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

Hit Summary Sheet
SW-846

SDG No.: Q2198

Client: Portal Partners Tri-Venture

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

SAMPLE DATA

Raw Data: **BM050226.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/05/25
Client Sample ID:	PB168271TB	SDG No.:	Q2198
Lab Sample ID:	PB168271TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050226.D	1	06/05/25 11:44	06/06/25 23:22	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	132		15 (23) - 110 (138)	88%	SPK: 150
13127-88-3	Phenol-d6	124		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.0		30 (67) - 130 (132)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.0		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		15 (44) - 110 (137)	85%	SPK: 150
1718-51-0	Terphenyl-d14	82.3		30 (42) - 130 (152)	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	359000	7.787			
1146-65-2	Naphthalene-d8	1360000	10.575			
15067-26-2	Acenaphthene-d10	777000	14.41			
1517-22-2	Phenanthrene-d10	1430000	17.151			
1719-03-5	Chrysene-d12	1250000	21.374			
1520-96-3	Perylene-d12	1260000	24.362			

Raw Data: **BM050226.D**

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/05/25
Client Sample ID:	PB168271TB	SDG No.:	Q2198
Lab Sample ID:	PB168271TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050226.D	1	06/05/25 11:44	06/06/25 23:22	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **BM050229.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050229.D	1	06/05/25 11:44	06/07/25 01:21	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	132		15 (23) - 110 (138)	88%	SPK: 150
13127-88-3	Phenol-d6	119		15 (10) - 110 (134)	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.8		30 (67) - 130 (132)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.2		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	81.9		30 (42) - 130 (152)	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	344000	7.787			
1146-65-2	Naphthalene-d8	1330000	10.575			
15067-26-2	Acenaphthene-d10	732000	14.41			
1517-22-2	Phenanthrene-d10	1300000	17.151			
1719-03-5	Chrysene-d12	1200000	21.374			
1520-96-3	Perylene-d12	1240000	24.356			

Raw Data: **BM050229.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050229.D	1	06/05/25 11:44	06/07/25 01:21	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **BM050230.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/01/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-04	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050230.D	1	06/05/25 11:44	06/07/25 02:01	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	125		15 (23) - 110 (138)	83%	SPK: 150
13127-88-3	Phenol-d6	108		15 (10) - 110 (134)	72%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.9		30 (67) - 130 (132)	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.4		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	129		15 (44) - 110 (137)	86%	SPK: 150
1718-51-0	Terphenyl-d14	86.6		30 (42) - 130 (152)	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	299000	7.787			
1146-65-2	Naphthalene-d8	1130000	10.575			
15067-26-2	Acenaphthene-d10	622000	14.41			
1517-22-2	Phenanthrene-d10	1120000	17.145			
1719-03-5	Chrysene-d12	1050000	21.374			
1520-96-3	Perylene-d12	1140000	24.356			

Raw Data: **BM050230.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/01/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-04	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050230.D	1	06/05/25 11:44	06/07/25 02:01	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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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.: Q2198

Client: Portal Partners Tri-Venture

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168271TB	PB168271TB	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	124	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.0	79		30 (67)	130 (132)
		2-Fluorobiphenyl	100	80.0	80		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	128	85		15 (44)	110 (137)
		Terphenyl-d14	100	82.3	82		30 (42)	130 (152)
PB168314BL	PB168314BL	2-Fluorophenol	150	135	90		15 (23)	110 (138)
		Phenol-d6	150	125	84		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.9	80		30 (67)	130 (132)
		2-Fluorobiphenyl	100	81.4	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	125	83		15 (44)	110 (137)
		Terphenyl-d14	100	81.8	82		30 (42)	130 (152)
PB168314BS	PB168314BS	2-Fluorophenol	150	126	84		15 (23)	110 (138)
		Phenol-d6	150	118	79		15 (10)	110 (134)
		Nitrobenzene-d5	100	76.8	77		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.0	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	125	83		15 (44)	110 (137)
		Terphenyl-d14	100	77.0	77		30 (42)	130 (152)
Q2194-02MS	COMP-12MS	2-Fluorophenol	150	119	79		15 (23)	110 (138)
		Phenol-d6	150	109	73		15 (10)	110 (134)
		Nitrobenzene-d5	100	79.1	79		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.0	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	122	82		15 (44)	110 (137)
		Terphenyl-d14	100	77.3	77		30 (42)	130 (152)
Q2194-02MSD	COMP-12MSD	2-Fluorophenol	150	124	83		15 (23)	110 (138)
		Phenol-d6	150	112	75		15 (10)	110 (134)
		Nitrobenzene-d5	100	83.2	83		30 (67)	130 (132)
		2-Fluorobiphenyl	100	79.4	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	130	87		15 (44)	110 (137)
		Terphenyl-d14	100	79.4	79		30 (42)	130 (152)
Q2198-02	B-202-SB02	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	119	79		15 (10)	110 (134)
		Nitrobenzene-d5	100	80.8	81		30 (67)	130 (132)
		2-Fluorobiphenyl	100	76.2	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	125	83		15 (44)	110 (137)
		Terphenyl-d14	100	81.9	82		30 (42)	130 (152)
Q2198-04	B-207-SB02	2-Fluorophenol	150	125	83		15 (23)	110 (138)
		Phenol-d6	150	108	72		15 (10)	110 (134)
		Nitrobenzene-d5	100	82.9	83		30 (67)	130 (132)
		2-Fluorobiphenyl	100	78.4	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	129	86		15 (44)	110 (137)
		Terphenyl-d14	100	86.6	87		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2198

Client: Portal Partners Tri-Venture

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2194-02MS		**Client Sample ID: COMP-12MS**						**DataFile: BM050213.D**			
Pyridine	500	0	350	ug/L	70				20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	310	ug/L	62	*			70 (55)	130 (125)	
2-Methylphenol	500	0	420	ug/L	84				70 (60)	130 (131)	
3+4-Methylphenols	500	0	420	ug/L	84				20 (54)	160 (136)	
Hexachloroethane	500	0	300	ug/L	60				20 (19)	160 (146)	
Nitrobenzene	500	0	430	ug/L	86				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	340	ug/L	68	*			70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	460	ug/L	92				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	460	ug/L	92				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	470	ug/L	94				70 (74)	130 (137)	
Hexachlorobenzene	500	0	460	ug/L	92				70 (72)	130 (115)	
Pentachlorophenol	1000	0	920	ug/L	92				20 (52)	160 (162)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2198

Client: Portal Partners Tri-Venture

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2194-02MSD		**Client Sample ID:** COMP-12MSD						**DataFile:** BM050214.D			
Pyridine	500	0	370	ug/L	74		6		20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	320	ug/L	64	*	3		70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	440	ug/L	88		5		70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	0	440	ug/L	88		5		20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	320	ug/L	64		6		20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	450	ug/L	90		5		70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	380	ug/L	76		11		70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	490	ug/L	98		6		70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	490	ug/L	98		6		70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	500	ug/L	100		6		70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	480	ug/L	96		4		70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	950	ug/L	95		3		20 (52)	160 (162)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2198

Client: Portal Partners Tri-Venture

Analytical Method: 8270E **DataFile:** BM050225.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168314BS	Pyridine	50	37.5	ug/L	75				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	40.5	ug/L	81				70 (76)	130 (103)	
	2-Methylphenol	50	40.9	ug/L	82				70 (69)	130 (109)	
	3+4-Methylphenols	50	40.5	ug/L	81				20 (67)	160 (106)	
	Hexachloroethane	50	42.1	ug/L	84				20 (76)	160 (118)	
	Nitrobenzene	50	44.3	ug/L	89				70 (58)	130 (106)	
	Hexachlorobutadiene	50	42.0	ug/L	84				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	44.7	ug/L	89				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	44.1	ug/L	88				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	46.7	ug/L	93				70 (60)	130 (115)	
	Hexachlorobenzene	50	44.0	ug/L	88				70 (73)	130 (106)	
	Pentachlorophenol	100	93.1	ug/L	93				20 (47)	160 (114)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168314BL

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

Lab File ID: BM050224.D Lab Sample ID: PB168314BL

Instrument ID: BNA_M Date Extracted: 06/05/2025

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

Level: (low/med) LOW Time Analyzed: 22:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
COMP-12MS	Q2194-02MS	BM050213.D	06/06/2025
COMP-12MSD	Q2194-02MSD	BM050214.D	06/06/2025
PB168314BS	PB168314BS	BM050225.D	06/06/2025
B-202-SB02	Q2198-02	BM050229.D	06/07/2025
B-207-SB02	Q2198-04	BM050230.D	06/07/2025
PB168271TB	PB168271TB	BM050226.D	06/06/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM SAS No.: Q2198 SDG NO.: Q2198

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: PORT06

Lab Code: CHEM SAS No.: Q2198 SDG NO.: Q2198

Lab File ID: BM050205.D DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_M DFTPP Injection Time: 08:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	19.3
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.7
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	6.8
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.2 (19.4) 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	BM050206.D	06/06/2025	09:29
COMP-12MS	Q2194-02MS	BM050213.D	06/06/2025	14:06
COMP-12MSD	Q2194-02MSD	BM050214.D	06/06/2025	14:46

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM SAS No.: Q2198 SDG NO.: Q2198

Lab File ID: BM050222.D DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_M DFTPP Injection Time: 20:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.3
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	39.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.9
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.8 (19.5) 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	BM050223.D	06/06/2025	21:23
PB168314BL	PB168314BL	BM050224.D	06/06/2025	22:03
PB168314BS	PB168314BS	BM050225.D	06/06/2025	22:42
PB168271TB	PB168271TB	BM050226.D	06/06/2025	23:22
B-202-SB02	Q2198-02	BM050229.D	06/07/2025	01:21
B-207-SB02	Q2198-04	BM050230.D	06/07/2025	02:01

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

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

Lab File ID: BM050206.D Time Analyzed: 09:29

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	295242	7.787	1183110	10.58	689122	14.42
	UPPER LIMIT	590484	8.287	2366220	11.075	1378240	14.916
	LOWER LIMIT	147621	7.287	591555	10.075	344561	13.916
	EPA SAMPLE NO.						
01	COMP-12MS	348615	7.79	1377430	10.58	768114	14.42
02	COMP-12MSD	346679	7.79	1352850	10.58	758249	14.42

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

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

Lab File ID: BM050206.D Time Analyzed: 09:29

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	1340070	17.151	1418640	21.386	1586720	24.368
	UPPER LIMIT	2680140	17.651	2837280	21.886	3173440	24.868
	LOWER LIMIT	670035	16.651	709320	20.886	793360	23.868
	EPA SAMPLE NO.						
01	COMP-12MS	1293380	17.15	1106420	21.38	1212630	24.37
02	COMP-12MSD	1299390	17.15	1138990	21.38	1259320	24.37

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

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

Lab File ID: BM050223.D Time Analyzed: 21:23

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	279322	7.786	1074650	10.58	577654	14.41
	UPPER LIMIT	558644	8.286	2149300	11.075	1155310	14.91
	LOWER LIMIT	139661	7.286	537325	10.075	288827	13.91
	EPA SAMPLE NO.						
01	PB168271TB	358609	7.79	1359940	10.58	776933	14.41
02	PB168314BL	315983	7.79	1181140	10.58	658679	14.41
03	PB168314BS	327404	7.79	1240220	10.58	678136	14.41
04	B-202-SB02	344497	7.79	1326490	10.58	732372	14.41
05	B-207-SB02	299355	7.79	1125870	10.58	622474	14.41

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.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

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

Lab File ID: BM050223.D Time Analyzed: 21:23

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	1020060	17.151	1029160	21.38	1065460	24.362
	UPPER LIMIT	2040120	17.651	2058320	21.88	2130920	24.862
	LOWER LIMIT	510030	16.651	514580	20.88	532730	23.862
	EPA SAMPLE NO.						
01	PB168271TB	1434190	17.15	1254580	21.37	1261320	24.36
02	PB168314BL	1198310	17.15	1134030	21.37	1193800	24.36
03	PB168314BS	1205400	17.15	1198190	21.37	1311490	24.36
04	B-202-SB02	1299490	17.15	1203450	21.37	1242720	24.36
05	B-207-SB02	1119240	17.15	1048290	21.37	1143100	24.36

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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168314BL	SDG No.:	Q2198
Lab Sample ID:	PB168314BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050224.D	1	06/05/25 11:44	06/06/25 22:03	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	135		15 (23) - 110 (138)	90%	SPK: 150
13127-88-3	Phenol-d6	125		15 (10) - 110 (134)	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.9		30 (67) - 130 (132)	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.4		30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	81.8		30 (42) - 130 (152)	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	316000	7.786			
1146-65-2	Naphthalene-d8	1180000	10.575			
15067-26-2	Acenaphthene-d10	659000	14.41			
1517-22-2	Phenanthrene-d10	1200000	17.145			
1719-03-5	Chrysene-d12	1130000	21.374			
1520-96-3	Perylene-d12	1190000	24.356			

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Report of Analysis

Client:	Portal Partners Tri-Venture			Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025			Date Received:	
Client Sample ID:	PB168314BL			SDG No.:	Q2198
Lab Sample ID:	PB168314BL			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
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
BM050224.D	1	06/05/25 11:44	06/06/25 22:03	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168314BS	SDG No.:	Q2198
Lab Sample ID:	PB168314BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050225.D	1	06/05/25 11:44	06/06/25 22:42	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	37.5		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	40.5		0.53	5.00	ug/L
95-48-7	2-Methylphenol	40.9		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	40.5		1.10	10.0	ug/L
67-72-1	Hexachloroethane	42.1		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.3		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.0		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	44.7		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.1		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	46.7		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	44.0		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	93.1	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	126		15 (23) - 110 (138)	84%	SPK: 150
13127-88-3	Phenol-d6	118		15 (10) - 110 (134)	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.8		30 (67) - 130 (132)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.0		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		15 (44) - 110 (137)	83%	SPK: 150
1718-51-0	Terphenyl-d14	77.0		30 (42) - 130 (152)	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	327000	7.787			
1146-65-2	Naphthalene-d8	1240000	10.575			
15067-26-2	Acenaphthene-d10	678000	14.41			
1517-22-2	Phenanthrene-d10	1210000	17.151			
1719-03-5	Chrysene-d12	1200000	21.374			
1520-96-3	Perylene-d12	1310000	24.362			

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Report of Analysis

Client:	Portal Partners Tri-Venture			Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025			Date Received:	
Client Sample ID:	PB168314BS			SDG No.:	Q2198
Lab Sample ID:	PB168314BS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
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
BM050225.D	1	06/05/25 11:44	06/06/25 22:42	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **BM050213.D**

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/03/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	COMP-12MS	SDG No.:	Q2198
Lab Sample ID:	Q2194-02MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050213.D	1	06/05/25 11:44	06/06/25 14:06	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	350		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	310		5.30	50.0	ug/L
95-48-7	2-Methylphenol	420		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	420		11.0	100	ug/L
67-72-1	Hexachloroethane	300		6.50	50.0	ug/L
98-95-3	Nitrobenzene	430		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	340		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	460		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	460		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	470		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	460		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	920	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	119		15 (23) - 110 (138)	79%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.1		30 (67) - 130 (132)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.0		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	122		15 (44) - 110 (137)	82%	SPK: 150
1718-51-0	Terphenyl-d14	77.3		30 (42) - 130 (152)	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	349000	7.787			
1146-65-2	Naphthalene-d8	1380000	10.575			
15067-26-2	Acenaphthene-d10	768000	14.416			
1517-22-2	Phenanthrene-d10	1290000	17.151			
1719-03-5	Chrysene-d12	1110000	21.38			
1520-96-3	Perylene-d12	1210000	24.368			

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

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	06/03/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	06/03/25	
Client Sample ID:	COMP-12MS		SDG No.:	Q2198	
Lab Sample ID:	Q2194-02MS		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100 Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BM050213.D	1	06/05/25 11:44	06/06/25 14:06	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/03/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	COMP-12MSD	SDG No.:	Q2198
Lab Sample ID:	Q2194-02MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BM050214.D	1	06/05/25 11:44	06/06/25 14:46	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	370		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	320		5.30	50.0	ug/L
95-48-7	2-Methylphenol	440		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	440		11.0	100	ug/L
67-72-1	Hexachloroethane	320		6.50	50.0	ug/L
98-95-3	Nitrobenzene	450		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	380		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	490		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	490		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	500		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	480		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	950	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	124		15 (23) - 110 (138)	83%	SPK: 150
13127-88-3	Phenol-d6	112		15 (10) - 110 (134)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.2		30 (67) - 130 (132)	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.4		30 (52) - 130 (132)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		15 (44) - 110 (137)	87%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		30 (42) - 130 (152)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	347000	7.786			
1146-65-2	Naphthalene-d8	1350000	10.575			
15067-26-2	Acenaphthene-d10	758000	14.415			
1517-22-2	Phenanthrene-d10	1300000	17.151			
1719-03-5	Chrysene-d12	1140000	21.38			
1520-96-3	Perylene-d12	1260000	24.368			

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Report of Analysis

Client:	Portal Partners Tri-Venture			Date Collected:	06/03/25
Project:	Amtrak Sawtooth Bridges 2025			Date Received:	06/03/25
Client Sample ID:	COMP-12MSD			SDG No.:	Q2198
Lab Sample ID:	Q2194-02MSD			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
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
BM050214.D	1	06/05/25 11:44	06/06/25 14:46	PB168314

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
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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

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG No.: Q2198

Instrument ID: BNA_M Calibration Date/Time: 06/06/2025 09:29

Lab File ID: BM050206.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
Pyridine	1.361	1.358		-0.2	
2-Fluorophenol	1.199	1.202		0.3	
Phenol-d6	1.578	1.546		-2.0	
1,4-Dichlorobenzene	1.534	1.457		-5.0	20.0
2-Methylphenol	1.102	1.055		-4.3	
3+4-Methylphenols	1.474	1.406		-4.6	
Nitrobenzene-d5	0.385	0.379		-1.6	
Hexachloroethane	0.555	0.534		-3.8	
Nitrobenzene	0.350	0.343		-2.0	
Hexachlorobutadiene	0.190	0.177		-6.8	20.0
2,4,6-Trichlorophenol	0.380	0.368		-3.2	20.0
2-Fluorobiphenyl	1.477	1.393		-5.7	
2,4,5-Trichlorophenol	0.417	0.407		-2.4	
2,4-Dinitrotoluene	0.360	0.386		7.2	
2,4,6-Tribromophenol	0.227	0.225		-0.9	
Hexachlorobenzene	0.249	0.231		-7.2	
Pentachlorophenol	0.162	0.161		-0.6	20.0
Terphenyl-d14	1.055	0.942		-10.7	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG No.: Q2198

Instrument ID: BNA_M Calibration Date/Time: 06/06/2025 21:23

Lab File ID: BM050223.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
Pyridine	1.361	1.385		1.8	
2-Fluorophenol	1.199	1.211		1.0	
Phenol-d6	1.578	1.509		-4.4	
1,4-Dichlorobenzene	1.534	1.456		-5.1	20.0
2-Methylphenol	1.102	1.030		-6.5	
3+4-Methylphenols	1.474	1.350		-8.4	
Nitrobenzene-d5	0.385	0.383		-0.5	
Hexachloroethane	0.555	0.553		-0.4	
Nitrobenzene	0.350	0.352		0.6	
Hexachlorobutadiene	0.190	0.178		-6.3	20.0
2,4,6-Trichlorophenol	0.380	0.368		-3.2	20.0
2-Fluorobiphenyl	1.477	1.470		-0.5	
2,4,5-Trichlorophenol	0.417	0.402		-3.6	
2,4-Dinitrotoluene	0.360	0.337		-6.4	
2,4,6-Tribromophenol	0.227	0.216		-4.8	
Hexachlorobenzene	0.249	0.244		-2.0	
Pentachlorophenol	0.162	0.221		36.4	20.0
Terphenyl-d14	1.055	1.019		-3.4	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050226.D
Acq On : 06 Jun 2025 23:22
Operator : RC/JU
Sample : PB168271TB
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168271TB

Quant Time: Jun 07 01:22:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	358609	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1359938	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	776933	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1434193	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1254575	20.000	ng	-0.01
86) Perylene-d12	24.362	264	1261316	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2842427	132.221	ng	0.00
7) Phenol-d6	6.951	99	3513251	124.146	ng	0.00
23) Nitrobenzene-d5	8.934	82	2064741	78.962	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	1128266	127.674	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	4591404	80.008	ng	-0.01
79) Terphenyl-d14	19.774	244	5446768	82.273	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050226.D
Acq On : 06 Jun 2025 23:22
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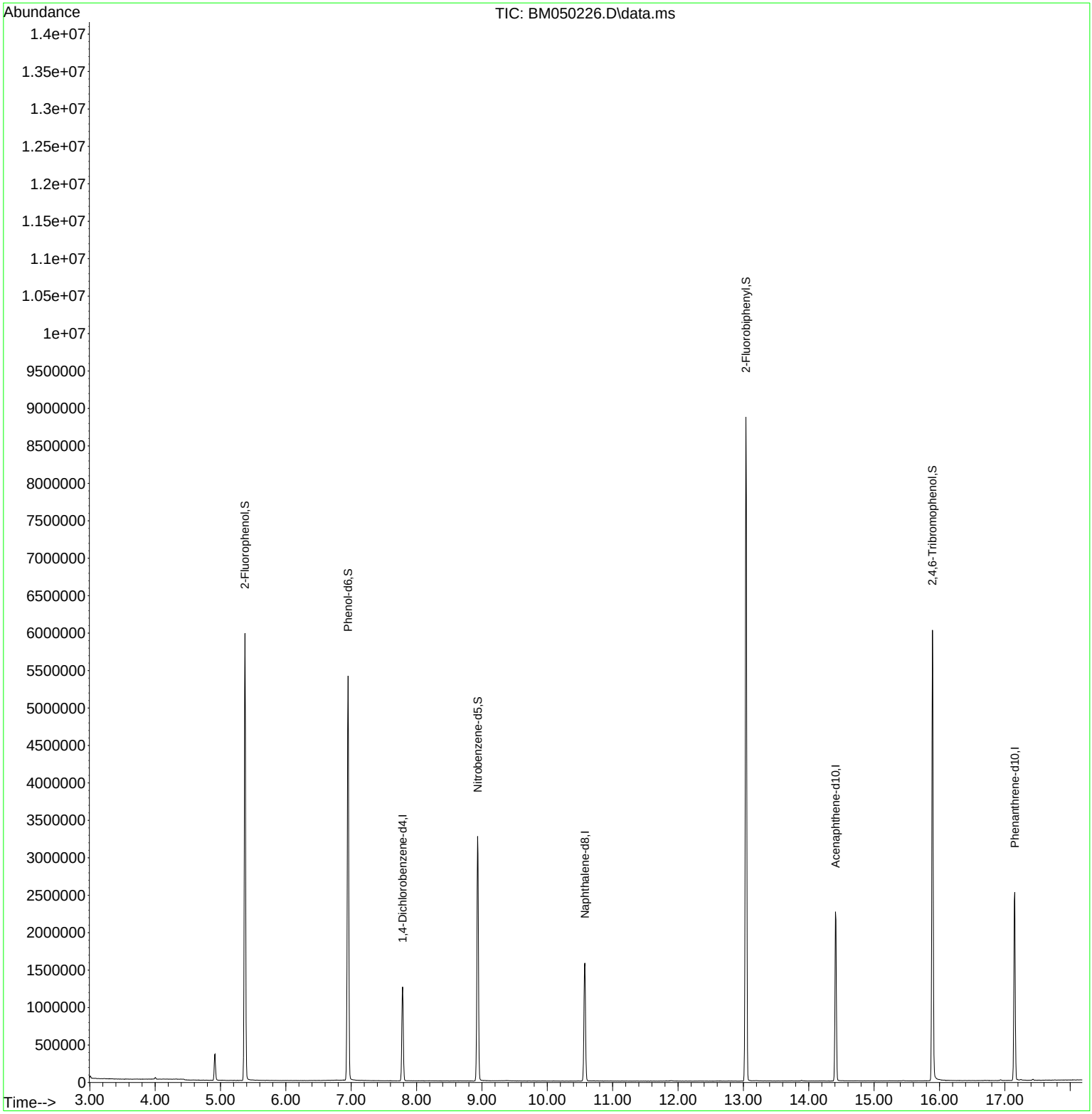
Instrument :
BNA_M
ClientSampleId :
PB168271TB

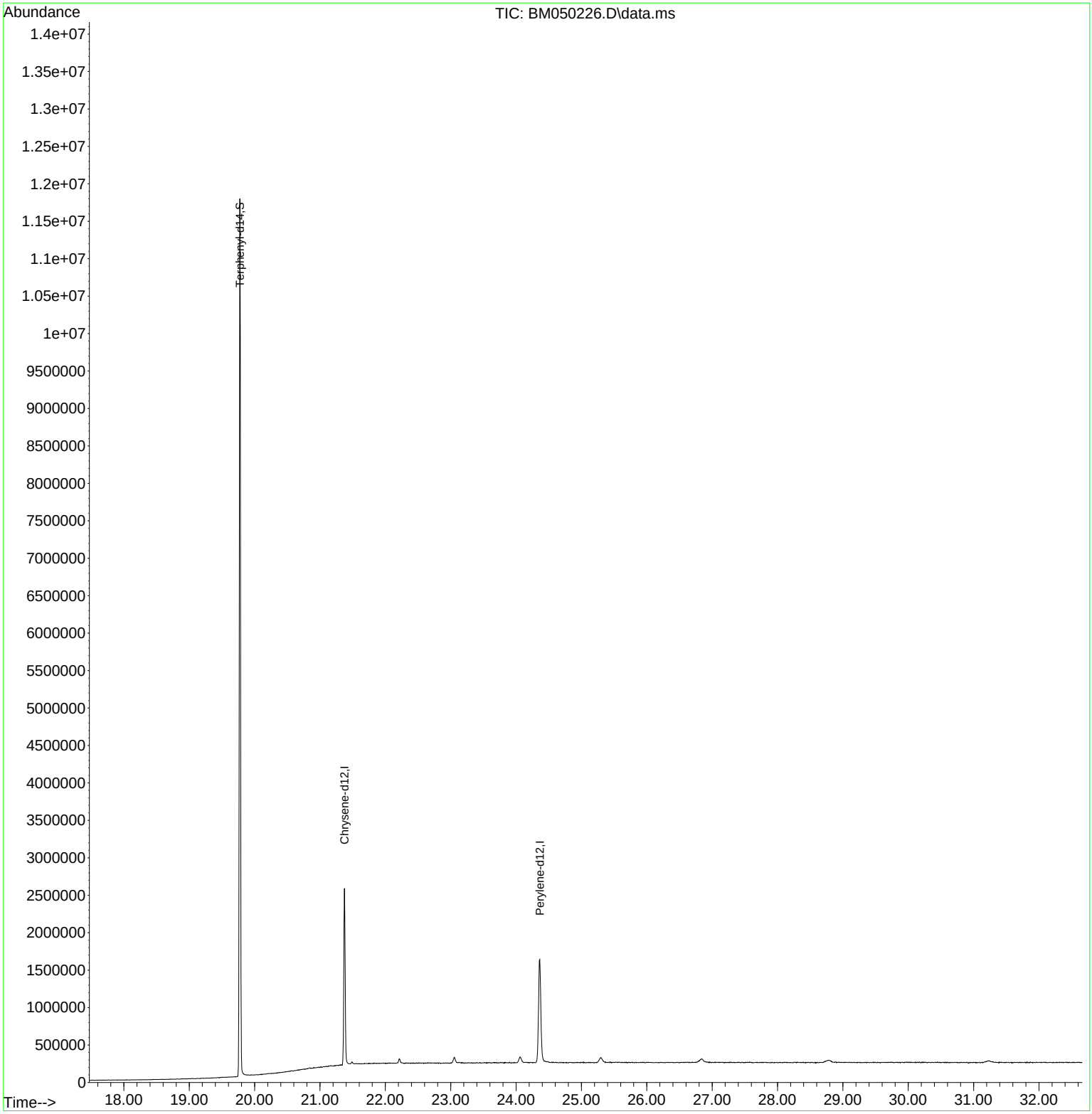
Quant Time: Jun 07 01:22:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

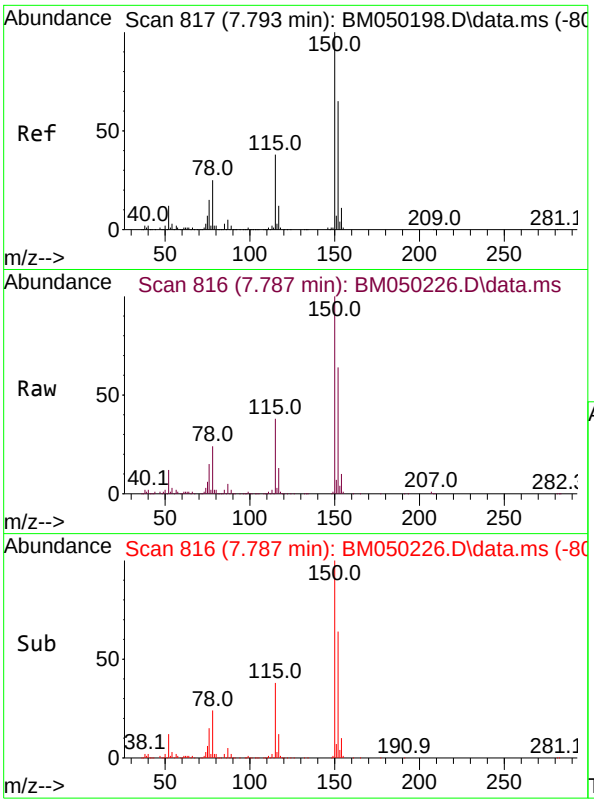


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050226.D
Acq On : 06 Jun 2025 23:22
Operator : RC/JU
Sample : PB168271TB
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168271TB

Quant Time: Jun 07 01:22:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



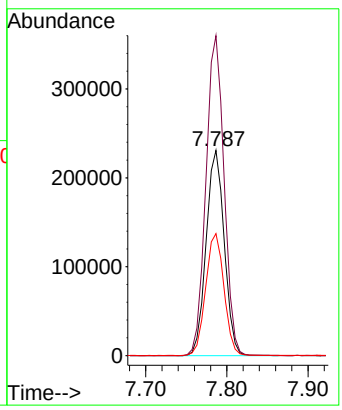


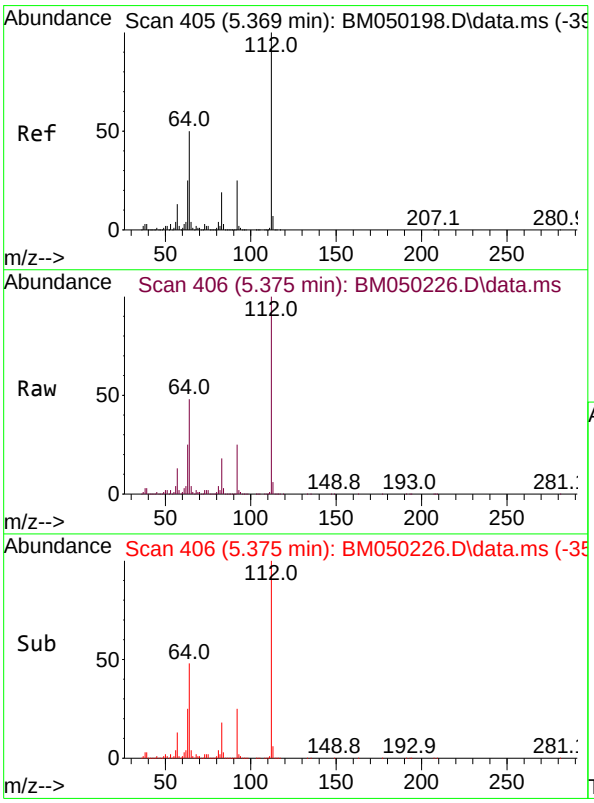
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Instrument :
BNA_M
ClientSampleId :
PB168271TB

Tgt Ion:152 Resp: 358609

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.2	183.4
115	59.5	46.3	69.5

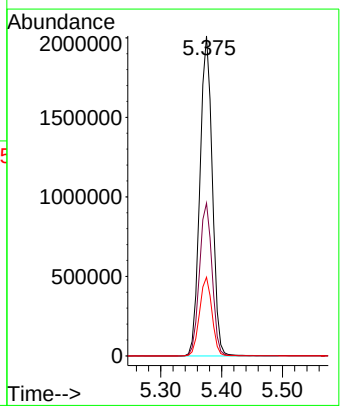


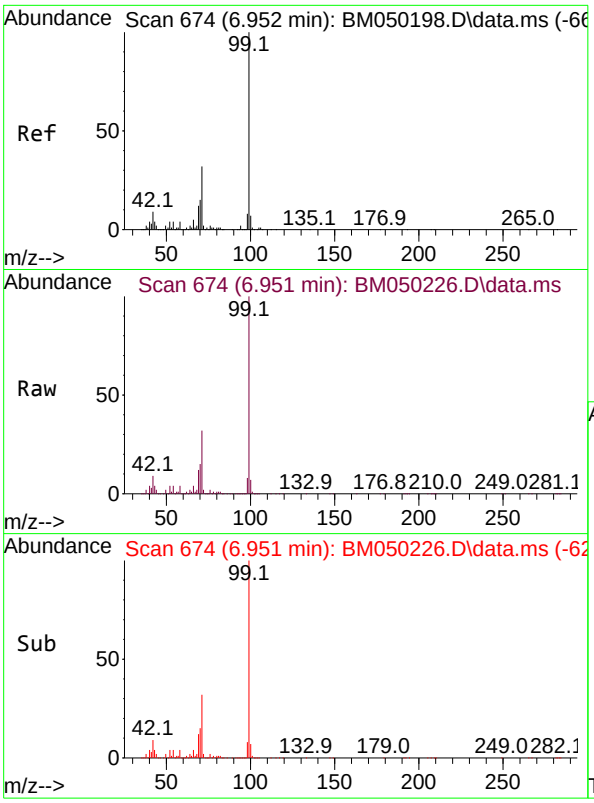


#5
2-Fluorophenol
Concen: 132.221 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Tgt Ion:112 Resp: 2842427

Ion	Ratio	Lower	Upper
112	100		
64	47.7	39.8	59.6
63	24.6	19.8	29.8



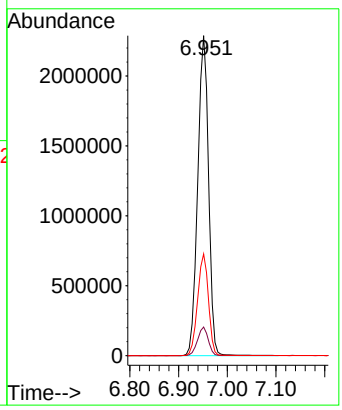


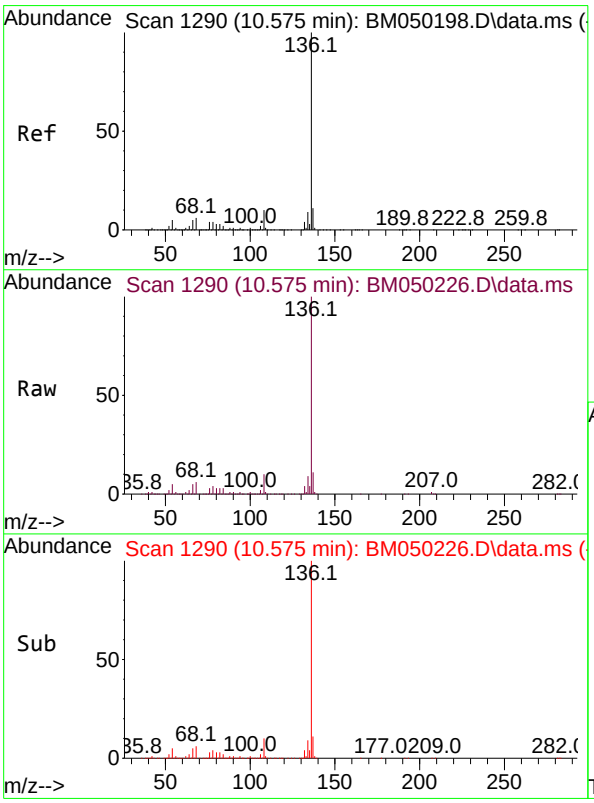
#7
Phenol-d6
Concen: 124.146 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Instrument :
BNA_M
ClientSampleId :
PB168271TB

Tgt Ion: 99 Resp: 3513251

Ion	Ratio	Lower	Upper
99	100		
42	8.9	6.9	10.3
71	31.8	25.3	37.9

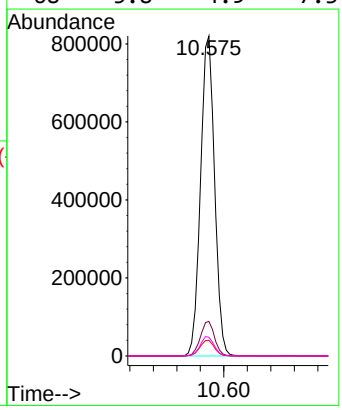


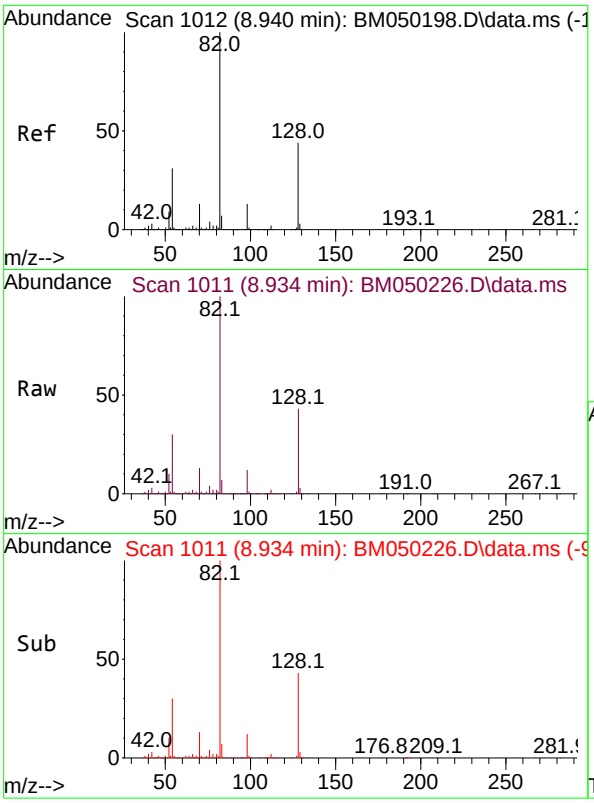


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Tgt Ion:136 Resp: 1359938

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.9	3.8	5.8
68	5.8	4.9	7.3



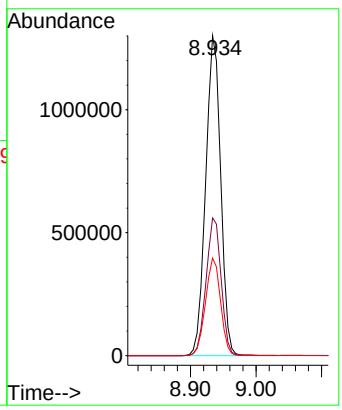


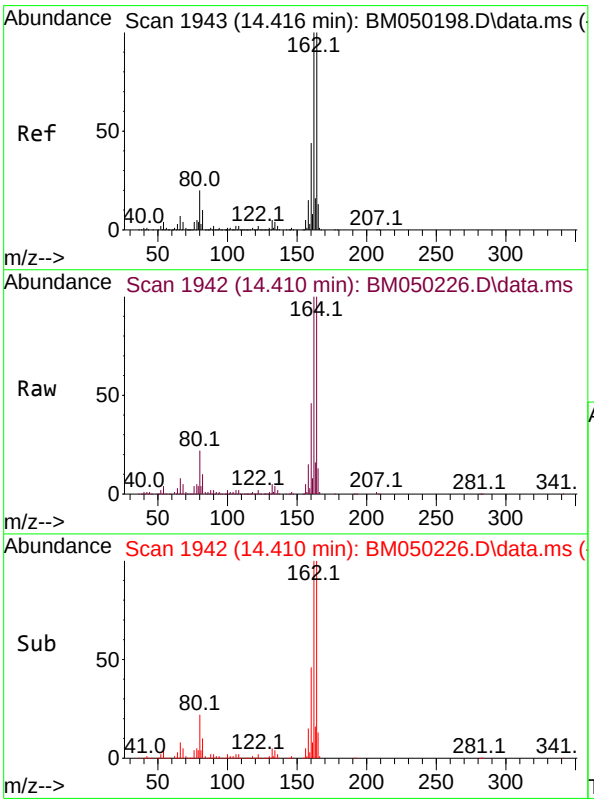
#23
Nitrobenzene-d5
Concen: 78.962 ng
RT: 8.934 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Instrument :
BNA_M
ClientSampleId :
PB168271TB

Tgt Ion: 82 Resp: 2064741

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.2	52.8
54	30.5	24.5	36.7

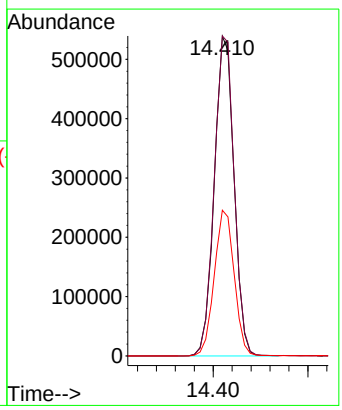


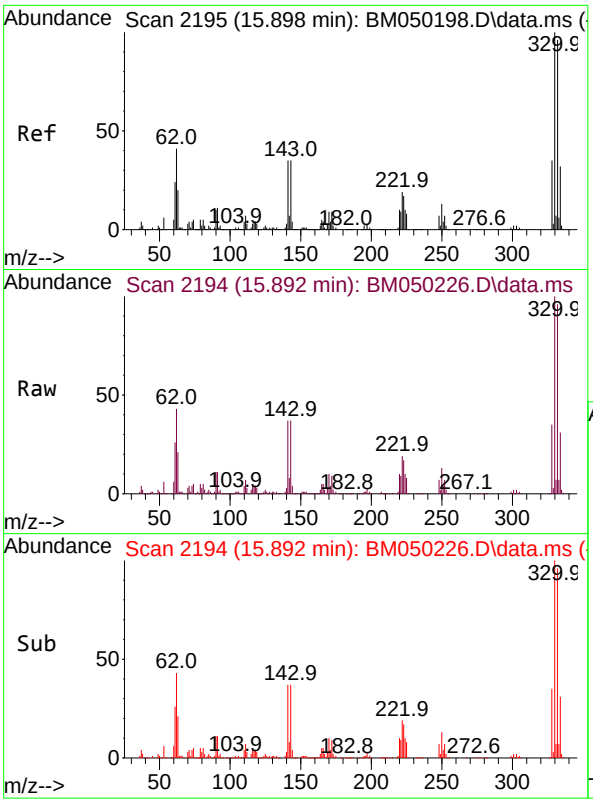


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Tgt Ion:164 Resp: 776933

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.4
160	45.6	35.7	53.5



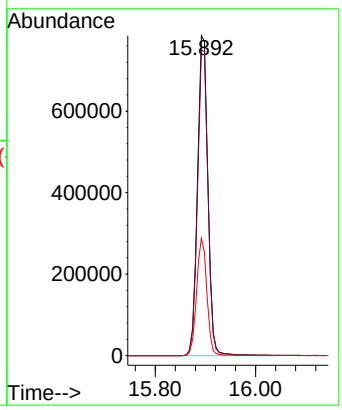


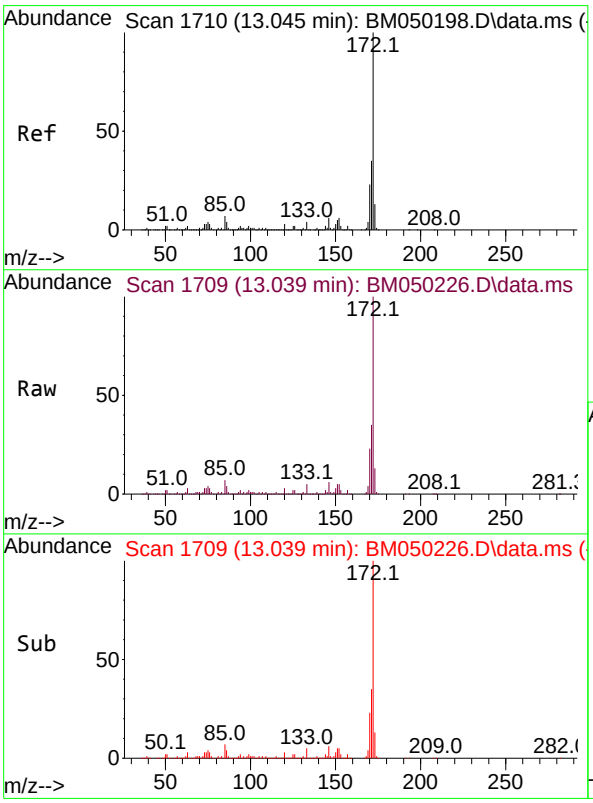
#42
2,4,6-Tribromophenol
Concen: 127.674 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Instrument :
BNA_M
ClientSampleId :
PB168271TB

Tgt Ion:330 Resp: 1128266

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.5	116.3
141	36.4	28.8	43.2

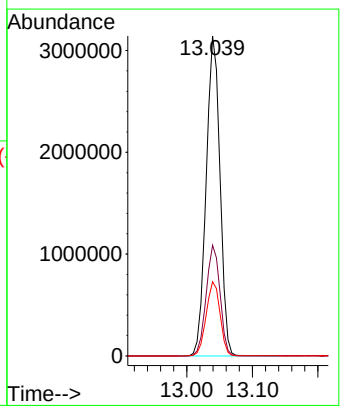


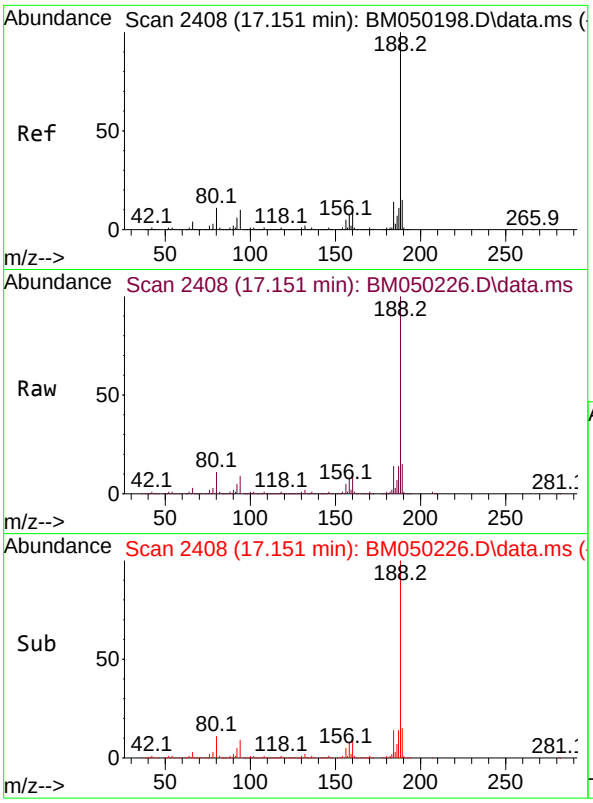


#45
2-Fluorobiphenyl
Concen: 80.008 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Tgt Ion:172 Resp: 4591404

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	27.8



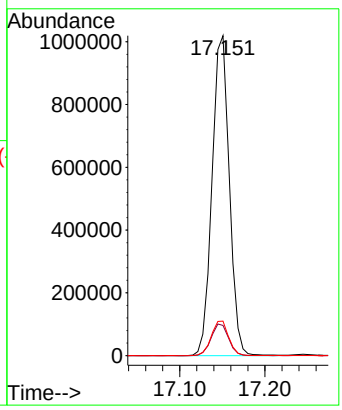


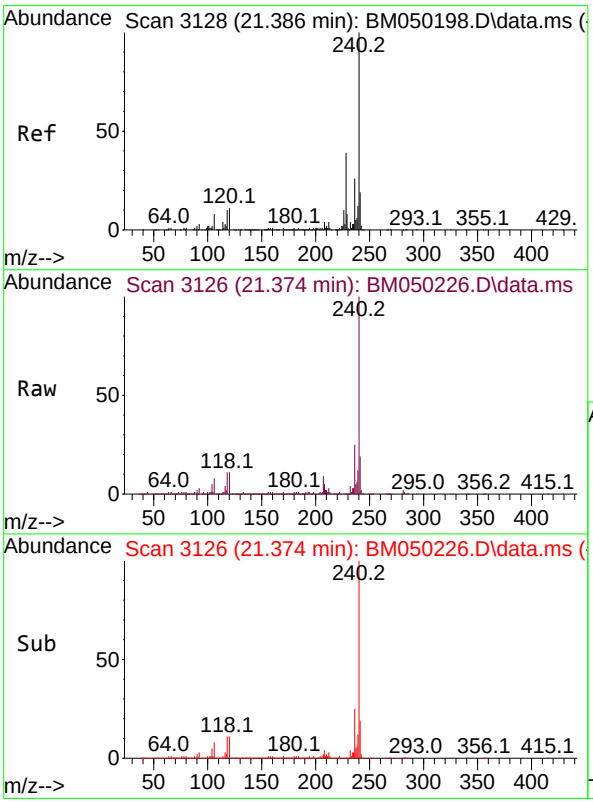
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Instrument :
BNA_M
ClientSampleId :
PB168271TB

Tgt Ion:188 Resp: 1434193

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.1	12.1
80	10.8	8.6	13.0

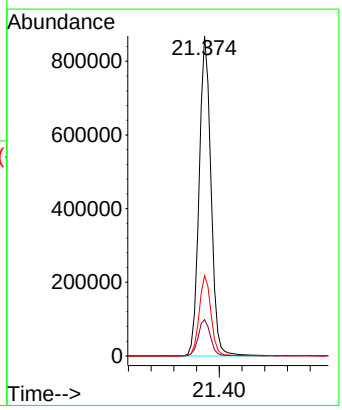


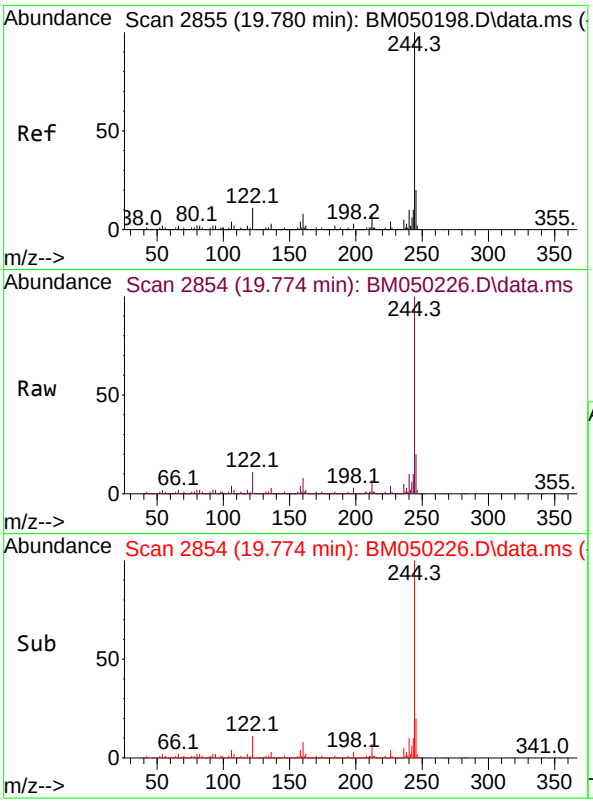


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Tgt Ion:240 Resp: 1254575

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.4
236	25.1	20.7	31.1



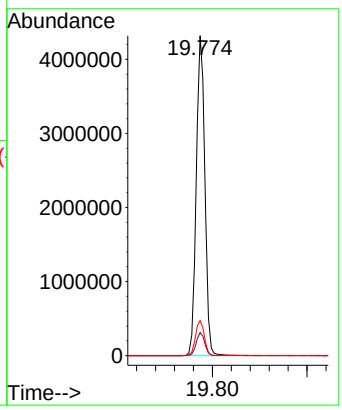


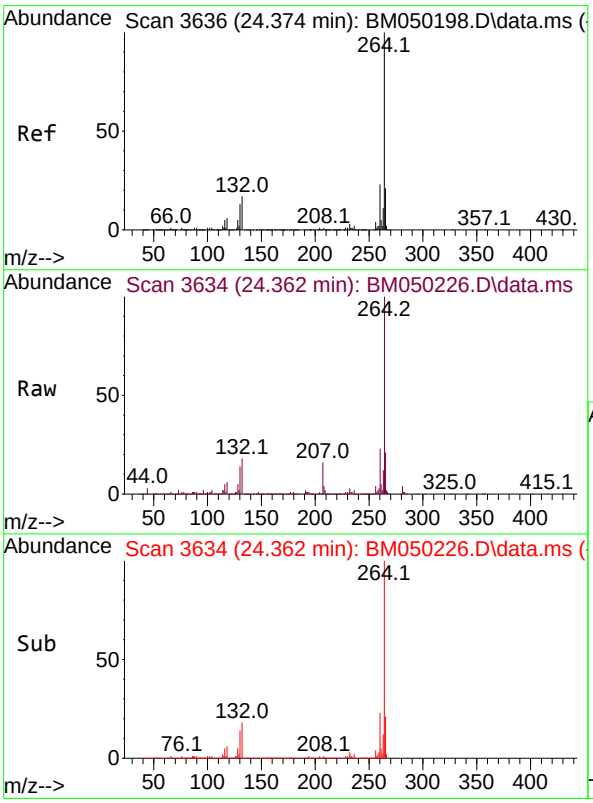
#79
Terphenyl-d14
Concen: 82.273 ng
RT: 19.774 min Scan# 28
Delta R.T. -0.012 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Instrument :
BNA_M
ClientSampleId :
PB168271TB

Tgt Ion:244 Resp: 5446768

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.9	8.6	12.8

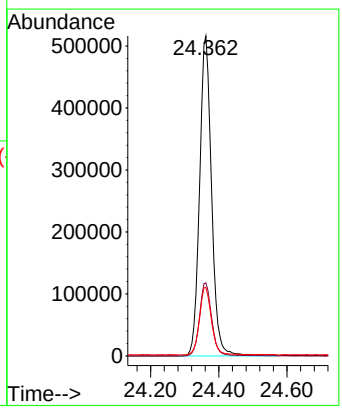




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.362 min Scan# 3634
Delta R.T. -0.012 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Tgt Ion:264 Resp: 1261316

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.4	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050229.D
Acq On : 07 Jun 2025 01:21
Operator : RC/JU
Sample : Q2198-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-202-SB02

Quant Time: Jun 07 03:28:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
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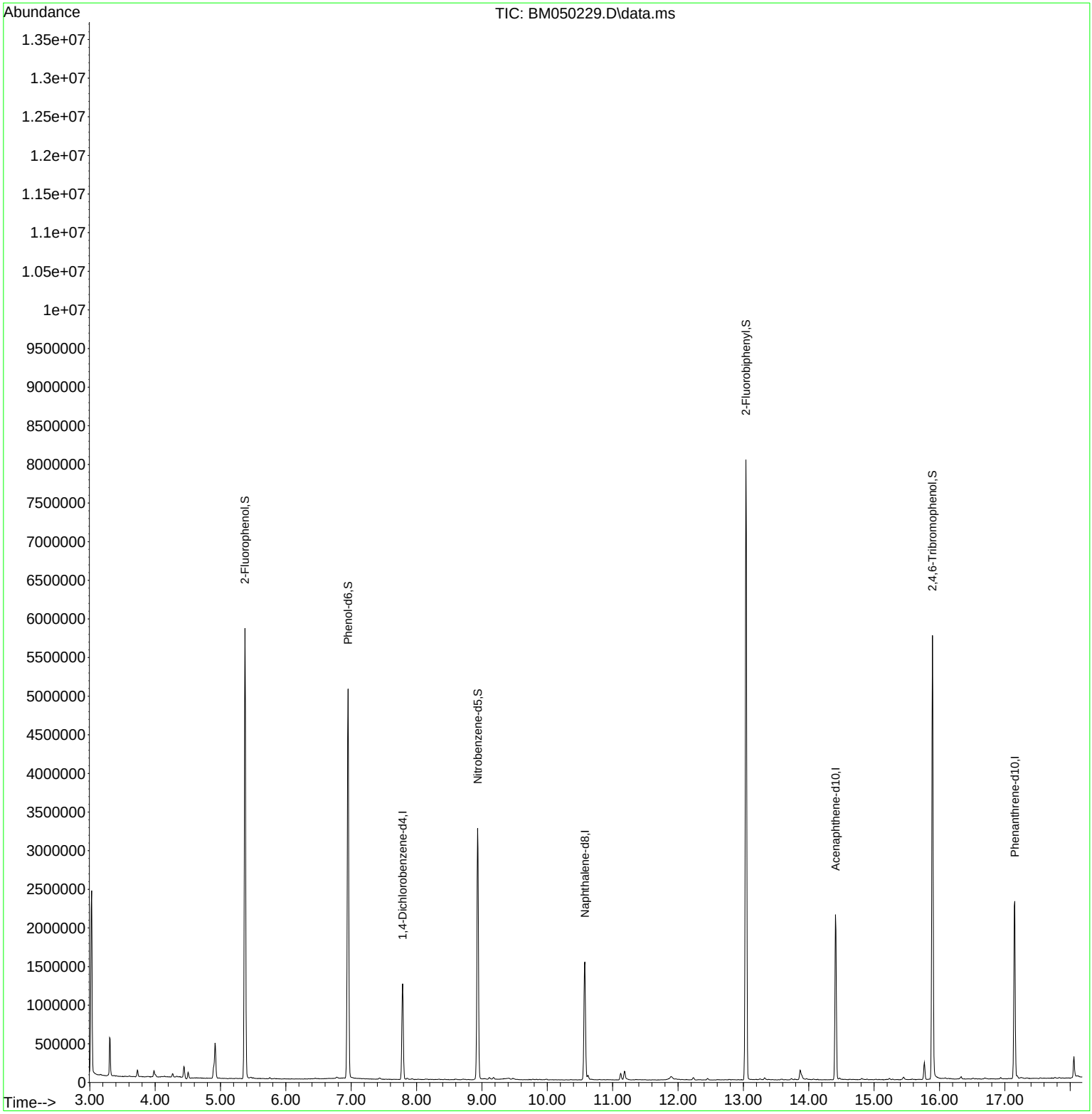
21) Naphthalene-d8	10.575	136	1326486	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	732372	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1299493	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1203452	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1242718	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2727743	132.084	ng	0.00
7) Phenol-d6	6.951	99	3224738	118.618	ng	0.00
23) Nitrobenzene-d5	8.934	82	2060347	80.781	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	1038444	124.660	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	4124414	76.243	ng	-0.01
79) Terphenyl-d14	19.774	244	5203647	81.940	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050229.D
Acq On : 07 Jun 2025 01:21
Operator : RC/JU
Sample : Q2198-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-202-SB02

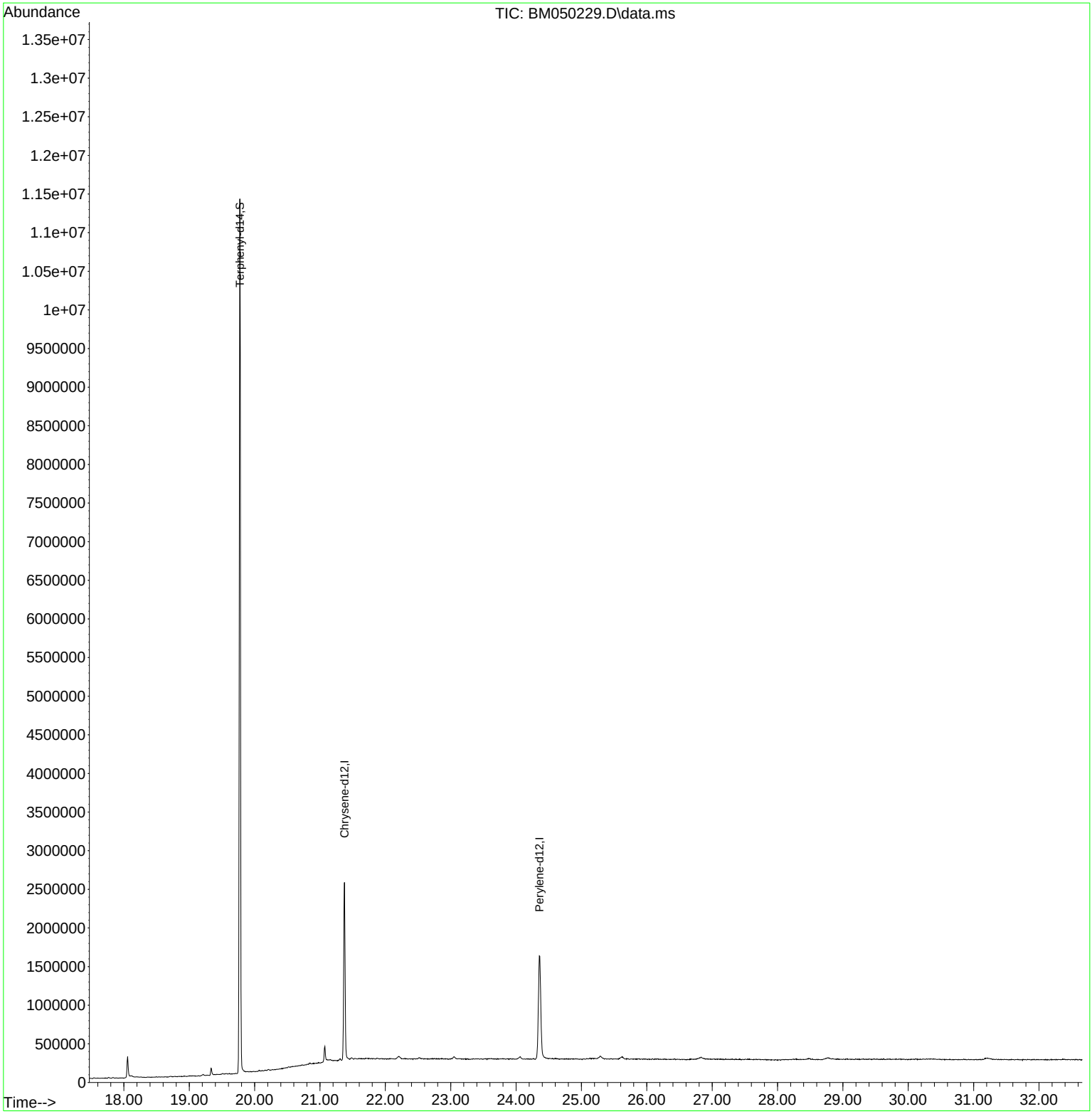
Quant Time: Jun 07 03:28:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

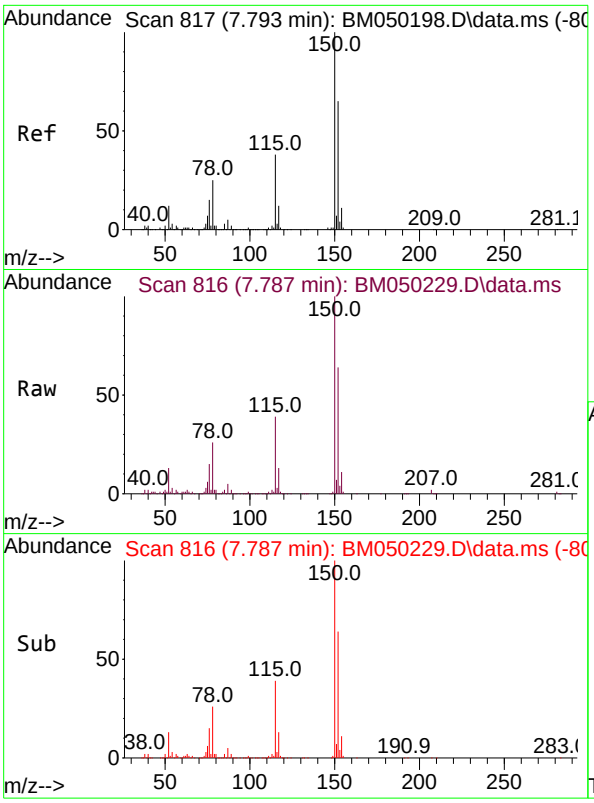


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050229.D
Acq On : 07 Jun 2025 01:21
Operator : RC/JU
Sample : Q2198-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-202-SB02

Quant Time: Jun 07 03:28:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



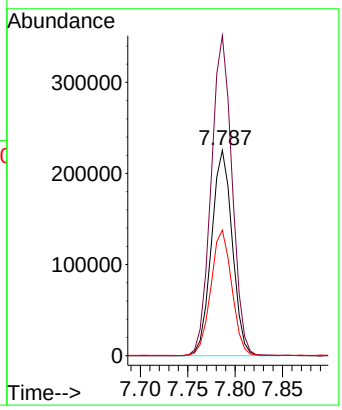


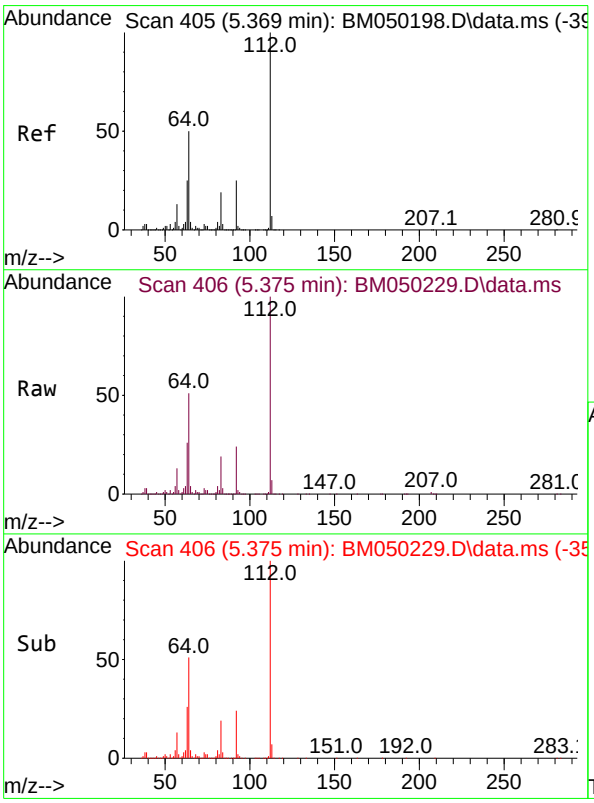
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Instrument :
BNA_M
ClientSampleId :
B-202-SB02

Tgt Ion:152 Resp: 344497

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.2	183.4
115	61.2	46.3	69.5

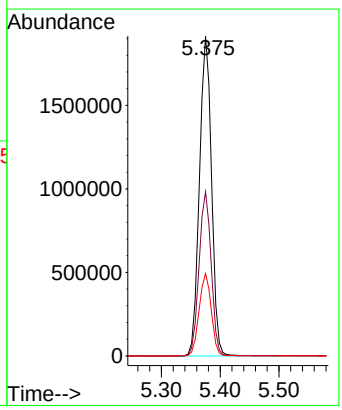




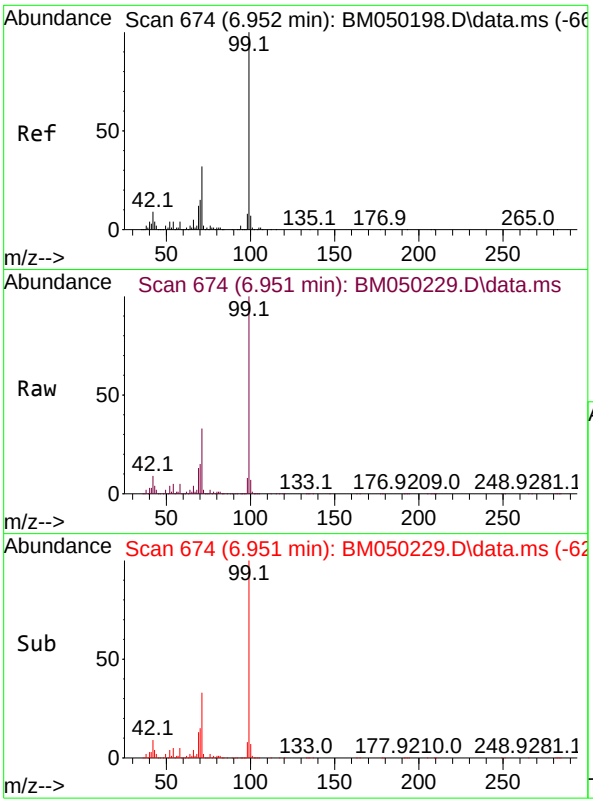
#5
2-Fluorophenol
Concen: 132.084 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion:112 Resp: 2727743

Ion	Ratio	Lower	Upper
112	100		
64	51.3	39.8	59.6
63	25.7	19.8	29.8



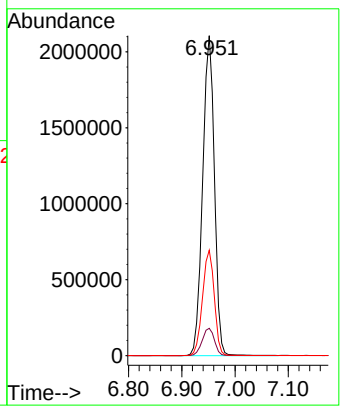
Instrument :
BNA_M
ClientSampleId :
B-202-SB02

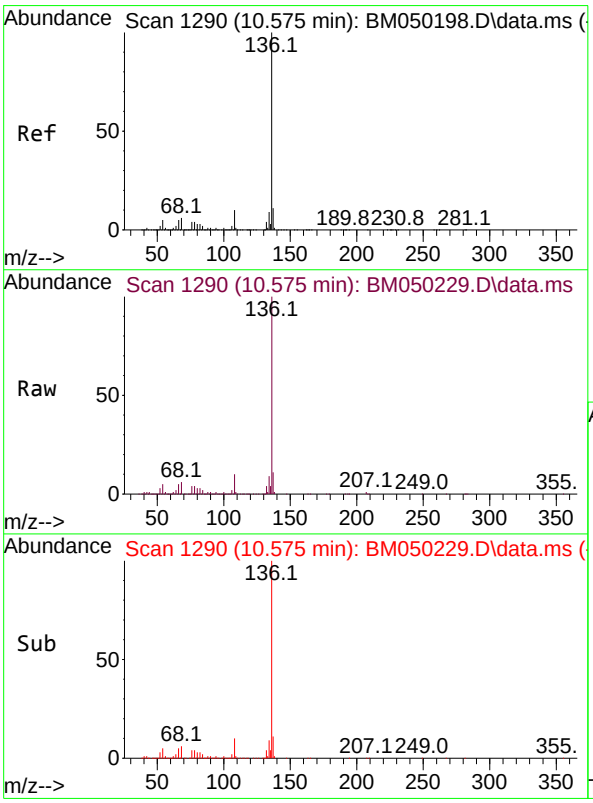


#7
Phenol-d6
Concen: 118.618 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion: 99 Resp: 3224738

Ion	Ratio	Lower	Upper
99	100		
42	8.6	6.9	10.3
71	32.9	25.3	37.9

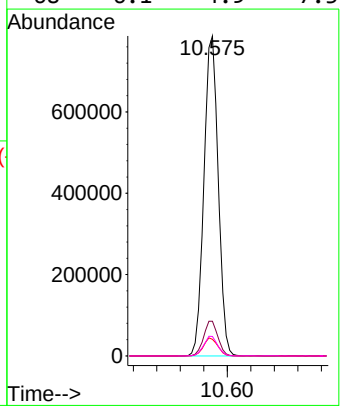


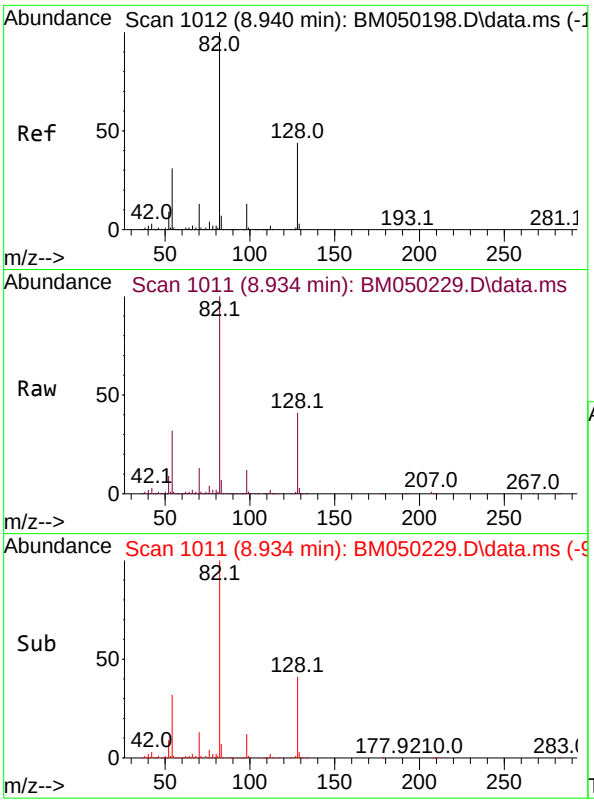


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion:136 Resp: 1326486

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.2	3.8	5.8
68	6.1	4.9	7.3



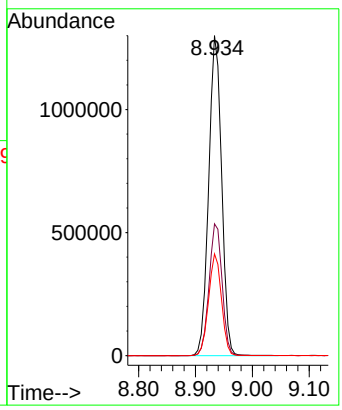


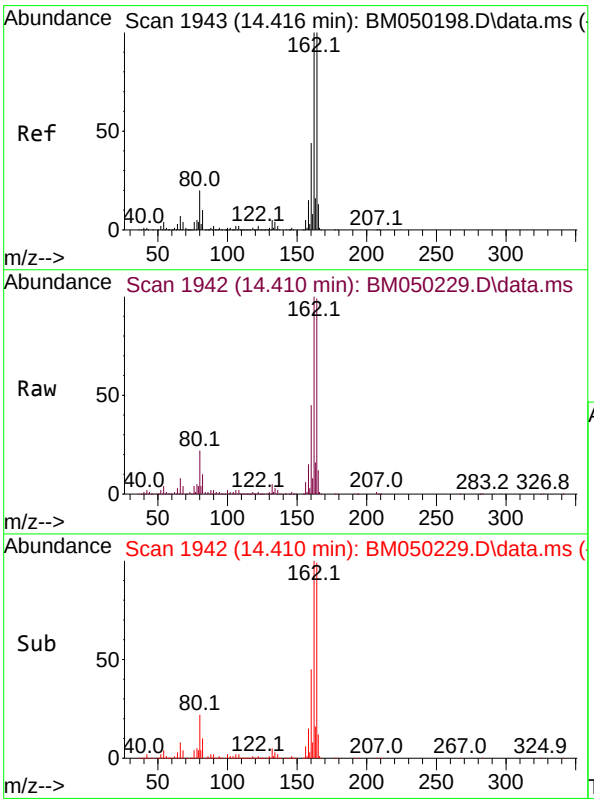
#23
Nitrobenzene-d5
Concen: 80.781 ng
RT: 8.934 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Instrument :
BNA_M
ClientSampleId :
B-202-SB02

Tgt Ion: 82 Resp: 2060347

Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.2	52.8
54	31.8	24.5	36.7

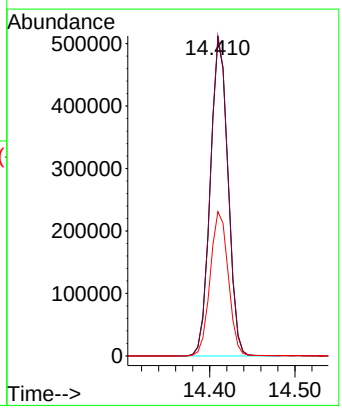


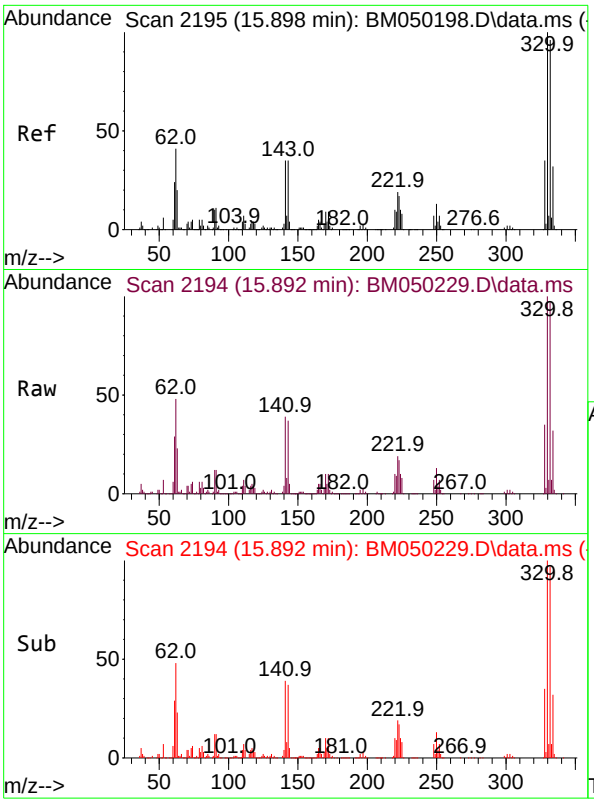


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion:164 Resp: 732372

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.4
160	45.6	35.7	53.5



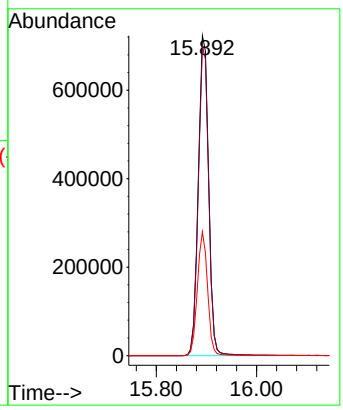


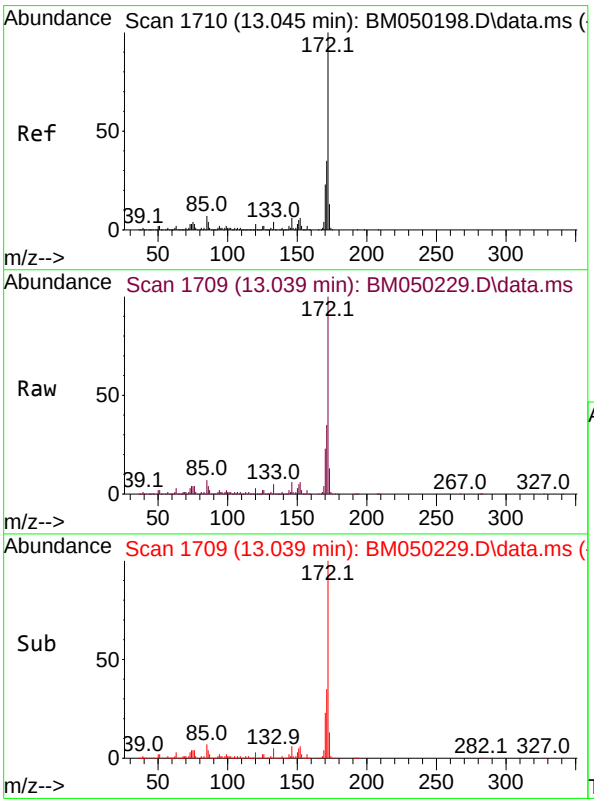
#42
2,4,6-Tribromophenol
Concen: 124.660 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Instrument :
BNA_M
ClientSampleId :
B-202-SB02

Tgt Ion:330 Resp: 1038444

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	38.1	28.8	43.2

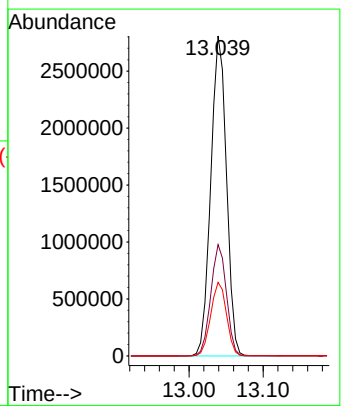


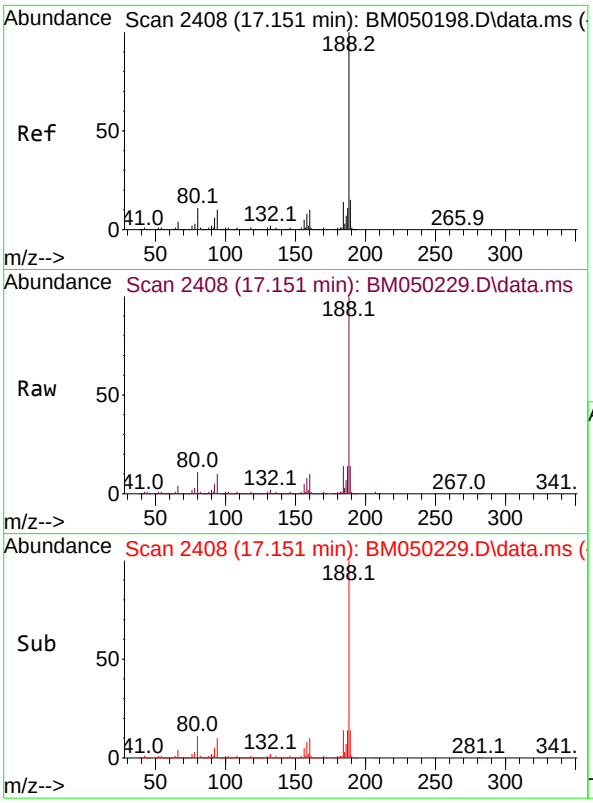


#45
2-Fluorobiphenyl
Concen: 76.243 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion:172 Resp: 4124414

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.0	18.6	27.8



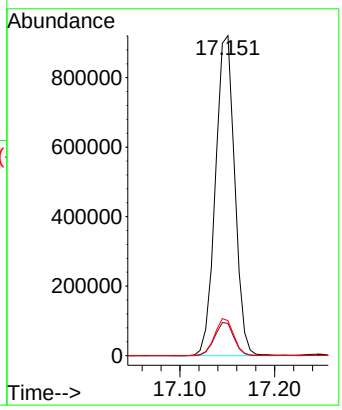


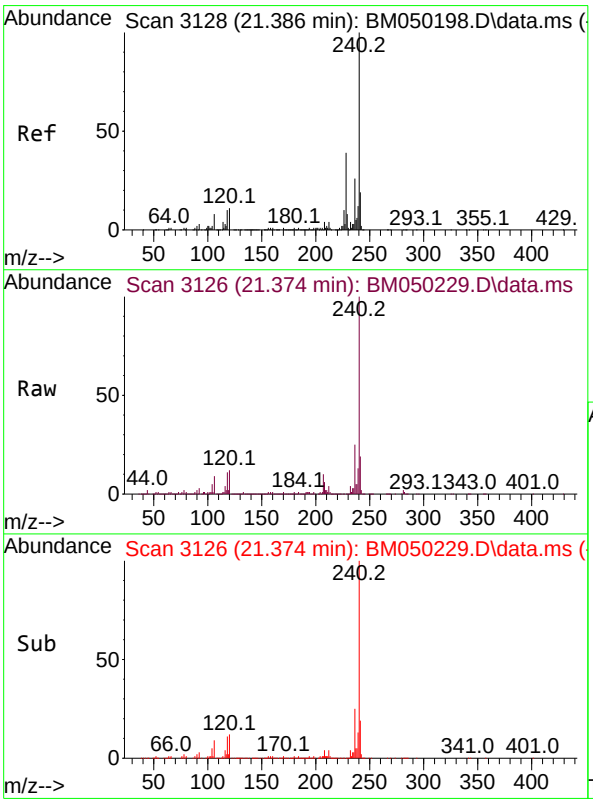
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Instrument :
BNA_M
ClientSampleId :
B-202-SB02

Tgt Ion:188 Resp: 1299493

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	10.9	8.6	13.0

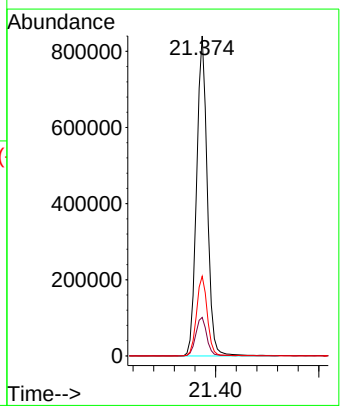


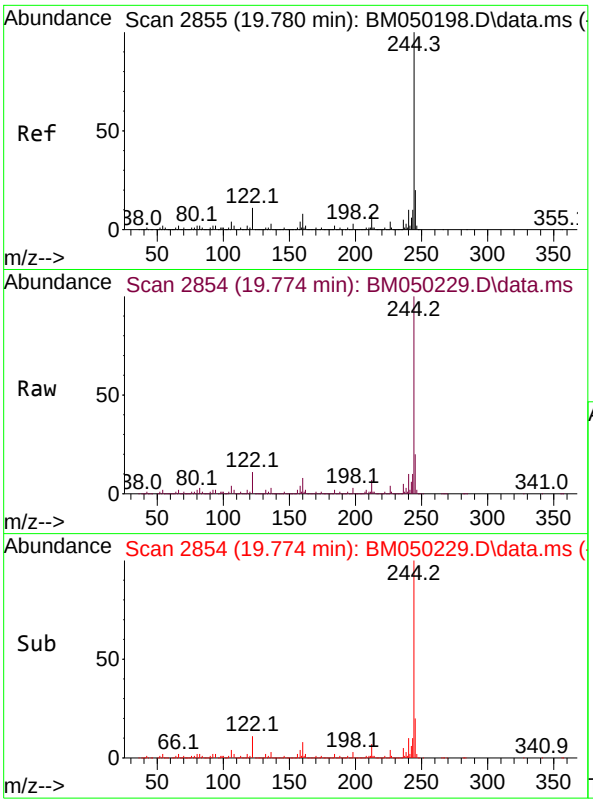


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion:240 Resp: 1203452

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.4
236	24.9	20.7	31.1



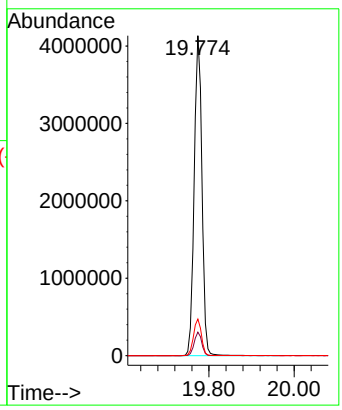


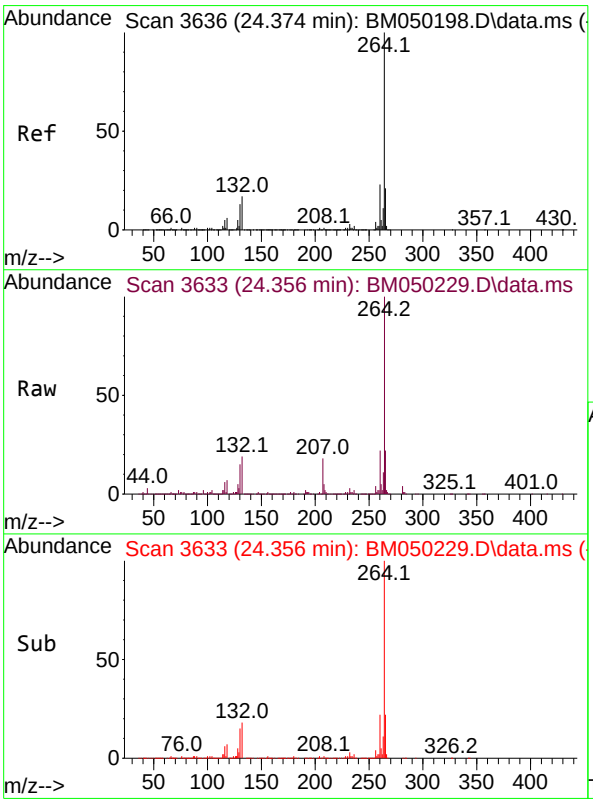
#79
Terphenyl-d14
Concen: 81.940 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Instrument :
BNA_M
ClientSampleId :
B-202-SB02

Tgt Ion:244 Resp: 5203647

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.4	8.6	12.8

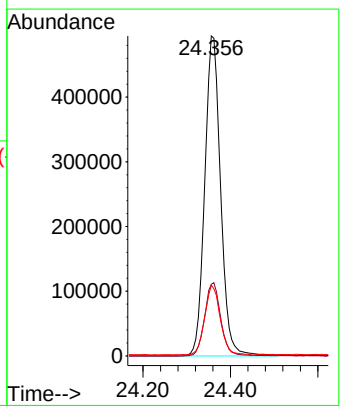




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.356 min Scan# 3633
Delta R.T. -0.018 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion:264 Resp: 1242718

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	28.0
265	22.1	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050230.D
Acq On : 07 Jun 2025 02:01
Operator : RC/JU
Sample : Q2198-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-207-SB02

Quant Time: Jun 07 03:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

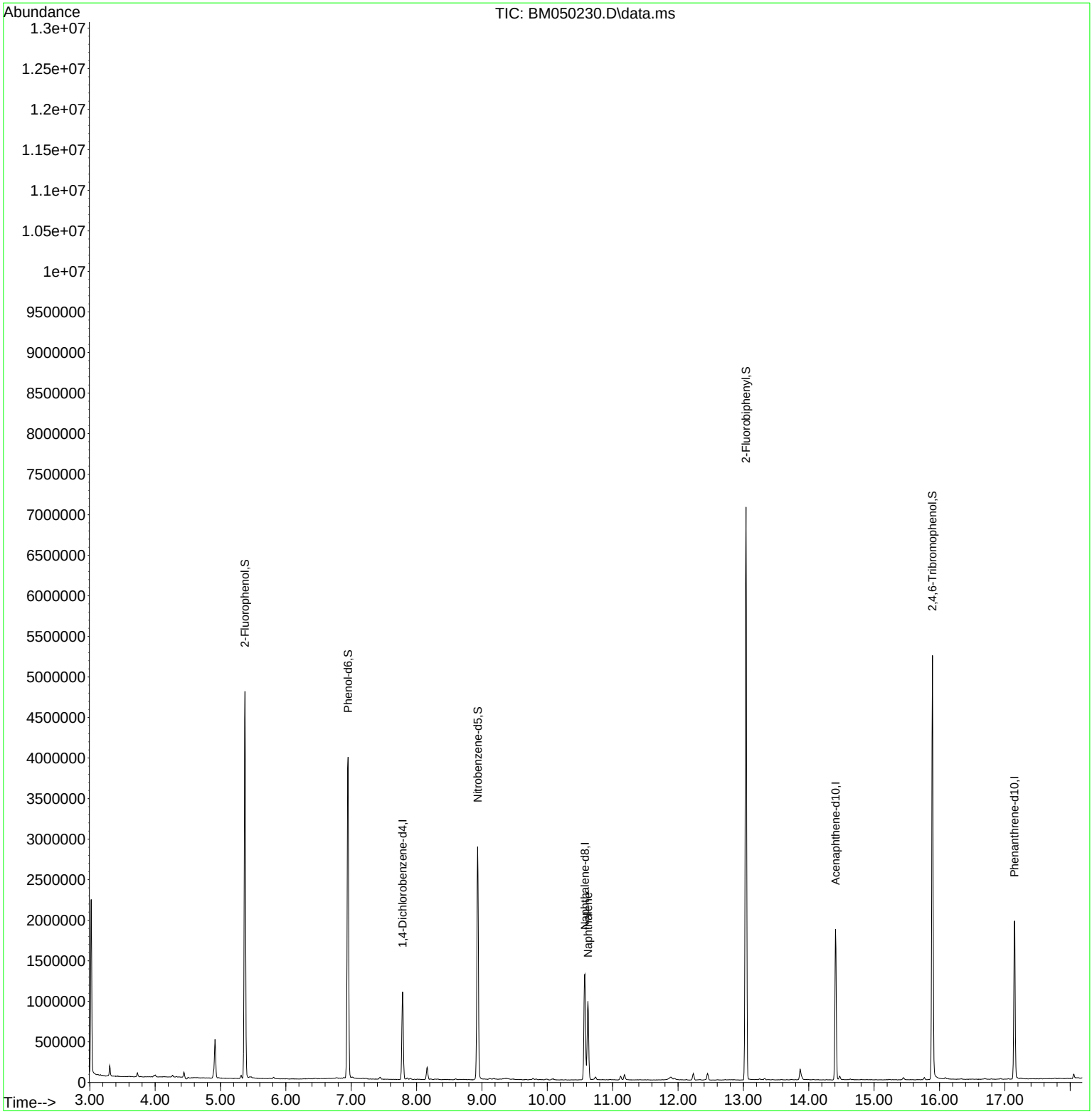
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	299355	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1125867	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	622474	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1119241	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1048287	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1143100	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2234637	124.524	ng	0.00
7) Phenol-d6	6.951	99	2556777	108.230	ng	0.00
23) Nitrobenzene-d5	8.934	82	1795563	82.944	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	914676	129.188	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3603780	78.380	ng	-0.01
79) Terphenyl-d14	19.774	244	4789764	86.586	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.622	128	803533	13.804	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050230.D
Acq On : 07 Jun 2025 02:01
Operator : RC/JU
Sample : Q2198-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-207-SB02

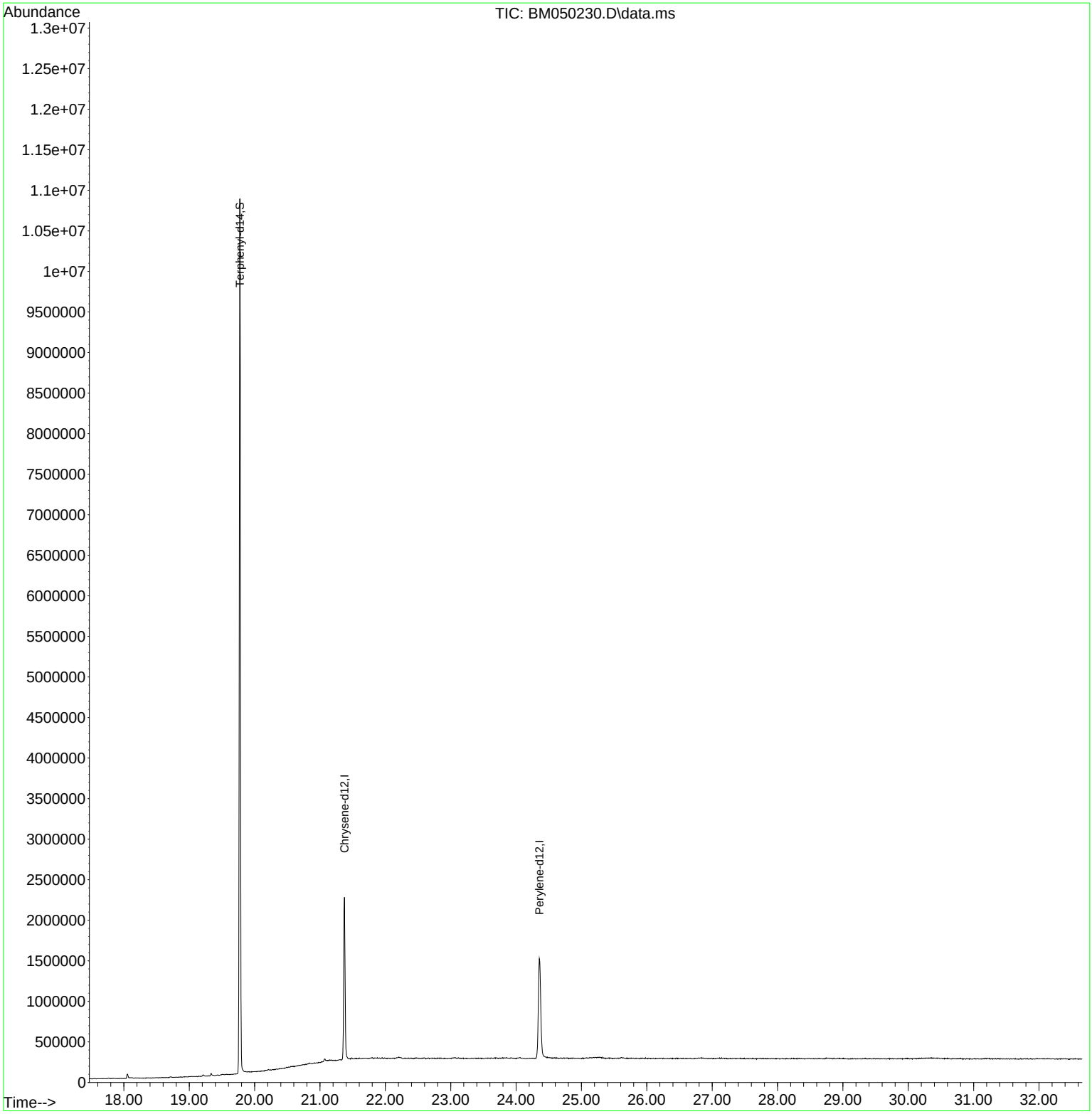
Quant Time: Jun 07 03:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

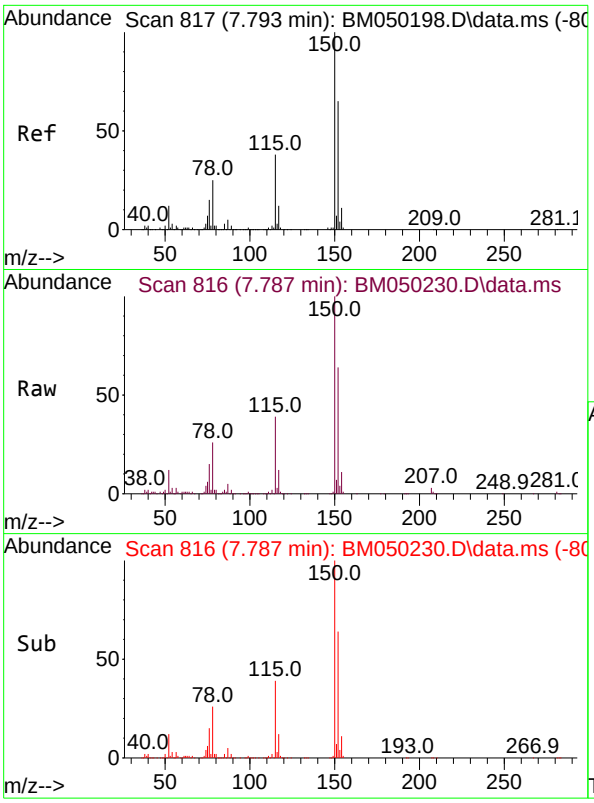


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050230.D
Acq On : 07 Jun 2025 02:01
Operator : RC/JU
Sample : Q2198-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-207-SB02

Quant Time: Jun 07 03:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



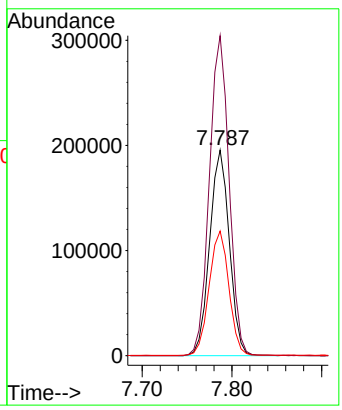


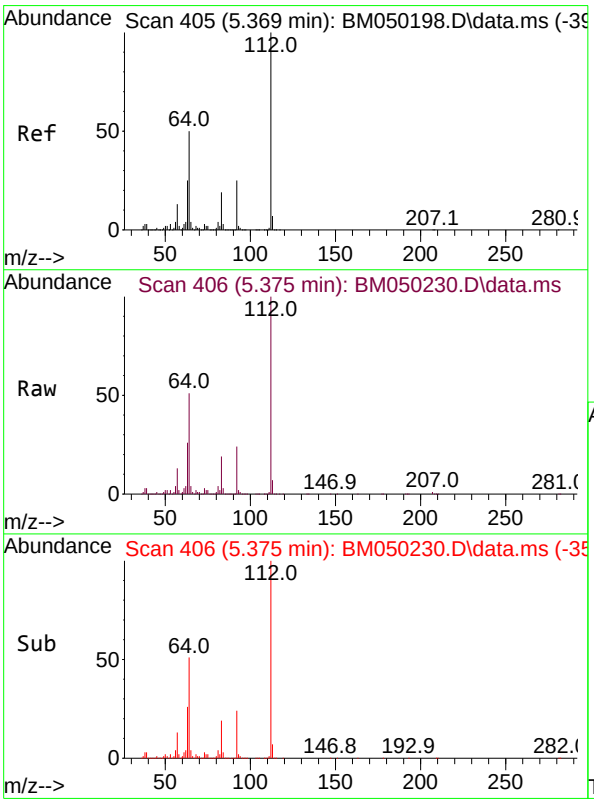
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Instrument :
BNA_M
ClientSampleId :
B-207-SB02

Tgt Ion:152 Resp: 299355

Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.2	183.4
115	60.7	46.3	69.5

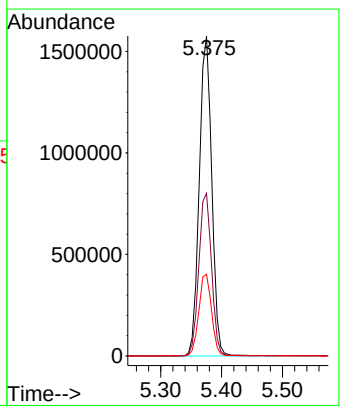


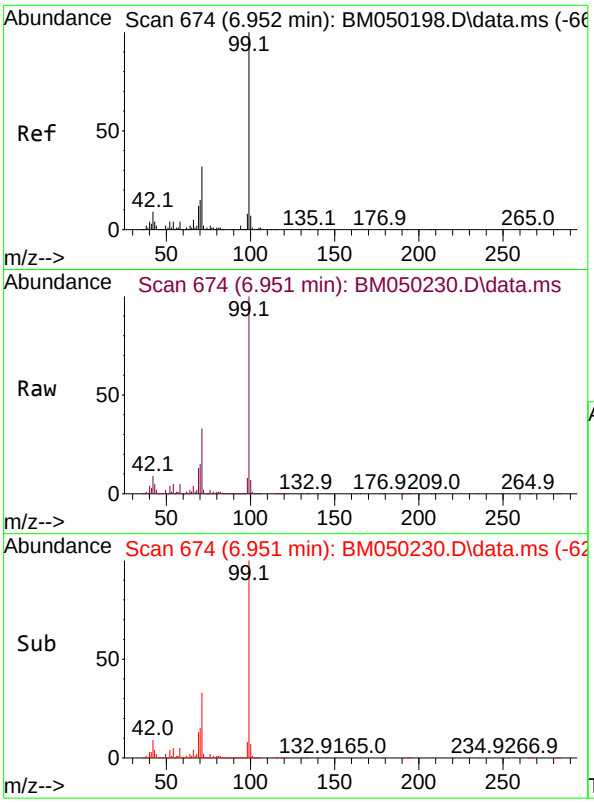


#5
2-Fluorophenol
Concen: 124.524 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:112 Resp: 2234637

Ion	Ratio	Lower	Upper
112	100		
64	50.8	39.8	59.6
63	25.5	19.8	29.8



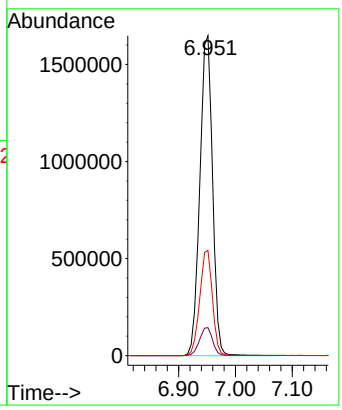


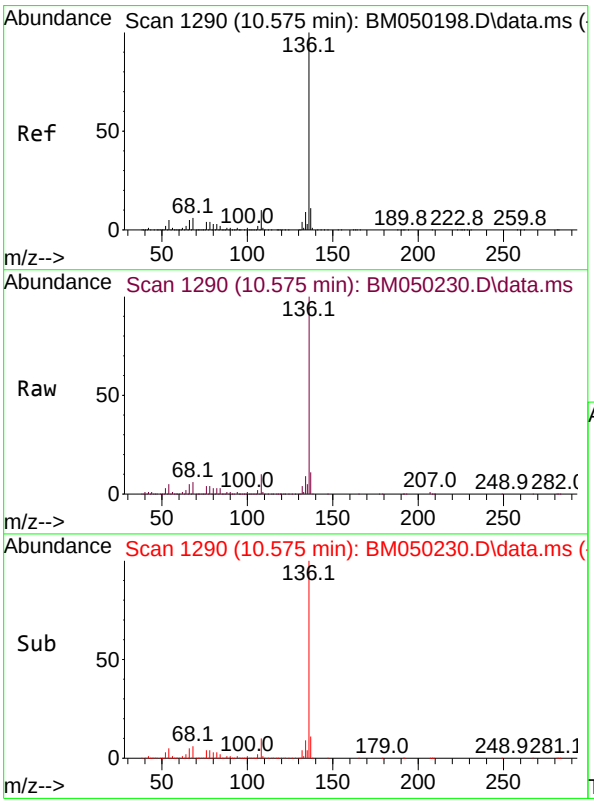
#7
Phenol-d6
Concen: 108.230 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Instrument :
BNA_M
ClientSampleId :
B-207-SB02

Tgt Ion: 99 Resp: 2556777

Ion	Ratio	Lower	Upper
99	100		
42	8.7	6.9	10.3
71	32.9	25.3	37.9

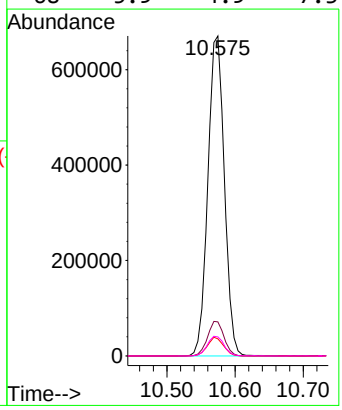


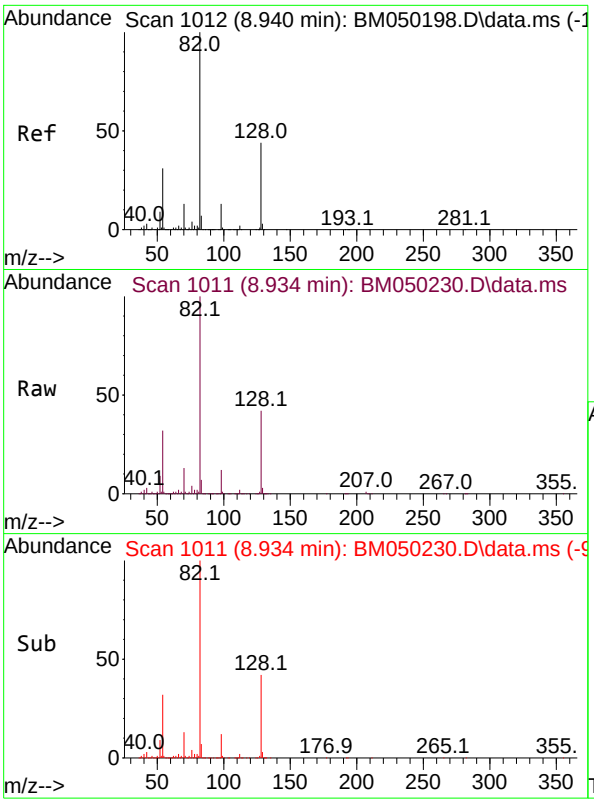


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:136 Resp: 1125867

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.3	3.8	5.8
68	5.9	4.9	7.3



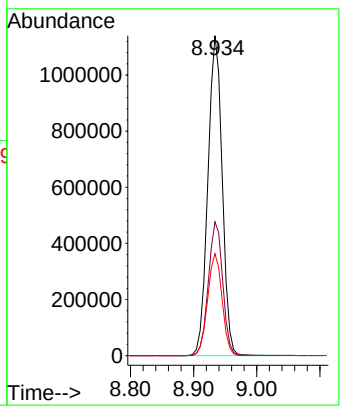


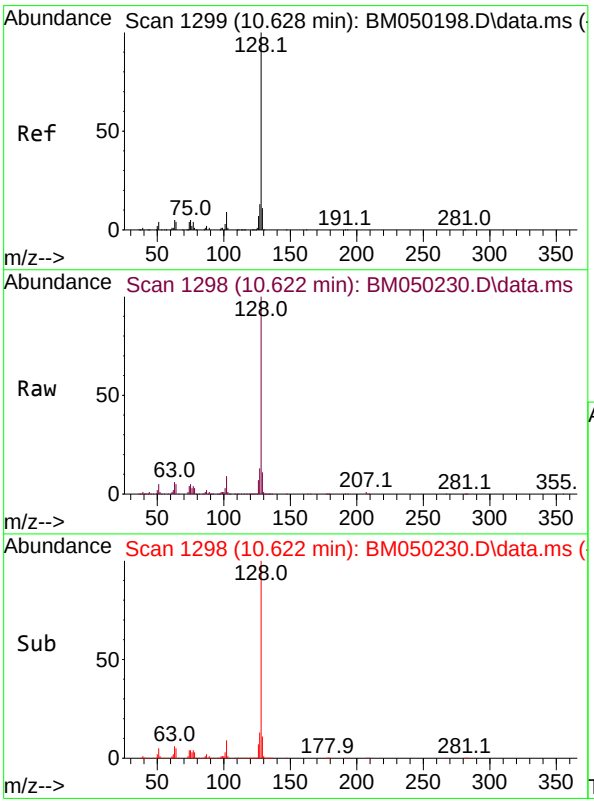
#23
Nitrobenzene-d5
Concen: 82.944 ng
RT: 8.934 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Instrument :
BNA_M
ClientSampleId :
B-207-SB02

Tgt Ion: 82 Resp: 1795563

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.2	52.8
54	31.8	24.5	36.7

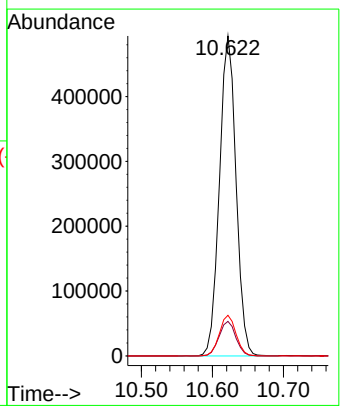


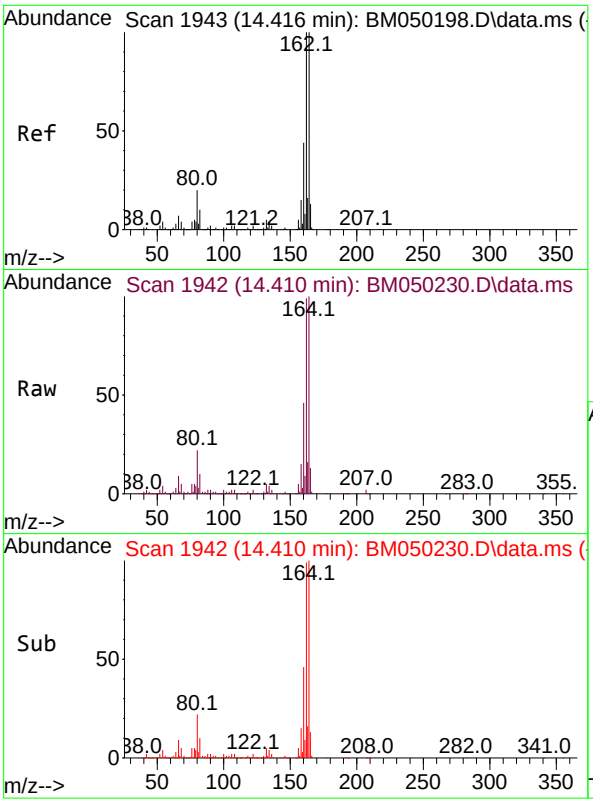


#31
Naphthalene
Concen: 13.804 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:128 Resp: 803533

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.7	10.2	15.4



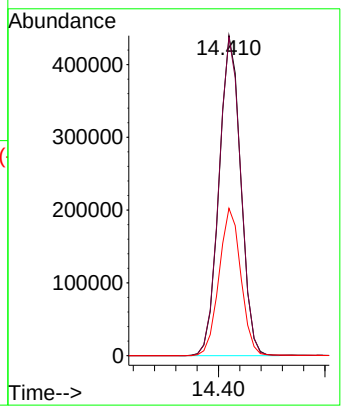


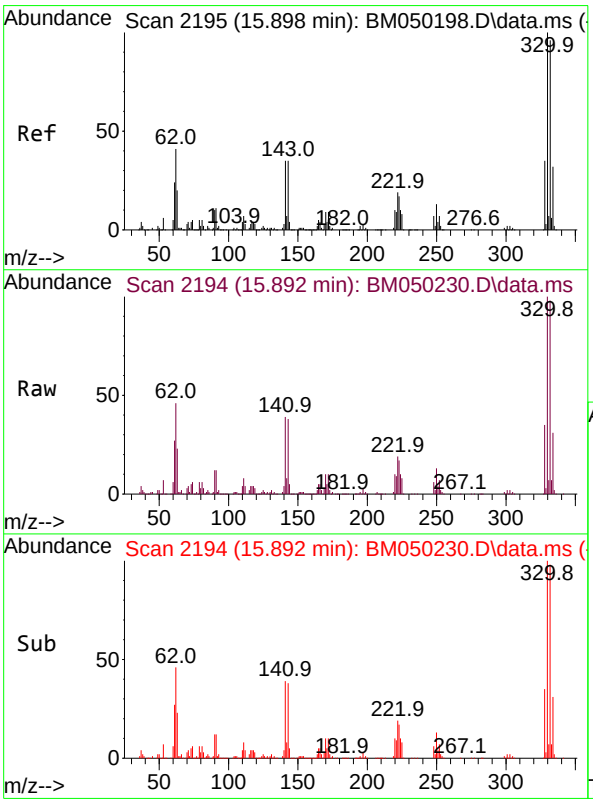
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Instrument :
BNA_M
ClientSampleId :
B-207-SB02

Tgt Ion:164 Resp: 622474

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.4
160	46.0	35.7	53.5

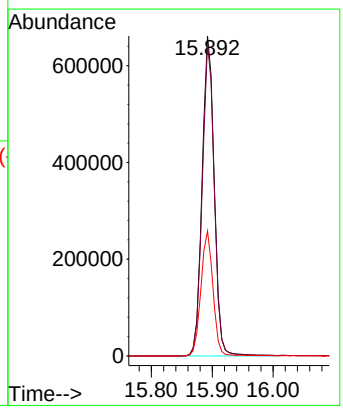


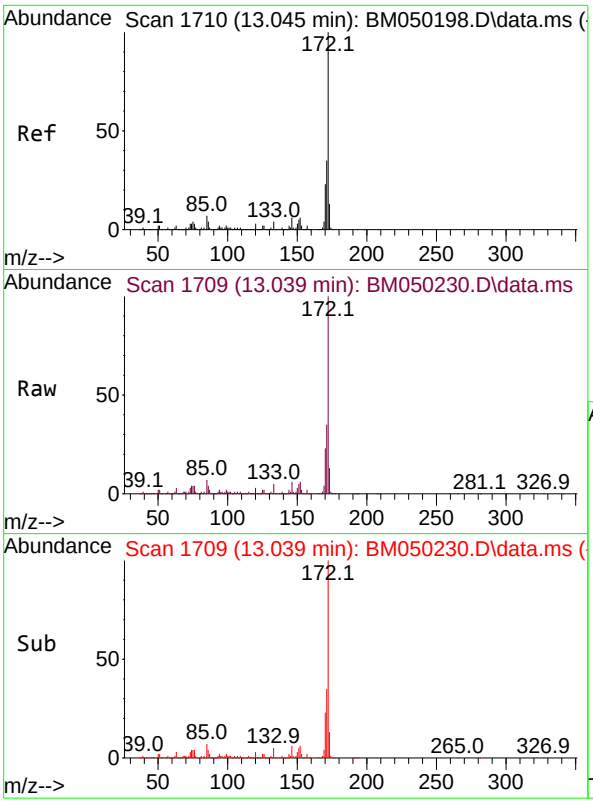


#42
2,4,6-Tribromophenol
Concen: 129.188 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:330 Resp: 914676

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	38.7	28.8	43.2



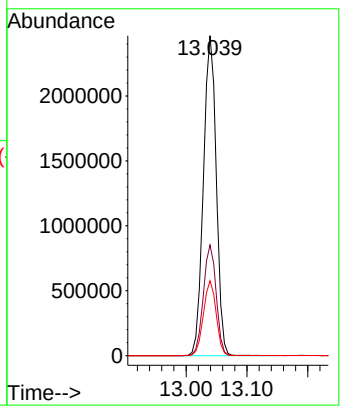


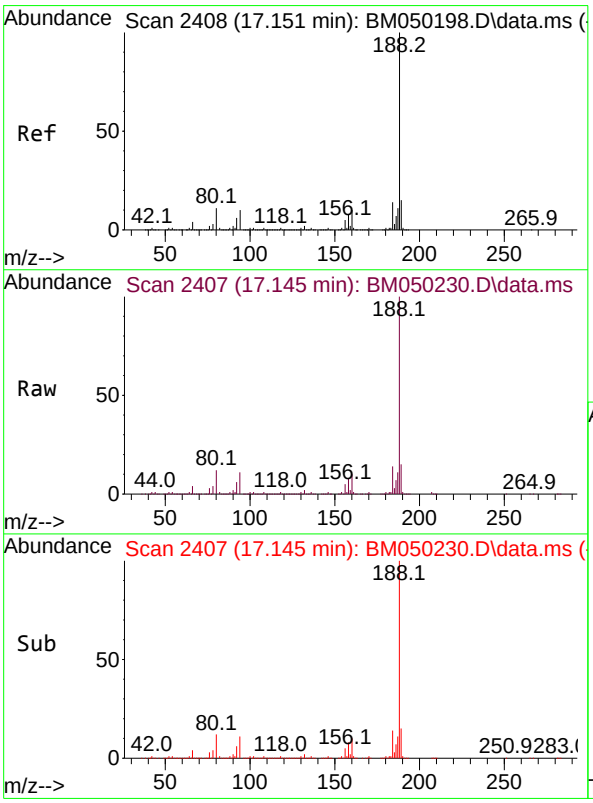
#45
2-Fluorobiphenyl
Concen: 78.380 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Instrument :
BNA_M
ClientSampleId :
B-207-SB02

Tgt Ion:172 Resp: 3603780

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.4	18.6	27.8

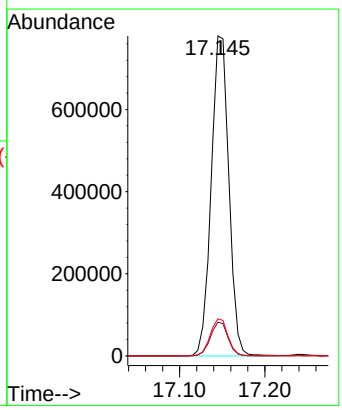


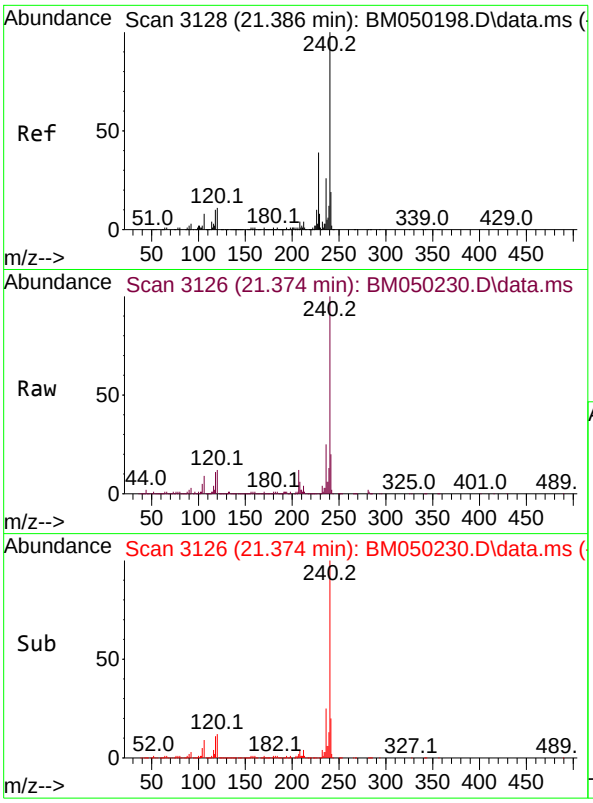


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:188 Resp: 1119241

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	11.6	8.6	13.0



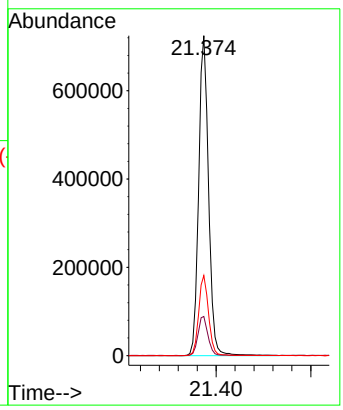


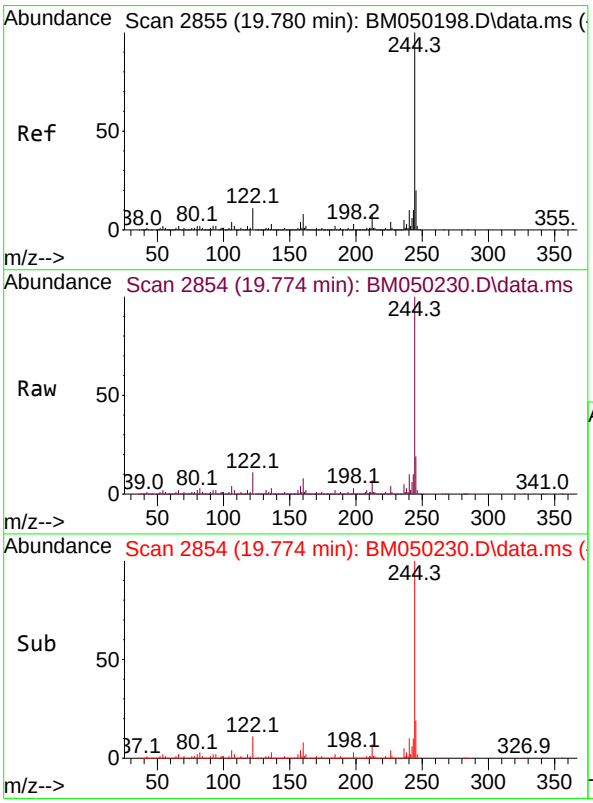
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Instrument :
BNA_M
ClientSampleId :
B-207-SB02

Tgt Ion:240 Resp: 1048287

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.4
236	25.0	20.7	31.1

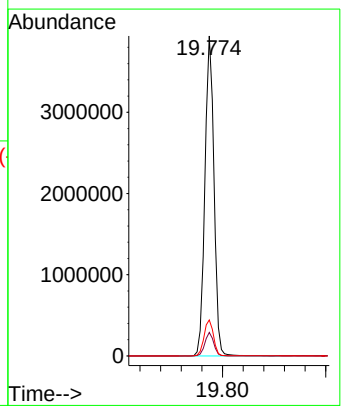


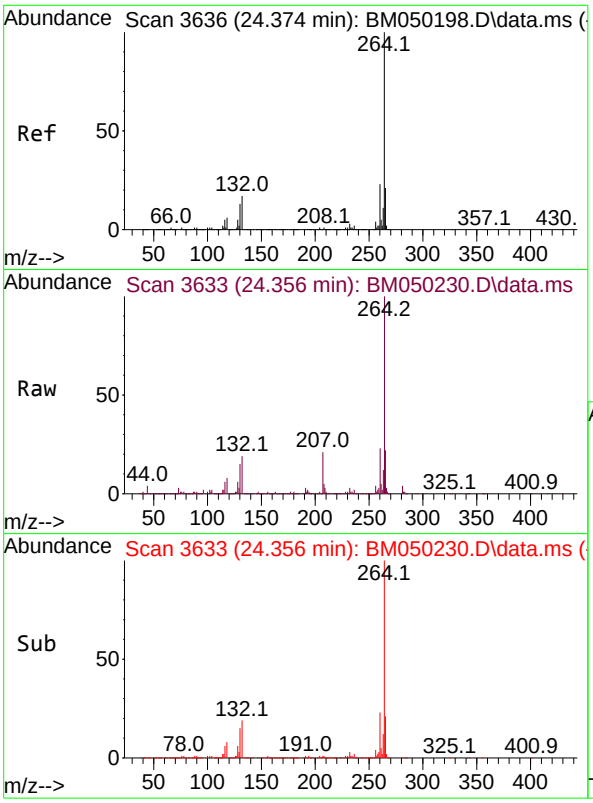


#79
Terphenyl-d14
Concen: 86.586 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:244 Resp: 4789764

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.2	8.6	12.8



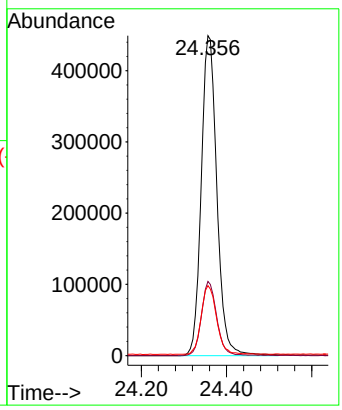


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.356 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Instrument :
BNA_M
ClientSampleId :
B-207-SB02

Tgt Ion:264 Resp: 1143100

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.9	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050224.D
Acq On : 06 Jun 2025 22:03
Operator : RC/JU
Sample : PB168314BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Quant Time: Jun 07 01:21:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

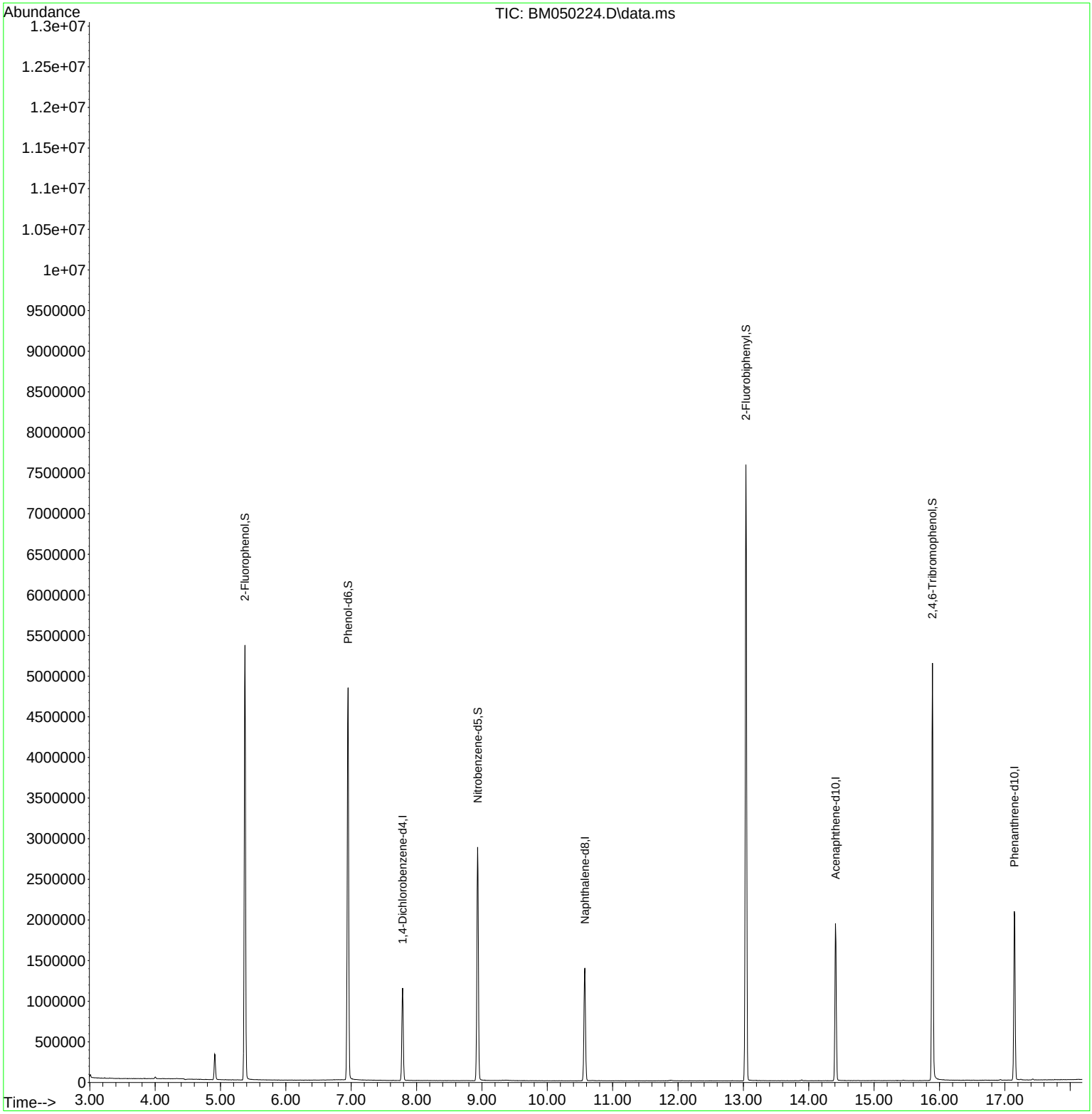
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	315983	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1181137	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	658679	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1198309	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1134031	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1193795	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2551038	134.675	ng	0.00
7) Phenol-d6	6.951	99	3124058	125.285	ng	0.00
23) Nitrobenzene-d5	8.933	82	1813937	79.872	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	935918	124.922	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3959669	81.387	ng	-0.01
79) Terphenyl-d14	19.774	244	4894065	81.782	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050224.D
Acq On : 06 Jun 2025 22:03
Operator : RC/JU
Sample : PB168314BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168314BL

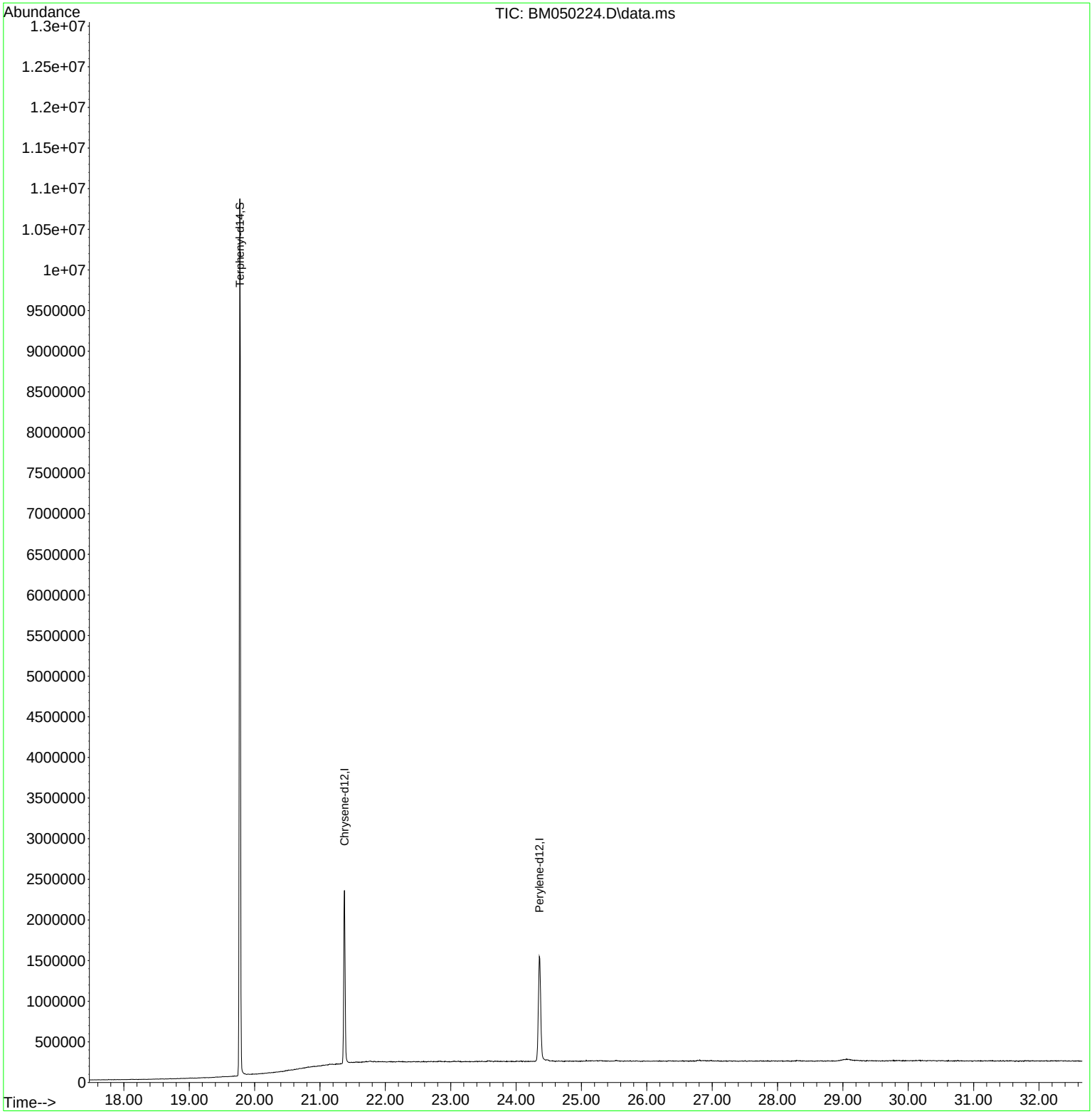
Quant Time: Jun 07 01:21:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

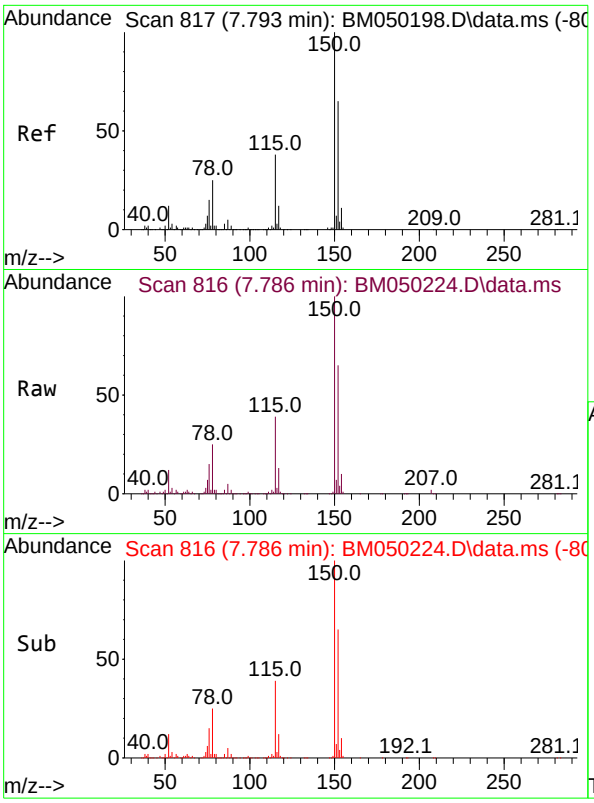


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050224.D
Acq On : 06 Jun 2025 22:03
Operator : RC/JU
Sample : PB168314BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Quant Time: Jun 07 01:21:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



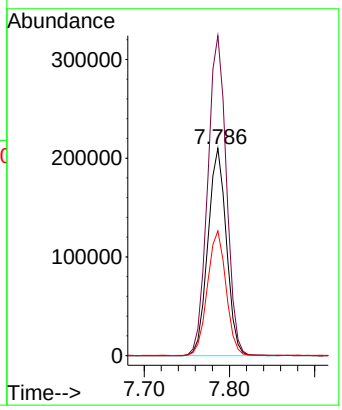


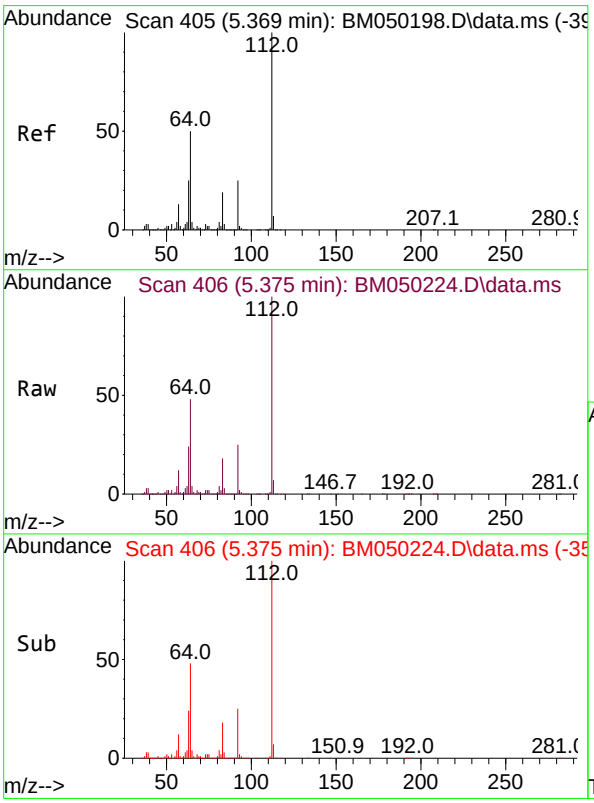
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion:152 Resp: 315983

Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.2	183.4
115	60.2	46.3	69.5

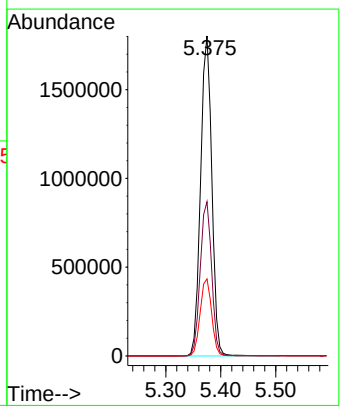


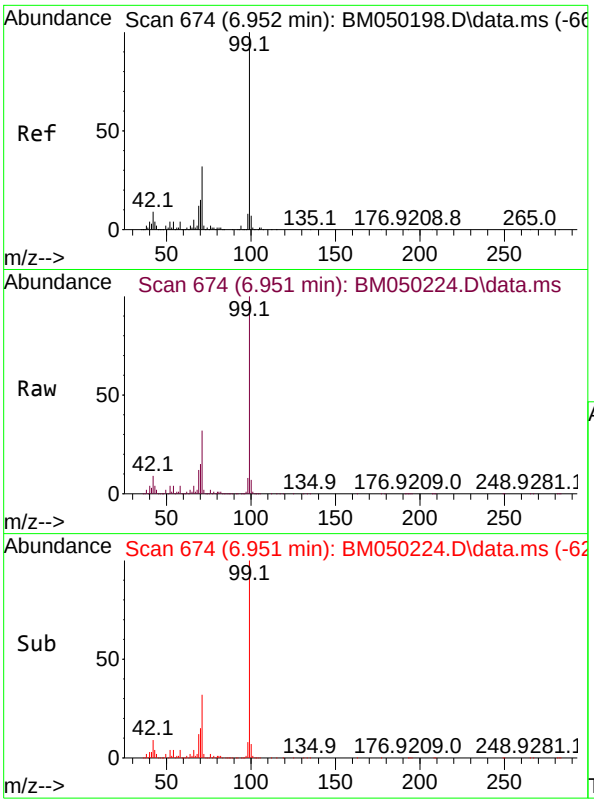


#5
2-Fluorophenol
Concen: 134.675 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:112 Resp: 2551038

Ion	Ratio	Lower	Upper
112	100		
64	48.2	39.8	59.6
63	24.1	19.8	29.8



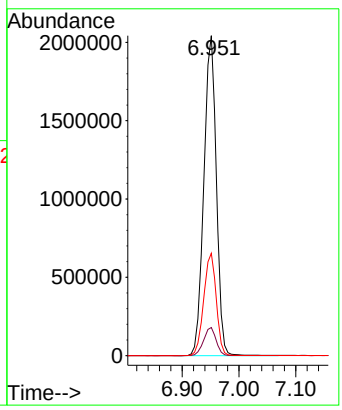


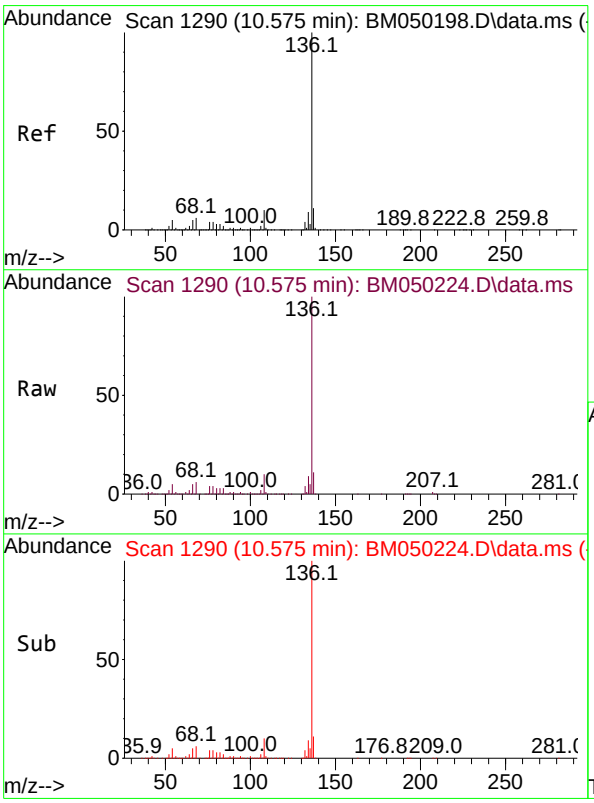
#7
Phenol-d6
Concen: 125.285 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion: 99 Resp: 3124058

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	32.0	25.3	37.9

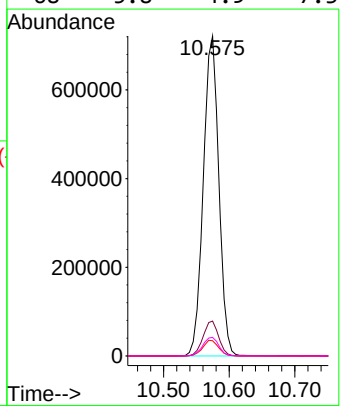


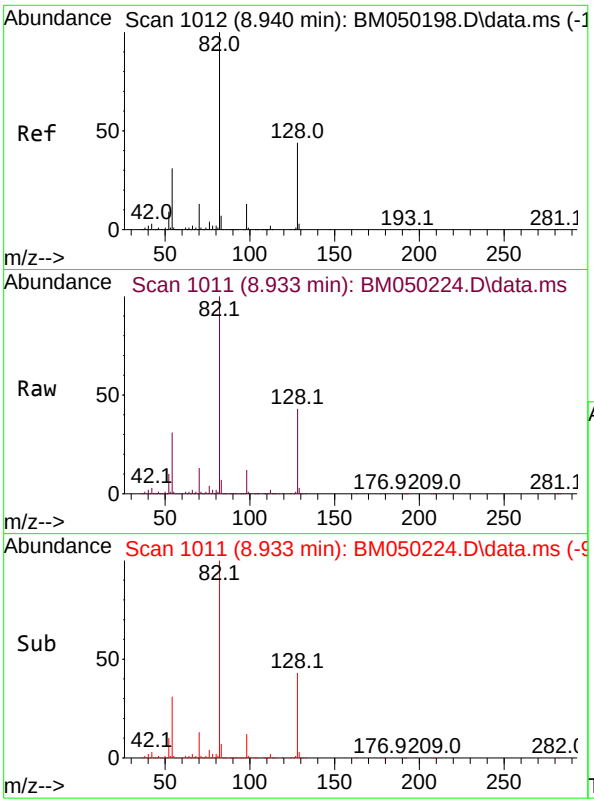


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:136 Resp: 1181137

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	4.7	3.8	5.8
68	5.8	4.9	7.3



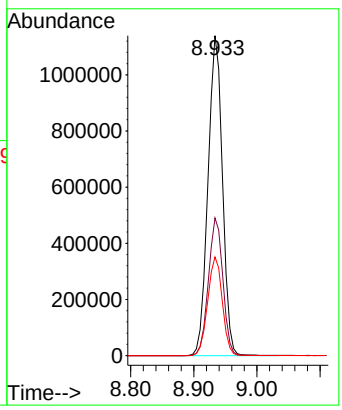


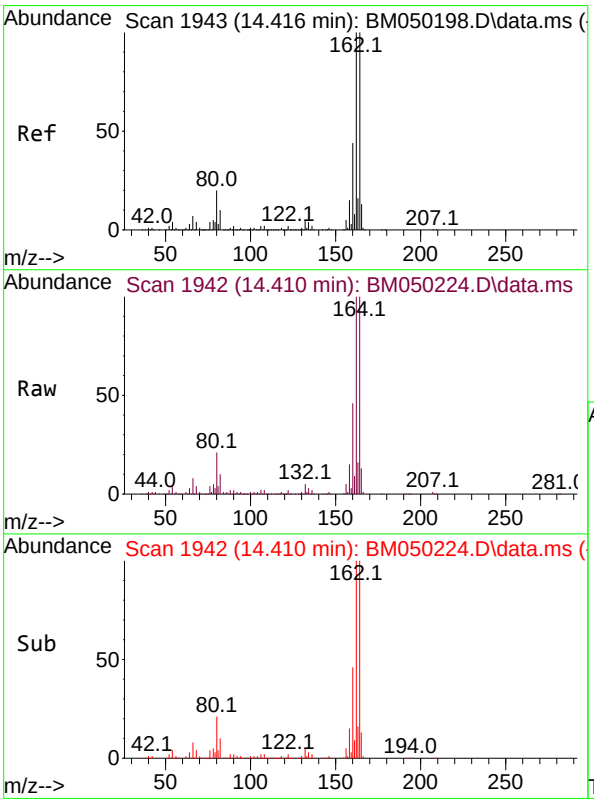
#23
Nitrobenzene-d5
Concen: 79.872 ng
RT: 8.933 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion: 82 Resp: 1813937

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.2	52.8
54	30.8	24.5	36.7

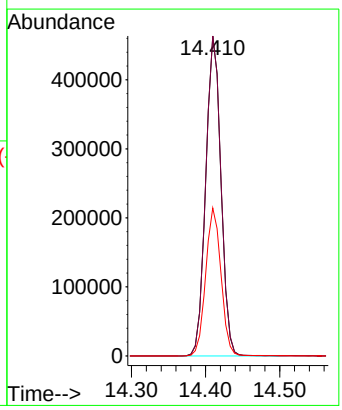


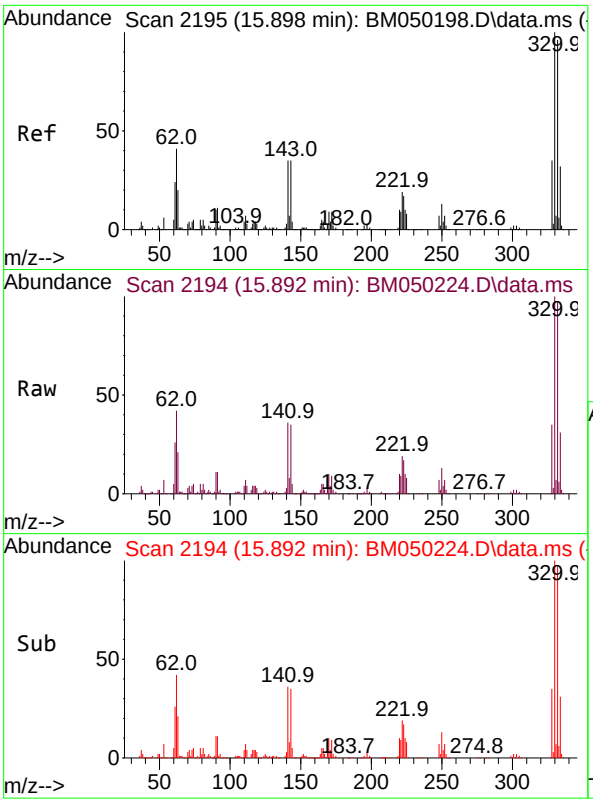


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:164 Resp: 658679

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.4
160	46.3	35.7	53.5



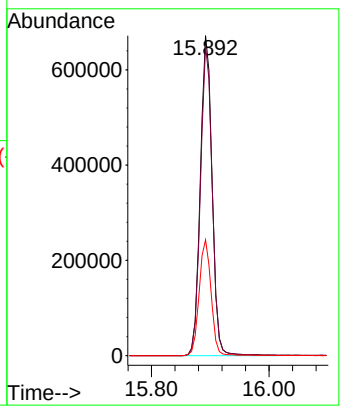


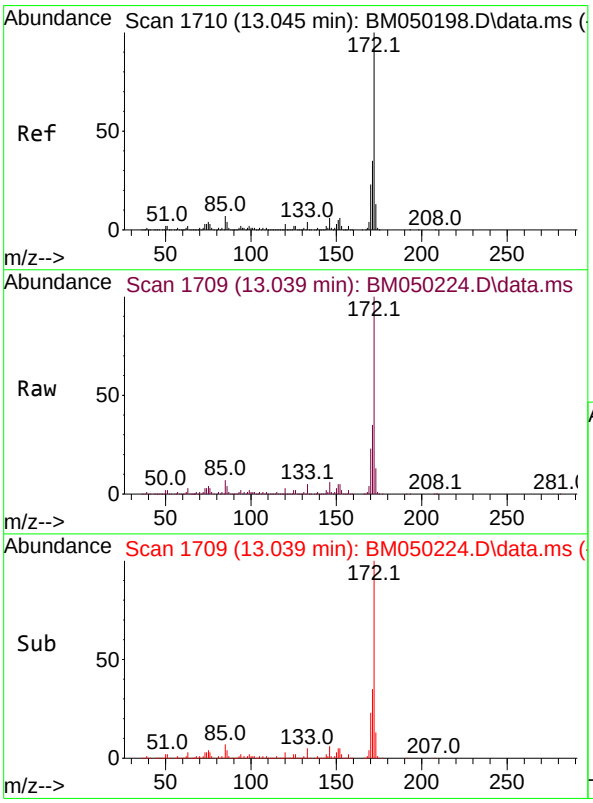
#42
2,4,6-Tribromophenol
Concen: 124.922 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion:330 Resp: 935918

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	36.4	28.8	43.2

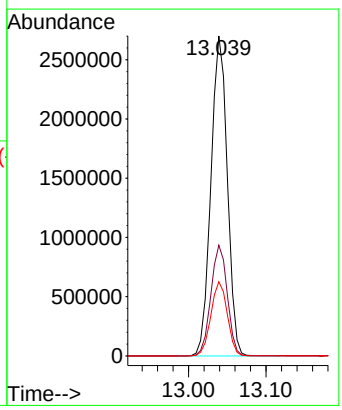


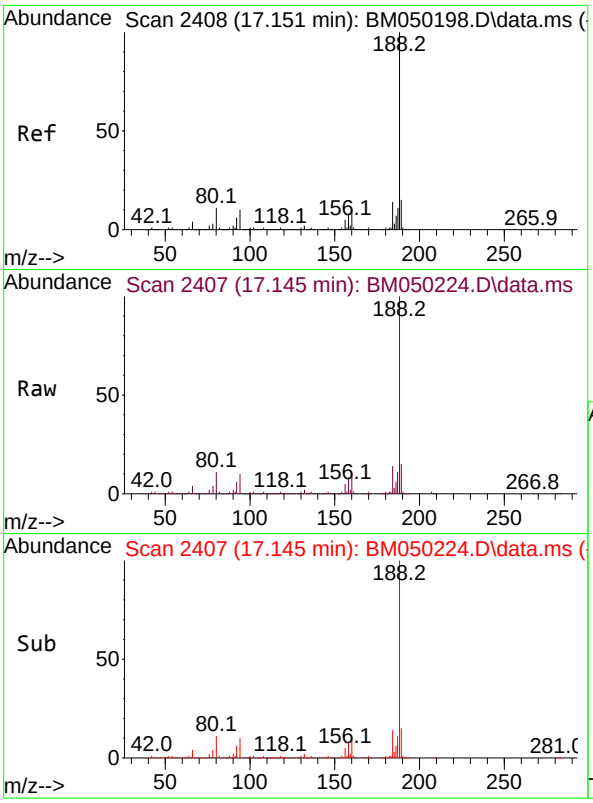


#45
2-Fluorobiphenyl
Concen: 81.387 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:172 Resp: 3959669

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	27.8



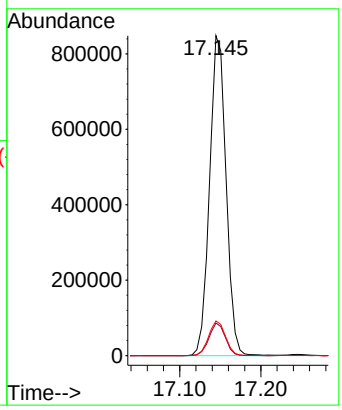


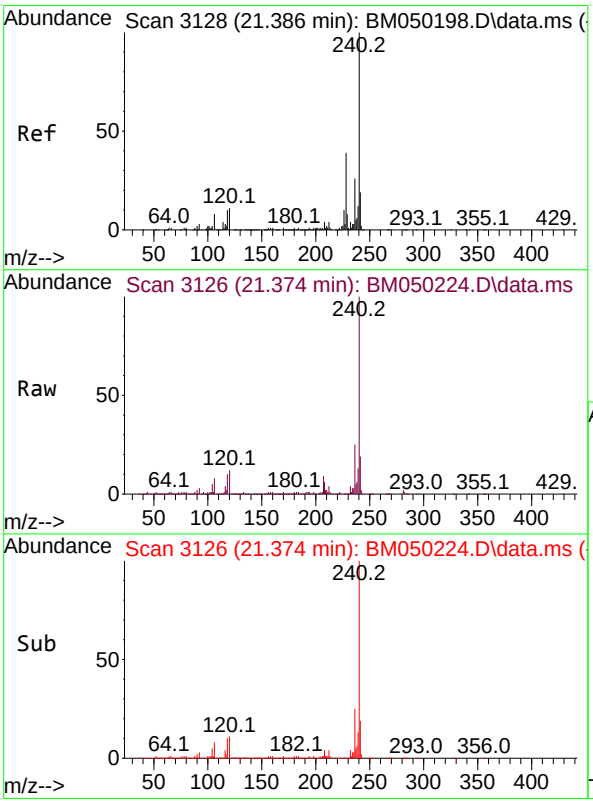
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion:188 Resp: 1198309

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	10.8	8.6	13.0

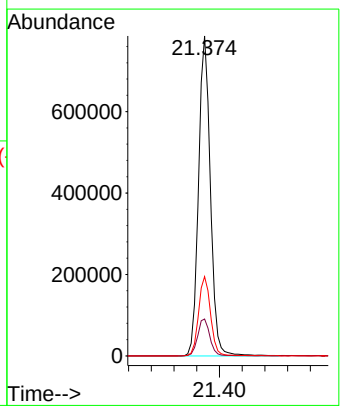


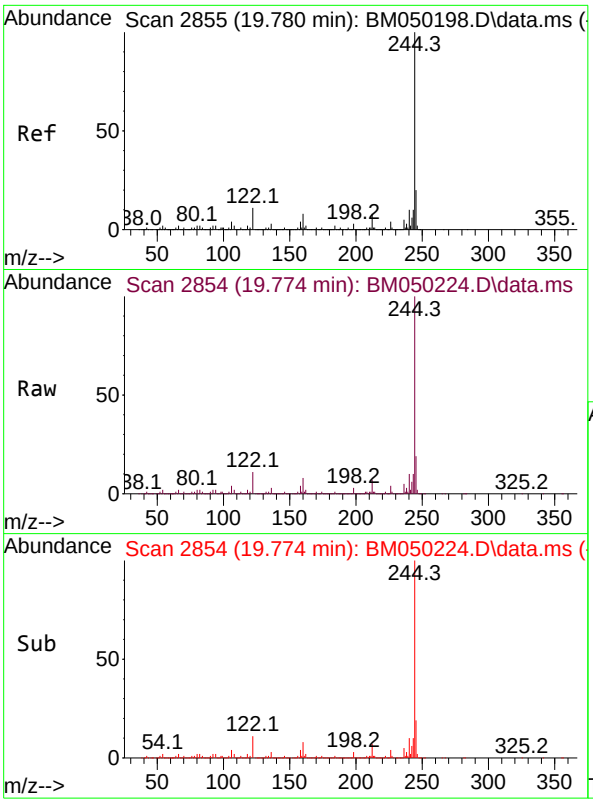


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:240 Resp: 1134031

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.4
236	24.8	20.7	31.1



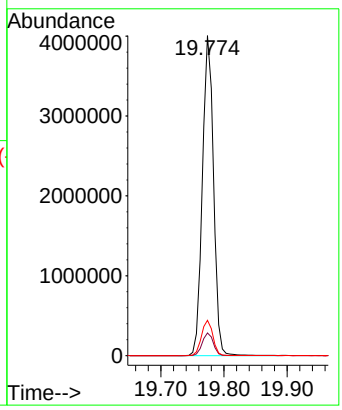


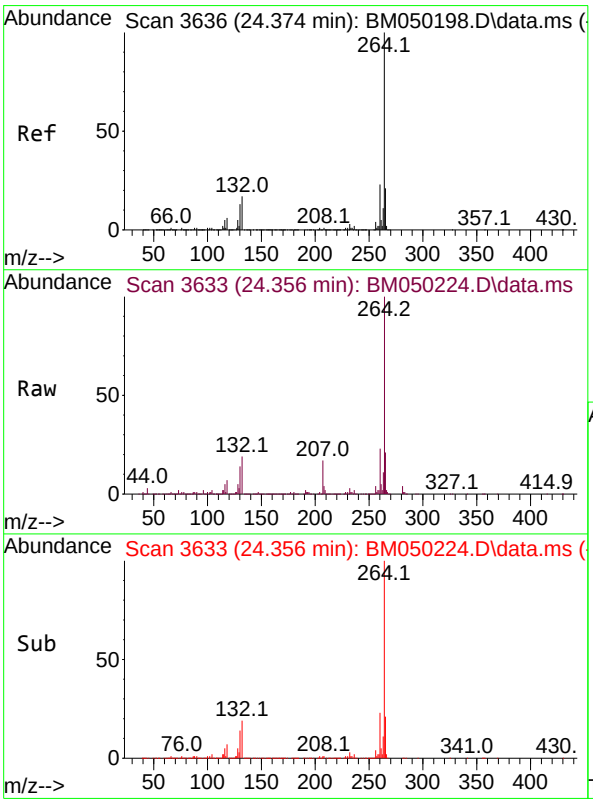
#79
Terphenyl-d14
Concen: 81.782 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Instrument :
BNA_M
ClientSampleId :
PB168314BL

Tgt Ion:244 Resp: 4894065

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.0	8.6	12.8

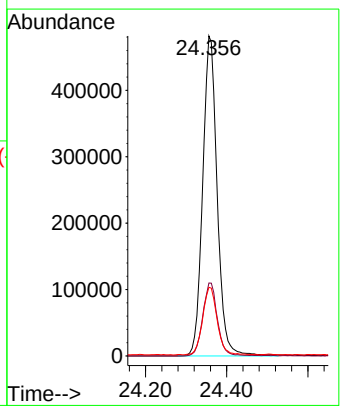




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.356 min Scan# 3633
Delta R.T. -0.018 min
Lab File: BM050224.D
Acq: 06 Jun 2025 22:03

Tgt Ion:264 Resp: 1193795

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.4	16.8	25.2



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050225.D
Acq On : 06 Jun 2025 22:42
Operator : RC/JU
Sample : PB168314BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 07 01:21:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168314BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	327404	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	1240221	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	678136	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1205402	20.000	ng		0.00
76) Chrysene-d12	21.374	240	1198193	20.000	ng		-0.01
86) Perylene-d12	24.362	264	1311493	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2475848	126.146	ng		0.00
7) Phenol-d6	6.951	99	3059528	118.417	ng		0.00
23) Nitrobenzene-d5	8.934	82	1831642	76.809	ng		-0.01
42) 2,4,6-Tribromophenol	15.898	330	961933	124.711	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	3805803	75.980	ng		-0.01
79) Terphenyl-d14	19.774	244	4868069	76.992	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	299681	34.834	ng		95
3) Pyridine	3.681	79	835916	37.520	ng		98
4) n-Nitrosodimethylamine	3.593	42	190079	41.258	ng		98
6) Aniline	7.110	93	1193533	34.944	ng		98
8) 2-Chlorophenol	7.351	128	920208	42.625	ng		99
9) Benzaldehyde	6.922	77	500620	30.476	ng		99
10) Phenol	6.975	94	1151275	42.114	ng		99
11) bis(2-Chloroethyl)ether	7.210	93	915062	41.616	ng		98
12) 1,3-Dichlorobenzene	7.675	146	977875	40.517	ng		97
13) 1,4-Dichlorobenzene	7.822	146	1017326	40.513	ng		99
14) 1,2-Dichlorobenzene	8.140	146	968641	40.464	ng		98
15) Benzyl Alcohol	8.022	79	741456	40.236	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	674983	44.190	ng		97
17) 2-Methylphenol	8.222	107	738406	40.937	ng		99
18) Hexachloroethane	8.869	117	382614	42.074	ng		99
19) n-Nitroso-di-n-propyla...	8.592	70	637909	40.346	ng		98
20) 3+4-Methylphenols	8.545	107	977373	40.501	ng		98
22) Acetophenone	8.604	105	1319211	42.577	ng	#	99
24) Nitrobenzene	8.975	77	959826	44.256	ng		97
25) Isophorone	9.504	82	1712062	41.596	ng		99
26) 2-Nitrophenol	9.686	139	399258	42.647	ng		99
27) 2,4-Dimethylphenol	9.751	122	817879	42.519	ng		98
28) bis(2-Chloroethoxy)met...	9.986	93	1138491	42.341	ng		99
29) 2,4-Dichlorophenol	10.222	162	760875	42.744	ng		99
30) 1,2,4-Trichlorobenzene	10.439	180	843780	42.597	ng		99
31) Naphthalene	10.622	128	2661898	41.513	ng		99
32) Benzoic acid	9.869	122	472275	39.068	ng		95
33) 4-Chloroaniline	10.722	127	782333	28.617	ng		99
34) Hexachlorobutadiene	10.922	225	495096	42.020	ng		100
35) Caprolactam	11.492	113	221832	39.308	ng		94
36) 4-Chloro-3-methylphenol	11.851	107	786874	41.427	ng		98
37) 2-Methylnaphthalene	12.233	142	1597034	41.285	ng		99
38) 1-Methylnaphthalene	12.457	142	1671891	40.721	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	865976	44.223	ng		99
41) Hexachlorocyclopentadiene	12.592	237	1114762	93.740	ng		98
43) 2,4,6-Trichlorophenol	12.839	196	575768	44.712	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050225.D
Acq On : 06 Jun 2025 22:42
Operator : RC/JU
Sample : PB168314BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 07 01:21:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168314BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	622993	44.063	ng	98
46) 1,1'-Biphenyl	13.251	154	2199497	43.316	ng	99
47) 2-Chloronaphthalene	13.286	162	1692510	42.874	ng	100
48) 2-Nitroaniline	13.480	65	407164	46.868	ng	92
49) Acenaphthylene	14.133	152	2740890	42.926	ng	100
50) Dimethylphthalate	13.874	163	1938850	42.276	ng	100
51) 2,6-Dinitrotoluene	13.980	165	408086	44.123	ng	94
52) Acenaphthene	14.474	154	1839565	46.061	ng	98
53) 3-Nitroaniline	14.304	138	310614	30.134	ng	99
54) 2,4-Dinitrophenol	14.510	184	421817	77.017	ng	96
55) Dibenzofuran	14.810	168	2482632	42.490	ng	99
56) 4-Nitrophenol	14.610	139	826813	94.241	ng	99
57) 2,4-Dinitrotoluene	14.769	165	570102	46.728	ng	99
58) Fluorene	15.457	166	1914923	42.790	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	535125m	43.746	ng	
60) Diethylphthalate	15.245	149	1934726	42.517	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	913406	42.232	ng	99
62) 4-Nitroaniline	15.468	138	408318	42.264	ng	100
63) Azobenzene	15.751	77	1977224	43.472	ng	98
65) 4,6-Dinitro-2-methylph...	15.527	198	279122	42.396	ng	95
66) n-Nitrosodiphenylamine	15.668	169	1664999	43.961	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	566244	44.051	ng	97
68) Hexachlorobenzene	16.463	284	660689	43.992	ng	97
69) Atrazine	16.621	200	555211	46.007	ng	99
70) Pentachlorophenol	16.798	266	908910	93.086	ng	99
71) Phenanthrene	17.192	178	2989719	43.417	ng	99
72) Anthracene	17.280	178	3025223	43.915	ng	100
73) Carbazole	17.545	167	2822868	44.980	ng	100
74) Di-n-butylphthalate	18.127	149	3128027	45.808	ng	99
75) Fluoranthene	19.204	202	3288288	45.282	ng	99
77) Benzidine	19.386	184	1473496	43.732	ng	100
78) Pyrene	19.562	202	3487366	43.183	ng	100
80) Butylbenzylphthalate	20.474	149	1208443	44.860	ng	99
81) Benzo(a)anthracene	21.356	228	3385167	44.635	ng	100
82) 3,3'-Dichlorobenzidine	21.280	252	704129	30.445	ng	98
83) Chrysene	21.421	228	3258491	45.168	ng	99
84) Bis(2-ethylhexyl)phtha...	21.309	149	1926357	46.425	ng	99
85) Di-n-octyl phthalate	22.444	149	2938941	47.731	ng	100
87) Indeno(1,2,3-cd)pyrene	27.732	276	4233970	50.139	ng	100
88) Benzo(b)fluoranthene	23.421	252	3454981	45.311	ng	99
89) Benzo(k)fluoranthene	23.486	252	3445030	44.257	ng	100
90) Benzo(a)pyrene	24.221	252	3306511	46.121	ng	99
91) Dibenzo(a,h)anthracene	27.797	278	3382105	49.342	ng	98
92) Benzo(g,h,i)perylene	28.779	276	3516916	51.264	ng	99

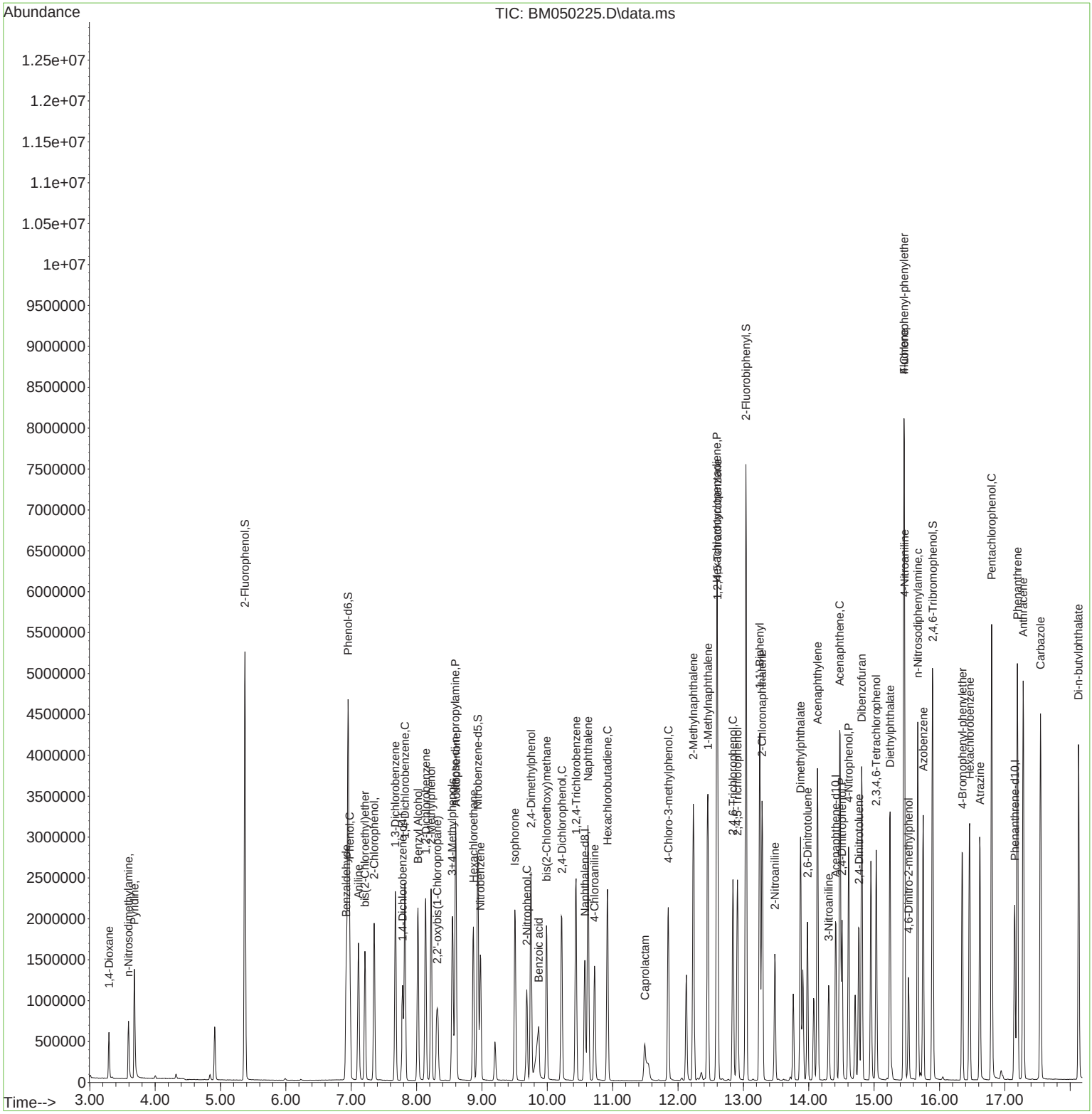
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050225.D
Acq On : 06 Jun 2025 22:42
Operator : RC/JU
Sample : PB168314BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 07 01:21:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168314BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



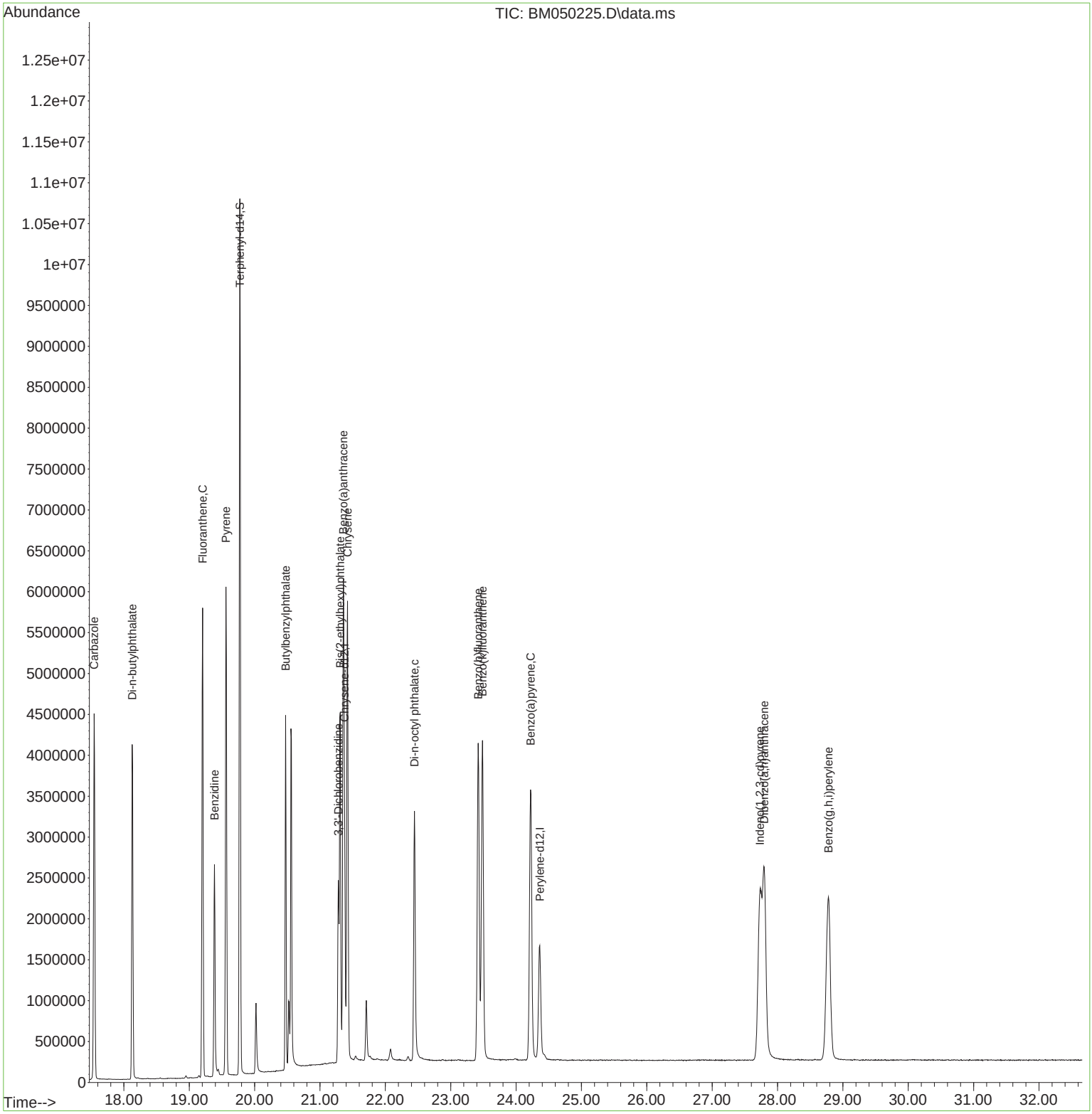
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050225.D
Acq On : 06 Jun 2025 22:42
Operator : RC/JU
Sample : PB168314BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 07 01:21:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168314BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/09/2025
Supervised By :Jagrut Upadhyay 06/09/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050213.D
Acq On : 06 Jun 2025 14:06
Operator : RC/JU
Sample : Q2194-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-12MS

Quant Time: Jun 06 14:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	348615	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1377434	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	768114	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1293379	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1106417	20.000	ng	0.00
86) Perylene-d12	24.368	264	1212630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2485049	118.911	ng	0.00
7) Phenol-d6	6.957	99	2994886	108.862	ng	0.00
23) Nitrobenzene-d5	8.939	82	2093769	79.055	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1069797	122.448	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4313578	76.030	ng	0.00
79) Terphenyl-d14	19.780	244	4512257	77.284	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	309499	33.786	ng	# 78
3) Pyridine	3.693	79	837934	35.322	ng	100
4) n-Nitrosodimethylamine	3.599	42	200375	40.847	ng	95
6) Aniline	7.116	93	795951	21.886	ng	98
8) 2-Chlorophenol	7.351	128	994911	43.281	ng	99
9) Benzaldehyde	6.928	77	409612	23.418	ng	99
10) Phenol	6.981	94	1102221	37.866	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	980654	41.885	ng	99
12) 1,3-Dichlorobenzene	7.681	146	775911	30.193	ng	99
13) 1,4-Dichlorobenzene	7.822	146	818226	30.602	ng	99
14) 1,2-Dichlorobenzene	8.139	146	807074	31.663	ng	99
15) Benzyl Alcohol	8.022	79	858483	43.752	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	657839	40.447	ng	98
17) 2-Methylphenol	8.228	107	812312	42.295	ng	100
18) Hexachloroethane	8.869	117	288971	29.843	ng	99
19) n-Nitroso-di-n-propyla...	8.592	70	713472	42.380	ng	99
20) 3+4-Methylphenols	8.551	107	1079323	42.004	ng	99
22) Acetophenone	8.604	105	1456030	42.311	ng	99
24) Nitrobenzene	8.981	77	1045437	43.402	ng	98
25) Isophorone	9.510	82	2007832	43.923	ng	100
26) 2-Nitrophenol	9.686	139	475401	45.722	ng	98
27) 2,4-Dimethylphenol	9.751	122	934333	43.734	ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	1306450	43.748	ng	99
29) 2,4-Dichlorophenol	10.222	162	887017	44.867	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	830875	37.767	ng	99
31) Naphthalene	10.628	128	2714278	38.113	ng	100
32) Benzoic acid	9.845	122	281160	20.941	ng	98
33) 4-Chloroaniline	10.728	127	208080	6.853	ng	99
34) Hexachlorobutadiene	10.922	225	451045	34.468	ng	99
35) Caprolactam	11.498	113	211120	33.684	ng	97
36) 4-Chloro-3-methylphenol	11.851	107	909622	43.119	ng	100
37) 2-Methylnaphthalene	12.239	142	1787634	41.609	ng	98
38) 1-Methylnaphthalene	12.457	142	1857710	40.739	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	968442	43.663	ng	99
41) Hexachlorocyclopentadiene	12.598	237	1125098	83.526	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	676045	46.349	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050213.D
Acq On : 06 Jun 2025 14:06
Operator : RC/JU
Sample : Q2194-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-12MS

Quant Time: Jun 06 14:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

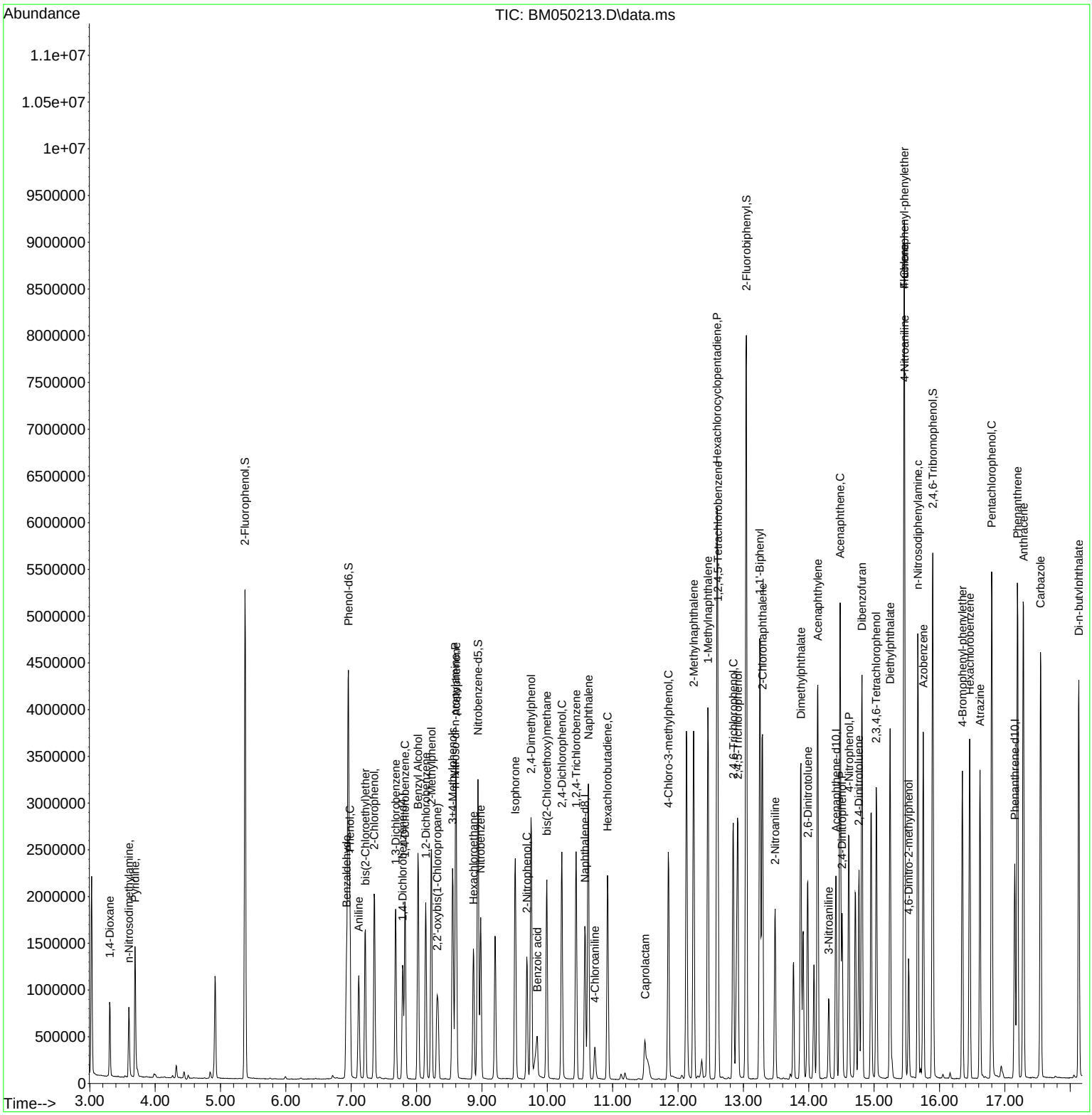
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	729356	45.543	ng		98
46) 1,1'-Biphenyl	13.251	154	2530450	43.996	ng		98
47) 2-Chloronaphthalene	13.292	162	1935364	43.283	ng		100
48) 2-Nitroaniline	13.486	65	477197	48.495	ng		97
49) Acenaphthylene	14.139	152	3153424	43.602	ng		100
50) Dimethylphthalate	13.880	163	2278169	43.855	ng		100
51) 2,6-Dinitrotoluene	13.986	165	488399	46.620	ng		98
52) Acenaphthene	14.480	154	2043709	45.178	ng		99
53) 3-Nitroaniline	14.304	138	232659	19.927	ng		96
54) 2,4-Dinitrophenol	14.510	184	379194	59.986	ng		98
55) Dibenzofuran	14.816	168	2842304	42.948	ng		99
56) 4-Nitrophenol	14.616	139	779304	78.421	ng		97
57) 2,4-Dinitrotoluene	14.768	165	648380	46.918	ng		99
58) Fluorene	15.463	166	2148065	42.377	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	599098	43.239	ng		92
60) Diethylphthalate	15.245	149	2186884	42.429	ng		99
61) 4-Chlorophenyl-phenyle...	15.463	204	1049834	42.854	ng		97
62) 4-Nitroaniline	15.468	138	426152	38.942	ng		98
63) Azobenzene	15.751	77	2199804	42.700	ng		99
65) 4,6-Dinitro-2-methylph...	15.527	198	287886	40.753	ng		97
66) n-Nitrosodiphenylamine	15.668	169	1858818	45.740	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	651215	47.215	ng		98
68) Hexachlorobenzene	16.462	284	746011	46.295	ng		99
69) Atrazine	16.621	200	607699	46.931	ng		100
70) Pentachlorophenol	16.798	266	960880	91.715	ng		99
71) Phenanthrene	17.192	178	3258540	44.102	ng		99
72) Anthracene	17.286	178	3285651	44.451	ng		99
73) Carbazole	17.545	167	2919116	43.350	ng		99
74) Di-n-butylphthalate	18.133	149	3333066	45.491	ng		100
75) Fluoranthene	19.203	202	3339548	42.860	ng		99
77) Benzidine	19.386	184	595875	19.152	ng		98
78) Pyrene	19.568	202	3471185	46.548	ng		99
80) Butylbenzylphthalate	20.480	149	1237003	49.729	ng		99
81) Benzo(a)anthracene	21.362	228	3166143	45.210	ng		100
82) 3,3'-Dichlorobenzidine	21.286	252	469675	21.992	ng		99
83) Chrysene	21.427	228	3012726	45.226	ng		98
84) Bis(2-ethylhexyl)phtha...	21.315	149	1858055	48.493	ng		99
85) Di-n-octyl phthalate	22.456	149	2955416	51.980	ng		100
87) Indeno(1,2,3-cd)pyrene	27.738	276	3987489	51.070	ng	#	92
88) Benzo(b)fluoranthene	23.433	252	3197636	45.355	ng		99
89) Benzo(k)fluoranthene	23.491	252	3221599	44.761	ng		100
90) Benzo(a)pyrene	24.233	252	3082761	46.506	ng		100
91) Dibenzo(a,h)anthracene	27.809	278	3199032	50.476	ng		99
92) Benzo(g,h,i)perylene	28.791	276	3296635	51.971	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050213.D
Acq On : 06 Jun 2025 14:06
Operator : RC/JU
Sample : Q2194-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-12MS

Quant Time: Jun 06 14:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050213.D
Acq On : 06 Jun 2025 14:06
Operator : RC/JU
Sample : Q2194-02MS
Misc :
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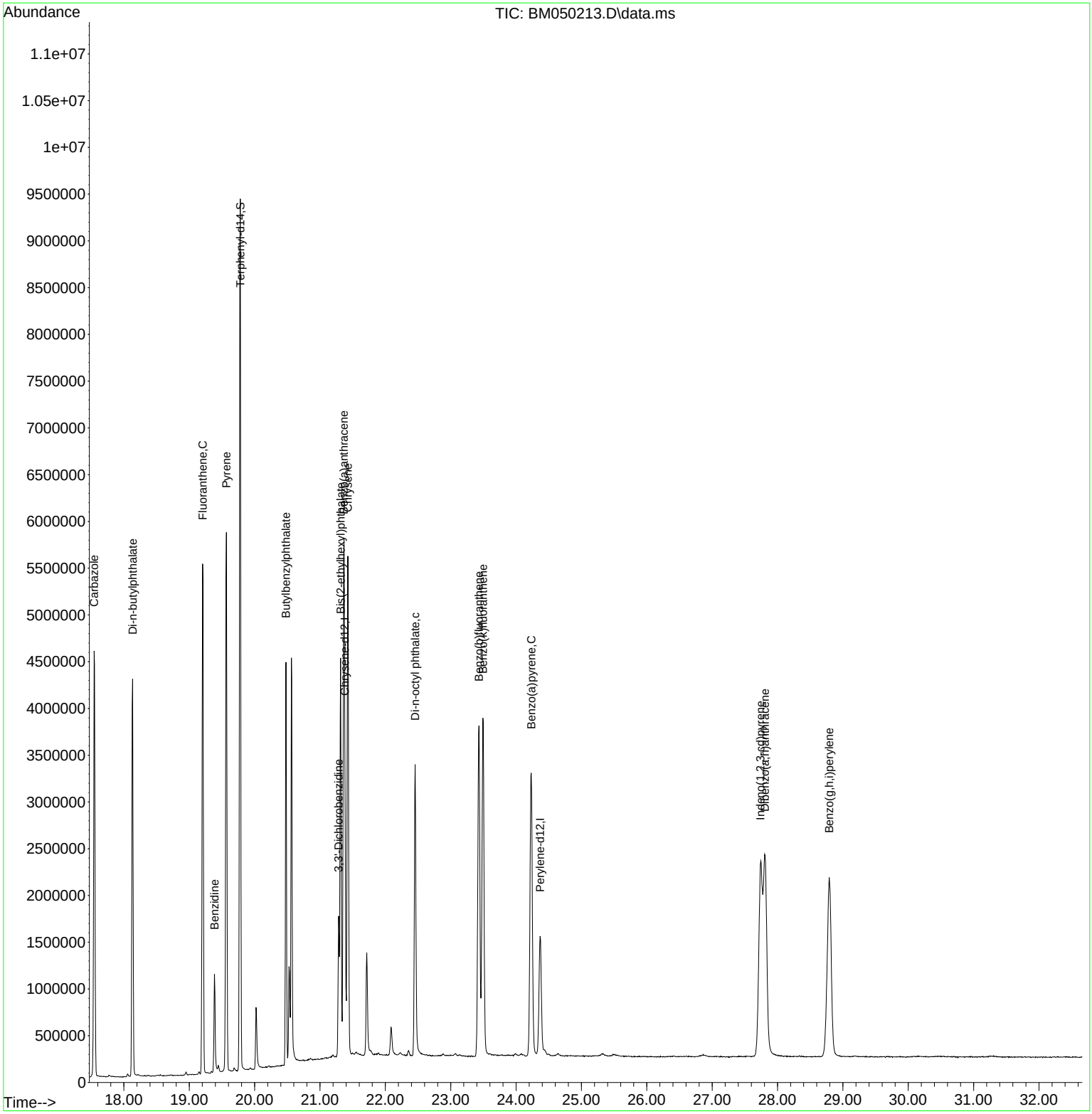
Instrument :
BNA_M
ClientSampleId :
COMP-12MS

Quant Time: Jun 06 14:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050214.D
Acq On : 06 Jun 2025 14:46
Operator : RC/JU
Sample : Q2194-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-12MSD

Quant Time: Jun 06 15:29:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	346679	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1352850	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	758249	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1299390	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1138990	20.000	ng	0.00
86) Perylene-d12	24.368	264	1259322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2583874	124.330	ng	0.00
7) Phenol-d6	6.957	99	3067628	112.129	ng	0.00
23) Nitrobenzene-d5	8.939	82	2162975	83.152	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1122169	130.113	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4448519	79.428	ng	0.00
79) Terphenyl-d14	19.780	244	4771812	79.392	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	320685	35.202	ng	# 80
3) Pyridine	3.693	79	867026	36.752	ng	99
4) n-Nitrosodimethylamine	3.599	42	203319	41.678	ng	94
6) Aniline	7.116	93	709317	19.612	ng	99
8) 2-Chlorophenol	7.357	128	1028153	44.977	ng	98
9) Benzaldehyde	6.928	77	405818	23.331	ng	99
10) Phenol	6.981	94	1127607	38.955	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	1006752	43.240	ng	98
12) 1,3-Dichlorobenzene	7.681	146	825524	32.303	ng	99
13) 1,4-Dichlorobenzene	7.822	146	859791	32.336	ng	100
14) 1,2-Dichlorobenzene	8.139	146	844067	33.299	ng	100
15) Benzyl Alcohol	8.022	79	881513	45.176	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.316	45	659390	40.769	ng	98
17) 2-Methylphenol	8.228	107	834273	43.681	ng	100
18) Hexachloroethane	8.869	117	303389	31.507	ng	99
19) n-Nitroso-di-n-propyla...	8.592	70	733685	43.824	ng	99
20) 3+4-Methylphenols	8.551	107	1122208	43.917	ng	99
22) Acetophenone	8.604	105	1496170	44.268	ng	99
24) Nitrobenzene	8.981	77	1072701	45.343	ng	100
25) Isophorone	9.510	82	2052018	45.705	ng	99
26) 2-Nitrophenol	9.686	139	500076	48.969	ng	99
27) 2,4-Dimethylphenol	9.751	122	959785	45.742	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1338710	45.643	ng	99
29) 2,4-Dichlorophenol	10.222	162	928425	47.815	ng	98
30) 1,2,4-Trichlorobenzene	10.439	180	870660	40.295	ng	99
31) Naphthalene	10.627	128	2817903	40.287	ng	99
32) Benzoic acid	9.851	122	306831	23.269	ng	99
33) 4-Chloroaniline	10.727	127	198866	6.669	ng	98
34) Hexachlorobutadiene	10.922	225	483210	37.597	ng	100
35) Caprolactam	11.492	113	218784	35.541	ng	99
36) 4-Chloro-3-methylphenol	11.851	107	937360	45.241	ng	100
37) 2-Methylnaphthalene	12.239	142	1851170	43.871	ng	98
38) 1-Methylnaphthalene	12.457	142	1939756	43.312	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1017405	46.467	ng	99
41) Hexachlorocyclopentadiene	12.598	237	1179961	88.739	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	698333	48.500	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050214.D
Acq On : 06 Jun 2025 14:46
Operator : RC/JU
Sample : Q2194-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-12MSD

Quant Time: Jun 06 15:29:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

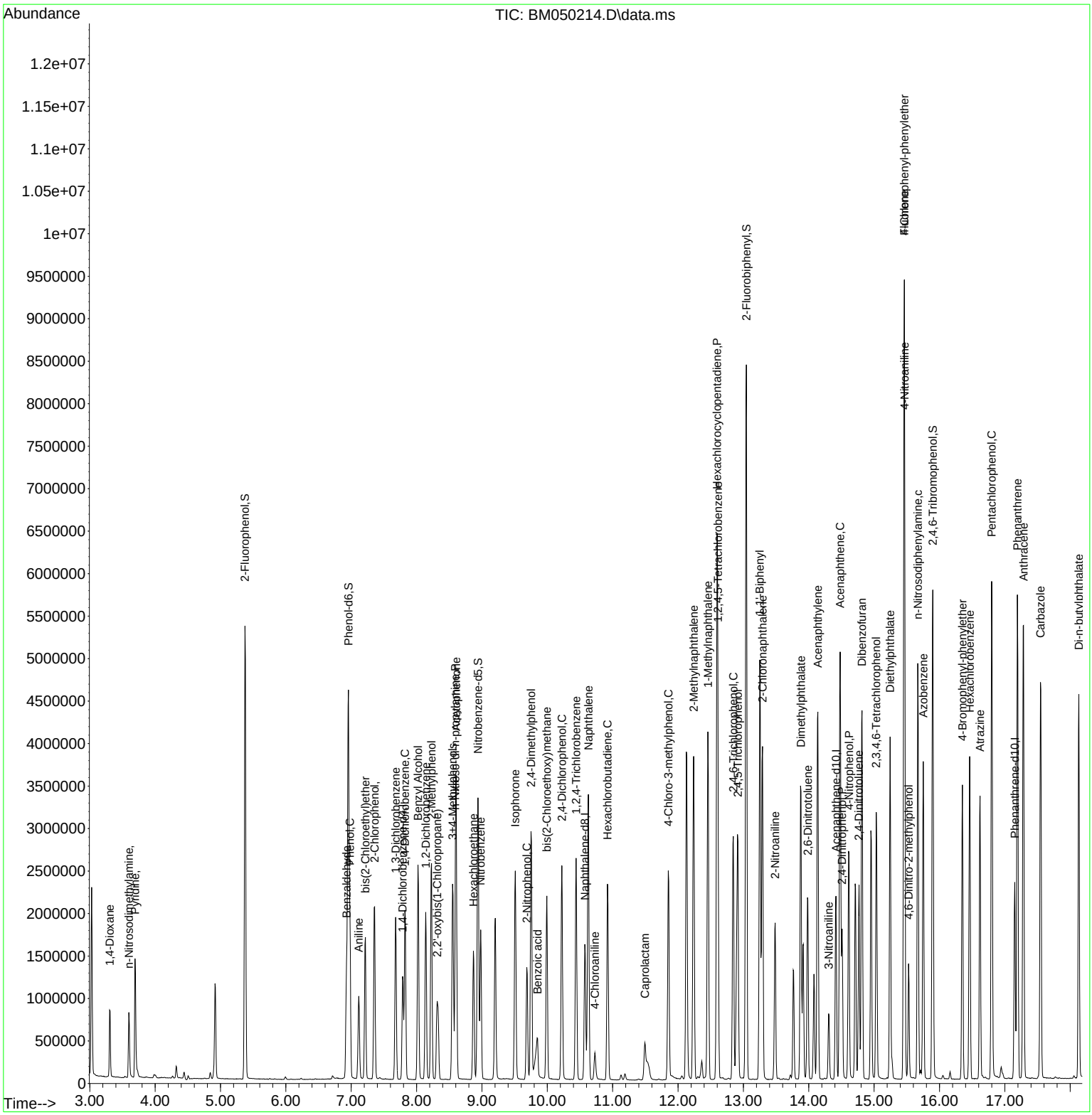
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	767542	48.551	ng		99
46) 1,1'-Biphenyl	13.251	154	2625883	46.249	ng		99
47) 2-Chloronaphthalene	13.292	162	1999316	45.295	ng		99
48) 2-Nitroaniline	13.486	65	490159	50.461	ng		97
49) Acenaphthylene	14.139	152	3263812	45.715	ng		100
50) Dimethylphthalate	13.880	163	2345250	45.734	ng		100
51) 2,6-Dinitrotoluene	13.986	165	501495	48.493	ng		97
52) Acenaphthene	14.480	154	2109603	47.242	ng		99
53) 3-Nitroaniline	14.304	138	213950	18.563	ng		97
54) 2,4-Dinitrophenol	14.510	184	391784	62.914	ng		97
55) Dibenzofuran	14.815	168	2933472	44.902	ng		100
56) 4-Nitrophenol	14.615	139	824021	83.999	ng		96
57) 2,4-Dinitrotoluene	14.768	165	679308	49.796	ng		99
58) Fluorene	15.462	166	2225190	44.470	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	626743	45.823	ng		93
60) Diethylphthalate	15.245	149	2268471	44.584	ng		99
61) 4-Chlorophenyl-phenyle...	15.462	204	1086187	44.914	ng		96
62) 4-Nitroaniline	15.468	138	452689	41.906	ng		99
63) Azobenzene	15.751	77	2261283	44.465	ng		99
65) 4,6-Dinitro-2-methylph...	15.527	198	303377	42.747	ng		98
66) n-Nitrosodiphenylamine	15.668	169	1929064	47.249	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	680727	49.127	ng		97
68) Hexachlorobenzene	16.462	284	773916	47.804	ng		99
69) Atrazine	16.621	200	635775	48.872	ng		99
70) Pentachlorophenol	16.798	266	1002846	95.277	ng		100
71) Phenanthrene	17.192	178	3388322	45.646	ng		99
72) Anthracene	17.286	178	3428718	46.172	ng		100
73) Carbazole	17.545	167	3064592	45.300	ng		100
74) Di-n-butylphthalate	18.133	149	3501656	47.570	ng		100
75) Fluoranthene	19.203	202	3506137	44.789	ng		98
77) Benzidine	19.386	184	550924	17.201	ng		99
78) Pyrene	19.568	202	3678874	47.922	ng		100
80) Butylbenzylphthalate	20.480	149	1338750	52.280	ng		100
81) Benzo(a)anthracene	21.362	228	3412641	47.336	ng		100
82) 3,3'-Dichlorobenzidine	21.286	252	478234	21.753	ng		98
83) Chrysene	21.427	228	3203963	46.721	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	2017255	51.142	ng		98
85) Di-n-octyl phthalate	22.456	149	3248139	55.495	ng		100
87) Indeno(1,2,3-cd)pyrene	27.744	276	4296977	52.994	ng	#	92
88) Benzo(b)fluoranthene	23.433	252	3428235	46.823	ng		99
89) Benzo(k)fluoranthene	23.497	252	3435270	45.960	ng		99
90) Benzo(a)pyrene	24.232	252	3318053	48.199	ng		99
91) Dibenzo(a,h)anthracene	27.815	278	3460522	52.578	ng		100
92) Benzo(g,h,i)perylene	28.797	276	3528136	53.558	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050214.D
Acq On : 06 Jun 2025 14:46
Operator : RC/JU
Sample : Q2194-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-12MSD

Quant Time: Jun 06 15:29:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050214.D
Acq On : 06 Jun 2025 14:46
Operator : RC/JU
Sample : Q2194-02MSD
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Instrument :
BNA_M
ClientSampleId :
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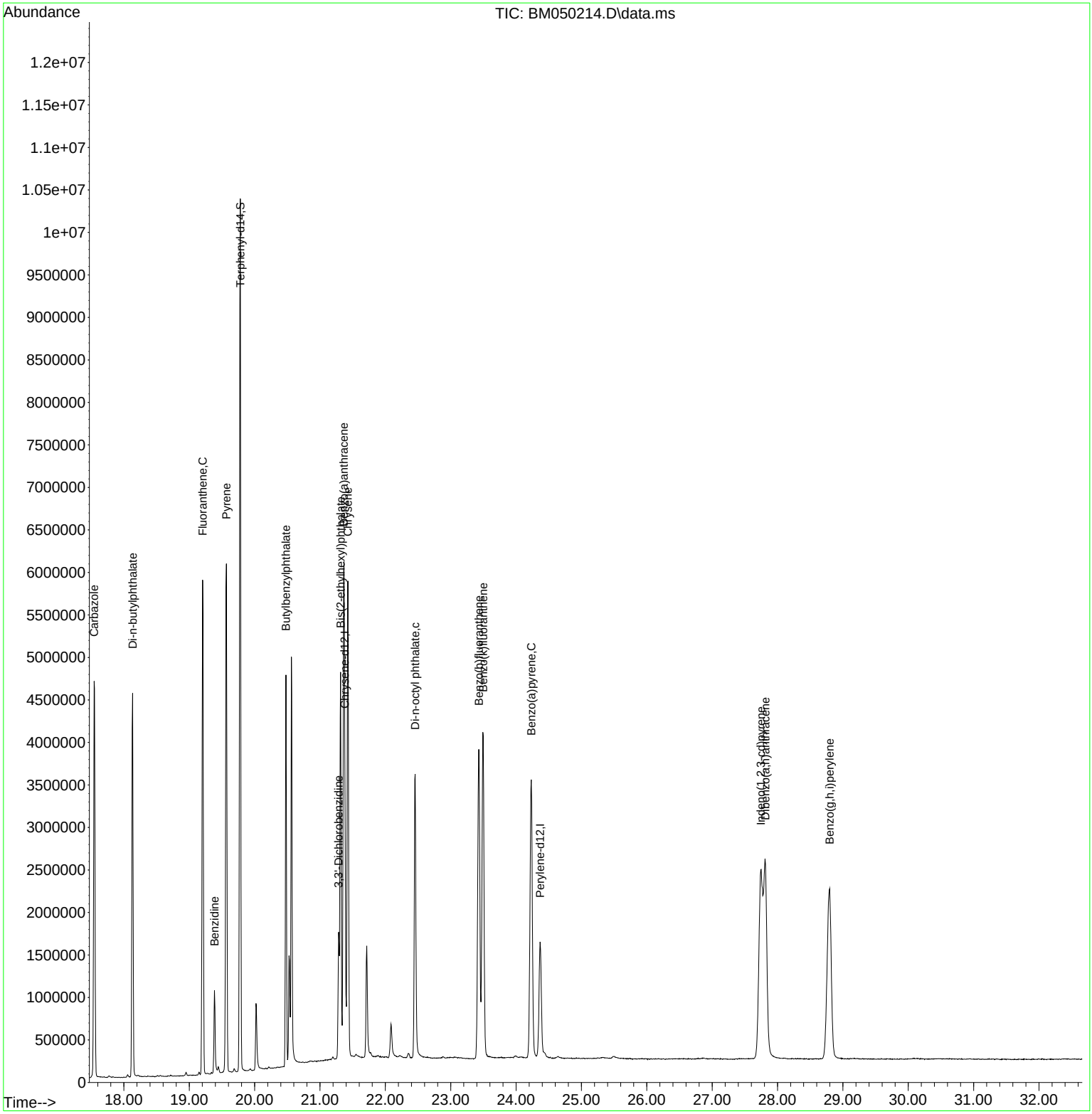
Quant Time: Jun 06 15:29:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



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

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:	BM060625	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM050206.D	2,3,4,6-Tetrachlorophenol	Rahul	6/9/2025 10:50:24 AM	Jagrut	6/9/2025 12:05:51 PM	Peak Integrated by Software
SSTDCCC040	BM050223.D	2,3,4,6-Tetrachlorophenol	Rahul	6/9/2025 10:50:43 AM	Jagrut	6/9/2025 12:06:05 PM	Peak Integrated by Software
PB168314BS	BM050225.D	2,3,4,6-Tetrachlorophenol	Rahul	6/9/2025 10:50:46 AM	Jagrut	6/9/2025 12:06:08 PM	Peak Integrated by Software

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Fax : 908 789 8922

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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Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060625

Review By	Rahul	Review On	6/9/2025 11:33:37 AM				
Supervise By	Jagrut	Supervise On	6/9/2025 12:06:36 PM				
SubDirectory	BM060625	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	BM050205.D	06 Jun 2025 08:50	RC/JU	Ok
2	SSTDCCC040	BM050206.D	06 Jun 2025 09:29	RC/JU	Ok,M
3	PB168269BL	BM050207.D	06 Jun 2025 10:08	RC/JU	Ok
4	PB168269BS	BM050208.D	06 Jun 2025 10:47	RC/JU	Ok,M
5	Q2177-03	BM050209.D	06 Jun 2025 11:27	RC/JU	Ok
6	Q2177-03MS	BM050210.D	06 Jun 2025 12:06	RC/JU	Ok,M
7	Q2177-03MSD	BM050211.D	06 Jun 2025 12:46	RC/JU	Ok
8	Q2194-02	BM050212.D	06 Jun 2025 13:26	RC/JU	Ok
9	Q2194-02MS	BM050213.D	06 Jun 2025 14:06	RC/JU	Ok
10	Q2194-02MSD	BM050214.D	06 Jun 2025 14:46	RC/JU	Ok
11	Q2194-04	BM050215.D	06 Jun 2025 15:26	RC/JU	Ok,M
12	Q2207-09	BM050216.D	06 Jun 2025 16:06	RC/JU	Ok,M
13	Q2207-18	BM050217.D	06 Jun 2025 16:45	RC/JU	Ok,M
14	Q2207-27	BM050218.D	06 Jun 2025 17:25	RC/JU	Ok
15	Q2207-36	BM050219.D	06 Jun 2025 18:05	RC/JU	Ok
16	Q2207-45	BM050220.D	06 Jun 2025 18:45	RC/JU	Ok
17	Q2208-09	BM050221.D	06 Jun 2025 19:24	RC/JU	Ok
18	DFTPP	BM050222.D	06 Jun 2025 20:43	RC/JU	Ok
19	SSTDCCC040	BM050223.D	06 Jun 2025 21:23	RC/JU	Ok,M
20	PB168314BL	BM050224.D	06 Jun 2025 22:03	RC/JU	Ok
21	PB168314BS	BM050225.D	06 Jun 2025 22:42	RC/JU	Ok,M

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060625

Review By	Rahul	Review On	6/9/2025 11:33:37 AM		
Supervise By	Jagrut	Supervise On	6/9/2025 12:06:36 PM		
SubDirectory	BM060625	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	

22	PB168271TB	BM050226.D	06 Jun 2025 23:22	RC/JU	Ok
23	Q2208-27	BM050227.D	07 Jun 2025 00:02	RC/JU	Ok
24	Q2208-36	BM050228.D	07 Jun 2025 00:41	RC/JU	Ok
25	Q2198-02	BM050229.D	07 Jun 2025 01:21	RC/JU	Ok
26	Q2198-04	BM050230.D	07 Jun 2025 02:01	RC/JU	Ok
27	Q2206-04	BM050231.D	07 Jun 2025 02:41	RC/JU	Ok
28	Q2177-05	BM050232.D	07 Jun 2025 03:20	RC/JU	Ok
29	Q2177-07	BM050233.D	07 Jun 2025 04:00	RC/JU	Ok
30	Q2208-18	BM050234.D	07 Jun 2025 04:39	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # 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

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060625

Review By	Rahul	Review On	6/9/2025 11:33:37 AM		
Supervise By	Jagrut	Supervise On	6/9/2025 12:06:36 PM		
SubDirectory	BM060625	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	BM050205.D	06 Jun 2025 08:50		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050206.D	06 Jun 2025 09:29		RC/JU	Ok,M
3	PB168269BL	PB168269BL	BM050207.D	06 Jun 2025 10:08		RC/JU	Ok
4	PB168269BS	PB168269BS	BM050208.D	06 Jun 2025 10:47		RC/JU	Ok,M
5	Q2177-03	B-187-SB01	BM050209.D	06 Jun 2025 11:27		RC/JU	Ok
6	Q2177-03MS	B-187-SB01MS	BM050210.D	06 Jun 2025 12:06		RC/JU	Ok,M
7	Q2177-03MSD	B-187-SB01MSD	BM050211.D	06 Jun 2025 12:46		RC/JU	Ok
8	Q2194-02	COMP-12	BM050212.D	06 Jun 2025 13:26		RC/JU	Ok
9	Q2194-02MS	COMP-12MS	BM050213.D	06 Jun 2025 14:06		RC/JU	Ok
10	Q2194-02MSD	COMP-12MSD	BM050214.D	06 Jun 2025 14:46		RC/JU	Ok
11	Q2194-04	COMP-13	BM050215.D	06 Jun 2025 15:26		RC/JU	Ok,M
12	Q2207-09	BU-703-COMP-01	BM050216.D	06 Jun 2025 16:06		RC/JU	Ok,M
13	Q2207-18	BU-703-COMP-02	BM050217.D	06 Jun 2025 16:45		RC/JU	Ok,M
14	Q2207-27	BU-703-COMP-03	BM050218.D	06 Jun 2025 17:25		RC/JU	Ok
15	Q2207-36	BU-703-COMP-04	BM050219.D	06 Jun 2025 18:05		RC/JU	Ok
16	Q2207-45	BU-703-COMP-05	BM050220.D	06 Jun 2025 18:45		RC/JU	Ok
17	Q2208-09	BU-703-COMP-06	BM050221.D	06 Jun 2025 19:24		RC/JU	Ok
18	DFTPP	DFTPP	BM050222.D	06 Jun 2025 20:43		RC/JU	Ok

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060625

Review By	Rahul	Review On	6/9/2025 11:33:37 AM		
Supervise By	Jagrut	Supervise On	6/9/2025 12:06:36 PM		
SubDirectory	BM060625	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	

19	SSTDCCC040	SSTDCCC040	BM050223.D	06 Jun 2025 21:23		RC/JU	Ok,M
20	PB168314BL	PB168314BL	BM050224.D	06 Jun 2025 22:03		RC/JU	Ok
21	PB168314BS	PB168314BS	BM050225.D	06 Jun 2025 22:42		RC/JU	Ok,M
22	PB168271TB	PB168271TB	BM050226.D	06 Jun 2025 23:22		RC/JU	Ok
23	Q2208-27	BU-703-COMP-08	BM050227.D	07 Jun 2025 00:02		RC/JU	Ok
24	Q2208-36	BU-703-COMP-09	BM050228.D	07 Jun 2025 00:41		RC/JU	Ok
25	Q2198-02	B-202-SB02	BM050229.D	07 Jun 2025 01:21		RC/JU	Ok
26	Q2198-04	B-207-SB02	BM050230.D	07 Jun 2025 02:01		RC/JU	Ok
27	Q2206-04	TP-1	BM050231.D	07 Jun 2025 02:41		RC/JU	Ok
28	Q2177-05	B-187-SB02	BM050232.D	07 Jun 2025 03:20		RC/JU	Ok
29	Q2177-07	B-202-SB01	BM050233.D	07 Jun 2025 04:00		RC/JU	Ok
30	Q2208-18	BU-703-COMP-07	BM050234.D	07 Jun 2025 04:39		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168271

SOP ID : M1311-TCLP-16

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-1 / 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 : 10 N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : JP

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
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. q2208-36 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/05/25 11:30	JP ICP ROOM	JP RS 1 EXT
	Preparation Group	Analysis Group 1021 1214

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168271

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
PB168271TB	LEB271	16	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2192-01	SB-1	01	100.02	2000	N/A	N/A	N/A	8.2	1.0	T-1
Q2194-02	COMP-12	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2194-04	COMP-13	03	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2198-02	B-202-SB02	04	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2198-04	~~B-207-SB01~~ B-207-SB02	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2206-04	TP-1 SB	06	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2207-09	BU-703-COMP-01 06-11-	07	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q2207-18	BU-703-COMP-02 2025	08	100.04	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2207-27	BU-703-COMP-03	09	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2207-36	BU-703-COMP-04	10	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2207-45	BU-703-COMP-05	11	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q2208-09	BU-703-COMP-06	12	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q2208-18	BU-703-COMP-07	13	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q2208-27	BU-703-COMP-08	14	100.01	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q2208-36	BU-703-COMP-09	15	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2

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TCLP Solid Determination

PB168271

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168271TB	LEB271	N/A	N/A	N/A	N/A	N/A	N/A
Q2192-01	SB-1	N/A	N/A	N/A	N/A	100	N/A
Q2194-02	COMP-12	N/A	N/A	N/A	N/A	100	N/A
Q2194-04	COMP-13	N/A	N/A	N/A	N/A	100	N/A
Q2198-02	B-202-SB02	N/A	N/A	N/A	N/A	100	N/A
Q2198-04	~~B-207-SB01~~ B-207-SB02	N/A	N/A	N/A	N/A	100	N/A
Q2206-04	TP-1	N/A	N/A	N/A	N/A	100	N/A
Q2207-09	BU-703-COMP-01 06-11-2025	N/A	N/A	N/A	N/A	100	N/A
Q2207-18	BU-703-COMP-02	N/A	N/A	N/A	N/A	100	N/A
Q2207-27	BU-703-COMP-03	N/A	N/A	N/A	N/A	100	N/A
Q2207-36	BU-703-COMP-04	N/A	N/A	N/A	N/A	100	N/A
Q2207-45	BU-703-COMP-05	N/A	N/A	N/A	N/A	100	N/A
Q2208-09	BU-703-COMP-06	N/A	N/A	N/A	N/A	100	N/A
Q2208-18	BU-703-COMP-07	N/A	N/A	N/A	N/A	100	N/A
Q2208-27	BU-703-COMP-08	N/A	N/A	N/A	N/A	100	N/A
Q2208-36	BU-703-COMP-09	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB168271

Hot Block ID : WC S-1 / WC S-2

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
PB168271TB	LEB271	N/A	N/A	N/A	N/A	#1	4.94
Q2192-01	SB-1	5.02	96.5	9.5	4.0	#1	4.94
Q2194-02	COMP-12	5.03	96.5	8.4	3.5	#1	4.94
Q2194-04	COMP-13	5.02	96.5	8.2	3.5	#1	4.94
Q2198-02	B-202-SB02	5.02	96.5	6.6	2.5	#1	4.94
Q2198-04	~~B-207-SB~~01 B-207-SB02	5.03	96.5	8.0	3.0	#1	4.94
Q2206-04	TP-1 JP	5.02	96.5	7.6	2.5	#1	4.94
Q2207-09	BU-703-COMP-01	5.03	96.5	7.0	2.0	#1	4.94
Q2207-18	BU-703-COMP-02 06-11-2025	5.02	96.5	5.5	1.5	#1	4.94
Q2207-27	BU-703-COMP-03	5.01	96.5	6.0	2.0	#1	4.94
Q2207-36	BU-703-COMP-04	5.02	96.5	7.2	2.0	#1	4.94
Q2207-45	BU-703-COMP-05	5.03	96.5	5.5	1.5	#1	4.94
Q2208-09	BU-703-COMP-06	5.02	96.5	5.6	2.0	#1	4.94
Q2208-18	BU-703-COMP-07	5.03	96.5	5.5	1.5	#1	4.94
Q2208-27	BU-703-COMP-08	5.02	96.5	6.0	2.0	#1	4.94
Q2208-36	BU-703-COMP-09	5.01	96.5	7.0	2.5	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q2198 **WorkList ID :** 189914 **Department :** TCLP Extraction **Date :** 06-04-2025 09:51:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2192-01	SB-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L21	06/03/2025	1311
Q2194-02	COMP-12	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	06/03/2025	1311
Q2194-04	COMP-13	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	06/03/2025	1311
Q2198-02	B-202-SB02	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	06/03/2025	1311
Q2198-04	~~B-207-SB01~~ B-207-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	N22	05/31/2025	1311
Q2206-04	TP-1	Solid	TCLP Extraction	Cool 4 deg C	PORT06	N22	06/01/2025	1311
Q2207-09	BU-703-COMP-01	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/04/2025	1311
Q2207-18	BU-703-COMP-02	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2207-27	BU-703-COMP-03	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2207-36	BU-703-COMP-04	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2207-45	BU-703-COMP-05	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2208-09	BU-703-COMP-06	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2208-18	BU-703-COMP-07	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2208-27	BU-703-COMP-08	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2208-36	BU-703-COMP-09	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311

Date/Time 06/04/25 12:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 06/04/25 17:30

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168314

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: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 06/05/2025

Extraction Start Time : 11:44

Extraction End Date : 06/05/2025

Extraction End Time : 16:50

Concentration By: EH

Supervisor By : RUPESH

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
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/5/25	RS (Ext-lab)	JH/ SVOC
16:55	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168314

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 06/05/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168271TB	PB168271TB	TCLP BNA	100	6	RUPESH	ritesh	1			SEP-1
PB168314BL	PB168314BL	TCLP BNA	1000	6	RUPESH	ritesh	1			2
PB168314BS	PB168314BS	TCLP BNA	1000	6	RUPESH	ritesh	1			3
Q2194-02	COMP-12	TCLP BNA	100	6	RUPESH	ritesh	1	A		4
Q2194-02MS	COMP-12MS	TCLP BNA	100	6	RUPESH	ritesh	1	A		5
Q2194-02MSD	COMP-12MSD	TCLP BNA	100	6	RUPESH	ritesh	1	A		6
Q2194-04	COMP-13	TCLP BNA	100	6	RUPESH	ritesh	1	A		7
Q2198-02	B-202-SB02	TCLP BNA	100	6	RUPESH	ritesh	1	A		8
Q2198-04	B-207-SB01	TCLP BNA	100	6	RUPESH	ritesh	1	A		9
Q2206-04	TP-1	TCLP BNA	100	6	RUPESH	ritesh	1	A		10
Q2207-09	BU-703-COMP-01	TCLP BNA	100	6	RUPESH	ritesh	1	A		11
Q2207-18	BU-703-COMP-02	TCLP BNA	100	6	RUPESH	ritesh	1	A		12
Q2207-27	BU-703-COMP-03	TCLP BNA	100	6	RUPESH	ritesh	1	A		13
Q2207-36	BU-703-COMP-04	TCLP BNA	100	6	RUPESH	ritesh	1	A		14
Q2207-45	BU-703-COMP-05	TCLP BNA	100	6	RUPESH	ritesh	1	AA		15
Q2208-09	BU-703-COMP-06	TCLP BNA	100	6	RUPESH	ritesh	1	A		16
Q2208-18	BU-703-COMP-07	TCLP BNA	100	6	RUPESH	ritesh	1	A		SEP-1
Q2208-27	BU-703-COMP-08	TCLP BNA	100	6	RUPESH	ritesh	1	A		2
Q2208-36	BU-703-COMP-09	TCLP BNA	100	6	RUPESH	ritesh	1	A		3

RS 6/5

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

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168271

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
PB168271TB	LEB271	16	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2192-01	SB-1	01	100.02	2000	N/A	N/A	N/A	8.2	1.0	T-1
Q2194-02	COMP-12	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2194-04	COMP-13	03	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2198-02	B-202-SB02	04	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2198-04	B-207-SB01	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2206-04	TP-1	06	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2207-09	BU-703-COMP-01	07	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q2207-18	BU-703-COMP-02	08	100.04	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2207-27	BU-703-COMP-03	09	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2207-36	BU-703-COMP-04	10	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2207-45	BU-703-COMP-05	11	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q2208-09	BU-703-COMP-06	12	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q2208-18	BU-703-COMP-07	13	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q2208-27	BU-703-COMP-08	14	100.01	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q2208-36	BU-703-COMP-09	15	100.02	2000	N/A	N/A	N/A	5.6	1.0	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:	Q2198	**OrderDate:**	6/3/2025 2:31:00 PM
Client:	Portal Partners Tri-Venture	**Project:**	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	**Location:**	N22,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2198-02	**B-202-SB02**	**TCLP**			**05/31/25**			**06/03/25**
			TCLP BNA	8270E		06/05/25	06/07/25	
Q2198-04	**B-207-SB02**	**TCLP**			**06/01/25**			**06/03/25**
			TCLP BNA	8270E		06/05/25	06/07/25	