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Hit Summary Sheet
SW-846

SDG No.: Q2210

Client: G Environmental

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

SAMPLE DATA

Raw Data: **BN037212.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	06/03/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	TW1	SDG No.:	Q2210
Lab Sample ID:	Q2210-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BN037212.D	1	06/06/25 11:54	06/10/25 04:01	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.40		30 (20) - 150 (139)	99%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.45		30 (54) - 150 (157)	112%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.40		30 (27) - 130 (154)	101%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		30 (30) - 130 (155)	101%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.48		30 (54) - 130 (175)	120%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1990	7.589			
1146-65-2	Naphthalene-d8	5260	10.362			
15067-26-2	Acenaphthene-d10	2820	14.235			
1517-22-2	Phenanthrene-d10	4770	16.984			
1719-03-5	Chrysene-d12	3610	21.18			
1520-96-3	Perylene-d12	3540	23.374			

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

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Surrogate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168336BL	PB168336BL	2-Methylnaphthalene-d10	0.4	0.36	91		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.40	99		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	101		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.42	105		30 (54)	130 (175)
PB168336BS	PB168336BS	2-Methylnaphthalene-d10	0.4	0.36	90		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.30	76		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	95		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.38	95		30 (54)	130 (175)
Q2210-01	TW1	2-Methylnaphthalene-d10	0.4	0.40	99		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.45	112		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.40	101		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	101		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.48	120		30 (54)	130 (175)
Q2250-02MS	MW-11A-13.5-060525MS	2-Methylnaphthalene-d10	0.4	0.30	75		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	92		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.34	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	118		30 (54)	130 (175)
Q2250-03MSD	MW-11A-13.5-060525MSD	2-Methylnaphthalene-d10	0.4	0.30	75		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	91		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.45	113		30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2250-02MS		**Client Sample ID:** MW-11A-13.5-060525MS						**DataFile:** BN037192.D			
Benzo(a)anthracene	0.42	0	0.45	ug/L	107				70 (51)	130 (146)	
Benzo(b)fluoranthene	0.42	0	0.40	ug/L	95				70 (60)	130 (123)	
Benzo(k)fluoranthene	0.42	0	0.38	ug/L	90				70 (61)	130 (122)	
Benzo(a)pyrene	0.42	0	0.40	ug/L	95				70 (54)	130 (129)	
Benzo(g,h,i)perylene	0.42	0	0.39	ug/L	93				70 (44)	130 (132)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2250-03MSD		**Client Sample ID:** MW-11A-13.5-060525MSD						**DataFile:** BN037193.D			
Benzo(a)anthracene	0.4	0	0.44	ug/L	110		3		70 (51)	130 (146)	20 (20)
Benzo(b)fluoranthene	0.4	0	0.38	ug/L	95		0		70 (60)	130 (123)	20 (20)
Benzo(k)fluoranthene	0.4	0	0.39	ug/L	98		9		70 (61)	130 (122)	20 (20)
Benzo(a)pyrene	0.4	0	0.38	ug/L	95		0		70 (54)	130 (129)	20 (20)
Benzo(g,h,i)perylene	0.4	0	0.39	ug/L	98		5		70 (44)	130 (132)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: 8270-Modified **DataFile:** BN037201.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168336BS	Benzo(a)anthracene	0.4	0.36	ug/L	90				70 (54)	130 (130)	
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				70 (65)	130 (121)	
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				70 (72)	130 (119)	
	Benzo(a)pyrene	0.4	0.39	ug/L	98				70 (68)	130 (120)	
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105				70 (76)	130 (117)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168336BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BN037190.D Lab Sample ID: PB168336BL

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

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

Level: (low/med) LOW Time Analyzed: 11:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168336BS	PB168336BS	BN037201.D	06/09/2025
MW-11A-13.5-060525MS	Q2250-02MS	BN037192.D	06/09/2025
MW-11A-13.5-060525MSD	Q2250-03MSD	BN037193.D	06/09/2025
TW1	Q2210-01	BN037212.D	06/10/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BN037142.D DFTPP Injection Date: 06/03/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	69.8
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	58.7
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	53.9
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
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	12.1 (19.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN037143.D	06/03/2025	11:39
SSTDICC0.2	SSTDICC0.2	BN037144.D	06/03/2025	12:15
SSTDICCC0.4	SSTDICCC0.4	BN037145.D	06/03/2025	12:51
SSTDICC0.8	SSTDICC0.8	BN037146.D	06/03/2025	13:26
SSTDICC1.6	SSTDICC1.6	BN037147.D	06/03/2025	14:02
SSTDICC3.2	SSTDICC3.2	BN037148.D	06/03/2025	14:38
SSTDICC5.0	SSTDICC5.0	BN037149.D	06/03/2025	15:14

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BN037188.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	74
68	Less than 2.0% of mass 69	0.4 (0.7) 1
69	Mass 69 relative abundance	59.6
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	53
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	6.9
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	8.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	10.5 (18.5) 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
SSTDCCC0.4	SSTDCCC0.4	BN037189.D	06/09/2025	10:54
PB168336BL	PB168336BL	BN037190.D	06/09/2025	11:30
MW-11A-13.5-060525MS	Q2250-02MS	BN037192.D	06/09/2025	14:33
MW-11A-13.5-060525MSD	Q2250-03MSD	BN037193.D	06/09/2025	15:47
PB168336BS	PB168336BS	BN037201.D	06/09/2025	20:40

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BN037203.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_N DFTPP Injection Time: 22:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	79.8
68	Less than 2.0% of mass 69	1 (1.5) 1
69	Mass 69 relative abundance	65.5
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	56.9
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
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	8.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	10.6 (20.4) 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
SSTDCCC0.4	SSTDCCC0.4	BN037204.D	06/09/2025	23:11
TW1	Q2210-01	BN037212.D	06/10/2025	04:01

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037189.D Time Analyzed: 10:54

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	2093	7.589	5342	10.36	2894	14.24
	UPPER LIMIT	4186	8.089	10684	10.862	5788	14.735
	LOWER LIMIT	1046.5	7.089	2671	9.862	1447	13.735
	EPA SAMPLE NO.						
01	PB168336BL	1816	7.59	4227	10.37	2101	14.25
02	MW-11A-13.5-060525MS	2144	7.59	5670	10.36	2991	14.23
03	MW-11A-13.5-060525MSD	2169	7.59	5646	10.36	2926	14.24
04	PB168336BS	2227	7.59	5466	10.36	2607	14.23

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.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037189.D Time Analyzed: 10:54

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	5308	16.984	3516	21.18	3185	23.377
	UPPER LIMIT	10616	17.484	7032	21.68	6370	23.877
	LOWER LIMIT	2654	16.484	1758	20.68	1592.5	22.877
	EPA SAMPLE NO.						
01	PB168336BL	3500	17.00	2446	21.19	2291	23.39
02	MW-11A-13.5-060525MS	5389	16.98	3448	21.19	3177	23.38
03	MW-11A-13.5-060525MSD	5139	16.98	3419	21.18	3336	23.37
04	PB168336BS	4253	16.98	2468	21.19	2373	23.38

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.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037204.D Time Analyzed: 23:11

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	1688	7.589	4447	10.37	2457	14.23
	UPPER LIMIT	3376	8.089	8894	10.872	4914	14.734
	LOWER LIMIT	844	7.089	2223.5	9.872	1228.5	13.734
	EPA SAMPLE NO.						
01	TW1	1990	7.59	5262	10.36	2819	14.24

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.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037204.D Time Analyzed: 23:11

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	4471	16.984	2829	21.18	2684	23.377
	UPPER LIMIT	8942	17.484	5658	21.68	5368	23.877
	LOWER LIMIT	2235.5	16.484	1414.5	20.68	1342	22.877
	EPA SAMPLE NO.						
01	TW1	4769	16.98	3609	21.18	3542	23.37

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.

QC SAMPLE DATA

Raw Data: **BN037190.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB168336BL			SDG No.:	Q2210
Lab Sample ID:	PB168336BL			Matrix:	Water
Analytical Method:	SW8270ESIM			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BN037190.D	1	06/06/25 11:54	06/09/25 11:30	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	91%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.40		30 (54) - 150 (157)	99%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.37		30 (27) - 130 (154)	92%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		30 (30) - 130 (155)	101%	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	1820	7.589			
1146-65-2	Naphthalene-d8	4230	10.372			
15067-26-2	Acenaphthene-d10	2100	14.245			
1517-22-2	Phenanthrene-d10	3500	16.996			
1719-03-5	Chrysene-d12	2450	21.189			
1520-96-3	Perylene-d12	2290	23.386			

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: **BN037201.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB168336BS			SDG No.:	Q2210
Lab Sample ID:	PB168336BS			Matrix:	Water
Analytical Method:	SW8270ESIM			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group2
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
BN037201.D	1	06/06/25 11:54	06/09/25 20:40	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.36		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	90%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.30		30 (54) - 150 (157)	76%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		30 (30) - 130 (155)	95%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.38		30 (54) - 130 (175)	95%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2230	7.589			
1146-65-2	Naphthalene-d8	5470	10.361			
15067-26-2	Acenaphthene-d10	2610	14.234			
1517-22-2	Phenanthrene-d10	4250	16.984			
1719-03-5	Chrysene-d12	2470	21.188			
1520-96-3	Perylene-d12	2370	23.377			

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
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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: **BN037192.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/05/25
Project:	Stockton	Date Received:	06/05/25
Client Sample ID:	MW-11A-13.5-060525MS	SDG No.:	Q2210
Lab Sample ID:	Q2250-02MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BN037192.D	1	06/06/25 11:54	06/09/25 14:33	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.45		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.40		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.40		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	92%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.32		30 (27) - 130 (154)	79%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.34		30 (30) - 130 (155)	86%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		30 (54) - 130 (175)	118%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2140	7.589			
1146-65-2	Naphthalene-d8	5670	10.361			
15067-26-2	Acenaphthene-d10	2990	14.234			
1517-22-2	Phenanthrene-d10	5390	16.984			
1719-03-5	Chrysene-d12	3450	21.188			
1520-96-3	Perylene-d12	3180	23.38			

U = Not Detected
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LOD = Limit of Detection
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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

Raw Data: **BN037193.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	06/05/25
Project:	Stockton	Date Received:	06/05/25
Client Sample ID:	MW-11A-13.5-060525MSD	SDG No.:	Q2210
Lab Sample ID:	Q2250-03MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
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
BN037193.D	1	06/06/25 11:54	06/09/25 15:47	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.44		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	91%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.32		30 (27) - 130 (154)	79%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (30) - 130 (155)	86%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.45		30 (54) - 130 (175)	113%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2170	7.59			
1146-65-2	Naphthalene-d8	5650	10.362			
15067-26-2	Acenaphthene-d10	2930	14.235			
1517-22-2	Phenanthrene-d10	5140	16.984			
1719-03-5	Chrysene-d12	3420	21.18			
1520-96-3	Perylene-d12	3340	23.374			

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

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

CALIBRATION SUMMARY

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN060325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 04 01:52:03 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037143.D 0.2 =BN037144.D 0.4 =BN037145.D 0.8 =BN037146.D 1.6 =BN037147.D 3.2 =BN037148.D 5.0 =BN037149.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.598	0.657	0.510	0.506	0.526	0.477	0.458	0.533	13.16
3)		n-Nitrosodimet...	1.098	1.031	1.061	1.067	1.163	1.061	1.012	1.071	4.60
4)	S	2-Fluorophenol	1.027	1.017	0.940	0.945	1.036	0.984	0.975	0.989	3.91
5)	S	Phenol-d6	1.156	1.144	1.127	1.126	1.293	1.261	1.285	1.199	6.42
6)		bis(2-Chloroet...	1.138	1.139	1.128	1.089	1.223	1.146	1.146	1.144	3.51
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.393	0.383	0.421	0.407	0.455	0.450	0.446	0.422	6.86
9)		Naphthalene	1.183	1.125	1.119	1.111	1.215	1.165	1.160	1.154	3.31
10)		Hexachlorobuta...	0.253	0.249	0.261	0.247	0.266	0.246	0.238	0.251	3.81
11)	SURR	2-Methylnaphth...	0.520	0.515	0.562	0.536	0.598	0.577	0.588	0.557	5.97
12)		2-Methylnaphth...	0.704	0.680	0.691	0.719	0.809	0.783	0.793	0.740	7.22
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.124	0.147	0.146	0.157	0.185	0.182	0.186	0.161	15.03
15)	S	2-Fluorobiphenyl	1.722	1.691	1.626	1.654	1.814	1.706	1.725	1.705	3.52
16)		Acenaphthylene	1.946	1.905	1.768	1.871	2.112	2.050	2.075	1.961	6.32
17)		Acenaphthene	1.290	1.253	1.159	1.212	1.370	1.309	1.320	1.273	5.59
18)		Fluorene	1.701	1.577	1.518	1.611	1.823	1.736	1.752	1.674	6.48
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.039	0.050	0.067	0.090	0.102	0.114	0.077	38.58
21)		4-Bromophenyl-...	0.256	0.253	0.244	0.254	0.281	0.276	0.271	0.262	5.32
22)		Hexachlorobenzene	0.289	0.284	0.269	0.279	0.301	0.284	0.274	0.283	3.72
23)		Atrazine	0.194	0.200	0.187	0.209	0.241	0.238	0.247	0.216	11.42
24)		Pentachlorophenol		0.086	0.092	0.107	0.140	0.153	0.165	0.124	26.72
25)		Phenanthrene	1.285	1.242	1.193	1.248	1.386	1.357	1.361	1.296	5.64
26)		Anthracene	1.098	1.099	1.036	1.143	1.294	1.290	1.317	1.183	9.71
27)	SURR	Fluoranthene-d10	0.969	0.937	0.975	0.956	1.092	1.071	1.114	1.016	7.22
28)		Fluoranthene	1.339	1.294	1.277	1.365	1.579	1.563	1.605	1.432	10.09
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.051	1.974	1.827	1.928	2.048	1.955	1.885	1.953	4.20
31)	S	Terphenyl-d14	0.964	0.909	0.896	0.941	1.006	0.952	0.923	0.942	3.96
32)		Benzo(a)anthra...	1.369	1.367	1.291	1.404	1.582	1.553	1.570	1.448	8.15
33)		Chrysene	1.755	1.636	1.473	1.582	1.698	1.584	1.556	1.612	5.81
34)		Bis(2-ethylhex...	1.032	0.859	0.774	0.858	0.956	0.914	1.002	0.914	9.90
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN060325.M

36)		Indeno(1,2,3-c...	1.443	1.605	1.501	1.526	1.695	1.673	1.697	1.591	6.44
37)		Benzo(b)fluora...	1.529	1.520	1.421	1.575	1.763	1.713	1.781	1.615	8.58
38)		Benzo(k)fluora...	1.576	1.565	1.461	1.612	1.777	1.743	1.805	1.648	7.79
39)	C	Benzo(a)pyrene	1.310	1.287	1.219	1.294	1.451	1.426	1.481	1.352	7.32
40)		Dibenzo(a,h)an...	1.074	1.167	1.160	1.196	1.333	1.332	1.328	1.227	8.48
41)		Benzo(g,h,i)pe...	1.368	1.450	1.351	1.372	1.477	1.424	1.425	1.410	3.33

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: BNA_N Calibration Date/Time: 06/09/2025 10:54

Lab File ID: BN037189.D Init. Calib. Date(s): 06/03/2025 06/03/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:39 15:14

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.557	0.558		0.2	20.0
Fluoranthene-d10	1.016	0.960		-5.5	20.0
2-Fluorophenol	0.989	0.924		-6.6	20.0
Phenol-d6	1.199	1.124		-6.3	20.0
Nitrobenzene-d5	0.422	0.422		0.0	20.0
2-Fluorobiphenyl	1.705	1.691		-0.8	20.0
2,4,6-Tribromophenol	0.161	0.142		-11.8	20.0
Terphenyl-d14	0.942	0.909		-3.5	20.0
Benzo(a)anthracene	1.448	1.282		-11.5	20.0
Benzo(b)fluoranthene	1.615	1.446		-10.5	20.0
Benzo(k)fluoranthene	1.648	1.440		-12.6	20.0
Benzo(a)pyrene	1.352	1.193		-11.8	20.0
Benzo(g,h,i)perylene	1.410	1.306		-7.4	20.0

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: BNA_N Calibration Date/Time: 06/09/2025 23:11

Lab File ID: BN037204.D Init. Calib. Date(s): 06/03/2025 06/03/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:39 15:14

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.557	0.554		-0.5	20.0
Fluoranthene-d10	1.016	0.919		-9.5	20.0
2-Fluorophenol	0.989	0.935		-5.5	20.0
Phenol-d6	1.199	1.161		-3.2	20.0
Nitrobenzene-d5	0.422	0.423		0.2	20.0
2-Fluorobiphenyl	1.705	1.685		-1.2	20.0
2,4,6-Tribromophenol	0.161	0.151		-6.2	20.0
Terphenyl-d14	0.942	0.919		-2.4	20.0
Benzo(a)anthracene	1.448	1.292		-10.8	20.0
Benzo(b)fluoranthene	1.615	1.383		-14.4	20.0
Benzo(k)fluoranthene	1.648	1.487		-9.8	20.0
Benzo(a)pyrene	1.352	1.233		-8.8	20.0
Benzo(g,h,i)perylene	1.410	1.404		-0.4	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037212.D
Acq On : 10 Jun 2025 04:01
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TW1

Quant Time: Jun 10 05:36:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

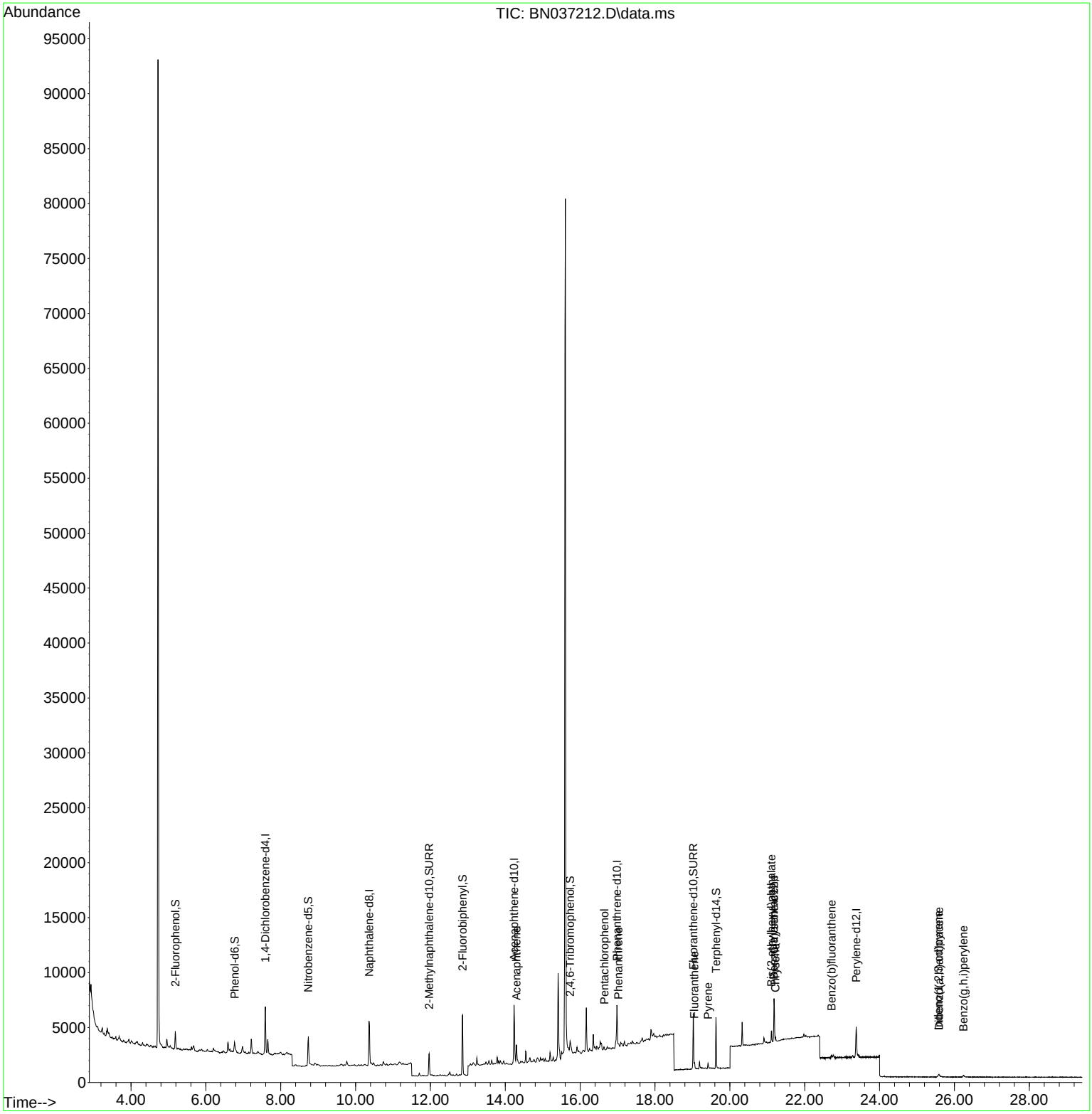
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1990	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	5262	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2819	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4769	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3609	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	3542	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1057	0.215	ng	0.00
5) Phenol-d6	6.773	99	781	0.131	ng	0.00
8) Nitrobenzene-d5	8.739	82	2240	0.403	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2890	0.395	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	483	0.426	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4842	0.403	ng	0.00
27) Fluoranthene-d10	19.026	212	5413	0.447	ng	0.00
31) Terphenyl-d14	19.630	244	4089	0.481	ng	0.00
Target Compounds						Qvalue
17) Acenaphthene	14.299	154	759	0.085	ng	100
24) Pentachlorophenol	16.649	266	75	0.252	ng	94
25) Phenanthrene	17.021	178	351	0.023	ng	# 85
28) Fluoranthene	19.054	202	416	0.024	ng	# 93
30) Pyrene	19.416	202	438	0.025	ng	99
32) Benzo(a)anthracene	21.171	228	296	0.023	ng	# 50
33) Chrysene	21.216	228	296	0.020	ng	# 58
34) Bis(2-ethylhexyl)phtha...	21.108	149	1180	0.143	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.576	276	300	0.021	ng	# 66
37) Benzo(b)fluoranthene	22.722	252	325	0.023	ng	# 1
40) Dibenzo(a,h)anthracene	25.588	278	222	0.020	ng	# 1
41) Benzo(g,h,i)perylene	26.243	276	262	0.021	ng	# 18

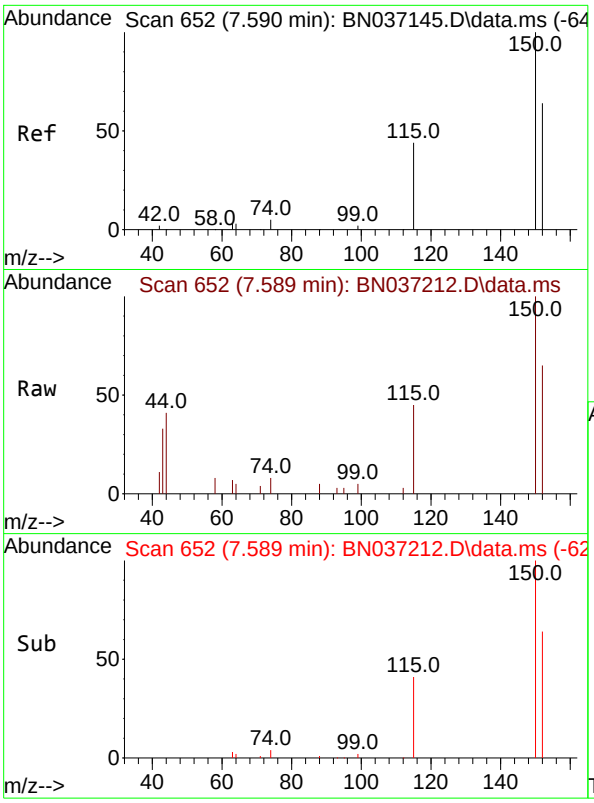
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037212.D
Acq On : 10 Jun 2025 04:01
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TW1

Quant Time: Jun 10 05:36:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



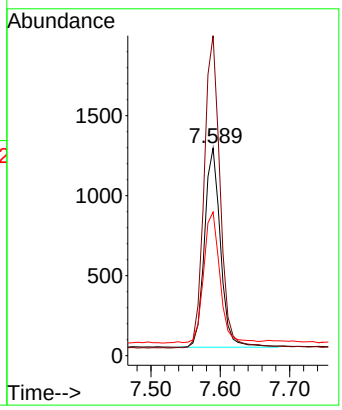


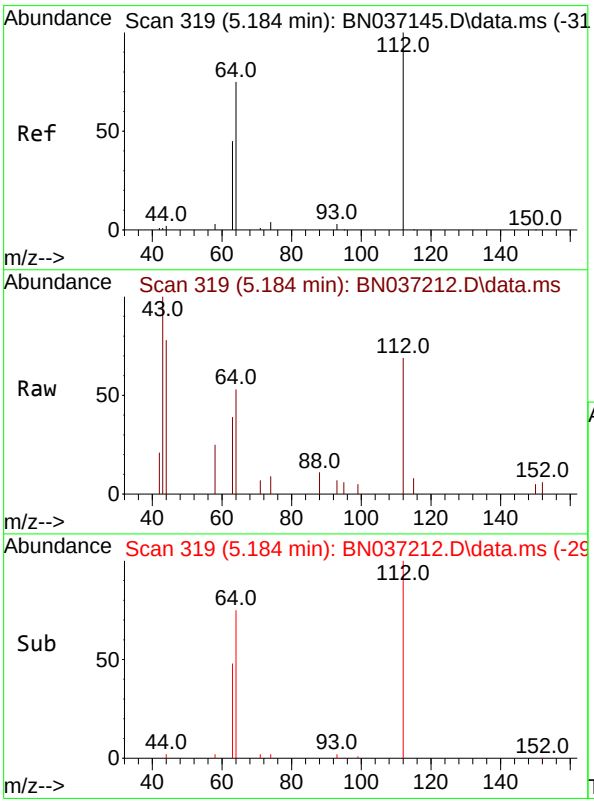
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:152 Resp: 1990

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.2	184.8
115	69.2	56.6	85.0

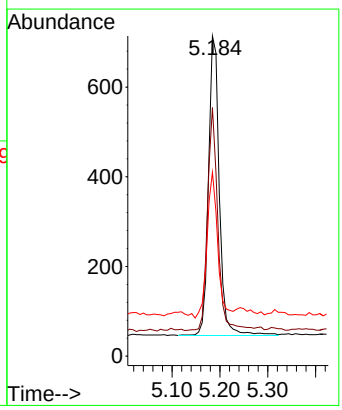


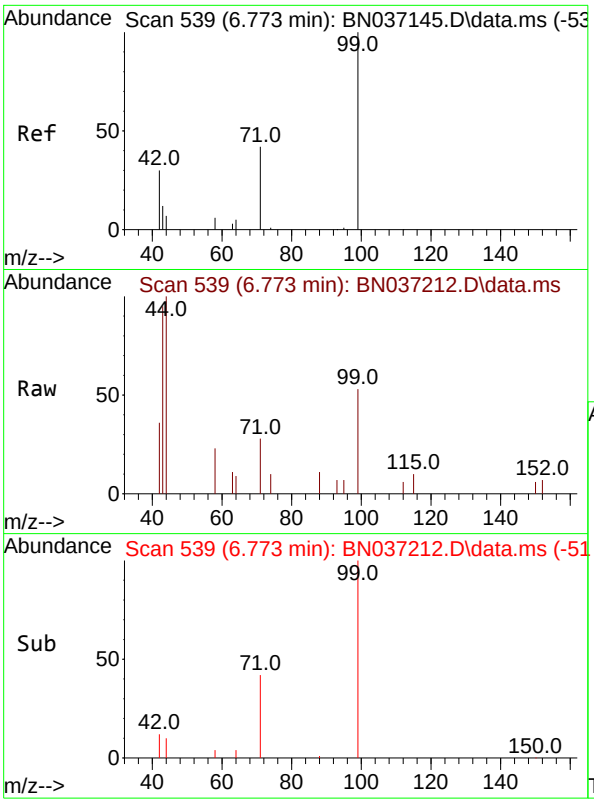


#4
2-Fluorophenol
Concen: 0.215 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:112 Resp: 1057

Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	47.7	36.2	54.4



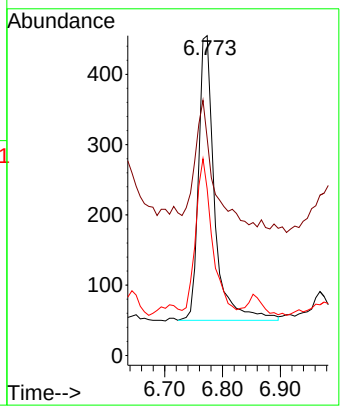


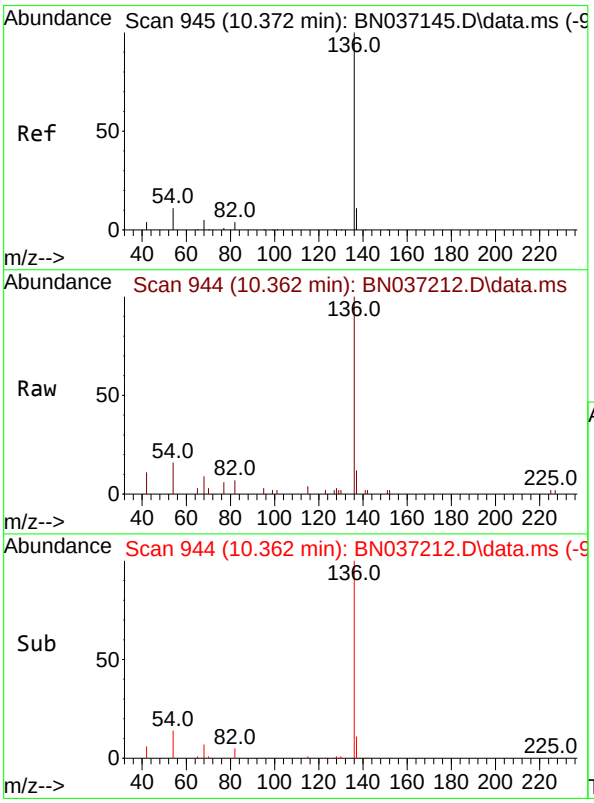
#5
Phenol-d6
Concen: 0.131 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion: 99 Resp: 781

Ion	Ratio	Lower	Upper
99	100		
42	49.7	31.3	46.9#
71	58.3	38.2	57.2#

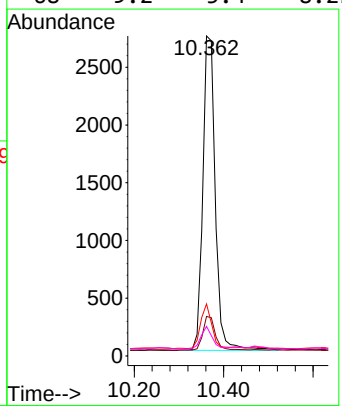


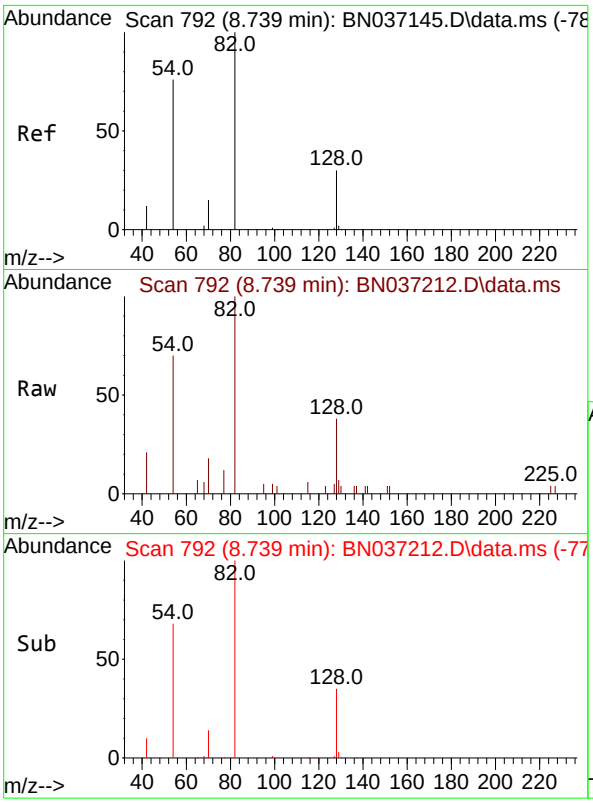


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:136 Resp: 5262

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	16.2	9.7	14.5#
68	9.2	5.4	8.2#



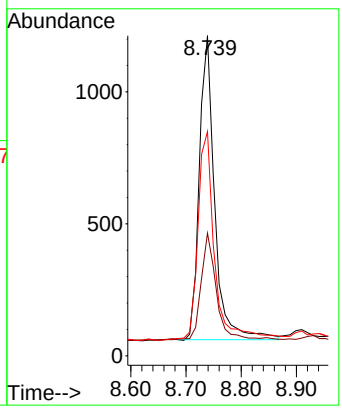


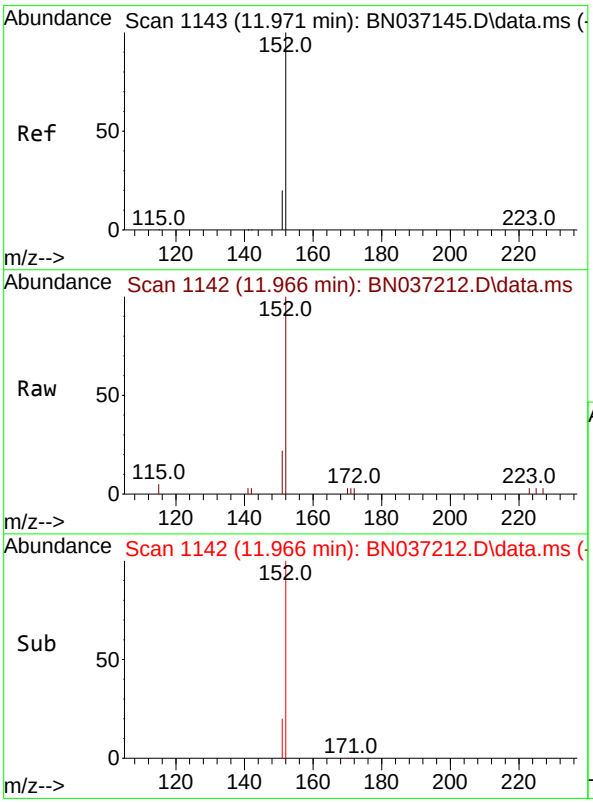
#8
Nitrobenzene-d5
Concen: 0.403 ng
RT: 8.739 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion: 82 Resp: 2240

Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.9	40.3
54	70.1	61.4	92.2

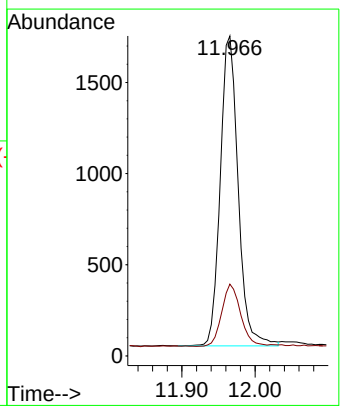


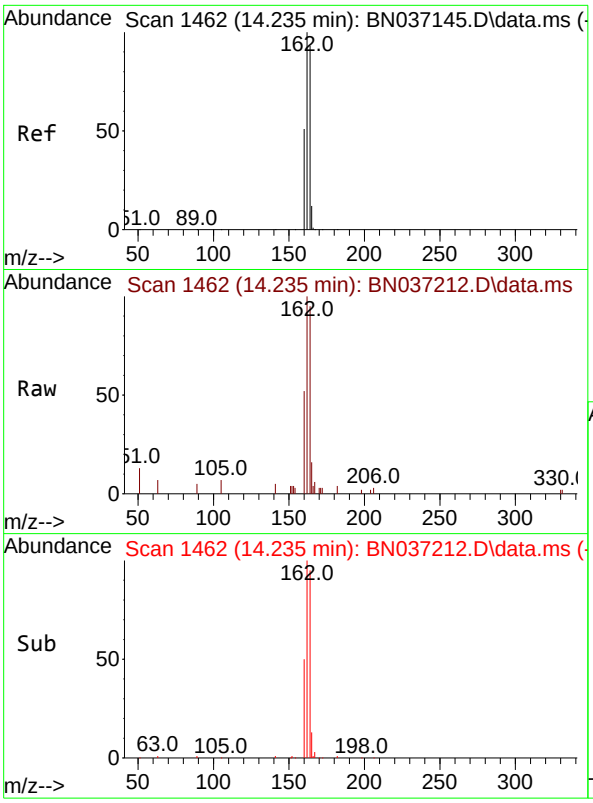


#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:152 Resp: 2890

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7



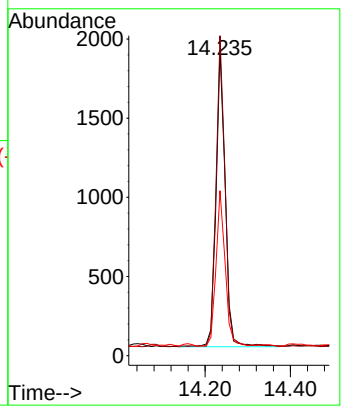


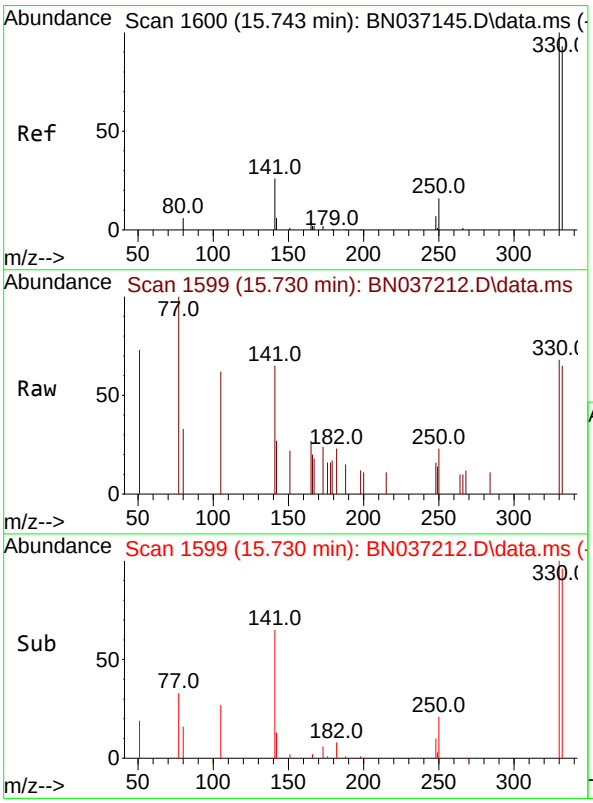
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:164 Resp: 2819

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.5	128.3
160	54.0	44.6	67.0

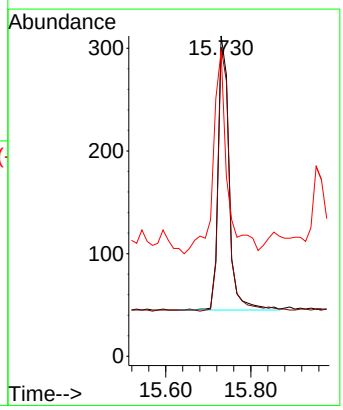


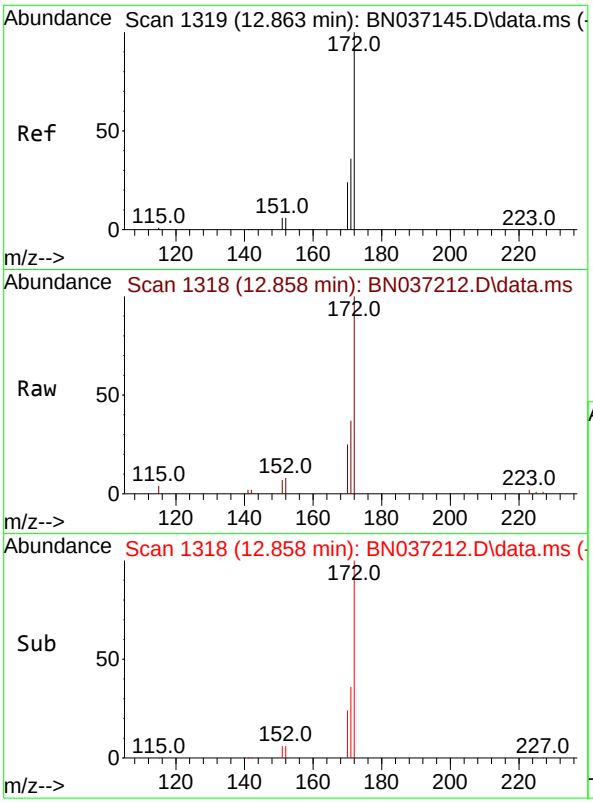


#14
2,4,6-Tribromophenol
Concen: 0.426 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:330 Resp: 483

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	94.0	46.4	69.6#



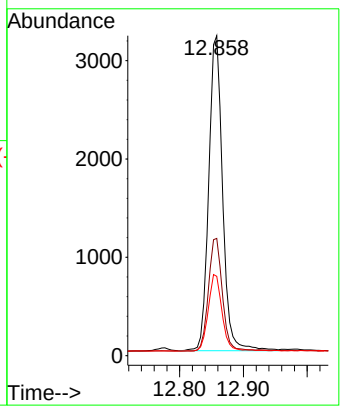


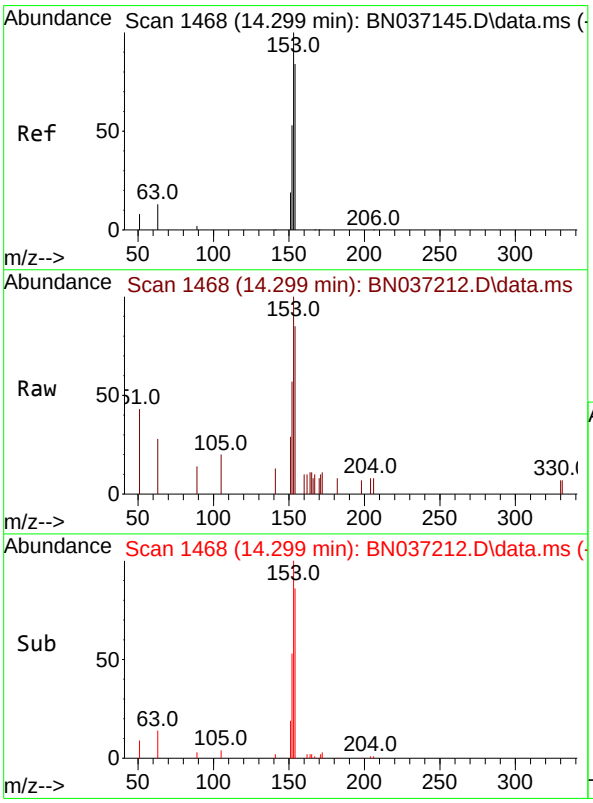
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:172 Resp: 4842

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.8	20.3	30.5

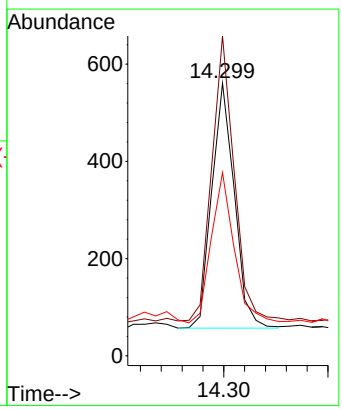


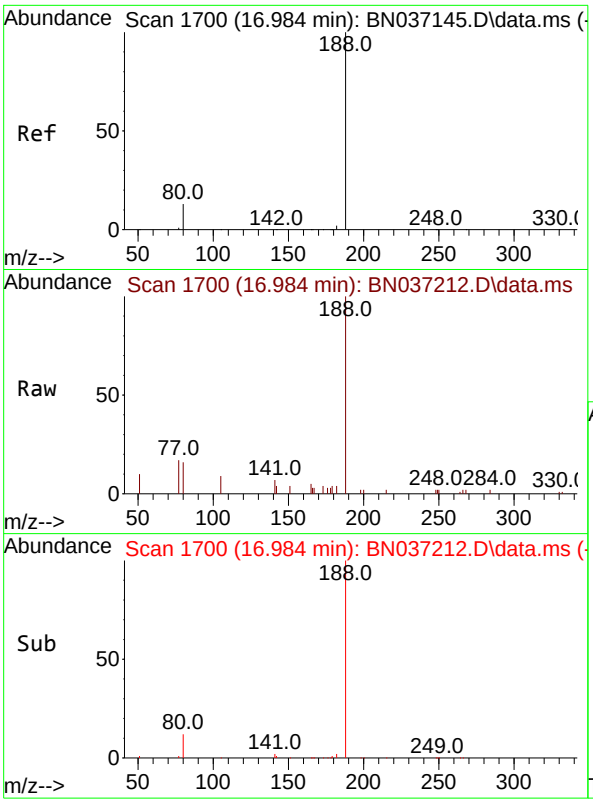


#17
Acenaphthene
Concen: 0.085 ng
RT: 14.299 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:154 Resp: 759

Ion	Ratio	Lower	Upper
154	100		
153	117.5	93.8	140.8
152	62.3	50.5	75.7



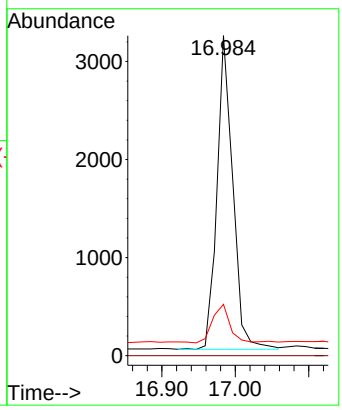


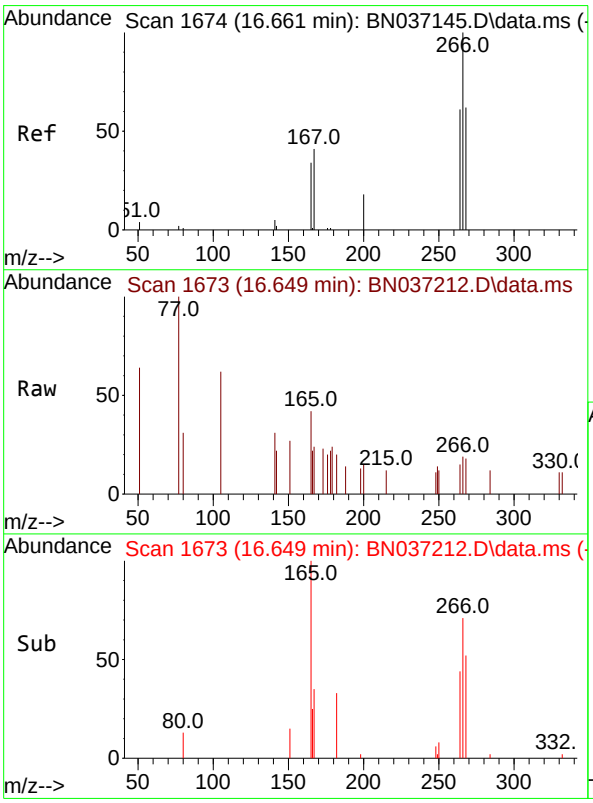
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:188 Resp: 4769

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.1	11.3	16.9

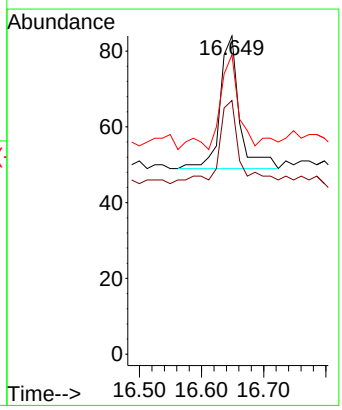


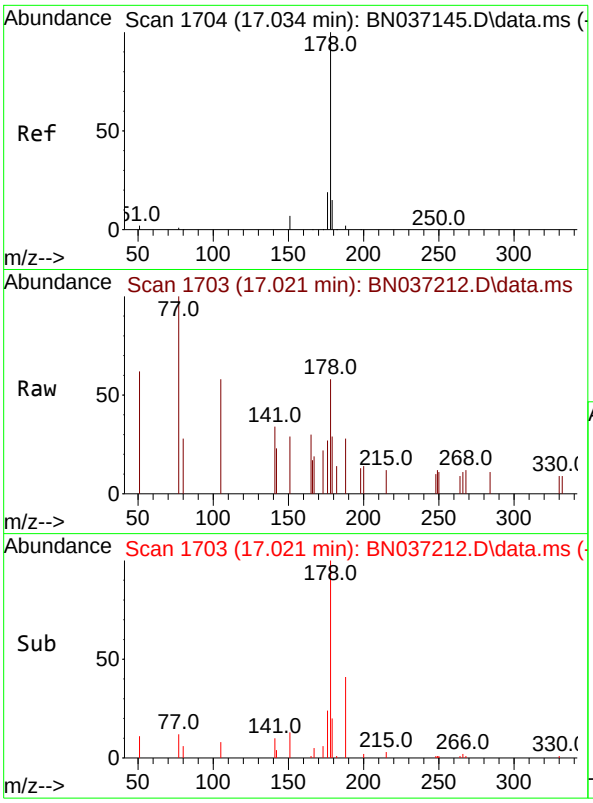


#24
Pentachlorophenol
Concen: 0.252 ng
RT: 16.649 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:266 Resp: 75

Ion	Ratio	Lower	Upper
266	100		
264	68.0	49.3	73.9
268	64.0	49.0	73.4



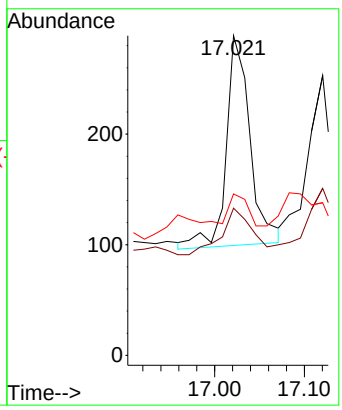


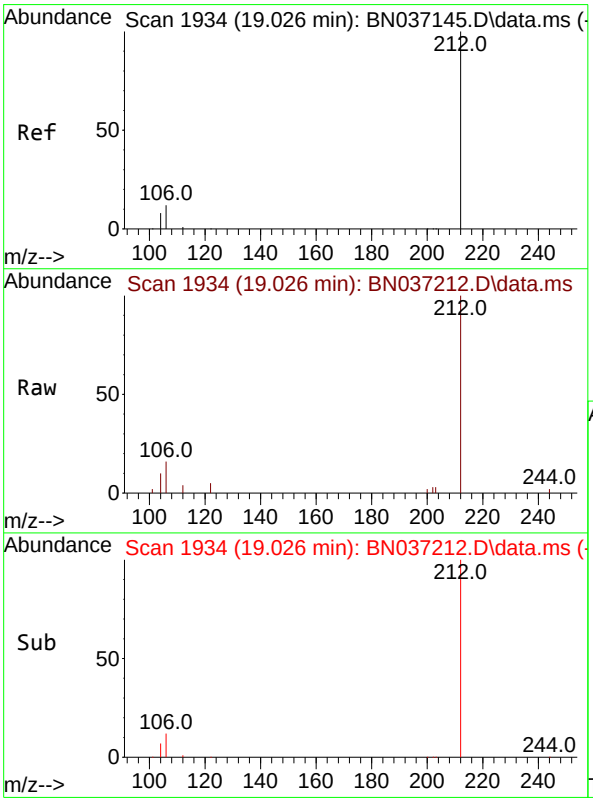
#25
Phenanthrene
Concen: 0.023 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:178 Resp: 351

Ion	Ratio	Lower	Upper
178	100		
176	29.9	15.7	23.5#
179	17.4	12.3	18.5

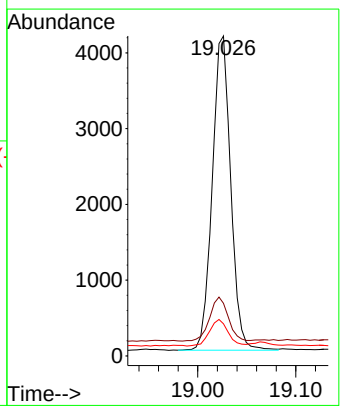


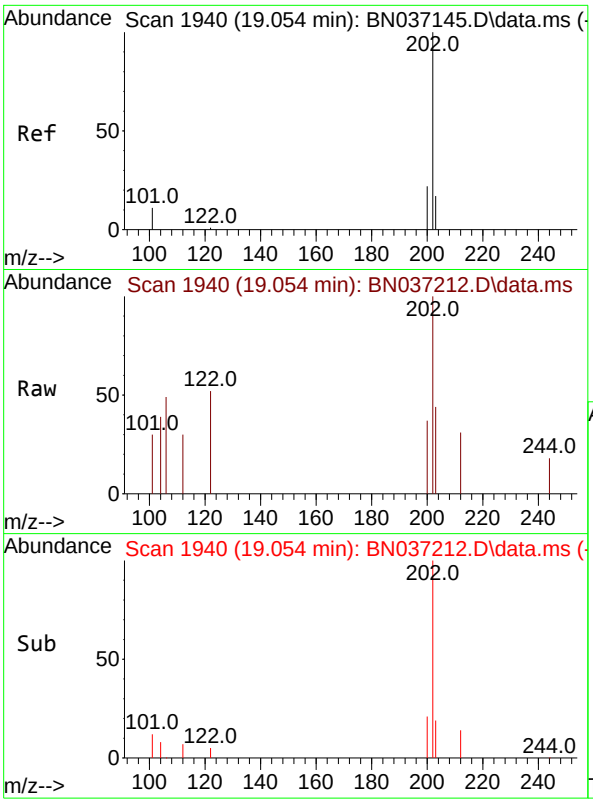


#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:212 Resp: 5413

Ion	Ratio	Lower	Upper
212	100		
106	14.1	10.6	15.8
104	8.5	6.6	9.8



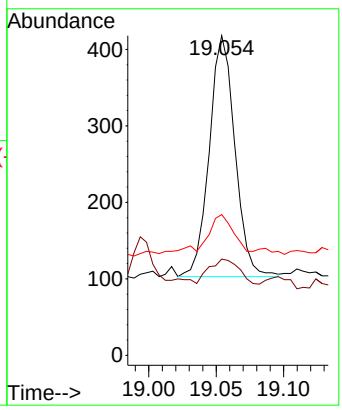


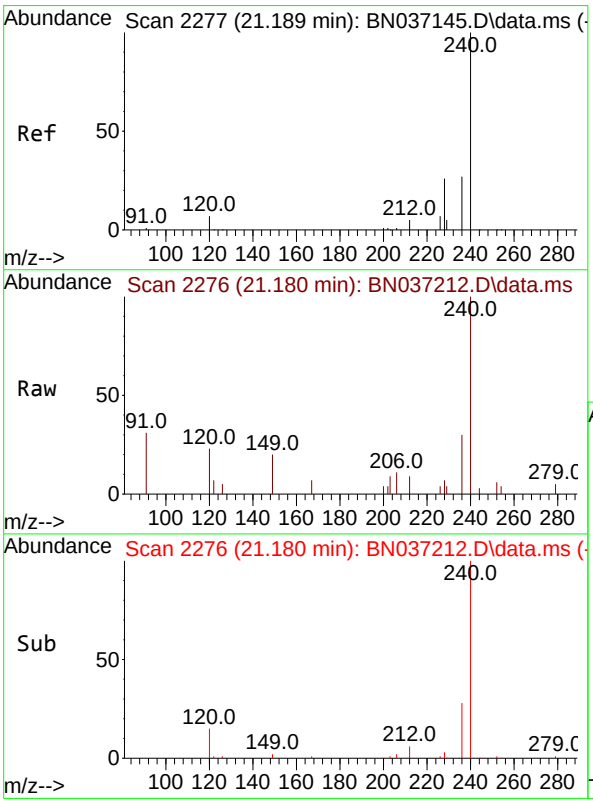
#28
Fluoranthene
Concen: 0.024 ng
RT: 19.054 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:202 Resp: 416

Ion	Ratio	Lower	Upper
202	100		
101	15.6	8.7	13.1#
203	15.6	13.5	20.3

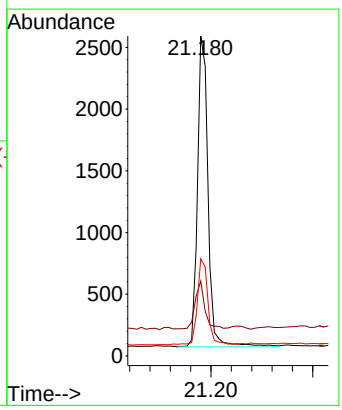


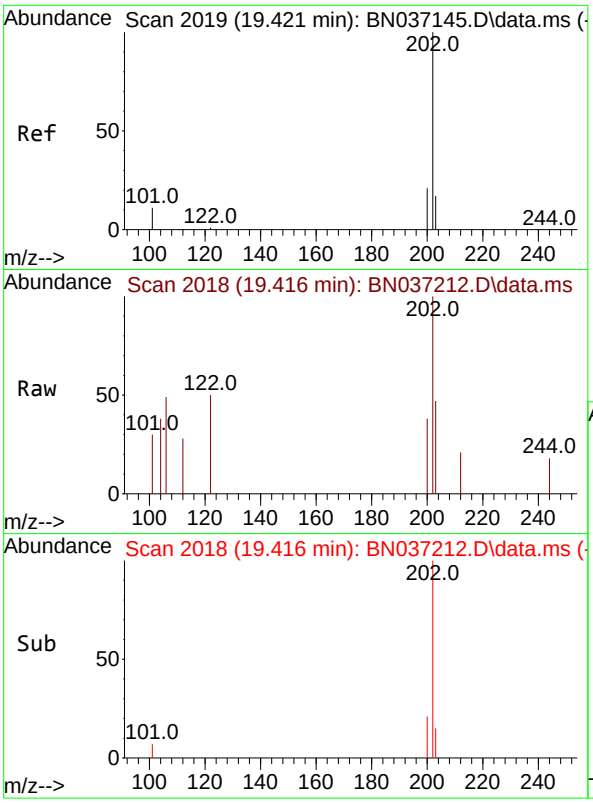


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:240 Resp: 3609

Ion	Ratio	Lower	Upper
240	100		
120	23.4	9.0	13.4#
236	30.4	23.0	34.4



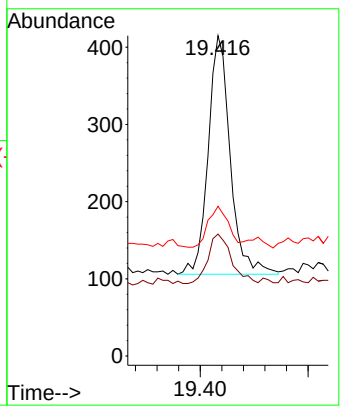


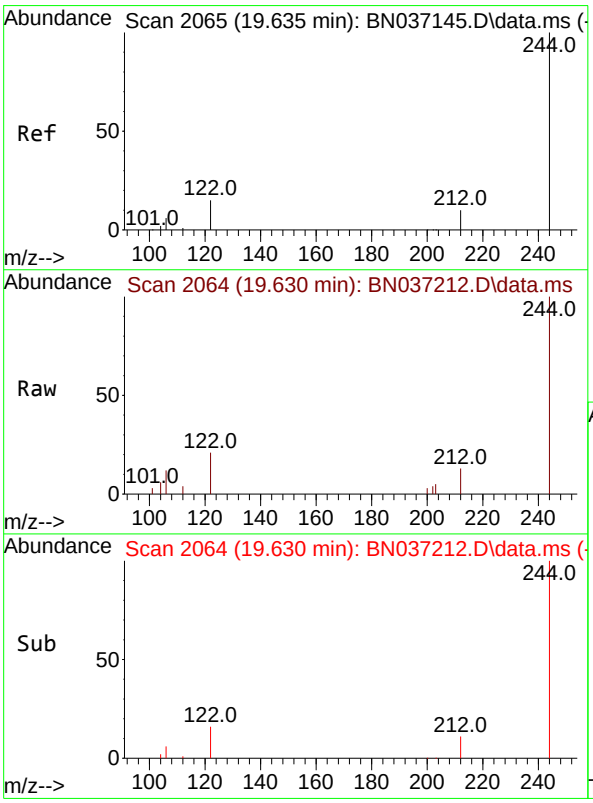
#30
Pyrene
Concen: 0.025 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:202 Resp: 438

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.6
203	17.1	14.2	21.4

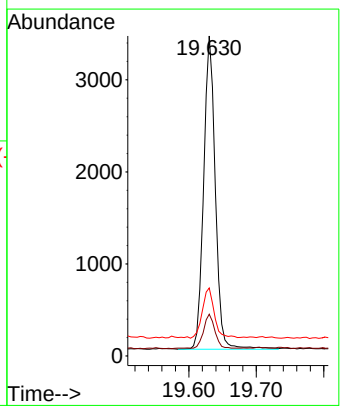


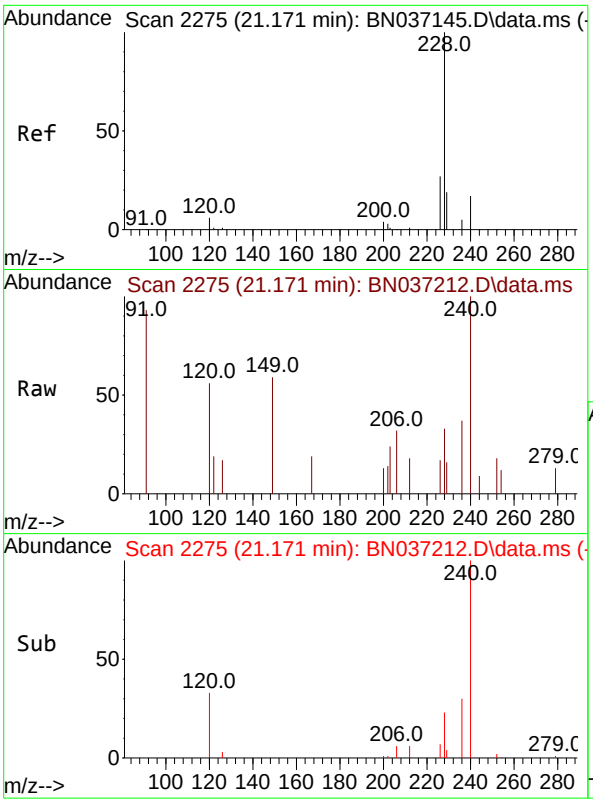


#31
Terphenyl-d14
Concen: 0.481 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:244 Resp: 4089

Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.0	15.0
122	21.3	13.2	19.8#



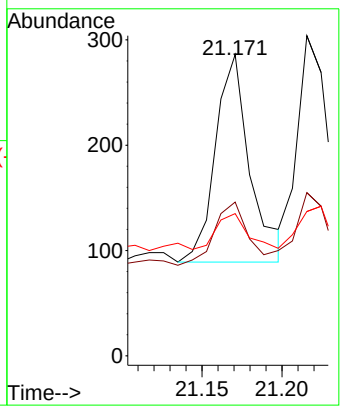


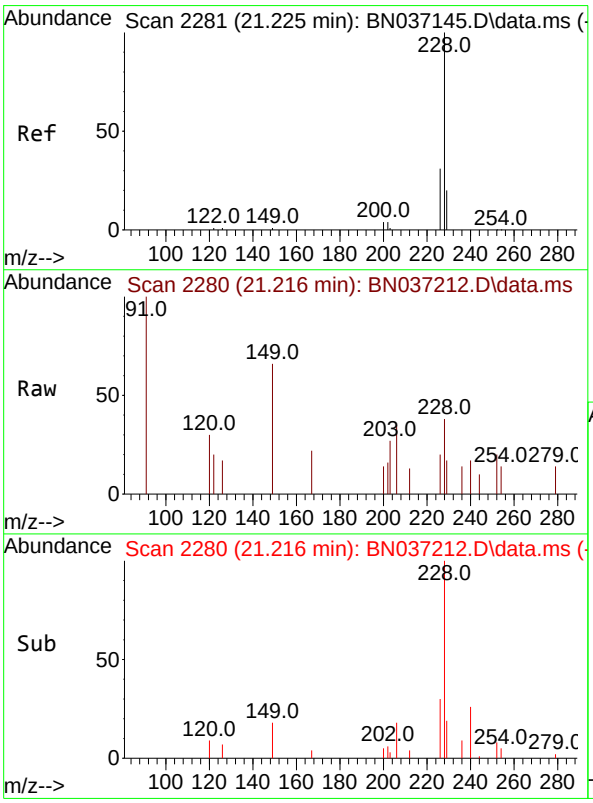
#32
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.171 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:228 Resp: 296

Ion	Ratio	Lower	Upper
228	100		
226	51.0	22.6	33.8#
229	47.2	16.2	24.2#

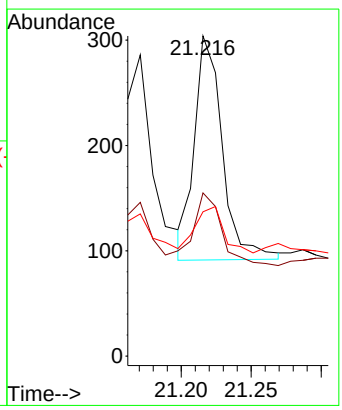


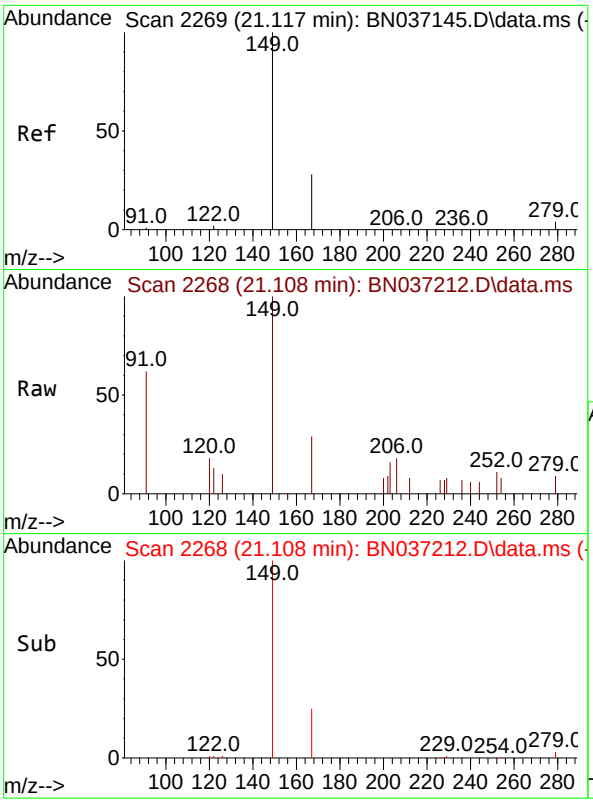


#33
Chrysene
Concen: 0.020 ng
RT: 21.216 min Scan# 2280
Delta R.T. -0.009 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:228 Resp: 296

Ion	Ratio	Lower	Upper
228	100		
226	51.0	25.2	37.8#
229	45.1	16.8	25.2#



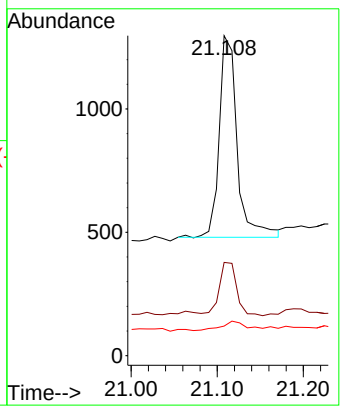


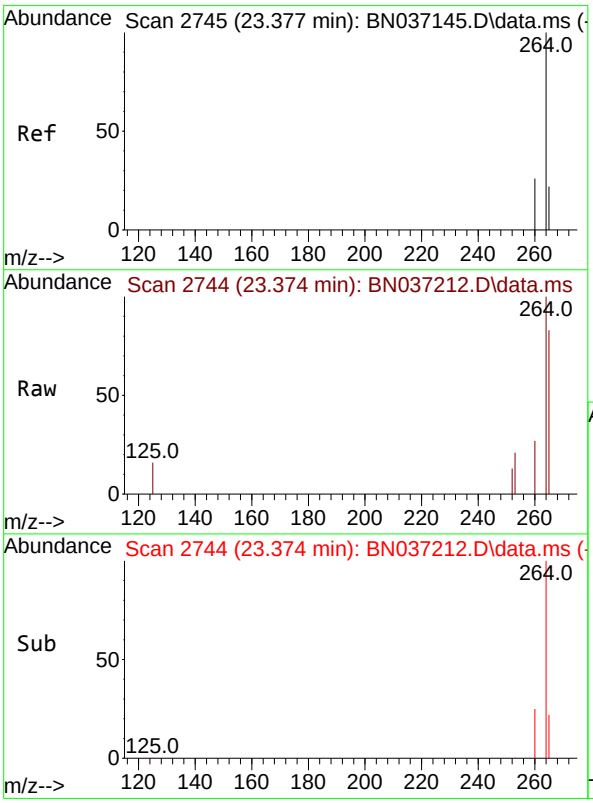
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.143 ng
RT: 21.108 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:149 Resp: 1180

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.0	31.4
279	6.4	2.9	4.3#

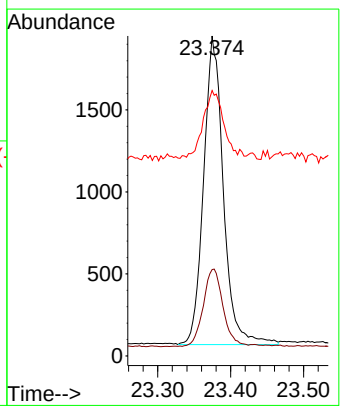


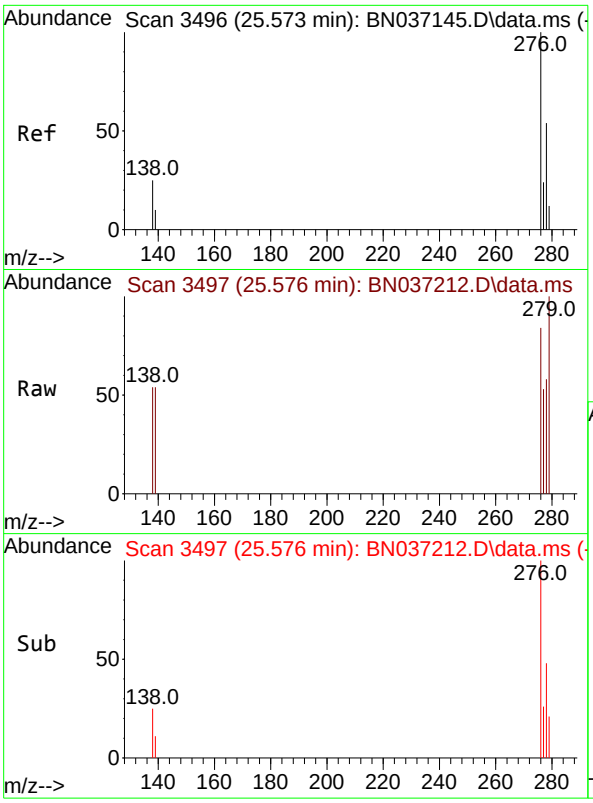


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 2744
Delta R.T. -0.003 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:264 Resp: 3542

Ion	Ratio	Lower	Upper
264	100		
260	27.0	22.1	33.1
265	82.9	55.8	83.8



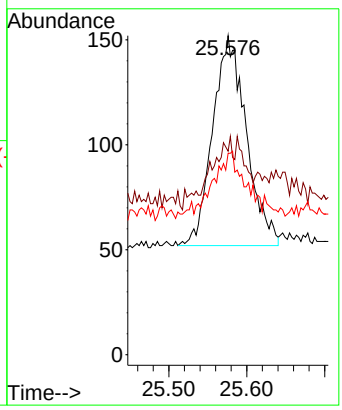


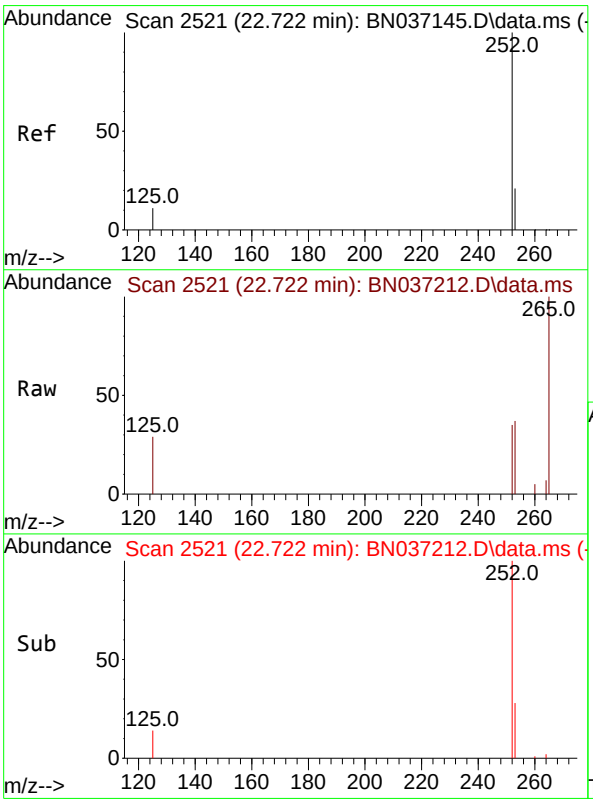
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 25.576 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:276 Resp: 300

Ion	Ratio	Lower	Upper
276	100		
138	16.3	21.0	31.6#
277	0.0	19.4	29.2#

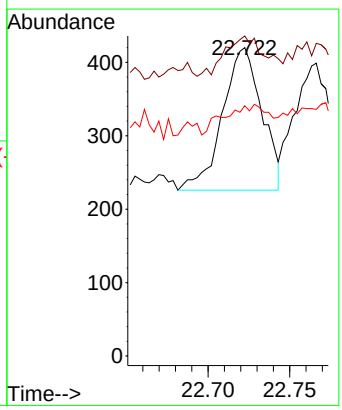


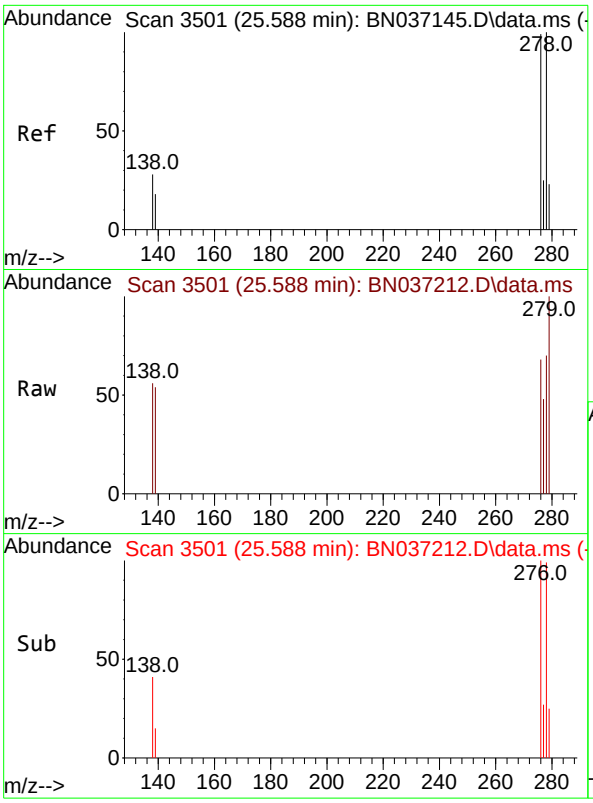


#37
Benzo(b)fluoranthene
Concen: 0.023 ng
RT: 22.722 min Scan# 2521
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:252 Resp: 325

Ion	Ratio	Lower	Upper
252	100		
253	103.8	22.3	33.5#
125	81.2	13.2	19.8#



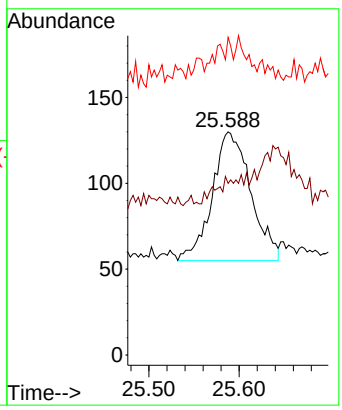


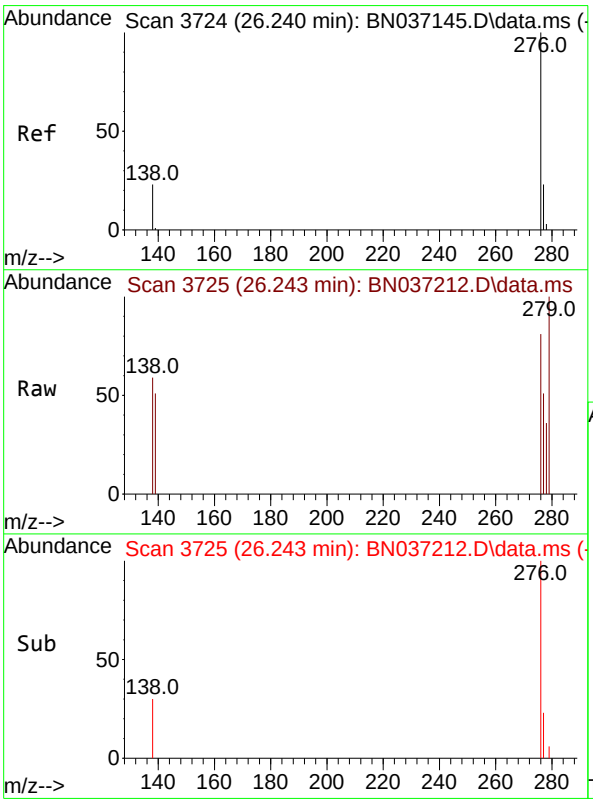
#40
Dibenzo(a,h)anthracene
Concen: 0.020 ng
RT: 25.588 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:278 Resp: 222

Ion	Ratio	Lower	Upper
278	100		
139	76.9	17.6	26.4#
279	142.3	26.0	39.0#

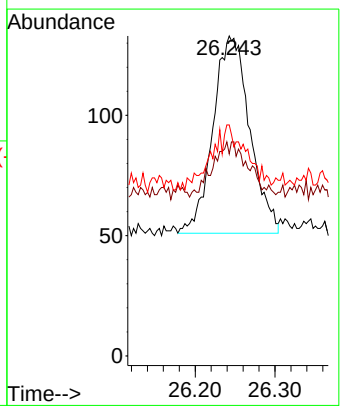




#41
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 26.243 min Scan# 3725
Delta R.T. 0.003 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:276 Resp: 262

Ion	Ratio	Lower	Upper
276	100		
277	63.2	20.9	31.3#
138	72.2	20.8	31.2#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037190.D
Acq On : 09 Jun 2025 11:30
Operator : RC/JU
Sample : PB168336BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Quant Time: Jun 09 12:24:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

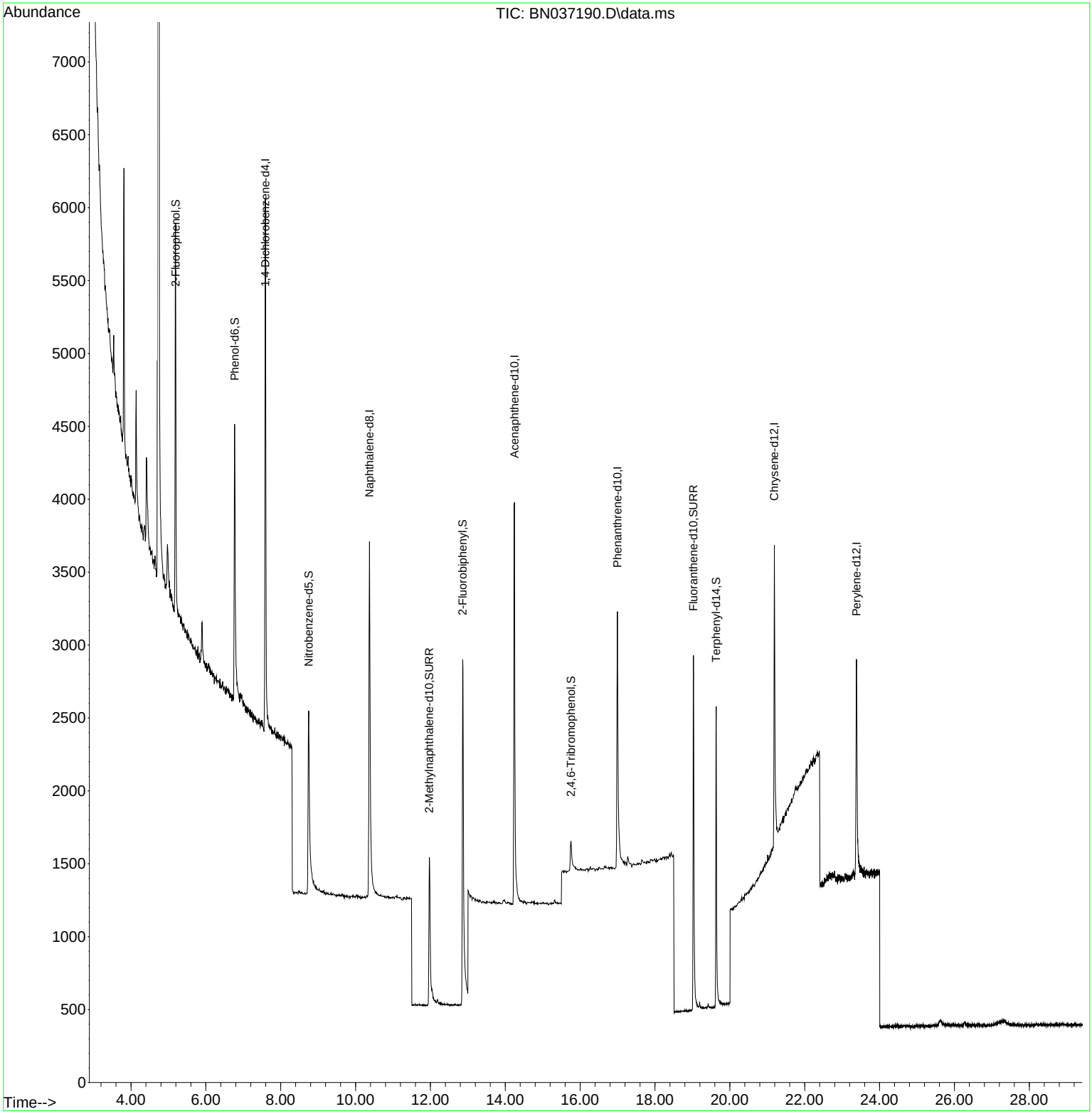
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1816	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4227	0.400	ng	# 0.00
13) Acenaphthene-d10	14.245	164	2101	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	3500	0.400	ng	0.01
29) Chrysene-d12	21.189	240	2446	0.400	ng	# 0.00
35) Perylene-d12	23.386	264	2291	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1866	0.416	ng	0.00
5) Phenol-d6	6.773	99	1994	0.366	ng	0.00
8) Nitrobenzene-d5	8.749	82	1646	0.369	ng	0.01
11) 2-Methylnaphthalene-d10	11.970	152	2143	0.364	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	207	0.245	ng	0.01
15) 2-Fluorobiphenyl	12.863	172	3619	0.404	ng	0.00
27) Fluoranthene-d10	19.026	212	3511	0.395	ng	0.00
31) Terphenyl-d14	19.635	244	2421	0.420	ng	0.00
Target Compounds						Qvalue

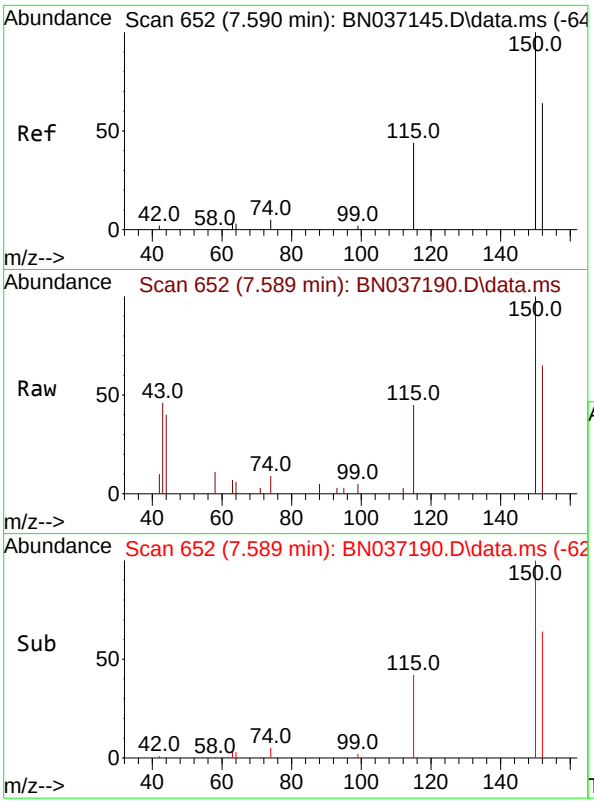
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037190.D
Acq On : 09 Jun 2025 11:30
Operator : RC/JU
Sample : PB168336BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Quant Time: Jun 09 12:24:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



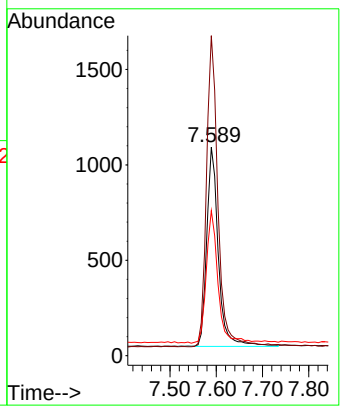


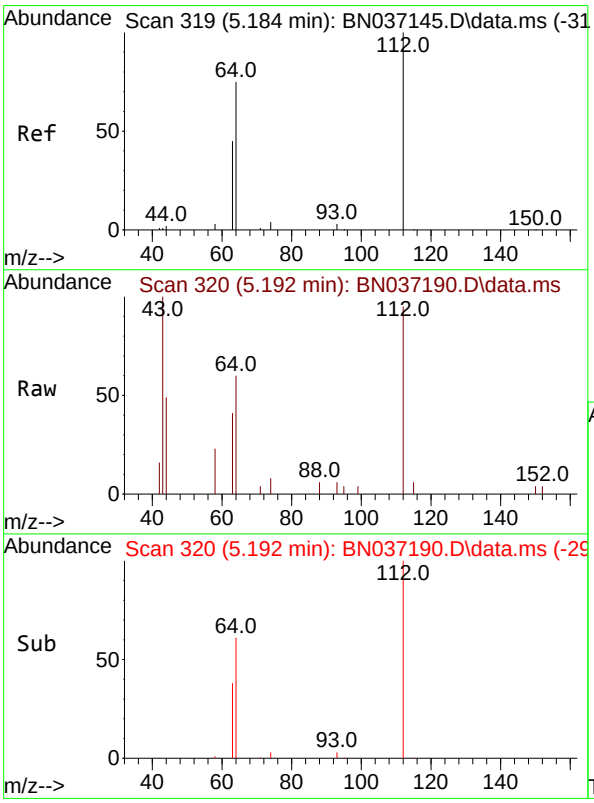
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:152 Resp: 1816

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.2	184.8
115	69.5	56.6	85.0

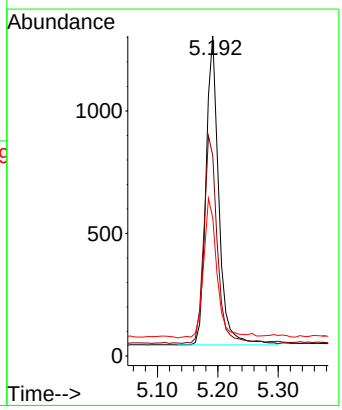


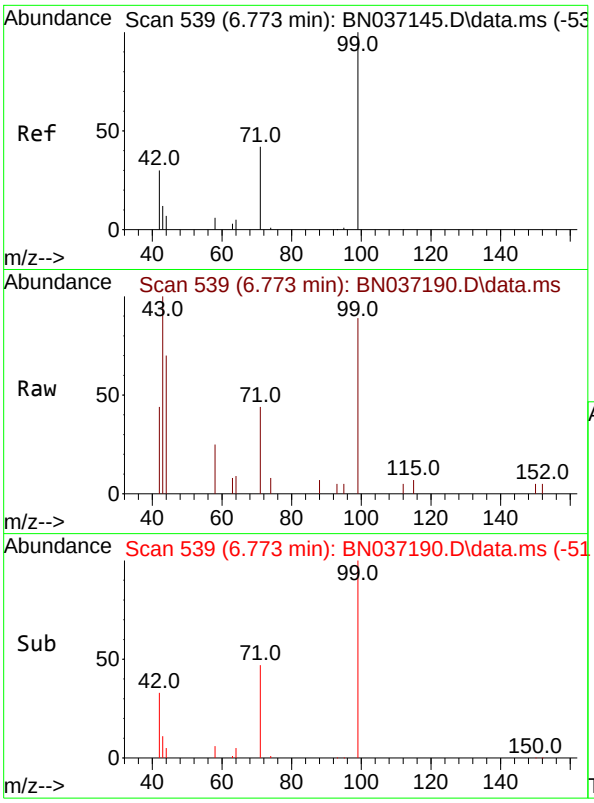


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:112 Resp: 1866

Ion	Ratio	Lower	Upper
112	100		
64	69.8	56.3	84.5
63	47.4	36.2	54.4



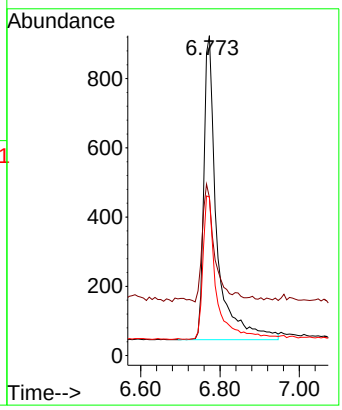


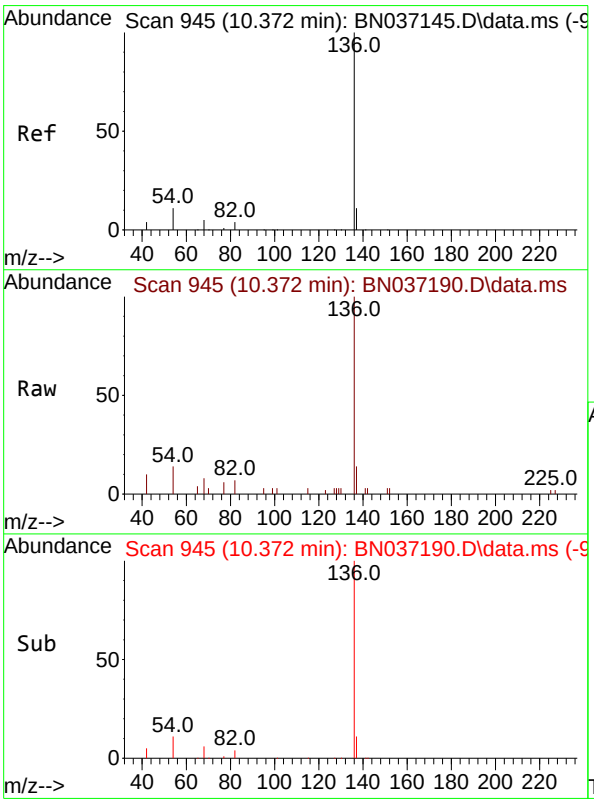
#5
Phenol-d6
Concen: 0.366 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion: 99 Resp: 1994

Ion	Ratio	Lower	Upper
99	100		
42	34.5	31.3	46.9
71	48.8	38.2	57.2

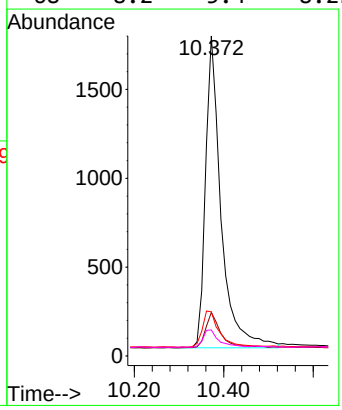


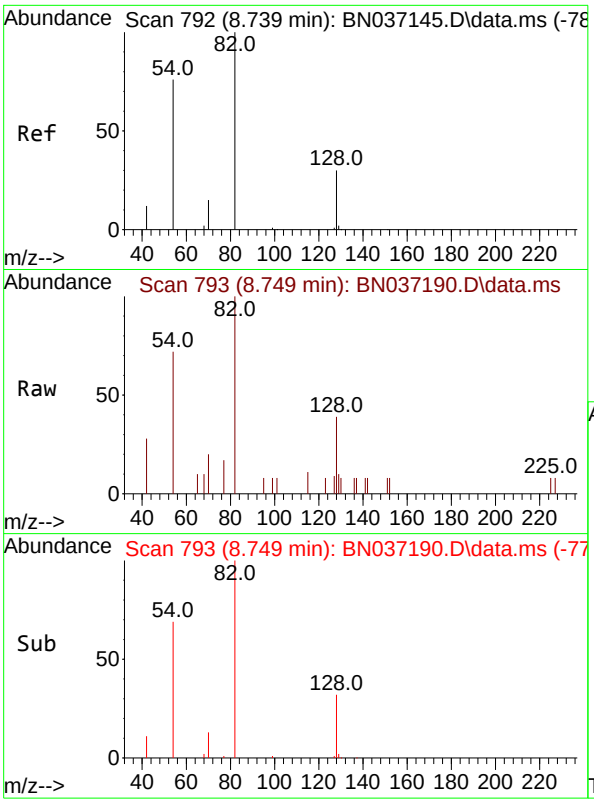


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:136 Resp: 4227

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.7	14.5
54	13.8	9.7	14.5
68	8.2	5.4	8.2#



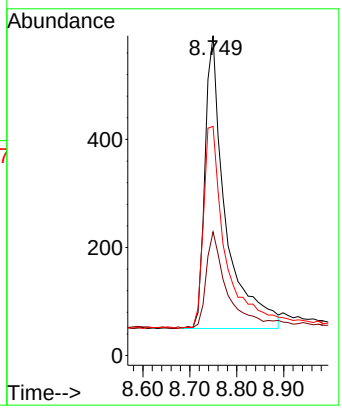


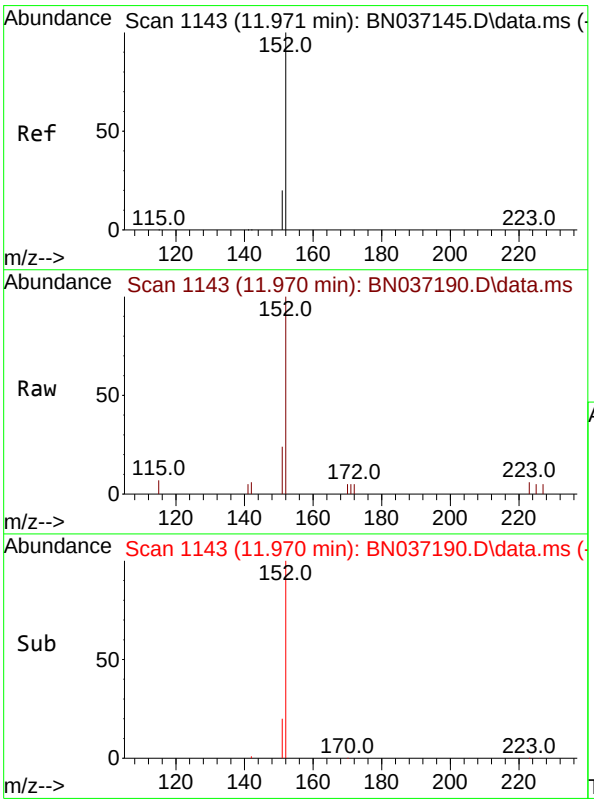
#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.749 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion: 82 Resp: 1646

Ion	Ratio	Lower	Upper
82	100		
128	38.7	26.9	40.3
54	71.6	61.4	92.2

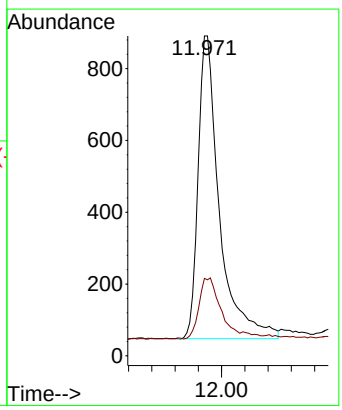


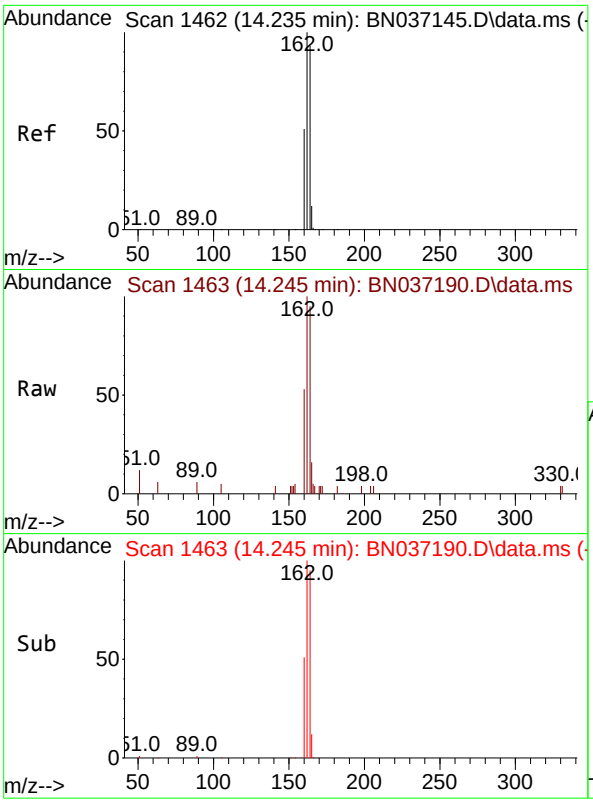


#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.970 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:152 Resp: 2143

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7



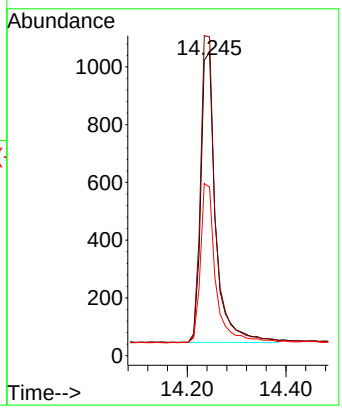


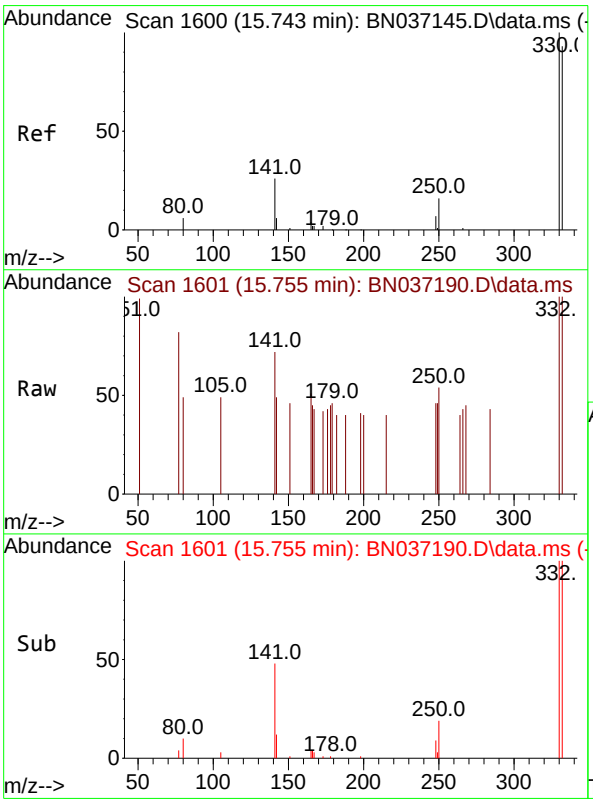
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:164 Resp: 2101

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.5	128.3
160	55.6	44.6	67.0

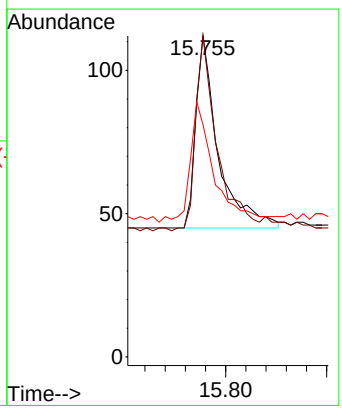


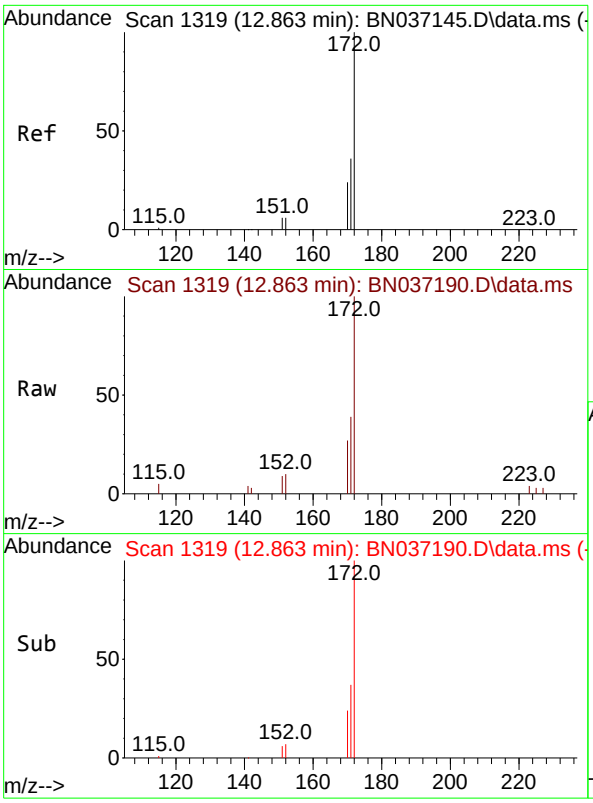


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.012 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:330 Resp: 207

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	66.7	46.4	69.6



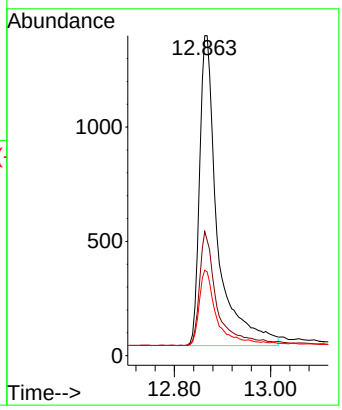


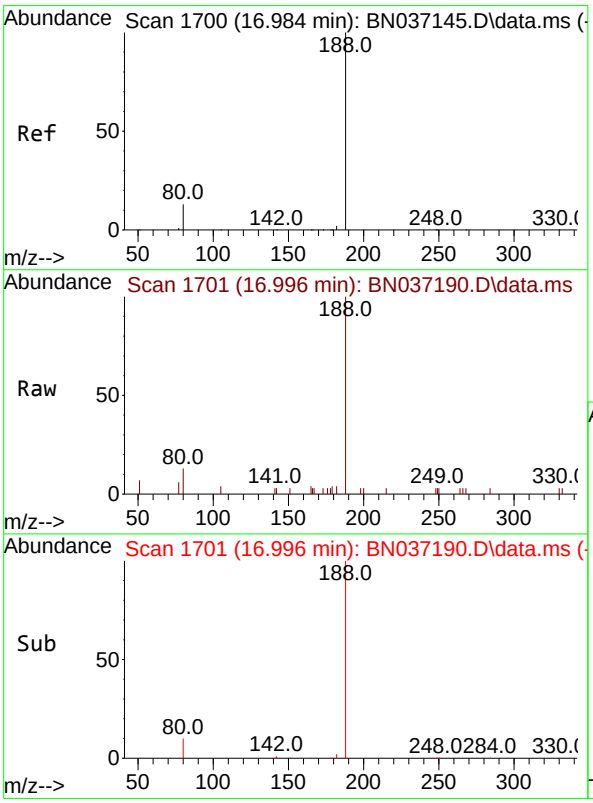
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:172 Resp: 3619

Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.6	44.4
170	26.7	20.3	30.5

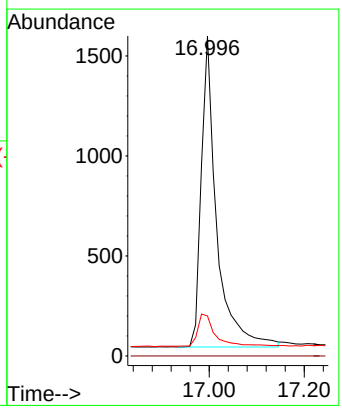


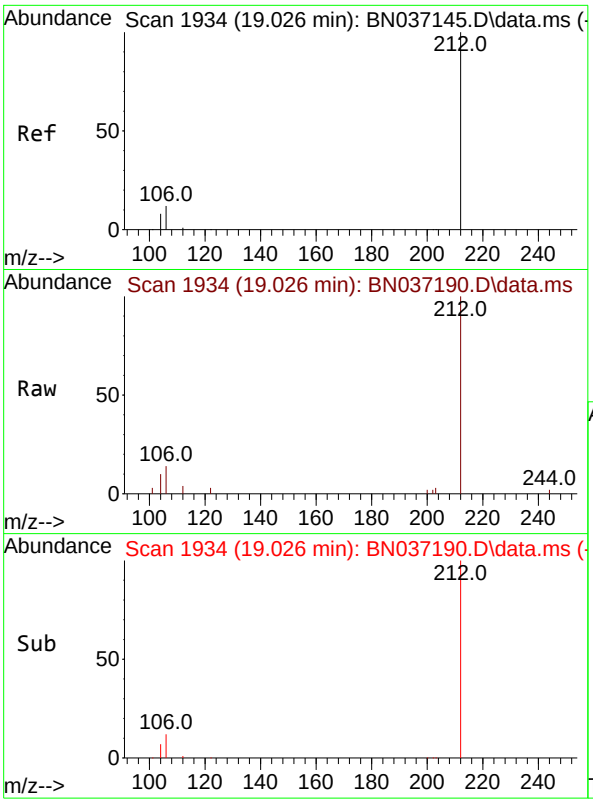


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.012 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:188 Resp: 3500

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	11.3	16.9



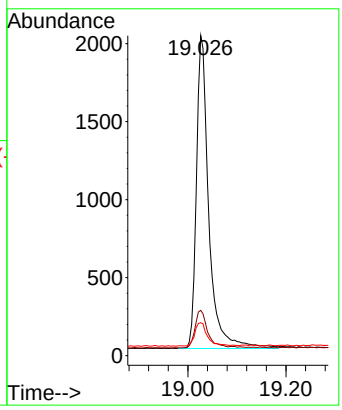


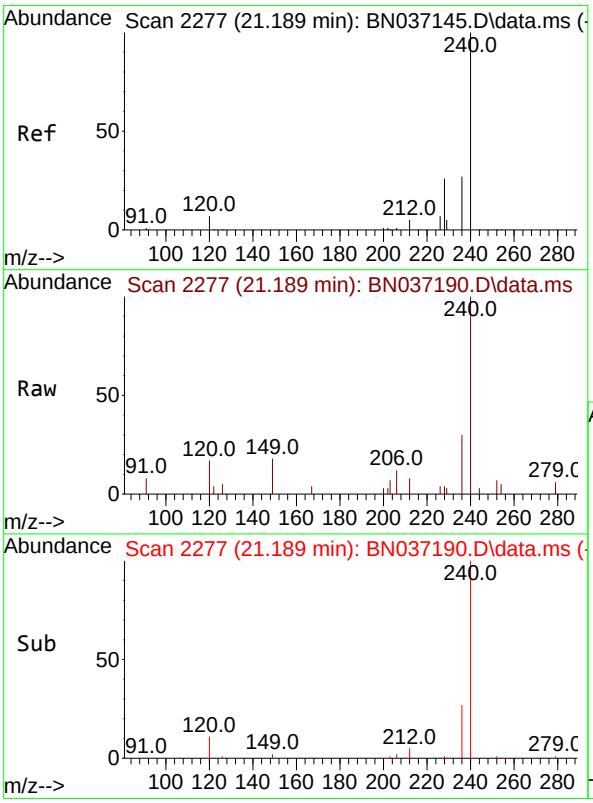
#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:212 Resp: 3511

Ion	Ratio	Lower	Upper
212	100		
106	12.0	10.6	15.8
104	7.4	6.6	9.8

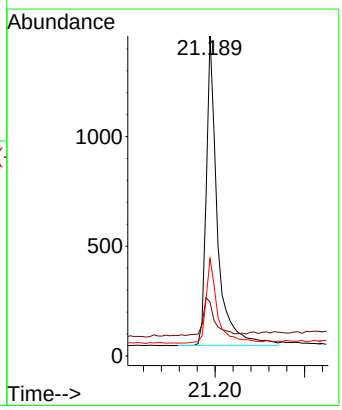


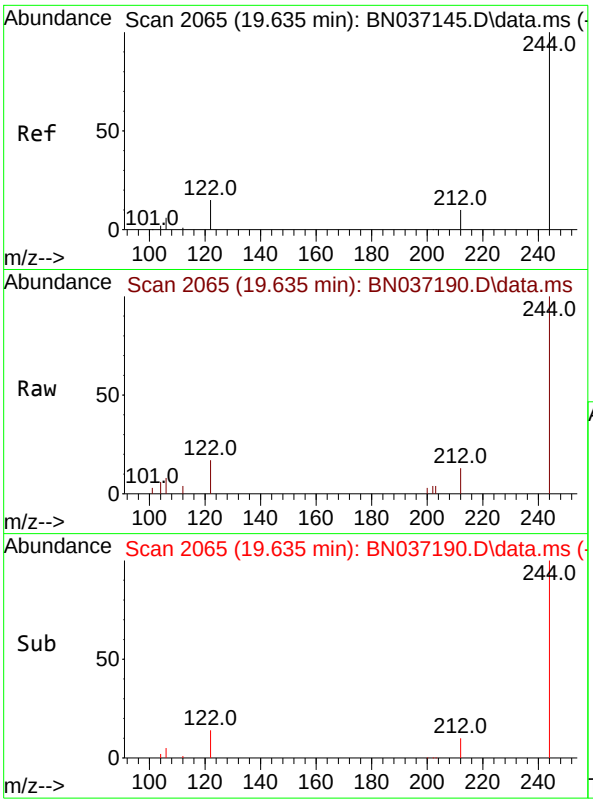


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:240 Resp: 2446

Ion	Ratio	Lower	Upper
240	100		
120	16.8	9.0	13.4#
236	30.4	23.0	34.4



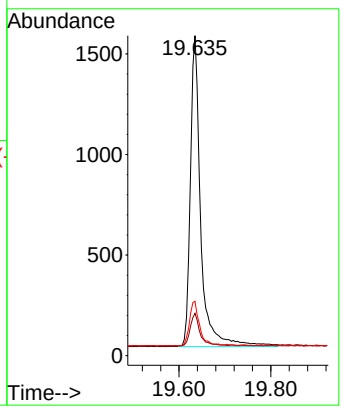


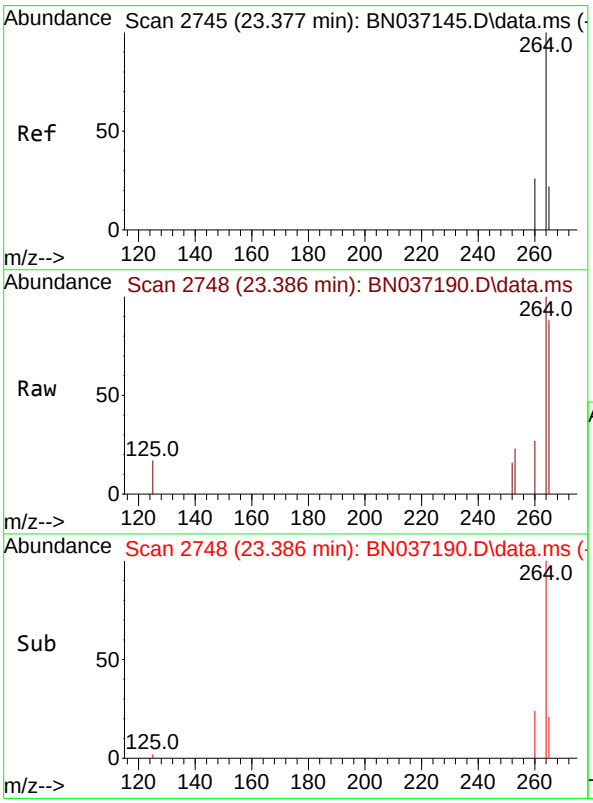
#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:244 Resp: 2421

Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.0	15.0
122	17.0	13.2	19.8

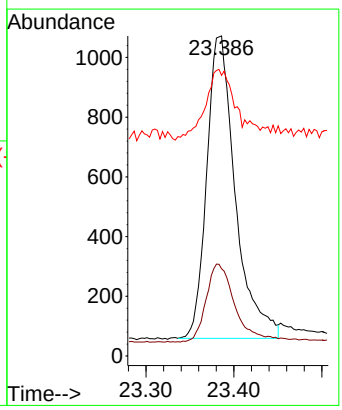




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.386 min Scan# 2748
Delta R.T. 0.009 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:264 Resp: 2291

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.1	33.1
265	87.7	55.8	83.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037201.D
Acq On : 09 Jun 2025 20:40
Operator : RC/JU
Sample : PB168336BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BS

Quant Time: Jun 10 04:03:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

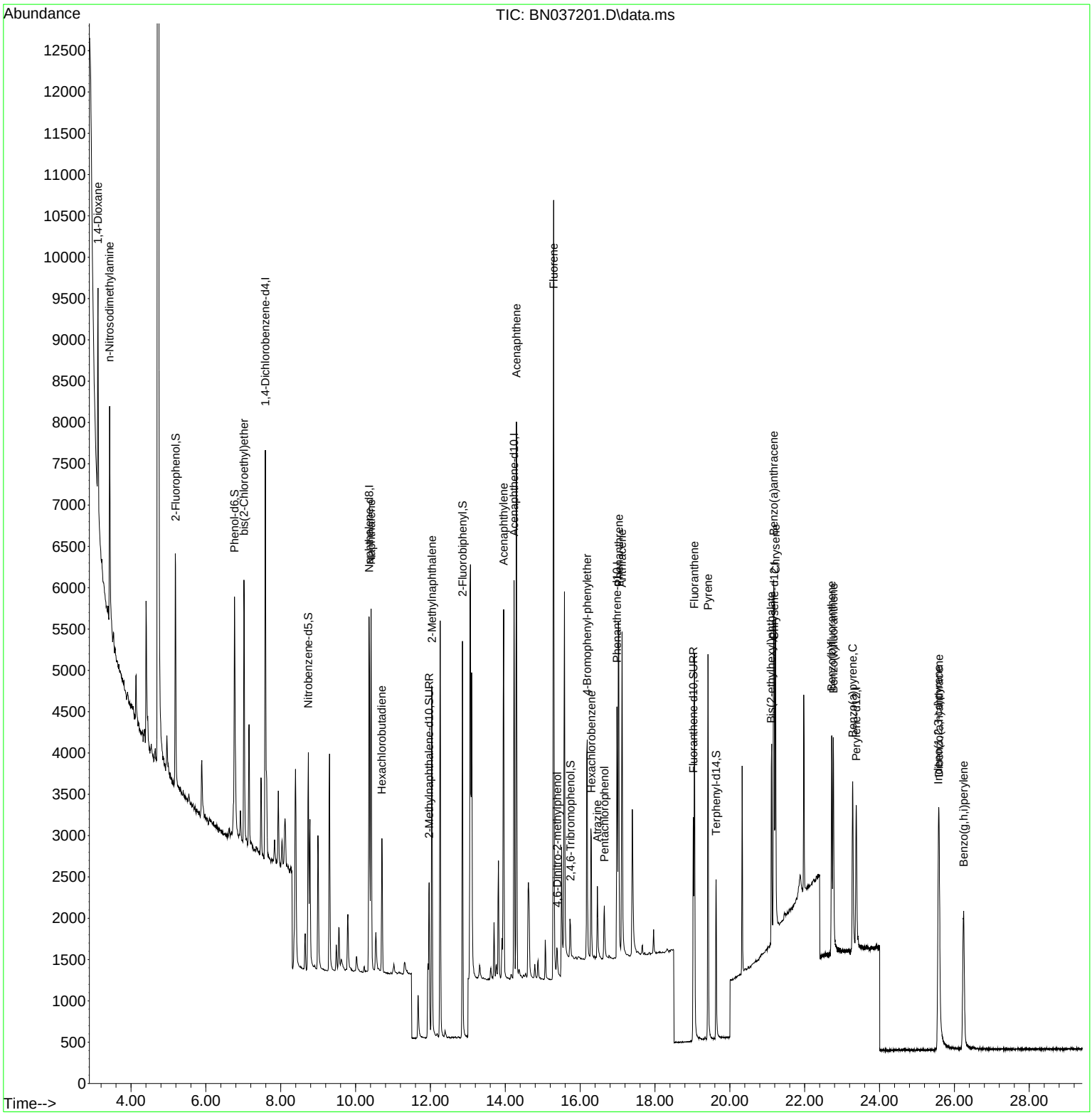
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2227	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	5466	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	2607	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4253	0.400	ng	0.00
29) Chrysene-d12	21.188	240	2468	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2373	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	2001	0.363	ng	0.00
5) Phenol-d6	6.766	99	2345	0.351	ng	0.00
8) Nitrobenzene-d5	8.738	82	2065	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2755	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	307	0.292	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	4234	0.381	ng	0.00
27) Fluoranthene-d10	19.026	212	3278	0.303	ng	0.00
31) Terphenyl-d14	19.634	244	2215	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	1196	0.403	ng	# 44
3) n-Nitrosodimethylamine	3.429	42	2277	0.382	ng	# 91
6) bis(2-Chloroethyl)ether	7.019	93	2167	0.340	ng	95
9) Naphthalene	10.415	128	5395	0.342	ng	100
10) Hexachlorobutadiene	10.703	225	1252	0.364	ng	# 97
12) 2-Methylnaphthalene	12.041	142	3113	0.308	ng	99
16) Acenaphthylene	13.956	152	4871	0.381	ng	100
17) Acenaphthene	14.298	154	2908	0.350	ng	100
18) Fluorene	15.293	166	3677	0.337	ng	100
20) 4,6-Dinitro-2-methylph...	15.389	198	337	0.545	ng	# 68
21) 4-Bromophenyl-phenylether	16.189	248	1073	0.385	ng	91
22) Hexachlorobenzene	16.301	284	1184	0.394	ng	98
23) Atrazine	16.462	200	810	0.352	ng	98
24) Pentachlorophenol	16.648	266	393	0.433	ng	98
25) Phenanthrene	17.033	178	4954	0.360	ng	100
26) Anthracene	17.120	178	4498	0.358	ng	98
28) Fluoranthene	19.054	202	4519	0.297	ng	100
30) Pyrene	19.416	202	4443	0.369	ng	99
32) Benzo(a)anthracene	21.170	228	3255	0.364	ng	98
33) Chrysene	21.224	228	3659	0.368	ng	99
34) Bis(2-ethylhexyl)phtha...	21.108	149	1974	0.350	ng	100
36) Indeno(1,2,3-cd)pyrene	25.573	276	4127	0.437	ng	98
37) Benzo(b)fluoranthene	22.722	252	3317	0.346	ng	92
38) Benzo(k)fluoranthene	22.766	252	3519	0.360	ng	94
39) Benzo(a)pyrene	23.283	252	3154	0.393	ng	94
40) Dibenzo(a,h)anthracene	25.590	278	3219	0.442	ng	96
41) Benzo(g,h,i)perylene	26.248	276	3529	0.422	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037201.D
Acq On : 09 Jun 2025 20:40
Operator : RC/JU
Sample : PB168336BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BS

Quant Time: Jun 10 04:03:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037192.D
Acq On : 09 Jun 2025 14:33
Operator : RC/JU
Sample : Q2250-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 09 15:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MS

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2144	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	5670	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	2991	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5389	0.400	ng	0.00
29) Chrysene-d12	21.188	240	3448	0.400	ng	0.00
35) Perylene-d12	23.380	264	3177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	842	0.159	ng	0.00
5) Phenol-d6	6.766	99	649	0.101	ng	0.00
8) Nitrobenzene-d5	8.739	82	1888	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2380m	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	466	0.387	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4371	0.343	ng	0.00
27) Fluoranthene-d10	19.026	212	5042	0.368	ng	0.00
31) Terphenyl-d14	19.630	244	3837	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.111	88	8692	3.041	ng	94
3) n-Nitrosodimethylamine	3.429	42	693	0.121	ng	# 80
6) bis(2-Chloroethyl)ether	7.019	93	2028	0.331	ng	96
9) Naphthalene	10.415	128	5151	0.315	ng	99
10) Hexachlorobutadiene	10.703	225	918	0.258	ng	# 100
12) 2-Methylnaphthalene	12.036	142	3206	0.306	ng	98
16) Acenaphthylene	13.956	152	5430	0.370	ng	100
17) Acenaphthene	14.299	154	3253	0.342	ng	99
18) Fluorene	15.293	166	4617	0.369	ng	98
20) 4,6-Dinitro-2-methylph...	15.378	198	513	0.599	ng	# 58
21) 4-Bromophenyl-phenylether	16.189	248	1414	0.400	ng	# 83
22) Hexachlorobenzene	16.301	284	1382	0.363	ng	99
23) Atrazine	16.462	200	1269	0.435	ng	# 91
24) Pentachlorophenol	16.636	266	1565	0.901	ng	98
25) Phenanthrene	17.021	178	7297	0.418	ng	99
26) Anthracene	17.120	178	6246	0.392	ng	98
28) Fluoranthene	19.054	202	7085	0.367	ng	# 97
30) Pyrene	19.416	202	7143	0.424	ng	99
32) Benzo(a)anthracene	21.171	228	5416	0.434	ng	99
33) Chrysene	21.224	228	5649	0.407	ng	100
34) Bis(2-ethylhexyl)phtha...	21.117	149	3531	0.448	ng	99
36) Indeno(1,2,3-cd)pyrene	25.576	276	5130	0.406	ng	99
37) Benzo(b)fluoranthene	22.725	252	4923m	0.384	ng	
38) Benzo(k)fluoranthene	22.766	252	4787	0.366	ng	94
39) Benzo(a)pyrene	23.284	252	4119	0.383	ng	93
40) Dibenzo(a,h)anthracene	25.590	278	4003	0.411	ng	100
41) Benzo(g,h,i)perylene	26.245	276	4218	0.377	ng	99

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

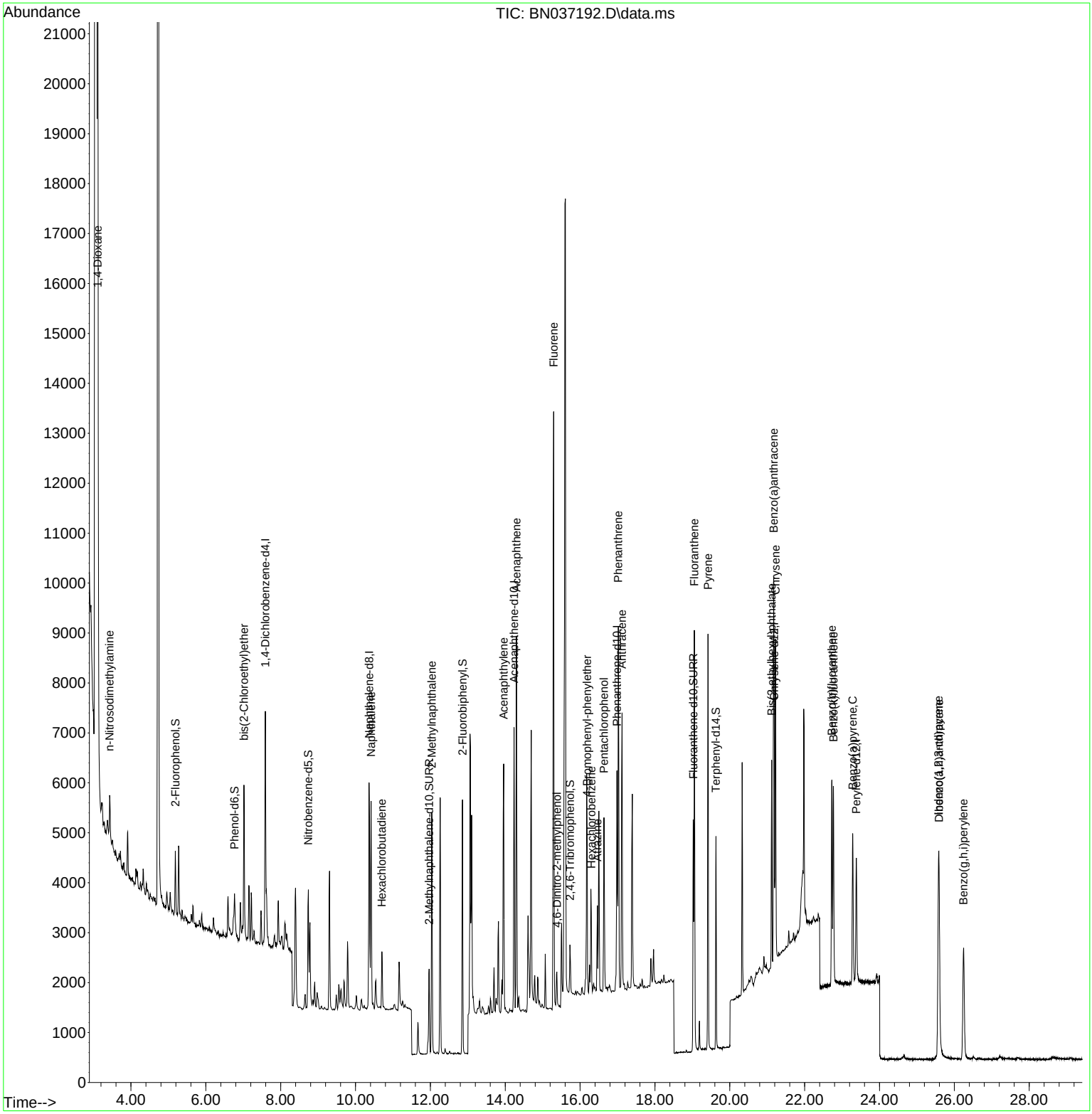
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037192.D
Acq On : 09 Jun 2025 14:33
Operator : RC/JU
Sample : Q2250-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 09 15:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MS

Manual Integrations APPROVED

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037193.D
Acq On : 09 Jun 2025 15:47
Operator : RC/JU
Sample : Q2250-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 09 16:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.590	152	2169	0.400	ng		0.00
7) Naphthalene-d8	10.362	136	5646	0.400	ng		#-0.01
13) Acenaphthene-d10	14.235	164	2926	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	5139	0.400	ng		0.00
29) Chrysene-d12	21.180	240	3419	0.400	ng		# 0.00
35) Perylene-d12	23.374	264	3336	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.185	112	842	0.157	ng		0.00
5) Phenol-d6	6.773	99	692	0.106	ng		0.00
8) Nitrobenzene-d5	8.739	82	1894	0.318	ng		0.00
11) 2-Methylnaphthalene-d10	11.966	152	2373m	0.302	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	451	0.383	ng		-0.01
15) 2-Fluorobiphenyl	12.858	172	4311	0.346	ng		0.00
27) Fluoranthene-d10	19.022	212	4775	0.366	ng		0.00
31) Terphenyl-d14	19.630	244	3637	0.452	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.112	88	9354	3.235	ng		95
3) n-Nitrosodimethylamine	3.430	42	740	0.127	ng	#	83
6) bis(2-Chloroethyl)ether	7.019	93	2082	0.336	ng		97
9) Naphthalene	10.415	128	5110	0.314	ng		98
10) Hexachlorobutadiene	10.703	225	906	0.255	ng	#	98
12) 2-Methylnaphthalene	12.037	142	3210	0.307	ng		98
16) Acenaphthylene	13.957	152	5333	0.372	ng		100
17) Acenaphthene	14.299	154	3131	0.336	ng		99
18) Fluorene	15.293	166	4472	0.365	ng		98
20) 4,6-Dinitro-2-methylph...	15.379	198	471	0.587	ng	#	63
21) 4-Bromophenyl-phenylether	16.190	248	1330	0.395	ng	#	79
22) Hexachlorobenzene	16.301	284	1342	0.369	ng		98
23) Atrazine	16.463	200	1184	0.426	ng	#	93
24) Pentachlorophenol	16.636	266	1464	0.888	ng		98
25) Phenanthrene	17.021	178	6930	0.416	ng		99
26) Anthracene	17.120	178	5874	0.387	ng		98
28) Fluoranthene	19.054	202	6813	0.370	ng	#	97
30) Pyrene	19.417	202	6824	0.409	ng		100
32) Benzo(a)anthracene	21.171	228	5337	0.431	ng		100
33) Chrysene	21.216	228	5681	0.412	ng		98
34) Bis(2-ethylhexyl)phtha...	21.108	149	3448	0.442	ng		100
36) Indeno(1,2,3-cd)pyrene	25.573	276	5422	0.409	ng		99
37) Benzo(b)fluoranthene	22.720	252	5075m	0.377	ng		
38) Benzo(k)fluoranthene	22.761	252	5262	0.383	ng		95
39) Benzo(a)pyrene	23.281	252	4286	0.380	ng	#	88
40) Dibenzo(a,h)anthracene	25.585	278	4235	0.414	ng		99
41) Benzo(g,h,i)perylene	26.240	276	4499	0.383	ng		97

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

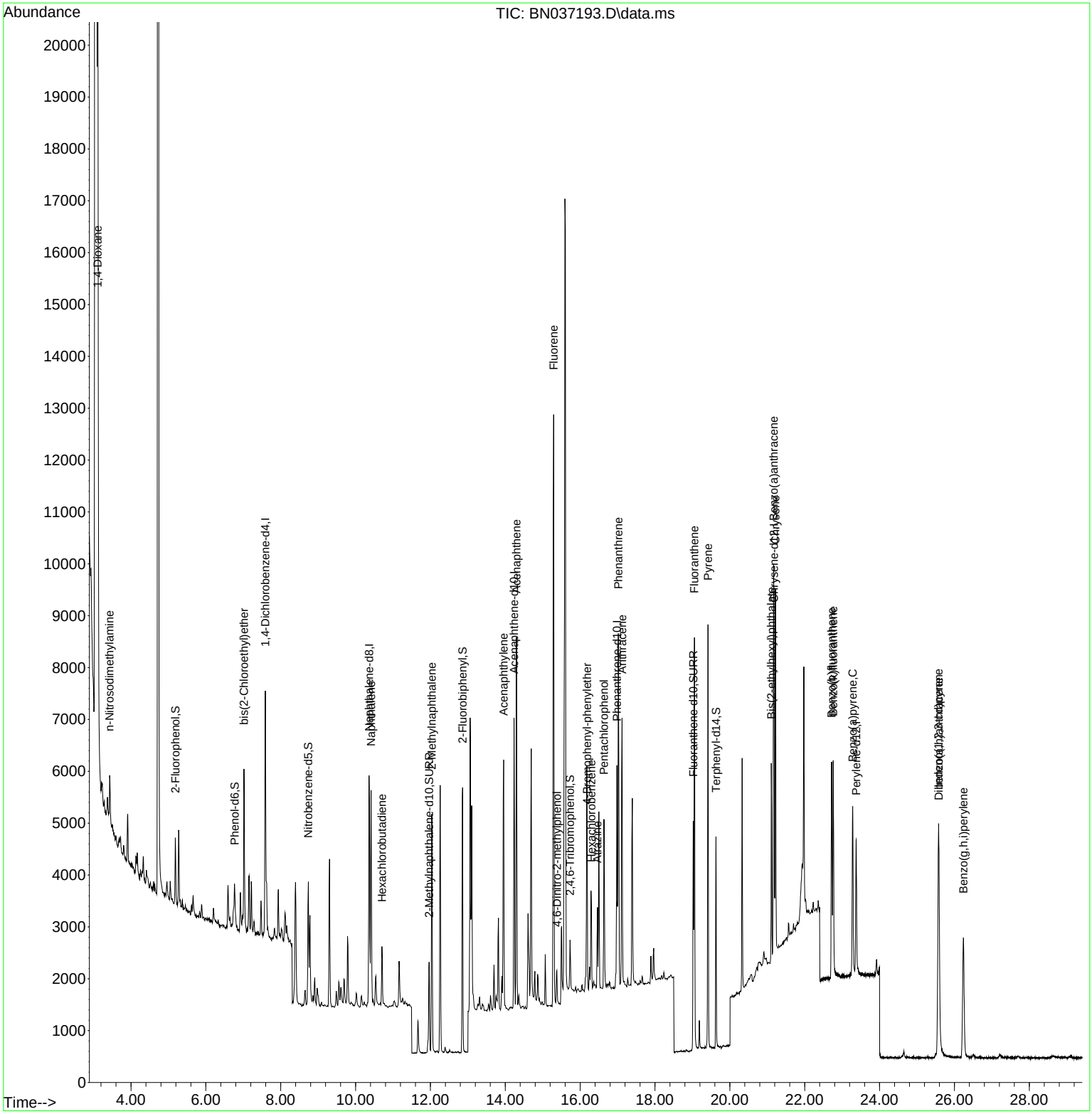
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037193.D
Acq On : 09 Jun 2025 15:47
Operator : RC/JU
Sample : Q2250-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 09 16:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD

Manual Integrations APPROVED

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



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

Manual Integration Report

Sequence:	BN060325	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	BN060925	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2250-02MS	BN037192.D	2-Methylnaphthalene-d10	Rahul	6/10/2025 11:44:39 AM	Jagrut	6/10/2025 1:37:49 PM	Peak Integrated by Software
Q2250-02MS	BN037192.D	Benzo(b)fluoranthene	Rahul	6/10/2025 11:44:39 AM	Jagrut	6/10/2025 1:37:49 PM	Peak Integrated by Software
Q2250-03MSD	BN037193.D	2-Methylnaphthalene-d10	Rahul	6/10/2025 11:44:42 AM	Jagrut	6/10/2025 1:37:52 PM	Peak Integrated by Software
Q2250-03MSD	BN037193.D	Benzo(b)fluoranthene	Rahul	6/10/2025 11:44:42 AM	Jagrut	6/10/2025 1:37:52 PM	Peak Integrated by Software

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 # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM		
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

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	BN037142.D	03 Jun 2025 10:21	RC/JU	Ok
2	SSTDICC0.1	BN037143.D	03 Jun 2025 11:39	RC/JU	Ok
3	SSTDICC0.2	BN037144.D	03 Jun 2025 12:15	RC/JU	Ok
4	SSTDICCC0.4	BN037145.D	03 Jun 2025 12:51	RC/JU	Ok
5	SSTDICC0.8	BN037146.D	03 Jun 2025 13:26	RC/JU	Ok
6	SSTDICC1.6	BN037147.D	03 Jun 2025 14:02	RC/JU	Ok
7	SSTDICC3.2	BN037148.D	03 Jun 2025 14:38	RC/JU	Ok
8	SSTDICC5.0	BN037149.D	03 Jun 2025 15:14	RC/JU	Ok
9	SSTDICV0.4	BN037150.D	03 Jun 2025 15:53	RC/JU	Ok
10	PB168238BL	BN037151.D	03 Jun 2025 17:05	RC/JU	Not Ok
11	Q2181-01	BN037152.D	03 Jun 2025 17:41	RC/JU	Dilution
12	Q2181-01DL	BN037153.D	03 Jun 2025 18:18	RC/JU	Ok
13	SSTDCCC0.4	BN037154.D	03 Jun 2025 18:54	RC/JU	Ok
14	DFTPP	BN037155.D	03 Jun 2025 20:10	RC/JU	Ok
15	SSTDCCC0.4	BN037156.D	03 Jun 2025 20:49	RC/JU	Ok
16	PB168238BL	BN037157.D	03 Jun 2025 21:25	RC/JU	Not Ok
17	Q2162-03	BN037158.D	03 Jun 2025 22:01	RC/JU	Ok
18	Q2162-07	BN037159.D	03 Jun 2025 22:37	RC/JU	Ok
19	Q2162-09	BN037160.D	03 Jun 2025 23:13	RC/JU	Ok
20	Q2162-10	BN037161.D	03 Jun 2025 23:49	RC/JU	Ok
21	PB168238BS	BN037162.D	04 Jun 2025 00:25	RC/JU	Not Ok

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 # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM		
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

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	

22	PB168238BSD	BN037163.D	04 Jun 2025 01:01	RC/JU	Not Ok
23	SSTDCCC0.4	BN037164.D	04 Jun 2025 02:13	RC/JU	Ok

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 # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM		
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM		
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

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	BN037188.D	09 Jun 2025 10:15	RC/JU	Ok
2	SSTDCCC0.4	BN037189.D	09 Jun 2025 10:54	RC/JU	Ok
3	PB168336BL	BN037190.D	09 Jun 2025 11:30	RC/JU	Ok
4	Q2250-01	BN037191.D	09 Jun 2025 12:06	RC/JU	Ok
5	Q2250-02MS	BN037192.D	09 Jun 2025 14:33	RC/JU	Ok,M
6	Q2250-03MSD	BN037193.D	09 Jun 2025 15:47	RC/JU	Ok,M
7	Q2251-03	BN037194.D	09 Jun 2025 16:26	RC/JU	Ok
8	Q2251-05	BN037195.D	09 Jun 2025 17:02	RC/JU	Ok
9	Q2251-06	BN037196.D	09 Jun 2025 17:39	RC/JU	Ok
10	Q2253-01	BN037197.D	09 Jun 2025 18:15	RC/JU	Ok
11	Q2253-02	BN037198.D	09 Jun 2025 18:51	RC/JU	Ok
12	Q2250-05	BN037199.D	09 Jun 2025 19:27	RC/JU	Ok
13	Q2254-01	BN037200.D	09 Jun 2025 20:04	RC/JU	Ok
14	PB168336BS	BN037201.D	09 Jun 2025 20:40	RC/JU	Ok
15	SSTDCCC0.4	BN037202.D	09 Jun 2025 21:16	RC/JU	Ok
16	DFTPP	BN037203.D	09 Jun 2025 22:32	RC/JU	Ok
17	SSTDCCC0.4	BN037204.D	09 Jun 2025 23:11	RC/JU	Ok
18	PB168336BL	BN037205.D	09 Jun 2025 23:48	RC/JU	Not Ok
19	Q2234-01	BN037206.D	10 Jun 2025 00:24	RC/JU	Ok
20	Q2234-05	BN037207.D	10 Jun 2025 01:00	RC/JU	Ok
21	Q2234-06	BN037208.D	10 Jun 2025 01:36	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM				
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM				
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325		

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	

22	Q2234-07	BN037209.D	10 Jun 2025 02:12	RC/JU	Dilution
23	Q2250-04	BN037210.D	10 Jun 2025 02:49	RC/JU	Ok
24	Q2209-01	BN037211.D	10 Jun 2025 03:25	RC/JU	Ok
25	Q2210-01	BN037212.D	10 Jun 2025 04:01	RC/JU	Ok
26	Q2234-07DL	BN037213.D	10 Jun 2025 09:49	RC/JU	Ok
27	SSTDCCC0.4	BN037214.D	10 Jun 2025 10:25	RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM	
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM	
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

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	BN037142.D	03 Jun 2025 10:21		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN037143.D	03 Jun 2025 11:39	Compound #20,24 removed from 0.1 PPM	RC/JU	Ok
3	SSTDICC0.2	SSTDICC0.2	BN037144.D	03 Jun 2025 12:15		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN037145.D	03 Jun 2025 12:51	Compound #20,24 kept on LR.	RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN037146.D	03 Jun 2025 13:26		RC/JU	Ok
6	SSTDICC1.6	SSTDICC1.6	BN037147.D	03 Jun 2025 14:02		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN037148.D	03 Jun 2025 14:38	Method is good for DOD and NONDOD.	RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN037149.D	03 Jun 2025 15:14		RC/JU	Ok
9	SSTDICV0.4	ICVBN060325	BN037150.D	03 Jun 2025 15:53		RC/JU	Ok
10	PB168238BL	PB168238BL	BN037151.D	03 Jun 2025 17:05	Not Used	RC/JU	Not Ok
11	Q2181-01	38072-062624	BN037152.D	03 Jun 2025 17:41	Need 50X Dilution	RC/JU	Dilution
12	Q2181-01DL	38072-062624DL	BN037153.D	03 Jun 2025 18:18		RC/JU	Ok
13	SSTDCCC0.4	SSTDCCC0.4EC	BN037154.D	03 Jun 2025 18:54		RC/JU	Ok
14	DFTPP	DFTPP	BN037155.D	03 Jun 2025 20:10		RC/JU	Ok
15	SSTDCCC0.4	SSTDCCC0.4	BN037156.D	03 Jun 2025 20:49		RC/JU	Ok
16	PB168238BL	PB168238BL	BN037157.D	03 Jun 2025 21:25	Not Used	RC/JU	Not Ok
17	Q2162-03	BP-VPB-182-GW-580-5	BN037158.D	03 Jun 2025 22:01		RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM	
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM	
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

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	

18	Q2162-07	BP-VPB-182-GW-620-6	BN037159.D	03 Jun 2025 22:37		RC/JU	Ok
19	Q2162-09	BP-VPB-182-DUP-2025	BN037160.D	03 Jun 2025 23:13		RC/JU	Ok
20	Q2162-10	BP-VPB-182-EB-20250	BN037161.D	03 Jun 2025 23:49		RC/JU	Ok
21	PB168238BS	PB168238BS	BN037162.D	04 Jun 2025 00:25	Recovery Fail for 1,4 Dioxane from low side	RC/JU	Not Ok
22	PB168238BSD	PB168238BSD	BN037163.D	04 Jun 2025 01:01	Recovery Fail for 1,4 Dioxane from low side	RC/JU	Not Ok
23	SSTDCCC0.4	SSTDCCC0.4EC	BN037164.D	04 Jun 2025 02:13		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM	
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM	
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

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	BN037188.D	09 Jun 2025 10:15		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037189.D	09 Jun 2025 10:54		RC/JU	Ok
3	PB168336BL	PB168336BL	BN037190.D	09 Jun 2025 11:30		RC/JU	Ok
4	Q2250-01	MW-11A-13.5-060525	BN037191.D	09 Jun 2025 12:06		RC/JU	Ok
5	Q2250-02MS	MW-11A-13.5-060525M	BN037192.D	09 Jun 2025 14:33		RC/JU	Ok,M
6	Q2250-03MSD	MW-11A-13.5-060525M	BN037193.D	09 Jun 2025 15:47		RC/JU	Ok,M
7	Q2251-03	BP-VPB-182-GW-760-7	BN037194.D	09 Jun 2025 16:26		RC/JU	Ok
8	Q2251-05	BP-VPB-182-EB-20250	BN037195.D	09 Jun 2025 17:02		RC/JU	Ok
9	Q2251-06	VPB182-HYD-2025060	BN037196.D	09 Jun 2025 17:39		RC/JU	Ok
10	Q2253-01	RW8-SP100-20250605	BN037197.D	09 Jun 2025 18:15		RC/JU	Ok
11	Q2253-02	RW8-SP303-20250605	BN037198.D	09 Jun 2025 18:51		RC/JU	Ok
12	Q2250-05	EB02-060525	BN037199.D	09 Jun 2025 19:27		RC/JU	Ok
13	Q2254-01	BP-VPB-182-GW-810-8	BN037200.D	09 Jun 2025 20:04		RC/JU	Ok
14	PB168336BS	PB168336BS	BN037201.D	09 Jun 2025 20:40		RC/JU	Ok
15	SSTDCCC0.4	SSTDCCC0.4EC	BN037202.D	09 Jun 2025 21:16		RC/JU	Ok
16	DFTPP	DFTPP	BN037203.D	09 Jun 2025 22:32		RC/JU	Ok
17	SSTDCCC0.4	SSTDCCC0.4	BN037204.D	09 Jun 2025 23:11		RC/JU	Ok

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Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM	
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM	
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

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	

18	PB168336BL	PB168336BL	BN037205.D	09 Jun 2025 23:48	analyzed to check contamination.	RC/JU	Not Ok
19	Q2234-01	MW-17B-55-060425	BN037206.D	10 Jun 2025 00:24		RC/JU	Ok
20	Q2234-05	MW-18B-56-060425	BN037207.D	10 Jun 2025 01:00		RC/JU	Ok
21	Q2234-06	MW-18B-56-060425-FD	BN037208.D	10 Jun 2025 01:36		RC/JU	Ok
22	Q2234-07	MW-19B-72-060425	BN037209.D	10 Jun 2025 02:12	Need 2X dilutiion	RC/JU	Dilution
23	Q2250-04	MW-06-6.5-060525	BN037210.D	10 Jun 2025 02:49		RC/JU	Ok
24	Q2209-01	P01W	BN037211.D	10 Jun 2025 03:25		RC/JU	Ok
25	Q2210-01	TW1	BN037212.D	10 Jun 2025 04:01		RC/JU	Ok
26	Q2234-07DL	MW-19B-72-060425DL	BN037213.D	10 Jun 2025 09:49		RC/JU	Ok
27	SSTDCCC0.4	SSTDCCC0.4EC	BN037214.D	10 Jun 2025 10:25		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168336

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/06/2025
Matrix :	Water			**Extraction Start Time :**	11:54
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	06/06/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	17:10
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	SP6758
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	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (EXT-Lab)	JY/SVOC
17:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168336

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

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168336BL	SBLK336	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-1
PB168336BS	SLCS336	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			2
Q2209-01	P01W	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	C		3
Q2210-01	TW1	SVOCMS Group2	1000	6	RUPESH	ritesh	1	E		4
Q2234-01	MW-17B-55-060425	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	H		5
Q2234-05	MW-18B-56-060425	SVOC-SIMGroup1	970	11	RUPESH	ritesh	1	E		6
Q2234-06	MW-18B-56-060425-FD	SVOC-SIMGroup1	1000	11	RUPESH	ritesh	1	E		7
Q2234-07	MW-19B-72-060425	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	E		8
Q2250-01	MW-11A-13.5-060525	SVOC-SIMGroup1	930	6	RUPESH	ritesh	1	E		9
Q2250-02	Q2250-01MS	SVOC-SIMGroup1	960	6	RUPESH	ritesh	1	E		10
Q2250-03	Q2250-01MSD	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	E		11
Q2250-04	MW-06-6.5-060525	SVOC-SIMGroup1	970	6	RUPESH	ritesh	1	A		12
Q2250-05	EB02-060525	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	J		13
Q2251-03	BP-VPB-182-GW-760-762	SVOC-SIMGroup1	850	6	RUPESH	ritesh	1	C		14
Q2251-05	BP-VPB-182-EB-20250604	SVOC-SIMGroup1	870	6	RUPESH	ritesh	1	C		15
Q2251-06	VPB182-HYD-20250605	SVOC-SIMGroup1	890	6	RUPESH	ritesh	1	C		16
Q2253-01	RW8-SP100-20250605	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	B		SEP-1
Q2253-02	~~RW8-SP303-20250605~~ RW8-SP303-20250605	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	D		2
Q2254-01	BP-VPB-182-GW-810-812	SVOC-SIMGroup1	890	6	RUPESH	ritesh	1			3

RS 6/6

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

168236 11:54

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2250 **WorkList ID :** 190013 **Department :** Extraction **Date :** 06-06-2025 11:47:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2209-01	P01W	Water	SVOC-SIMGroup1	Cool 4 deg C	GENV01	N31	06/04/2025	8270-Modified
Q2210-01	TW1	Water	SVOCMS Group2	Cool 4 deg C	GENV01	L31	06/03/2025	8270-Modified
Q2234-01	MW-17B-55-060425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2234-05	MW-18B-56-060425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2234-06	MW-18B-56-060425-FD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2234-07	MW-19B-72-060425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2250-01	MW-11A-13.5-060525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-02	Q2250-01MS	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-03	Q2250-01MSD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-04	MW-06-6.5-060525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-05	EB02-060525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2251-03	BP-VPB-182-GW-760-762	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	06/03/2025	8270-Modified
Q2251-05	BP-VPB-182-EB-20250604	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	06/04/2025	8270-Modified
Q2251-06	VPB182-HYD-20250605	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	06/05/2025	8270-Modified
Q2253-01	RW8-SP100-20250605	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D21	06/05/2025	8270-Modified
Q2253-02	~~RW8-SO303-20250605~~ RW8-SP303-20250605	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D21	06/05/2025	8270-Modified
Q2254-01	BP-VPB-182-GW-810-812	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D21	06/05/2025	8270-Modified

6/12

Date/Time 6/6/25 11:47
Raw Sample Received by: RS (BCA-Lab)
Raw Sample Relinquished by: JD (CSM)

Date/Time 6/6/25 12:45
Raw Sample Received by: JD (CSM)
Raw Sample Relinquished by: RS (BCA-Lab)

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LAB CHRONICLE

OrderID:	Q2210	**OrderDate:**	6/4/2025 1:53:00 PM
Client:	G Environmental	**Project:**	Stockton
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2210-01	**TW1**	**Water**			**06/03/25**			**06/04/25**
			SVOCMS Group1	8270E		06/06/25	06/09/25	
			SVOCMS Group2	8270-Modified		06/06/25	06/10/25	