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

Hit Summary Sheet
SW-846

SDG No.: Q2377

Client: JACOBS Engineering Group, Inc.

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: **BN037362.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/19/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/19/25
Client Sample ID:	PW-B6-L66-061925	SDG No.:	Q2377
Lab Sample ID:	Q2377-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037362.D	1	06/20/25 12:03	06/20/25 22:52	PB168563

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.33		30 (20) - 150 (139)	83%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 (54) - 150 (157)	94%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.31		30 (27) - 130 (154)	77%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (30) - 130 (155)	88%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.42		30 (54) - 130 (175)	105%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1840	7.568			
1146-65-2	Naphthalene-d8	4230	10.351			
15067-26-2	Acenaphthene-d10	2930	14.213			
1517-22-2	Phenanthrene-d10	6080	16.971			
1719-03-5	Chrysene-d12	5240	21.162			
1520-96-3	Perylene-d12	5350	23.348			

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

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

QC SUMMARY

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

SW-846

SDG No.: Q2377

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168563BL	PB168563BL	2-Methylnaphthalene-d10	0.4	0.32	81		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	93		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.30	75		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.33	81		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.37	93		30 (54)	130 (175)
PB168563BS	PB168563BS	2-Methylnaphthalene-d10	0.4	0.49	123		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	86		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.39	97		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.39	98		30 (54)	130 (175)
PB168563BSD	PB168563BSD	2-Methylnaphthalene-d10	0.4	0.39	97		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	86		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.39	97		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	99		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.38	94		30 (54)	130 (175)
Q2377-01	PW-B6-L66-061925	2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.38	94		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.31	77		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	88		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.42	105		30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2377

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified **DataFile:** BN037363.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168563BS	1,4-Dioxane	0.4	0.32	ug/L	80				20 (65)	160 (116)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2377

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270-Modified **DataFile:** BN037364.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168563BSD	1,4-Dioxane	0.4	0.30	ug/L	75	6			20 (65)	160 (116)	20 (27)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168563BL

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2377 SAS No.: Q2377 SDG NO.: Q2377

Lab File ID: BN037361.D Lab Sample ID: PB168563BL

Instrument ID: BNA_N Date Extracted: 06/20/2025

Matrix: (soil/water) Water Date Analyzed: 06/20/2025

Level: (low/med) LOW Time Analyzed: 22:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168563BS	PB168563BS	BN037363.D	06/20/2025
PW-B6-L66-061925	Q2377-01	BN037362.D	06/20/2025
PB168563BSD	PB168563BSD	BN037364.D	06/21/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM SAS No.: Q2377 SDG NO.: Q2377

Lab File ID: BN037351.D DFTPP Injection Date: 06/20/2025

Instrument ID: BNA_N DFTPP Injection Time: 15:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.7) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	85.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.4 (20) 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
SSTDICC0.1	SSTDICC0.1	BN037353.D	06/20/2025	16:51
SSTDICC0.2	SSTDICC0.2	BN037354.D	06/20/2025	17:27
SSTDICCC0.4	SSTDICCC0.4	BN037355.D	06/20/2025	18:03
SSTDICC0.8	SSTDICC0.8	BN037356.D	06/20/2025	18:39
SSTDICC1.6	SSTDICC1.6	BN037357.D	06/20/2025	19:15
SSTDICC3.2	SSTDICC3.2	BN037358.D	06/20/2025	19:51
SSTDICC5.0	SSTDICC5.0	BN037359.D	06/20/2025	20:27
PB168563BL	PB168563BL	BN037361.D	06/20/2025	22:16
PW-B6-L66-061925	Q2377-01	BN037362.D	06/20/2025	22:52
PB168563BS	PB168563BS	BN037363.D	06/20/2025	23:28
PB168563BSD	PB168563BSD	BN037364.D	06/21/2025	00:04

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2377 SAS No.: Q2377 SDG NO.: Q2377

EPA Sample No.: SSTDICCC0.4 Date Analyzed: 06/20/2025

Lab File ID: BN037355.D Time Analyzed: 18:03

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	1912	7.568	4157	10.34	2811	14.21
	UPPER LIMIT	3824	8.068	8314	10.84	5622	14.713
	LOWER LIMIT	956	7.068	2078.5	9.84	1405.5	13.713
	EPA SAMPLE NO.						
01	PB168563BL	1968	7.57	4045	10.35	2736	14.22
02	PB168563BS	1960	7.57	4204	10.34	2586	14.21
03	PB168563BSD	1885	7.57	4095	10.34	2623	14.21
04	PW-B6-L66-061925	1844	7.57	4234	10.35	2932	14.21

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.: Q2377 SAS No.: Q2377 SDG NO.: Q2377

EPA Sample No.: SSTDICCC0.4 Date Analyzed: 06/20/2025

Lab File ID: BN037355.D Time Analyzed: 18:03

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	5776	16.971	4813	21.171	4943	23.354
	UPPER LIMIT	11552	17.471	9626	21.671	9886	23.854
	LOWER LIMIT	2888	16.471	2406.5	20.671	2471.5	22.854
	EPA SAMPLE NO.						
01	PB168563BL	4864	16.98	4288	21.17	3457	23.36
02	PB168563BS	4830	16.97	3875	21.17	2749	23.35
03	PB168563BSD	5035	16.97	4193	21.16	4470	23.35
04	PW-B6-L66-061925	6082	16.97	5238	21.16	5349	23.35

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

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

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

QC SAMPLE DATA

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168563BL	SDG No.:	Q2377
Lab Sample ID:	PB168563BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037361.D	1	06/20/25 12:03	06/20/25 22:16	PB168563

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.32		30 (20) - 150 (139)	81%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	93%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.30		30 (27) - 130 (154)	75%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.33		30 (30) - 130 (155)	81%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		30 (54) - 130 (175)	93%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1970	7.568			
1146-65-2	Naphthalene-d8	4050	10.351			
15067-26-2	Acenaphthene-d10	2740	14.224			
1517-22-2	Phenanthrene-d10	4860	16.984			
1719-03-5	Chrysene-d12	4290	21.171			
1520-96-3	Perylene-d12	3460	23.357			

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: **BN037363.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168563BS	SDG No.:	Q2377
Lab Sample ID:	PB168563BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037363.D	1	06/20/25 12:03	06/20/25 23:28	PB168563

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.32		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.49		30 (20) - 150 (139)	123%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (54) - 150 (157)	86%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.37		30 (27) - 130 (154)	92%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.39		30 (30) - 130 (155)	97%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.39		30 (54) - 130 (175)	98%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1960	7.568			
1146-65-2	Naphthalene-d8	4200	10.34			
15067-26-2	Acenaphthene-d10	2590	14.213			
1517-22-2	Phenanthrene-d10	4830	16.971			
1719-03-5	Chrysene-d12	3880	21.171			
1520-96-3	Perylene-d12	2750	23.351			

U = Not Detected
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LOD = Limit of Detection
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Raw Data: **BN037364.D**

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168563BSD	SDG No.:	Q2377
Lab Sample ID:	PB168563BSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037364.D	1	06/20/25 12:03	06/21/25 00:04	PB168563

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.30		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.39		30 (20) - 150 (139)	97%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (54) - 150 (157)	86%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.39		30 (27) - 130 (154)	97%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		30 (30) - 130 (155)	99%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.38		30 (54) - 130 (175)	94%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1890	7.568			
1146-65-2	Naphthalene-d8	4100	10.34			
15067-26-2	Acenaphthene-d10	2620	14.213			
1517-22-2	Phenanthrene-d10	5040	16.971			
1719-03-5	Chrysene-d12	4190	21.162			
1520-96-3	Perylene-d12	4470	23.354			

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

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN062125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 20 23:41:54 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037353.D 0.2 =BN037354.D 0.4 =BN037355.D 0.8 =BN037356.D 1.6 =BN037357.D 3.2 =BN037358.D 5 =BN037359.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane		0.506	0.390	0.412	0.417	0.370	0.346	0.407	13.63
3)		n-Nitrosodimet...		0.392	0.394	0.367	0.391	0.354	0.338	0.373	6.37
4)	S	2-Fluorophenol	0.854	0.818	0.751	0.781	0.834	0.786	0.771	0.799	4.65
5)	S	Phenol-d6	0.781	0.766	0.766	0.785	0.891	0.878	0.896	0.823	7.45
6)		bis(2-Chloroet...	0.719	0.546	0.707	0.738	0.826	0.786	0.791	0.730	12.59
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.254	0.292	0.319	0.318	0.363	0.354	0.361	0.323	12.43
9)		Naphthalene	1.056	1.056	1.046	1.014	1.105	1.052	1.063	1.056	2.54
10)		Hexachlorobuta...	0.452	0.434	0.441	0.407	0.424	0.384	0.376	0.417	6.95
11)	SURR	2-Methylnaphth...	0.619	0.638	0.666	0.610	0.666	0.664	0.675	0.648	3.96
12)		2-Methylnaphth...	0.703	0.692	0.711	0.704	0.777	0.778	0.787	0.736	5.73
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.219	0.226	0.230	0.231	0.253	0.238	0.246	0.235	4.96
15)	S	2-Fluorobiphenyl	1.705	1.675	1.777	1.714	1.897	1.752	1.778	1.757	4.15
16)		Acenaphthylene	1.646	1.636	1.597	1.595	1.797	1.717	1.786	1.682	5.06
17)		Acenaphthene	1.108	1.070	1.061	1.051	1.174	1.123	1.160	1.107	4.40
18)		Fluorene	1.499	1.470	1.506	1.490	1.660	1.605	1.660	1.556	5.34
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.070	0.079	0.097	0.110	0.107	0.114	0.096	18.63
21)		4-Bromophenyl-...	0.264	0.267	0.279	0.284	0.305	0.295	0.299	0.285	5.55
22)		Hexachlorobenzene	0.322	0.319	0.314	0.304	0.324	0.296	0.292	0.310	4.11
23)		Atrazine	0.221	0.215	0.218	0.220	0.239	0.239	0.238	0.227	4.74
24)		Pentachlorophenol		0.131	0.137	0.157	0.169	0.161	0.170	0.154	10.69
25)		Phenanthrene	1.108	1.075	1.104	1.139	1.242	1.221	1.222	1.158	5.88
26)		Anthracene	0.993	0.984	0.990	1.054	1.150	1.137	1.171	1.068	7.75
27)	SURR	Fluoranthene-d10	1.097	1.070	1.161	1.166	1.235	1.151	1.158	1.148	4.62
28)		Fluoranthene	1.412	1.343	1.367	1.492	1.605	1.512	1.518	1.464	6.39
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.726	1.690	1.660	1.444	1.572	1.642	1.643	1.625	5.73
31)	S	Terphenyl-d14	0.949	0.911	0.925	0.829	0.909	0.935	0.921	0.912	4.25
32)		Benzo(a)anthra...	1.309	1.168	1.216	1.278	1.431	1.372	1.429	1.315	7.76
33)		Chrysene	1.752	1.706	1.611	1.481	1.586	1.528	1.495	1.594	6.52
34)		Bis(2-ethylhex...		0.606	0.541	0.487	0.520	0.531	0.554	0.540	7.34
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN062125.M

36)		Indeno(1,2,3-c...	1.741	1.715	1.695	1.761	1.974	1.819	1.856	1.794	5.42
37)		Benzo(b)fluora...	1.428	1.380	1.444	1.392	1.541	1.532	1.587	1.472	5.50
38)		Benzo(k)fluora...	1.576	1.593	1.569	1.466	1.671	1.617	1.686	1.597	4.59
39)	C	Benzo(a)pyrene	1.320	1.249	1.274	1.247	1.399	1.348	1.395	1.319	4.90
40)		Dibenzo(a,h)an...	1.179	1.185	1.236	1.355	1.561	1.446	1.478	1.348	11.32
41)		Benzo(g,h,i)pe...	1.620	1.554	1.589	1.560	1.720	1.577	1.598	1.603	3.53

(#) = Out of Range

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037362.D
Acq On : 20 Jun 2025 22:52
Operator : RC/JU
Sample : Q2377-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PW-B6-L66-061925

Quant Time: Jun 20 23:51:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

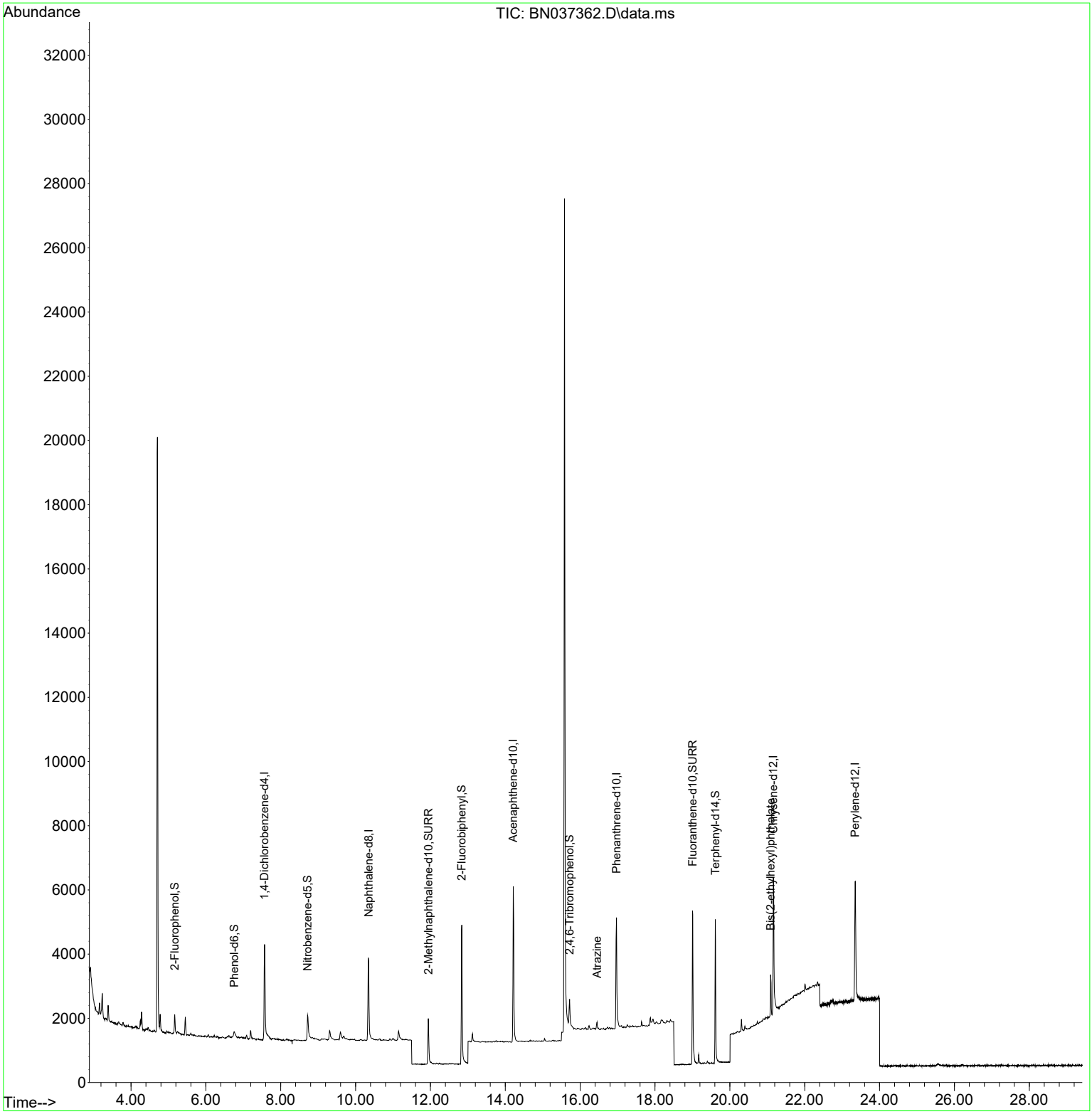
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1844	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	4234	0.400	ng	# 0.01
13) Acenaphthene-d10	14.213	164	2932	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	6082	0.400	ng	# 0.00
29) Chrysene-d12	21.162	240	5238	0.400	ng	0.00
35) Perylene-d12	23.348	264	5349	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	526	0.143	ng	0.00
5) Phenol-d6	6.759	99	262	0.069	ng	0.00
8) Nitrobenzene-d5	8.717	82	1049	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	11.945	152	2285	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	628	0.365	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	4543	0.353	ng	0.00
27) Fluoranthene-d10	19.003	212	6541	0.375	ng	0.00
31) Terphenyl-d14	19.612	244	5026	0.421	ng	0.00
Target Compounds						Qvalue
23) Atrazine	16.450	200	219	0.063	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.090	149	1173	0.166	ng	99

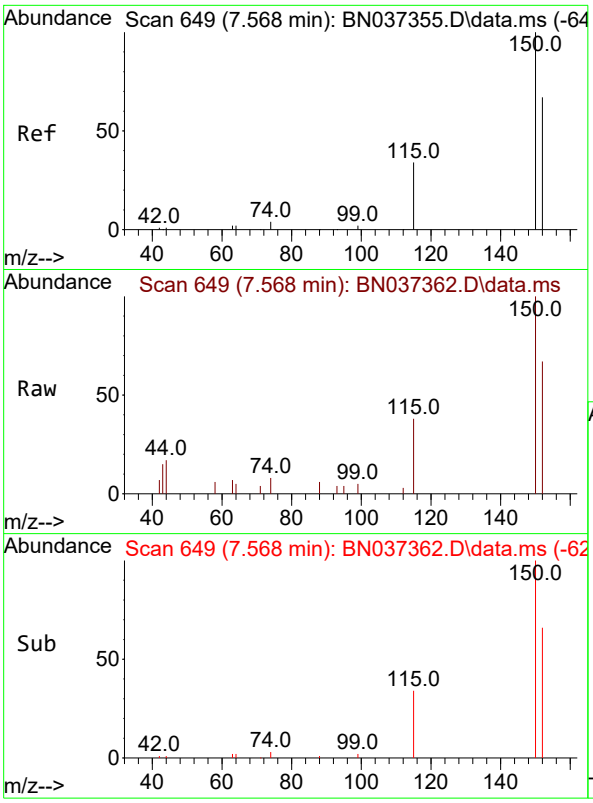
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037362.D
Acq On : 20 Jun 2025 22:52
Operator : RC/JU
Sample : Q2377-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PW-B6-L66-061925

Quant Time: Jun 20 23:51:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration



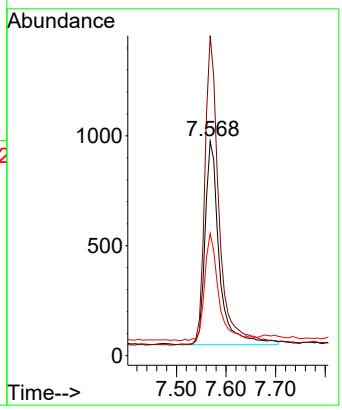


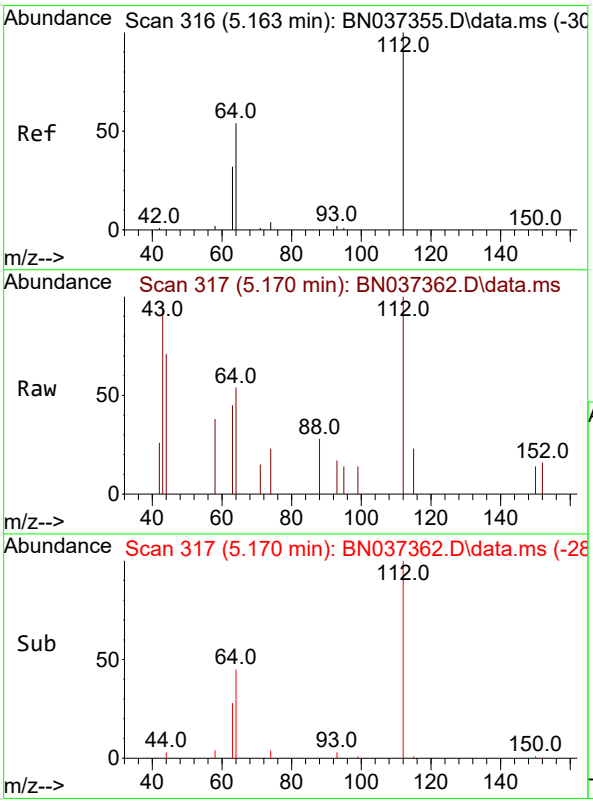
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Instrument :
BNA_N
ClientSampleId :
PW-B6-L66-061925

Tgt Ion:152 Resp: 1844

Ion	Ratio	Lower	Upper
152	100		
150	149.3	112.7	169.1
115	57.0	45.9	68.9

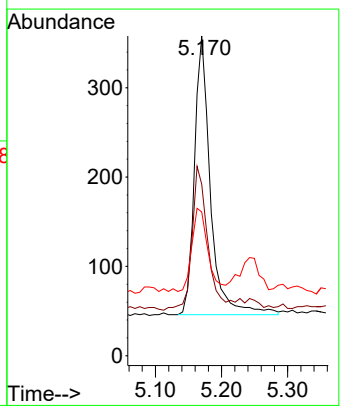


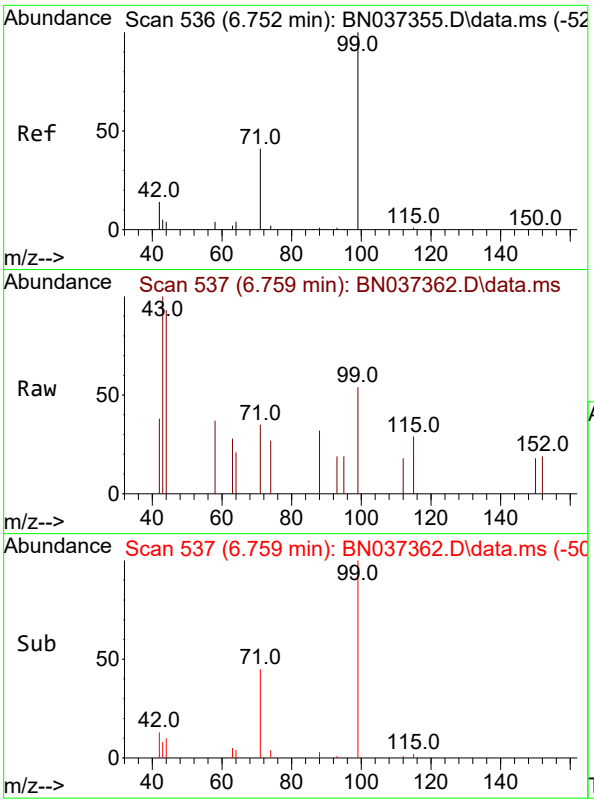


#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Tgt Ion:112 Resp: 526

Ion	Ratio	Lower	Upper
112	100		
64	51.5	38.7	58.1
63	31.0	26.4	39.6



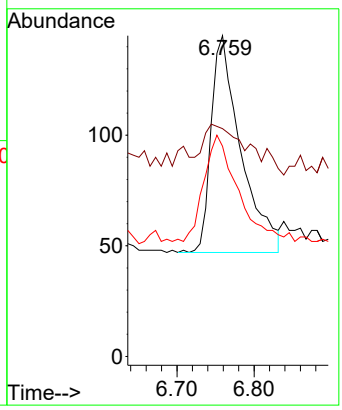


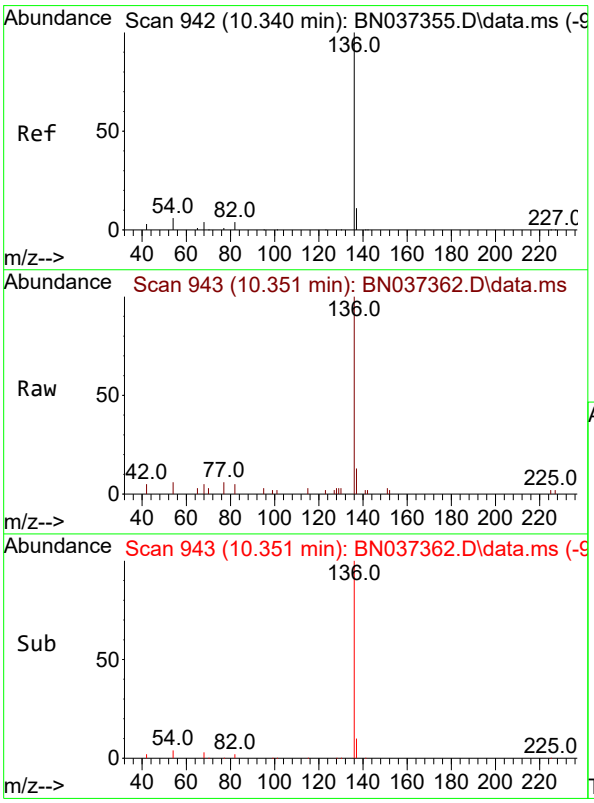
#5
Phenol-d6
Concen: 0.069 ng
RT: 6.759 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Instrument :
BNA_N
ClientSampleId :
PW-B6-L66-061925

Tgt Ion: 99 Resp: 262

Ion	Ratio	Lower	Upper
99	100		
42	35.1	19.8	29.8#
71	56.5	42.6	64.0

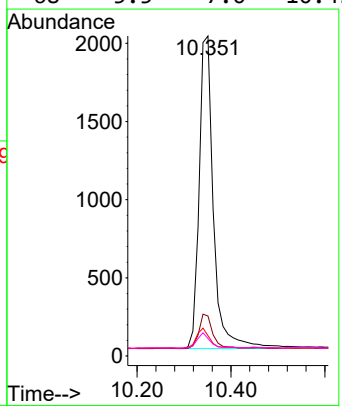


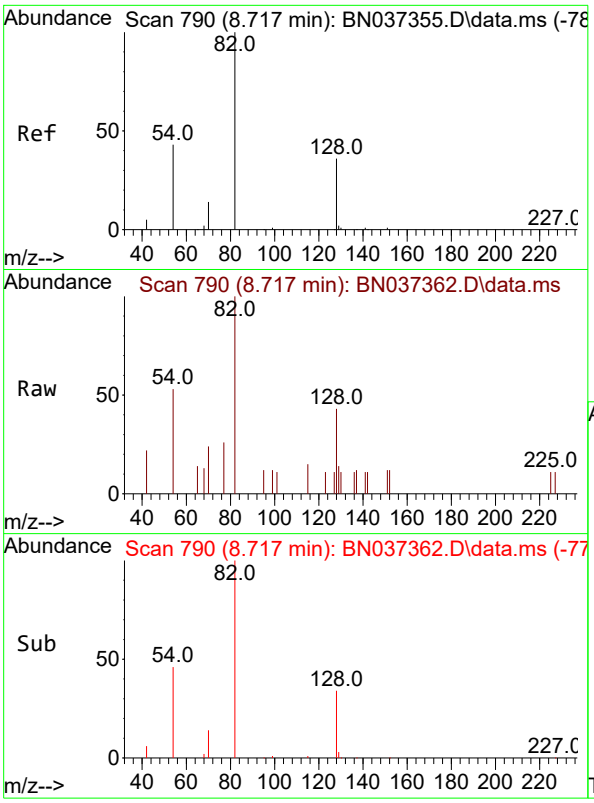


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.011 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Tgt Ion:136 Resp: 4234

Ion	Ratio	Lower	Upper
136	100		
137	12.5	12.2	18.2
54	6.4	8.8	13.2#
68	5.5	7.0	10.4#



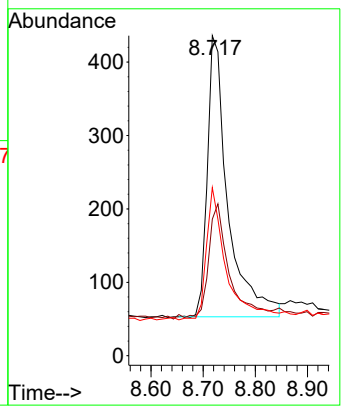


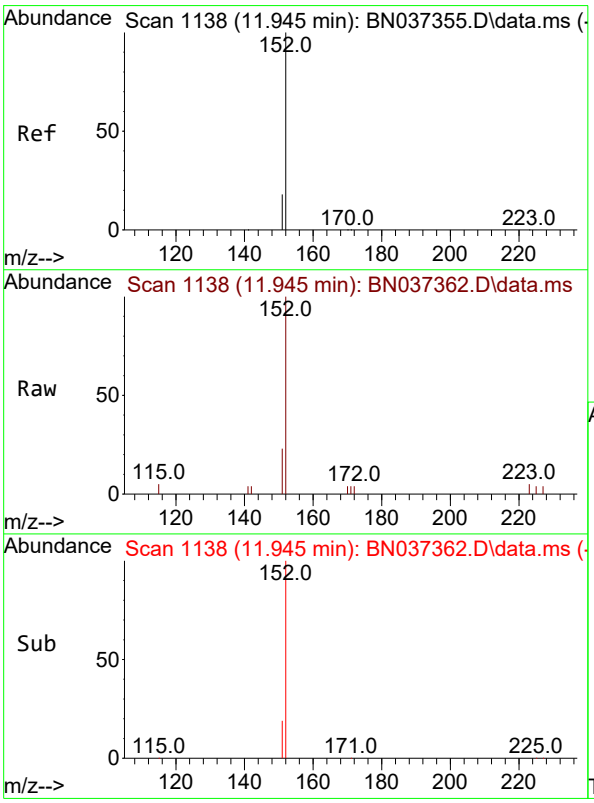
#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.717 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Instrument :
BNA_N
ClientSampleId :
PW-B6-L66-061925

Tgt Ion: 82 Resp: 1049

Ion	Ratio	Lower	Upper
82	100		
128	42.7	42.5	63.7
54	52.5	43.2	64.8

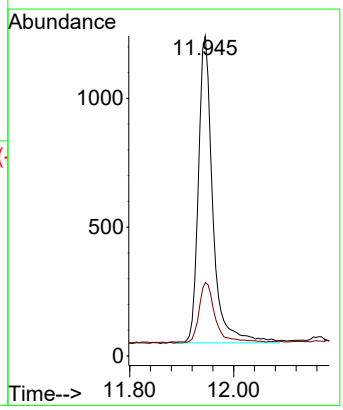


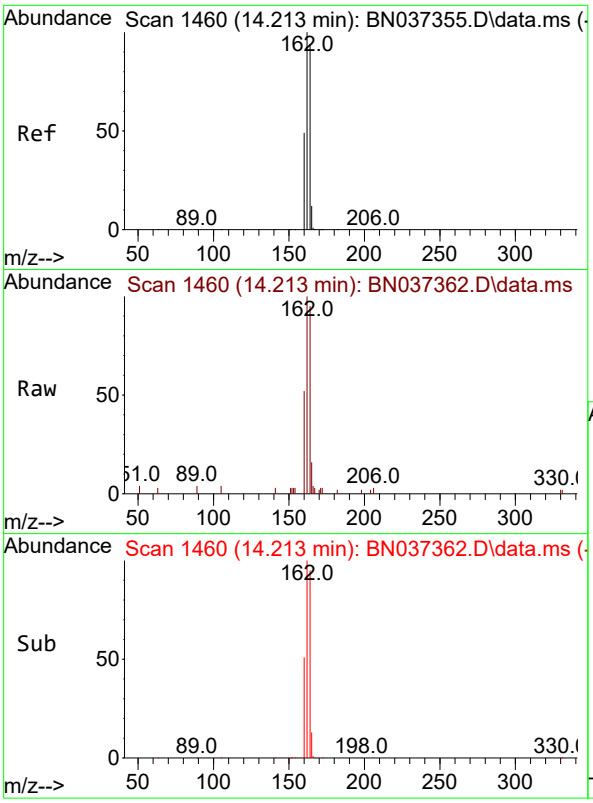


#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 11.945 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Tgt Ion:152 Resp: 2285

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.4	26.0



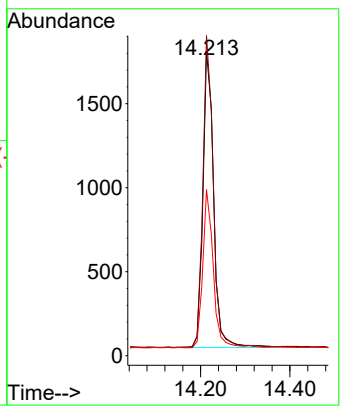


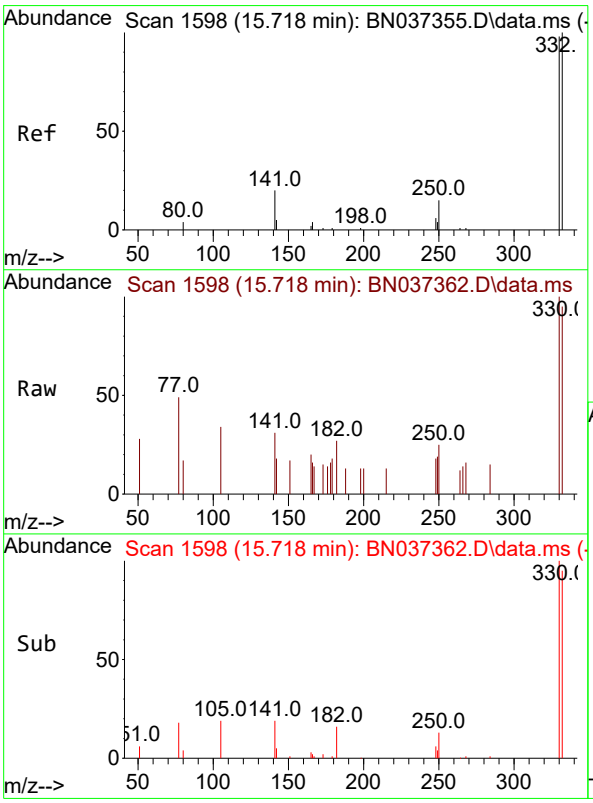
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Instrument :
BNA_N
ClientSampleId :
PW-B6-L66-061925

Tgt Ion:164 Resp: 2932

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.5	122.3
160	54.6	43.0	64.4

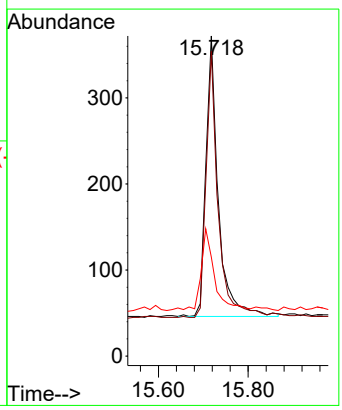


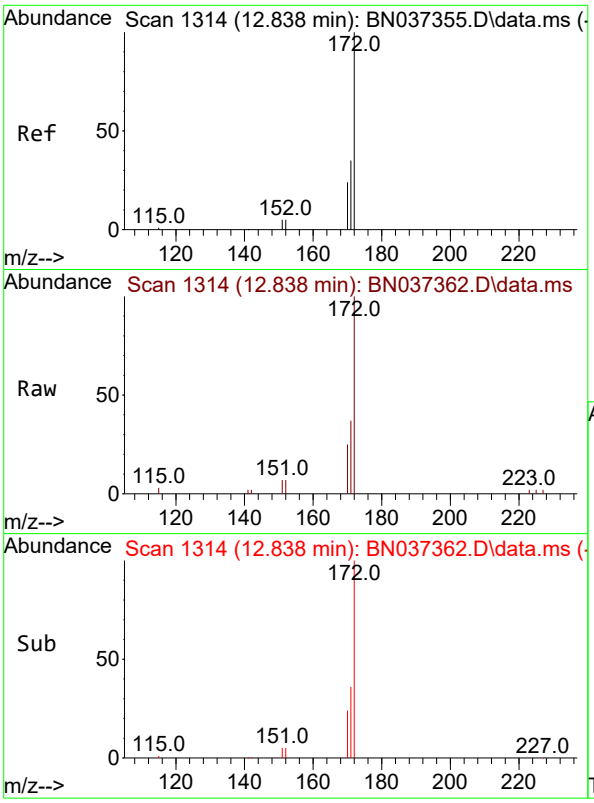


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.718 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Tgt Ion:330 Resp: 628

Ion	Ratio	Lower	Upper
330	100		
332	91.2	78.4	117.6
141	31.4	24.4	36.6



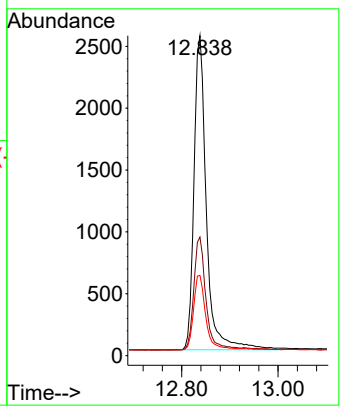


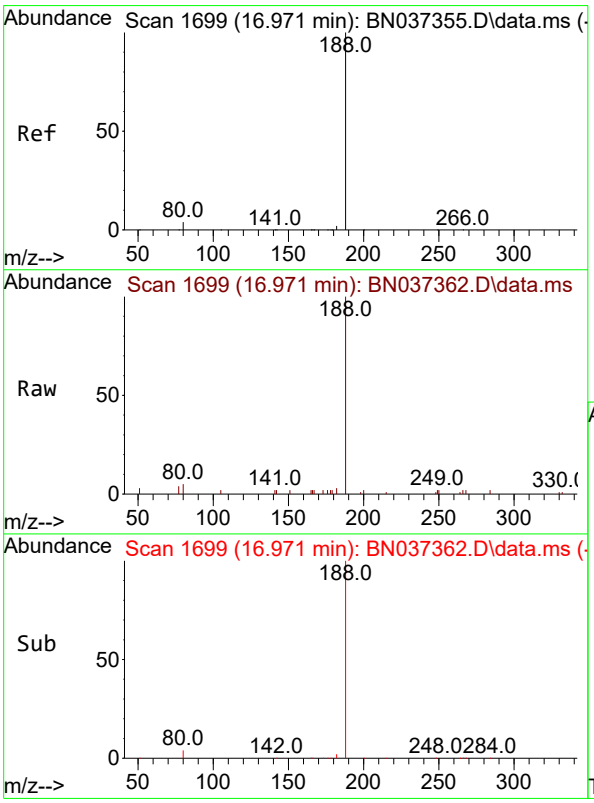
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.838 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Instrument :
BNA_N
ClientSampleId :
PW-B6-L66-061925

Tgt Ion:172 Resp: 4543

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	25.1	21.9	32.9

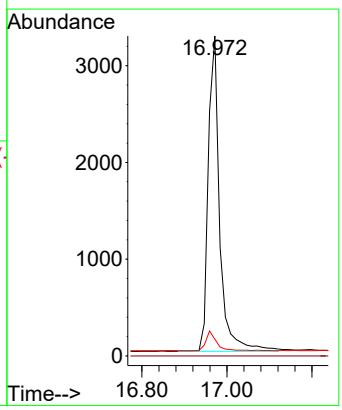


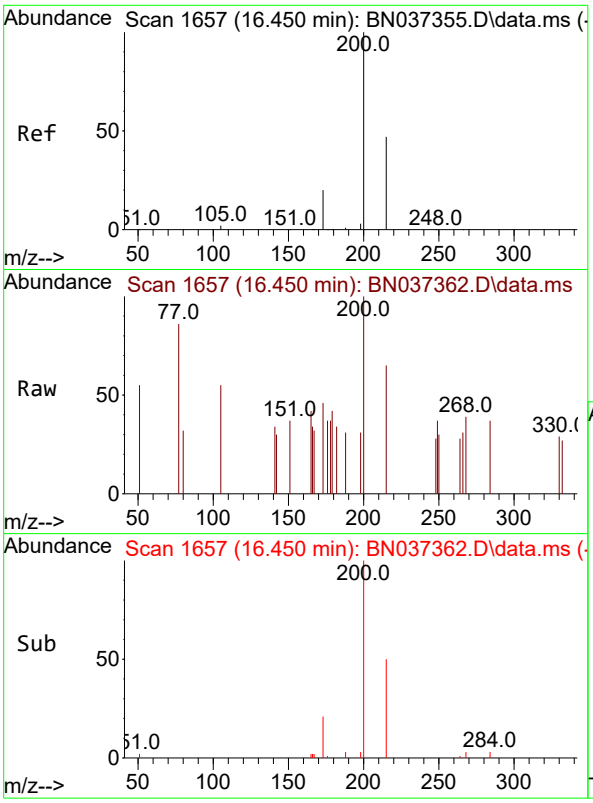


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Tgt Ion:188 Resp: 6082

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.3	6.2	9.2#



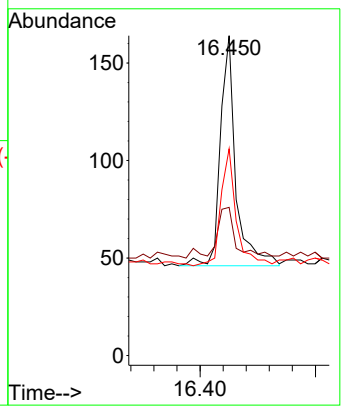


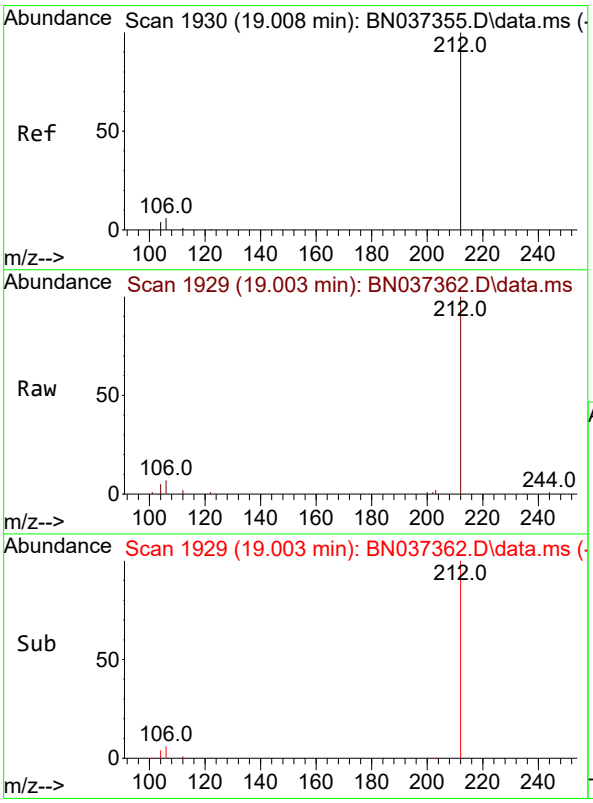
#23
Atrazine
Concen: 0.063 ng
RT: 16.450 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Instrument :
BNA_N
ClientSampleId :
PW-B6-L66-061925

Tgt Ion:200 Resp: 219

Ion	Ratio	Lower	Upper
200	100		
173	46.3	29.2	43.8#
215	64.6	48.8	73.2

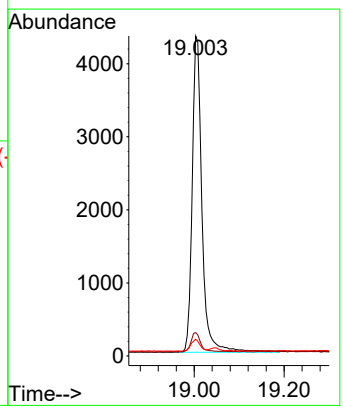


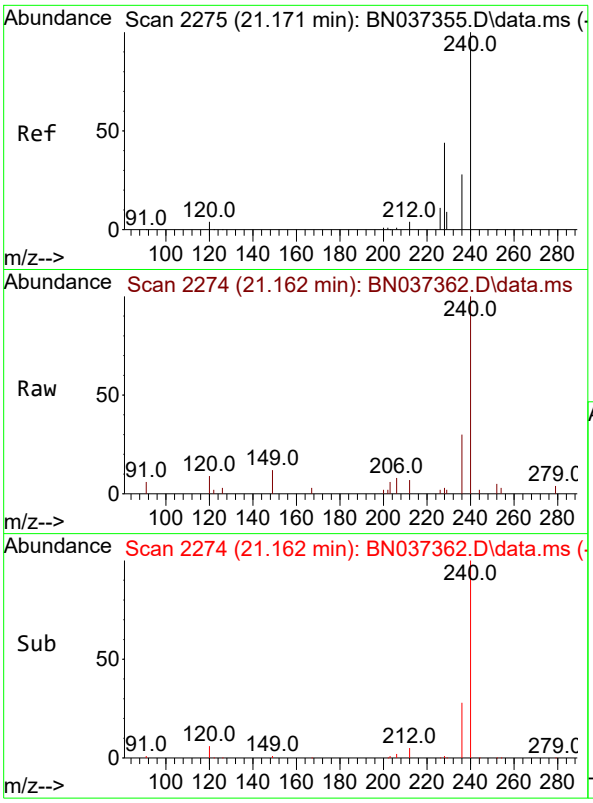


#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Tgt Ion:212 Resp: 6541

Ion	Ratio	Lower	Upper
212	100		
106	6.0	3.0	4.4#
104	3.5	2.0	3.0#



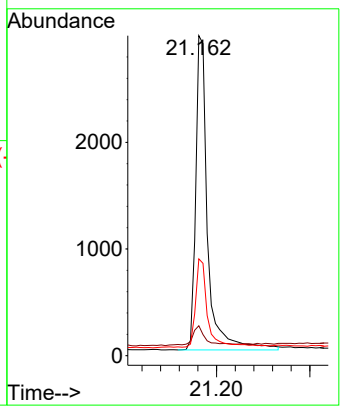


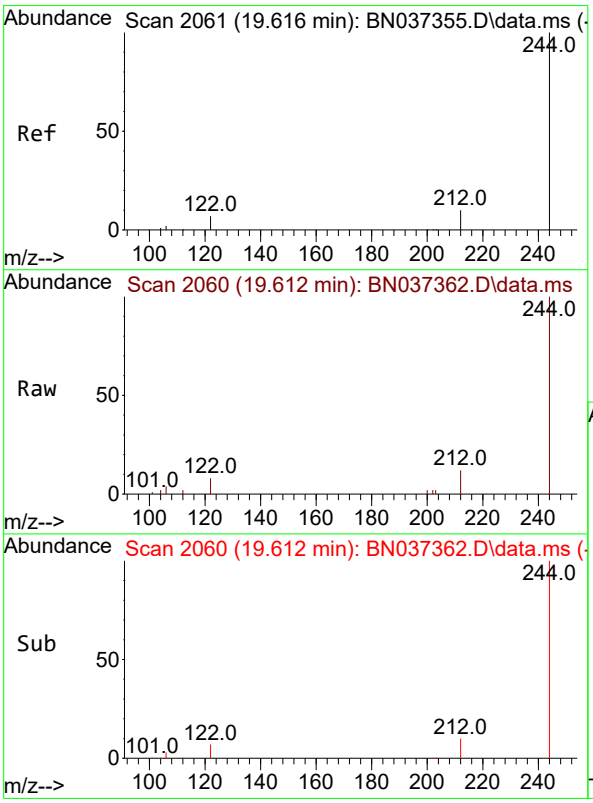
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Instrument :
BNA_N
ClientSampleId :
PW-B6-L66-061925

Tgt Ion:240 Resp: 5238

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.5	11.3
236	30.3	24.9	37.3

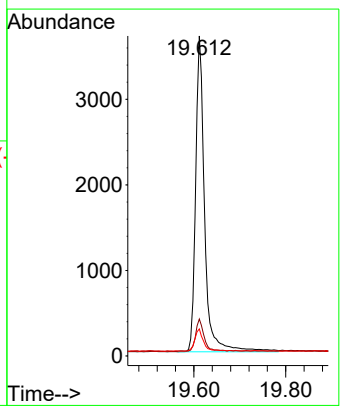


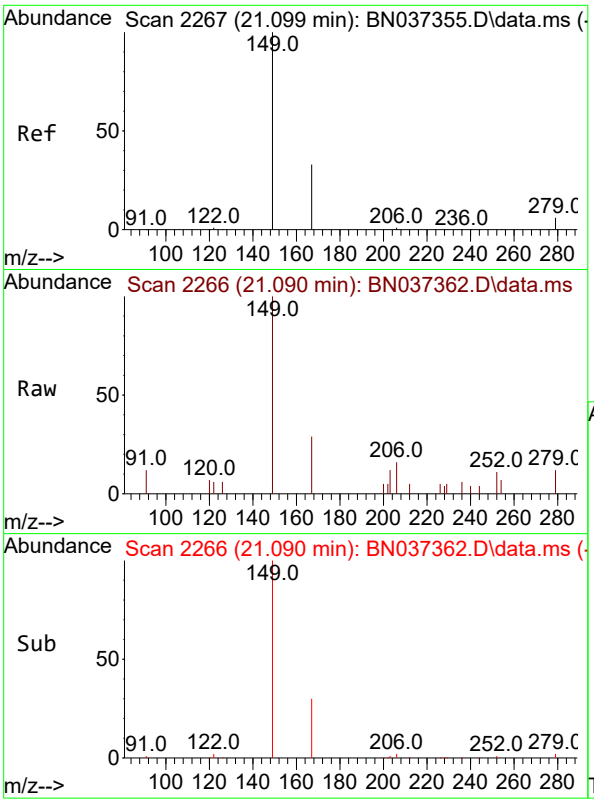


#31
Terphenyl-d14
Concen: 0.421 ng
RT: 19.612 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Tgt Ion:244 Resp: 5026

Ion	Ratio	Lower	Upper
244	100		
212	11.6	11.1	16.7
122	8.4	7.2	10.8



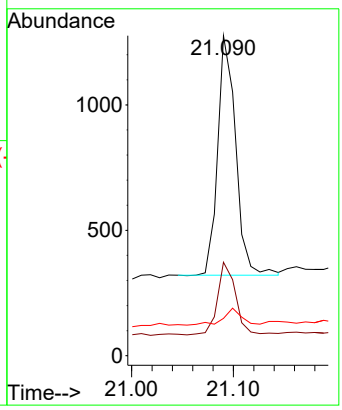


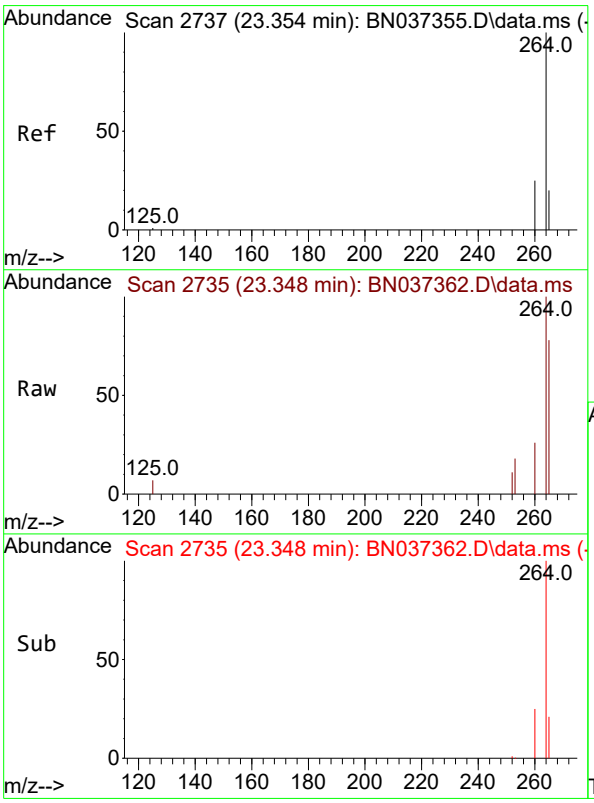
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.166 ng
RT: 21.090 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Instrument :
BNA_N
ClientSampleId :
PW-B6-L66-061925

Tgt Ion:149 Resp: 1173

Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.6	37.0
279	7.2	6.5	9.7

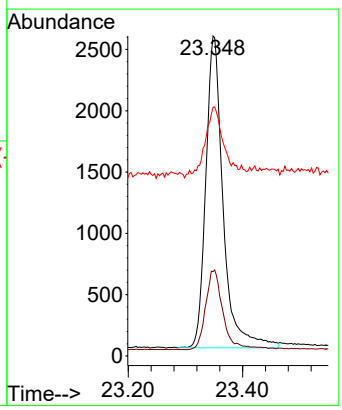




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.348 min Scan# 2735
Delta R.T. -0.006 min
Lab File: BN037362.D
Acq: 20 Jun 2025 22:52

Tgt Ion:264 Resp: 5349

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.4	32.2
265	77.7	71.4	107.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037361.D
Acq On : 20 Jun 2025 22:16
Operator : RC/JU
Sample : PB168563BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Quant Time: Jun 20 23:51:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

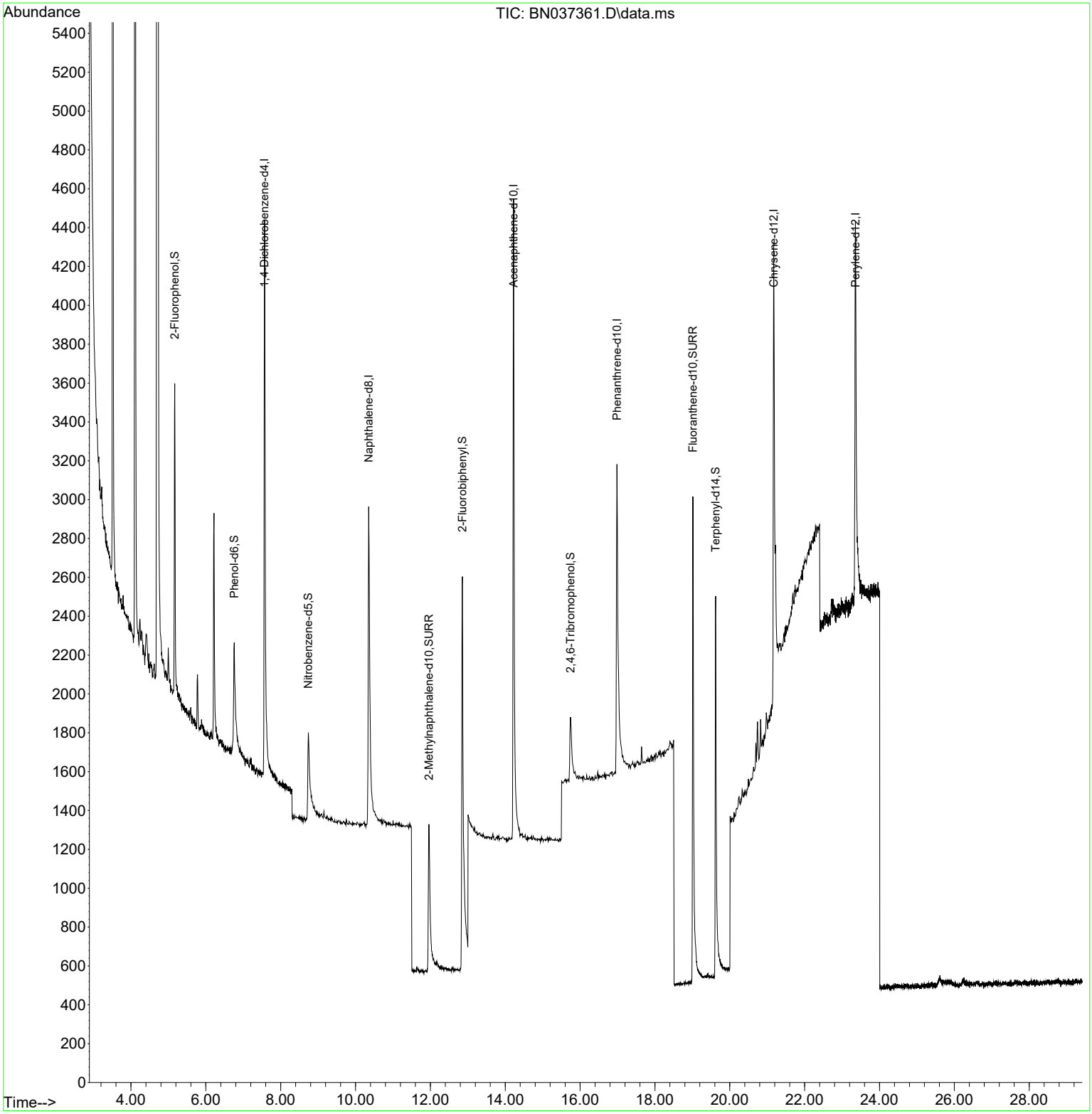
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1968	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	4045	0.400	ng	0.01
13) Acenaphthene-d10	14.224	164	2736	0.400	ng	0.01
19) Phenanthrene-d10	16.984	188	4864	0.400	ng	0.01
29) Chrysene-d12	21.171	240	4288	0.400	ng	# 0.00
35) Perylene-d12	23.357	264	3457	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	1419	0.361	ng	0.00
5) Phenol-d6	6.759	99	1185	0.293	ng	0.00
8) Nitrobenzene-d5	8.739	82	978	0.299	ng	0.02
11) 2-Methylnaphthalene-d10	11.960	152	2116	0.323	ng	0.02
14) 2,4,6-Tribromophenol	15.742	330	469	0.292	ng	0.02
15) 2-Fluorobiphenyl	12.853	172	3920	0.326	ng	0.02
27) Fluoranthene-d10	19.012	212	5207	0.373	ng	0.00
31) Terphenyl-d14	19.621	244	3648	0.373	ng	0.00
Target Compounds						Qvalue

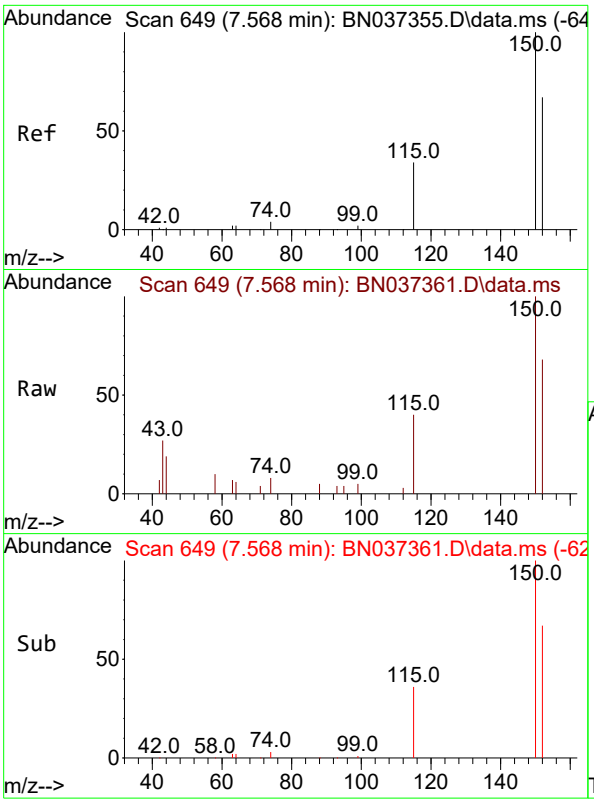
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037361.D
Acq On : 20 Jun 2025 22:16
Operator : RC/JU
Sample : PB168563BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Quant Time: Jun 20 23:51:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration



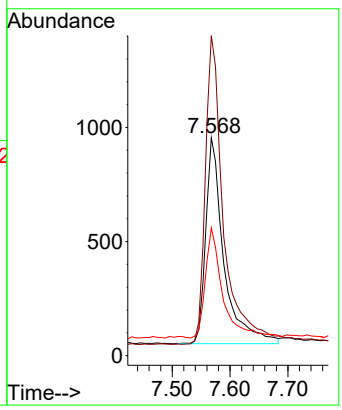


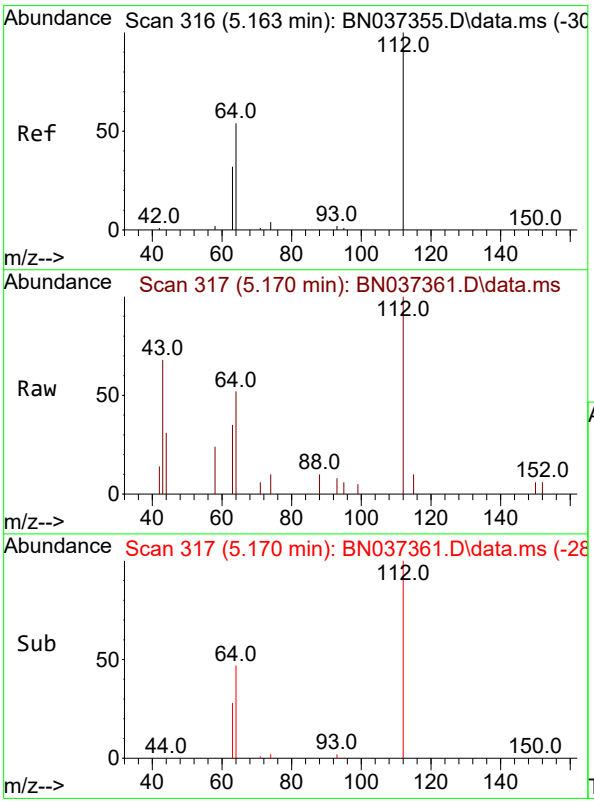
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.568 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:152 Resp: 1968

Ion	Ratio	Lower	Upper
152	100		
150	146.8	112.7	169.1
115	58.6	45.9	68.9

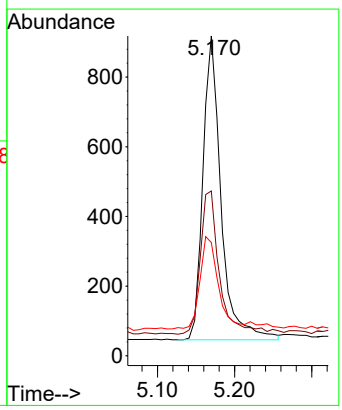


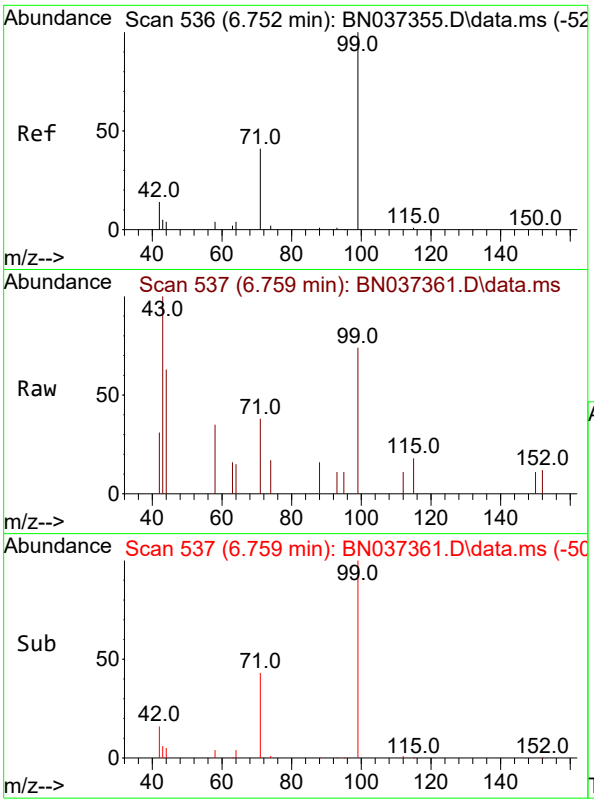


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:112 Resp: 1419

Ion	Ratio	Lower	Upper
112	100		
64	50.4	38.7	58.1
63	30.7	26.4	39.6



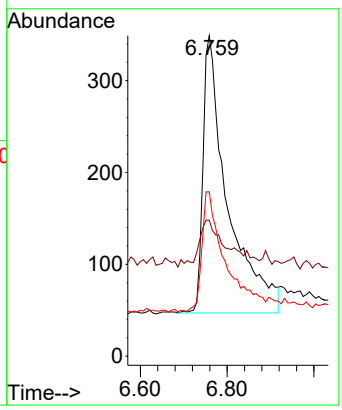


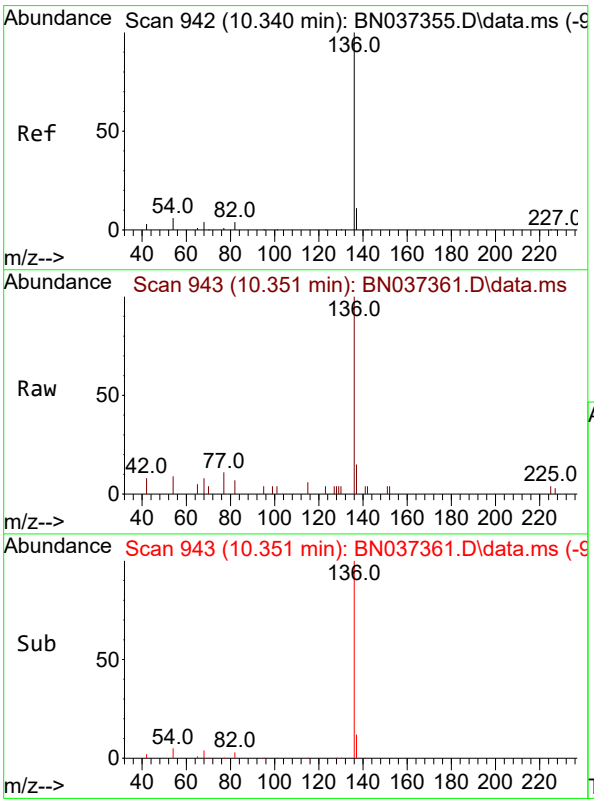
#5
Phenol-d6
Concen: 0.293 ng
RT: 6.759 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion: 99 Resp: 1185

Ion	Ratio	Lower	Upper
99	100		
42	19.7	19.8	29.8#
71	40.8	42.6	64.0#

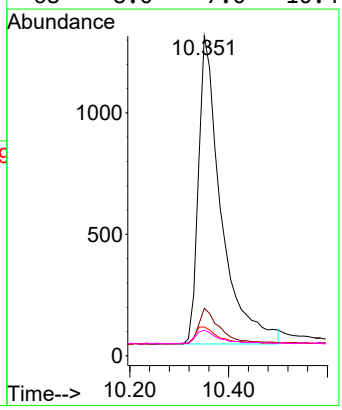


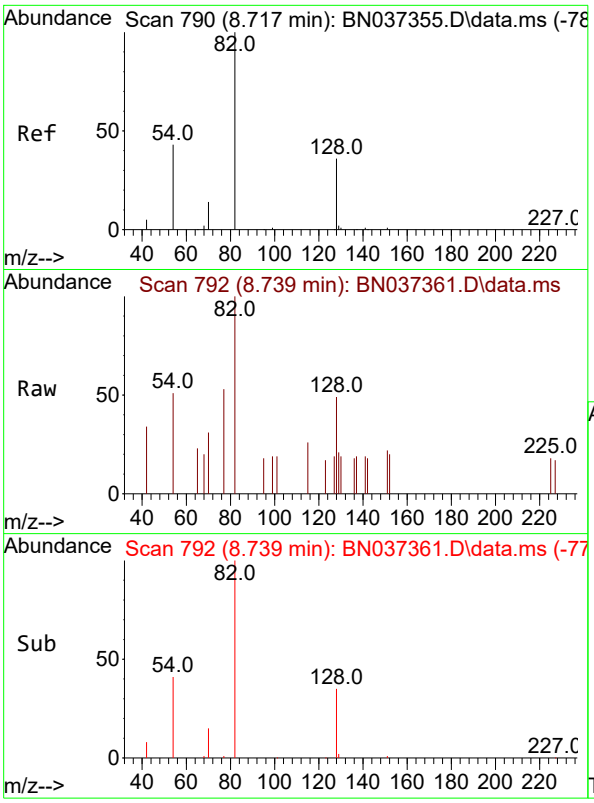


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.010 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:136 Resp: 4045

Ion	Ratio	Lower	Upper
136	100		
137	14.9	12.2	18.2
54	9.0	8.8	13.2
68	8.0	7.0	10.4



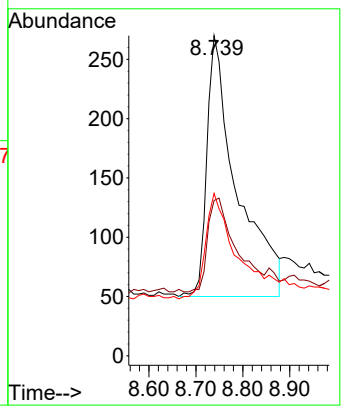


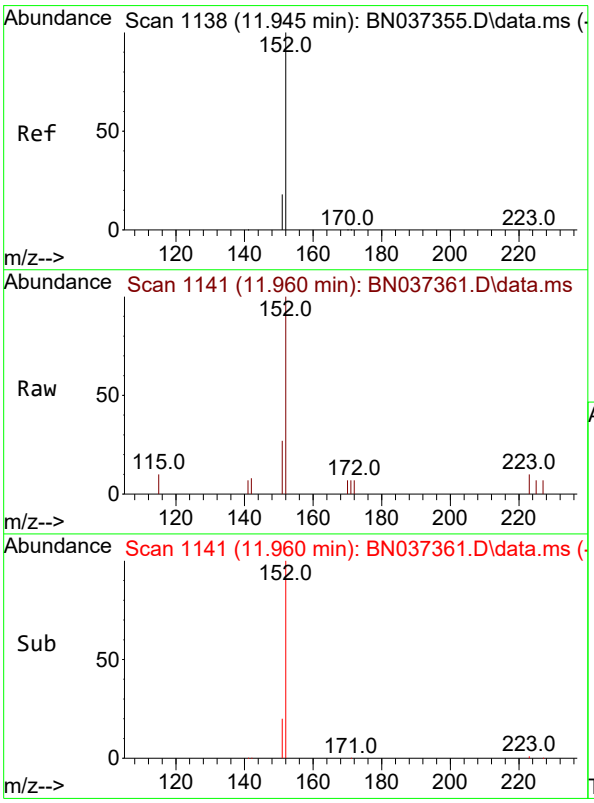
#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.739 min Scan# 7
Delta R.T. 0.021 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion: 82 Resp: 978

Ion	Ratio	Lower	Upper
82	100		
128	48.5	42.5	63.7
54	50.7	43.2	64.8

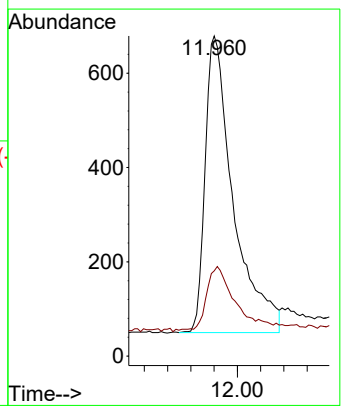


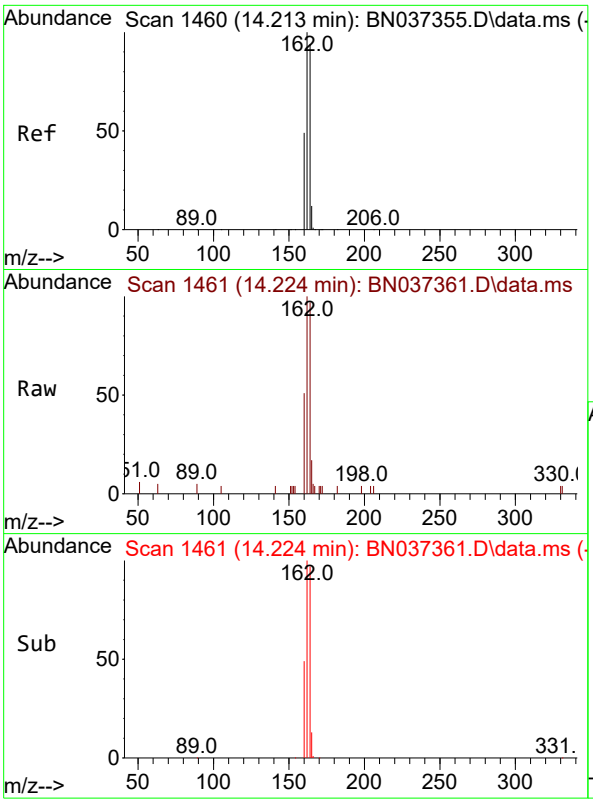


#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.960 min Scan# 1141
Delta R.T. 0.015 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:152 Resp: 2116

Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.4	26.0



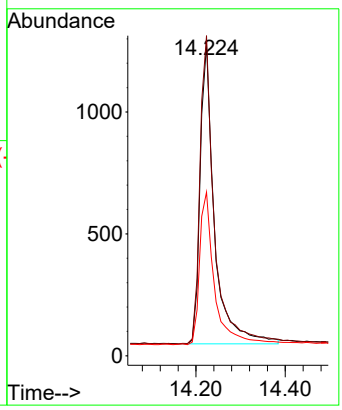


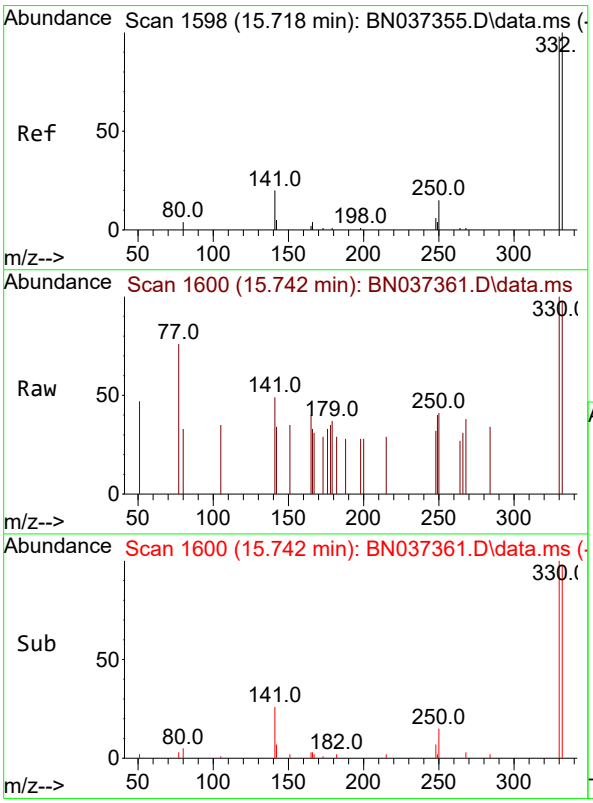
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:164 Resp: 2736

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.5	122.3
160	52.5	43.0	64.4

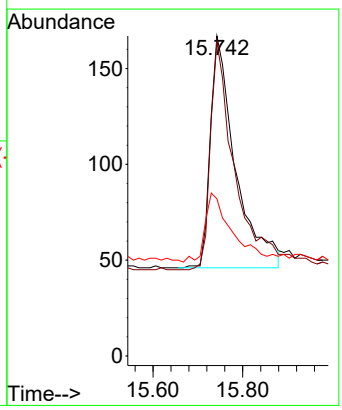


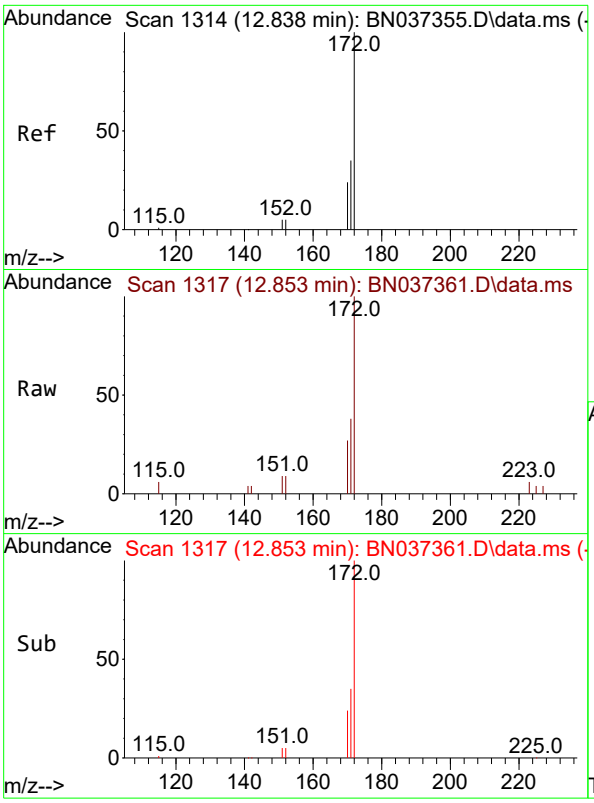


#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.742 min Scan# 1600
Delta R.T. 0.025 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:330 Resp: 469

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.4	117.6
141	31.3	24.4	36.6



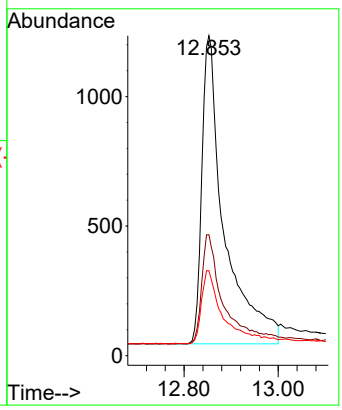


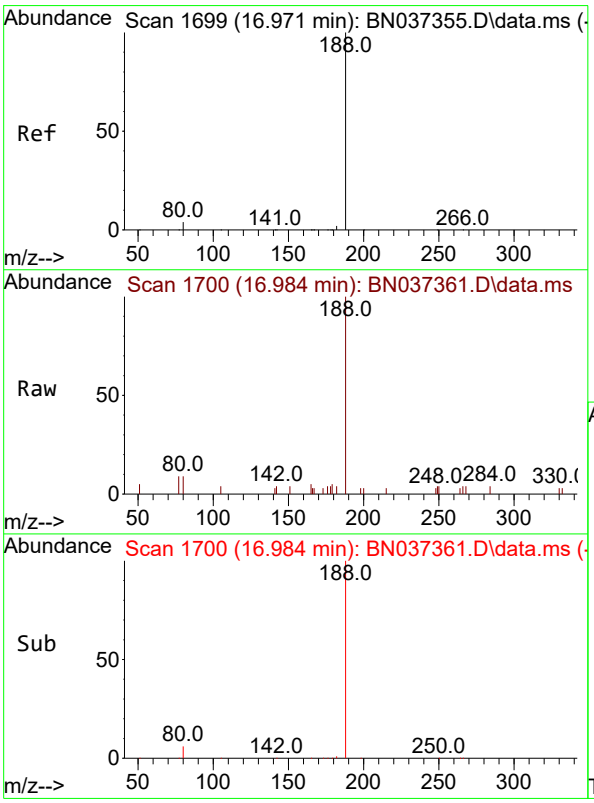
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.853 min Scan# 1
Delta R.T. 0.015 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:172 Resp: 3920

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	26.6	21.9	32.9

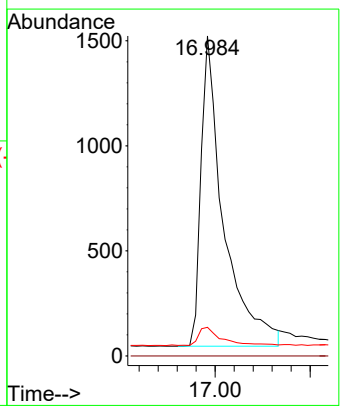


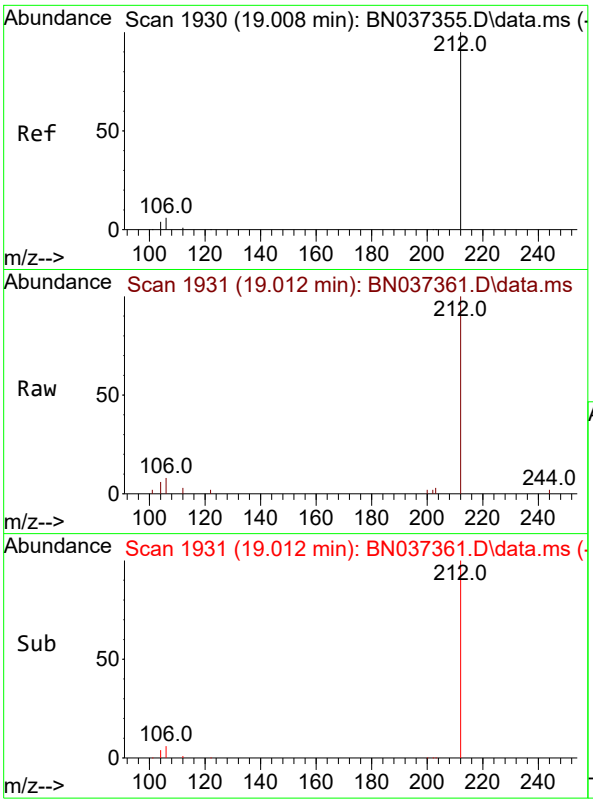


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.012 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:188 Resp: 4864

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	6.2	9.2



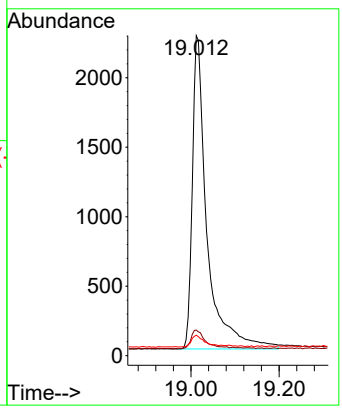


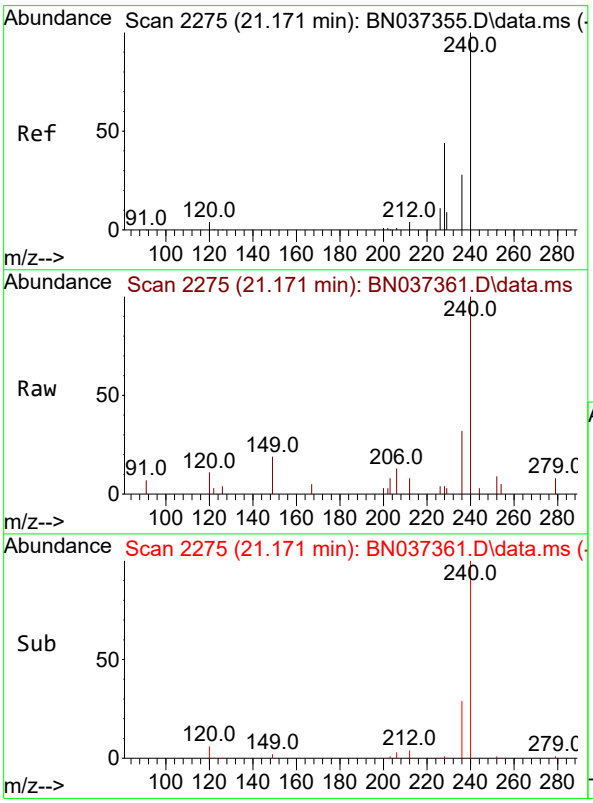
#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.012 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:212 Resp: 5207

Ion	Ratio	Lower	Upper
212	100		
106	5.8	3.0	4.4#
104	3.4	2.0	3.0#

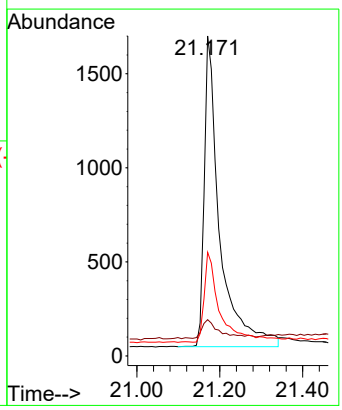


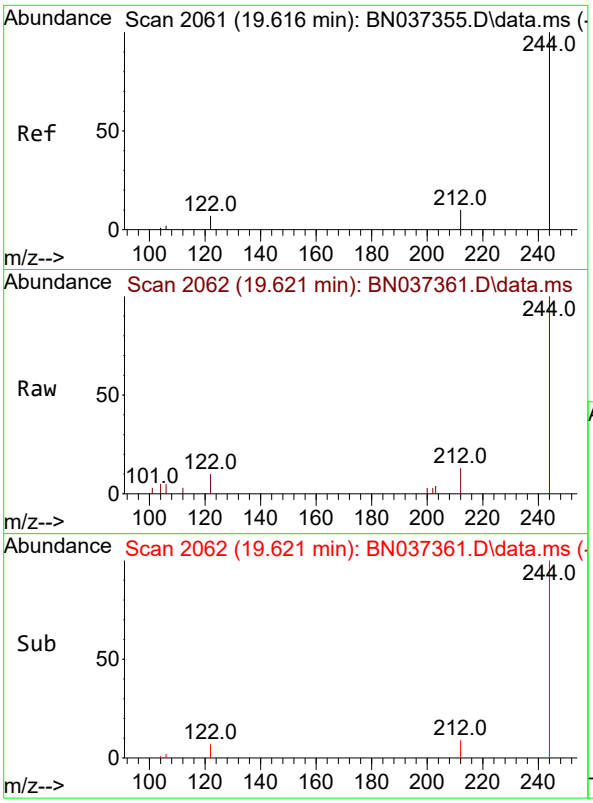


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:240 Resp: 4288

Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.5	11.3#
236	32.4	24.9	37.3



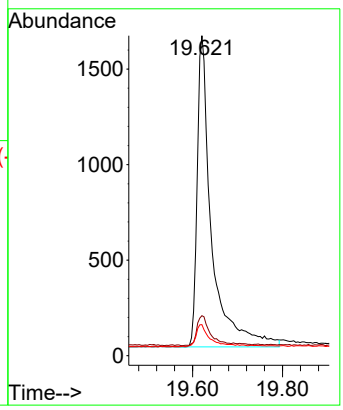


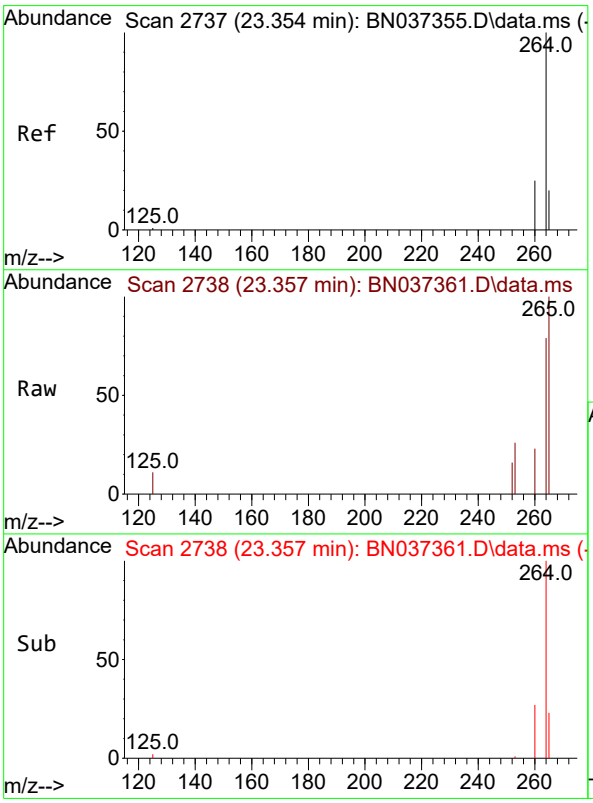
#31
Terphenyl-d14
Concen: 0.373 ng
RT: 19.621 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Instrument :
BNA_N
ClientSampleId :
PB168563BL

Tgt Ion:244 Resp: 3648

Ion	Ratio	Lower	Upper
244	100		
212	12.5	11.1	16.7
122	9.7	7.2	10.8

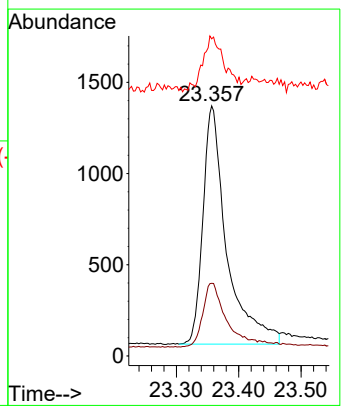




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.357 min Scan# 2738
Delta R.T. 0.003 min
Lab File: BN037361.D
Acq: 20 Jun 2025 22:16

Tgt Ion:264 Resp: 3457

Ion	Ratio	Lower	Upper
264	100		
260	29.0	21.4	32.2
265	126.8	71.4	107.0#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037363.D
Acq On : 20 Jun 2025 23:28
Operator : RC/JU
Sample : PB168563BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Quant Time: Jun 20 23:54:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

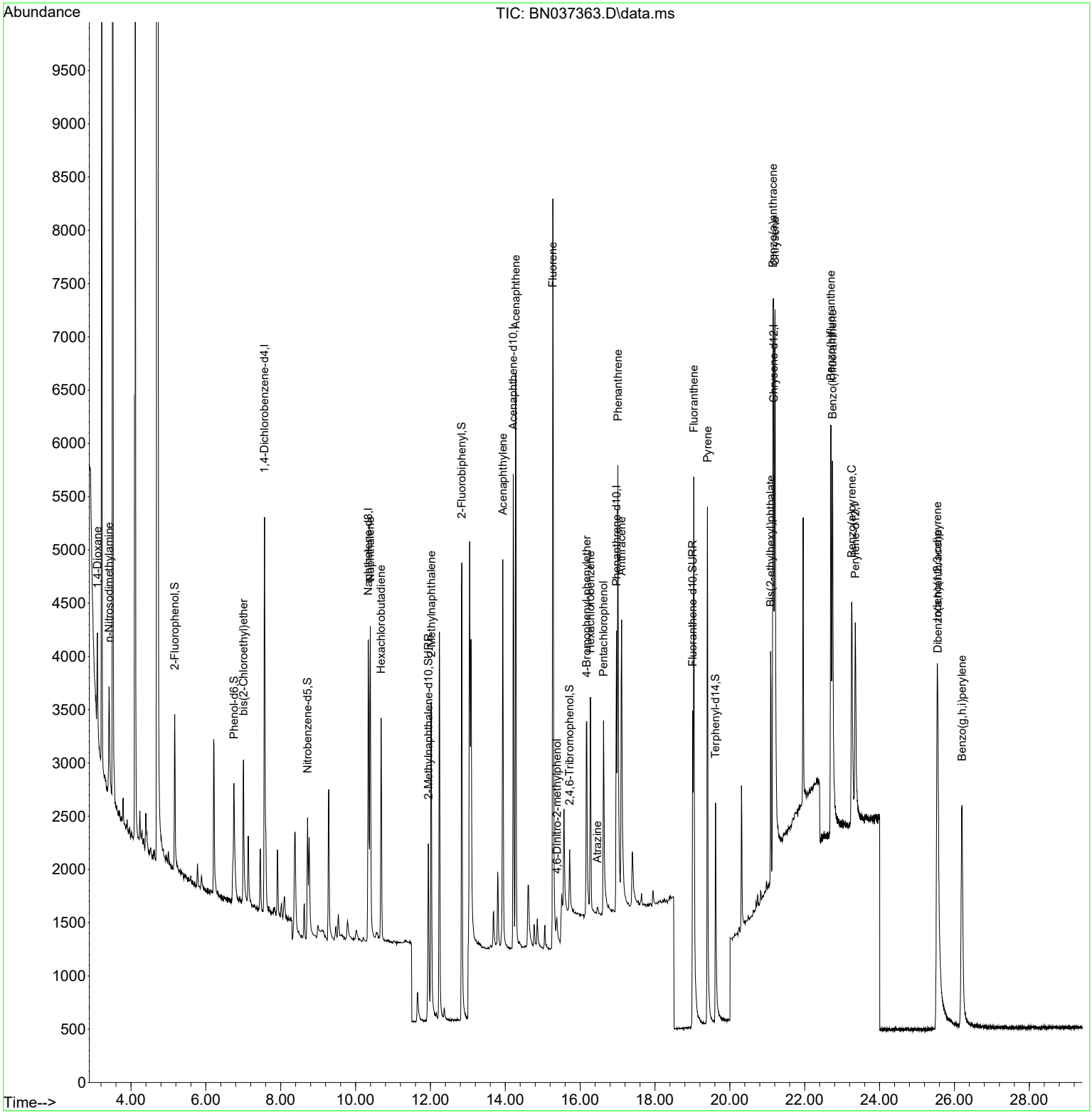
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1960	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	4204	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2586	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	4830	0.400	ng	0.00
29) Chrysene-d12	21.171	240	3875	0.400	ng	0.00
35) Perylene-d12	23.351	264	2749	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	1356	0.346	ng	0.00
5) Phenol-d6	6.752	99	1369	0.339	ng	0.00
8) Nitrobenzene-d5	8.717	82	1246	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	11.945	152	3338	0.490	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	509	0.336	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	4401	0.387	ng	0.00
27) Fluoranthene-d10	19.007	212	4783	0.345	ng	0.00
31) Terphenyl-d14	19.616	244	3479	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	631	0.317	ng	# 32
3) n-Nitrosodimethylamine	3.415	42	717	0.392	ng	# 82
6) bis(2-Chloroethyl)ether	7.004	93	1334	0.373	ng	97
9) Naphthalene	10.394	128	4124	0.372	ng	# 90
10) Hexachlorobutadiene	10.682	225	1728	0.394	ng	# 99
12) 2-Methylnaphthalene	12.021	142	2530	0.327	ng	94
16) Acenaphthylene	13.935	152	4145	0.381	ng	98
17) Acenaphthene	14.277	154	2614	0.365	ng	99
18) Fluorene	15.271	166	3566	0.355	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	387	0.333	ng	89
21) 4-Bromophenyl-phenylether	16.177	248	1258	0.366	ng	98
22) Hexachlorobenzene	16.276	284	1521	0.406	ng	99
23) Atrazine	16.462	200	89	0.032	ng	# 63
24) Pentachlorophenol	16.624	266	1322	0.709	ng	95
25) Phenanthrene	17.009	178	5063	0.362	ng	99
26) Anthracene	17.108	178	4541	0.352	ng	98
28) Fluoranthene	19.035	202	6071	0.343	ng	# 99
30) Pyrene	19.402	202	5679	0.361	ng	99
32) Benzo(a)anthracene	21.153	228	4660	0.366	ng	99
33) Chrysene	21.206	228	6398	0.414	ng	98
34) Bis(2-ethylhexyl)phtha...	21.090	149	1970	0.377	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.541	276	6014	0.488	ng	# 92
37) Benzo(b)fluoranthene	22.699	252	5246	0.519	ng	# 98
38) Benzo(k)fluoranthene	22.743	252	5910	0.539	ng	99
39) Benzo(a)pyrene	23.254	252	4418	0.487	ng	# 96
40) Dibenzo(a,h)anthracene	25.555	278	4975	0.537	ng	95
41) Benzo(g,h,i)perylene	26.201	276	5107	0.464	ng	# 98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037363.D
Acq On : 20 Jun 2025 23:28
Operator : RC/JU
Sample : PB168563BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BS

Quant Time: Jun 20 23:54:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037364.D
Acq On : 21 Jun 2025 00:04
Operator : RC/JU
Sample : PB168563BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BSD

Quant Time: Jun 21 00:33:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

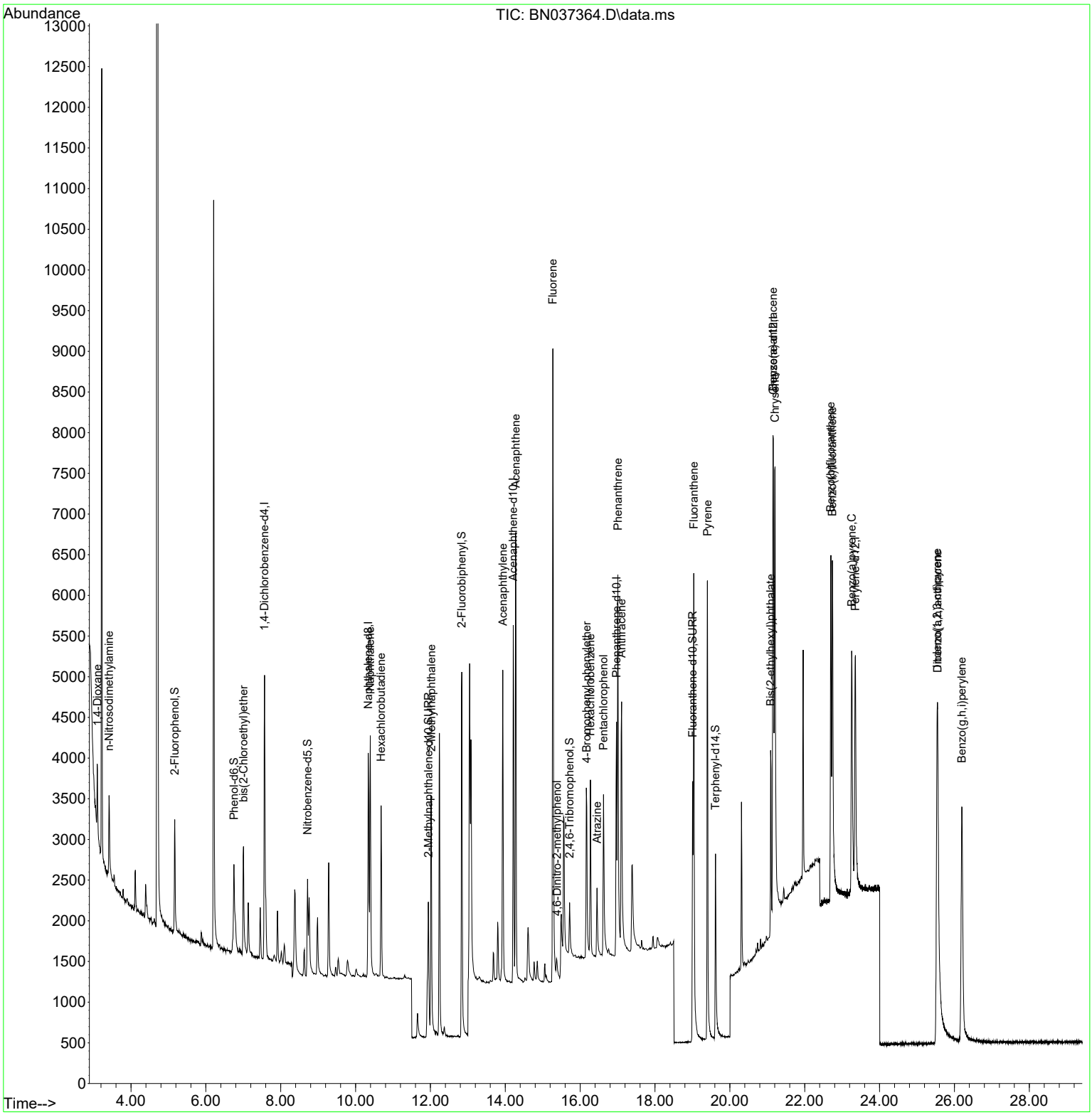
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1885	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	4095	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2623	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5035	0.400	ng	# 0.00
29) Chrysene-d12	21.162	240	4193	0.400	ng	0.00
35) Perylene-d12	23.354	264	4470	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	1274	0.338	ng	0.00
5) Phenol-d6	6.752	99	1342	0.346	ng	0.00
8) Nitrobenzene-d5	8.717	82	1284	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	11.945	152	2563m	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	522	0.339	ng	0.00
15) 2-Fluorobiphenyl	12.838	172	4574	0.397	ng	0.00
27) Fluoranthene-d10	19.007	212	5003	0.346	ng	0.00
31) Terphenyl-d14	19.616	244	3587	0.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	583	0.304	ng	# 36
3) n-Nitrosodimethylamine	3.415	42	653	0.372	ng	# 70
6) bis(2-Chloroethyl)ether	7.004	93	1260	0.366	ng	99
9) Naphthalene	10.394	128	4026	0.372	ng	# 89
10) Hexachlorobutadiene	10.682	225	1748	0.410	ng	# 100
12) 2-Methylnaphthalene	12.021	142	2474	0.328	ng	93
16) Acenaphthylene	13.935	152	4445	0.403	ng	98
17) Acenaphthene	14.277	154	2642	0.364	ng	98
18) Fluorene	15.271	166	3709	0.364	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	419	0.346	ng	# 81
21) 4-Bromophenyl-phenylether	16.177	248	1344	0.375	ng	96
22) Hexachlorobenzene	16.276	284	1596	0.409	ng	99
23) Atrazine	16.450	200	1011	0.354	ng	# 88
24) Pentachlorophenol	16.624	266	1337	0.688	ng	97
25) Phenanthrene	17.009	178	5370	0.368	ng	99
26) Anthracene	17.108	178	4862	0.362	ng	99
28) Fluoranthene	19.035	202	6244	0.339	ng	# 99
30) Pyrene	19.402	202	6351	0.373	ng	99
32) Benzo(a)anthracene	21.153	228	5141	0.373	ng	99
33) Chrysene	21.206	228	6472	0.387	ng	97
34) Bis(2-ethylhexyl)phtha...	21.090	149	2023	0.358	ng	96
36) Indeno(1,2,3-cd)pyrene	25.538	276	7744	0.386	ng	# 92
37) Benzo(b)fluoranthene	22.696	252	5838	0.355	ng	95
38) Benzo(k)fluoranthene	22.740	252	6945	0.389	ng	96
39) Benzo(a)pyrene	23.254	252	5888	0.399	ng	95
40) Dibenzo(a,h)anthracene	25.552	278	5912	0.392	ng	89
41) Benzo(g,h,i)perylene	26.199	276	7039	0.393	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037364.D
Acq On : 21 Jun 2025 00:04
Operator : RC/JU
Sample : PB168563BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168563BSD

Quant Time: Jun 21 00:33:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BN062125	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC0.4	BN037355.D	Benzo(b)fluoranthene	Rahul	6/23/2025 4:45:50 PM	Jagrut	6/24/2025 3:19:09 PM	Peak Integrated by Software
SSTDICV0.4	BN037360.D	Benzo(b)fluoranthene	Rahul	6/23/2025 4:45:53 PM	Jagrut	6/24/2025 3:19:11 PM	Peak Integrated by Software
PB168563BSD	BN037364.D	2-Methylnaphthalene-d10	Rahul	6/23/2025 4:45:56 PM	Jagrut	6/24/2025 3:19:14 PM	Peak Integrated by Software
SSTDCCC0.4	BN037365.D	Benzo(b)fluoranthene	Rahul	6/23/2025 4:45:59 PM	Jagrut	6/24/2025 3:19:16 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN062125

Review By	Rahul	Review On	6/24/2025 9:00:26 AM		
Supervise By	Jagrut	Supervise On	6/24/2025 3:20:40 PM		
SubDirectory	BN062125	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn062125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037351.D	20 Jun 2025 15:00	RC/JU	Ok
2	SSTDCCC0.4	BN037352.D	20 Jun 2025 16:15	RC/JU	Not Ok
3	SSTDICC0.1	BN037353.D	20 Jun 2025 16:51	RC/JU	Ok
4	SSTDICC0.2	BN037354.D	20 Jun 2025 17:27	RC/JU	Ok
5	SSTDICCC0.4	BN037355.D	20 Jun 2025 18:03	RC/JU	Ok,M
6	SSTDICC0.8	BN037356.D	20 Jun 2025 18:39	RC/JU	Ok
7	SSTDICC1.6	BN037357.D	20 Jun 2025 19:15	RC/JU	Ok
8	SSTDICC3.2	BN037358.D	20 Jun 2025 19:51	RC/JU	Ok
9	SSTDICC5.0	BN037359.D	20 Jun 2025 20:27	RC/JU	Ok
10	SSTDICV0.4	BN037360.D	20 Jun 2025 21:39	RC/JU	Ok,M
11	PB168563BL	BN037361.D	20 Jun 2025 22:16	RC/JU	Ok
12	Q2377-01	BN037362.D	20 Jun 2025 22:52	RC/JU	Ok
13	PB168563BS	BN037363.D	20 Jun 2025 23:28	RC/JU	Ok
14	PB168563BSD	BN037364.D	21 Jun 2025 00:04	RC/JU	Ok,M
15	SSTDCCC0.4	BN037365.D	21 Jun 2025 01:17	RC/JU	Ok,M

M : Manual Integration

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

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN062125

Review By	Rahul	Review On	6/24/2025 9:00:26 AM	
Supervise By	Jagrut	Supervise On	6/24/2025 3:20:40 PM	
SubDirectory	BN062125	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn062125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037351.D	20 Jun 2025 15:00		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037352.D	20 Jun 2025 16:15	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC0.1	SSTDICC0.1	BN037353.D	20 Jun 2025 16:51		RC/JU	Ok
4	SSTDICC0.2	SSTDICC0.2	BN037354.D	20 Jun 2025 17:27		RC/JU	Ok
5	SSTDICCC0.4	SSTDICCC0.4	BN037355.D	20 Jun 2025 18:03	Calibration is good for DOD and nondod	RC/JU	Ok,M
6	SSTDICC0.8	SSTDICC0.8	BN037356.D	20 Jun 2025 18:39		RC/JU	Ok
7	SSTDICC1.6	SSTDICC1.6	BN037357.D	20 Jun 2025 19:15		RC/JU	Ok
8	SSTDICC3.2	SSTDICC3.2	BN037358.D	20 Jun 2025 19:51		RC/JU	Ok
9	SSTDICC5.0	SSTDICC5.0	BN037359.D	20 Jun 2025 20:27		RC/JU	Ok
10	SSTDICV0.4	ICVBN062125	BN037360.D	20 Jun 2025 21:39		RC/JU	Ok,M
11	PB168563BL	PB168563BL	BN037361.D	20 Jun 2025 22:16		RC/JU	Ok
12	Q2377-01	PW-B6-L66-061925	BN037362.D	20 Jun 2025 22:52		RC/JU	Ok
13	PB168563BS	PB168563BS	BN037363.D	20 Jun 2025 23:28	.	RC/JU	Ok
14	PB168563BSD	PB168563BSD	BN037364.D	21 Jun 2025 00:04		RC/JU	Ok,M
15	SSTDCCC0.4	SSTDCCC0.4EC	BN037365.D	21 Jun 2025 01:17		RC/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168563

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/20/2025
Matrix :	Water			**Extraction Start Time :**	09:32
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	06/20/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	16:30
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**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	0.4 PPM	SP6756
Surrogate	1.0ML	0.4 PPM	SP6831
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	E3943
Baked Na2SO4	N/A	EP2622
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
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. Q2373,Q2374,Q2375 & Q2377 all samples added at 12:03 P.M.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/20/25	RS (EC4 Lab)	RC/SVOC
16:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168563

Analytical Method: M3510C,3580A-Extraction SVOC-21 **Concentration Date:** 06/20/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168563BL	SBLK563	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-1
PB168563BS	SLCS563	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			2
PB168563BSD	SLCSD563	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			3
Q2345-01	EB02-20250616	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	C		4
Q2345-13	TT189D2-2050617	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	C		5
Q2345-14	TT150S1-2050617	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	C		6
Q2345-15	RW8-MW01D1-20250617	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	C		7
Q2345-16	TT192D2-2050617	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	C		8
Q2361-01	TT205S1-20250617	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	C		9
Q2372-01	GAV1W	SVOC-SIMGroup1	970	6	RUPESH	ritesh	1	E		10
Q2373-01	RW5-SP100-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			11
Q2373-02	RW5-SP201-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			12
Q2373-03	RW5-SP303-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			13
Q2374-01	RW7-SP100-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			14
Q2374-02	RW7-SP201-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			15
Q2374-03	RW7-SP302-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			16
Q2374-04	RW7-SP303-20250619	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-1
Q2375-01	RW8-SP100-20250619	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	D		2
Q2375-02	RW8-SP303-20250619	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	D		3
Q2377-01	PW-B6-L66-061925	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	D		4

RS 6/20

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

168567
9:32

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2361 **WorkList ID :** 190289 **Department :** Extraction **Date :** 06-20-2025 09:26:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2345-01	EB02-20250616	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D61	06/16/2025	8270-Modified
Q2345-13	TT189D2-2050617	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D61	06/17/2025	8270-Modified
Q2345-14	TT150S1-2050617	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D61	06/17/2025	8270-Modified
Q2345-15	RW8-MW01D1-20250617	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D61	06/17/2025	8270-Modified
Q2345-16	TT192D2-2050617	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D61	06/17/2025	8270-Modified
Q2361-01	TT205S1-20250617	Water	SVOC-SIMGroup1	Cool 4 deg C	AECO15	D51	06/17/2025	8270-Modified
Q2372-01	GAV1W	Water	SVOC-SIMGroup1	Cool 4 deg C	GENV01	D51	06/19/2025	8270-Modified

Date/Time 6/20/25 9:27
Raw Sample Received by: RS (Ext (96))
Raw Sample Relinquished by:

Date/Time 6/20/25 10:10
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext (96))

168567

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2373 **WorkList ID :** 190300 **Department :** Extraction **Date :** 06-20-2025 12:02:27

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2373-01	RW5-SP100-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2373-02	RW5-SP201-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2373-03	RW5-SP303-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2374-01	RW7-SP100-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2374-02	RW7-SP201-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2374-03	RW7-SP302-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2374-04	RW7-SP303-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2375-01	RW8-SP100-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2375-02	RW8-SP303-20250619	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D51	06/19/2025	8270-Modified
Q2377-01	PW-B6-L66-061925	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D51	06/19/2025	8270-Modified

Date/Time 6/20/25 12:03
Raw Sample Received by: RS (EXT-(gb)
Raw Sample Relinquished by:

Date/Time 6/20/25 12:35
Raw Sample Received by:
Raw Sample Relinquished by: RS (EXT-(gb)

K J I H G F E D C B A

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

LAB CHRONICLE

OrderID:	Q2377	**OrderDate:**	6/20/2025 11:23:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	D51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2377-01	**PW-B6-L66-061925**	**Water**			**06/19/25**			**06/19/25**
			SVOC-SIMGroup1	8270-Modified		06/20/25	06/20/25	