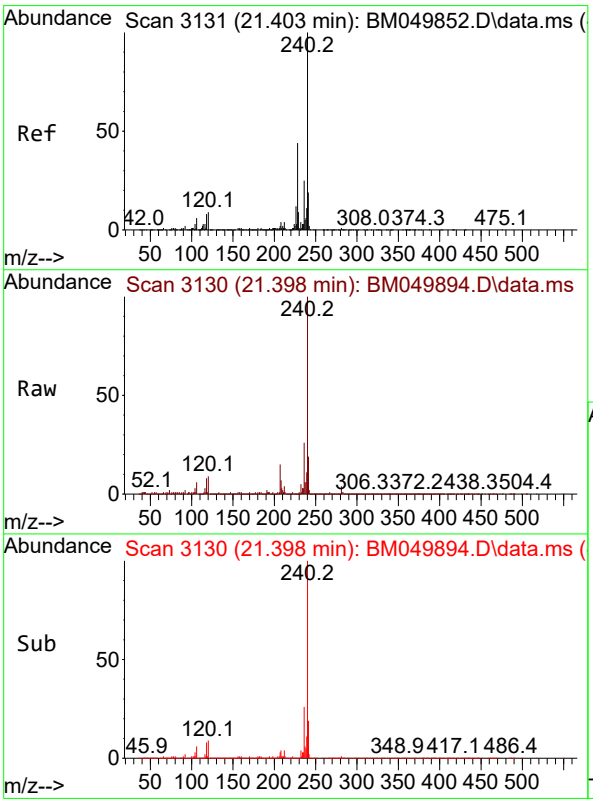
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion:188 Resp: 2084347

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.6
80	7.5	6.4	9.6

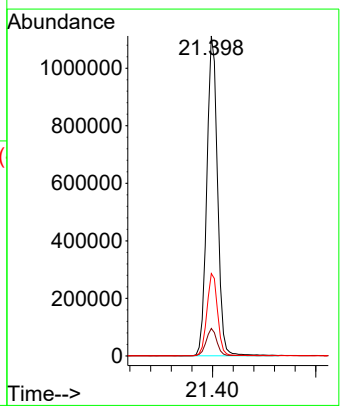


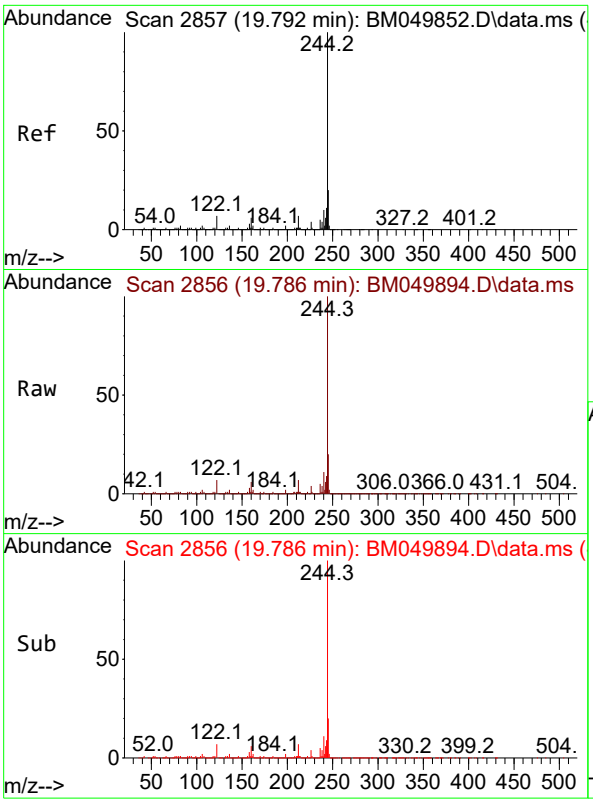


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:240 Resp: 1600250

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	25.7	20.4	30.6



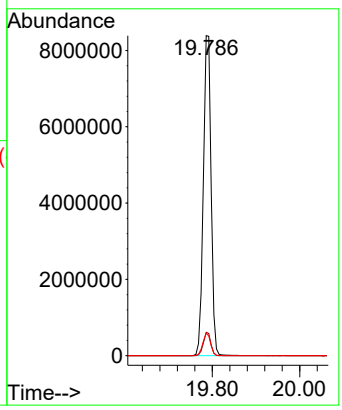


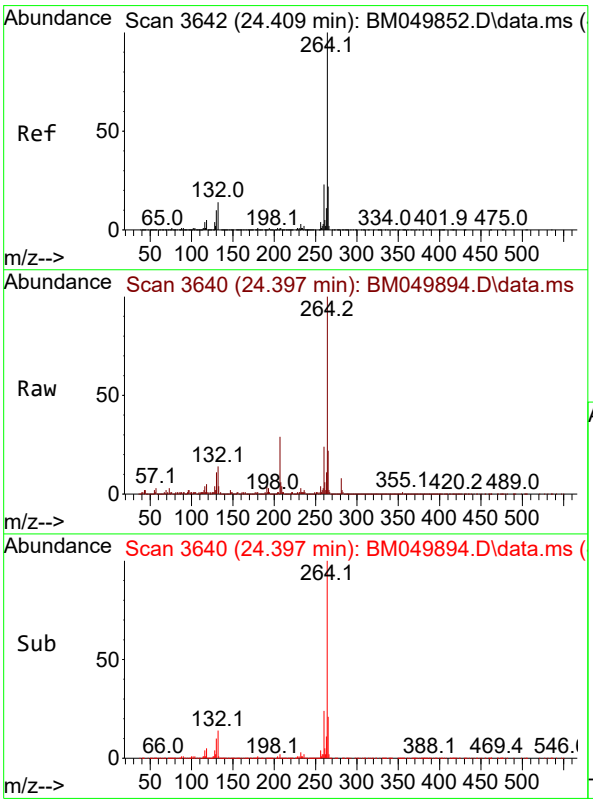
#79
Terphenyl-d14
Concen: 121.370 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Instrument :
BNA_M
ClientSampleId :
PB167544BL

Tgt Ion:244 Resp:10363780

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	7.1	5.4	8.0

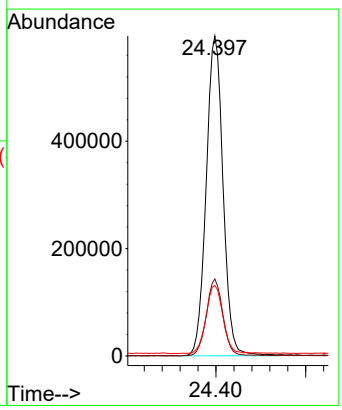




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.012 min
Lab File: BM049894.D
Acq: 11 Apr 2025 10:17

Tgt Ion:264 Resp: 1555142

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.0	17.8	26.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049895.D
Acq On : 11 Apr 2025 10:56
Operator : RC/JU
Sample : PB167544BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BS

Quant Time: Apr 11 12:13:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	408732	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1404608	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	877536	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1626496	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1335581	20.000	ng	0.00
86) Perylene-d12	24.397	264	1358357	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	3191140	132.576	ng	0.00
7) Phenol-d6	6.957	99	3859532	128.875	ng	0.00
23) Nitrobenzene-d5	8.934	82	2242037	88.885	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1810286	141.827	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	5885004	90.938	ng	0.00
79) Terphenyl-d14	19.786	244	7980954	111.987	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	377083	38.039	ng	99
3) Pyridine	3.663	79	1059602	40.683	ng	97
4) n-Nitrosodimethylamine	3.569	42	443509	44.746	ng	96
6) Aniline	7.104	93	819960	31.953	ng	99
8) 2-Chlorophenol	7.346	128	1212993	49.174	ng	100
9) Benzaldehyde	6.916	77	619959	40.340	ng	99
10) Phenol	6.981	94	1416013	48.452	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1100831	48.034	ng	99
12) 1,3-Dichlorobenzene	7.669	146	1394493	47.816	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1404604	47.866	ng	100
14) 1,2-Dichlorobenzene	8.128	146	1342735	48.580	ng	99
15) Benzyl Alcohol	8.016	79	938253	49.753	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1287543	50.405	ng	99
17) 2-Methylphenol	8.228	107	922240	51.208	ng	99
18) Hexachloroethane	8.857	117	481403	47.153	ng	95
19) n-Nitroso-di-n-propyla...	8.587	70	800126	48.239	ng	98
20) 3+4-Methylphenols	8.551	107	1229159	50.061	ng	99
22) Acetophenone	8.598	105	1586775	46.483	ng	99
24) Nitrobenzene	8.975	77	1142581	47.042	ng	99
25) Isophorone	9.504	82	2140268	50.651	ng	99
26) 2-Nitrophenol	9.687	139	631526	49.057	ng	97
27) 2,4-Dimethylphenol	9.751	122	1045085	71.635	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1369229	48.401	ng	99
29) 2,4-Dichlorophenol	10.222	162	1189520	49.051	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	1351494	48.174	ng	99
31) Naphthalene	10.622	128	3305519	45.799	ng	99
32) Benzoic acid	9.904	122	754581	42.843	ng	97
33) 4-Chloroaniline	10.728	127	224960	8.827	ng	99
34) Hexachlorobutadiene	10.910	225	863288	49.747	ng	98
35) Caprolactam	11.516	113	302246	43.455	ng	99
36) 4-Chloro-3-methylphenol	11.869	107	1007565	47.432	ng	98
37) 2-Methylnaphthalene	12.239	142	2167106	42.617	ng	99
38) 1-Methylnaphthalene	12.457	142	2274096	45.903	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1524999	49.674	ng	98
41) Hexachlorocyclopentadiene	12.592	237	2269561	210.973	ng	98
43) 2,4,6-Trichlorophenol	12.851	196	993843	50.873	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049895.D
Acq On : 11 Apr 2025 10:56
Operator : RC/JU
Sample : PB167544BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BS

Quant Time: Apr 11 12:13:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

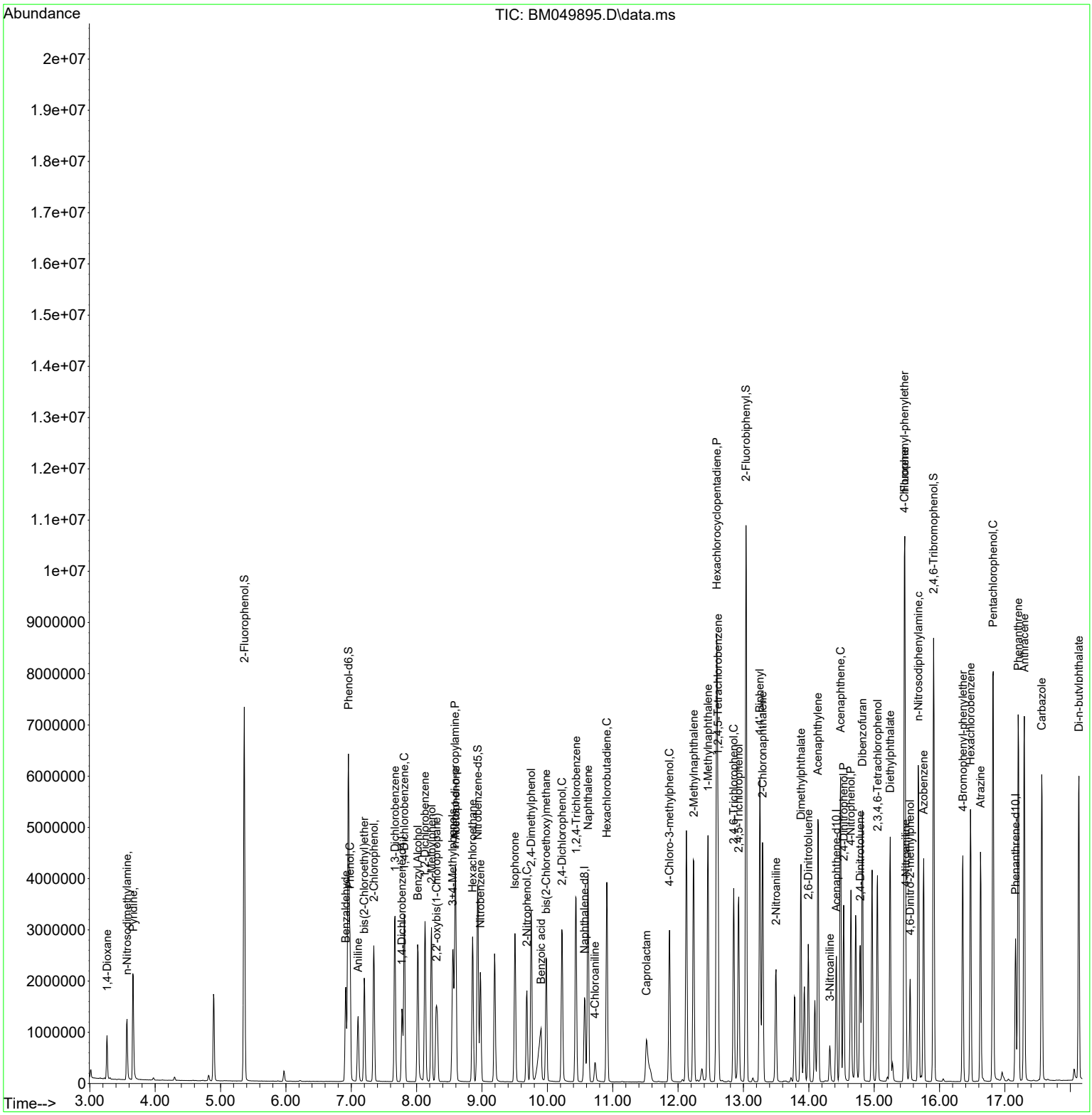
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	1063039	50.073	ng	98
46) 1,1'-Biphenyl	13.251	154	3111862	47.704	ng	99
47) 2-Chloronaphthalene	13.292	162	2466554	48.107	ng	99
48) 2-Nitroaniline	13.498	65	572474	48.263	ng	100
49) Acenaphthylene	14.139	152	3850334	51.554	ng	100
50) Dimethylphthalate	13.880	163	2921813	47.195	ng	100
51) 2,6-Dinitrotoluene	13.992	165	637404	49.142	ng	97
52) Acenaphthene	14.486	154	2226216	46.861	ng	100
53) 3-Nitroaniline	14.322	138	199597	15.922	ng	96
54) 2,4-Dinitrophenol	14.533	184	840990	88.671	ng	96
55) Dibenzofuran	14.822	168	3624814	45.643	ng	98
56) 4-Nitrophenol	14.645	139	1082119	96.864	ng	98
57) 2,4-Dinitrotoluene	14.786	165	873350	50.471	ng	95
58) Fluorene	15.469	166	2969299	47.037	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.051	232	889457	47.802	ng	96
60) Diethylphthalate	15.245	149	2697088	45.429	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	1641405	48.498	ng	100
62) 4-Nitroaniline	15.486	138	554288	42.755	ng	99
63) Azobenzene	15.757	77	2278073	44.818	ng	97
65) 4,6-Dinitro-2-methylph...	15.551	198	517365	50.477	ng	97
66) n-Nitrosodiphenylamine	15.674	169	2517787	51.727	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	992589	52.569	ng	95
68) Hexachlorobenzene	16.474	284	1144611	52.850	ng	99
69) Atrazine	16.627	200	897636	71.125	ng	98
70) Pentachlorophenol	16.821	266	1586046	99.471	ng	99
71) Phenanthrene	17.204	178	4428726	49.666	ng	100
72) Anthracene	17.298	178	4531449	51.566	ng	100
73) Carbazole	17.563	167	3958225	47.823	ng	99
74) Di-n-butylphthalate	18.133	149	4480310	46.996	ng	99
75) Fluoranthene	19.221	202	5022697	45.811	ng	99
77) Benzidine	19.404	184	1869956	105.538	ng	100
78) Pyrene	19.586	202	5089927	55.298	ng	100
80) Butylbenzylphthalate	20.480	149	1823190	52.714	ng	99
81) Benzo(a)anthracene	21.380	228	4536466	51.108	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	915890	27.323	ng	99
83) Chrysene	21.445	228	4159012	49.285	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	2524889	50.106	ng	98
85) Di-n-octyl phthalate	22.439	149	4210062	47.757	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	5197740	51.334	ng	99
88) Benzo(b)fluoranthene	23.456	252	4214364	48.579	ng	99
89) Benzo(k)fluoranthene	23.515	252	4116495	48.965	ng	100
90) Benzo(a)pyrene	24.262	252	4018826	52.718	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	4247908	50.933	ng	99
92) Benzo(g,h,i)perylene	28.844	276	4195721	49.231	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049895.D
Acq On : 11 Apr 2025 10:56
Operator : RC/JU
Sample : PB167544BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BS

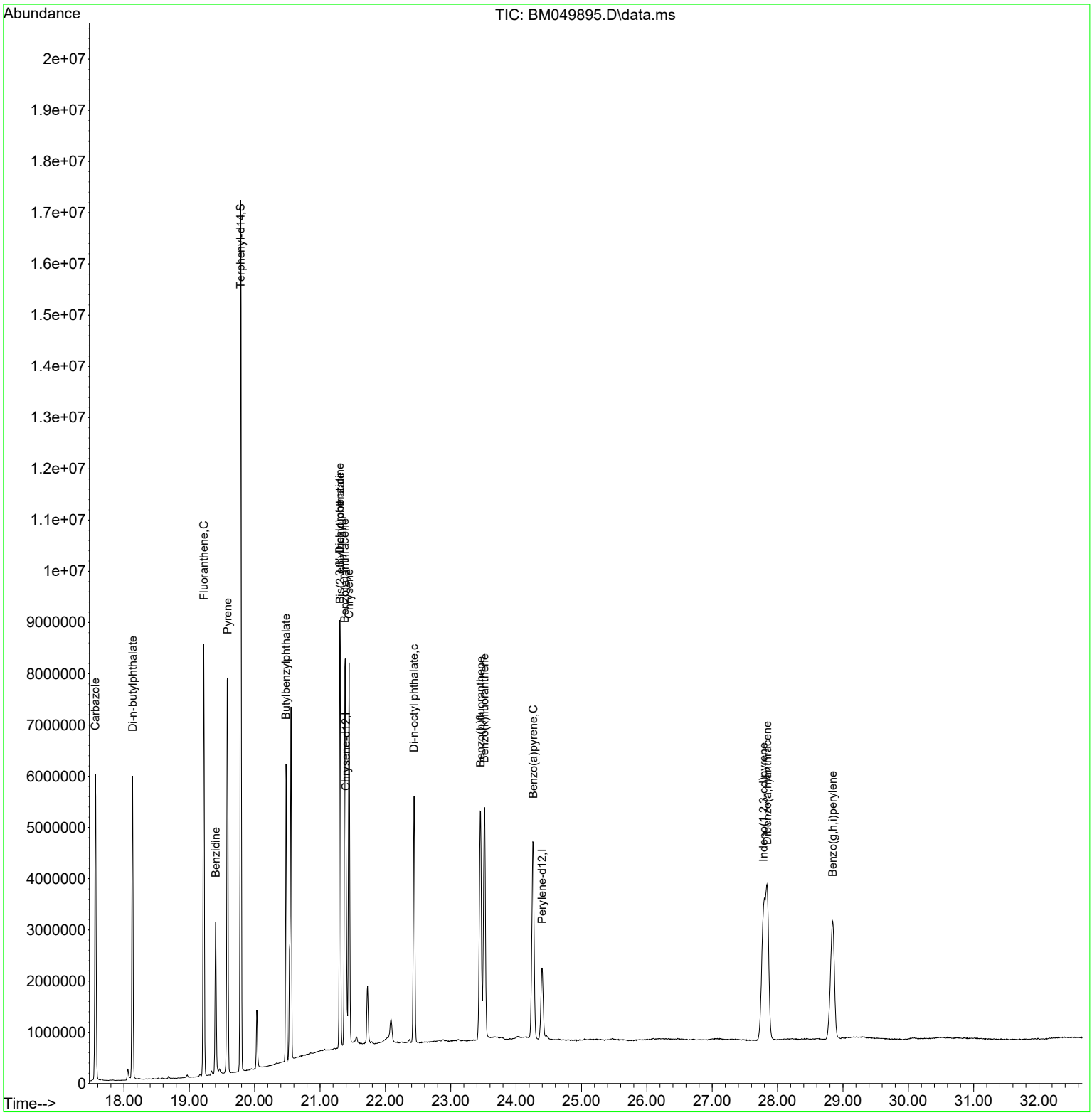
Quant Time: Apr 11 12:13:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049895.D
Acq On : 11 Apr 2025 10:56
Operator : RC/JU
Sample : PB167544BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167544BS

Quant Time: Apr 11 12:13:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



Sample Results: **BM049897.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049897.D
Acq On : 11 Apr 2025 12:20
Operator : RC/JU
Sample : Q1761-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 13:05:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GST3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	398038	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1400227	20.000	ng	0.00
39) Acenaphthene-d10	14.421	164	921596	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1779577	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1521016	20.000	ng	0.00
86) Perylene-d12	24.391	264	1498756	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2620349	111.787	ng	0.00
7) Phenol-d6	6.957	99	3316422	113.715	ng	0.00
23) Nitrobenzene-d5	8.934	82	1826404	72.634	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1639606	122.313	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4944152	72.747	ng	0.00
79) Terphenyl-d14	19.786	244	7310413	90.072	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	396907	41.115	ng	99
3) Pyridine	3.657	79	1111515	43.823	ng	98
4) n-Nitrosodimethylamine	3.569	42	456107	47.253	ng	98
6) Aniline	7.104	93	951439	38.072	ng	99
8) 2-Chlorophenol	7.345	128	1238038	51.538	ng	100
9) Benzaldehyde	6.916	77	680086	45.441	ng	97
10) Phenol	6.981	94	1474293	51.802	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	1114829	49.951	ng	99
12) 1,3-Dichlorobenzene	7.669	146	1408845	49.606	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1414062	49.483	ng	99
14) 1,2-Dichlorobenzene	8.128	146	1358603	50.475	ng	100
15) Benzyl Alcohol	8.016	79	991685	53.999	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1302003	52.340	ng	100
17) 2-Methylphenol	8.228	107	947495	54.024	ng	99
18) Hexachloroethane	8.857	117	490660	49.351	ng	96
19) n-Nitroso-di-n-propyla...	8.587	70	827807	51.248	ng	99
20) 3+4-Methylphenols	8.551	107	1296004	54.202	ng	99
22) Acetophenone	8.598	105	1640443	48.206	ng	100
24) Nitrobenzene	8.975	77	1178336	48.666	ng	97
25) Isophorone	9.504	82	2279301	54.110	ng	99
26) 2-Nitrophenol	9.686	139	659816	51.415	ng	99
27) 2,4-Dimethylphenol	9.751	122	1081365	74.353	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1426247	50.575	ng	99
29) 2,4-Dichlorophenol	10.228	162	1258087	52.040	ng	98
30) 1,2,4-Trichlorobenzene	10.433	180	1373870	49.124	ng	99
31) Naphthalene	10.622	128	3398694	47.237	ng	99
32) Benzoic acid	9.904	122	792138m	44.664	ng	
33) 4-Chloroaniline	10.728	127	415897	16.370	ng	98
34) Hexachlorobutadiene	10.910	225	872371	50.428	ng	99
35) Caprolactam	11.522	113	347822	50.164	ng	96
36) 4-Chloro-3-methylphenol	11.869	107	1109094	52.374	ng	98
37) 2-Methylnaphthalene	12.233	142	2290574	45.186	ng	99
38) 1-Methylnaphthalene	12.457	142	2410802	48.815	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1613836	50.054	ng	99
41) Hexachlorocyclopentadiene	12.592	237	2158702	191.075	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	1075090	52.401	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049897.D
Acq On : 11 Apr 2025 12:20
Operator : RC/JU
Sample : Q1761-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 13:05:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GST3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	1170147	52.484	ng	99
46) 1,1'-Biphenyl	13.251	154	3363229	49.092	ng	100
47) 2-Chloronaphthalene	13.292	162	2643920	49.101	ng	99
48) 2-Nitroaniline	13.498	65	643988	51.696	ng	99
49) Acenaphthylene	14.139	152	4197613	53.517	ng	99
50) Dimethylphthalate	13.880	163	3273425	50.347	ng	99
51) 2,6-Dinitrotoluene	13.992	165	708816	52.035	ng	100
52) Acenaphthene	14.486	154	2450799	49.122	ng	99
53) 3-Nitroaniline	14.321	138	290745	22.083	ng	92
54) 2,4-Dinitrophenol	14.533	184	862493	86.760	ng	95
55) Dibenzofuran	14.821	168	3997202	47.926	ng	98
56) 4-Nitrophenol	14.645	139	1255789	107.036	ng	99
57) 2,4-Dinitrotoluene	14.786	165	984271	54.162	ng	95
58) Fluorene	15.468	166	3312023	49.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	991195	50.723	ng	97
60) Diethylphthalate	15.245	149	3055827	49.010	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	1828146	51.433	ng	98
62) 4-Nitroaniline	15.486	138	652892	47.953	ng	99
63) Azobenzene	15.757	77	2915396	54.614	ng	96
65) 4,6-Dinitro-2-methylph...	15.551	198	557624	49.725	ng	97
66) n-Nitrosodiphenylamine	15.680	169	2818922	52.931	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	1121321	54.278	ng	95
68) Hexachlorobenzene	16.474	284	1280020	54.018	ng	99
69) Atrazine	16.633	200	1041186	75.403	ng	97
70) Pentachlorophenol	16.815	266	1777954	101.914	ng	99
71) Phenanthrene	17.204	178	5014269	51.395	ng	100
72) Anthracene	17.298	178	5118456	53.236	ng	100
73) Carbazole	17.562	167	4537431	50.105	ng	99
74) Di-n-butylphthalate	18.133	149	5207201	49.922	ng	100
75) Fluoranthene	19.221	202	5833029	48.625	ng	99
77) Benzidine	19.403	184	2195825	108.820	ng	100
78) Pyrene	19.586	202	5876662	56.061	ng	99
80) Butylbenzylphthalate	20.480	149	2147355	54.517	ng	99
81) Benzo(a)anthracene	21.380	228	5371938	53.142	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	998618	26.159	ng	99
83) Chrysene	21.445	228	4869666	50.671	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	3032341	52.840	ng	98
85) Di-n-octyl phthalate	22.439	149	5028056	50.083	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	5782529	51.760	ng	99
88) Benzo(b)fluoranthene	23.450	252	4790847	50.051	ng	99
89) Benzo(k)fluoranthene	23.515	252	4889726	52.714	ng	99
90) Benzo(a)pyrene	24.262	252	4626971	55.010	ng	98
91) Dibenzo(a,h)anthracene	27.838	278	4720792	51.301	ng	100
92) Benzo(g,h,i)perylene	28.844	276	4614103	49.068	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

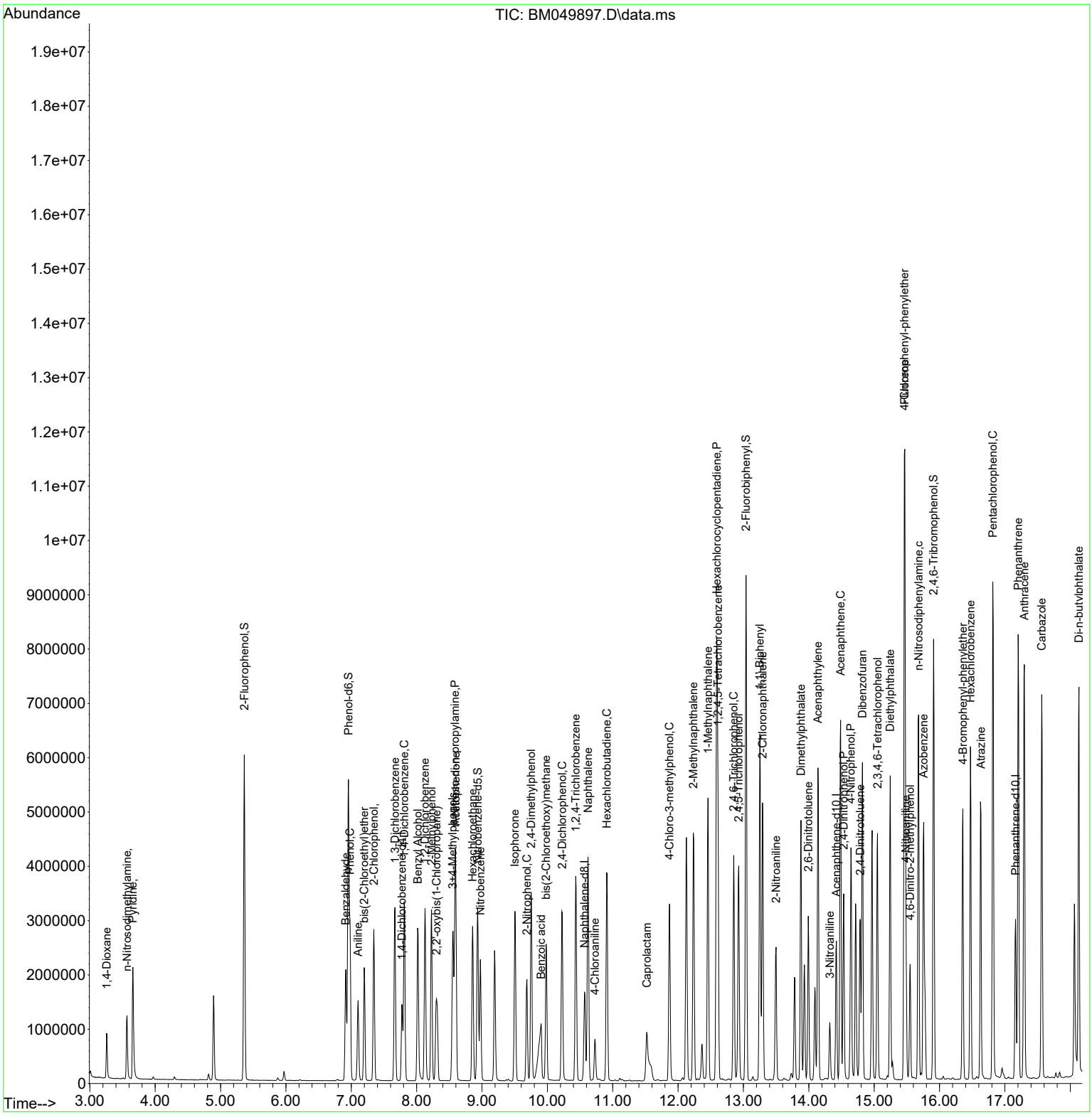
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049897.D
Acq On : 11 Apr 2025 12:20
Operator : RC/JU
Sample : Q1761-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 13:05:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GST3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025



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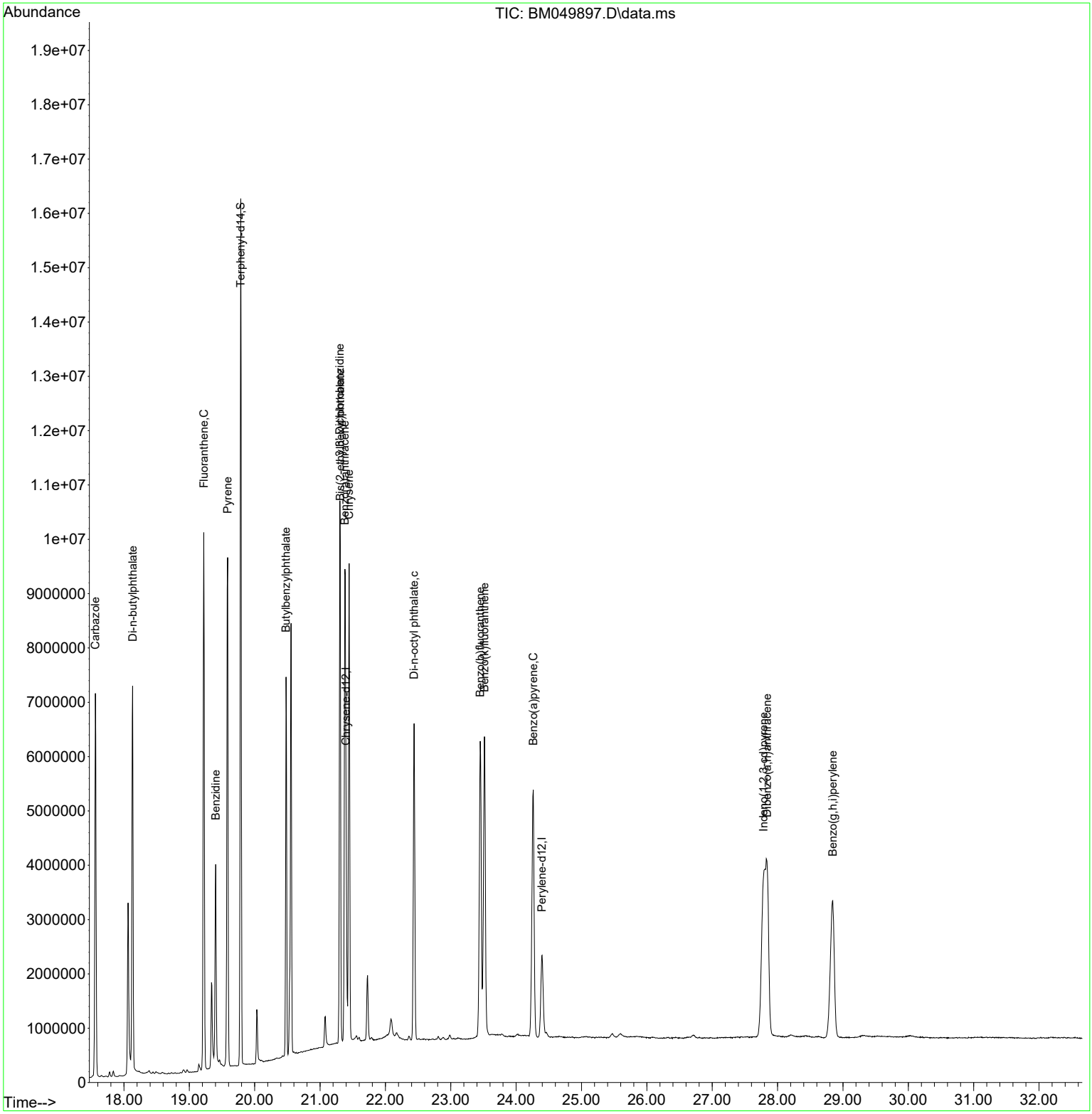
Data File : BM049897.D
Acq On : 11 Apr 2025 12:20
Operator : RC/JU
Sample : Q1761-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 13:05:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GST3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025



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Data File : BM049898.D
Acq On : 11 Apr 2025 12:59
Operator : RC/JU
Sample : Q1761-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3MSD

Quant Time: Apr 11 13:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	400986	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1382295	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	886995	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1654145	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1374176	20.000	ng	0.00
86) Perylene-d12	24.397	264	1418231	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2648138	112.142	ng	0.00
7) Phenol-d6	6.957	99	3320054	113.003	ng	0.00
23) Nitrobenzene-d5	8.934	82	1837091	74.007	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1535504	119.016	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4836128	73.933	ng	0.00
79) Terphenyl-d14	19.786	244	6526396	89.005	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	411480	42.311	ng	98
3) Pyridine	3.658	79	1135292	44.432	ng	99
4) n-Nitrosodimethylamine	3.569	42	467606	48.089	ng	97
6) Aniline	7.104	93	940119	37.343	ng	99
8) 2-Chlorophenol	7.345	128	1240316	51.253	ng	100
9) Benzaldehyde	6.916	77	689444	45.728	ng	98
10) Phenol	6.981	94	1475976	51.480	ng	98
11) bis(2-Chloroethyl)ether	7.198	93	1140893	50.743	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1432961	50.084	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1439366	49.998	ng	98
14) 1,2-Dichlorobenzene	8.128	146	1375788	50.738	ng	100
15) Benzyl Alcohol	8.016	79	985490	53.267	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1305723	52.104	ng	99
17) 2-Methylphenol	8.228	107	945629	53.521	ng	99
18) Hexachloroethane	8.857	117	497965	49.718	ng	96
19) n-Nitroso-di-n-propyla...	8.587	70	832002	51.130	ng	98
20) 3+4-Methylphenols	8.551	107	1280979	53.179	ng	99
22) Acetophenone	8.598	105	1649958	49.115	ng	99
24) Nitrobenzene	8.975	77	1171100	48.995	ng	98
25) Isophorone	9.504	82	2244514	53.975	ng	99
26) 2-Nitrophenol	9.687	139	656771	51.842	ng	99
27) 2,4-Dimethylphenol	9.751	122	1060021	73.831	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1422065	51.081	ng	98
29) 2,4-Dichlorophenol	10.222	162	1234756	51.738	ng	99
30) 1,2,4-Trichlorobenzene	10.434	180	1379917	49.981	ng	99
31) Naphthalene	10.622	128	3405888	47.951	ng	99
32) Benzoic acid	9.904	122	758654	43.585	ng	98
33) 4-Chloroaniline	10.728	127	434899	17.340	ng	99
34) Hexachlorobutadiene	10.910	225	878595	51.446	ng	99
35) Caprolactam	11.516	113	329748	48.174	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	1069922	51.180	ng	99
37) 2-Methylnaphthalene	12.233	142	2250762	44.976	ng	100
38) 1-Methylnaphthalene	12.457	142	2364350	48.495	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1579385	50.897	ng	99
41) Hexachlorocyclopentadiene	12.592	237	2157971	198.461	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	1039494	52.643	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049898.D
Acq On : 11 Apr 2025 12:59
Operator : RC/JU
Sample : Q1761-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3MSD

Quant Time: Apr 11 13:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

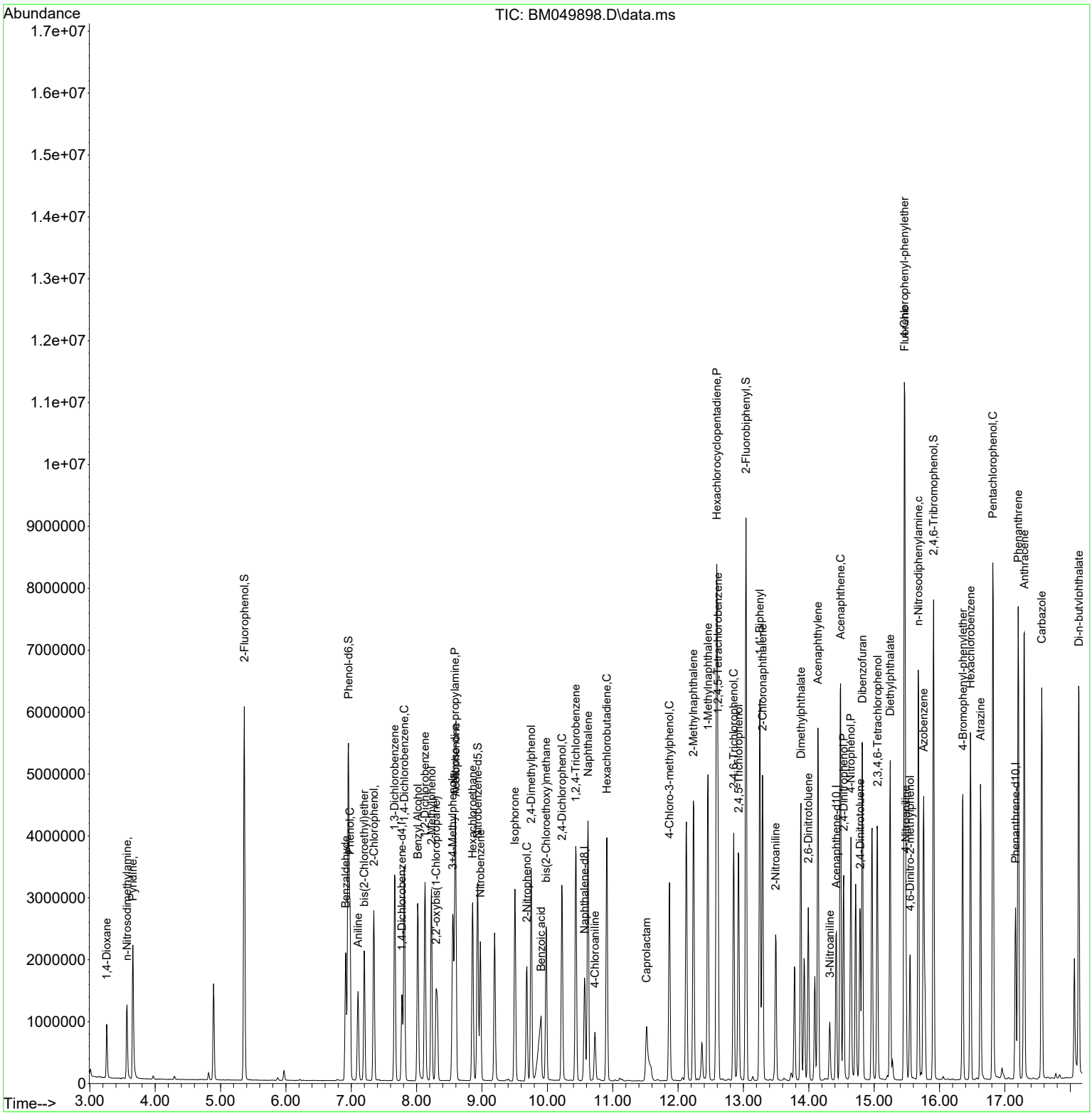
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.927	196	1113199	51.877	ng	98
46) 1,1'-Biphenyl	13.251	154	3274438	49.661	ng	99
47) 2-Chloronaphthalene	13.292	162	2580046	49.784	ng	99
48) 2-Nitroaniline	13.492	65	616761	51.442	ng	98
49) Acenaphthylene	14.139	152	4059287	53.772	ng	99
50) Dimethylphthalate	13.880	163	3112245	49.735	ng	99
51) 2,6-Dinitrotoluene	13.992	165	676696	51.615	ng	97
52) Acenaphthene	14.486	154	2376842	49.499	ng	99
53) 3-Nitroaniline	14.322	138	259980	20.517	ng	97
54) 2,4-Dinitrophenol	14.533	184	839012	87.613	ng	97
55) Dibenzofuran	14.821	168	3814383	47.518	ng	98
56) 4-Nitrophenol	14.645	139	1159928	102.722	ng	98
57) 2,4-Dinitrotoluene	14.786	165	921810	52.703	ng	94
58) Fluorene	15.468	166	3163617	49.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	925129	49.189	ng	98
60) Diethylphthalate	15.245	149	2842984	47.375	ng	98
61) 4-Chlorophenyl-phenyle...	15.463	204	1728010	50.513	ng	99
62) 4-Nitroaniline	15.486	138	605277	46.190	ng	99
63) Azobenzene	15.757	77	2757090	53.664	ng	96
65) 4,6-Dinitro-2-methylph...	15.551	198	529563	50.804	ng	97
66) n-Nitrosodiphenylamine	15.674	169	2649054	53.514	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	1047333	54.541	ng	96
68) Hexachlorobenzene	16.474	284	1185005	53.800	ng	99
69) Atrazine	16.627	200	955359	74.434	ng	98
70) Pentachlorophenol	16.815	266	1633614	100.741	ng	99
71) Phenanthrene	17.204	178	4670985	51.507	ng	100
72) Anthracene	17.298	178	4746180	53.107	ng	100
73) Carbazole	17.562	167	4153461	49.343	ng	100
74) Di-n-butylphthalate	18.133	149	4750311	48.996	ng	99
75) Fluoranthene	19.221	202	5288214	47.427	ng	99
77) Benzidine	19.404	184	2062728	113.148	ng	100
78) Pyrene	19.586	202	5354267	56.536	ng	99
80) Butylbenzylphthalate	20.480	149	1930042	54.236	ng	99
81) Benzo(a)anthracene	21.380	228	4861226	53.229	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	936523	27.154	ng	100
83) Chrysene	21.445	228	4491447	51.730	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2715105	52.367	ng	100
85) Di-n-octyl phthalate	22.439	149	4563566	50.313	ng	99
87) Indeno(1,2,3-cd)pyrene	27.785	276	5619213	53.153	ng	99
88) Benzo(b)fluoranthene	23.450	252	4620636	51.013	ng	100
89) Benzo(k)fluoranthene	23.515	252	4460551	50.818	ng	100
90) Benzo(a)pyrene	24.256	252	4390591	55.163	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	4609687	52.938	ng	99
92) Benzo(g,h,i)perylene	28.838	276	4520433	50.802	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049898.D
Acq On : 11 Apr 2025 12:59
Operator : RC/JU
Sample : Q1761-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3MSD

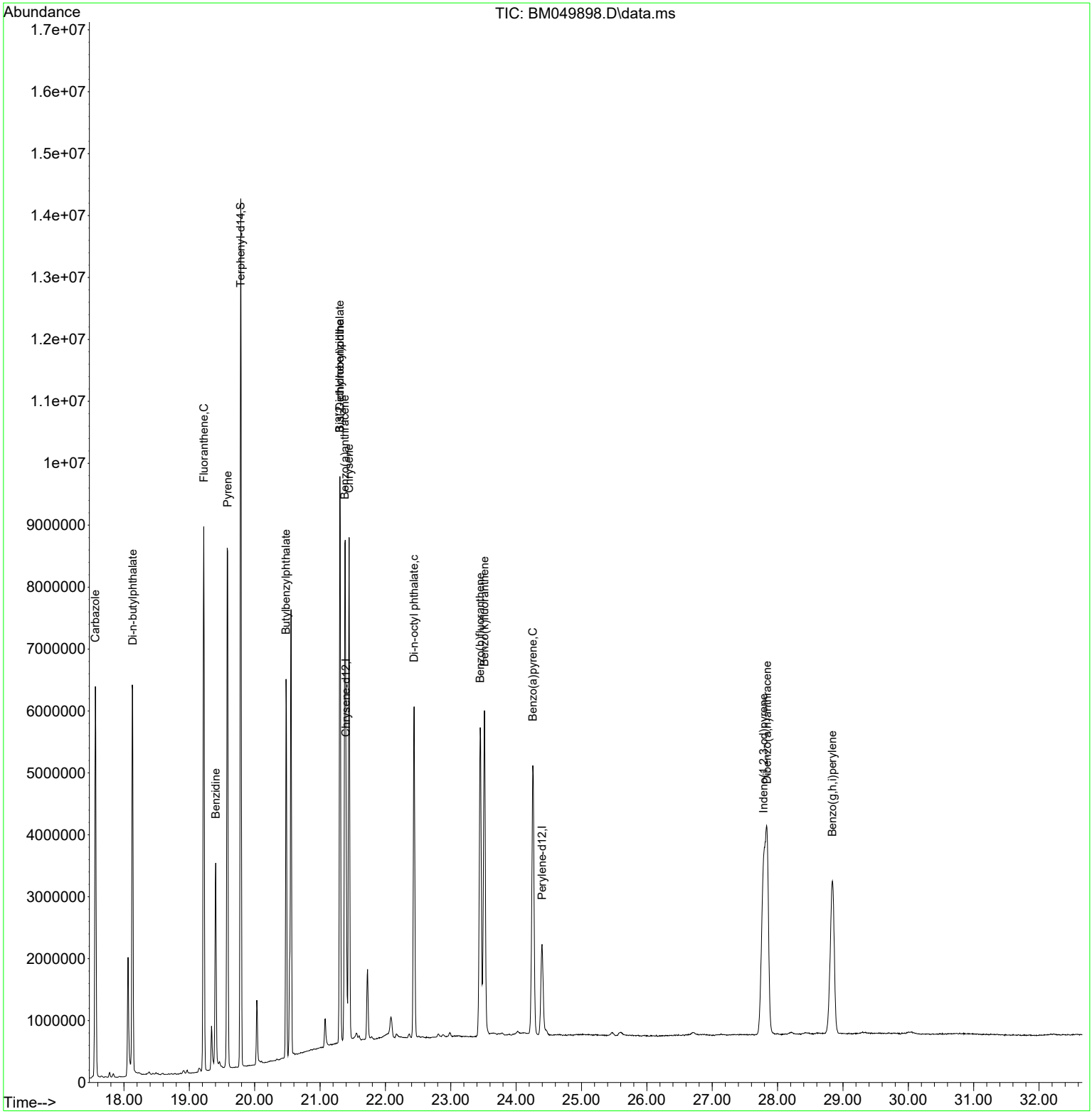
Quant Time: Apr 11 13:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049898.D
Acq On : 11 Apr 2025 12:59
Operator : RC/JU
Sample : Q1761-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GST3MSD

Quant Time: Apr 11 13:44:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BM040825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM049849.D	Benzaldehyde	anahy	4/9/2025 10:32:06 AM	Jagrut	4/9/2025 4:46:22 PM	Peak Integrated by Software
SSTDICC010	BM049850.D	Benzoic acid	anahy	4/9/2025 10:32:44 AM	Jagrut	4/9/2025 4:46:25 PM	Peak Integrated by Software
SSTDICC060	BM049854.D	Pyridine	anahy	4/9/2025 10:33:20 AM	Jagrut	4/9/2025 4:46:27 PM	Peak Integrated by Software
SSTDICC080	BM049855.D	Pyridine	anahy	4/9/2025 10:34:03 AM	Jagrut	4/9/2025 4:46:30 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	bm041125	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM049893.D	Benzoic acid	Rahul	4/14/2025 11:03:55 AM	Jagrut	4/14/2025 1:08:25 PM	Peak Integrated by Software
Q1761-01MS	BM049897.D	Benzoic acid	Rahul	4/14/2025 11:03:58 AM	Jagrut	4/14/2025 1:08:28 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM040825

Review By	anahy	Review On	4/9/2025 10:38:14 AM		
Supervise By	Jagrut	Supervise On	4/9/2025 4:50:06 PM		
SubDirectory	BM040825	HP Acquire Method	BNA_M	HP Processing Method	bm040825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM049847.D	08 Apr 2025 12:55	RC/JU	Ok
2	SSTDICC2.5	BM049848.D	08 Apr 2025 13:35	RC/JU	Ok
3	SSTDICC005	BM049849.D	08 Apr 2025 14:14	RC/JU	Ok,M
4	SSTDICC010	BM049850.D	08 Apr 2025 14:53	RC/JU	Ok,M
5	SSTDICC020	BM049851.D	08 Apr 2025 15:32	RC/JU	Ok
6	SSTDICCC040	BM049852.D	08 Apr 2025 16:12	RC/JU	Ok
7	SSTDICC050	BM049853.D	08 Apr 2025 17:30	RC/JU	Ok
8	SSTDICC060	BM049854.D	08 Apr 2025 19:28	RC/JU	Ok,M
9	SSTDICC080	BM049855.D	08 Apr 2025 20:07	RC/JU	Ok,M
10	SSTDICV040	BM049856.D	08 Apr 2025 20:47	RC/JU	Ok
11	PB167474BL	BM049857.D	08 Apr 2025 21:26	RC/JU	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM041125

Review By	Rahul	Review On	4/14/2025 11:04:55 AM				
Supervise By	Jagrut	Supervise On	4/14/2025 1:08:59 PM				
SubDirectory	BM041125	HP Acquire Method	BNA_M		HP Processing Method	bm040825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12658,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM049892.D	11 Apr 2025 08:58	RC/JU	Ok
2	SSTDCCC040	BM049893.D	11 Apr 2025 09:37	RC/JU	Ok,M
3	PB167544BL	BM049894.D	11 Apr 2025 10:17	RC/JU	Ok
4	PB167544BS	BM049895.D	11 Apr 2025 10:56	RC/JU	Ok
5	Q1761-01	BM049896.D	11 Apr 2025 11:41	RC/JU	Ok
6	Q1761-01MS	BM049897.D	11 Apr 2025 12:20	RC/JU	Ok,M
7	Q1761-01MSD	BM049898.D	11 Apr 2025 12:59	RC/JU	Ok
8	Q1752-08	BM049899.D	11 Apr 2025 13:38	RC/JU	Ok
9	Q1753-04	BM049900.D	11 Apr 2025 14:18	RC/JU	Ok
10	Q1753-08	BM049901.D	11 Apr 2025 14:57	RC/JU	Ok
11	Q1771-09	BM049902.D	11 Apr 2025 15:36	RC/JU	Ok
12	Q1760-01	BM049903.D	11 Apr 2025 16:15	RC/JU	Ok
13	Q1760-05	BM049904.D	11 Apr 2025 16:55	RC/JU	Dilution
14	Q1756-01	BM049905.D	11 Apr 2025 17:34	RC/JU	Ok,M
15	Q1768-01	BM049906.D	11 Apr 2025 18:13	RC/JU	Ok
16	Q1771-01	BM049907.D	11 Apr 2025 18:53	RC/JU	Ok
17	Q1771-05	BM049908.D	11 Apr 2025 19:32	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM040825

Review By	anahy	Review On	4/9/2025 10:38:14 AM		
Supervise By	Jagrut	Supervise On	4/9/2025 4:50:06 PM		
SubDirectory	BM040825	HP Acquire Method	BNA_M	HP Processing Method	bm040825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM049847.D	08 Apr 2025 12:55		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM049848.D	08 Apr 2025 13:35		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM049849.D	08 Apr 2025 14:14	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM049850.D	08 Apr 2025 14:53	Compound #32,54 kept on LR	RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM049851.D	08 Apr 2025 15:32	This calibration is fail for Com#77	RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BM049852.D	08 Apr 2025 16:12	This calibration is good for 8270E DOD except Com#77 and good for 625.1 method	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM049853.D	08 Apr 2025 17:30		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM049854.D	08 Apr 2025 19:28	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BM049855.D	08 Apr 2025 20:07	Compound #69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBM040825	BM049856.D	08 Apr 2025 20:47		RC/JU	Ok
11	PB167474BL	PB167474BL	BM049857.D	08 Apr 2025 21:26	Use for Q1730 only	RC/JU	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM041125

Review By	Rahul	Review On	4/14/2025 11:04:55 AM		
Supervise By	Jagrut	Supervise On	4/14/2025 1:08:59 PM		
SubDirectory	BM041125	HP Acquire Method	BNA_M	HP Processing Method	bm040825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12658,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM049892.D	11 Apr 2025 08:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM049893.D	11 Apr 2025 09:37		RC/JU	Ok,M
3	PB167544BL	PB167544BL	BM049894.D	11 Apr 2025 10:17		RC/JU	Ok
4	PB167544BS	PB167544BS	BM049895.D	11 Apr 2025 10:56		RC/JU	Ok
5	Q1761-01	GST3	BM049896.D	11 Apr 2025 11:41		RC/JU	Ok
6	Q1761-01MS	GST3MS	BM049897.D	11 Apr 2025 12:20		RC/JU	Ok,M
7	Q1761-01MSD	GST3MSD	BM049898.D	11 Apr 2025 12:59		RC/JU	Ok
8	Q1752-08	TP-3	BM049899.D	11 Apr 2025 13:38		RC/JU	Ok
9	Q1753-04	WC-1	BM049900.D	11 Apr 2025 14:18		RC/JU	Ok
10	Q1753-08	WC-2	BM049901.D	11 Apr 2025 14:57	Internal Standard Fail and Surrogate Fail	RC/JU	Ok
11	Q1771-09	TP-3A	BM049902.D	11 Apr 2025 15:36		RC/JU	Ok
12	Q1760-01	TP-17	BM049903.D	11 Apr 2025 16:15		RC/JU	Ok
13	Q1760-05	TP-15	BM049904.D	11 Apr 2025 16:55	Need 5X Dilution	RC/JU	Dilution
14	Q1756-01	TP-9	BM049905.D	11 Apr 2025 17:34		RC/JU	Ok,M
15	Q1768-01	CRUSHED STONE	BM049906.D	11 Apr 2025 18:13		RC/JU	Ok
16	Q1771-01	TP-6C	BM049907.D	11 Apr 2025 18:53		RC/JU	Ok
17	Q1771-05	TP-7C	BM049908.D	11 Apr 2025 19:32		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167544

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 04/10/2025

Extraction Start Time : 08:55

Extraction End Date : 04/10/2025

Extraction End Time : 12:15

Concentration By: EH

Supervisor By : rajesh

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2600
Baked Na2SO4	N/A	EP2599
Sand	N/A	EP2865
Methylene Chloride	N/A	E3926
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210673. Q1771-01,03,05 Added in batch at 9:15.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/10/25	RP (Ext. Lab)	AE/SVOC
12:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167544

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 04/10/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167544BL	SBLK544	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U6-1
PB167544BS	SLCS544	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q1756-01	TP-9	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		3
Q1760-01	TP-17	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		4
Q1760-05	TP-15	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		5
Q1761-01	GST-3	SVOC-PAH	30.05	N/A	ritesh	Evelyn	1	E		6
Q1761-01MS	GST-3MS	SVOC-PAH	30.01	N/A	ritesh	Evelyn	1	E		U7-1
Q1761-01MSD	GST-3MSD	SVOC-PAH	30.03	N/A	ritesh	Evelyn	1	E		2
Q1771-01	TP-6C	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	A		3
Q1771-05	TP-7C	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	A		4
Q1771-09	TP-3A	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	A		5

4/10/25

* **Extracts relinguished on the same date as received.**

BW 167544

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1771 **WorkList ID :** 188844 **Department :** Extraction **Date :** 04-10-2025 09:11:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1771-01	TP-6C	Solid	PCB	Cool 4 deg C	PSEG03	F11	04/09/2025	8082A
Q1771-01	TP-6C	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	F11	04/09/2025	8081B
Q1771-01	TP-6C	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	F11	04/09/2025	8270E
Q1771-05	TP-7C	Solid	PCB	Cool 4 deg C	PSEG03	F11	04/09/2025	8082A
Q1771-05	TP-7C	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	F11	04/09/2025	8081B
Q1771-05	TP-7C	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	F11	04/09/2025	8270E
Q1771-09	TP-3A	Solid	PCB	Cool 4 deg C	PSEG03	F11	04/09/2025	8082A
Q1771-09	TP-3A	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	F11	04/09/2025	8081B
Q1771-09	TP-3A	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	F11	04/09/2025	8270E

Date/Time 04/10/25 9:13
Raw Sample Received by: RJ (Eurofins)
Raw Sample Relinquished by: CP

Date/Time 04/10/25 9:25
Raw Sample Received by: CP
Raw Sample Relinquished by: RJ (Eurofins)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1761 **WorkList ID :** 188840 **Department :** Extraction **Date :** 04-10-2025 08:17:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1756-01	TP-9	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/09/2025	8270E
Q1760-01	TP-17	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	04/09/2025	8270E
Q1760-05	TP-15	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	04/09/2025	8270E
Q1761-01	GST-3	Solid	SVOC-PAH	Cool 4 deg C	GENV01	L31	04/08/2025	8270E

Date/Time 04/10/25 8:30

Raw Sample Received by: RJ (Sat 10/4)

Raw Sample Relinquished by:

Date/Time 04/10/25 9:20

Raw Sample Received by:

Raw Sample Relinquished by: RJ (Sat 10/4)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q1761	**OrderDate:**	4/9/2025 2:47:00 PM
Client:	G Environmental	**Project:**	Stockton
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1761-01	**GST3**	**SOIL**			**04/08/25**			**04/09/25**
			SVOC-PAH	8270E		04/10/25	04/11/25	