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

Hit Summary Sheet
SW-846

SDG No.: Q2125

Client: G Environmental

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : GSB3								
Q2125-08	GSB3	WATER	2-Methylnaphthalene	20.000		0.56	5	ug/L
			Total Svoc :			**20.00**		
			Total Concentration:			**20.00**		

SAMPLE DATA

Raw Data: **BM050239.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	06/06/25
Project:	Seely	Date Received:	06/06/25
Client Sample ID:	PB168340TB	SDG No.:	Q2125
Lab Sample ID:	PB168340TB	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050239.D	1	06/06/25 09:15	06/09/25 12:44	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	93.4		30 (67) - 130 (132)	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.6		30 (52) - 130 (132)	94%	SPK: 100
1718-51-0	Terphenyl-d14	90.3		30 (42) - 130 (152)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	296000	7.769			
1146-65-2	Naphthalene-d8	1100000	10.551			
15067-26-2	Acenaphthene-d10	626000	14.398			
1517-22-2	Phenanthrene-d10	1240000	17.133			
1719-03-5	Chrysene-d12	1300000	21.362			
1520-96-3	Perylene-d12	1380000	24.344			

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB3	SDG No.:	Q2125
Lab Sample ID:	Q2125-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050240.D	1	06/06/25 09:15	06/09/25 13:29	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	20.0		0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	97.0		30 (67) - 130 (132)	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		30 (52) - 130 (132)	88%	SPK: 100
1718-51-0	Terphenyl-d14	90.1		30 (42) - 130 (152)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	259000	7.769			
1146-65-2	Naphthalene-d8	1010000	10.551			
15067-26-2	Acenaphthene-d10	582000	14.398			
1517-22-2	Phenanthrene-d10	1100000	17.133			
1719-03-5	Chrysene-d12	1120000	21.362			
1520-96-3	Perylene-d12	1280000	24.338			

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.: Q2125

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168340BL	PB168340BL	Nitrobenzene-d5	100	88.6	89		30 (67)	130 (132)
		2-Fluorobiphenyl	100	89.3	89		30 (52)	130 (132)
		Terphenyl-d14	100	86.4	86		30 (42)	130 (152)
PB168340BS	PB168340BS	Nitrobenzene-d5	100	83.8	84		30 (67)	130 (132)
		2-Fluorobiphenyl	100	80.9	81		30 (52)	130 (132)
		Terphenyl-d14	100	82.7	83		30 (42)	130 (152)
PB168340TB	PB168340TB	Nitrobenzene-d5	100	93.4	93		30 (67)	130 (132)
		2-Fluorobiphenyl	100	93.6	94		30 (52)	130 (132)
		Terphenyl-d14	100	90.3	90		30 (42)	130 (152)
Q2125-08	GSB3	Nitrobenzene-d5	100	97.0	97		30 (67)	130 (132)
		2-Fluorobiphenyl	100	88.3	88		30 (52)	130 (132)
		Terphenyl-d14	100	90.1	90		30 (42)	130 (152)
Q2125-08MS	GSB3MS	Nitrobenzene-d5	100	90.9	91		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.0	85		30 (52)	130 (132)
		Terphenyl-d14	100	92.4	92		30 (42)	130 (152)
Q2125-08MSD	GSB3MSD	Nitrobenzene-d5	100	92.0	92		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.8	86		30 (52)	130 (132)
		Terphenyl-d14	100	93.9	94		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2125

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: Q2125-08MS		**Client Sample ID:** GSB3MS						**DataFile:** BM050241.D			
Naphthalene	50	0	59.0	ug/L	118				70 (17)	130 (157)	
2-Methylnaphthalene	50	20.0	170	ug/L	300	*			70 (38)	130 (146)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2125

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: Q2125-08MSD		**Client Sample ID:** GSB3MSD						**DataFile:** BM050242.D			
Naphthalene	50	0	59.1	ug/L	118		0		70 (17)	130 (157)	20 (20)
2-Methylnaphthalene	50	20.0	170	ug/L	300	*	0		70 (38)	130 (146)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2125

Client: G Environmental

Analytical Method: 8270E **DataFile:** BM050238.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168340BS	Naphthalene	50	45.8	ug/L	92				70 (64)	130 (107)	
	2-Methylnaphthalene	50	47.5	ug/L	95				70 (64)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168340BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BM050237.D Lab Sample ID: PB168340BL

Instrument ID: BNA_M Date Extracted: 06/06/2025

Matrix: (soil/water) Water Date Analyzed: 06/09/2025

Level: (low/med) LOW Time Analyzed: 11:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168340BS	PB168340BS	BM050238.D	06/09/2025
PB168340TB	PB168340TB	BM050239.D	06/09/2025
GSB3	Q2125-08	BM050240.D	06/09/2025
GSB3MS	Q2125-08MS	BM050241.D	06/09/2025
GSB3MSD	Q2125-08MSD	BM050242.D	06/09/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BM050193.D DFTPP Injection Date: 06/05/2025

Instrument ID: BNA_M DFTPP Injection Time: 08:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.3
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
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	24.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.8 (19.9) 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	BM050194.D	06/05/2025	09:20
SSTDICC005	SSTDICC005	BM050195.D	06/05/2025	09:59
SSTDICC010	SSTDICC010	BM050196.D	06/05/2025	10:38
SSTDICC020	SSTDICC020	BM050197.D	06/05/2025	11:17
SSTDICCC040	SSTDICCC040	BM050198.D	06/05/2025	11:57
SSTDICC050	SSTDICC050	BM050199.D	06/05/2025	12:36
SSTDICC060	SSTDICC060	BM050200.D	06/05/2025	13:16
SSTDICC080	SSTDICC080	BM050201.D	06/05/2025	13:56

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2125 SDG NO.: Q2125

Lab File ID: BM050235.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_M DFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.7
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.9
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	6.9
275	10.0 - 60.0% of mass 198	24.7
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.1 (19.7) 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	BM050236.D	06/09/2025	10:47
PB168340BL	PB168340BL	BM050237.D	06/09/2025	11:26
PB168340BS	PB168340BS	BM050238.D	06/09/2025	12:05
PB168340TB	PB168340TB	BM050239.D	06/09/2025	12:44
GSB3	Q2125-08	BM050240.D	06/09/2025	13:29
GSB3MS	Q2125-08MS	BM050241.D	06/09/2025	14:08
GSB3MSD	Q2125-08MSD	BM050242.D	06/09/2025	14:47

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BM050236.D Time Analyzed: 10:47

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	371799	7.769	1449700	10.56	826607	14.40
	UPPER LIMIT	743598	8.269	2899400	11.057	1653210	14.898
	LOWER LIMIT	185900	7.269	724850	10.057	413304	13.898
	EPA SAMPLE NO.						
01	PB168340BL	308898	7.77	1157440	10.56	647360	14.40
02	PB168340BS	320774	7.77	1257050	10.56	743659	14.40
03	PB168340TB	295930	7.77	1103530	10.55	626432	14.40
04	GSB3	258819	7.77	1009930	10.55	581596	14.40
05	GSB3MS	289351	7.77	1143580	10.56	672610	14.40
06	GSB3MSD	281877	7.77	1107270	10.56	644595	14.40

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.: Q2125 SAS No.: Q2125 SDG NO.: Q2125

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BM050236.D Time Analyzed: 10:47

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	1554640	17.139	1640720	21.374	1782070	24.344
	UPPER LIMIT	3109280	17.639	3281440	21.874	3564140	24.844
	LOWER LIMIT	777320	16.639	820360	20.874	891035	23.844
	EPA SAMPLE NO.						
01	PB168340BL	1268440	17.13	1357310	21.37	1477670	24.34
02	PB168340BS	1440530	17.14	1506860	21.37	1650440	24.34
03	PB168340TB	1242520	17.13	1296950	21.36	1380170	24.34
04	GSB3	1095570	17.13	1122300	21.36	1282470	24.34
05	GSB3MS	1263270	17.14	1232810	21.37	1346660	24.34
06	GSB3MSD	1197070	17.14	1175820	21.37	1237450	24.34

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Seely			Date Received:	
Client Sample ID:	PB168340BL			SDG No.:	Q2125
Lab Sample ID:	PB168340BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SPLP BNA Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050237.D	1	06/06/25 09:15	06/09/25 11:26	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	88.6		30 (67) - 130 (132)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.3		30 (52) - 130 (132)	89%	SPK: 100
1718-51-0	Terphenyl-d14	86.4		30 (42) - 130 (152)	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	309000	7.769			
1146-65-2	Naphthalene-d8	1160000	10.557			
15067-26-2	Acenaphthene-d10	647000	14.398			
1517-22-2	Phenanthrene-d10	1270000	17.133			
1719-03-5	Chrysene-d12	1360000	21.368			
1520-96-3	Perylene-d12	1480000	24.344			

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Seely			Date Received:	
Client Sample ID:	PB168340BS			SDG No.:	Q2125
Lab Sample ID:	PB168340BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SPLP BNA Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050238.D	1	06/06/25 09:15	06/09/25 12:05	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	45.8		0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	47.5		0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	83.8		30 (67) - 130 (132)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.9		30 (52) - 130 (132)	81%	SPK: 100
1718-51-0	Terphenyl-d14	82.7		30 (42) - 130 (152)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	321000	7.769			
1146-65-2	Naphthalene-d8	1260000	10.557			
15067-26-2	Acenaphthene-d10	744000	14.398			
1517-22-2	Phenanthrene-d10	1440000	17.139			
1719-03-5	Chrysene-d12	1510000	21.374			
1520-96-3	Perylene-d12	1650000	24.344			

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
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A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB3MS	SDG No.:	Q2125
Lab Sample ID:	Q2125-08MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050241.D	1	06/06/25 09:15	06/09/25 14:08	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	59.0		0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	170	E	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	90.9		30 (67) - 130 (132)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.0		30 (52) - 130 (132)	85%	SPK: 100
1718-51-0	Terphenyl-d14	92.4		30 (42) - 130 (152)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	289000	7.769			
1146-65-2	Naphthalene-d8	1140000	10.557			
15067-26-2	Acenaphthene-d10	673000	14.398			
1517-22-2	Phenanthrene-d10	1260000	17.139			
1719-03-5	Chrysene-d12	1230000	21.368			
1520-96-3	Perylene-d12	1350000	24.344			

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

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:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB3MSD	SDG No.:	Q2125
Lab Sample ID:	Q2125-08MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050242.D	1	06/06/25 09:15	06/09/25 14:47	PB168340

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	59.1		0.50	5.00	ug/L
91-57-6	2-Methylnaphthalene	170	E	0.56	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	92.0		30 (67) - 130 (132)	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.8		30 (52) - 130 (132)	86%	SPK: 100
1718-51-0	Terphenyl-d14	93.9		30 (42) - 130 (152)	94%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	282000	7.769			
1146-65-2	Naphthalene-d8	1110000	10.557			
15067-26-2	Acenaphthene-d10	645000	14.398			
1517-22-2	Phenanthrene-d10	1200000	17.139			
1719-03-5	Chrysene-d12	1180000	21.368			
1520-96-3	Perylene-d12	1240000	24.344			

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-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 05 16:20:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM050194.D 5 =BM050195.D 10 =BM050196.D 20 =BM050197.D 40 =BM050198.D 50 =BM050199.D 60 =BM050200.D 80 =BM0502
01.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.597	0.552	0.516	0.479	0.511	0.536	0.488	0.526	7.69
3)		Pyridine		1.353	1.352	1.370	1.311	1.425	1.389	1.326	1.361	2.80
4)		n-Nitrosodimet...		0.283	0.265	0.279	0.272	0.297	0.293	0.282	0.281	3.95
5)	S	2-Fluorophenol		1.251	1.193	1.192	1.145	1.238	1.224	1.150	1.199	3.45
6)		Aniline		2.033	2.016	2.147	2.065	2.250	2.064	2.031	2.086	4.02
7)	S	Phenol-d6		1.569	1.521	1.617	1.565	1.699	1.560	1.516	1.578	4.00
8)		2-Chlorophenol		1.289	1.259	1.344	1.295	1.418	1.338	1.288	1.319	4.02
9)		Benzaldehyde		1.188	1.080	1.096	0.878	0.975	0.804		1.003	14.43
10)	C	Phenol		1.673	1.644	1.710	1.644	1.782	1.637	1.600	1.670	3.58
11)		bis(2-Chloroet...		1.396	1.319	1.380	1.315	1.428	1.295	1.269	1.343	4.36
12)		1,3-Dichlorobe...		1.516	1.462	1.491	1.412	1.545	1.485	1.409	1.474	3.46
13)	C	1,4-Dichlorobe...		1.619	1.544	1.564	1.450	1.591	1.525	1.444	1.534	4.34
14)		1,2-Dichlorobe...		1.503	1.456	1.492	1.402	1.540	1.450	1.392	1.462	3.68
15)		Benzyl Alcohol		1.072	1.045	1.152	1.141	1.267	1.102	1.101	1.126	6.43
16)		2,2'-oxybis(1-...		1.012	0.949	0.974	0.909	0.978	0.863	0.845	0.933	6.68
17)		2-Methylphenol		1.078	1.042	1.133	1.108	1.207	1.077	1.068	1.102	4.96
18)		Hexachloroethane		0.564	0.544	0.552	0.533	0.593	0.559	0.543	0.556	3.51
19)	P	n-Nitroso-di-n...	0.847	0.944	0.947	1.072	1.001	1.096	0.906	0.913	0.966	8.82
20)		3+4-Methylphenols		1.367	1.375	1.533	1.509	1.661	1.437	1.438	1.474	6.98
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.515	0.506	0.517	0.476	0.519	0.495	0.470	0.500	4.03
23)	S	Nitrobenzene-d5		0.359	0.362	0.392	0.377	0.414	0.406	0.382	0.385	5.42
24)		Nitrobenzene		0.333	0.337	0.359	0.339	0.370	0.363	0.347	0.350	4.10
25)		Isophorone		0.647	0.624	0.685	0.659	0.733	0.652	0.646	0.664	5.33
26)	C	2-Nitrophenol		0.116	0.124	0.146	0.155	0.178	0.169	0.169	0.151	15.65
27)		2,4-Dimethylph...		0.311	0.298	0.315	0.303	0.332	0.313	0.299	0.310	3.80
28)		bis(2-Chloroet...		0.426	0.413	0.447	0.427	0.470	0.432	0.420	0.434	4.42
29)	C	2,4-Dichloroph...		0.265	0.262	0.289	0.286	0.319	0.300	0.289	0.287	6.83
30)		1,2,4-Trichlor...		0.324	0.307	0.321	0.305	0.337	0.330	0.312	0.319	3.72
31)		Naphthalene		1.111	1.041	1.056	0.977	1.061	1.025	0.969	1.034	4.79
32)		Benzoic acid			0.127	0.176	0.204	0.233	0.211	0.219	0.195	19.69
33)		4-Chloroaniline		0.438	0.423	0.454	0.433	0.477	0.440	0.422	0.441	4.37
34)	C	Hexachlorobuta...		0.188	0.184	0.189	0.182	0.202	0.197	0.188	0.190	3.74
35)		Caprolactam		0.077	0.077	0.093	0.097	0.112	0.092	0.090	0.091	13.48
36)	C	4-Chloro-3-met...		0.293	0.276	0.313	0.313	0.347	0.302	0.299	0.306	7.19
37)		2-Methylnaphth...		0.625	0.592	0.643	0.615	0.679	0.619	0.594	0.624	4.78
38)		1-Methylnaphth...		0.676	0.637	0.689	0.649	0.714	0.648	0.622	0.662	4.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.586	0.561	0.585	0.541	0.589	0.607	0.574	0.578	3.71
41)	P	Hexachlorocycl...	0.295	0.305	0.339	0.341	0.382	0.401	0.392	0.351	12.02
42)	S	2,4,6-Tribromo...	0.210	0.213	0.238	0.231	0.254	0.233	0.214	0.227	6.99
43)	C	2,4,6-Trichlor...	0.346	0.347	0.379	0.375	0.414	0.402	0.396	0.380	6.93
44)		2,4,5-Trichlor...	0.371	0.382	0.424	0.414	0.457	0.442	0.429	0.417	7.46
45)	S	2-Fluorobiphenyl	1.589	1.536	1.532	1.377	1.463	1.480	1.364	1.477	5.67
46)		1,1'-Biphenyl	1.582	1.513	1.514	1.404	1.526	1.508	1.437	1.498	3.96
47)		2-Chloronaphth...	1.221	1.194	1.180	1.084	1.171	1.177	1.123	1.164	3.94
48)		2-Nitroaniline	0.200	0.206	0.252	0.268	0.302	0.290	0.277	0.256	15.56
49)		Acenaphthylene	1.863	1.834	1.940	1.819	1.978	1.924	1.824	1.883	3.39
50)		Dimethylphthalate	1.339	1.285	1.398	1.343	1.474	1.344	1.284	1.353	4.92
51)		2,6-Dinitrotol...	0.204	0.231	0.284	0.289	0.320	0.297	0.284	0.273	14.82
52)	C	Acenaphthene	1.217	1.176	1.185	1.132	1.228	1.181	1.127	1.178	3.24
53)		3-Nitroaniline	0.231	0.252	0.312	0.323	0.360	0.336	0.314	0.304	15.16
54)	P	2,4-Dinitrophenol		0.093	0.131	0.152	0.179	0.160	0.160	0.146	20.67
55)		Dibenzofuran	1.782	1.710	1.775	1.662	1.797	1.719	1.617	1.723	3.87
56)	P	4-Nitrophenol	0.199	0.216	0.265	0.274	0.307	0.288	0.262	0.259	14.93
57)		2,4-Dinitrotol...	0.250	0.283	0.365	0.396	0.447	0.398	0.380	0.360	19.28
58)		Fluorene	1.413	1.358	1.394	1.267	1.348	1.289	1.169	1.320	6.40
59)		2,3,4,6-Tetrac...	0.338	0.330	0.370	0.365	0.401	0.371	0.350	0.361	6.60
60)		Diethylphthalate	1.314	1.272	1.416	1.346	1.490	1.317	1.238	1.342	6.43
61)		4-Chlorophenyl...	0.675	0.656	0.667	0.611	0.660	0.623	0.573	0.638	5.81
62)		4-Nitroaniline	0.213	0.236	0.291	0.308	0.342	0.319	0.285	0.285	16.00
63)		Azobenzene	1.342	1.330	1.415	1.313	1.443	1.316	1.230	1.341	5.25
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.075	0.101	0.111	0.128	0.120	0.121	0.109	17.72
66)	c	n-Nitrosodiphe...	0.630	0.626	0.639	0.594	0.646	0.639	0.625	0.628	2.73
67)		4-Bromophenyl-...	0.207	0.204	0.215	0.204	0.228	0.217	0.218	0.213	4.13
68)		Hexachlorobenzene	0.249	0.240	0.253	0.238	0.261	0.255	0.249	0.249	3.29
69)		Atrazine	0.166	0.177	0.206	0.206	0.231	0.212	0.204	0.200	10.86
70)	C	Pentachlorophenol	0.133	0.138	0.165	0.164	0.187	0.177	0.171	0.162	12.21
71)		Phenanthrene	1.239	1.156	1.160	1.071	1.161	1.144	1.068	1.143	5.14
72)		Anthracene	1.167	1.135	1.175	1.086	1.181	1.165	1.092	1.143	3.46
73)		Carbazole	1.041	1.003	1.063	1.009	1.103	1.085	0.985	1.041	4.30
74)		Di-n-butylphth...	0.998	1.007	1.187	1.159	1.300	1.187	1.093	1.133	9.53
75)	C	Fluoranthene	1.180	1.139	1.231	1.178	1.301	1.284	1.121	1.205	5.77
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.381	0.568	0.617	0.689	0.600	0.520	0.562	18.64
78)		Pyrene	1.331	1.307	1.444	1.324	1.423	1.274	1.334	1.348	4.61
79)	S	Terphenyl-d14	1.148	1.088	1.165	1.010	1.064	0.955	0.957	1.055	8.06
80)		Butylbenzylpht...	0.322	0.347	0.460	0.490	0.563	0.480	0.485	0.450	18.95
81)		Benzo(a)anthra...	1.271	1.231	1.298	1.218	1.338	1.280	1.225	1.266	3.47
82)		3,3'-Dichlorob...	0.265	0.301	0.379	0.415	0.476	0.450	0.416	0.386	19.97
83)		Chrysene	1.235	1.184	1.225	1.151	1.256	1.217	1.161	1.204	3.27
84)		Bis(2-ethylhex...	0.525	0.574	0.702	0.740	0.851	0.741	0.714	0.693	15.84
85)	c	Di-n-octyl pht...	0.641	0.729	0.936	1.114	1.359	1.245	1.169	1.028	26.08

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.189	1.183	1.254	1.191	1.318	1.472	1.407	1.288	8.99
88)		Benzo(b)fluora...	1.104	1.082	1.205	1.170	1.269	1.178	1.132	1.163	5.46
89)		Benzo(k)fluora...	1.141	1.149	1.222	1.167	1.295	1.190	1.144	1.187	4.71
90)	C	Benzo(a)pyrene	0.994	1.007	1.111	1.081	1.197	1.153	1.111	1.093	6.73
91)		Dibenzo(a,h)an...	0.954	0.966	1.021	0.972	1.075	1.188	1.141	1.045	8.83
92)		Benzo(g,h,i)pe...	1.002	0.978	1.013	0.954	1.037	1.194	1.146	1.046	8.57

(#) = 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.: Q2125 SAS No.: Q2125 SDG No.: Q2125

Instrument ID: BNA_M Calibration Date/Time: 06/09/2025 10:47

Lab File ID: BM050236.D Init. Calib. Date(s): 06/05/2025 06/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:20 13:56

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.199	1.191		-0.7	
Phenol-d6	1.578	1.515		-4.0	
Nitrobenzene-d5	0.385	0.385		0.0	
Naphthalene	1.034	0.973		-5.9	
2-Methylnaphthalene	0.624	0.587		-5.9	
2-Fluorobiphenyl	1.477	1.424		-3.6	
2,4,6-Tribromophenol	0.227	0.228		0.4	
Terphenyl-d14	1.055	0.983		-6.8	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050239.D
Acq On : 09 Jun 2025 12:44
Operator : RC/JU
Sample : PB168340TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Quant Time: Jun 09 13:24:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

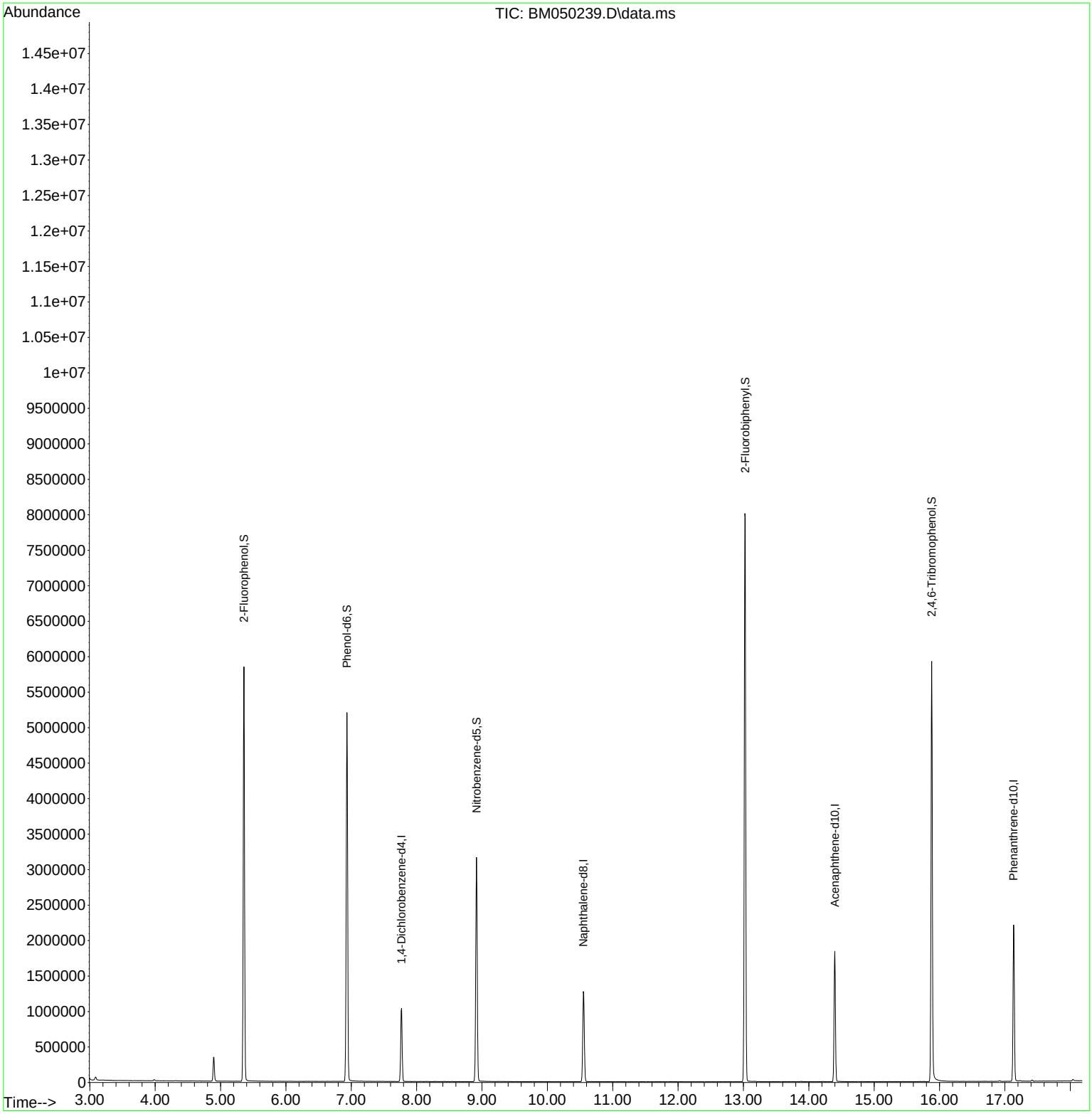
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	295930	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1103525	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	626432	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1242521	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1296945	20.000	ng	-0.01
86) Perylene-d12	24.344	264	1380174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2723065	153.498	ng	0.00
7) Phenol-d6	6.934	99	3368388	144.237	ng	0.00
23) Nitrobenzene-d5	8.916	82	1981708	93.396	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1130617	158.678	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4330944	93.601	ng	0.00
79) Terphenyl-d14	19.768	244	6179766	90.295	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050239.D
Acq On : 09 Jun 2025 12:44
Operator : RC/JU
Sample : PB168340TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340TB

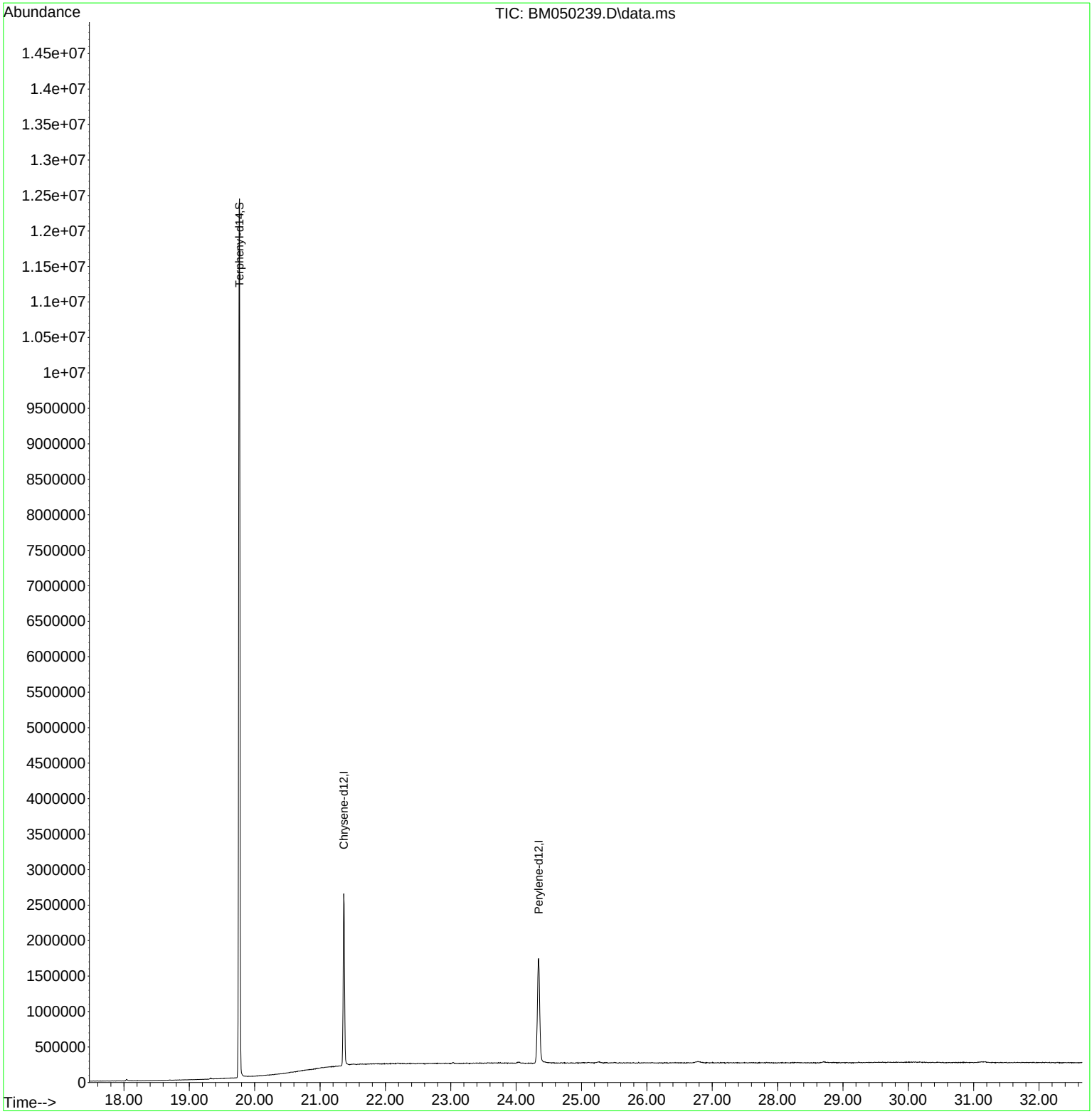
Quant Time: Jun 09 13:24:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

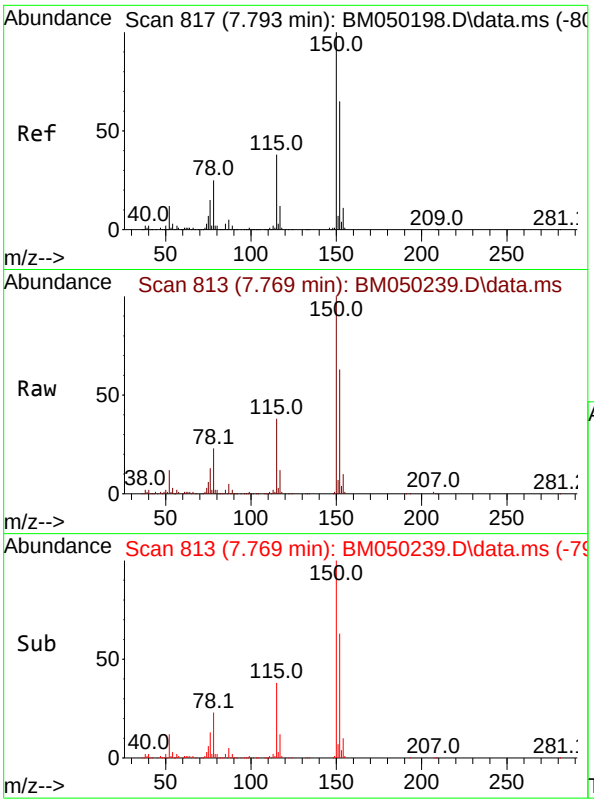


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050239.D
Acq On : 09 Jun 2025 12:44
Operator : RC/JU
Sample : PB168340TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Quant Time: Jun 09 13:24:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



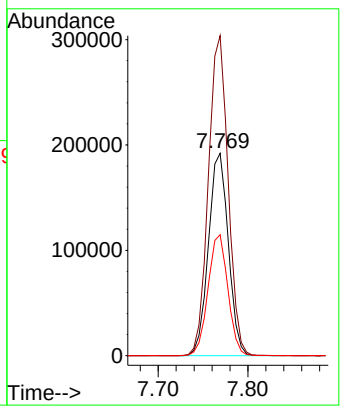


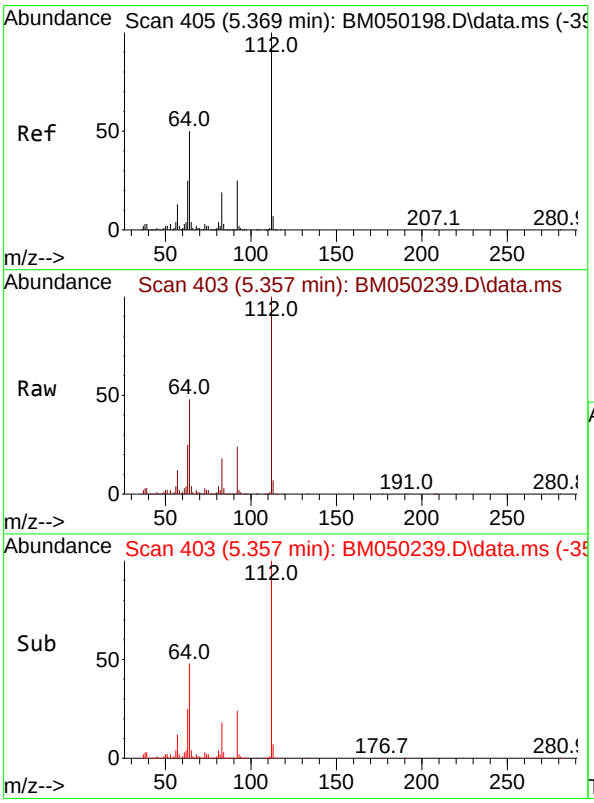
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion:152 Resp: 295930

Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.2	183.4
115	59.8	46.3	69.5

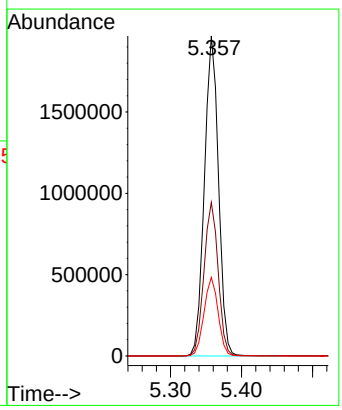


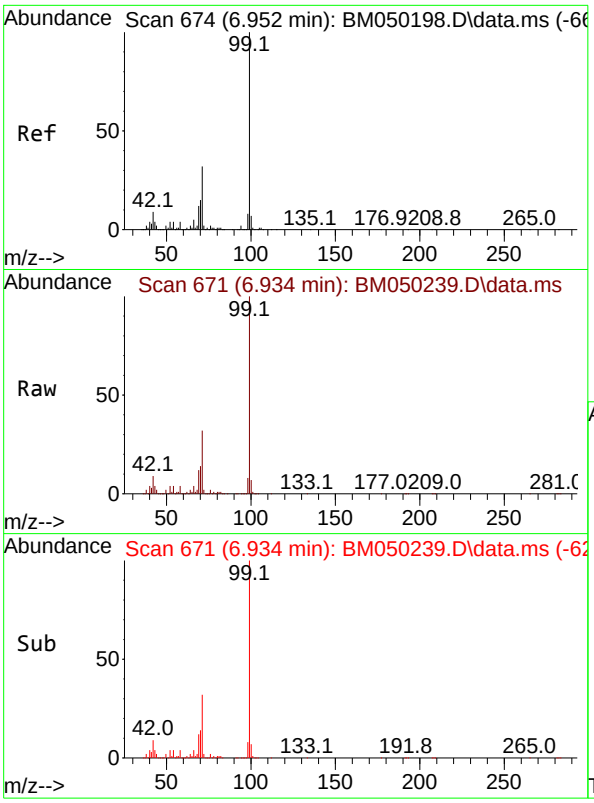


#5
2-Fluorophenol
Concen: 153.498 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:112 Resp: 2723065

Ion	Ratio	Lower	Upper
112	100		
64	48.0	39.8	59.6
63	24.5	19.8	29.8



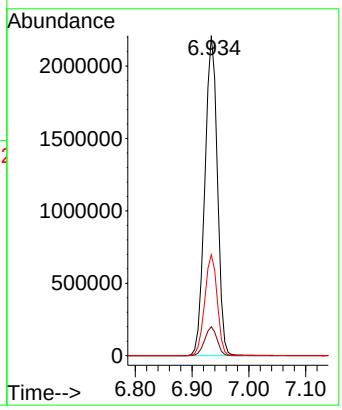


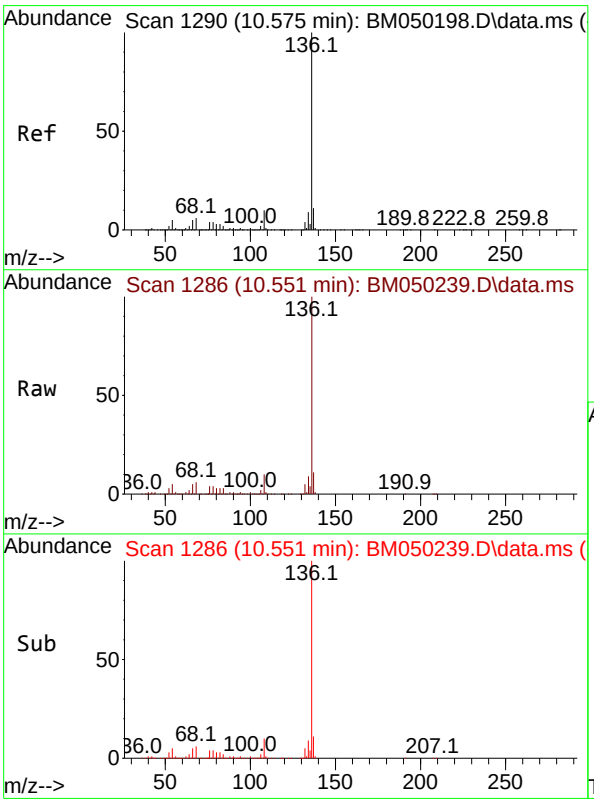
#7
Phenol-d6
Concen: 144.237 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion: 99 Resp: 3368388

Ion	Ratio	Lower	Upper
99	100		
42	9.1	6.9	10.3
71	31.6	25.3	37.9

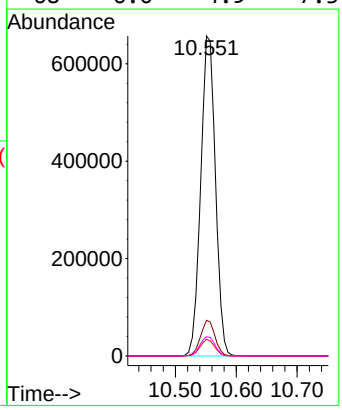


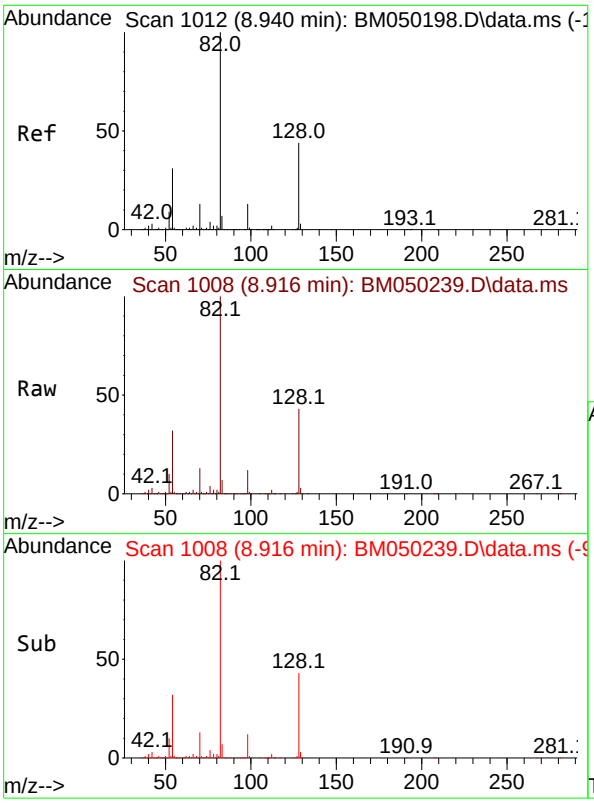


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:136 Resp: 1103525

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.2	3.8	5.8
68	6.0	4.9	7.3



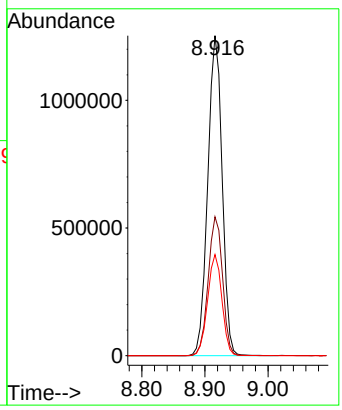


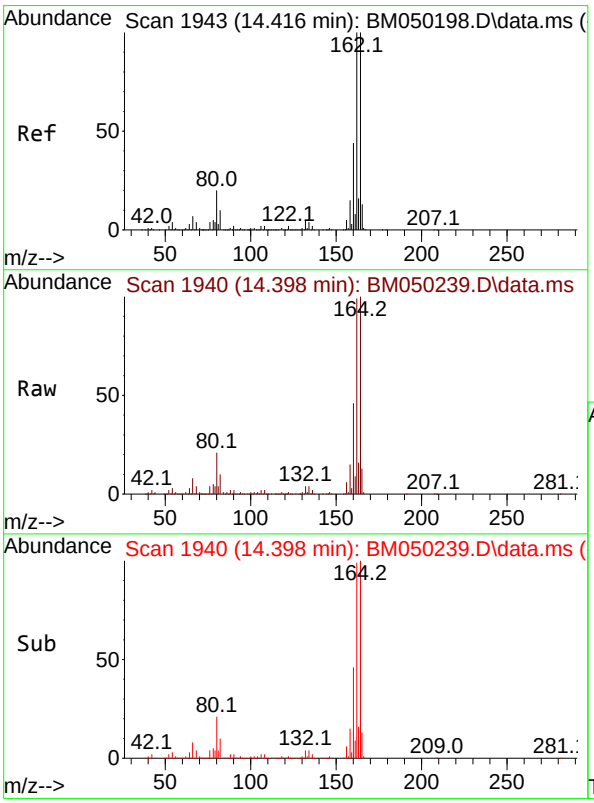
#23
Nitrobenzene-d5
Concen: 93.396 ng
RT: 8.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion: 82 Resp: 1981708

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.2	52.8
54	31.6	24.5	36.7

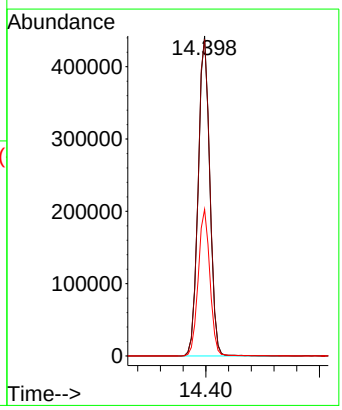


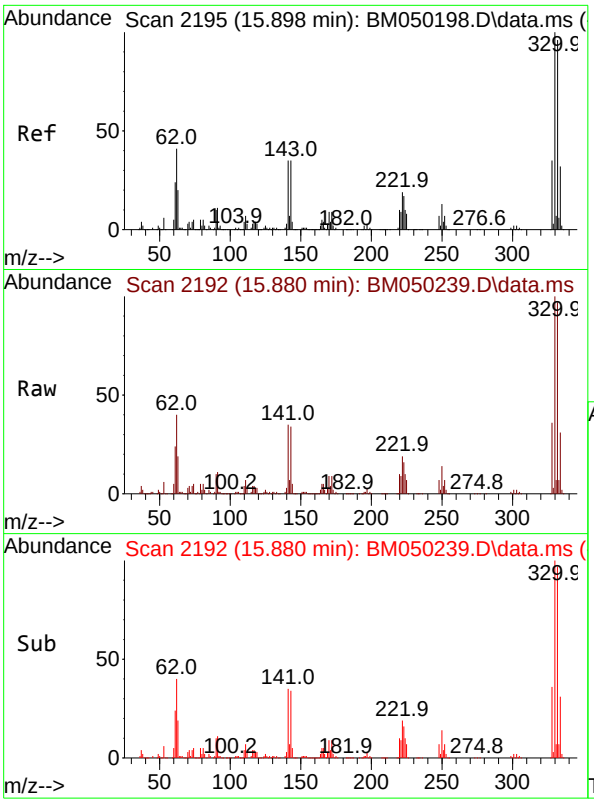


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:164 Resp: 626432

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.4
160	45.8	35.7	53.5



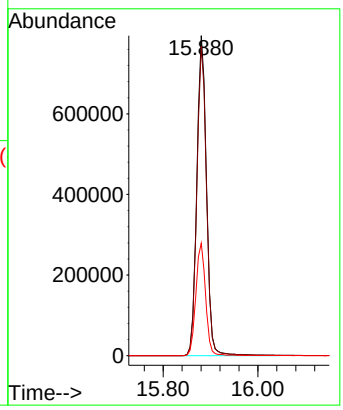


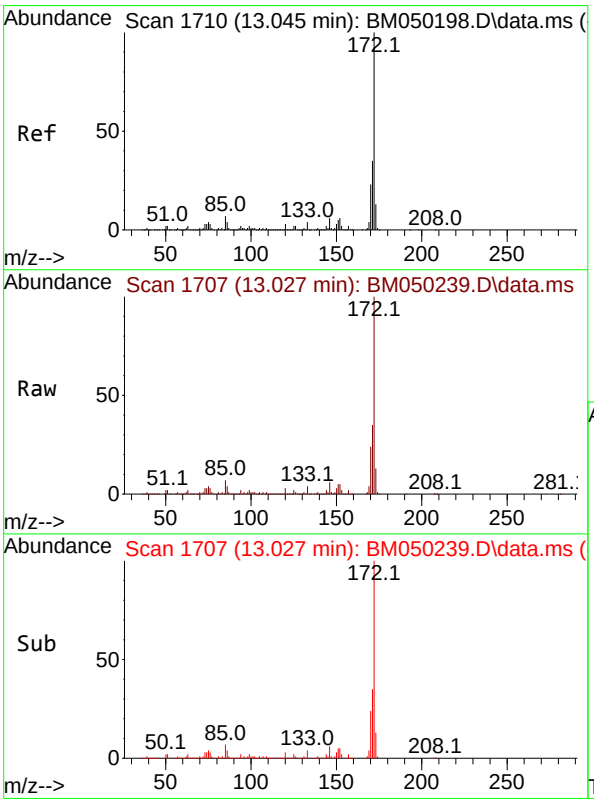
#42
2,4,6-Tribromophenol
Concen: 158.678 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion:330 Resp: 1130617

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	35.1	28.8	43.2

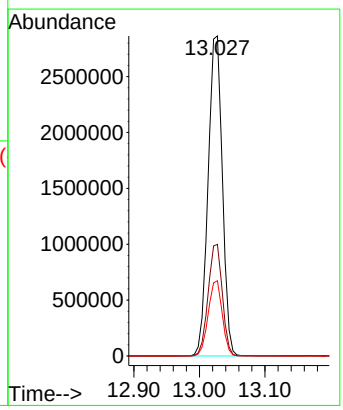


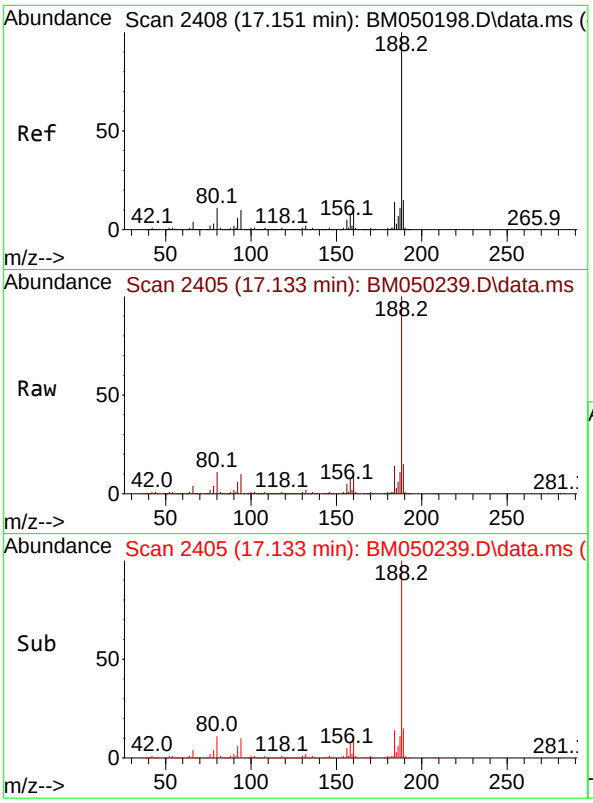


#45
2-Fluorobiphenyl
Concen: 93.601 ng
RT: 13.027 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:172 Resp: 4330944

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.5	18.6	27.8



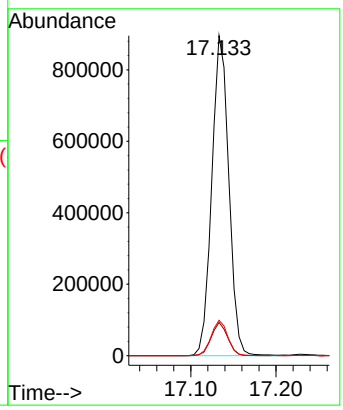


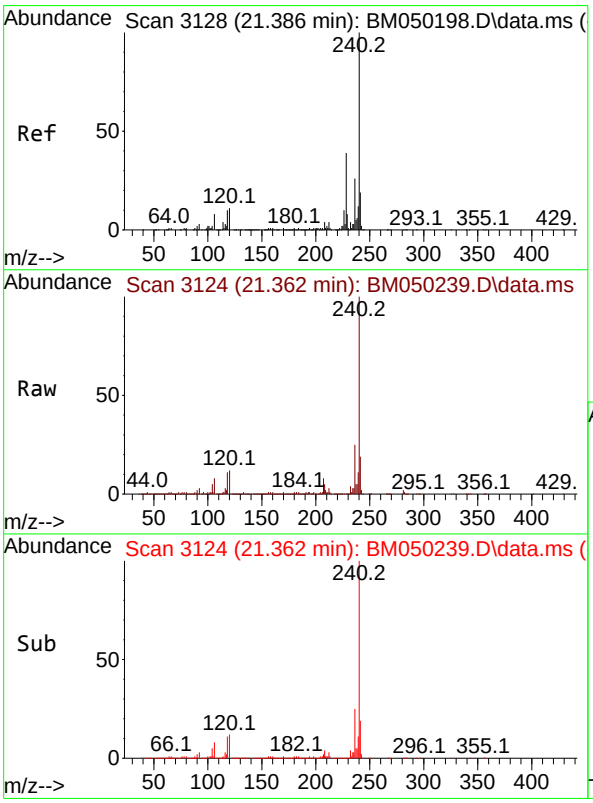
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion:188 Resp: 1242521

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.0	8.6	13.0

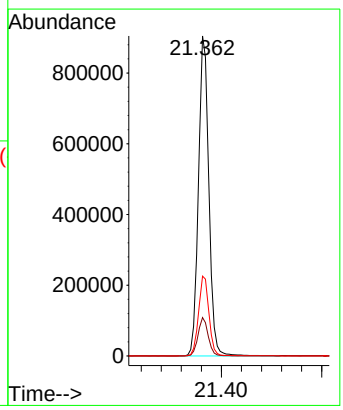


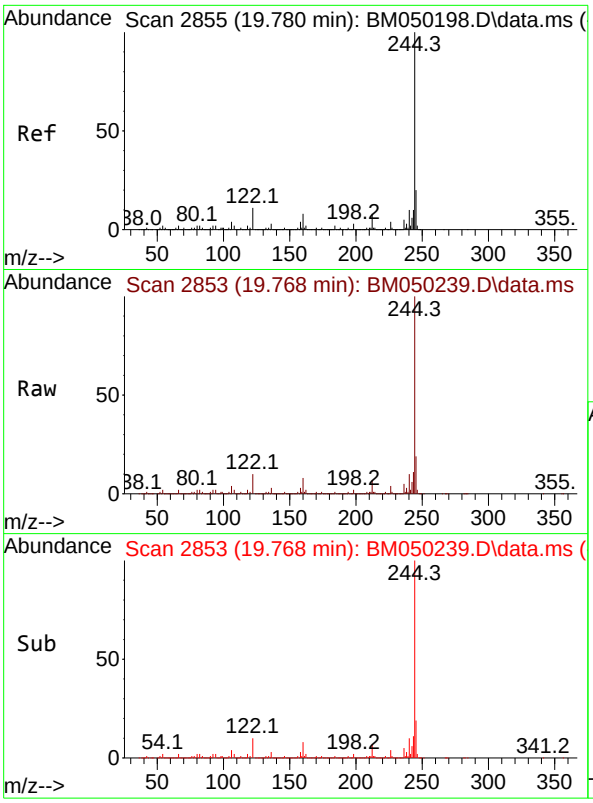


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:240 Resp: 1296945

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.4
236	25.0	20.7	31.1



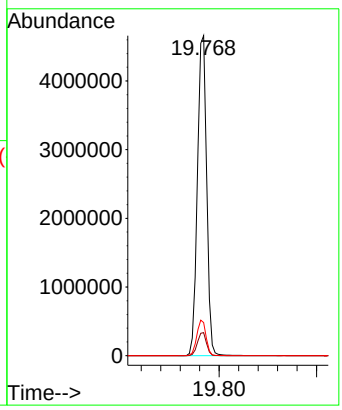


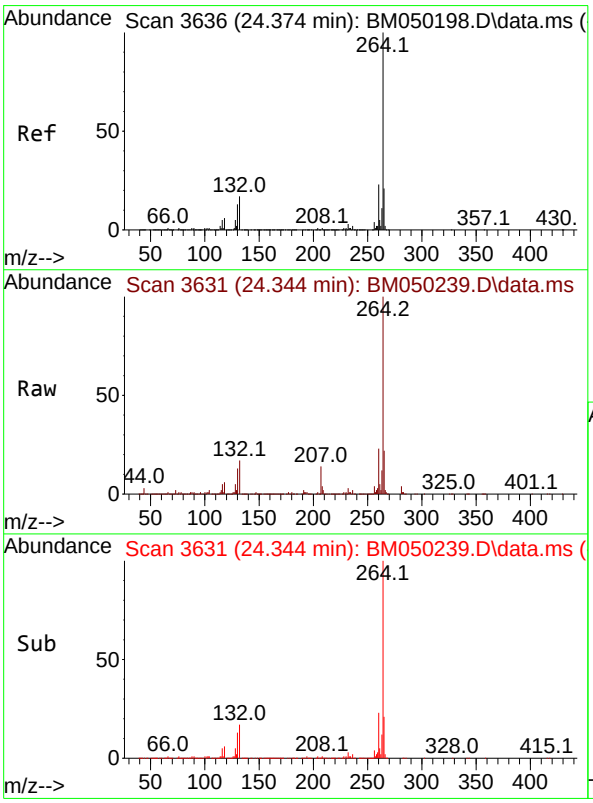
#79
Terphenyl-d14
Concen: 90.295 ng
RT: 19.768 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB168340TB

Tgt Ion:244 Resp: 6179766

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.4	8.6	12.8

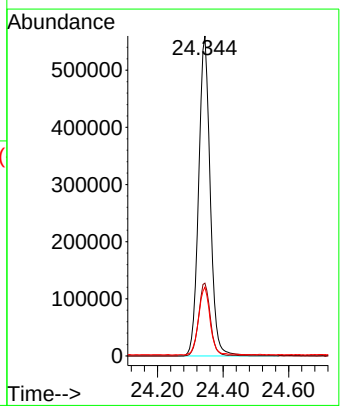




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BM050239.D
Acq: 09 Jun 2025 12:44

Tgt Ion:264 Resp: 1380174

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.5	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050240.D
Acq On : 09 Jun 2025 13:29
Operator : RC/JU
Sample : Q2125-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GSB3

Quant Time: Jun 09 14:03:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

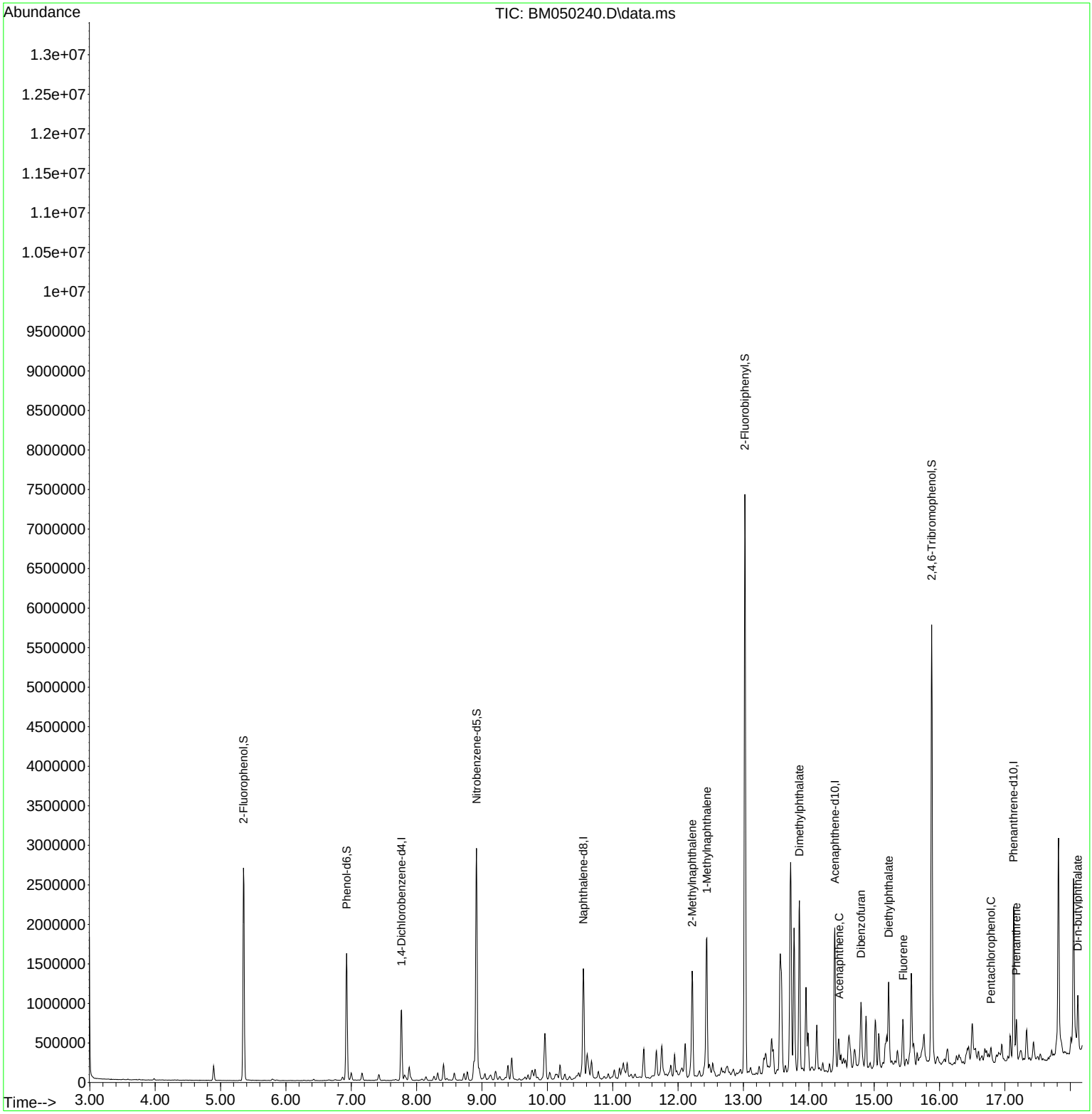
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	258819	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1009931	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	581596	20.000	ng		0.00
64) Phenanthrene-d10	17.133	188	1095565	20.000	ng		0.00
76) Chrysene-d12	21.362	240	1122304	20.000	ng		-0.01
86) Perylene-d12	24.338	264	1282474	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1263506	81.436	ng		0.00
7) Phenol-d6	6.928	99	987737	48.360	ng		0.00
23) Nitrobenzene-d5	8.916	82	1883291	96.983	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	1022118	154.510	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	3795297	88.348	ng		0.00
79) Terphenyl-d14	19.762	244	5334082	90.067	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.216	142	628927	19.966	ng		99
38) 1-Methylnaphthalene	12.439	142	813617	24.335	ng		100
50) Dimethylphthalate	13.857	163	1440398	36.620	ng		100
52) Acenaphthene	14.463	154	101935	2.976	ng		96
55) Dibenzofuran	14.798	168	110355	2.202	ng	#	64
58) Fluorene	15.445	166	176099	4.588	ng	#	94
60) Diethylphthalate	15.221	149	548102	14.044	ng		99
70) Pentachlorophenol	16.786	266	20129	2.268	ng		93
71) Phenanthrene	17.174	178	297659	4.756	ng		98
74) Di-n-butylphthalate	18.115	149	638718	10.291	ng		99
78) Pyrene	19.550	202	167785	2.218	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050240.D
Acq On : 09 Jun 2025 13:29
Operator : RC/JU
Sample : Q2125-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GSB3

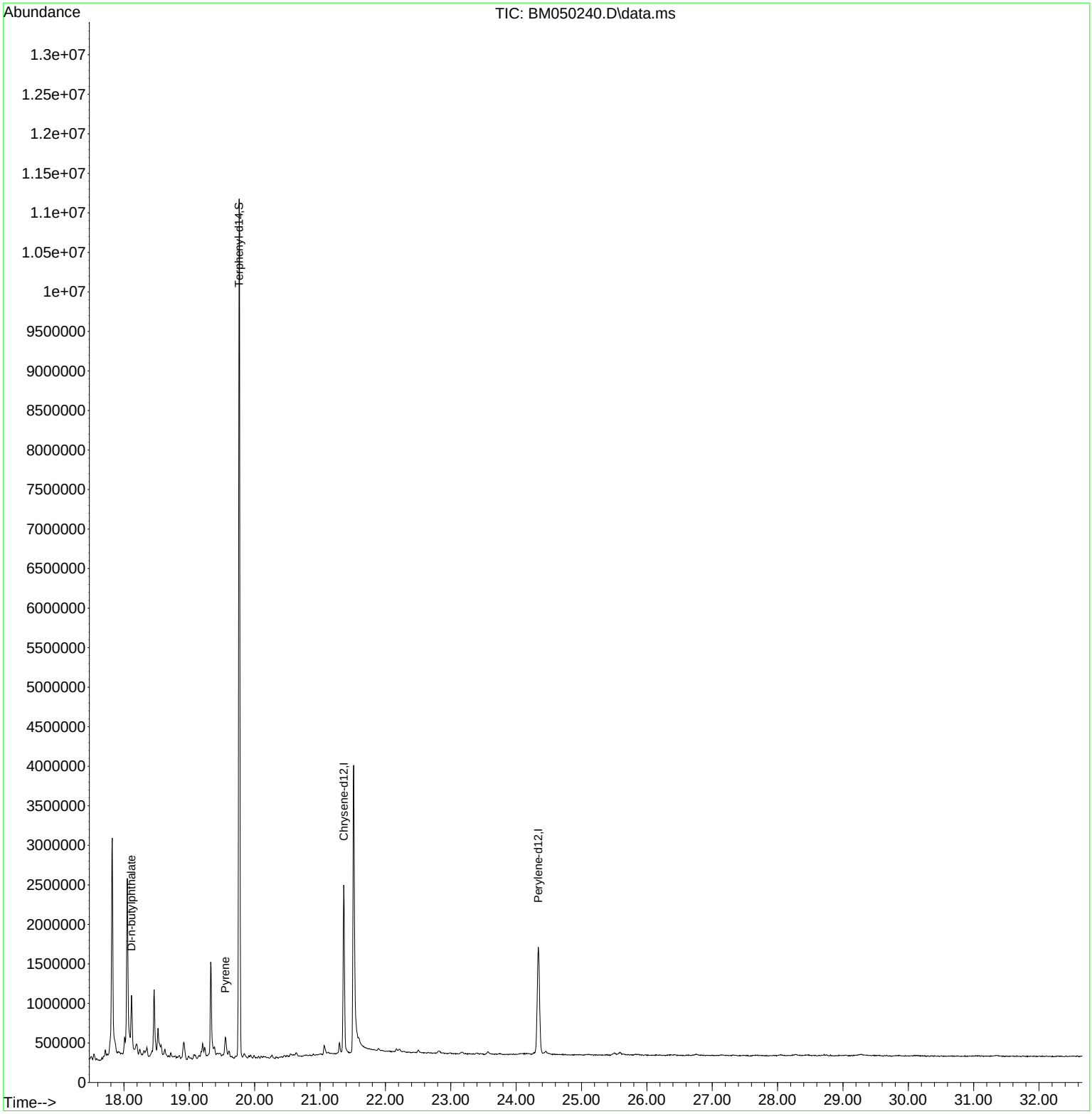
Quant Time: Jun 09 14:03:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

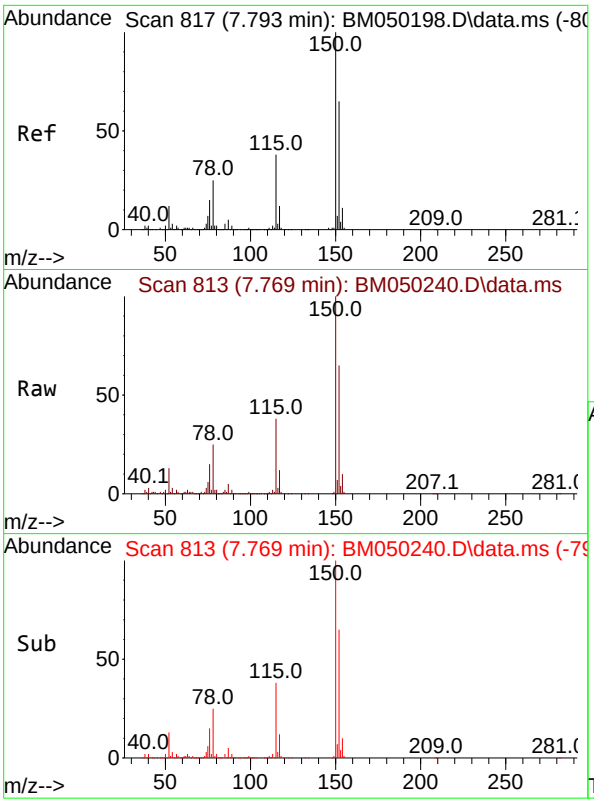


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050240.D
Acq On : 09 Jun 2025 13:29
Operator : RC/JU
Sample : Q2125-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GSB3

Quant Time: Jun 09 14:03:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



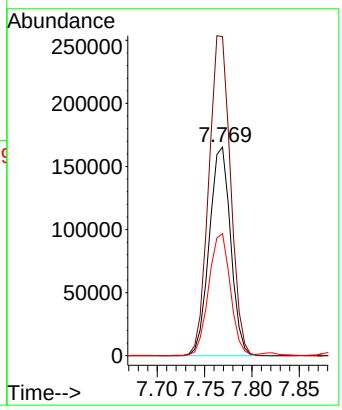


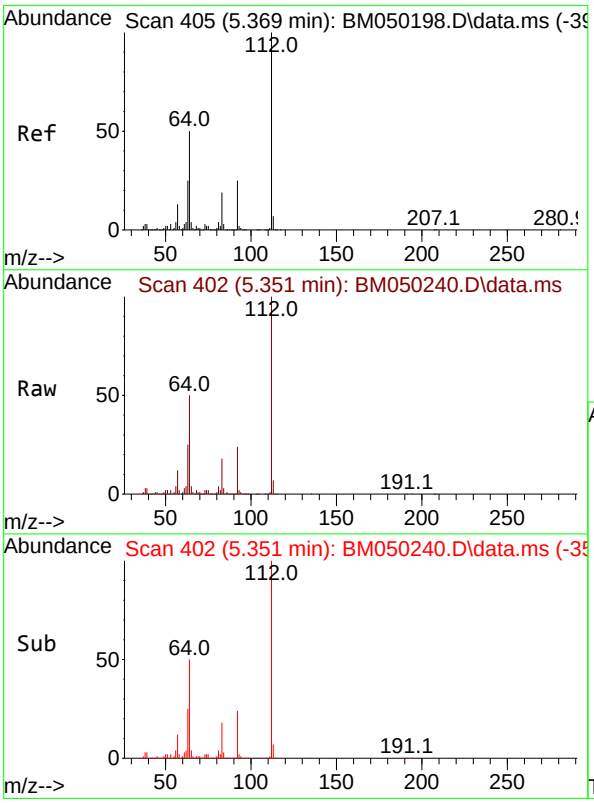
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:152 Resp: 258819

Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.2	183.4
115	58.5	46.3	69.5

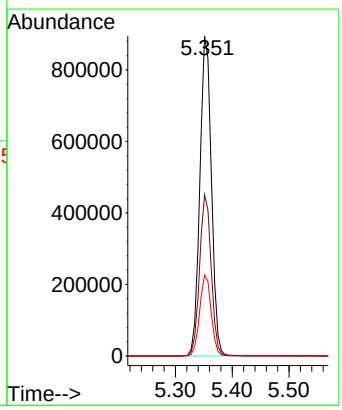


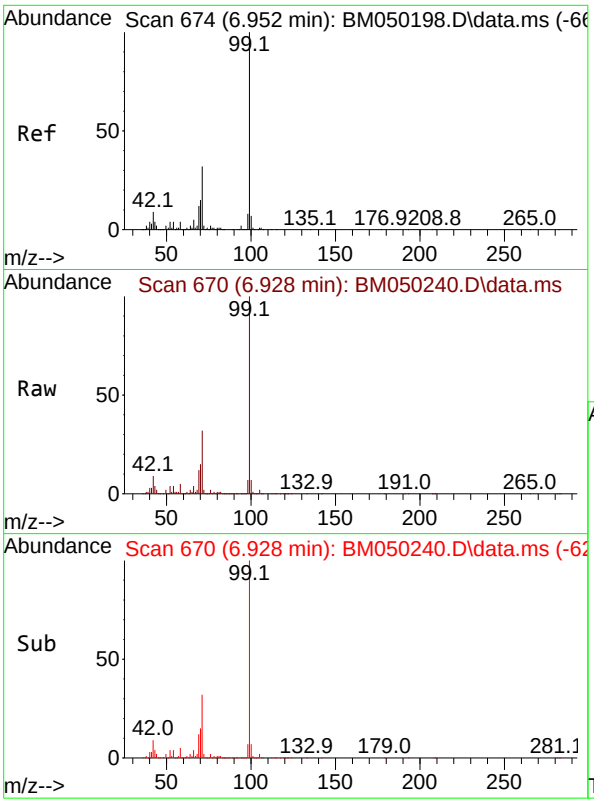


#5
2-Fluorophenol
Concen: 81.436 ng
RT: 5.351 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:112 Resp: 1263506

Ion	Ratio	Lower	Upper
112	100		
64	50.4	39.8	59.6
63	25.3	19.8	29.8



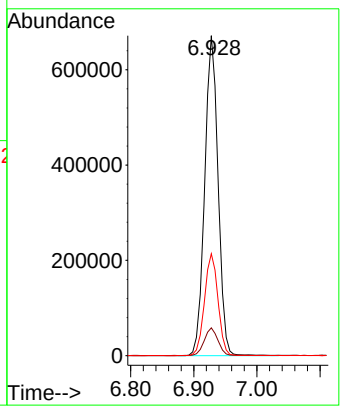


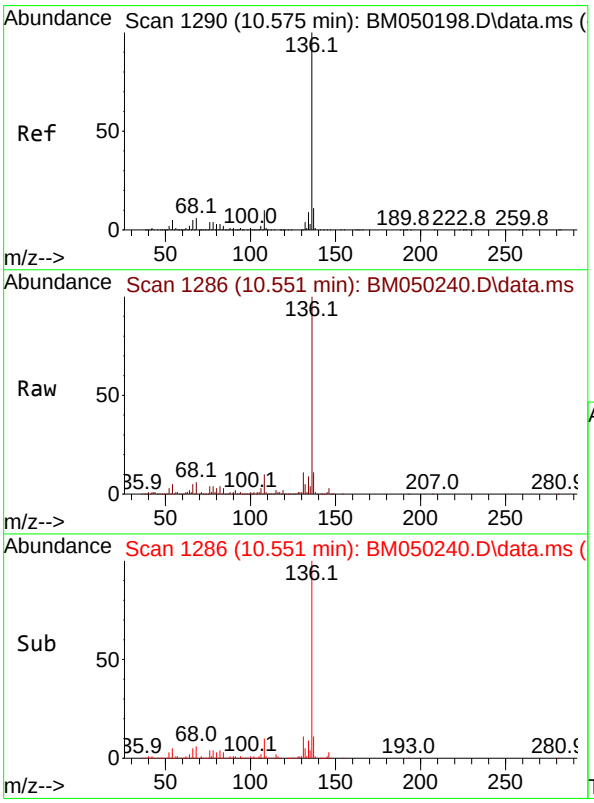
#7
Phenol-d6
Concen: 48.360 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion: 99 Resp: 987737

Ion	Ratio	Lower	Upper
99	100		
42	8.7	6.9	10.3
71	31.8	25.3	37.9

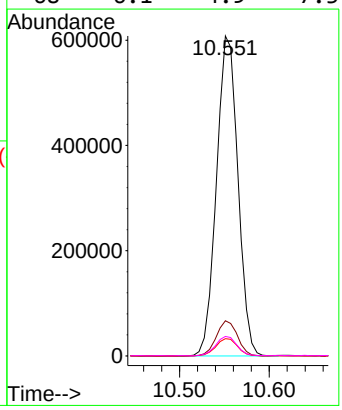


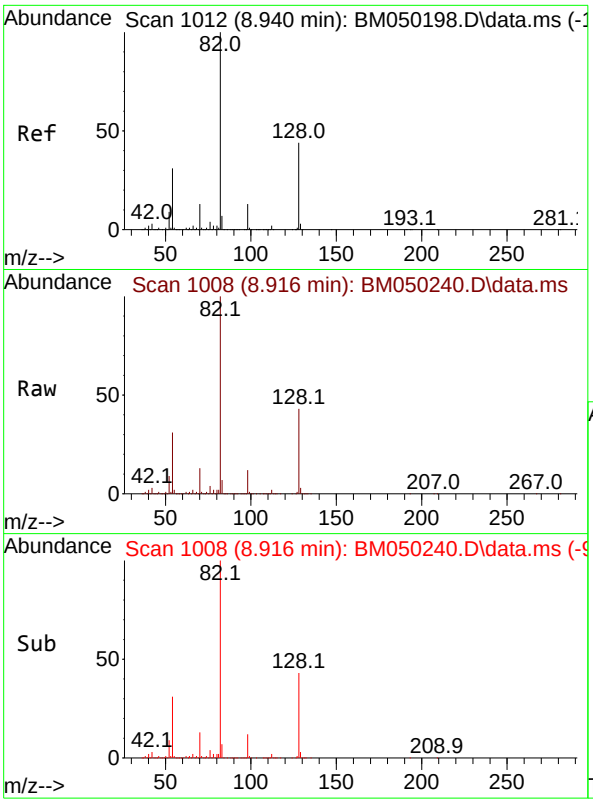


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:136 Resp: 1009931

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.4	3.8	5.8
68	6.1	4.9	7.3



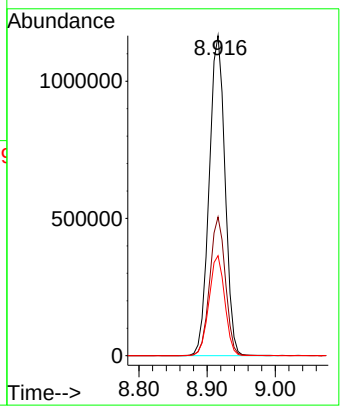


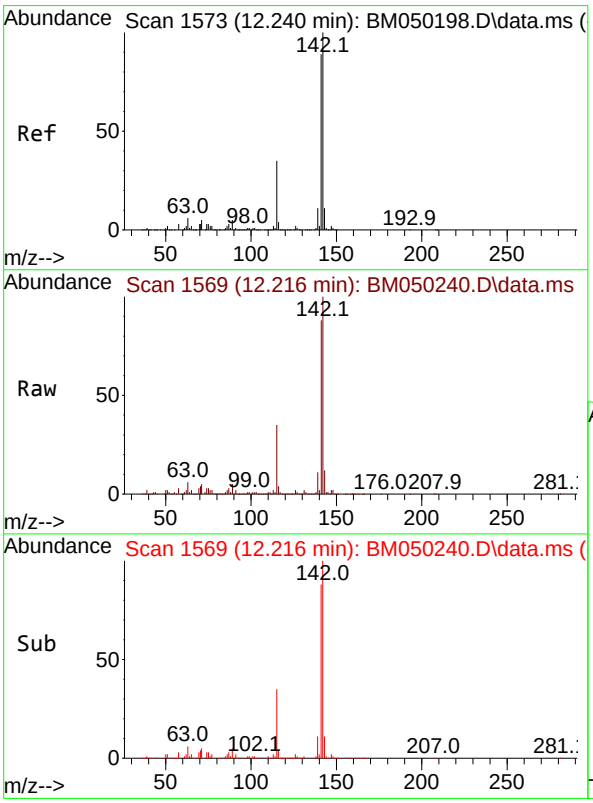
#23
Nitrobenzene-d5
Concen: 96.983 ng
RT: 8.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion: 82 Resp: 1883291

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.2	52.8
54	31.2	24.5	36.7

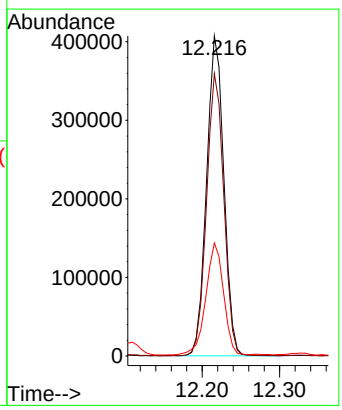


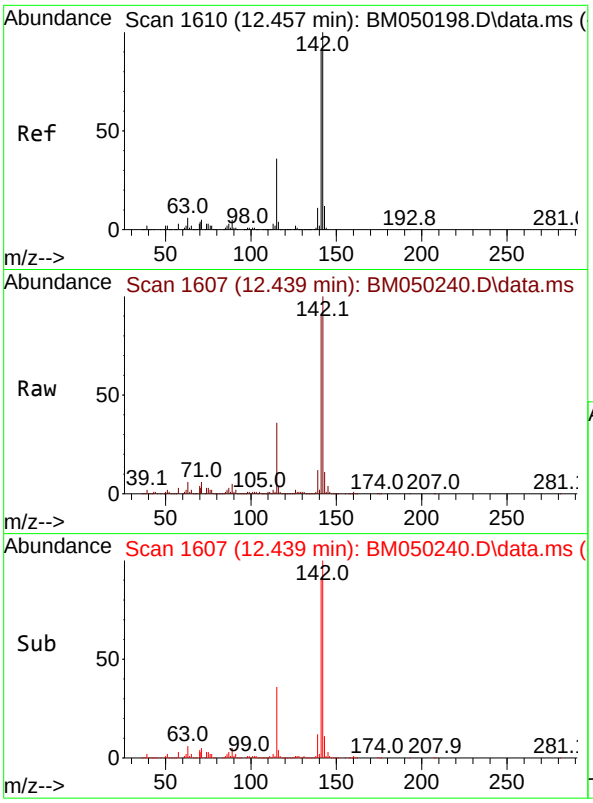


#37
2-Methylnaphthalene
Concen: 19.966 ng
RT: 12.216 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:142 Resp: 628927

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.5	107.3
115	35.3	27.8	41.8



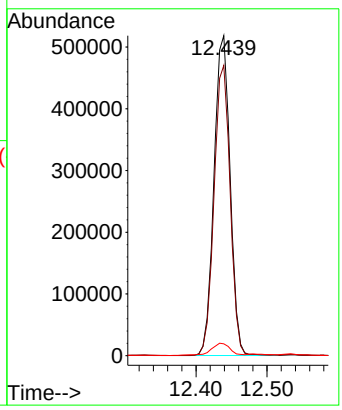


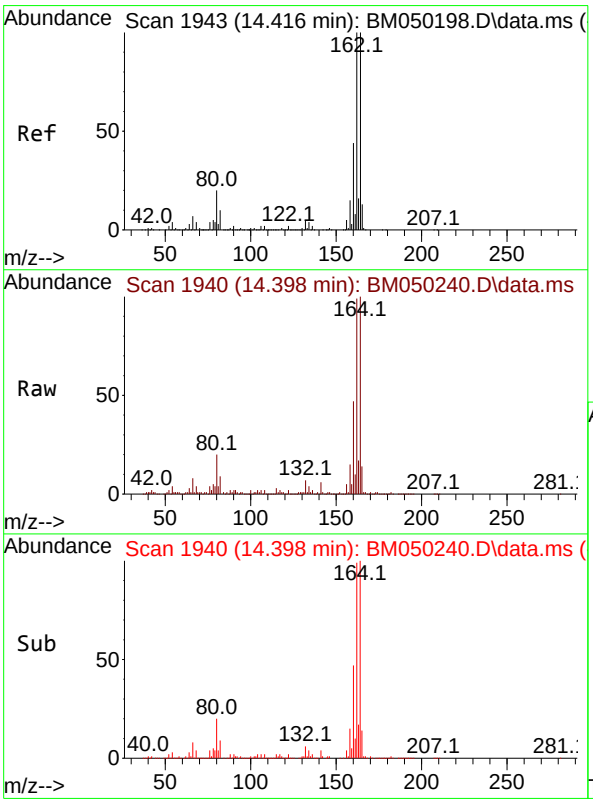
#38
1-Methylnaphthalene
Concen: 24.335 ng
RT: 12.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:142 Resp: 813617

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.9	109.3
116	3.7	3.0	4.6

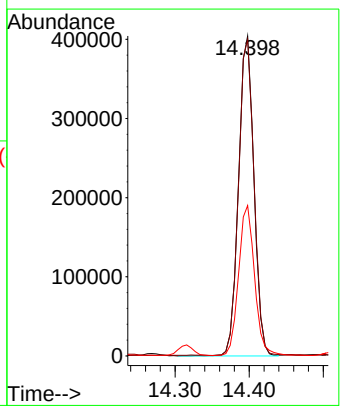


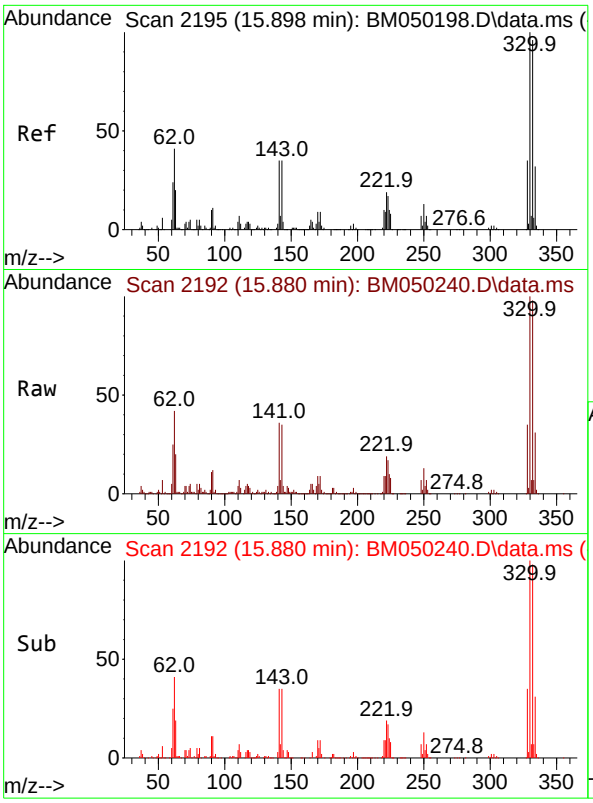


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:164 Resp: 581596

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.4
160	47.0	35.7	53.5



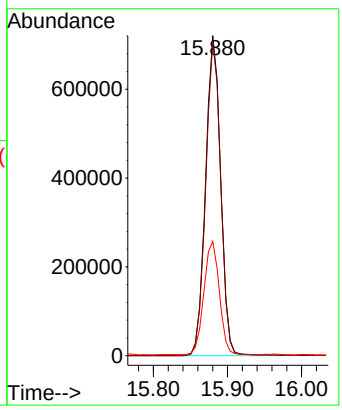


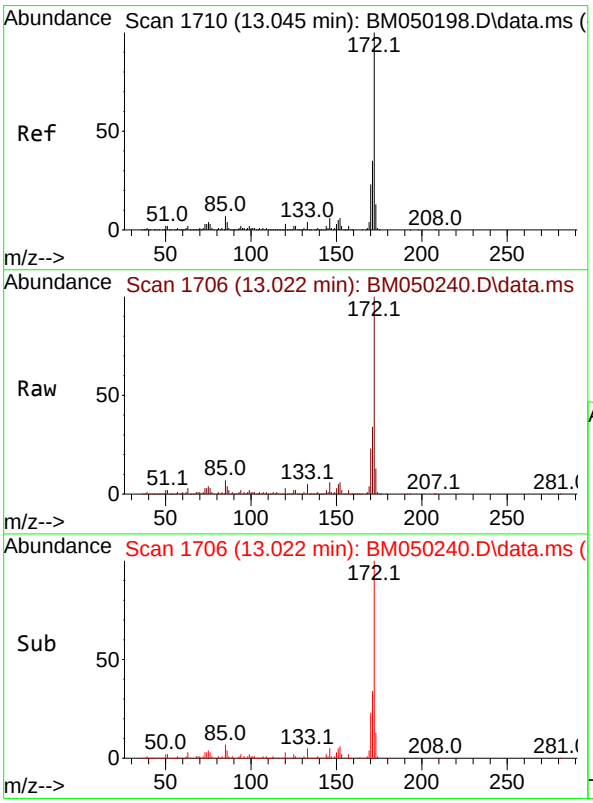
#42
2,4,6-Tribromophenol
Concen: 154.510 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:330 Resp: 1022118

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.5	116.3
141	36.3	28.8	43.2

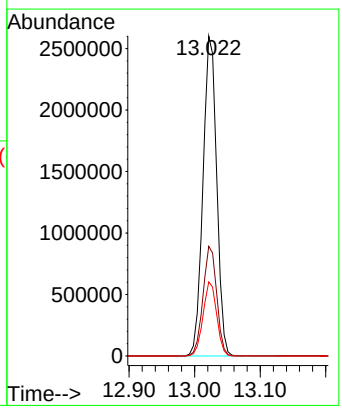


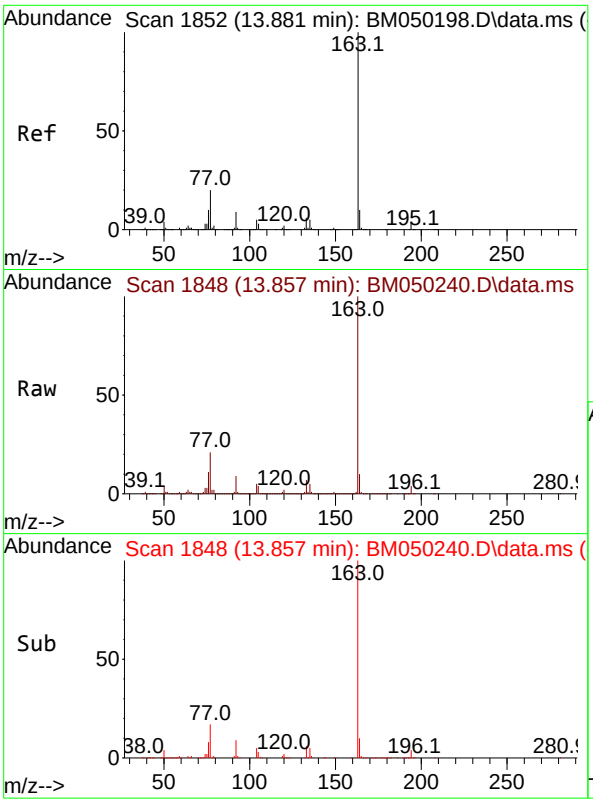


#45
2-Fluorobiphenyl
Concen: 88.348 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:172 Resp: 3795297

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.6
170	23.1	18.6	27.8



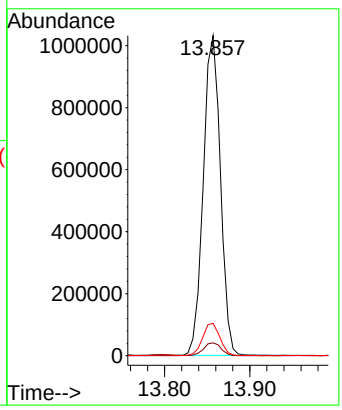


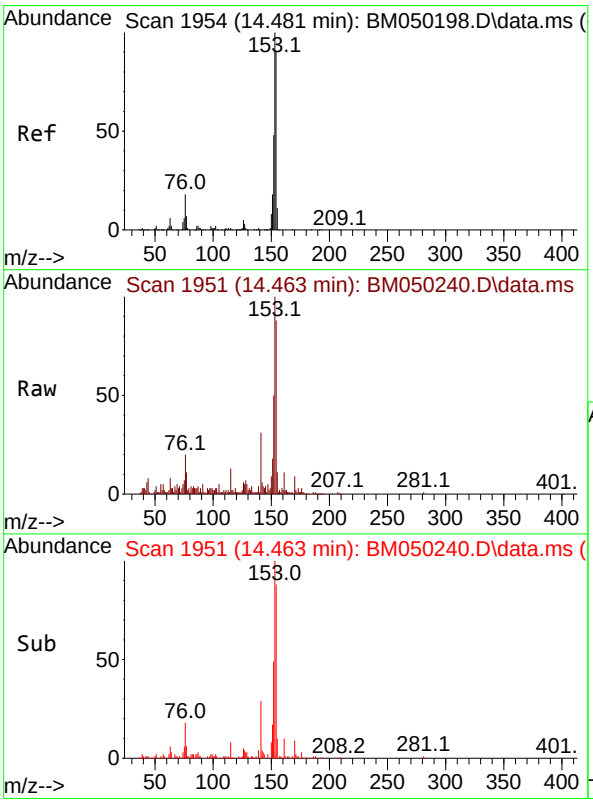
#50
Dimethylphthalate
Concen: 36.620 ng
RT: 13.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:163 Resp: 1440398

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	7.9	11.9

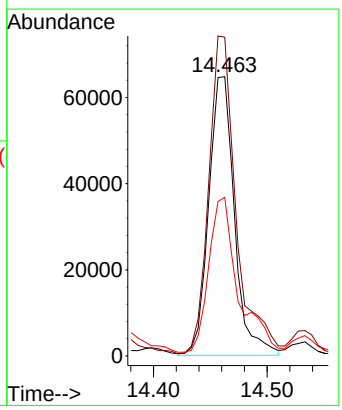


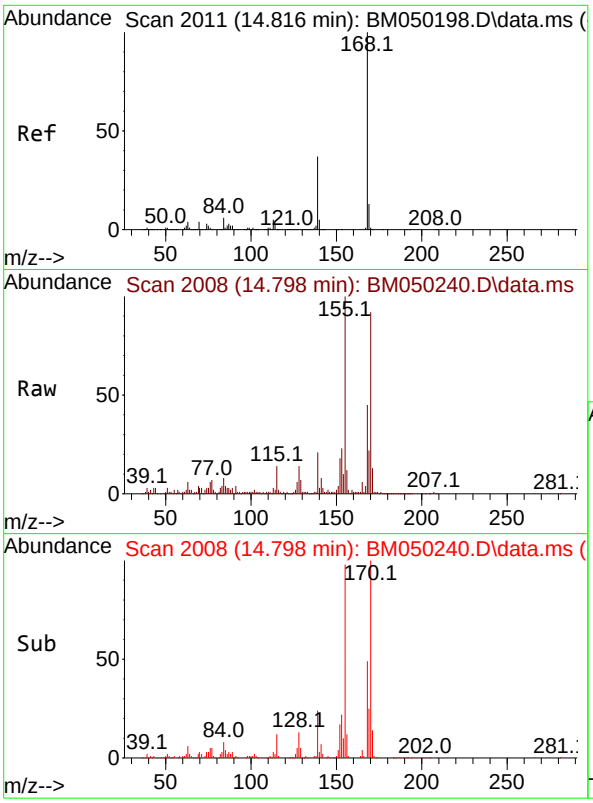


#52
Acenaphthene
Concen: 2.976 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:154 Resp: 101935

Ion	Ratio	Lower	Upper
154	100		
153	114.2	88.7	133.1
152	56.9	42.6	63.8



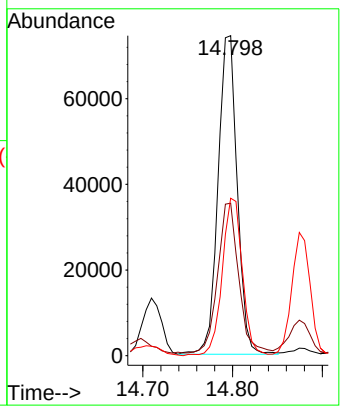


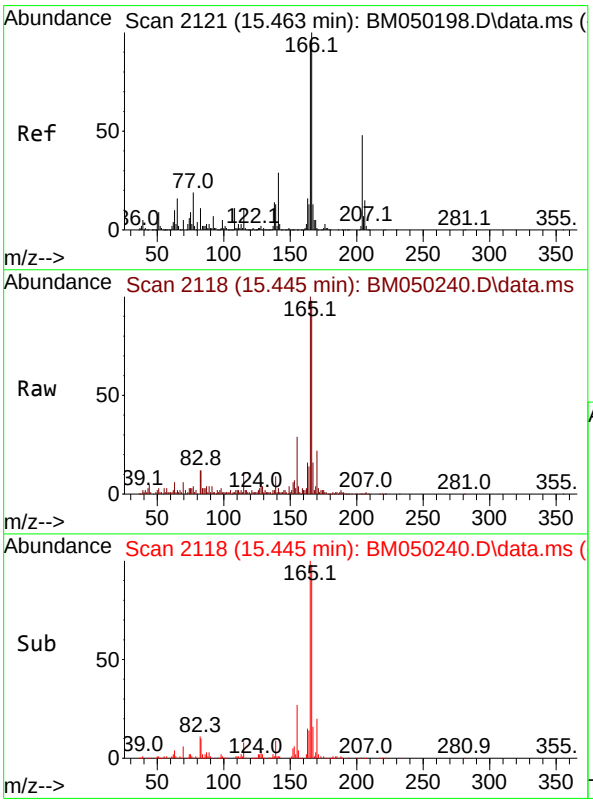
#55
Dibenzofuran
Concen: 2.202 ng
RT: 14.798 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:168 Resp: 110355

Ion	Ratio	Lower	Upper
168	100		
139	47.6	29.9	44.9#
169	49.2	10.6	16.0#

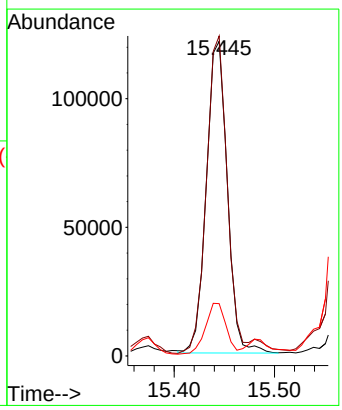


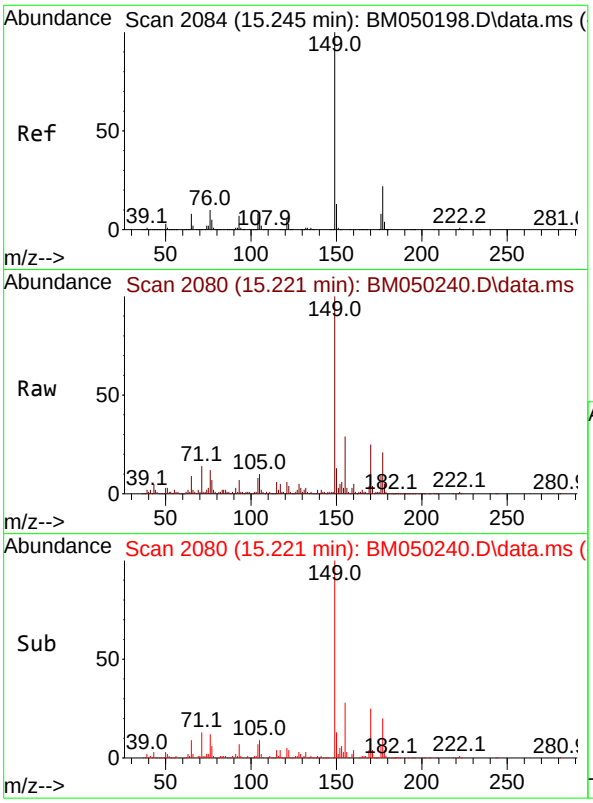


#58
Fluorene
Concen: 4.588 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:166 Resp: 176099

Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.0	115.4
167	16.6	10.7	16.1#



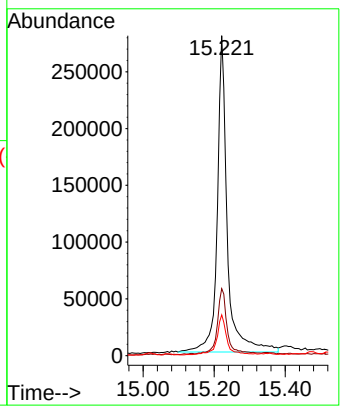


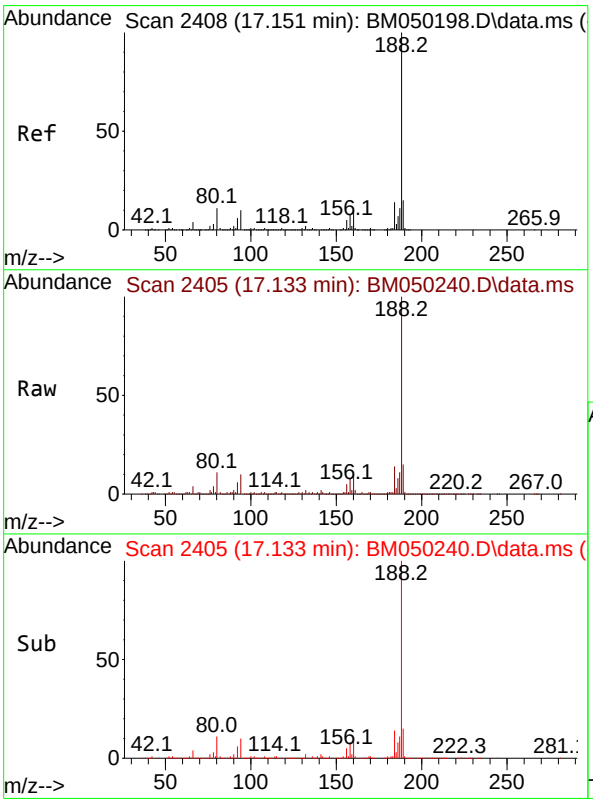
#60
Diethylphthalate
Concen: 14.044 ng
RT: 15.221 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:149 Resp: 548102

Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.2	25.8
150	12.7	10.0	15.0

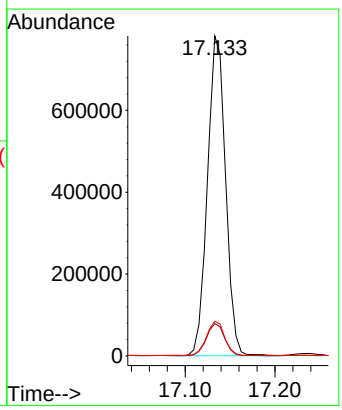


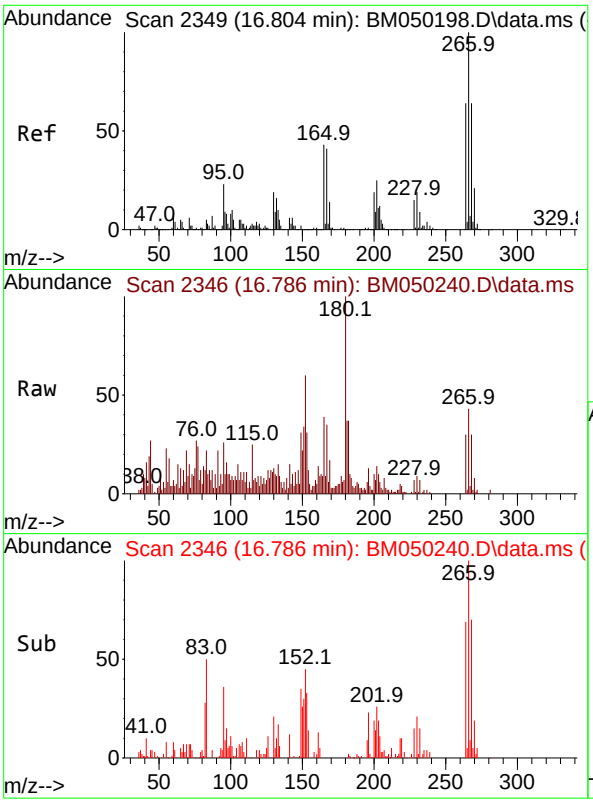


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:188 Resp: 1095565

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.8	8.6	13.0



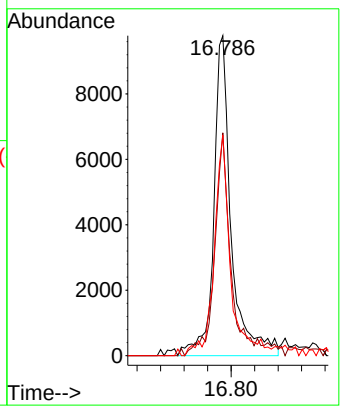


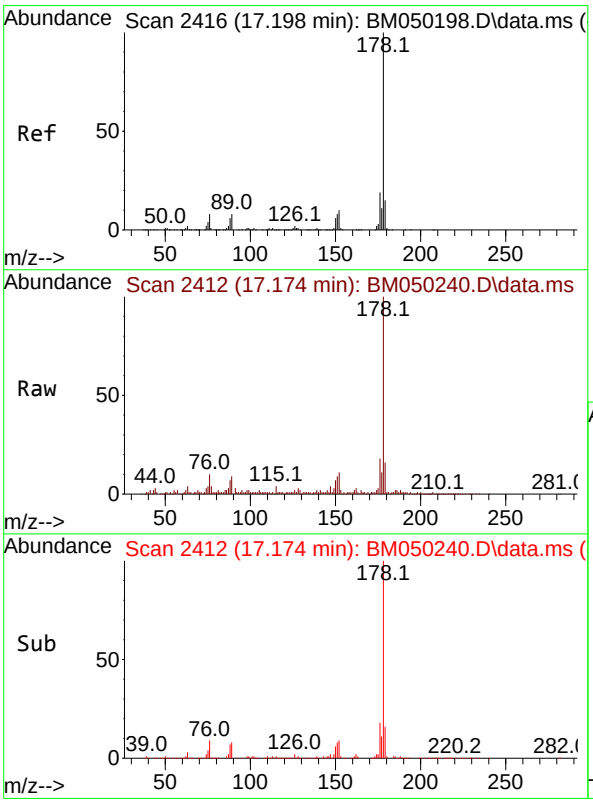
#70
Pentachlorophenol
Concen: 2.268 ng
RT: 16.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:266 Resp: 20129

Ion	Ratio	Lower	Upper
266	100		
268	69.6	51.0	76.6
264	68.9	50.8	76.2

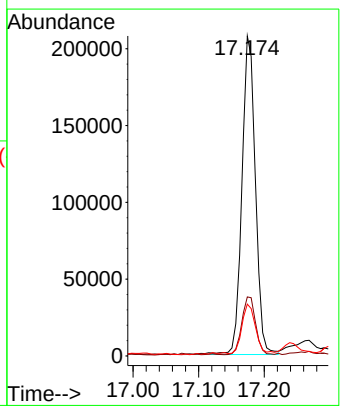


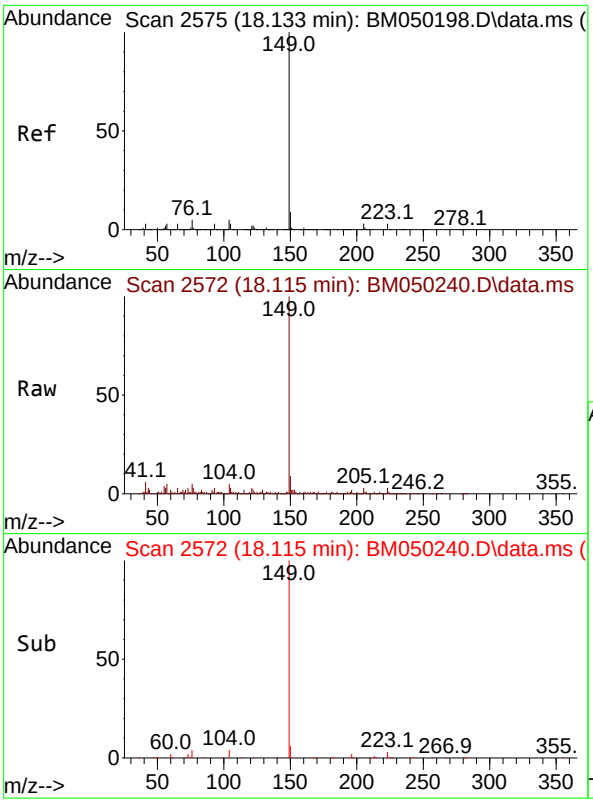


#71
Phenanthrene
Concen: 4.756 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:178 Resp: 297659

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.2	12.3	18.5



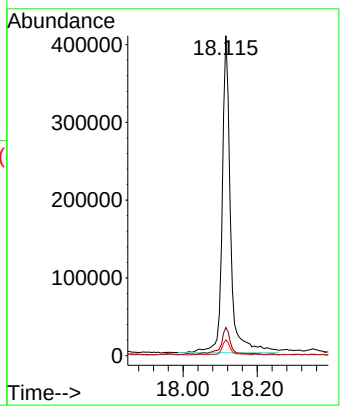


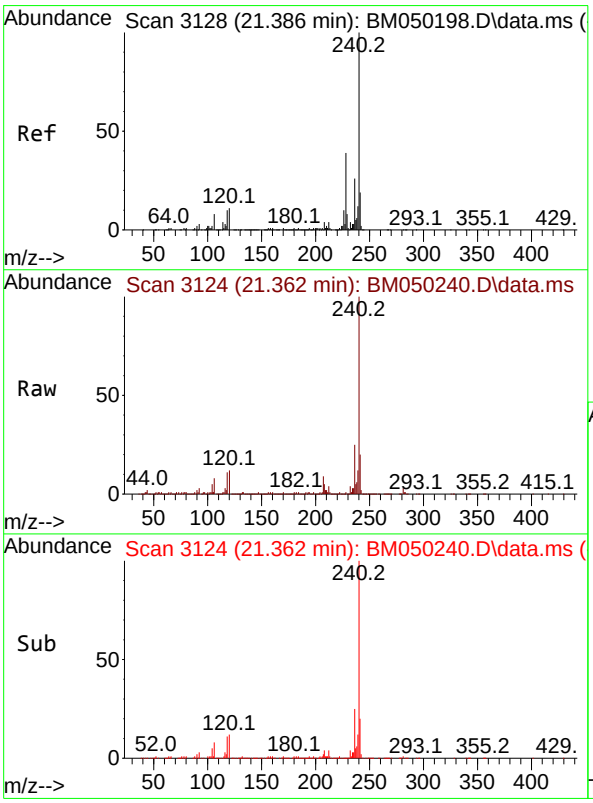
#74
Di-n-butylphthalate
Concen: 10.291 ng
RT: 18.115 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:149 Resp: 638718

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.0
104	5.0	4.0	6.0

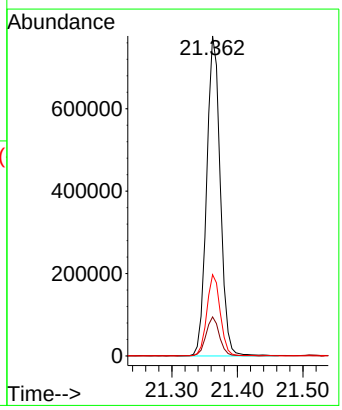


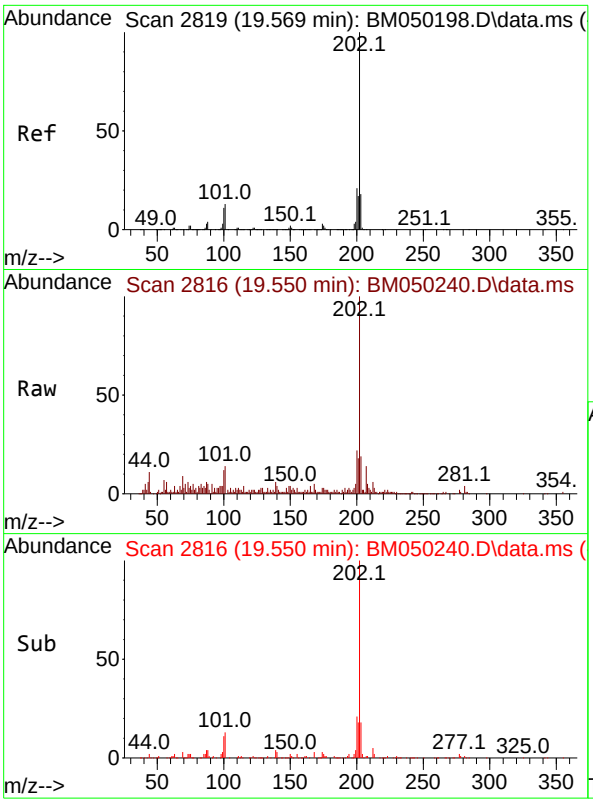


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:240 Resp: 1122304

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.4
236	25.4	20.7	31.1



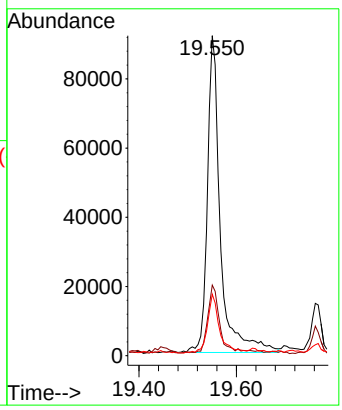


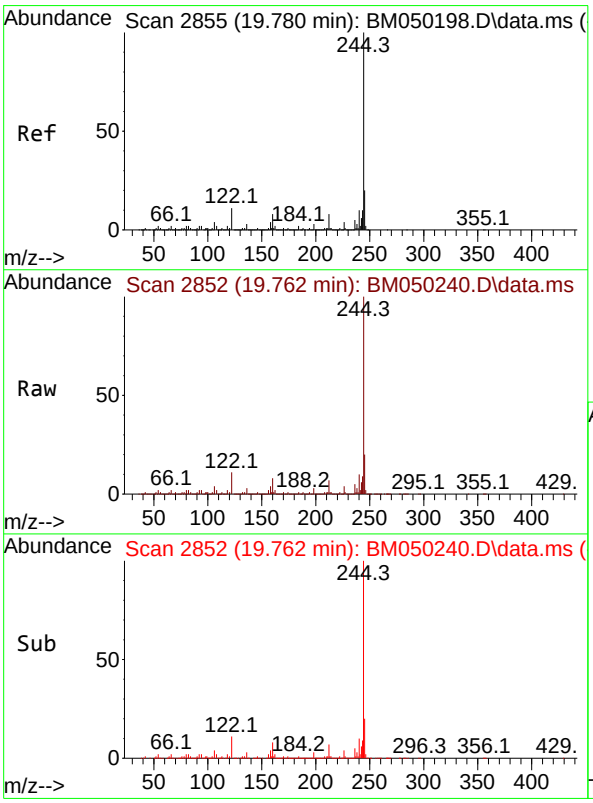
#78
Pyrene
Concen: 2.218 ng
RT: 19.550 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:202 Resp: 167785

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.7	25.1
203	19.2	14.1	21.1

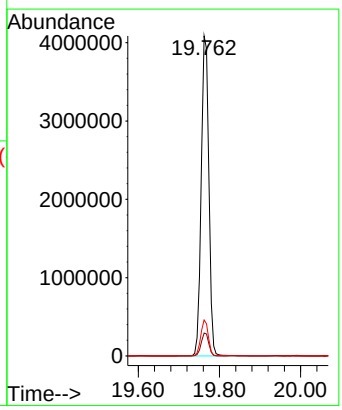


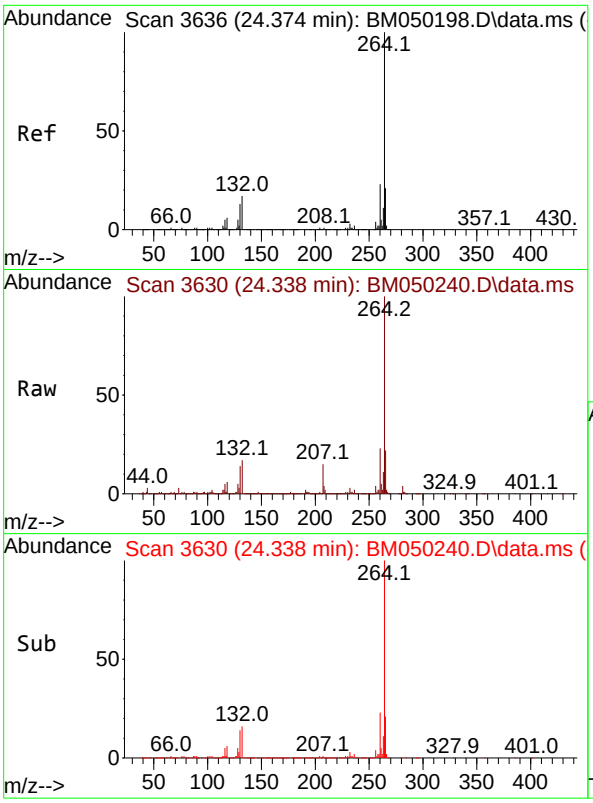


#79
Terphenyl-d14
Concen: 90.067 ng
RT: 19.762 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Tgt Ion:244 Resp: 5334082

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.2	8.6	12.8



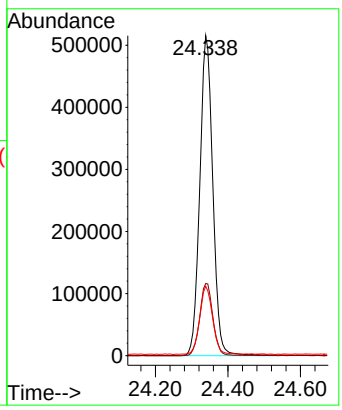


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050240.D
Acq: 09 Jun 2025 13:29

Instrument :
BNA_M
ClientSampleId :
GSB3

Tgt Ion:264 Resp: 1282474

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	28.0
265	21.7	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050237.D
Acq On : 09 Jun 2025 11:26
Operator : RC/JU
Sample : PB168340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Quant Time: Jun 09 12:21:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

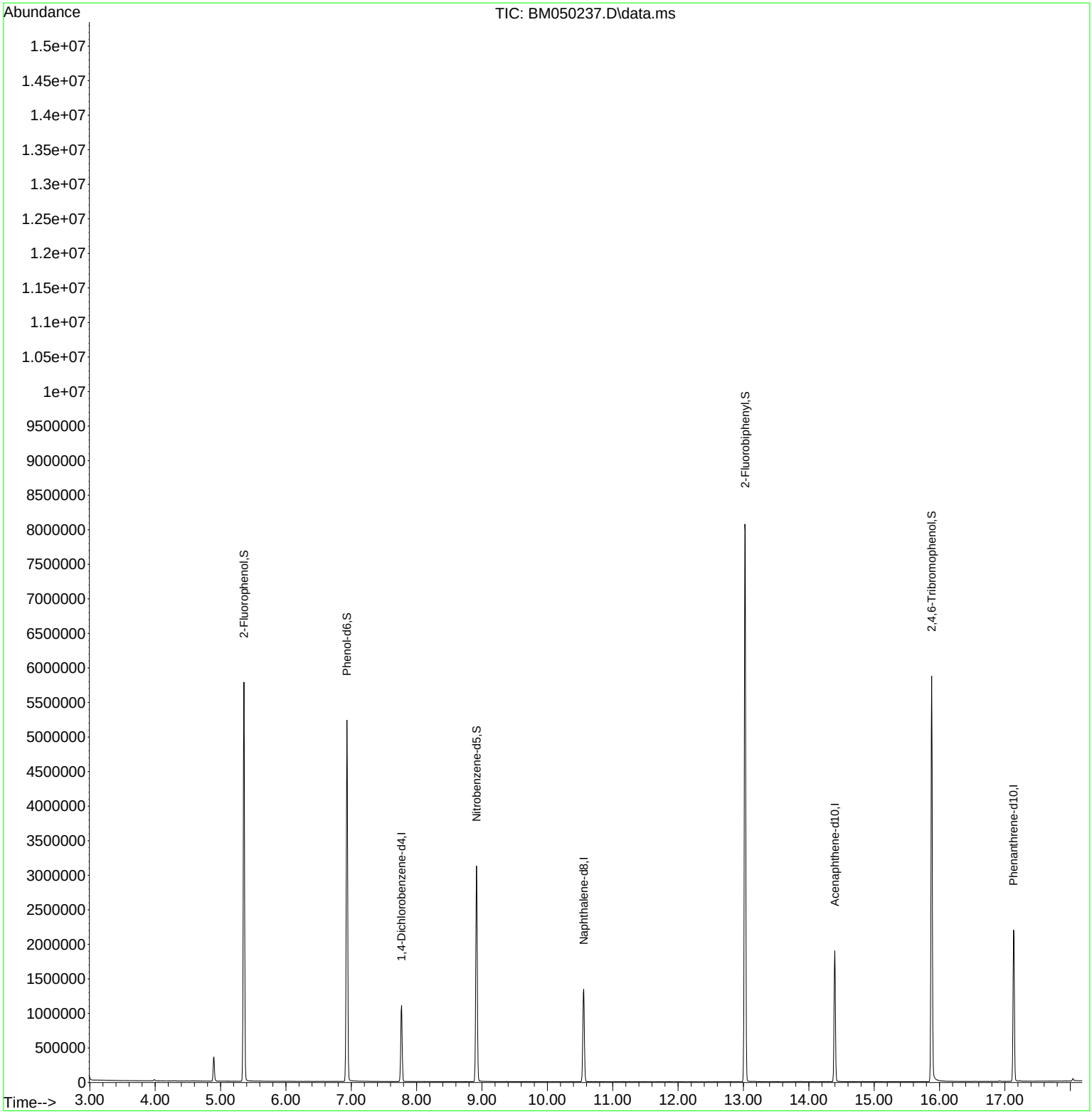
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	308898	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1157442	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	647360	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1268443	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1357312	20.000	ng	0.00
86) Perylene-d12	24.344	264	1477668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2728386	147.341	ng	0.00
7) Phenol-d6	6.934	99	3343794	137.173	ng	0.00
23) Nitrobenzene-d5	8.916	82	1971126	88.570	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1112019	151.023	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4271637	89.335	ng	0.00
79) Terphenyl-d14	19.768	244	6189153	86.410	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050237.D
Acq On : 09 Jun 2025 11:26
Operator : RC/JU
Sample : PB168340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340BL

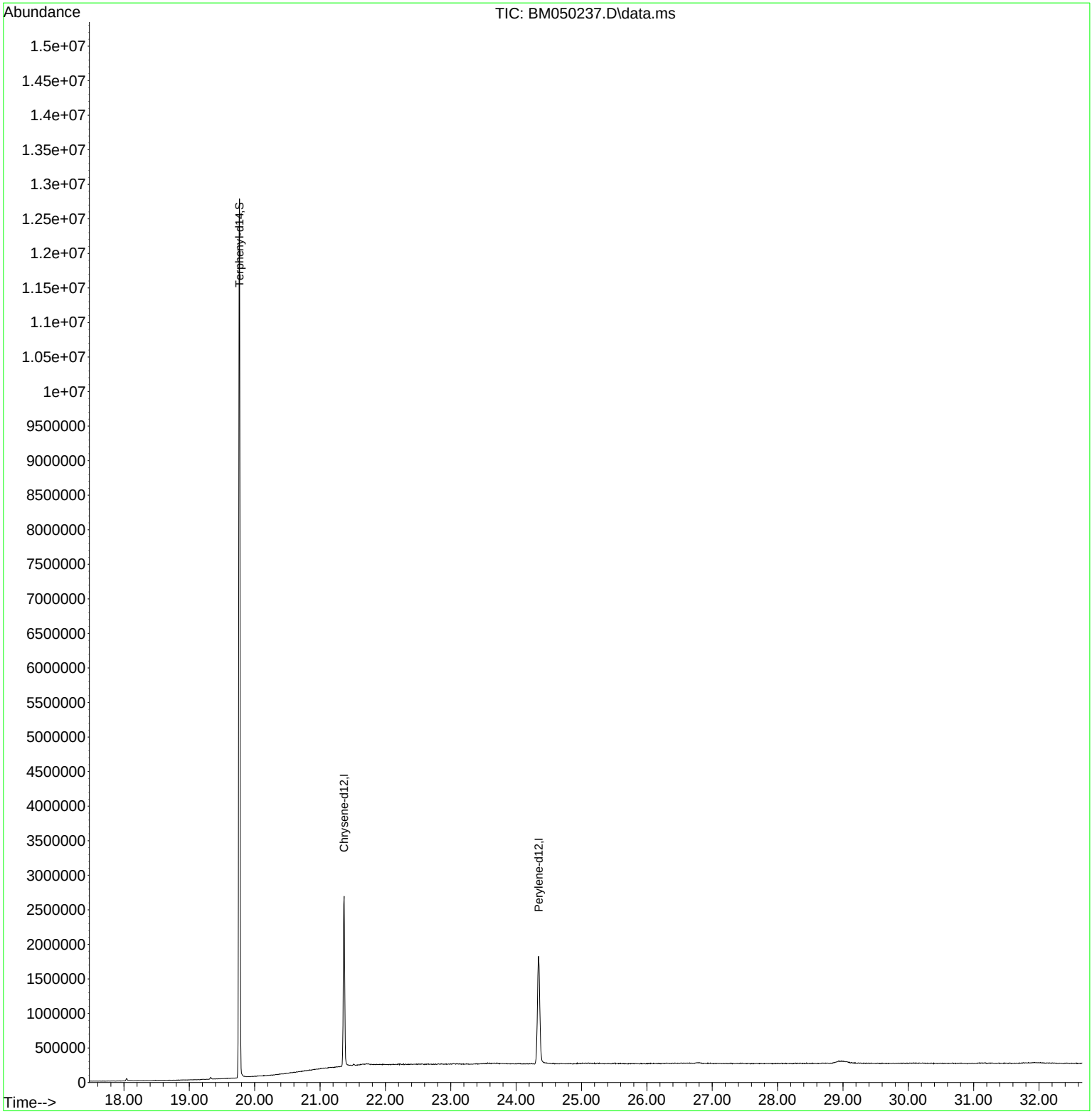
Quant Time: Jun 09 12:21:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

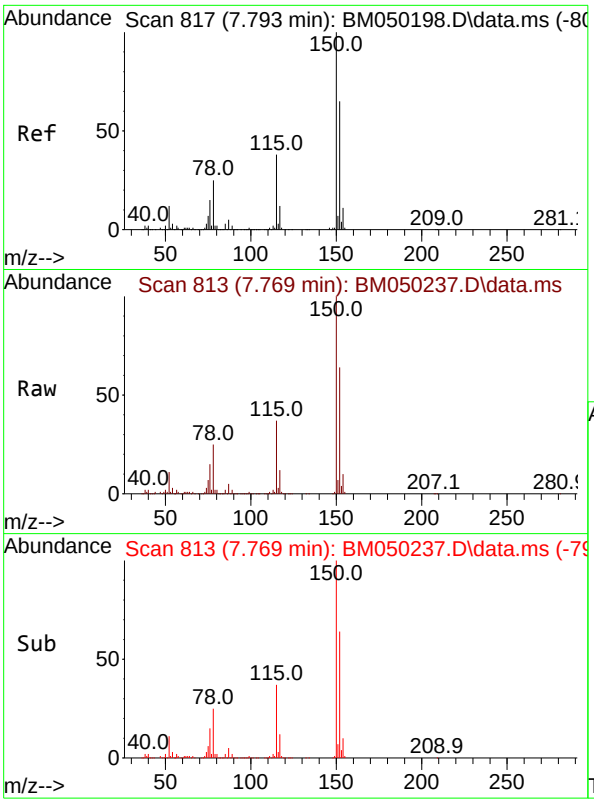


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050237.D
Acq On : 09 Jun 2025 11:26
Operator : RC/JU
Sample : PB168340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Quant Time: Jun 09 12:21:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



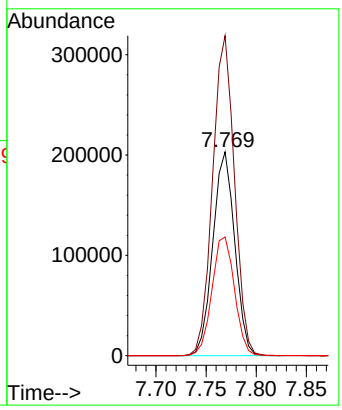


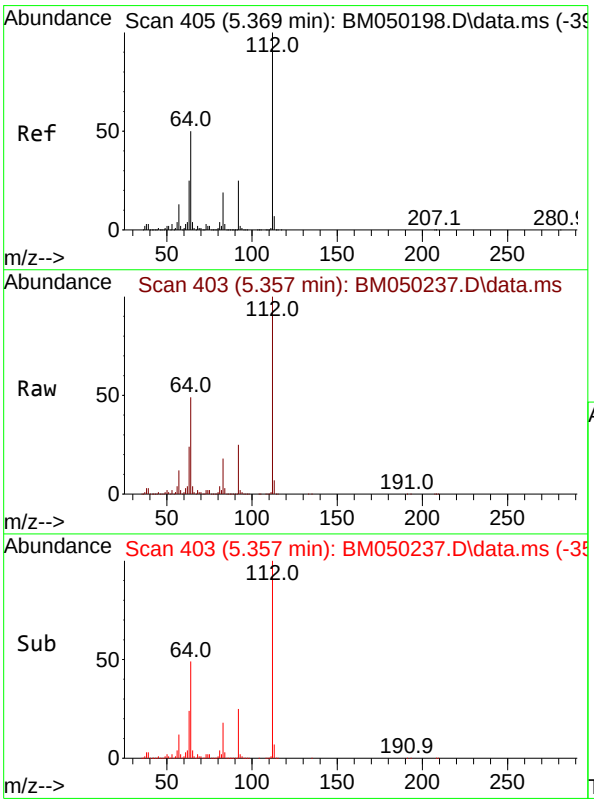
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion:152 Resp: 308898

Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.2	183.4
115	58.2	46.3	69.5

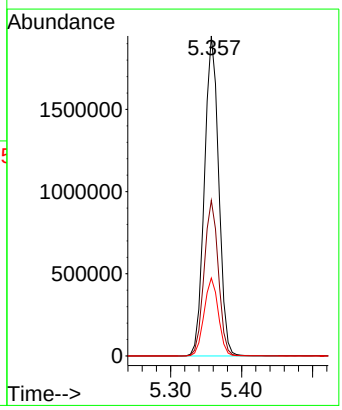


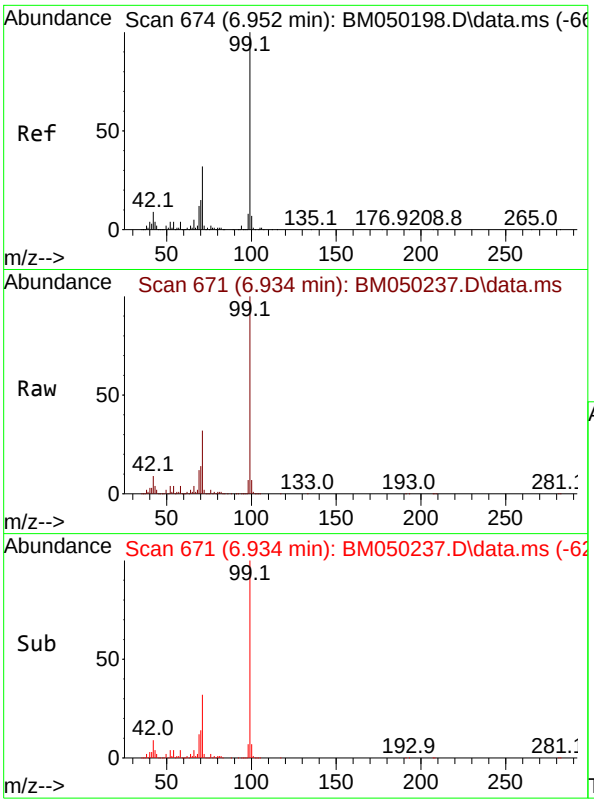


#5
2-Fluorophenol
Concen: 147.341 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:112 Resp: 2728386

Ion	Ratio	Lower	Upper
112	100		
64	48.6	39.8	59.6
63	24.4	19.8	29.8



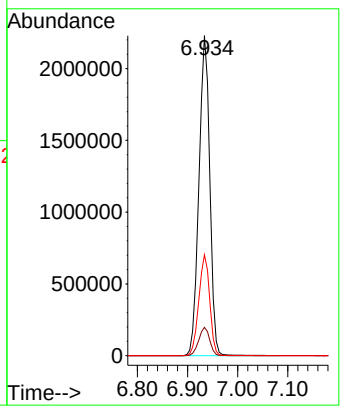


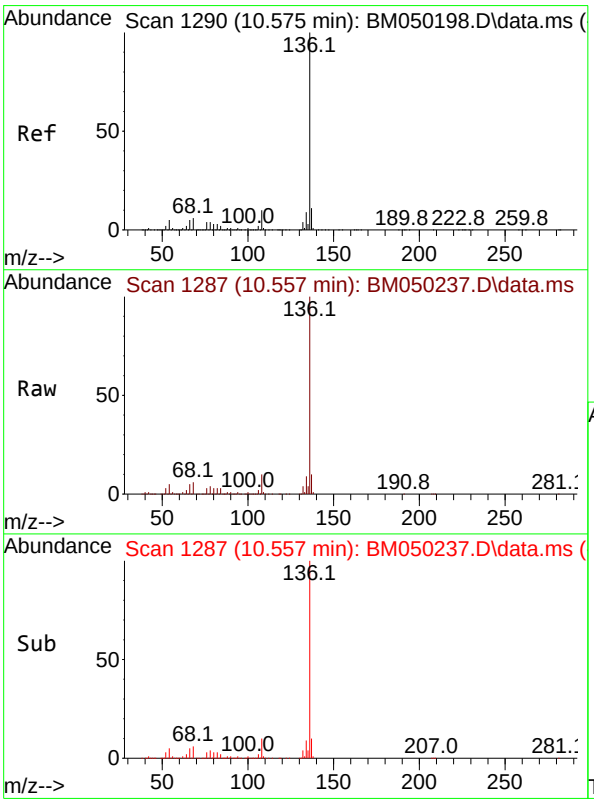
#7
Phenol-d6
Concen: 137.173 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion: 99 Resp: 3343794

Ion	Ratio	Lower	Upper
99	100		
42	8.9	6.9	10.3
71	31.6	25.3	37.9

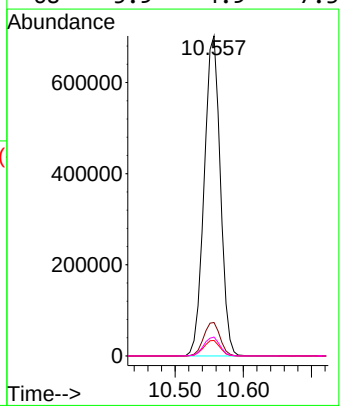


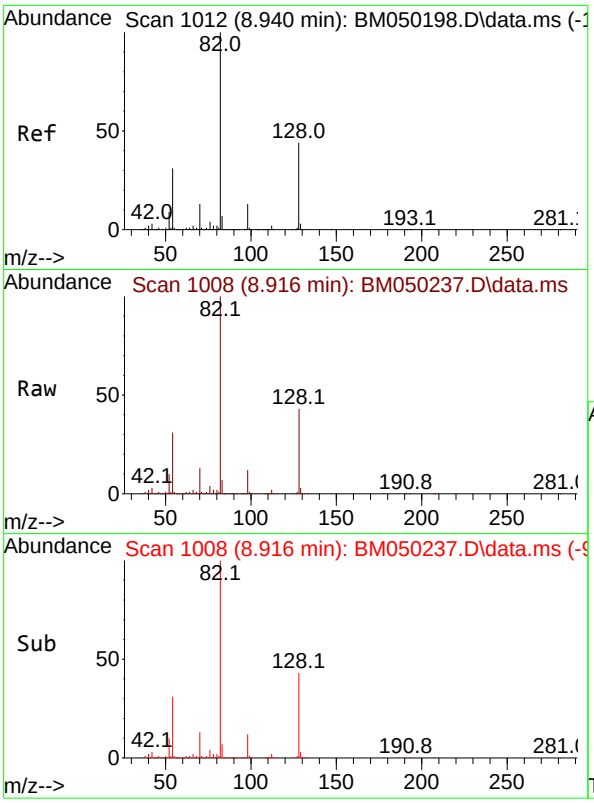


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:136 Resp: 1157442

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	4.9	3.8	5.8
68	5.9	4.9	7.3



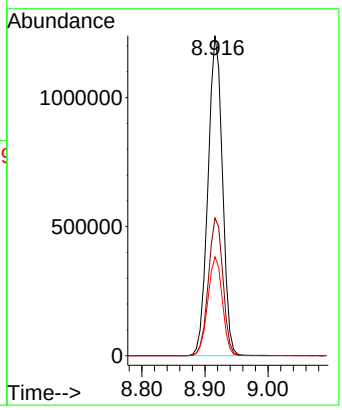


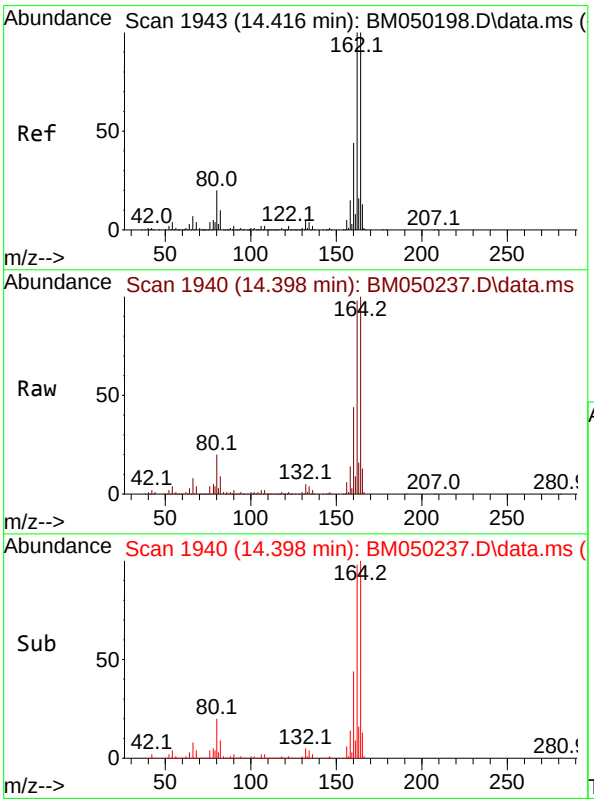
#23
Nitrobenzene-d5
Concen: 88.570 ng
RT: 8.916 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion: 82 Resp: 1971126

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.2	52.8
54	30.9	24.5	36.7

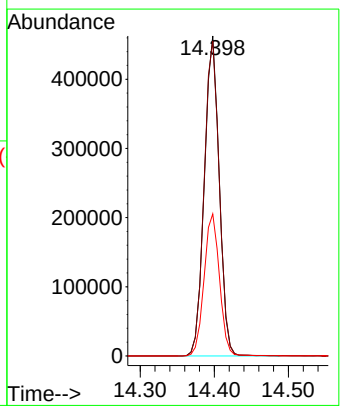


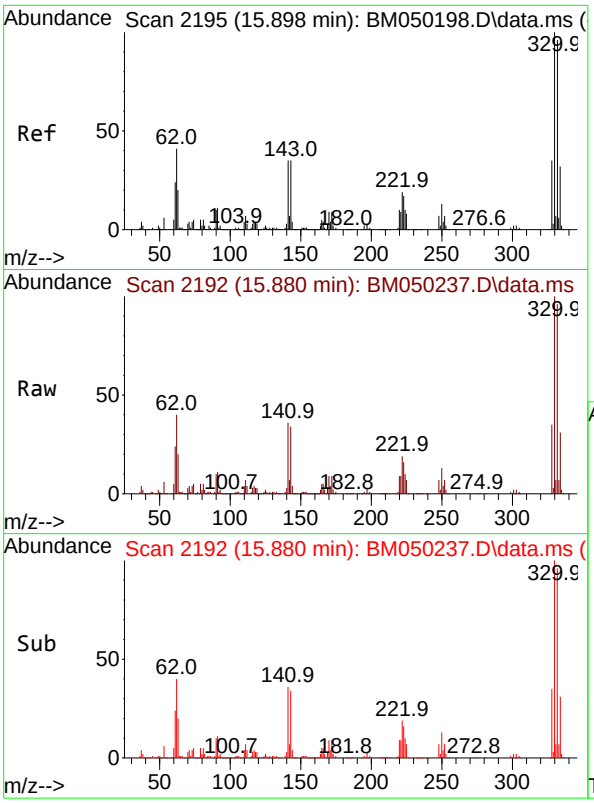


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:164 Resp: 647360

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.2	120.4
160	44.4	35.7	53.5



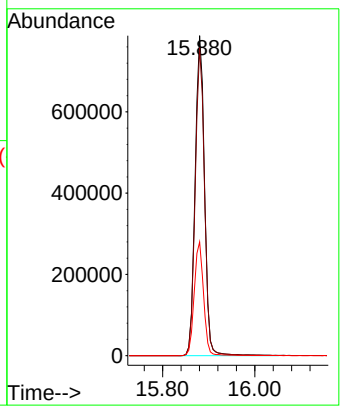


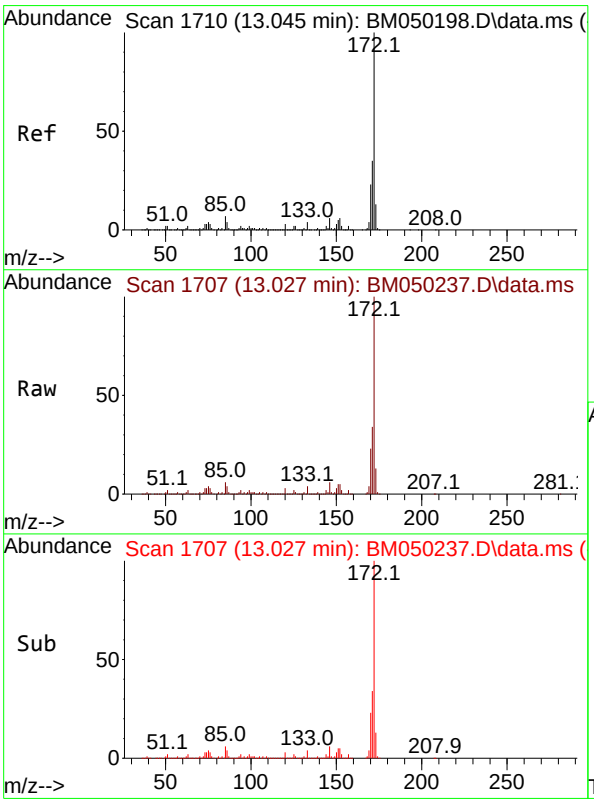
#42
2,4,6-Tribromophenol
Concen: 151.023 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion:330 Resp: 1112019

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.5	116.3
141	35.5	28.8	43.2

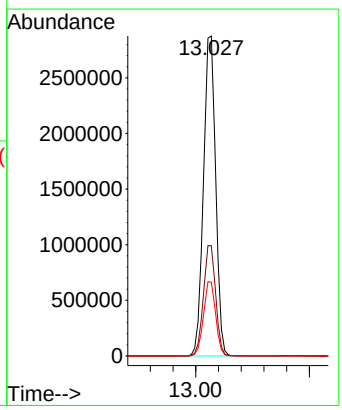


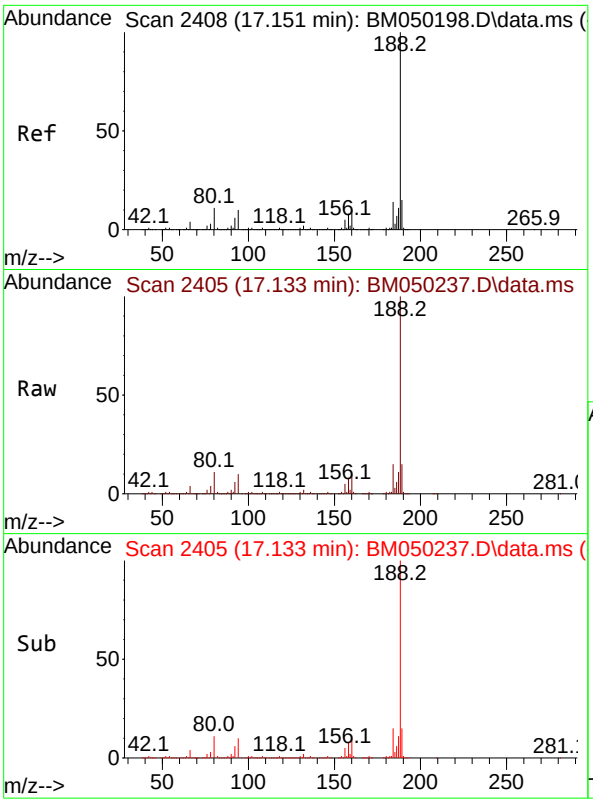


#45
2-Fluorobiphenyl
Concen: 89.335 ng
RT: 13.027 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:172 Resp: 4271637

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.0	18.6	27.8



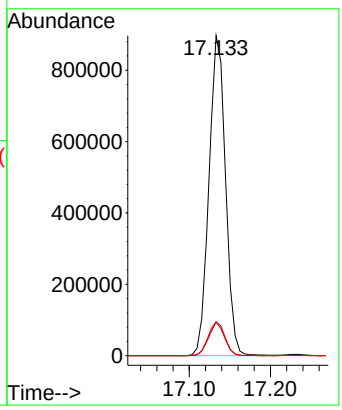


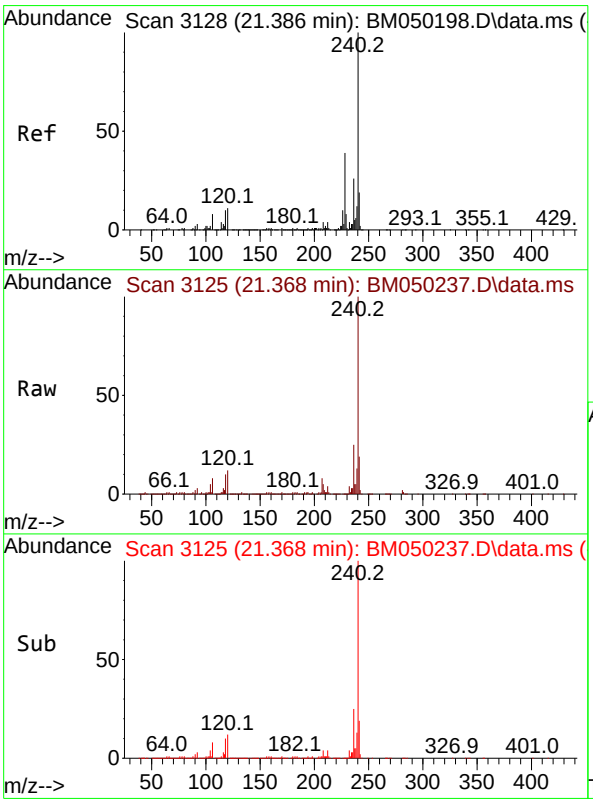
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion:188 Resp: 1268443

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	10.6	8.6	13.0

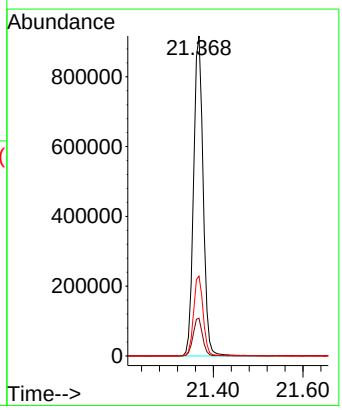


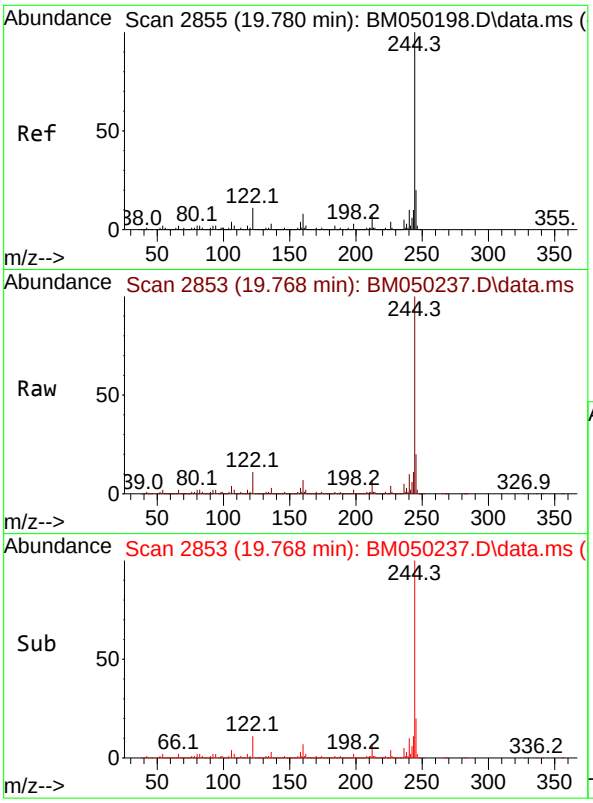


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:240 Resp: 1357312

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	25.0	20.7	31.1



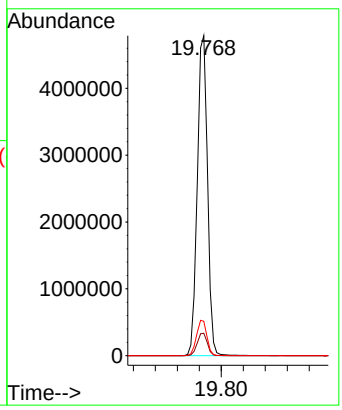


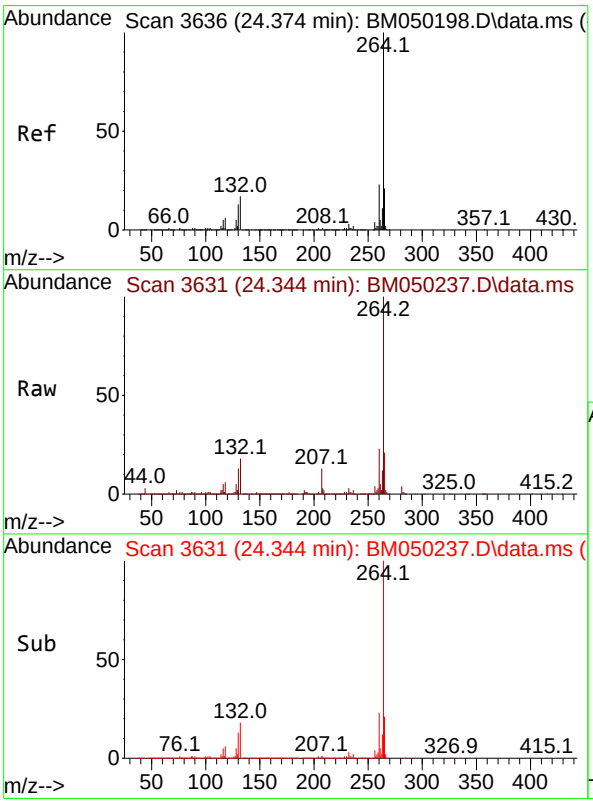
#79
Terphenyl-d14
Concen: 86.410 ng
RT: 19.768 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Instrument :
BNA_M
ClientSampleId :
PB168340BL

Tgt Ion:244 Resp: 6189153

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	10.7	8.6	12.8

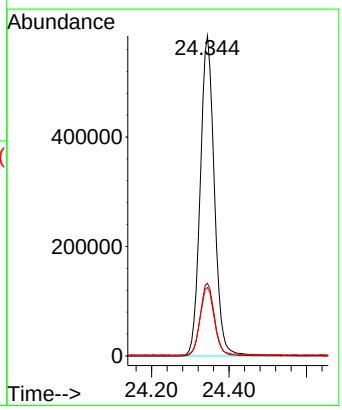




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.344 min Scan# 3631
Delta R.T. 0.000 min
Lab File: BM050237.D
Acq: 09 Jun 2025 11:26

Tgt Ion:264 Resp: 1477668

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	28.0
265	21.4	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050238.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	320774	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1257053	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	743659	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1440533	20.000	ng		0.00
76) Chrysene-d12	21.374	240	1506864	20.000	ng		0.00
86) Perylene-d12	24.344	264	1650438	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2638389	137.206	ng		0.00
7) Phenol-d6	6.934	99	3384383	133.698	ng		0.00
23) Nitrobenzene-d5	8.916	82	2026373	83.837	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1235095	146.017	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4443623	80.897	ng		0.00
79) Terphenyl-d14	19.768	244	6572801	82.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	293881	34.865	ng		96
3) Pyridine	3.669	79	858280	39.320	ng		99
4) n-Nitrosodimethylamine	3.581	42	202342	44.828	ng		98
6) Aniline	7.092	93	1011663	30.231	ng		98
8) 2-Chlorophenol	7.334	128	1019547	48.202	ng		99
9) Benzaldehyde	6.904	77	515804	32.049	ng		96
10) Phenol	6.963	94	1284171	47.946	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	982431	45.603	ng		97
12) 1,3-Dichlorobenzene	7.657	146	1055739	44.647	ng		98
13) 1,4-Dichlorobenzene	7.804	146	1085947	44.139	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1048729	44.715	ng		99
15) Benzyl Alcohol	8.004	79	843230	46.704	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	715230	47.792	ng		97
17) 2-Methylphenol	8.204	107	846340	47.891	ng		99
18) Hexachloroethane	8.851	117	403890	45.332	ng		100
19) n-Nitroso-di-n-propyla...	8.575	70	708387	45.730	ng		98
20) 3+4-Methylphenols	8.533	107	1131847	47.871	ng		98
22) Acetophenone	8.586	105	1454601	46.318	ng	#	99
24) Nitrobenzene	8.957	77	1057551	48.109	ng		97
25) Isophorone	9.486	82	1969912	47.220	ng		99
26) 2-Nitrophenol	9.669	139	472285	49.772	ng		99
27) 2,4-Dimethylphenol	9.733	122	963560	49.422	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	1298501	47.646	ng		99
29) 2,4-Dichlorophenol	10.204	162	903658	50.086	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	926996	46.171	ng		99
31) Naphthalene	10.604	128	2974404	45.765	ng		99
32) Benzoic acid	9.863	122	640105	52.242	ng		99
33) 4-Chloroaniline	10.704	127	568403	20.514	ng		99
34) Hexachlorobutadiene	10.904	225	541097	45.310	ng		100
35) Caprolactam	11.480	113	292927m	51.211	ng		
36) 4-Chloro-3-methylphenol	11.833	107	971490	50.462	ng		100
37) 2-Methylnaphthalene	12.221	142	1860745	47.458	ng		99
38) 1-Methylnaphthalene	12.439	142	1952531	46.919	ng		99
40) 1,2,4,5-Tetrachloroben...	12.592	216	1005342	46.817	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1304356	100.018	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	711376	50.375	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050238.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	784491	50.597	ng	98
46) 1,1'-Biphenyl	13.233	154	2623701	47.117	ng	99
47) 2-Chloronaphthalene	13.274	162	2017409	46.601	ng	99
48) 2-Nitroaniline	13.468	65	527217	55.341	ng	98
49) Acenaphthylene	14.121	152	3401925	48.585	ng	100
50) Dimethylphthalate	13.863	163	2523932	50.184	ng	100
51) 2,6-Dinitrotoluene	13.968	165	543164	53.553	ng	97
52) Acenaphthene	14.462	154	2318364m	52.935	ng	
53) 3-Nitroaniline	14.292	138	316006	27.955	ng	99
54) 2,4-Dinitrophenol	14.498	184	635352	114.006	ng	96
55) Dibenzofuran	14.798	168	3097423	48.342	ng	99
56) 4-Nitrophenol	14.604	139	1121805	116.598	ng	100
57) 2,4-Dinitrotoluene	14.757	165	770010	57.552	ng	98
58) Fluorene	15.445	166	2402646	48.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	698096	52.041	ng	92
60) Diethylphthalate	15.233	149	2578921	51.680	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1160537	48.930	ng	99
62) 4-Nitroaniline	15.457	138	566413	53.462	ng	99
63) Azobenzene	15.739	77	2507403	50.272	ng	100
65) 4,6-Dinitro-2-methylph...	15.515	198	405706	51.564	ng	96
66) n-Nitrosodiphenylamine	15.656	169	2191325	48.414	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	746039	48.565	ng	98
68) Hexachlorobenzene	16.451	284	875561	48.784	ng	96
69) Atrazine	16.609	200	773565	53.638	ng	99
70) Pentachlorophenol	16.786	266	1257952	107.804	ng	100
71) Phenanthrene	17.180	178	3971003	48.255	ng	100
72) Anthracene	17.268	178	4042950	49.109	ng	100
73) Carbazole	17.533	167	3834360	51.125	ng	100
74) Di-n-butylphthalate	18.115	149	4430714	54.294	ng	100
75) Fluoranthene	19.192	202	4523643	52.126	ng	99
77) Benzidine	19.374	184	1694498	39.989	ng	100
78) Pyrene	19.556	202	4807428	47.334	ng	100
80) Butylbenzylphthalate	20.468	149	1912953	56.466	ng	99
81) Benzo(a)anthracene	21.356	228	4718074	49.467	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	927690	31.895	ng	100
83) Chrysene	21.415	228	4478849	49.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2985953	57.220	ng	99
85) Di-n-octyl phthalate	22.438	149	4874152	62.946	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	5729953	53.920	ng	100
88) Benzo(b)fluoranthene	23.415	252	4765849	49.666	ng	100
89) Benzo(k)fluoranthene	23.480	252	4799784	48.998	ng	100
90) Benzo(a)pyrene	24.209	252	4602184	51.011	ng	99
91) Dibenzo(a,h)anthracene	27.773	278	4653553	53.949	ng	99
92) Benzo(g,h,i)perylene	28.756	276	4644096	53.792	ng	100

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

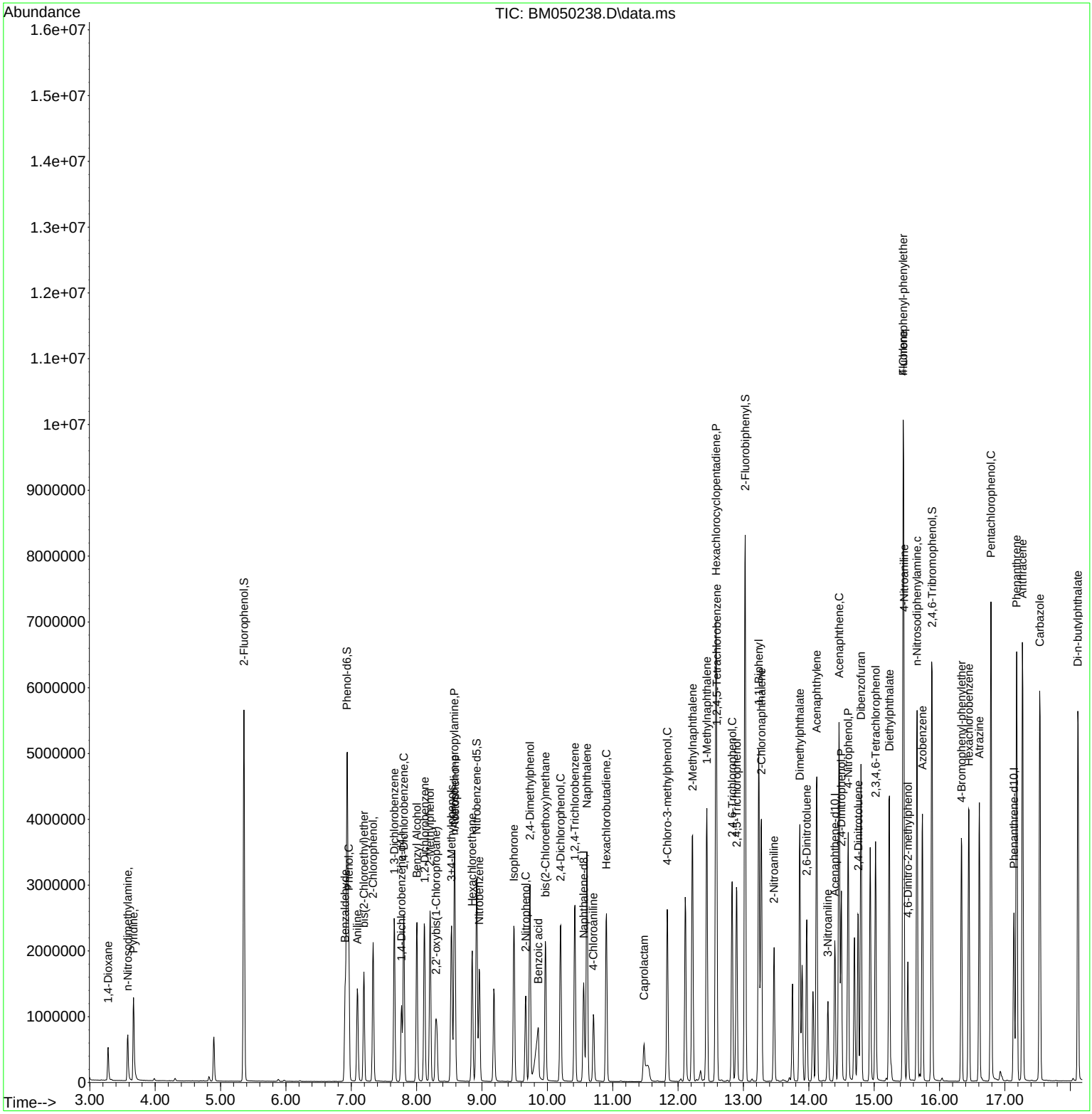
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050238.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



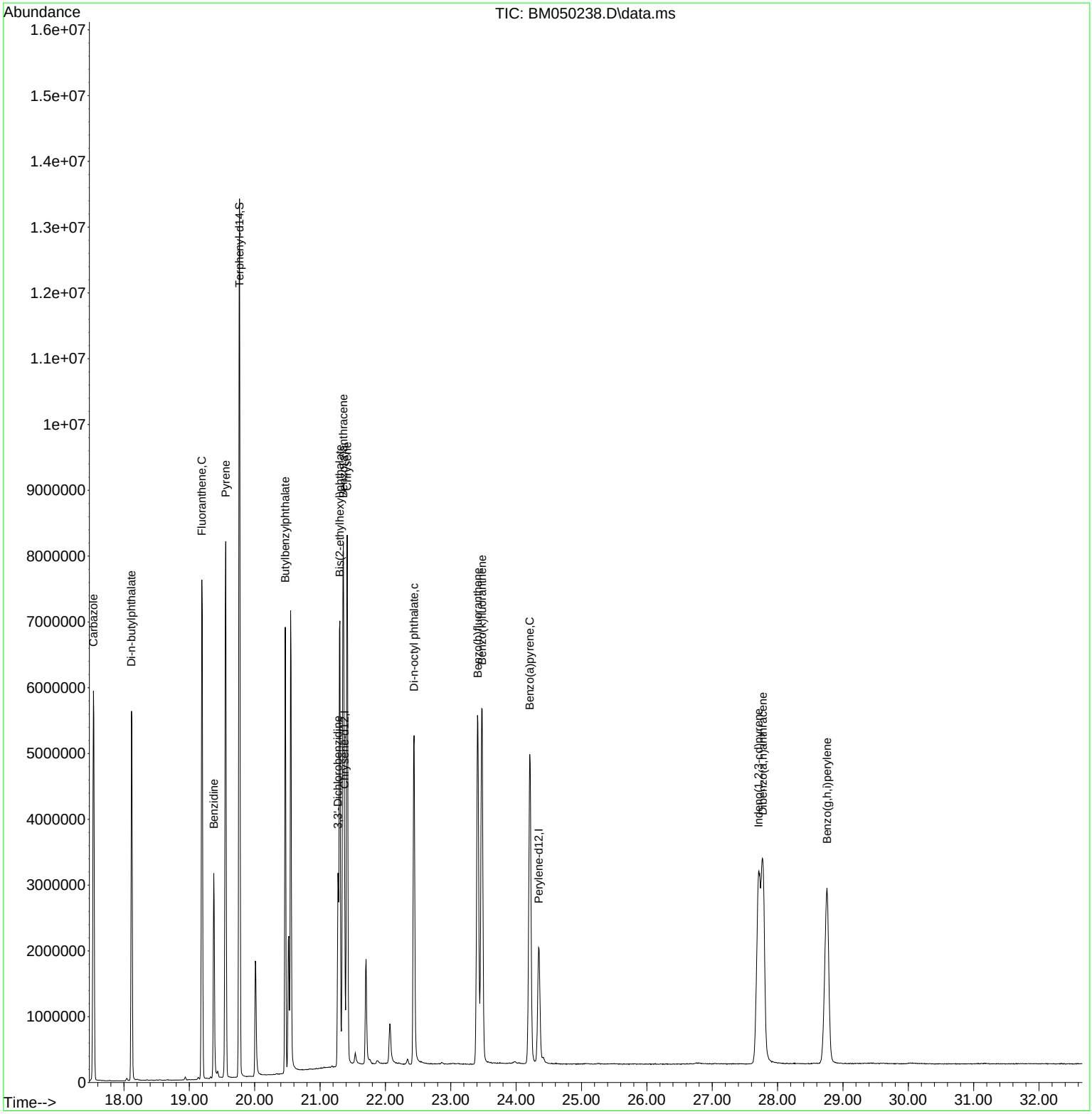
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050238.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 12:47:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168340BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



Sample Results: **BM050241.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050241.D
Acq On : 09 Jun 2025 14:08
Operator : RC/JU
Sample : Q2125-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 15:08:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	289351	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1143577	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	672610	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1263274	20.000	ng		0.00
76) Chrysene-d12	21.368	240	1232808	20.000	ng		0.00
86) Perylene-d12	24.344	264	1346663	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1255227	72.365	ng		0.00
7) Phenol-d6	6.928	99	1051650	46.056	ng		0.00
23) Nitrobenzene-d5	8.916	82	1998828	90.904	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1206681	157.727	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4225084	85.044	ng		0.00
79) Terphenyl-d14	19.768	244	6013290	92.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	142755	18.775	ng		98
3) Pyridine	3.669	79	347991	17.673	ng		99
4) n-Nitrosodimethylamine	3.575	42	86452	21.233	ng	#	96
6) Aniline	7.093	93	733032	24.284	ng		99
8) 2-Chlorophenol	7.334	128	807950	42.347	ng		99
9) Benzaldehyde	6.904	77	516304	35.564	ng		98
10) Phenol	6.957	94	393327	16.280	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	943092	48.531	ng		99
12) 1,3-Dichlorobenzene	7.657	146	926381	43.431	ng		98
13) 1,4-Dichlorobenzene	7.798	146	959761	43.247	ng		100
14) 1,2-Dichlorobenzene	8.116	146	936149	44.249	ng		99
15) Benzyl Alcohol	7.998	79	547664	33.628	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	665085	49.268	ng		99
17) 2-Methylphenol	8.204	107	571452	35.848	ng		99
18) Hexachloroethane	8.845	117	448949	55.861	ng		99
19) n-Nitroso-di-n-propyla...	8.569	70	700907	50.161	ng		99
20) 3+4-Methylphenols	8.528	107	677186	31.752	ng		97
22) Acetophenone	8.581	105	1570871	54.983	ng	#	97
24) Nitrobenzene	8.957	77	1007723	50.391	ng		99
25) Isophorone	9.486	82	1951003	51.408	ng		100
26) 2-Nitrophenol	9.669	139	465171	53.887	ng		99
27) 2,4-Dimethylphenol	9.734	122	833101	46.970	ng		100
28) bis(2-Chloroethoxy)met...	9.969	93	1261615	50.886	ng		99
29) 2,4-Dichlorophenol	10.198	162	823441	50.169	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	886464	48.534	ng		99
31) Naphthalene	10.604	128	3489029	59.011	ng		99
32) Benzoic acid	9.810	122	180703	16.211	ng		89
33) 4-Chloroaniline	10.704	127	680776	27.007	ng		98
34) Hexachlorobutadiene	10.904	225	529682	48.755	ng		99
35) Caprolactam	11.486	113	54718	10.515	ng		92
36) 4-Chloro-3-methylphenol	11.833	107	831853	47.496	ng		100
37) 2-Methylnaphthalene	12.222	142	6126319	171.755	ng		98
38) 1-Methylnaphthalene	12.439	142	5031667	132.909	ng		99
40) 1,2,4,5-Tetrachloroben...	12.592	216	982068	50.564	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1103973	93.595	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	672731	52.671	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050241.D
Acq On : 09 Jun 2025 14:08
Operator : RC/JU
Sample : Q2125-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 15:08:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	732097	52.205	ng		98
46) 1,1'-Biphenyl	13.233	154	2582829	51.283	ng		98
47) 2-Chloronaphthalene	13.275	162	1970253	50.319	ng		100
48) 2-Nitroaniline	13.469	65	506865	58.824	ng		98
49) Acenaphthylene	14.121	152	3219411	50.835	ng		98
50) Dimethylphthalate	13.863	163	2420352	53.208	ng		100
51) 2,6-Dinitrotoluene	13.969	165	492752	53.715	ng		92
52) Acenaphthene	14.463	154	2423578m	61.183	ng		
53) 3-Nitroaniline	14.292	138	278218	27.212	ng		98
54) 2,4-Dinitrophenol	14.498	184	604886	122.615	ng		95
55) Dibenzofuran	14.798	168	3251696	56.110	ng		98
56) 4-Nitrophenol	14.598	139	401045	46.087	ng		99
57) 2,4-Dinitrotoluene	14.757	165	720272	59.521	ng	#	96
58) Fluorene	15.445	166	2659647	59.920	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	650150m	53.586	ng		
60) Diethylphthalate	15.227	149	2657786	58.887	ng		98
61) 4-Chlorophenyl-phenyle...	15.445	204	1116837	52.062	ng		99
62) 4-Nitroaniline	15.457	138	504811	52.681	ng		97
63) Azobenzene	15.733	77	2343360	51.945	ng		98
65) 4,6-Dinitro-2-methylph...	15.516	198	386478	56.013	ng		97
66) n-Nitrosodiphenylamine	15.657	169	2109439	53.144	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	728512	54.078	ng		97
68) Hexachlorobenzene	16.451	284	825570	52.453	ng		96
69) Atrazine	16.610	200	739965	58.508	ng		99
70) Pentachlorophenol	16.786	266	1161426	113.498	ng		99
71) Phenanthrene	17.180	178	4251041	58.906	ng		100
72) Anthracene	17.268	178	3694142	51.169	ng		99
73) Carbazole	17.533	167	3525760	53.606	ng		100
74) Di-n-butylphthalate	18.115	149	4601778	64.303	ng		100
75) Fluoranthene	19.192	202	4150751	54.540	ng		98
77) Benzidine	19.374	184	569686	16.433	ng		99
78) Pyrene	19.556	202	4405786	53.023	ng		100
80) Butylbenzylphthalate	20.468	149	1864215	67.260	ng		99
81) Benzo(a)anthracene	21.350	228	4155727	53.257	ng		99
82) 3,3'-Dichlorobenzidine	21.274	252	1261208	53.001	ng		99
83) Chrysene	21.415	228	3876537	52.227	ng		99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2857713	66.937	ng		100
85) Di-n-octyl phthalate	22.433	149	4670562	73.725	ng		100
87) Indeno(1,2,3-cd)pyrene	27.709	276	5066448	58.431	ng	#	93
88) Benzo(b)fluoranthene	23.415	252	4219935	53.897	ng		99
89) Benzo(k)fluoranthene	23.474	252	4143643	51.842	ng		100
90) Benzo(a)pyrene	24.209	252	4038417	54.859	ng		99
91) Dibenzo(a,h)anthracene	27.774	278	4134482	58.744	ng		99
92) Benzo(g,h,i)perylene	28.750	276	4114165	58.404	ng		98

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

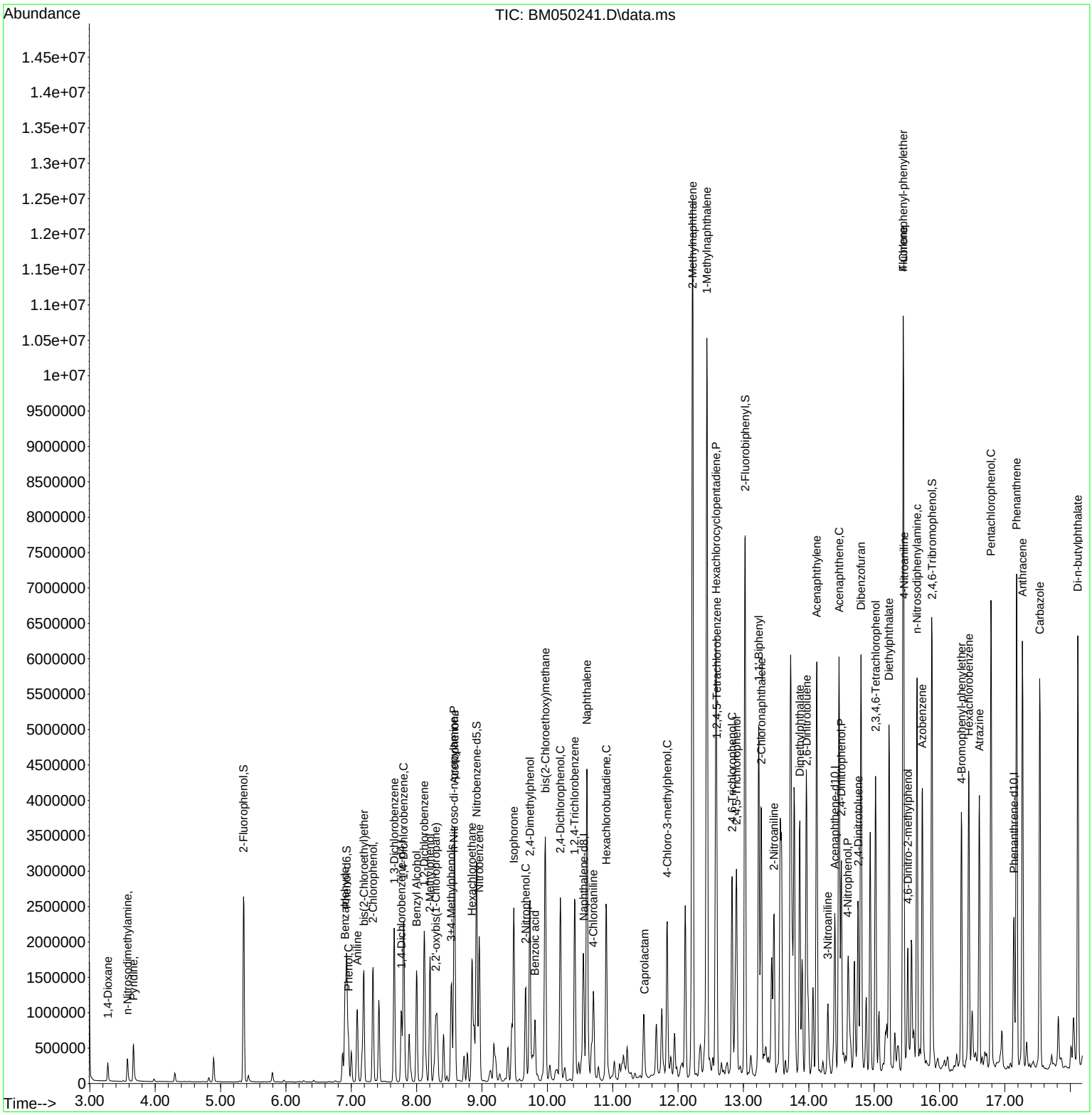
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050241.D
Acq On : 09 Jun 2025 14:08
Operator : RC/JU
Sample : Q2125-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 15:08:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050241.D
Acq On : 09 Jun 2025 14:08
Operator : RC/JU
Sample : Q2125-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 15:08:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
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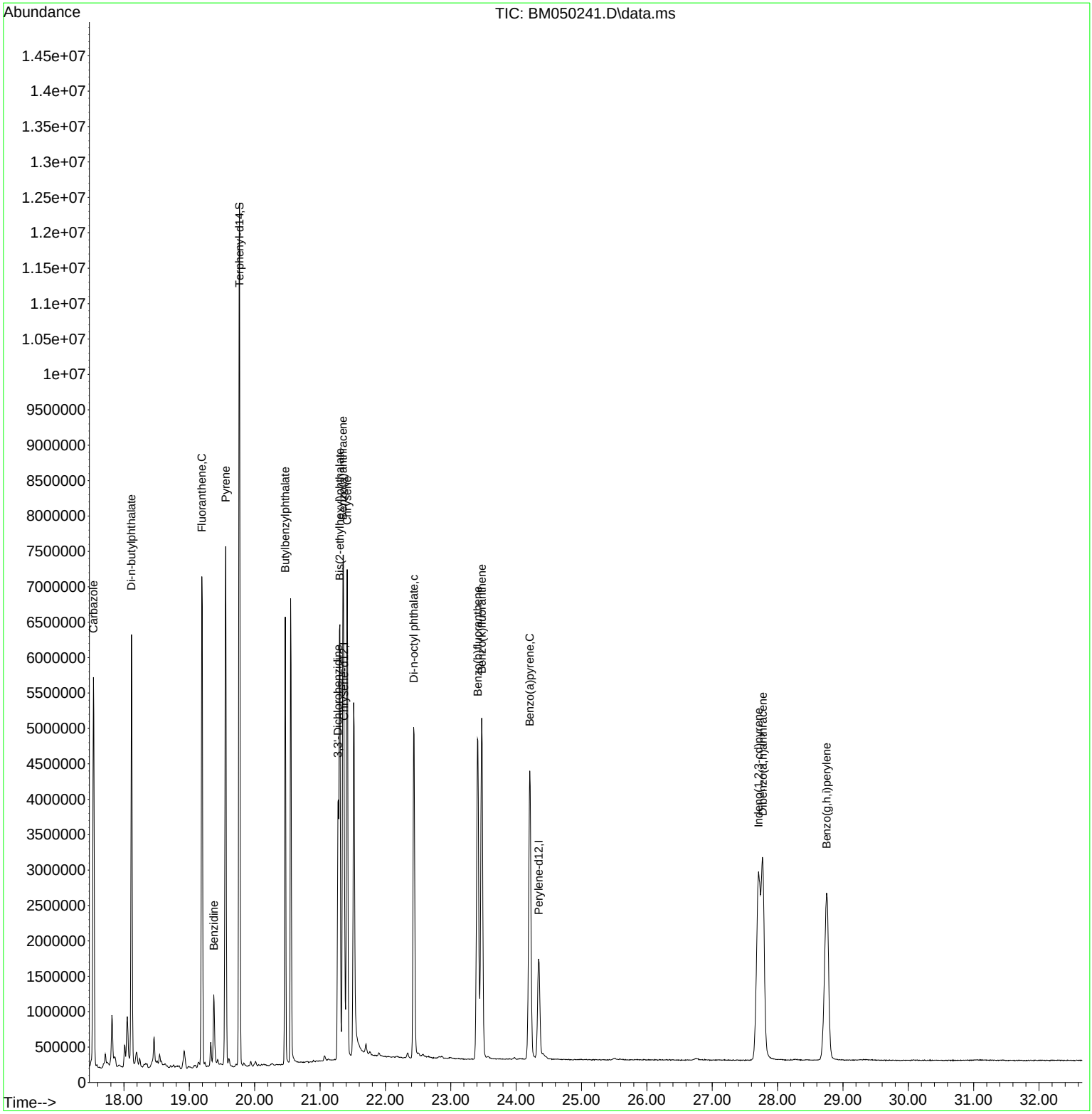


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050242.D
Acq On : 09 Jun 2025 14:47
Operator : RC/JU
Sample : Q2125-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 09 16:20:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	281877	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1107266	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	644595	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1197069	20.000	ng		0.00
76) Chrysene-d12	21.368	240	1175824	20.000	ng		0.00
86) Perylene-d12	24.344	264	1237452	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1211116	71.674	ng		0.00
7) Phenol-d6	6.928	99	1030995	46.349	ng		0.00
23) Nitrobenzene-d5	8.916	82	1959264	92.026	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1167405	159.225	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	4087466	85.850	ng		0.00
79) Terphenyl-d14	19.768	244	5823501	93.855	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	136315	18.404	ng		99
3) Pyridine	3.669	79	334703	17.449	ng		99
4) n-Nitrosodimethylamine	3.575	42	83869	21.145	ng	#	91
6) Aniline	7.092	93	693378	23.579	ng		99
8) 2-Chlorophenol	7.334	128	785509	42.262	ng		99
9) Benzaldehyde	6.904	77	505297	35.729	ng		97
10) Phenol	6.957	94	381059	16.191	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	908767	48.005	ng		98
12) 1,3-Dichlorobenzene	7.657	146	893261	42.989	ng		99
13) 1,4-Dichlorobenzene	7.804	146	923145	42.700	ng		99
14) 1,2-Dichlorobenzene	8.116	146	911084	44.206	ng		99
15) Benzyl Alcohol	7.998	79	535429	33.748	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	635679	48.338	ng		99
17) 2-Methylphenol	8.204	107	559356	36.019	ng		99
18) Hexachloroethane	8.845	117	435909	55.677	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	671445	49.326	ng		99
20) 3+4-Methylphenols	8.533	107	675295	32.503	ng		99
22) Acetophenone	8.581	105	1531014	55.346	ng		97
24) Nitrobenzene	8.957	77	977949	50.506	ng		99
25) Isophorone	9.486	82	1898052	51.652	ng		99
26) 2-Nitrophenol	9.669	139	451831	54.058	ng		99
27) 2,4-Dimethylphenol	9.733	122	817519	47.603	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	1220579	50.845	ng		100
29) 2,4-Dichlorophenol	10.204	162	807193	50.791	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	865818	48.958	ng		99
31) Naphthalene	10.604	128	3384046	59.112	ng		99
32) Benzoic acid	9.810	122	176121	16.318	ng		95
33) 4-Chloroaniline	10.704	127	667566	27.351	ng		99
34) Hexachlorobutadiene	10.904	225	513215	48.788	ng		99
35) Caprolactam	11.486	113	50996	10.121	ng		92
36) 4-Chloro-3-methylphenol	11.833	107	802313	47.312	ng		98
37) 2-Methylnaphthalene	12.221	142	5947123	172.199	ng		99
38) 1-Methylnaphthalene	12.439	142	4887345	133.330	ng		100
40) 1,2,4,5-Tetrachloroben...	12.592	216	953327	51.218	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1057601	93.561	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	659289	53.862	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050242.D
Acq On : 09 Jun 2025 14:47
Operator : RC/JU
Sample : Q2125-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 09 16:20:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	710689	52.881	ng		99
46) 1,1'-Biphenyl	13.233	154	2517319	52.155	ng		99
47) 2-Chloronaphthalene	13.274	162	1902019	50.688	ng		99
48) 2-Nitroaniline	13.468	65	493666	59.783	ng		98
49) Acenaphthylene	14.121	152	3125267	51.493	ng		98
50) Dimethylphthalate	13.863	163	2309291	52.973	ng		99
51) 2,6-Dinitrotoluene	13.968	165	475465	54.083	ng		94
52) Acenaphthene	14.463	154	2356807m	62.083	ng		
53) 3-Nitroaniline	14.292	138	272471	27.809	ng		98
54) 2,4-Dinitrophenol	14.498	184	581083	123.046	ng		96
55) Dibenzofuran	14.798	168	3107541	55.953	ng		98
56) 4-Nitrophenol	14.604	139	383346	45.968	ng		92
57) 2,4-Dinitrotoluene	14.757	165	692300	59.696	ng	#	95
58) Fluorene	15.445	166	2556767	60.106	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	622482	53.535	ng		91
60) Diethylphthalate	15.227	149	2438141	56.368	ng		99
61) 4-Chlorophenyl-phenyle...	15.445	204	1080680	52.566	ng		98
62) 4-Nitroaniline	15.457	138	475975	51.830	ng		97
63) Azobenzene	15.739	77	2230978	51.604	ng		96
65) 4,6-Dinitro-2-methylph...	15.515	198	376940	57.652	ng		99
66) n-Nitrosodiphenylamine	15.657	169	2023507	53.798	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	697999	54.679	ng		99
68) Hexachlorobenzene	16.451	284	789740	52.951	ng		96
69) Atrazine	16.609	200	702108	58.585	ng		98
70) Pentachlorophenol	16.786	266	1106939	114.156	ng		100
71) Phenanthrene	17.180	178	4099259	59.944	ng		99
72) Anthracene	17.268	178	3582894	52.373	ng		100
73) Carbazole	17.533	167	3368785	54.052	ng		100
74) Di-n-butylphthalate	18.115	149	4343044	64.044	ng		100
75) Fluoranthene	19.192	202	3982272	55.220	ng		99
77) Benzidine	19.374	184	665705	20.133	ng		99
78) Pyrene	19.556	202	4214773	53.183	ng		100
80) Butylbenzylphthalate	20.468	149	1809144	68.437	ng		99
81) Benzo(a)anthracene	21.350	228	3971807	53.367	ng		100
82) 3,3'-Dichlorobenzidine	21.274	252	1179338	51.963	ng		99
83) Chrysene	21.415	228	3707097	52.364	ng		99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2791744	68.560	ng		100
85) Di-n-octyl phthalate	22.433	149	4554629	75.379	ng		100
87) Indeno(1,2,3-cd)pyrene	27.709	276	4614589	57.916	ng		100
88) Benzo(b)fluoranthene	23.409	252	3972361	55.213	ng		99
89) Benzo(k)fluoranthene	23.474	252	3838081	52.257	ng		99
90) Benzo(a)pyrene	24.209	252	3724602	55.061	ng		99
91) Dibenzo(a,h)anthracene	27.768	278	3769168	58.279	ng		99
92) Benzo(g,h,i)perylene	28.744	276	3759055	58.072	ng		99

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

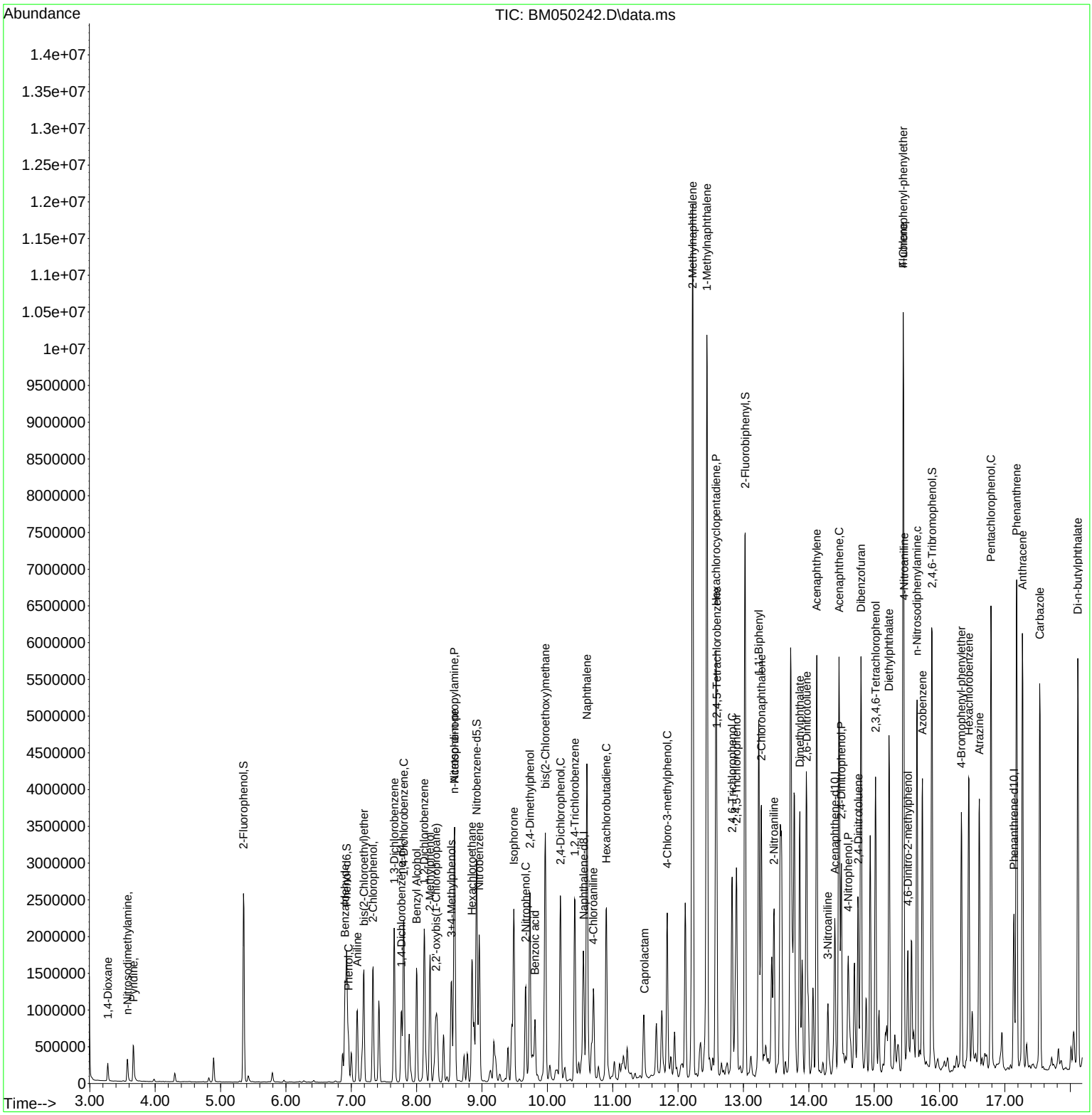
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050242.D
Acq On : 09 Jun 2025 14:47
Operator : RC/JU
Sample : Q2125-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 09 16:20:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



Sample Results: **BM050242.D**

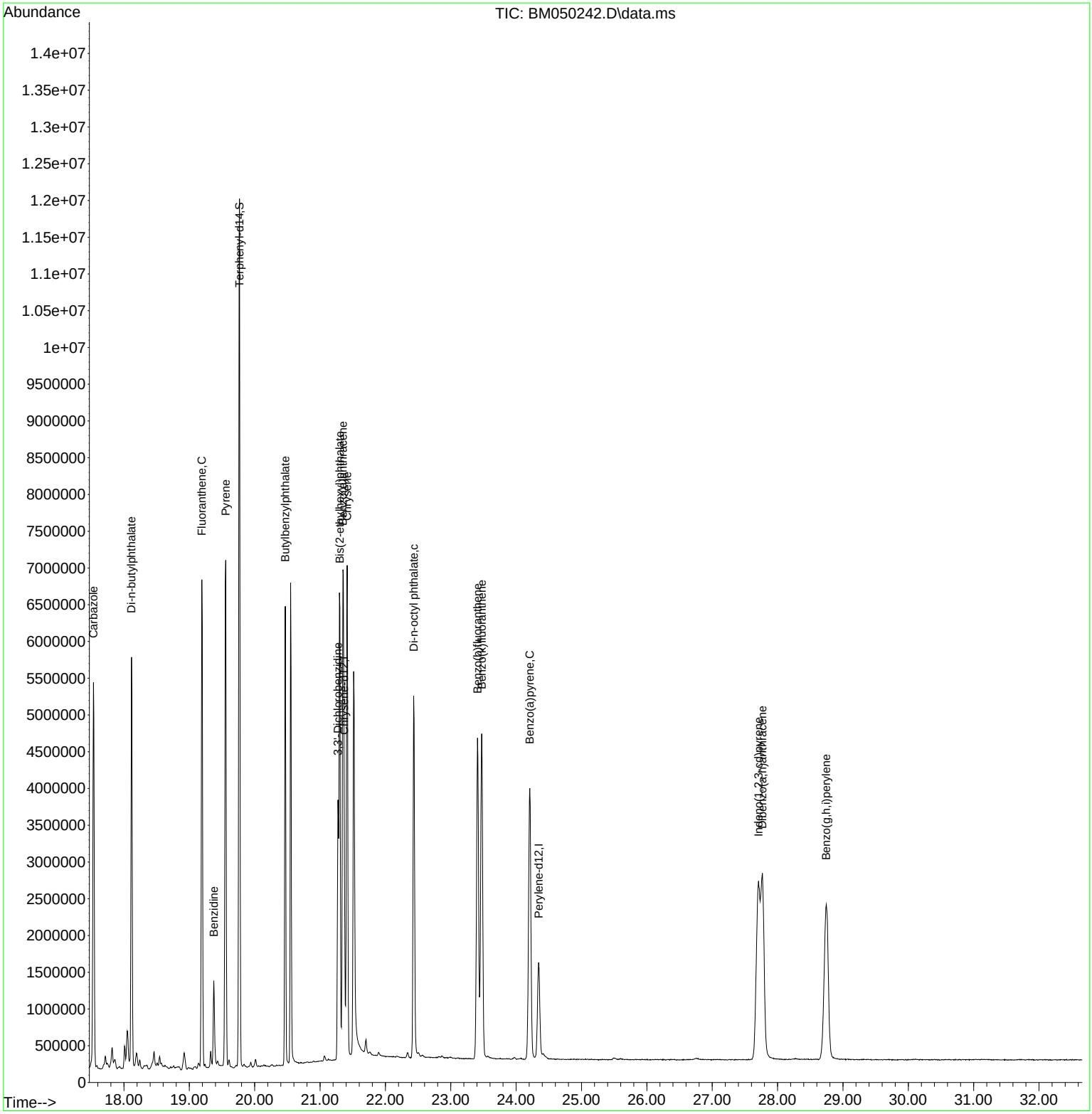
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050242.D
Acq On : 09 Jun 2025 14:47
Operator : RC/JU
Sample : Q2125-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 09 16:20:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GSB3MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



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Manual Integration Report

Sequence:	BM060525	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050195.D	2,3,4,6-Tetrachlorophenol	Rahul	6/6/2025 12:19:17 PM	Jagrut	6/6/2025 1:16:08 PM	Peak Integrated by Software
SSTDICC005	BM050195.D	Benzaldehyde	Rahul	6/6/2025 12:19:17 PM	Jagrut	6/6/2025 1:16:08 PM	Peak Integrated by Software
SSTDICC010	BM050196.D	2,3,4,6-Tetrachlorophenol	Rahul	6/5/2025 4:48:25 PM	Jagrut	6/6/2025 1:16:10 PM	Peak Integrated by Software
SSTDICC020	BM050197.D	Benzaldehyde	Rahul	6/6/2025 12:19:19 PM	Jagrut	6/6/2025 1:16:13 PM	Peak Integrated by Software
SSTDICCC040	BM050198.D	2,3,4,6-Tetrachlorophenol	Rahul	6/5/2025 4:48:28 PM	Jagrut	6/6/2025 1:16:15 PM	Peak Integrated by Software
SSTDICV040	BM050202.D	Benzaldehyde	Rahul	6/5/2025 4:48:30 PM	Jagrut	6/6/2025 1:16:18 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bm060925	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM050236.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:05 PM	Jagrut	6/10/2025 5:10:15 PM	Peak Integrated by Software
PB168340BS	BM050238.D	Acenaphthene	Rahul	6/10/2025 5:09:07 PM	Jagrut	6/10/2025 5:10:18 PM	Peak Integrated by Software
PB168340BS	BM050238.D	Caprolactam	Rahul	6/10/2025 5:09:07 PM	Jagrut	6/10/2025 5:10:18 PM	Peak Integrated by Software
Q2125-08MS	BM050241.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:10 PM	Jagrut	6/10/2025 5:10:21 PM	Peak Integrated by Software
Q2125-08MS	BM050241.D	Acenaphthene	Rahul	6/10/2025 5:09:10 PM	Jagrut	6/10/2025 5:10:21 PM	Peak Integrated by Software
Q2125-08MSD	BM050242.D	Acenaphthene	Rahul	6/10/2025 5:09:12 PM	Jagrut	6/10/2025 5:10:23 PM	Peak Integrated by Software
SSTDCCC040	BM050245.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:14 PM	Jagrut	6/10/2025 5:10:26 PM	Peak Integrated by Software
SSTDCCC040	BM050262.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:18 PM	Jagrut	6/10/2025 5:10:33 PM	Peak Integrated by Software

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060525

Review By	Rahul	Review On	6/6/2025 12:27:19 PM				
Supervise By	Jagrut	Supervise On	6/6/2025 1:16:37 PM				
SubDirectory	BM060525	HP Acquire Method	BNA_M		HP Processing Method	bm060525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050193.D	05 Jun 2025 08:40	RC/JU	Ok
2	SSTDICC2.5	BM050194.D	05 Jun 2025 09:20	RC/JU	Ok
3	SSTDICC005	BM050195.D	05 Jun 2025 09:59	RC/JU	Ok,M
4	SSTDICC010	BM050196.D	05 Jun 2025 10:38	RC/JU	Ok,M
5	SSTDICC020	BM050197.D	05 Jun 2025 11:17	RC/JU	Ok,M
6	SSTDICCC040	BM050198.D	05 Jun 2025 11:57	RC/JU	Ok,M
7	SSTDICC050	BM050199.D	05 Jun 2025 12:36	RC/JU	Ok
8	SSTDICC060	BM050200.D	05 Jun 2025 13:16	RC/JU	Ok
9	SSTDICC080	BM050201.D	05 Jun 2025 13:56	RC/JU	Ok
10	SSTDICV040	BM050202.D	05 Jun 2025 14:36	RC/JU	Ok,M
11	PB168224TB	BM050203.D	05 Jun 2025 16:35	RC/JU	Ok
12	SP6794	BM050204.D	05 Jun 2025 17:15	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM				
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM				
SubDirectory	BM060925	HP Acquire Method	BNA_M		HP Processing Method	BM060625	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050235.D	09 Jun 2025 10:07	RC/JU	Ok
2	SSTDCCC040	BM050236.D	09 Jun 2025 10:47	RC/JU	Ok,M
3	PB168340BL	BM050237.D	09 Jun 2025 11:26	RC/JU	Ok
4	PB168340BS	BM050238.D	09 Jun 2025 12:05	RC/JU	Ok,M
5	PB168340TB	BM050239.D	09 Jun 2025 12:44	RC/JU	Ok
6	Q2125-08	BM050240.D	09 Jun 2025 13:29	RC/JU	Ok
7	Q2125-08MS	BM050241.D	09 Jun 2025 14:08	RC/JU	Ok,M
8	Q2125-08MSD	BM050242.D	09 Jun 2025 14:47	RC/JU	Ok,M
9	Q2226-04	BM050243.D	09 Jun 2025 15:39	RC/JU	Ok
10	DFTPP	BM050244.D	09 Jun 2025 16:24	RC/JU	Ok
11	SSTDCCC040	BM050245.D	09 Jun 2025 17:03	RC/JU	Ok,M
12	PB168311TB	BM050246.D	09 Jun 2025 17:43	RC/JU	Ok
13	Q2227-04	BM050247.D	09 Jun 2025 18:22	RC/JU	Ok
14	Q2236-07	BM050248.D	09 Jun 2025 19:01	RC/JU	Ok
15	Q2228-04	BM050249.D	09 Jun 2025 19:40	RC/JU	Ok
16	Q2226-04MS	BM050250.D	09 Jun 2025 20:19	RC/JU	Ok,M
17	Q2226-04MSD	BM050251.D	09 Jun 2025 20:58	RC/JU	Ok
18	Q2235-03	BM050252.D	09 Jun 2025 21:38	RC/JU	Ok
19	Q2236-03	BM050253.D	09 Jun 2025 22:17	RC/JU	Ok
20	Q2236-11	BM050254.D	09 Jun 2025 22:56	RC/JU	Ok
21	Q2236-15	BM050255.D	09 Jun 2025 23:35	RC/JU	Ok

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM		
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM		
SubDirectory	BM060925	HP Acquire Method	BNA_M	HP Processing Method	BM060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2236-19	BM050256.D	10 Jun 2025 00:15	RC/JU	Ok,M
23	Q2241-04	BM050257.D	10 Jun 2025 00:54	RC/JU	Ok
24	Q2241-08	BM050258.D	10 Jun 2025 01:33	RC/JU	Ok
25	Q2260-04	BM050259.D	10 Jun 2025 02:12	RC/JU	Ok
26	Q2265-04	BM050260.D	10 Jun 2025 02:51	RC/JU	Ok
27	DFTPP	BM050261.D	10 Jun 2025 04:09	RC/JU	Ok
28	SSTDCCC040	BM050262.D	10 Jun 2025 04:48	RC/JU	Ok,M
29	PB168352BL	BM050263.D	10 Jun 2025 05:28	RC/JU	Ok
30	PB168352BS	BM050264.D	10 Jun 2025 06:07	RC/JU	Ok,M
31	PB168333TB	BM050265.D	10 Jun 2025 06:46	RC/JU	Ok
32	Q2242-04	BM050266.D	10 Jun 2025 07:25	RC/JU	Ok
33	Q2244-04	BM050267.D	10 Jun 2025 08:04	RC/JU	Ok
34	Q2266-04	BM050268.D	10 Jun 2025 08:43	RC/JU	Ok
35	Q2266-08	BM050269.D	10 Jun 2025 09:22	RC/JU	ReRun
36	Q2240-04	BM050270.D	10 Jun 2025 10:01	RC/JU	Ok
37	Q2240-08	BM050271.D	10 Jun 2025 10:41	RC/JU	Ok
38	Q2240-12	BM050272.D	10 Jun 2025 11:20	RC/JU	Ok
39	Q2231-02DL	BM050273.D	10 Jun 2025 11:59	RC/JU	Dilution
40	Q2202-03DL	BM050274.D	10 Jun 2025 12:38	RC/JU	Ok
41	Q2231-02DL2	BM050275.D	10 Jun 2025 13:28	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060525

Review By	Rahul	Review On	6/6/2025 12:27:19 PM		
Supervise By	Jagrut	Supervise On	6/6/2025 1:16:37 PM		
SubDirectory	BM060525	HP Acquire Method	BNA_M	HP Processing Method	bm060525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050193.D	05 Jun 2025 08:40		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050194.D	05 Jun 2025 09:20		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050195.D	05 Jun 2025 09:59	Compound #32,54,65,77 removed from 5PPM	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050196.D	05 Jun 2025 10:38	Compound #54 kept on QR	RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050197.D	05 Jun 2025 11:17		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050198.D	05 Jun 2025 11:57	The compound # 85 failed in the Calibration.	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM050199.D	05 Jun 2025 12:36		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050200.D	05 Jun 2025 13:16		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050201.D	05 Jun 2025 13:56	Compound #9 removed from 80PPM	RC/JU	Ok
10	SSTDICV040	ICVBM060525	BM050202.D	05 Jun 2025 14:36		RC/JU	Ok,M
11	PB168224TB	PB168224TB	BM050203.D	05 Jun 2025 16:35		RC/JU	Ok
12	SP6794	SP6794	BM050204.D	05 Jun 2025 17:15		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM		
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM		
SubDirectory	BM060925	HP Acquire Method	BNA_M	HP Processing Method	BM060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050235.D	09 Jun 2025 10:07		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050236.D	09 Jun 2025 10:47		RC/JU	Ok,M
3	PB168340BL	PB168340BL	BM050237.D	09 Jun 2025 11:26		RC/JU	Ok
4	PB168340BS	PB168340BS	BM050238.D	09 Jun 2025 12:05		RC/JU	Ok,M
5	PB168340TB	PB168340TB	BM050239.D	09 Jun 2025 12:44		RC/JU	Ok
6	Q2125-08	GSB3	BM050240.D	09 Jun 2025 13:29		RC/JU	Ok
7	Q2125-08MS	GSB3MS	BM050241.D	09 Jun 2025 14:08		RC/JU	Ok,M
8	Q2125-08MSD	GSB3MSD	BM050242.D	09 Jun 2025 14:47		RC/JU	Ok,M
9	Q2226-04	TP06-MHI-WC	BM050243.D	09 Jun 2025 15:39		RC/JU	Ok
10	DFTPP	DFTPP	BM050244.D	09 Jun 2025 16:24		RC/JU	Ok
11	SSTDCCC040	SSTDCCC040	BM050245.D	09 Jun 2025 17:03		RC/JU	Ok,M
12	PB168311TB	PB168311TB	BM050246.D	09 Jun 2025 17:43		RC/JU	Ok
13	Q2227-04	TP07-MHH-WC	BM050247.D	09 Jun 2025 18:22		RC/JU	Ok
14	Q2236-07	WC-A2-04-C	BM050248.D	09 Jun 2025 19:01		RC/JU	Ok
15	Q2228-04	TP08-MHI-WC	BM050249.D	09 Jun 2025 19:40		RC/JU	Ok
16	Q2226-04MS	TP06-MHI-WCMS	BM050250.D	09 Jun 2025 20:19		RC/JU	Ok,M
17	Q2226-04MSD	TP06-MHI-WCMSD	BM050251.D	09 Jun 2025 20:58		RC/JU	Ok
18	Q2235-03	WC-A2-08-C	BM050252.D	09 Jun 2025 21:38		RC/JU	Ok

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM		
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM		
SubDirectory	BM060925	HP Acquire Method	BNA_M	HP Processing Method	BM060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2236-03	WC-A4-05A-C	BM050253.D	09 Jun 2025 22:17		RC/JU	Ok
20	Q2236-11	WC-A2-05-C	BM050254.D	09 Jun 2025 22:56		RC/JU	Ok
21	Q2236-15	WC-A2-06-C	BM050255.D	09 Jun 2025 23:35		RC/JU	Ok
22	Q2236-19	WC-A2-07-C	BM050256.D	10 Jun 2025 00:15		RC/JU	Ok,M
23	Q2241-04	TP-N	BM050257.D	10 Jun 2025 00:54		RC/JU	Ok
24	Q2241-08	TP-S	BM050258.D	10 Jun 2025 01:33		RC/JU	Ok
25	Q2260-04	TP10-MHG-WC	BM050259.D	10 Jun 2025 02:12		RC/JU	Ok
26	Q2265-04	TP11-MHL-WC	BM050260.D	10 Jun 2025 02:51		RC/JU	Ok
27	DFTPP	DFTPP	BM050261.D	10 Jun 2025 04:09		RC/JU	Ok
28	SSTDCCC040	SSTDCCC040	BM050262.D	10 Jun 2025 04:48		RC/JU	Ok,M
29	PB168352BL	PB168352BL	BM050263.D	10 Jun 2025 05:28		RC/JU	Ok
30	PB168352BS	PB168352BS	BM050264.D	10 Jun 2025 06:07		RC/JU	Ok,M
31	PB168333TB	PB168333TB	BM050265.D	10 Jun 2025 06:46		RC/JU	Ok
32	Q2242-04	TP09-MHJ	BM050266.D	10 Jun 2025 07:25		RC/JU	Ok
33	Q2244-04	TP03-MHC	BM050267.D	10 Jun 2025 08:04		RC/JU	Ok
34	Q2266-04	WC-3	BM050268.D	10 Jun 2025 08:43		RC/JU	Ok
35	Q2266-08	WC-5	BM050269.D	10 Jun 2025 09:22	Internal Standard Failed & Surrogates failed for low IS recoveries.	RC/JU	ReRun
36	Q2240-04	TP-3	BM050270.D	10 Jun 2025 10:01		RC/JU	Ok

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

Review By	Rahul	Review On	6/10/2025 5:10:05 PM		
Supervise By	Jagrut	Supervise On	6/10/2025 5:10:49 PM		
SubDirectory	BM060925	HP Acquire Method	BNA_M	HP Processing Method	BM060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	Q2240-08	TP-2	BM050271.D	10 Jun 2025 10:41		RC/JU	Ok
38	Q2240-12	TP-1	BM050272.D	10 Jun 2025 11:20		RC/JU	Ok
39	Q2231-02DL	MW-14-20250604DL	BM050273.D	10 Jun 2025 11:59	Need further 5X dilution	RC/JU	Dilution
40	Q2202-03DL	MW-12-20250603DL	BM050274.D	10 Jun 2025 12:38		RC/JU	Ok
41	Q2231-02DL2	MW-14-20250604DL2	BM050275.D	10 Jun 2025 13:28		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

SPLP EXTRACTION LOGPAGE

PB168273

SOP ID : M1312-SPLP-10

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-2

TCLP Filter ID : 115525

Start Prep Date : 06/04/2025 **Time :** 15:00

End Prep Date : 06/05/2025 **Time :** 09:20

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ JP

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : 12

Standared Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
SPLP FLUID	WP112802	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
N/A	N/A	N/A
1 Liter Amber	N/A	90924-08
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

TUMBLER T-2 checked,30 rpm.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/05/25 11:30	JP 1ep Room	RS 1Ext
	Preparation Group	Analysis Group DOP

Alliance TECHNICAL GROUP

SPLP EXTRACTION LOGPAGE

PB168273

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168273TB	LEB273	17	N/A	2000	N/A	N/A	N/A	4.23	N/A	T-2
Q2125-08	GSB3	16	100.05	2000	N/A	N/A	N/A	5.0	N/A	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168273TB	LEB273	N/A	N/A	N/A	N/A	N/A	N/A
Q2125-08	GSB3	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

SPLP Fluid Determination

PB168273

Hot Block ID : N/A

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168273TB	LEB273	N/A	N/A	N/A	N/A	#1	4.23
Q2125-08	GSB3	N/A	N/A	N/A	N/A	#1	4.23

WORKLIST(Hardcopy Internal Chain)

WorkList Name : splp q2125 **WorkList ID :** 189937 **Department :** TCLP Extraction **Date :** 06-04-2025 13:17:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2125-08	GSB3	Solid	SPLP Extraction	1:1 HNO3 to pH < 2	GENV01		05/23/2025	1312

Date/Time 06/04/25 13:25

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 06/04/25 17:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168340

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 06/06/2025

Extraction Start Time : 09:15

Extraction End Date : 06/06/2025

Extraction End Time : 14:15

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	SP6794
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
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
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:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (Ext-Lab)	JY/SVOC
16:20	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168340

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 06/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168340BL	PB168340BL	SPLP BNA Group1	1000	6	RUPESH	ritesh	1			SEP-1
PB168340BS	PB168340BS	SPLP BNA Group1	1000	6	RUPESH	ritesh	1			2
PB168340TB	PB168340TB	SPLP BNA Group1	1000	6	RUPESH	ritesh	1			3
Q2125-08	GSB3	SPLP BNA Group1	1000	6	RUPESH	ritesh	1	A		4
Q2125-08MS	GSB3MS	SPLP BNA Group1	1000	6	RUPESH	ritesh	1	A		5
Q2125-08MSD	GSB3MSD	SPLP BNA Group1	1000	6	RUPESH	ritesh	1	A		6

RS 6/6

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

Alliance TECHNICAL GROUP

SPLP EXTRACTION LOGPAGE

PB168273

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168273TB	LEB273	17	N/A	2000	N/A	N/A	N/A	4.23	N/A	T-2
Q2125-08	GSB3	16	100.05	2000	N/A	N/A	N/A	5.0	N/A	T-2

06/05/25
11:30

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

LAB CHRONICLE

OrderID:	Q2125	**OrderDate:**	5/23/2025 11:50:35 AM
Client:	G Environmental	**Project:**	Seely
Contact:	Gary Landis	**Location:**	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2125-08	**GSB3**	**Water**			**05/23/25**			**05/23/25**
			SPLP BNA Group1	8270E		06/06/25	06/09/25	