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Cover Page

Order ID : Q2235

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number	Client Sample Number
Q2235-01	WC-A2-08-G
Q2235-02	WC-A2-08-C
Q2235-03	WC-A2-08-C
Q2235-04	WC-A2-08-C

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 6/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2235**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **SOHIL JODHANI** **Date:** **06/13/2025**

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LAB CHRONICLE

OrderID:	Q2235	**OrderDate:**	6/5/2025 10:59:00 AM
Client:	ENTACT	**Project:**	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	**Location:**	N41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2235-03	**WC-A2-08-C**	**TCLP**			**06/04/25**			**06/04/25**
			TCLP BNA	8270E		06/09/25	06/09/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2235

Client: ENTACT

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2235

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168311TB	PB168311TB	2-Fluorophenol	150	141	94		15 (23)	110 (138)
		Phenol-d6	150	132	88		15 (10)	110 (134)
		Nitrobenzene-d5	100	86.1	86		30 (67)	130 (132)
		2-Fluorobiphenyl	100	83.7	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	142	94		15 (44)	110 (137)
		Terphenyl-d14	100	81.7	82		30 (42)	130 (152)
PB168352BL	PB168352BL	2-Fluorophenol	150	151	101		15 (23)	110 (138)
		Phenol-d6	150	142	94		15 (10)	110 (134)
		Nitrobenzene-d5	100	92.5	92		30 (67)	130 (132)
		2-Fluorobiphenyl	100	91.6	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	156	104		15 (44)	110 (137)
		Terphenyl-d14	100	88.3	88		30 (42)	130 (152)
PB168352BS	PB168352BS	2-Fluorophenol	150	146	97		15 (23)	110 (138)
		Phenol-d6	150	140	93		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.6	89		30 (67)	130 (132)
		2-Fluorobiphenyl	100	86.1	86		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	153	102		15 (44)	110 (137)
		Terphenyl-d14	100	86.8	87		30 (42)	130 (152)
Q2226-04MS	TP06-MHI-WCMS	2-Fluorophenol	150	125	83		15 (23)	110 (138)
		Phenol-d6	150	111	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	83.6	84		30 (67)	130 (132)
		2-Fluorobiphenyl	100	80.0	80		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	133	88		15 (44)	110 (137)
		Terphenyl-d14	100	83.3	83		30 (42)	130 (152)
Q2226-04MSD	TP06-MHI-WCMSD	2-Fluorophenol	150	132	88		15 (23)	110 (138)
		Phenol-d6	150	118	79		15 (10)	110 (134)
		Nitrobenzene-d5	100	90.0	90		30 (67)	130 (132)
		2-Fluorobiphenyl	100	86.3	86		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	143	95		15 (44)	110 (137)
		Terphenyl-d14	100	90.5	91		30 (42)	130 (152)
Q2235-03	WC-A2-08-C	2-Fluorophenol	150	131	87		15 (23)	110 (138)
		Phenol-d6	150	113	76		15 (10)	110 (134)
		Nitrobenzene-d5	100	88.8	89		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.4	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	150	100		15 (44)	110 (137)
		Terphenyl-d14	100	86.4	86		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2235

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2226-04MS		**Client Sample ID: TP06-MHI-WCMS**						**DataFile: BM050250.D**			
Pyridine	500	0	360	ug/L	72				20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	400	ug/L	80				70 (55)	130 (125)	
2-Methylphenol	500	0	430	ug/L	86				70 (60)	130 (131)	
3+4-Methylphenols	500	0	430	ug/L	86				20 (54)	160 (136)	
Hexachloroethane	500	0	420	ug/L	84				20 (19)	160 (146)	
Nitrobenzene	500	0	470	ug/L	94				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	430	ug/L	86				70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	480	ug/L	96				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	480	ug/L	96				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	520	ug/L	104				70 (74)	130 (137)	
Hexachlorobenzene	500	0	490	ug/L	98				70 (72)	130 (115)	
Pentachlorophenol	1000	0	990	ug/L	99				20 (52)	160 (162)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2235

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2226-04MSD		**Client Sample ID:** TP06-MHI-WCMSD						**DataFile:** BM050251.D			
Pyridine	500	0	380	ug/L	76		5		20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	440	ug/L	88		10		70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	460	ug/L	92		7		70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	0	460	ug/L	92		7		20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	450	ug/L	90		7		20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	500	ug/L	100		6		70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	490	ug/L	98		13		70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	530	ug/L	106		10		70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	530	ug/L	106		10		70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	550	ug/L	110		6		70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	530	ug/L	106		8		70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	1100	ug/L	110		11		20 (52)	160 (162)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2235

Client: ENTACT

Analytical Method: 8270E **DataFile:** BM050264.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168352BS	Pyridine	50	43.6	ug/L	87				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	46.9	ug/L	94				70 (76)	130 (103)	
	2-Methylphenol	50	49.2	ug/L	98				70 (69)	130 (109)	
	3+4-Methylphenols	50	49.6	ug/L	99				20 (67)	160 (106)	
	Hexachloroethane	50	49.5	ug/L	99				20 (76)	160 (118)	
	Nitrobenzene	50	51.3	ug/L	103				70 (58)	130 (106)	
	Hexachlorobutadiene	50	48.2	ug/L	96				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	52.5	ug/L	105				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	52.9	ug/L	106				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	58.9	ug/L	118				70 (60)	130 (115)	
	Hexachlorobenzene	50	52.0	ug/L	104				70 (73)	130 (106)	
	Pentachlorophenol	100	110	ug/L	110				20 (47)	160 (114)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168352BL

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2235 SAS No.: Q2235 SDG NO.: Q2235

Lab File ID: BM050263.D Lab Sample ID: PB168352BL

Instrument ID: BNA_M Date Extracted: 06/09/2025

Matrix: (soil/water) water Date Analyzed: 06/10/2025

Level: (low/med) LOW Time Analyzed: 05:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP06-MHI-WCMS	Q2226-04MS	BM050250.D	06/09/2025
TP06-MHI-WCMSD	Q2226-04MSD	BM050251.D	06/09/2025
WC-A2-08-C	Q2235-03	BM050252.D	06/09/2025
PB168352BS	PB168352BS	BM050264.D	06/10/2025
PB168311TB	PB168311TB	BM050246.D	06/09/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q2235 SDG NO.: Q2235

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

Instrument ID: BNA_M DFTPP Injection Time: 08:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.3
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.4
443	15.0 - 24.0% of mass 442	14.8 (19.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050194.D	06/05/2025	09:20
SSTDICC005	SSTDICC005	BM050195.D	06/05/2025	09:59
SSTDICC010	SSTDICC010	BM050196.D	06/05/2025	10:38
SSTDICC020	SSTDICC020	BM050197.D	06/05/2025	11:17
SSTDICCC040	SSTDICCC040	BM050198.D	06/05/2025	11:57
SSTDICC050	SSTDICC050	BM050199.D	06/05/2025	12:36
SSTDICC060	SSTDICC060	BM050200.D	06/05/2025	13:16
SSTDICC080	SSTDICC080	BM050201.D	06/05/2025	13:56

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q2235 SDG NO.: Q2235

Lab File ID: BM050244.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_M DFTPP Injection Time: 16:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.2
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	46.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.3
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	82.6
443	15.0 - 24.0% of mass 442	15.8 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050245.D	06/09/2025	17:03
PB168311TB	PB168311TB	BM050246.D	06/09/2025	17:43
TP06-MHI-WCMS	Q2226-04MS	BM050250.D	06/09/2025	20:19
TP06-MHI-WCMSD	Q2226-04MSD	BM050251.D	06/09/2025	20:58
WC-A2-08-C	Q2235-03	BM050252.D	06/09/2025	21:38

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q2235 SDG NO.: Q2235

Lab File ID: BM050261.D DFTPP Injection Date: 06/10/2025

Instrument ID: BNA_M DFTPP Injection Time: 04:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	45.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	52.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	70.3
443	15.0 - 24.0% of mass 442	14.2 (20.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050262.D	06/10/2025	04:48
PB168352BL	PB168352BL	BM050263.D	06/10/2025	05:28
PB168352BS	PB168352BS	BM050264.D	06/10/2025	06:07

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2235 SAS No.: Q2235 SDG NO.: Q2235

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

Lab File ID: BM050245.D Time Analyzed: 17:03

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	360068	7.769	1478210	10.56	892439	14.40
	UPPER LIMIT	720136	8.269	2956420	11.057	1784880	14.898
	LOWER LIMIT	180034	7.269	739105	10.057	446220	13.898
	EPA SAMPLE NO.						
01	TP06-MHI-WCMS	392950	7.77	1521760	10.56	827375	14.40
02	TP06-MHI-WCMSD	395507	7.77	1511860	10.56	835521	14.40
03	WC-A2-08-C	352597	7.77	1338870	10.56	764097	14.40
04	PB168311TB	348706	7.77	1311820	10.55	755301	14.40

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2235 SAS No.: Q2235 SDG NO.: Q2235

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

Lab File ID: BM050245.D Time Analyzed: 17:03

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1715620	17.139	1793890	21.374	1989460	24.35
	UPPER LIMIT	3431240	17.639	3587780	21.874	3978920	24.85
	LOWER LIMIT	857810	16.639	896945	20.874	994730	23.85
	EPA SAMPLE NO.						
01	TP06-MHI-WCMS	1462390	17.14	1332940	21.37	1379950	24.35
02	TP06-MHI-WCMSD	1452450	17.14	1291560	21.37	1337170	24.34
03	WC-A2-08-C	1438550	17.13	1432140	21.36	1513340	24.34
04	PB168311TB	1467650	17.13	1523440	21.37	1647710	24.34

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2235 SAS No.: Q2235 SDG NO.: Q2235

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/10/2025

Lab File ID: BM050262.D Time Analyzed: 04:48

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	460715	7.763	1877130	10.55	1070950	14.40
	UPPER LIMIT	921430	8.263	3754260	11.051	2141900	14.898
	LOWER LIMIT	230358	7.263	938565	10.051	535475	13.898
	EPA SAMPLE NO.						
01	PB168352BL	334540	7.76	1240840	10.55	698531	14.39
02	PB168352BS	333914	7.76	1311550	10.55	754658	14.40

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

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2235 SAS No.: Q2235 SDG NO.: Q2235

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/10/2025

Lab File ID: BM050262.D Time Analyzed: 04:48

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1957350	17.133	1968380	21.368	2090330	24.338
	UPPER LIMIT	3914700	17.633	3936760	21.868	4180660	24.838
	LOWER LIMIT	978675	16.633	984190	20.868	1045170	23.838
	EPA SAMPLE NO.						
01	PB168352BL	1381510	17.13	1501560	21.36	1574970	24.34
02	PB168352BS	1423730	17.13	1520710	21.37	1658220	24.34

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

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

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

SAMPLE DATA

Raw Data: **BM050252.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	06/04/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	WC-A2-08-C	SDG No.:	Q2235
Lab Sample ID:	Q2235-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050252.D	1	06/09/25 10:45	06/09/25 21:38	PB168352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	131		15 (23) - 110 (138)	87%	SPK: 150
13127-88-3	Phenol-d6	113		15 (10) - 110 (134)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.8		30 (67) - 130 (132)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.4		30 (52) - 130 (132)	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		15 (44) - 110 (137)	100%	SPK: 150
1718-51-0	Terphenyl-d14	86.4		30 (42) - 130 (152)	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	353000	7.769			
1146-65-2	Naphthalene-d8	1340000	10.557			
15067-26-2	Acenaphthene-d10	764000	14.398			
1517-22-2	Phenanthrene-d10	1440000	17.133			
1719-03-5	Chrysene-d12	1430000	21.362			
1520-96-3	Perylene-d12	1510000	24.338			

Raw Data: **BM050252.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	06/04/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	WC-A2-08-C	SDG No.:	Q2235
Lab Sample ID:	Q2235-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050252.D	1	06/09/25 10:45	06/09/25 21:38	PB168352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BM050252.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050252.D
Acq On : 09 Jun 2025 21:38
Operator : RC/JU
Sample : Q2235-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Quant Time: Jun 10 01:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

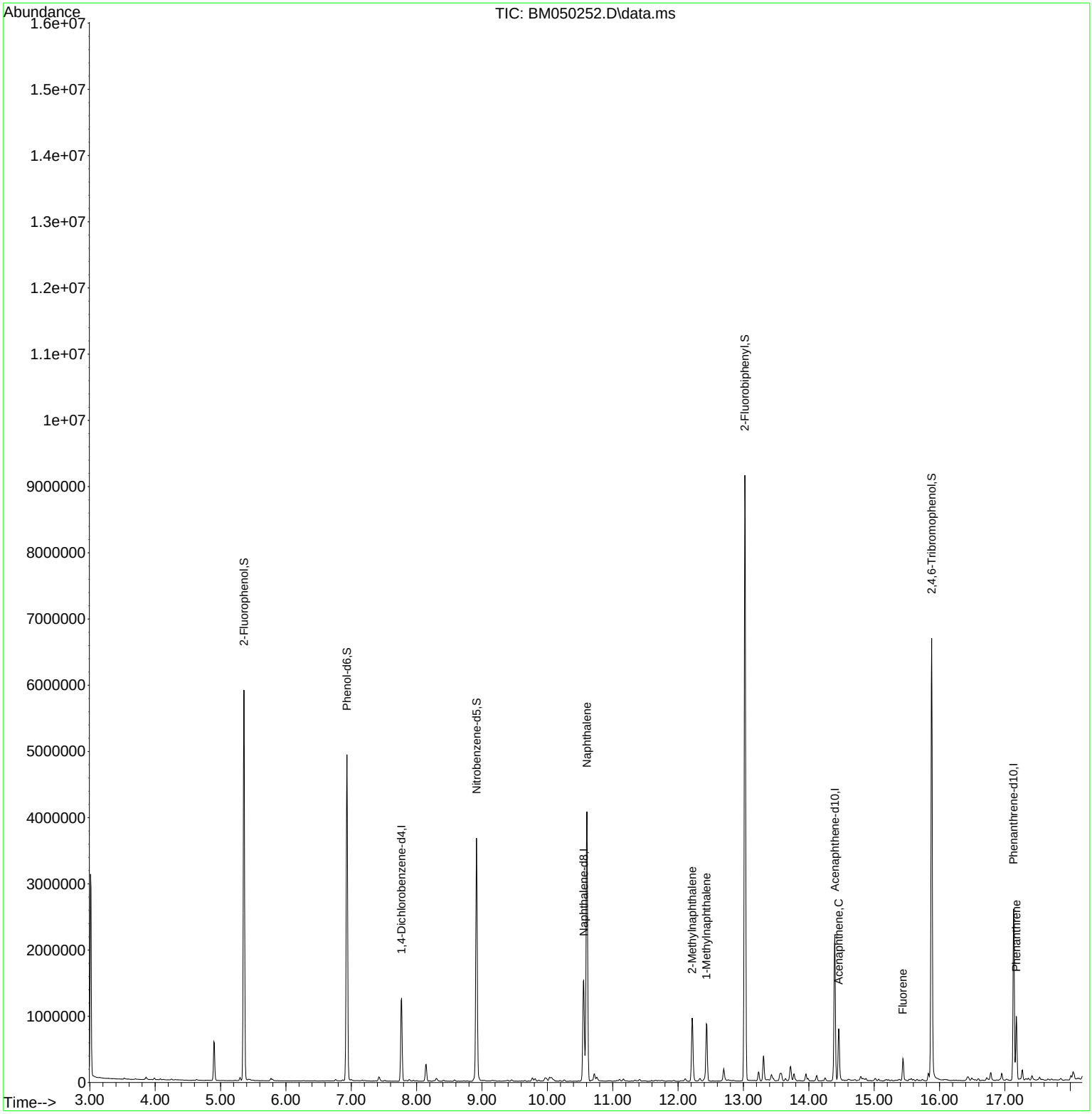
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	352597	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	1338865	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	764097	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1438553	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1432142	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1513341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2773714	131.225	ng	0.00
7) Phenol-d6	6.934	99	3153933	113.349	ng	0.00
23) Nitrobenzene-d5	8.916	82	2285445	88.778	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1299976	149.576	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4820769	85.416	ng	0.00
79) Terphenyl-d14	19.768	244	6533250	86.449	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.604	128	3443997	49.753	ng	99
37) 2-Methylnaphthalene	12.216	142	446244	10.686	ng	98
38) 1-Methylnaphthalene	12.433	142	415414	9.372	ng	99
52) Acenaphthene	14.457	154	283227	6.294	ng	98
58) Fluorene	15.439	166	143536	2.847	ng	97
71) Phenanthrene	17.174	178	552337	6.721	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050252.D
Acq On : 09 Jun 2025 21:38
Operator : RC/JU
Sample : Q2235-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

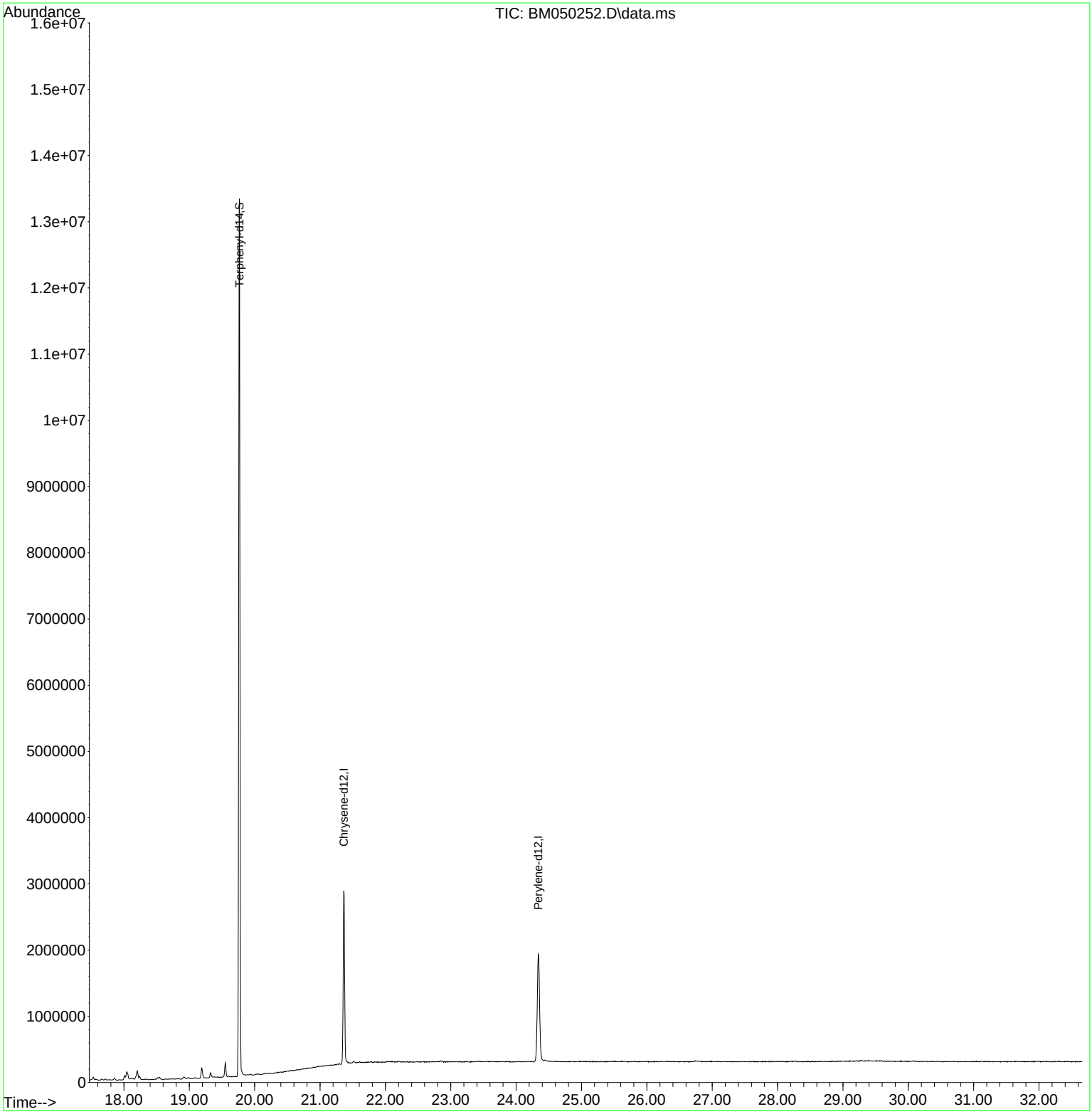
Quant Time: Jun 10 01:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

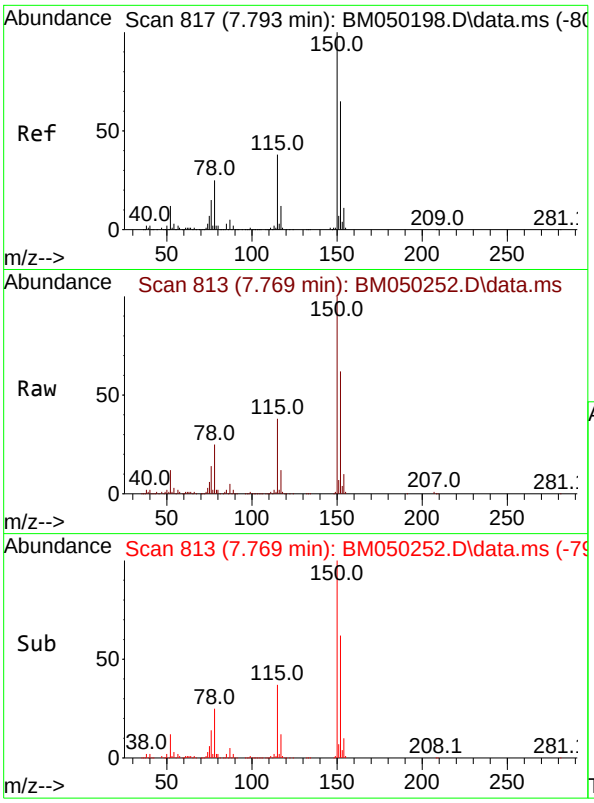


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050252.D
Acq On : 09 Jun 2025 21:38
Operator : RC/JU
Sample : Q2235-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Quant Time: Jun 10 01:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



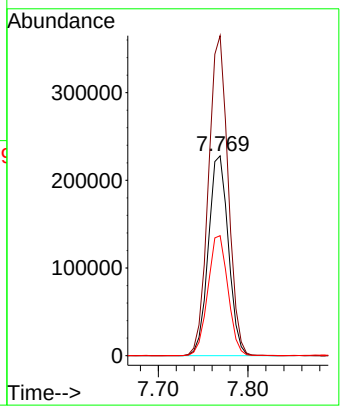


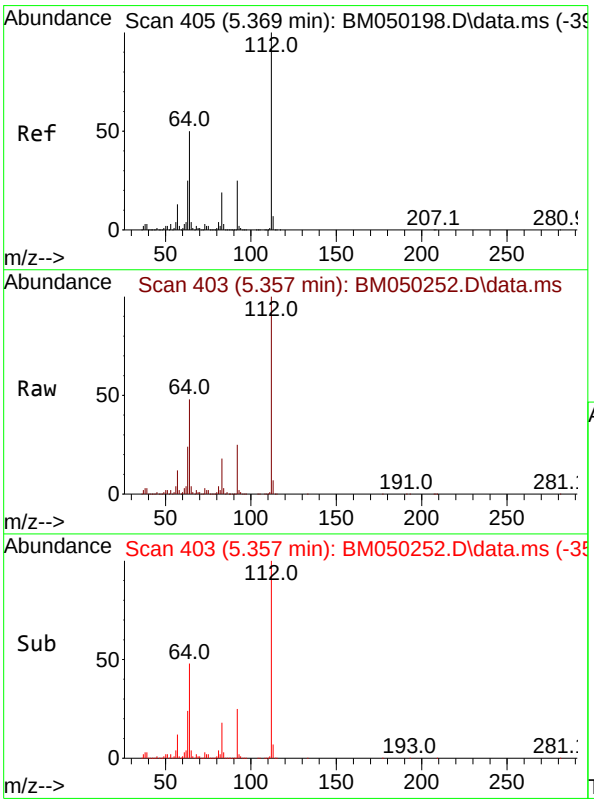
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Tgt Ion:152 Resp: 352597

Ion	Ratio	Lower	Upper
152	100		
150	160.2	122.2	183.4
115	60.1	46.3	69.5

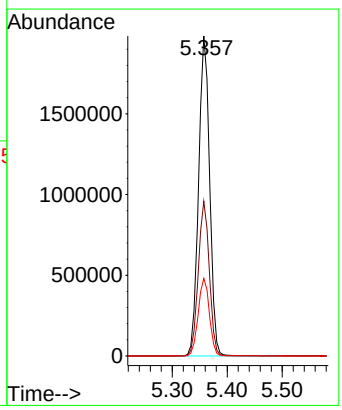


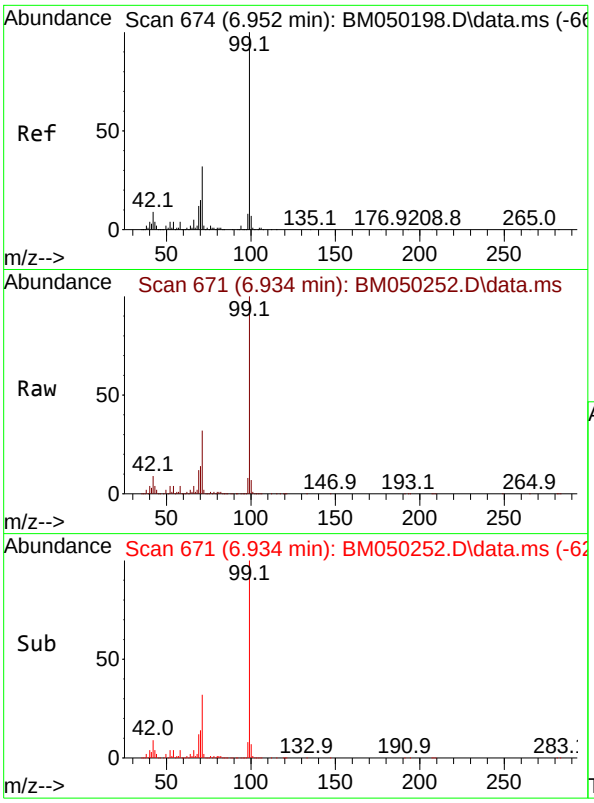


#5
2-Fluorophenol
Concen: 131.225 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Tgt Ion:112 Resp: 2773714

Ion	Ratio	Lower	Upper
112	100		
64	48.4	39.8	59.6
63	24.3	19.8	29.8



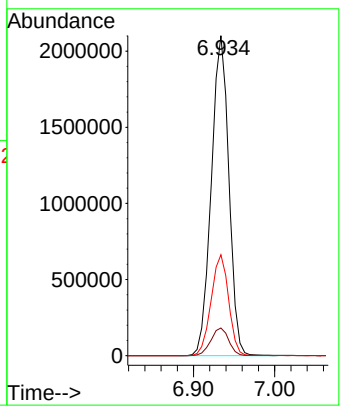


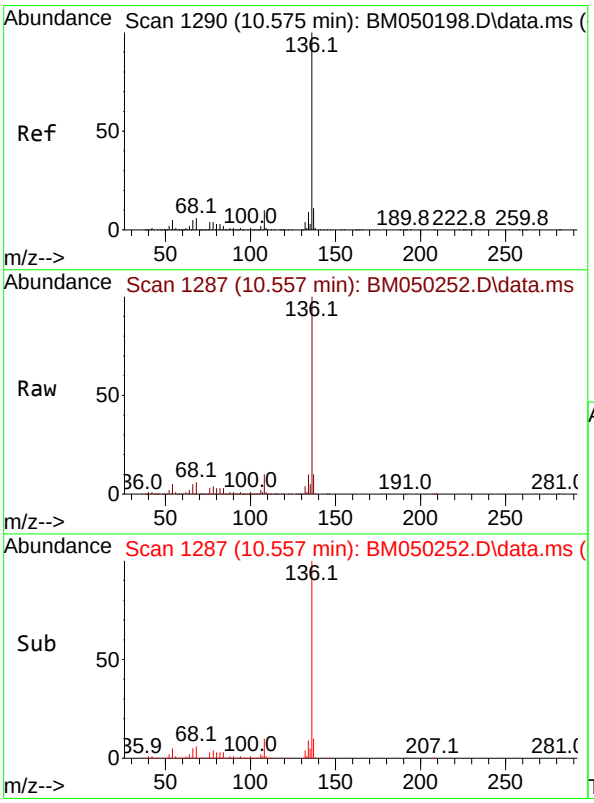
#7
Phenol-d6
Concen: 113.349 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Tgt Ion: 99 Resp: 3153933

Ion	Ratio	Lower	Upper
99	100		
42	8.7	6.9	10.3
71	31.6	25.3	37.9

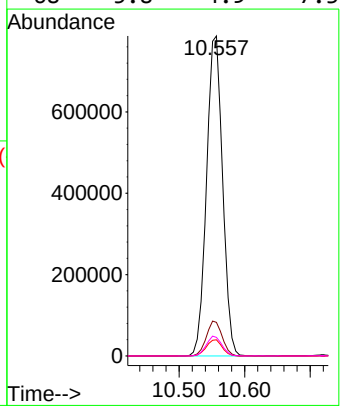


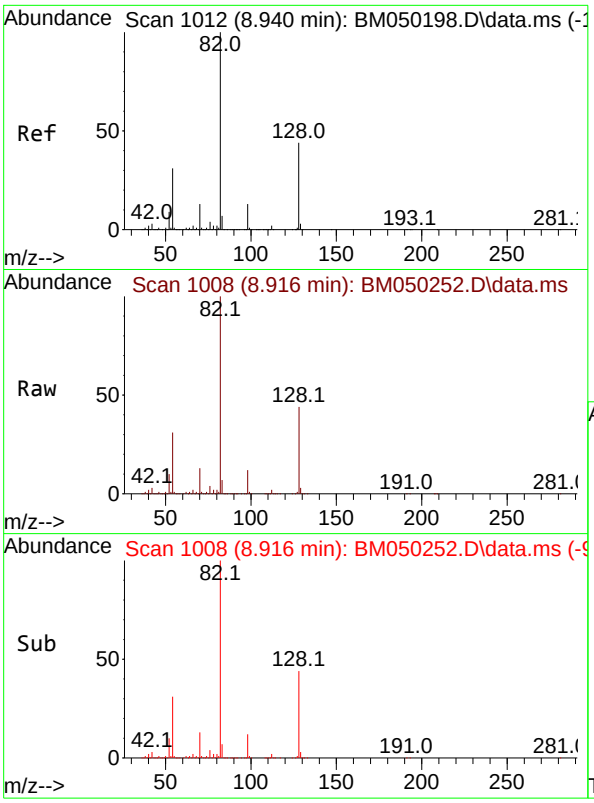


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Tgt Ion:136 Resp: 1338865

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	5.1	3.8	5.8
68	5.8	4.9	7.3



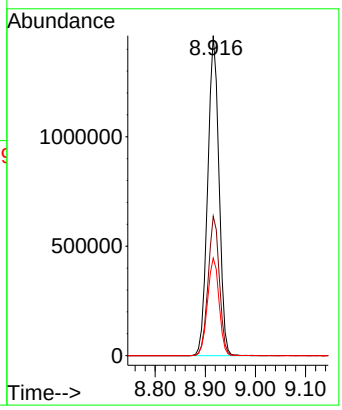


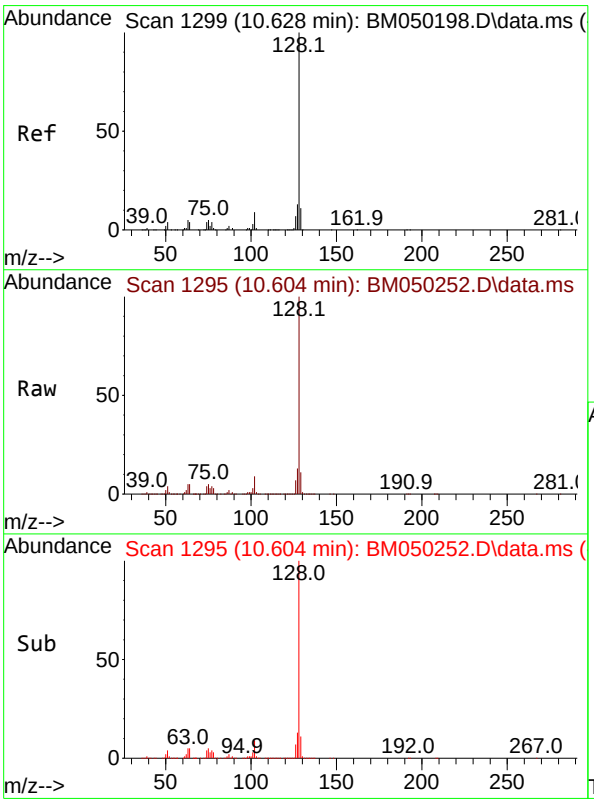
#23
Nitrobenzene-d5
Concen: 88.778 ng
RT: 8.916 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Tgt Ion: 82 Resp: 2285445

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.2	52.8
54	30.5	24.5	36.7

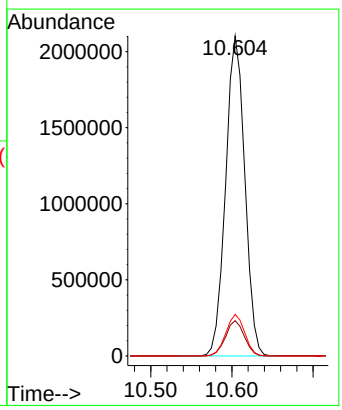


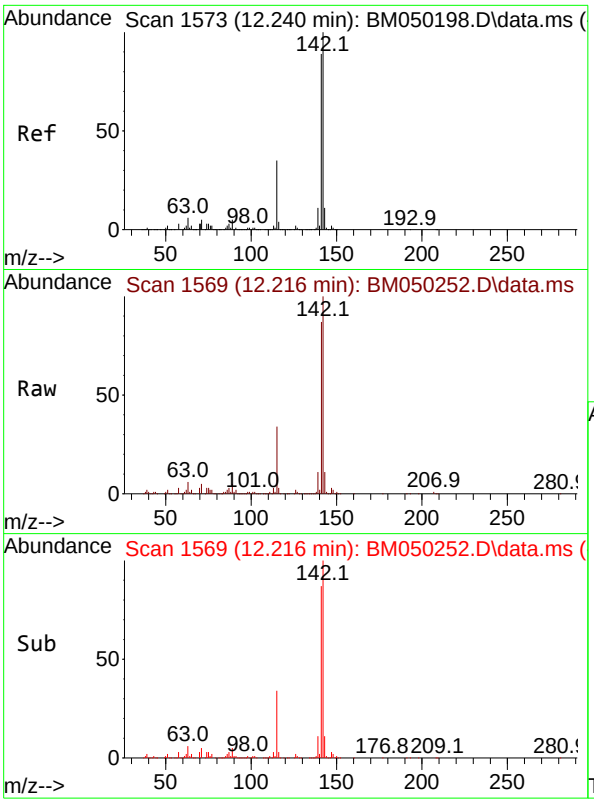


#31
Naphthalene
Concen: 49.753 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Tgt Ion:128 Resp: 3443997

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.0	10.2	15.4



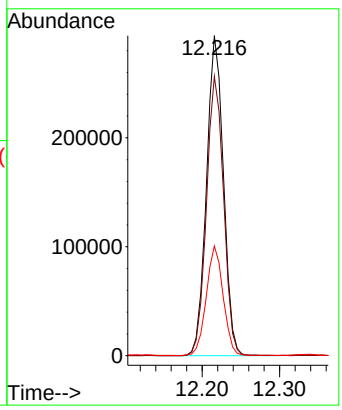


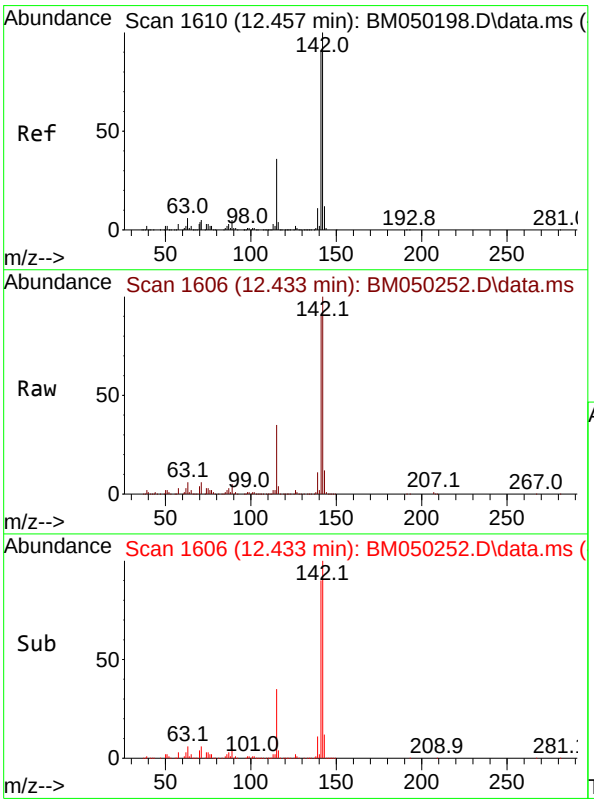
#37
2-Methylnaphthalene
Concen: 10.686 ng
RT: 12.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Tgt Ion:142 Resp: 446244

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.5	107.3
115	34.3	27.8	41.8

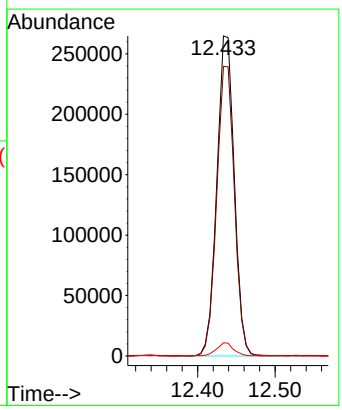


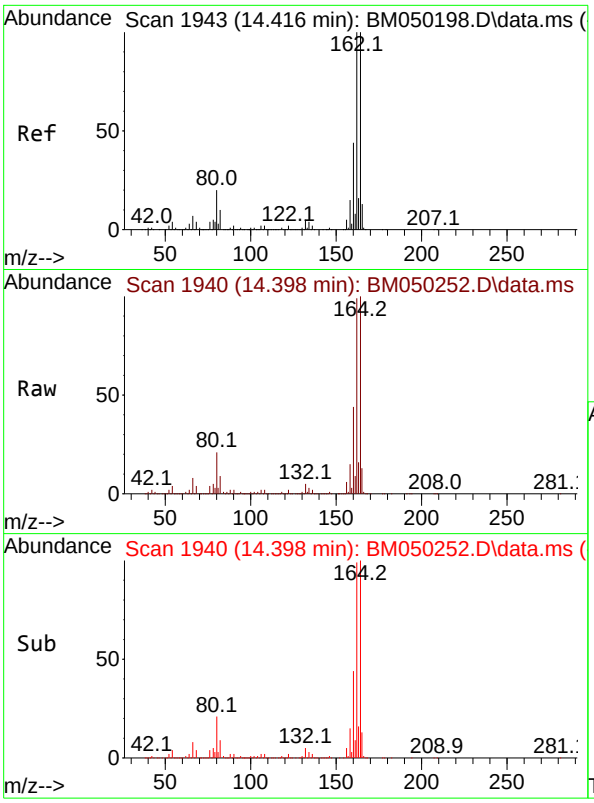


#38
1-Methylnaphthalene
Concen: 9.372 ng
RT: 12.433 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Tgt Ion:142 Resp: 415414

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.9	109.3
116	4.1	3.0	4.6



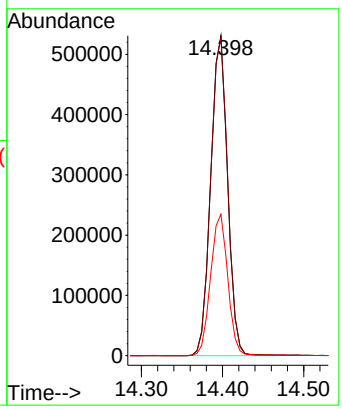


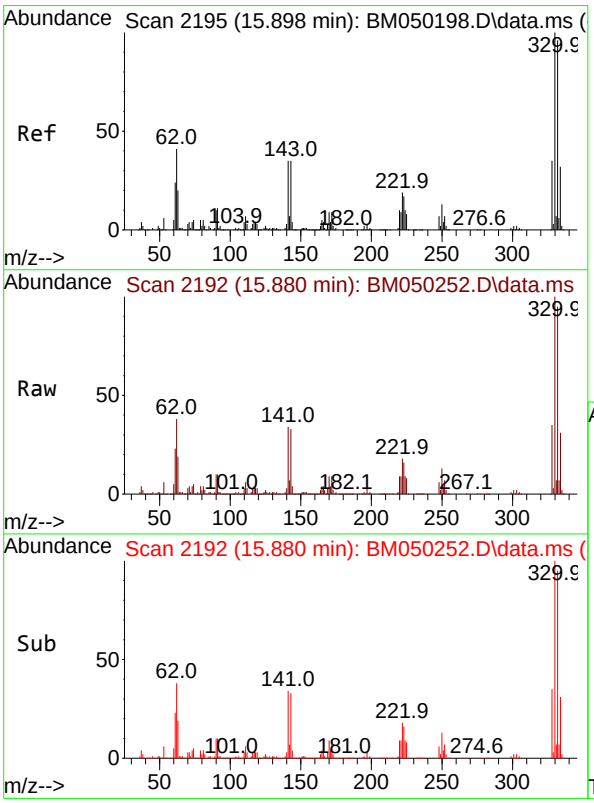
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Tgt Ion:164 Resp: 764097

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.4
160	44.2	35.7	53.5

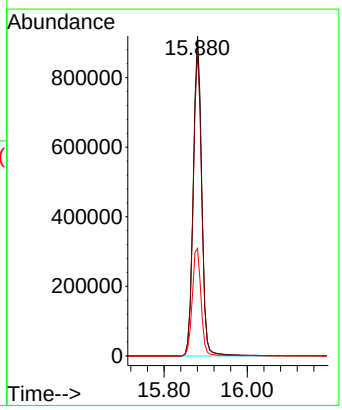


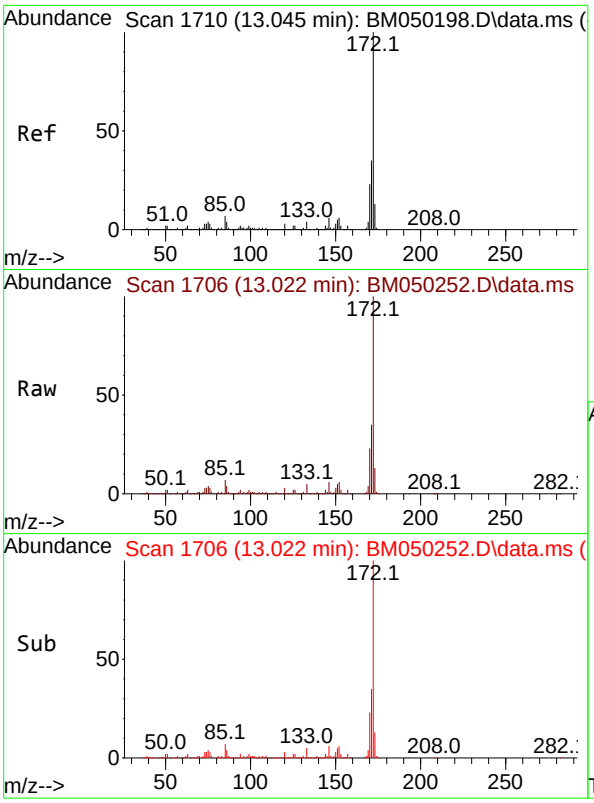


#42
2,4,6-Tribromophenol
Concen: 149.576 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Tgt Ion:330 Resp: 1299976

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.5	116.3
141	34.9	28.8	43.2



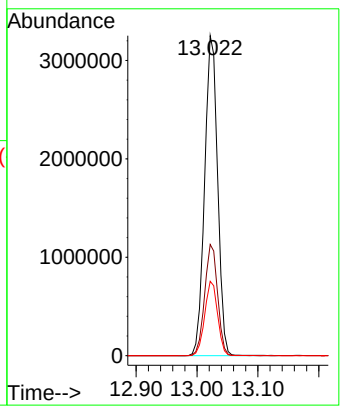


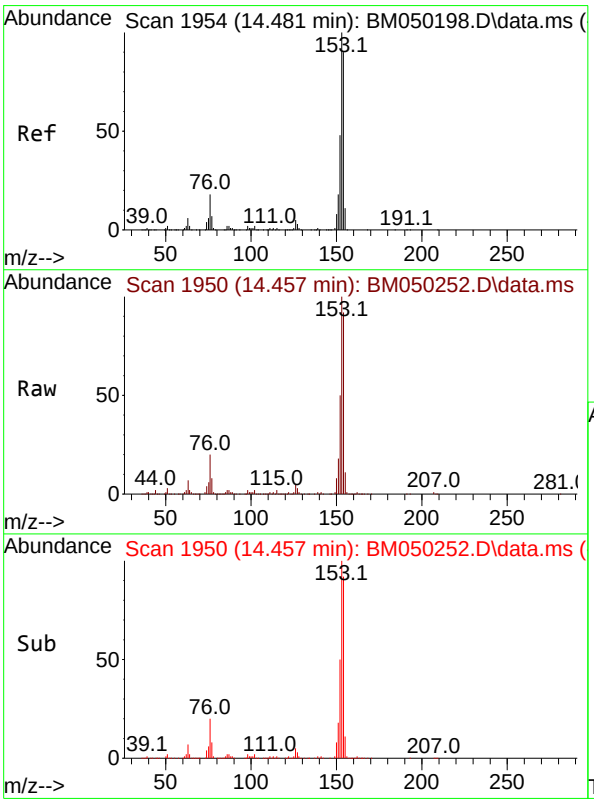
#45
2-Fluorobiphenyl
Concen: 85.416 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Tgt Ion:172 Resp: 4820769

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.2	18.6	27.8

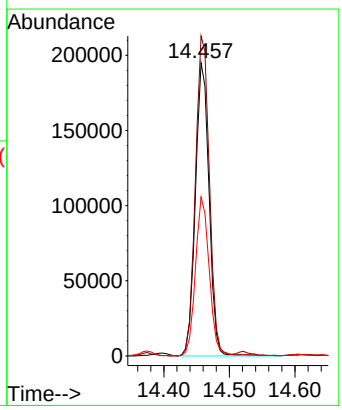


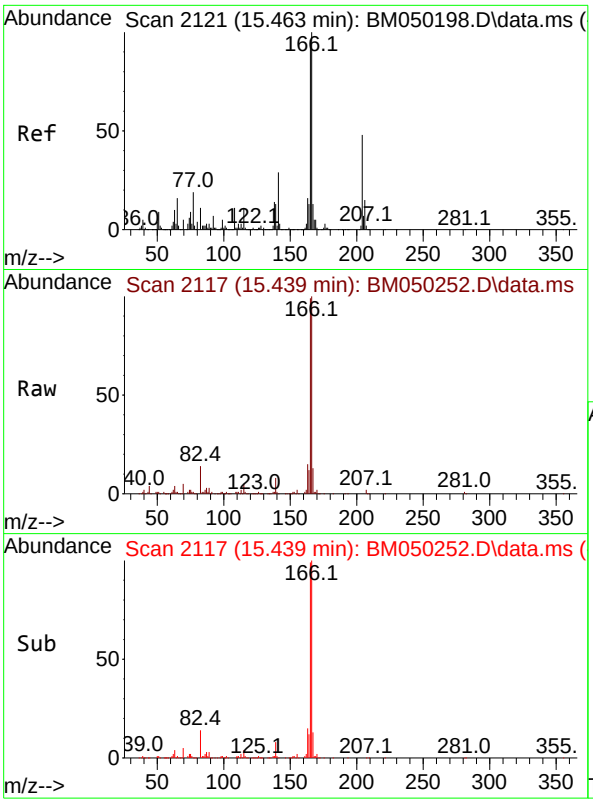


#52
Acenaphthene
Concen: 6.294 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Tgt Ion:154 Resp: 283227

Ion	Ratio	Lower	Upper
154	100		
153	109.2	88.7	133.1
152	54.2	42.6	63.8



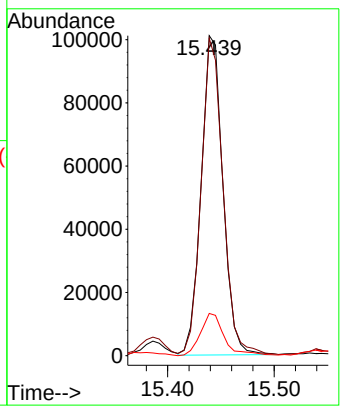


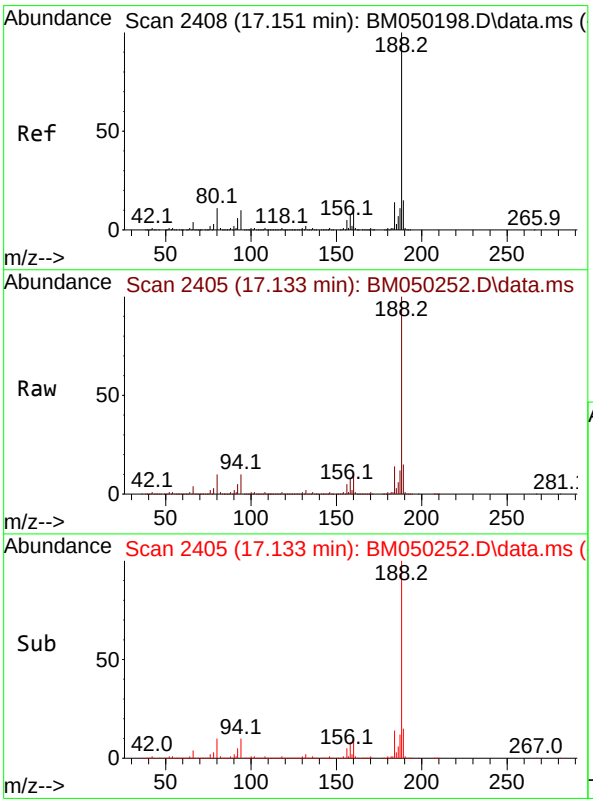
#58
Fluorene
Concen: 2.847 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Tgt Ion:166 Resp: 143536

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.0	115.4
167	13.2	10.7	16.1

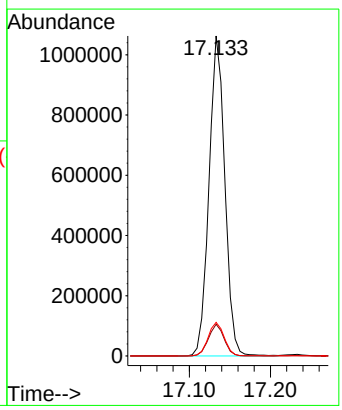


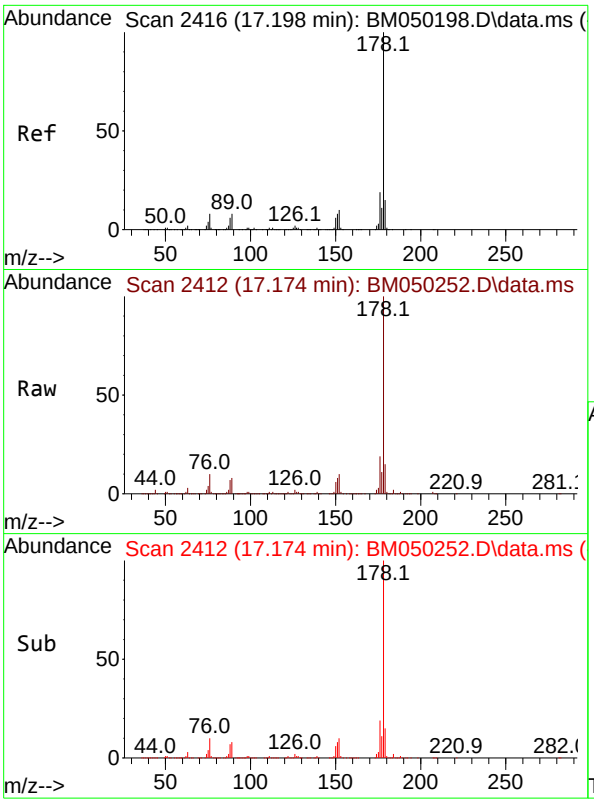


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Tgt Ion:188 Resp: 1438553

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	10.5	8.6	13.0



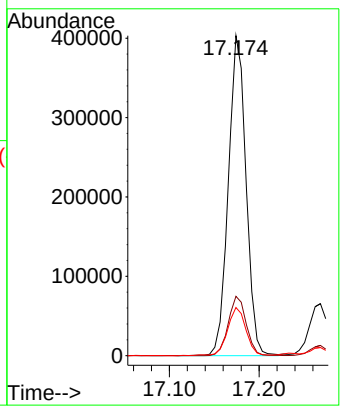


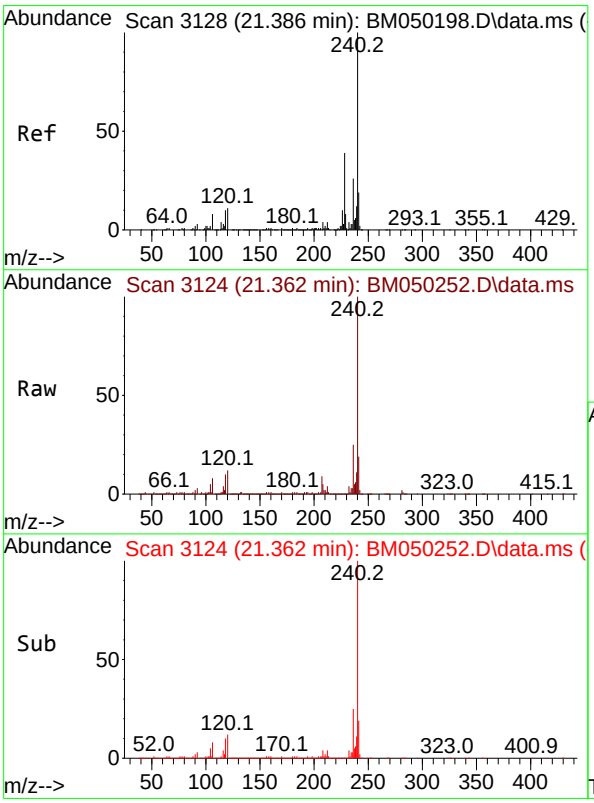
#71
Phenanthrene
Concen: 6.721 ng
RT: 17.174 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Tgt Ion:178 Resp: 552337

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.6	23.4
179	15.1	12.3	18.5

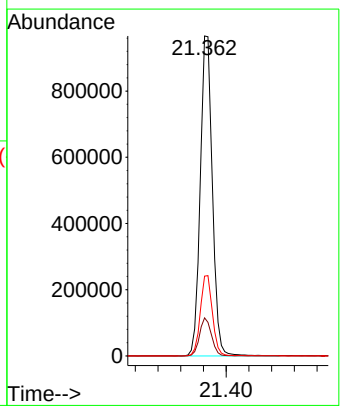


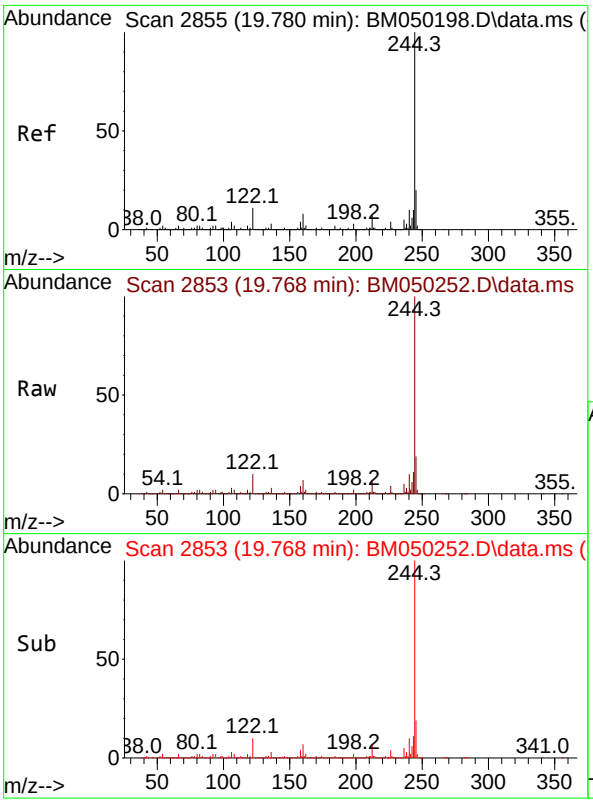


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Tgt Ion:240 Resp: 1432142

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.0	13.4
236	25.0	20.7	31.1



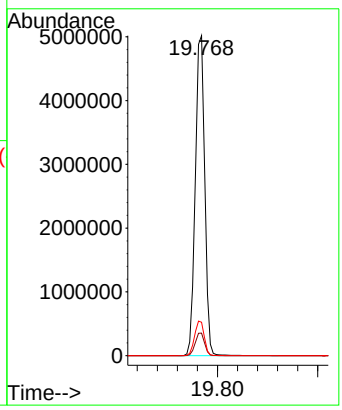


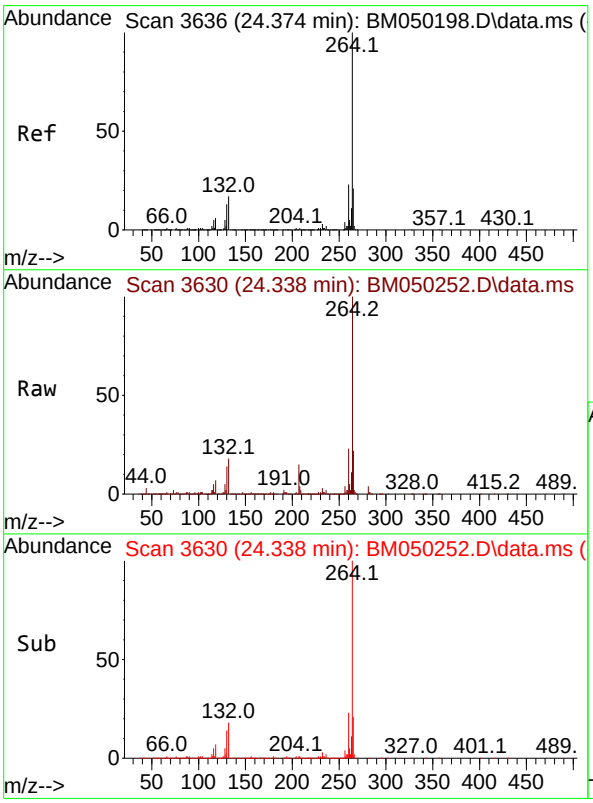
#79
Terphenyl-d14
Concen: 86.449 ng
RT: 19.768 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Instrument :
BNA_M
ClientSampleId :
WC-A2-08-C

Tgt Ion:244 Resp: 6533250

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.5	8.6	12.8

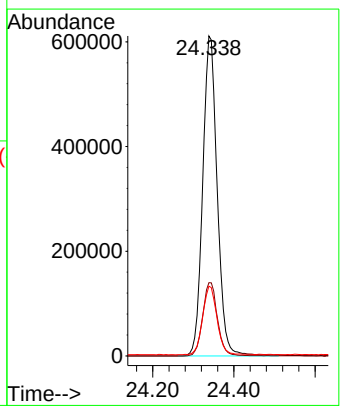




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BM050252.D
Acq: 09 Jun 2025 21:38

Tgt Ion:264 Resp: 1513341

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.8	16.8	25.2



CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2235 SAS No.: Q2235 SDG No.: Q2235

Instrument ID: BNA_M Calibration Date(s): 06/05/2025 06/05/2025

Calibration Time(s): 09:20 13:56

LAB FILE ID: RRF2.5 = BM050194.D RRF005 = BM050195.D RRF010 = BM050196.D
RRF020 = BM050197.D RRF040 = BM050198.D RRF050 = BM050199.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.353	1.352	1.370	1.311	1.425	1.361	2.8
2-Fluorophenol		1.251	1.193	1.192	1.145	1.238	1.199	3.5
Phenol-d6		1.569	1.521	1.617	1.565	1.699	1.578	4.0
1,4-Dichlorobenzene		1.619	1.544	1.564	1.450	1.591	1.534	4.3
2-Methylphenol		1.078	1.042	1.133	1.108	1.207	1.102	5.0
3+4-Methylphenols		1.367	1.375	1.533	1.509	1.661	1.474	7.0
Nitrobenzene-d5		0.359	0.362	0.392	0.377	0.414	0.385	5.4
Hexachloroethane	0.553	0.564	0.544	0.552	0.533	0.593	0.555	3.3
Nitrobenzene		0.333	0.337	0.359	0.339	0.370	0.350	4.1
Hexachlorobutadiene		0.188	0.184	0.189	0.182	0.202	0.190	3.7
2,4,6-Trichlorophenol		0.346	0.347	0.379	0.375	0.414	0.380	6.9
2-Fluorobiphenyl		1.589	1.536	1.532	1.377	1.463	1.477	5.7
2,4,5-Trichlorophenol		0.371	0.382	0.424	0.414	0.457	0.417	7.5
2,4-Dinitrotoluene		0.250	0.283	0.365	0.396	0.447	0.360	19.3
2,4,6-Tribromophenol		0.210	0.213	0.238	0.231	0.254	0.227	7.0
Hexachlorobenzene		0.249	0.240	0.253	0.238	0.261	0.249	3.3
Pentachlorophenol		0.133	0.138	0.165	0.164	0.187	0.162	12.2
Terphenyl-d14		1.148	1.088	1.165	1.010	1.064	1.055	8.1

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 05 16:20:25 2025
Response Via : Initial Calibration

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

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

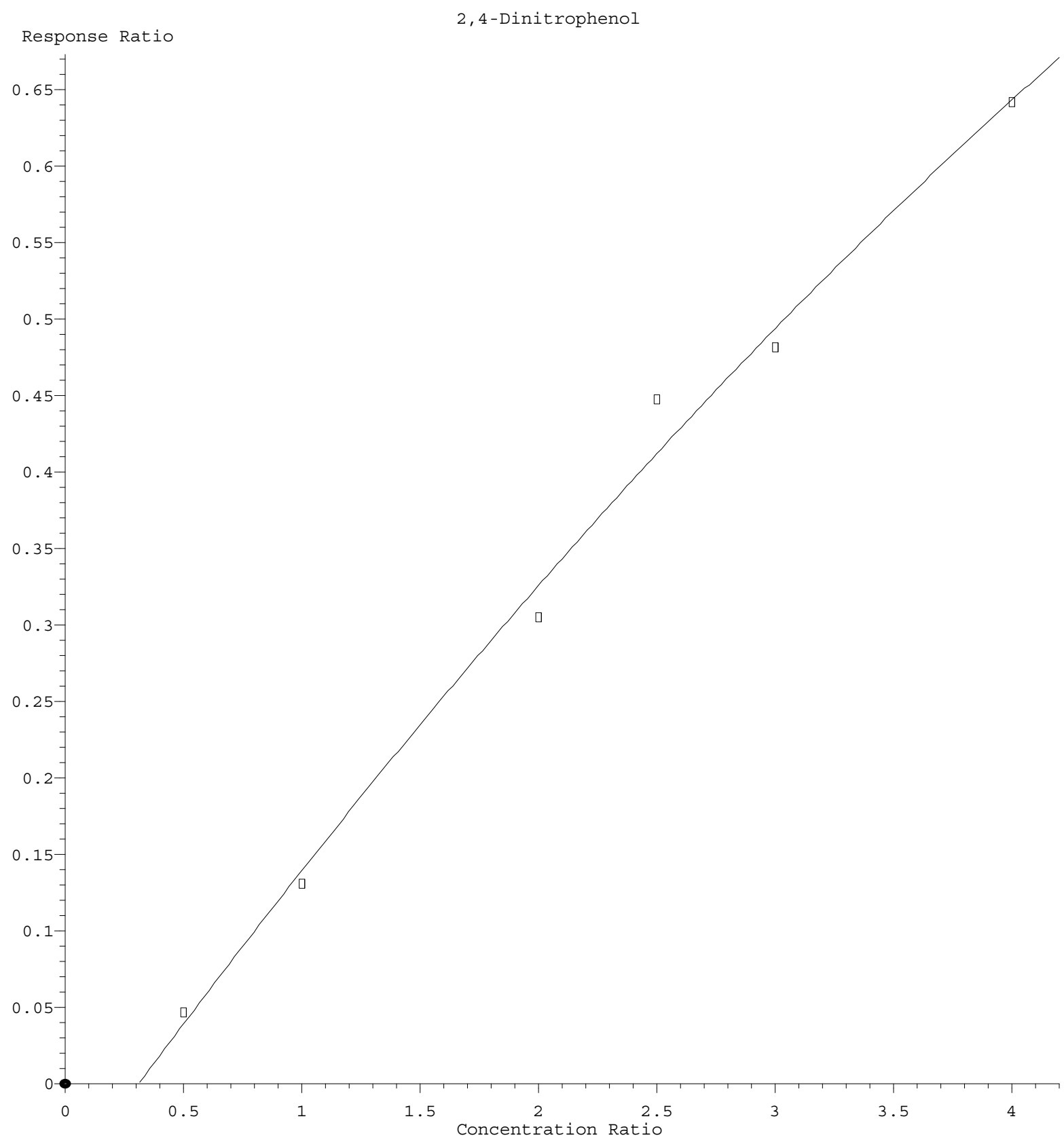
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM060525.M

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

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

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

(#) = Out of Range



R = -9.297e-003 A*A + 2.144e-001 A - 6.582e-002
Coef of Det (r^2) = 0.992237 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM060525.M
Calibration Table Last Updated: Thu Jun 05 16:20:25 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050194.D
Acq On : 05 Jun 2025 09:20
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 05 15:11:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	244555	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	945759	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	534696	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	982061	20.000	ng	0.00
76) Chrysene-d12	21.386	240	992954	20.000	ng	0.00
86) Perylene-d12	24.374	264	1067519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
18) Hexachloroethane	8.869	117	16914	2.490	ng	97

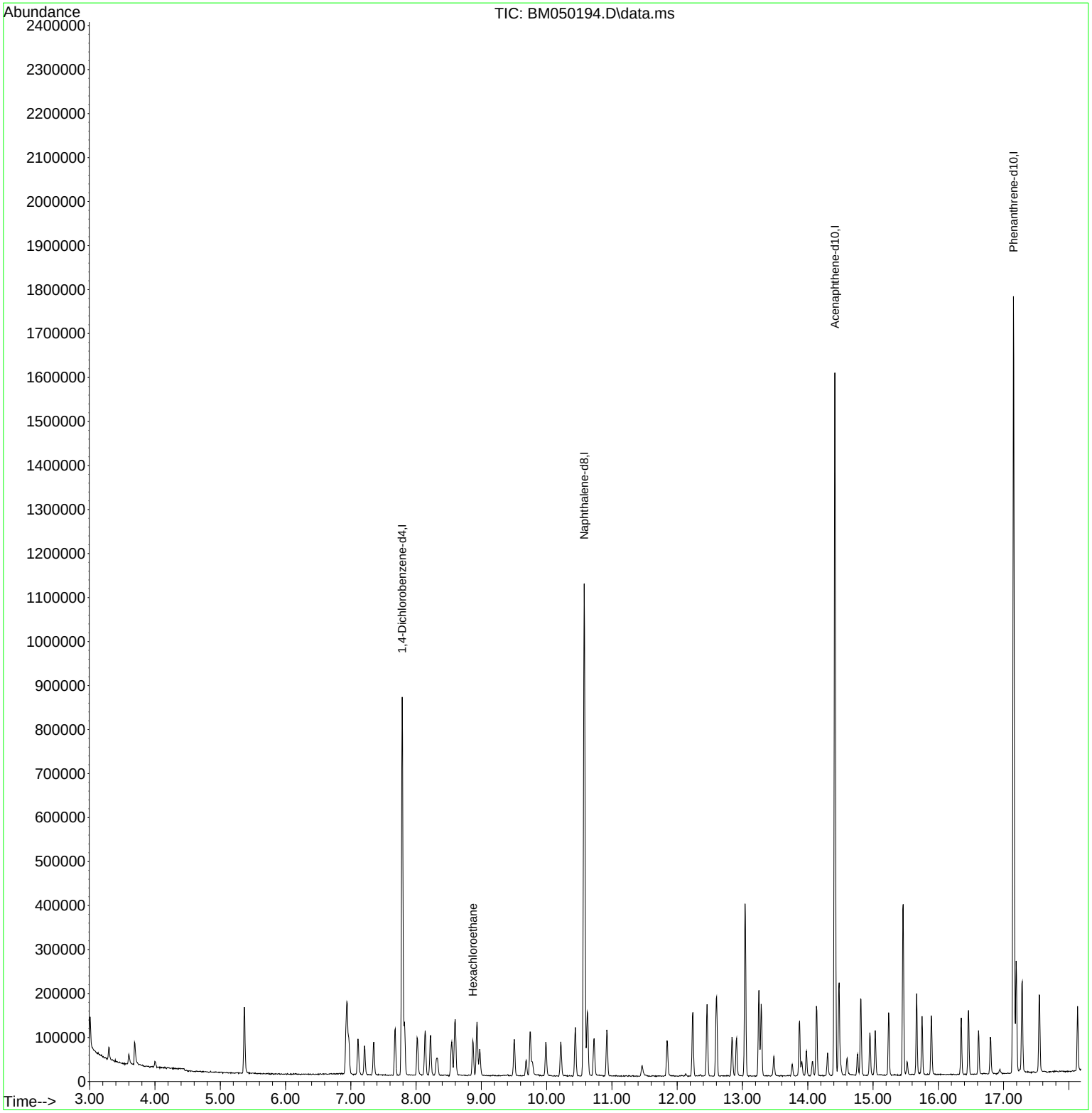
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050194.D
Acq On : 05 Jun 2025 09:20
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 05 15:11:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

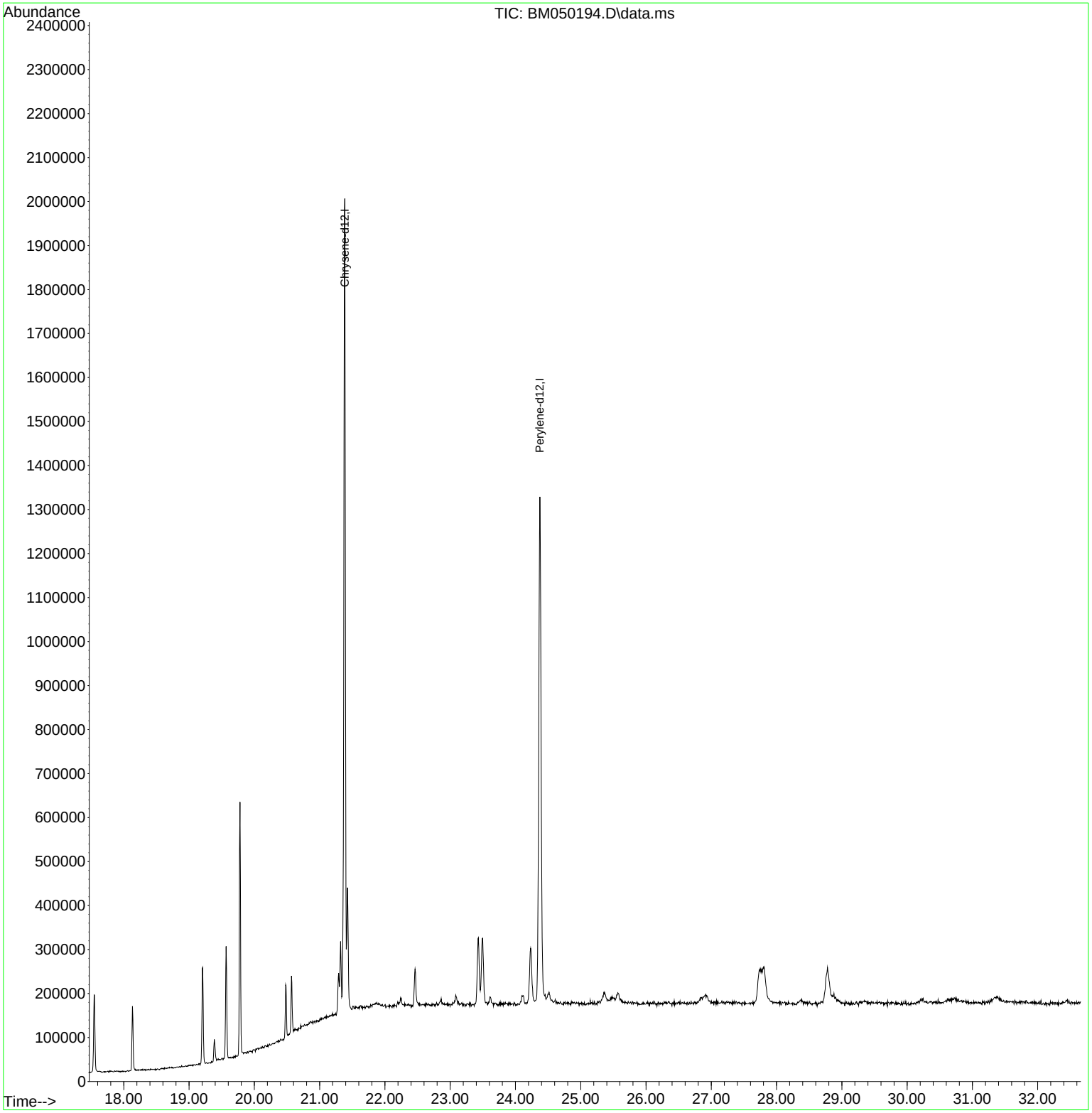


ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050194.D
Acq On : 05 Jun 2025 09:20
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 05 15:11:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050195.D
Acq On : 05 Jun 2025 09:59
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

Quant Time: Jun 05 15:12:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	231885	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	935638	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	551980	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1022508	20.000	ng		0.00
76) Chrysene-d12	21.386	240	964608	20.000	ng		0.00
86) Perylene-d12	24.374	264	941239	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	145075	10.436	ng		0.00
7) Phenol-d6	6.946	99	181940	9.943	ng		0.00
23) Nitrobenzene-d5	8.934	82	167883	9.332	ng		0.00
42) 2,4,6-Tribromophenol	15.892	330	57984	9.236	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	438411	10.753	ng		0.00
79) Terphenyl-d14	19.780	244	553477	10.873	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	34616	5.681	ng		98
3) Pyridine	3.687	79	78460	4.972	ng		95
4) n-Nitrosodimethylamine	3.599	42	16377	5.019	ng	#	94
6) Aniline	7.110	93	117867	4.872	ng		99
8) 2-Chlorophenol	7.351	128	74751	4.889	ng		98
9) Benzaldehyde	6.922	77	67142m	5.771	ng		
10) Phenol	6.969	94	97004	5.010	ng		98
11) bis(2-Chloroethyl)ether	7.210	93	80951	5.198	ng		98
12) 1,3-Dichlorobenzene	7.681	146	87889	5.142	ng		98
13) 1,4-Dichlorobenzene	7.822	146	93841	5.276	ng		99
14) 1,2-Dichlorobenzene	8.140	146	87131	5.139	ng		99
15) Benzyl Alcohol	8.016	79	62171	4.764	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	58670	5.423	ng		97
17) 2-Methylphenol	8.222	107	62467	4.890	ng		99
18) Hexachloroethane	8.869	117	32689	5.075	ng		96
19) n-Nitroso-di-n-propyla...	8.587	70	54735	4.888	ng		98
20) 3+4-Methylphenols	8.545	107	79245	4.636	ng		98
22) Acetophenone	8.604	105	120380	5.150	ng	#	97
24) Nitrobenzene	8.975	77	77828	4.757	ng		98
25) Isophorone	9.504	82	151295	4.872	ng		99
26) 2-Nitrophenol	9.687	139	27114	3.839	ng		94
27) 2,4-Dimethylphenol	9.751	122	72768	5.010	ng		99
28) bis(2-Chloroethoxy)met...	9.992	93	99703	4.915	ng		100
29) 2,4-Dichlorophenol	10.216	162	61926	4.611	ng		99
30) 1,2,4-Trichlorobenzene	10.439	180	75854	5.076	ng		97
31) Naphthalene	10.628	128	259768	5.370	ng		99
33) 4-Chloroaniline	10.728	127	102387	4.964	ng		98
34) Hexachlorobutadiene	10.922	225	43914	4.940	ng		95
35) Caprolactam	11.463	113	17903	4.205	ng		87
36) 4-Chloro-3-methylphenol	11.845	107	68614	4.788	ng		94
37) 2-Methylnaphthalene	12.239	142	146149	5.008	ng		98
38) 1-Methylnaphthalene	12.457	142	158007	5.101	ng		97
40) 1,2,4,5-Tetrachloroben...	12.604	216	80884	5.075	ng		99
41) Hexachlorocyclopentadiene	12.598	237	40674	4.202	ng		97
43) 2,4,6-Trichlorophenol	12.839	196	47806	4.561	ng		100
44) 2,4,5-Trichlorophenol	12.910	196	51196	4.449	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050195.D
Acq On : 05 Jun 2025 09:59
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Jun 05 15:12:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.251	154	218302	5.282	ng		99
47) 2-Chloronaphthalene	13.286	162	168466	5.243	ng		96
48) 2-Nitroaniline	13.480	65	27545	3.895	ng		83
49) Acenaphthylene	14.133	152	257055	4.946	ng		99
50) Dimethylphthalate	13.875	163	184777	4.950	ng		99
51) 2,6-Dinitrotoluene	13.980	165	28146	3.739	ng		88
52) Acenaphthene	14.480	154	167876	5.164	ng		97
53) 3-Nitroaniline	14.304	138	31831	3.794	ng	#	88
55) Dibenzofuran	14.810	168	245911	5.171	ng		99
56) 4-Nitrophenol	14.604	139	27420	3.840	ng		97
57) 2,4-Dinitrotoluene	14.763	165	34457	3.470	ng		87
58) Fluorene	15.463	166	195018	5.354	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.033	232	46644m	4.685	ng		
60) Diethylphthalate	15.239	149	181363	4.897	ng		98
61) 4-Chlorophenyl-phenyle...	15.463	204	93141	5.291	ng		98
62) 4-Nitroaniline	15.463	138	29436	3.743	ng		99
63) Azobenzene	15.751	77	185154	5.001	ng		96
66) n-Nitrosodiphenylamine	15.669	169	161093	5.014	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	52965	4.857	ng		99
68) Hexachlorobenzene	16.463	284	63698	5.000	ng		98
69) Atrazine	16.616	200	42483	4.150	ng		96
70) Pentachlorophenol	16.798	266	33971	4.101	ng		95
71) Phenanthrene	17.192	178	316683	5.421	ng		99
72) Anthracene	17.286	178	298346	5.106	ng		99
73) Carbazole	17.545	167	266214	5.001	ng		99
74) Di-n-butylphthalate	18.133	149	255200	4.406	ng		99
75) Fluoranthene	19.209	202	301599	4.896	ng		99
78) Pyrene	19.568	202	320928	4.936	ng		99
80) Butylbenzylphthalate	20.480	149	77663	3.581	ng		92
81) Benzo(a)anthracene	21.368	228	306613	5.022	ng		98
82) 3,3'-Dichlorobenzidine	21.286	252	64021	3.438	ng		94
83) Chrysene	21.427	228	297925	5.130	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	126652	3.791	ng	#	97
85) Di-n-octyl phthalate	22.462	149	154664	3.120	ng	#	97
87) Indeno(1,2,3-cd)pyrene	27.732	276	279736	4.616	ng	#	90
88) Benzo(b)fluoranthene	23.433	252	259803	4.748	ng		99
89) Benzo(k)fluoranthene	23.492	252	268597	4.808	ng		99
90) Benzo(a)pyrene	24.233	252	233858	4.545	ng		99
91) Dibenzo(a,h)anthracene	27.809	278	224374	4.561	ng		98
92) Benzo(g,h,i)perylene	28.779	276	235785	4.789	ng		99

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

ICAL Form

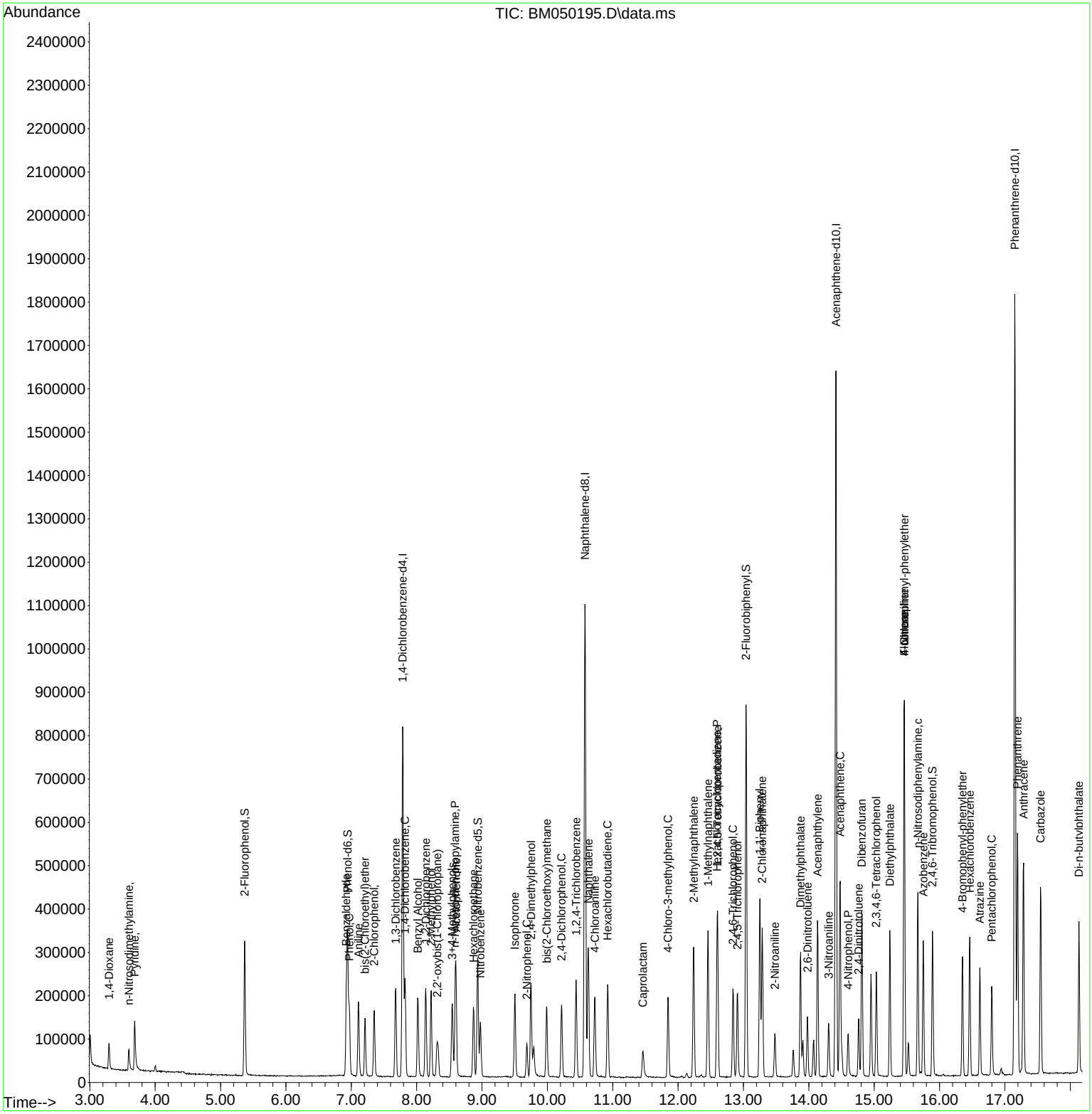
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050195.D
Acq On : 05 Jun 2025 09:59
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 05 15:12:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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



ICAL Form

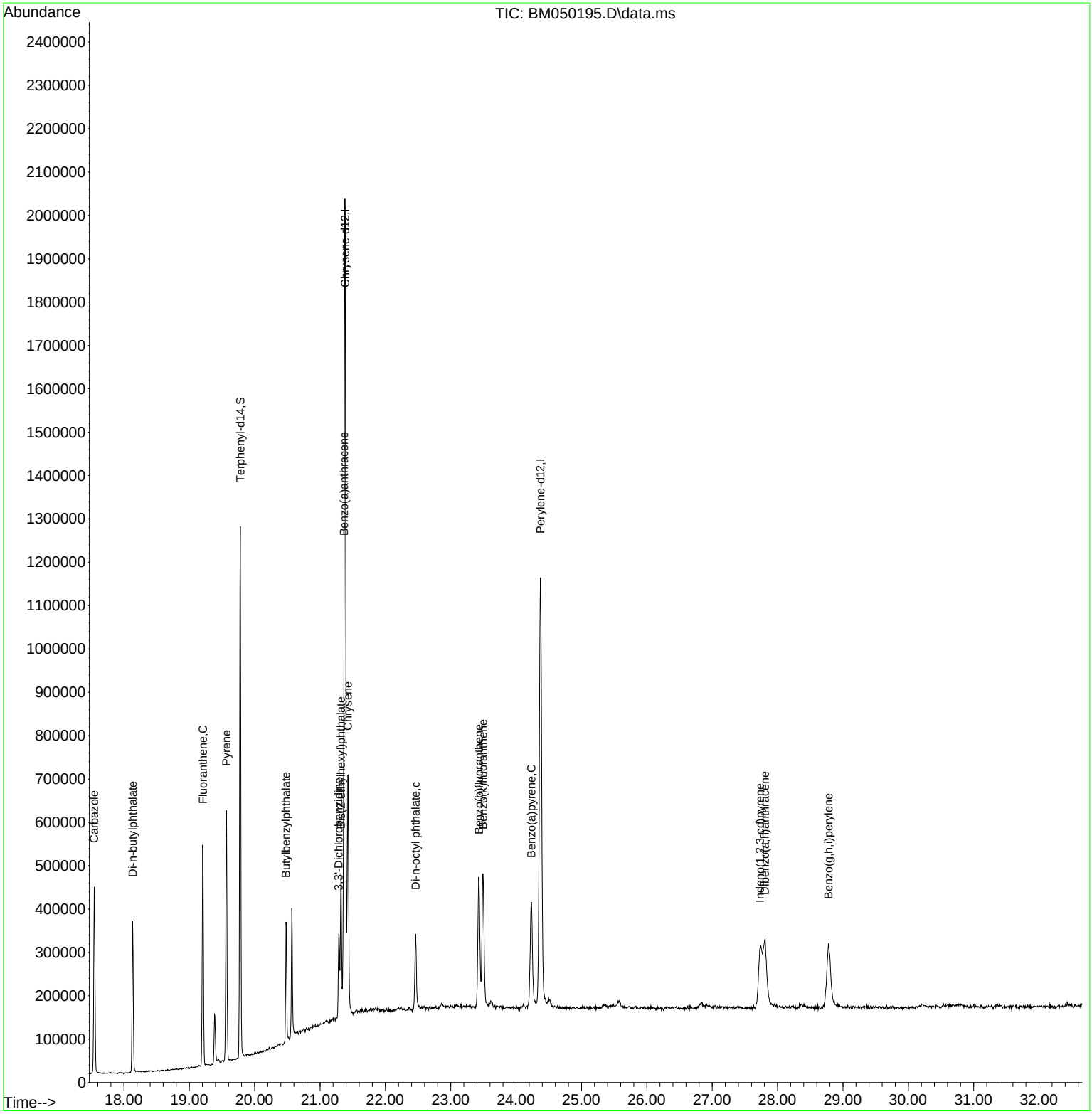
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050195.D
Acq On : 05 Jun 2025 09:59
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 05 15:12:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050196.D
Acq On : 05 Jun 2025 10:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 14:58:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	257321	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	1031213	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	597701	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1092132	20.000	ng		0.00
76) Chrysene-d12	21.386	240	1044209	20.000	ng		0.00
86) Perylene-d12	24.374	264	1027174	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	306899	19.895	ng		0.00
7) Phenol-d6	6.946	99	391479	19.279	ng		0.00
23) Nitrobenzene-d5	8.934	82	373577	18.841	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	127081	18.693	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	918043	20.795	ng		0.00
79) Terphenyl-d14	19.780	244	1136477	20.625	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	71029	10.505	ng		97
3) Pyridine	3.687	79	173970	9.935	ng		98
4) n-Nitrosodimethylamine	3.599	42	34098	9.417	ng	#	99
6) Aniline	7.110	93	259330	9.660	ng		99
8) 2-Chlorophenol	7.351	128	161982	9.547	ng		99
9) Benzaldehyde	6.928	77	139011	10.767	ng		99
10) Phenol	6.969	94	211509	9.844	ng		99
11) bis(2-Chloroethyl)ether	7.210	93	169669	9.818	ng		99
12) 1,3-Dichlorobenzene	7.681	146	188081	9.915	ng		98
13) 1,4-Dichlorobenzene	7.822	146	198637	10.065	ng		99
14) 1,2-Dichlorobenzene	8.140	146	187370	9.959	ng		99
15) Benzyl Alcohol	8.022	79	134400	9.280	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	122149	10.175	ng		97
17) 2-Methylphenol	8.222	107	134124	9.461	ng		100
18) Hexachloroethane	8.869	117	70045	9.800	ng		98
19) n-Nitroso-di-n-propyla...	8.592	70	121867	9.807	ng		97
20) 3+4-Methylphenols	8.545	107	176847	9.324	ng		99
22) Acetophenone	8.604	105	260808	10.123	ng	#	98
24) Nitrobenzene	8.975	77	173945	9.646	ng		99
25) Isophorone	9.504	82	321944	9.407	ng		99
26) 2-Nitrophenol	9.687	139	64131	8.239	ng		96
27) 2,4-Dimethylphenol	9.751	122	153659	9.598	ng		99
28) bis(2-Chloroethoxy)met...	9.992	93	213076	9.531	ng		99
29) 2,4-Dichlorophenol	10.216	162	135013	9.122	ng		95
30) 1,2,4-Trichlorobenzene	10.439	180	158337	9.614	ng		99
31) Naphthalene	10.628	128	536516	10.063	ng		99
32) Benzoic acid	9.810	122	65412	6.508	ng		99
33) 4-Chloroaniline	10.728	127	218016	9.591	ng		99
34) Hexachlorobutadiene	10.922	225	94772	9.674	ng		98
35) Caprolactam	11.469	113	39590	8.437	ng		95
36) 4-Chloro-3-methylphenol	11.845	107	142482	9.022	ng		98
37) 2-Methylnaphthalene	12.239	142	305385	9.495	ng		97
38) 1-Methylnaphthalene	12.457	142	328309	9.617	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	167598	9.711	ng		98
41) Hexachlorocyclopentadiene	12.598	237	91203	8.701	ng		95
43) 2,4,6-Trichlorophenol	12.845	196	103556	9.124	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050196.D
Acq On : 05 Jun 2025 10:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 14:58:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	114017	9.149	ng		98
46) 1,1'-Biphenyl	13.251	154	452133	10.102	ng		100
47) 2-Chloronaphthalene	13.286	162	356687	10.251	ng		99
48) 2-Nitroaniline	13.480	65	61491	8.031	ng		89
49) Acenaphthylene	14.133	152	548052	9.738	ng		99
50) Dimethylphthalate	13.874	163	384143	9.503	ng		99
51) 2,6-Dinitrotoluene	13.980	165	69112	8.478	ng		95
52) Acenaphthene	14.480	154	351485	9.985	ng		99
53) 3-Nitroaniline	14.304	138	75418	8.301	ng		97
54) 2,4-Dinitrophenol	14.510	184	27888	10.741	ng		98
55) Dibenzofuran	14.816	168	511101	9.925	ng		98
56) 4-Nitrophenol	14.604	139	64450	8.335	ng		99
57) 2,4-Dinitrotoluene	14.763	165	84481	7.856	ng		91
58) Fluorene	15.463	166	405716	10.286	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	98715m	9.156	ng		
60) Diethylphthalate	15.239	149	380099	9.477	ng		100
61) 4-Chlorophenyl-phenyle...	15.463	204	196034	10.283	ng		100
62) 4-Nitroaniline	15.463	138	70517	8.281	ng		97
63) Azobenzene	15.751	77	397398	9.913	ng		97
65) 4,6-Dinitro-2-methylph...	15.527	198	40699	6.823	ng		94
66) n-Nitrosodiphenylamine	15.668	169	341695	9.957	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	111429	9.568	ng		96
68) Hexachlorobenzene	16.463	284	130925	9.622	ng		99
69) Atrazine	16.621	200	96720	8.846	ng		98
70) Pentachlorophenol	16.798	266	75315	8.513	ng		100
71) Phenanthrene	17.192	178	630983	10.114	ng		99
72) Anthracene	17.286	178	619530	9.926	ng		99
73) Carbazole	17.551	167	547511	9.629	ng		100
74) Di-n-butylphthalate	18.133	149	549702	8.885	ng		99
75) Fluoranthene	19.204	202	622189	9.457	ng		98
77) Benzidine	19.392	184	199082	6.780	ng		99
78) Pyrene	19.568	202	682132	9.692	ng		99
80) Butylbenzylphthalate	20.480	149	181298	7.723	ng		96
81) Benzo(a)anthracene	21.368	228	642785	9.725	ng		98
82) 3,3'-Dichlorobenzidine	21.292	252	157266	7.803	ng		99
83) Chrysene	21.427	228	618398	9.836	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	299821	8.291	ng		96
85) Di-n-octyl phthalate	22.462	149	380681	7.094	ng		99
87) Indeno(1,2,3-cd)pyrene	27.738	276	607722	9.189	ng	#	92
88) Benzo(b)fluoranthene	23.433	252	555747	9.306	ng		98
89) Benzo(k)fluoranthene	23.497	252	589937	9.677	ng		99
90) Benzo(a)pyrene	24.233	252	517175	9.211	ng		99
91) Dibenzo(a,h)anthracene	27.809	278	496324	9.245	ng		98
92) Benzo(g,h,i)perylene	28.785	276	502232	9.347	ng		98

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

ICAL Form

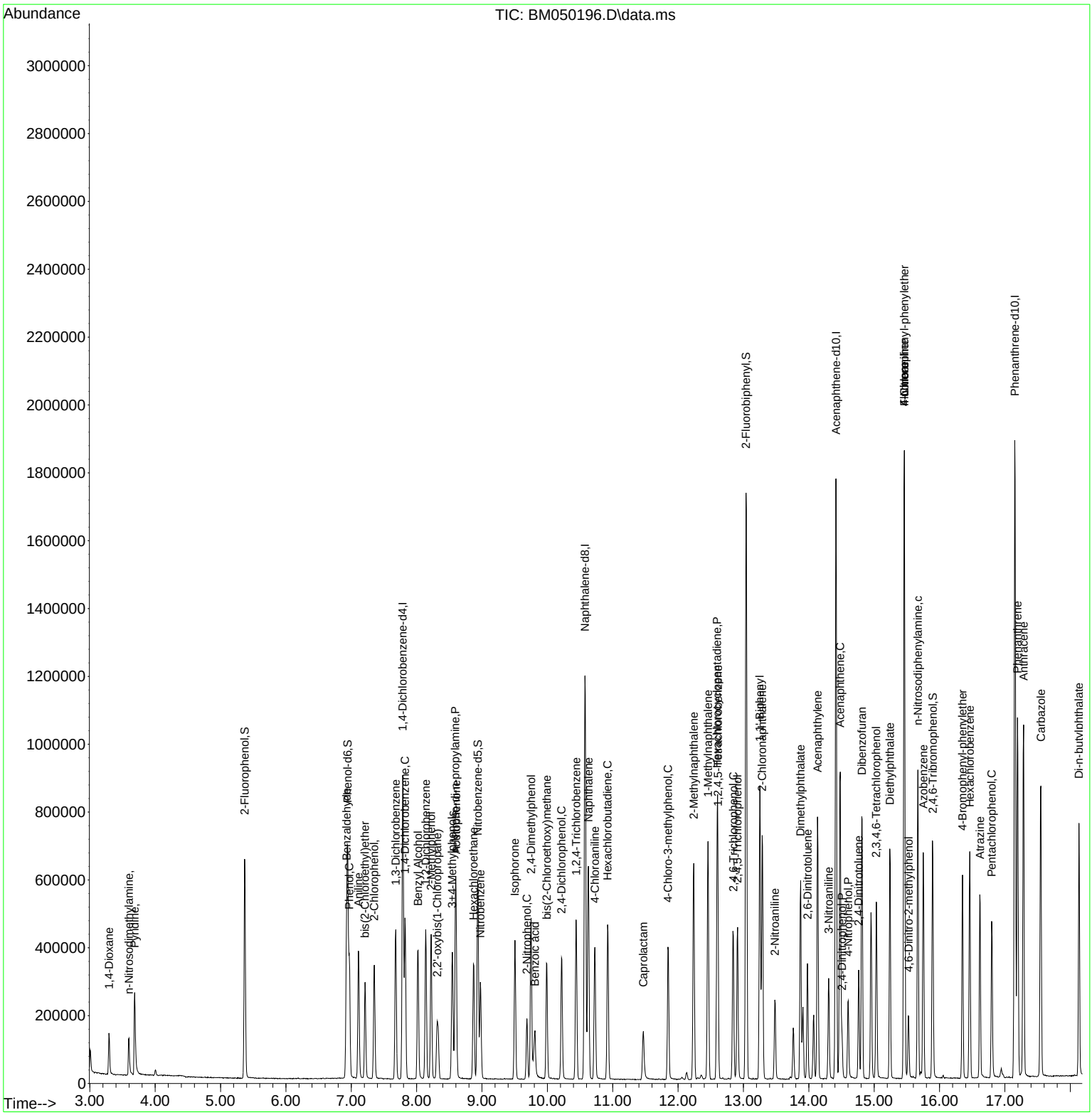
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050196.D
Acq On : 05 Jun 2025 10:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 05 14:58:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



ICAL Form

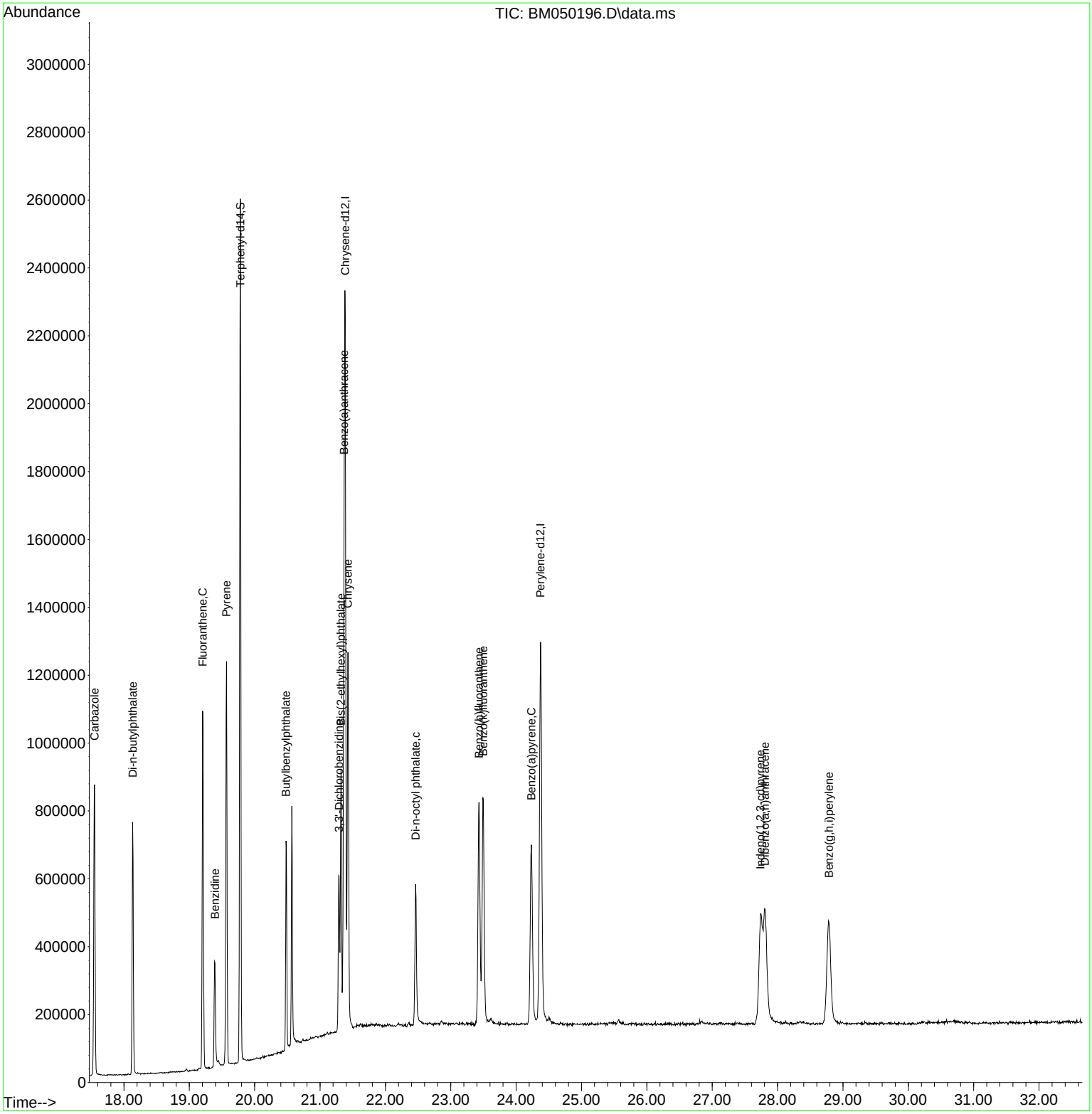
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050196.D
Acq On : 05 Jun 2025 10:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 05 14:58:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050197.D
Acq On : 05 Jun 2025 11:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

Quant Time: Jun 05 14:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	277976	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	1171357	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	720692	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	1364843	20.000	ng		0.00
76) Chrysene-d12	21.386	240	1240830	20.000	ng		0.00
86) Perylene-d12	24.374	264	1156806	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	662532	39.759	ng		0.00
7) Phenol-d6	6.946	99	899139	40.989	ng		0.00
23) Nitrobenzene-d5	8.934	82	917335	40.730	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	342402	41.770	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	2208837	41.494	ng		0.00
79) Terphenyl-d14	19.780	244	2892092	44.169	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	143316	19.620	ng		99
3) Pyridine	3.681	79	380901	20.136	ng		99
4) n-Nitrosodimethylamine	3.593	42	77508	19.815	ng	#	97
6) Aniline	7.110	93	596745	20.578	ng		100
8) 2-Chlorophenol	7.352	128	373594	20.382	ng		99
9) Benzaldehyde	6.928	77	299039m	21.441	ng		
10) Phenol	6.975	94	475205	20.474	ng		100
11) bis(2-Chloroethyl)ether	7.210	93	383515	20.543	ng		99
12) 1,3-Dichlorobenzene	7.681	146	414543	20.230	ng		98
13) 1,4-Dichlorobenzene	7.822	146	434797	20.394	ng		99
14) 1,2-Dichlorobenzene	8.140	146	414769	20.407	ng		99
15) Benzyl Alcohol	8.022	79	320142	20.462	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	270693	20.873	ng		98
17) 2-Methylphenol	8.222	107	314991	20.568	ng		97
18) Hexachloroethane	8.869	117	153532	19.885	ng		99
19) n-Nitroso-di-n-propyla...	8.593	70	297971	22.197	ng		98
20) 3+4-Methylphenols	8.546	107	426134	20.798	ng		98
22) Acetophenone	8.605	105	605945	20.706	ng	#	98
24) Nitrobenzene	8.975	77	420036	20.506	ng		97
25) Isophorone	9.504	82	802320	20.639	ng		100
26) 2-Nitrophenol	9.687	139	170594	19.294	ng		97
27) 2,4-Dimethylphenol	9.752	122	368697	20.275	ng		98
28) bis(2-Chloroethoxy)met...	9.993	93	523393	20.610	ng		99
29) 2,4-Dichlorophenol	10.222	162	338221	20.118	ng		99
30) 1,2,4-Trichlorobenzene	10.440	180	375562	20.074	ng		99
31) Naphthalene	10.628	128	1236626	20.419	ng		100
32) Benzoic acid	9.840	122	205878	18.032	ng		99
33) 4-Chloroaniline	10.728	127	531493	20.585	ng		99
34) Hexachlorobutadiene	10.922	225	221558	19.910	ng		99
35) Caprolactam	11.481	113	109175	20.483	ng		98
36) 4-Chloro-3-methylphenol	11.851	107	366554	20.433	ng		99
37) 2-Methylnaphthalene	12.240	142	752886	20.607	ng		98
38) 1-Methylnaphthalene	12.457	142	806687	20.803	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	421559	20.257	ng		100
41) Hexachlorocyclopentadiene	12.598	237	244251	19.326	ng		98
43) 2,4,6-Trichlorophenol	12.845	196	273306	19.971	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050197.D
Acq On : 05 Jun 2025 11:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

Quant Time: Jun 05 14:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	305541	20.334	ng		98
46) 1,1'-Biphenyl	13.251	154	1091201	20.221	ng		98
47) 2-Chloronaphthalene	13.292	162	850349	20.269	ng		99
48) 2-Nitroaniline	13.481	65	181276	19.634	ng		96
49) Acenaphthylene	14.139	152	1398350	20.607	ng		99
50) Dimethylphthalate	13.875	163	1007787	20.677	ng		100
51) 2,6-Dinitrotoluene	13.981	165	204779	20.834	ng		96
52) Acenaphthene	14.481	154	854295	20.128	ng		99
53) 3-Nitroaniline	14.304	138	224884	20.528	ng		97
54) 2,4-Dinitrophenol	14.510	184	94248	19.130	ng		98
55) Dibenzofuran	14.816	168	1279459	20.605	ng		98
56) 4-Nitrophenol	14.604	139	191313	20.518	ng		100
57) 2,4-Dinitrotoluene	14.769	165	263119	20.293	ng		99
58) Fluorene	15.463	166	1004752	21.126	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	266423	20.493	ng		92
60) Diethylphthalate	15.245	149	1020737	21.107	ng		99
61) 4-Chlorophenyl-phenyle...	15.463	204	480887	20.921	ng		99
62) 4-Nitroaniline	15.463	138	210030	20.456	ng		98
63) Azobenzene	15.751	77	1019944	21.101	ng		97
65) 4,6-Dinitro-2-methylph...	15.528	198	138015	18.514	ng		97
66) n-Nitrosodiphenylamine	15.669	169	872651	20.349	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	293588	20.172	ng		99
68) Hexachlorobenzene	16.463	284	345929	20.343	ng		99
69) Atrazine	16.622	200	281360	20.591	ng		98
70) Pentachlorophenol	16.798	266	225494	20.396	ng		98
71) Phenanthrene	17.192	178	1583183	20.305	ng		99
72) Anthracene	17.286	178	1603637	20.560	ng		99
73) Carbazole	17.551	167	1450582	20.414	ng		99
74) Di-n-butylphthalate	18.133	149	1619797	20.950	ng		100
75) Fluoranthene	19.210	202	1679948	20.431	ng		99
77) Benzidine	19.392	184	704620	20.194	ng		99
78) Pyrene	19.569	202	1791963	21.427	ng		100
80) Butylbenzylphthalate	20.480	149	570581	20.453	ng		98
81) Benzo(a)anthracene	21.363	228	1610203	20.502	ng		100
82) 3,3'-Dichlorobenzidine	21.286	252	470294	19.636	ng		98
83) Chrysene	21.427	228	1519821	20.343	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	871329	20.277	ng		98
85) Di-n-octyl phthalate	22.457	149	1161953	18.223	ng		99
87) Indeno(1,2,3-cd)pyrene	27.739	276	1450383	19.472	ng	#	91
88) Benzo(b)fluoranthene	23.427	252	1393549	20.720	ng		99
89) Benzo(k)fluoranthene	23.492	252	1413975	20.594	ng		100
90) Benzo(a)pyrene	24.233	252	1284647	20.315	ng		98
91) Dibenzo(a,h)anthracene	27.809	278	1181274	19.538	ng		99
92) Benzo(g,h,i)perylene	28.791	276	1171360	19.358	ng		99

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

ICAL Form

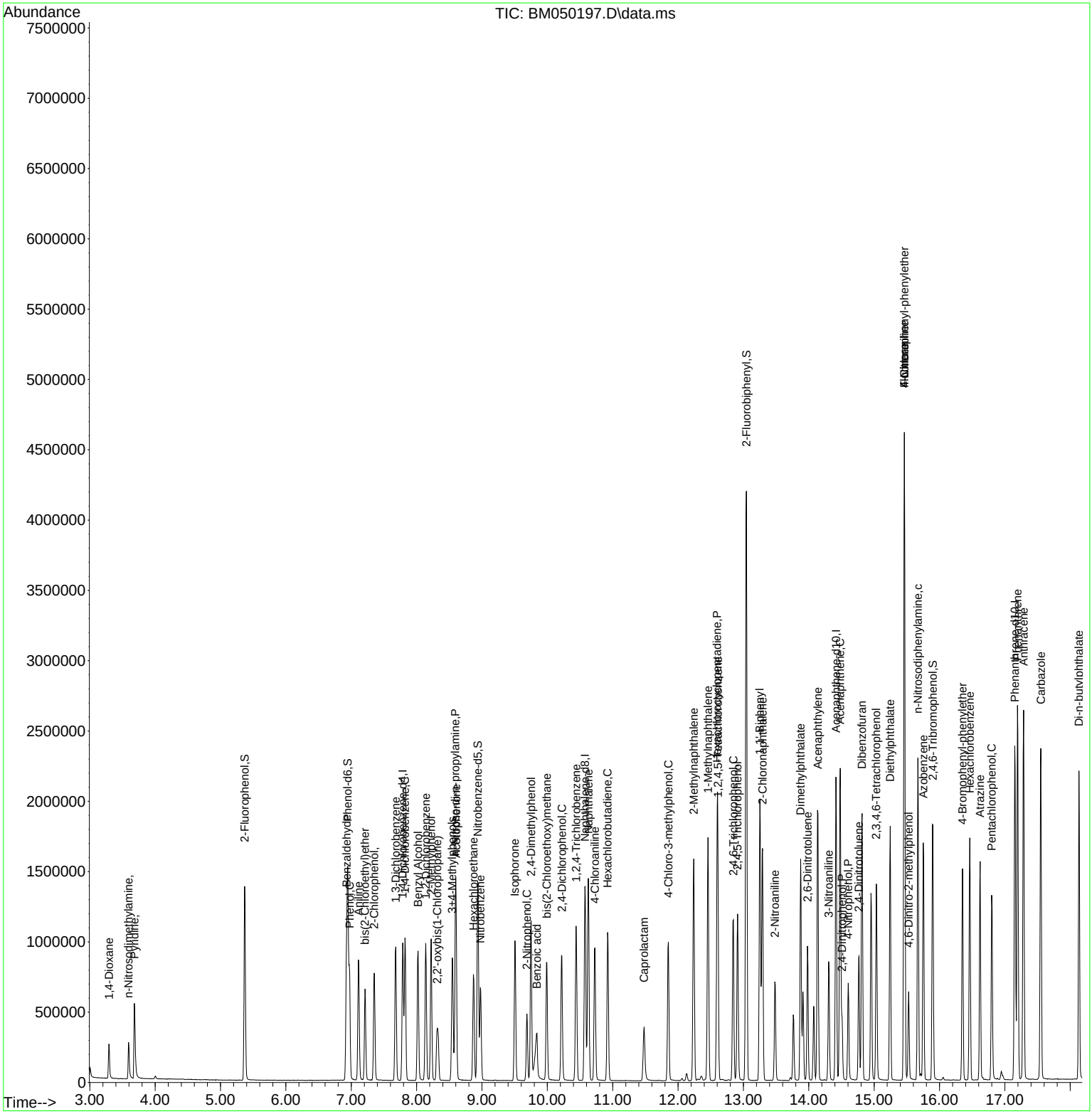
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050197.D
Acq On : 05 Jun 2025 11:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 05 14:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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



ICAL Form

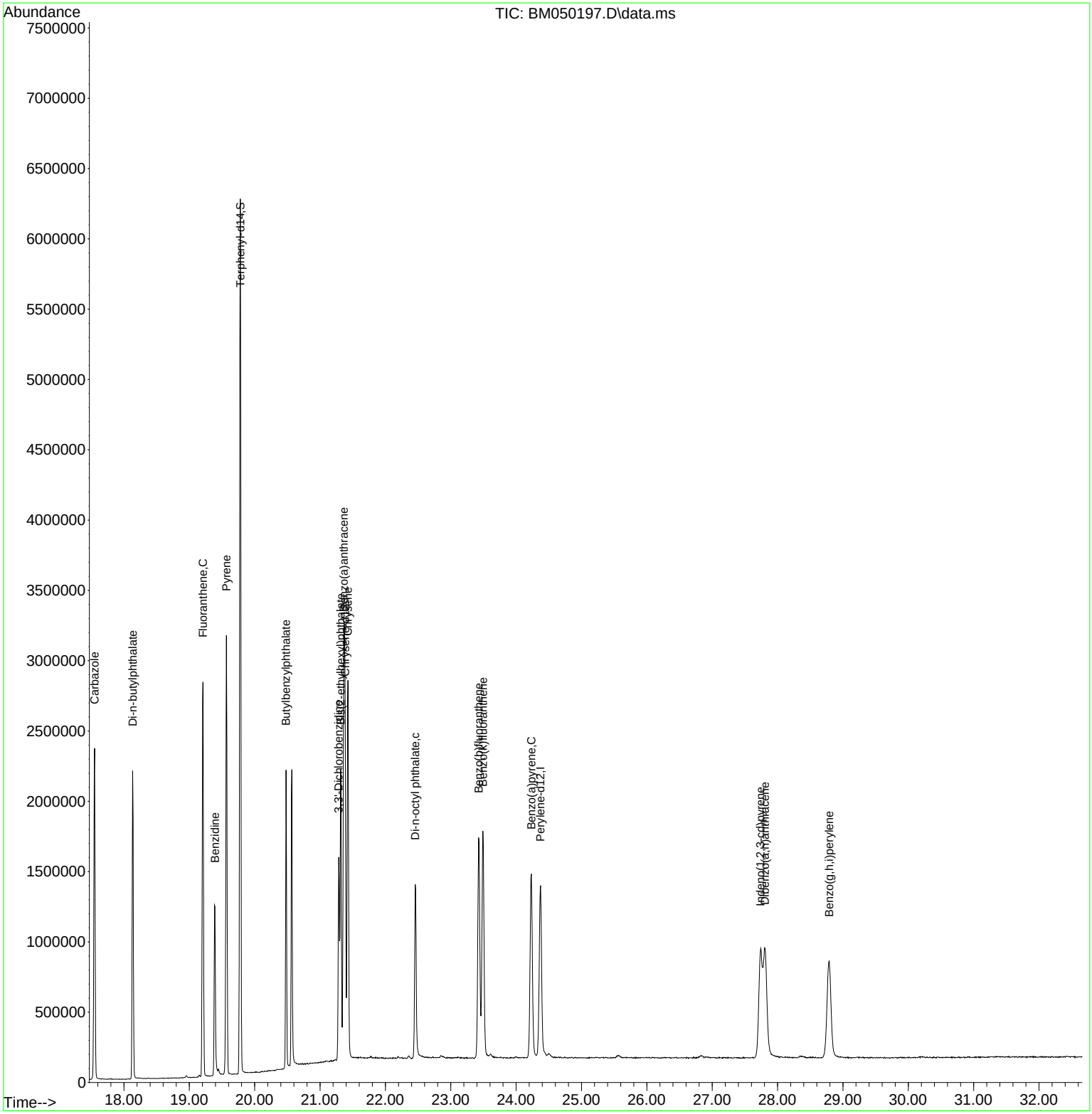
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050197.D
Acq On : 05 Jun 2025 11:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 05 14:58:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	308806	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1316349	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	819036	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1590674	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1484493	20.000	ng	0.00
86) Perylene-d12	24.374	264	1410376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1414880	76.431	ng	0.00
7) Phenol-d6	6.952	99	1932648	79.307	ng	0.00
23) Nitrobenzene-d5	8.940	82	1984901	78.422	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	756605	81.216	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4510866	74.564	ng	0.00
79) Terphenyl-d14	19.780	244	5997941	76.566	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	296051	36.484	ng	100
3) Pyridine	3.681	79	809743	38.534	ng	100
4) n-Nitrosodimethylamine	3.593	42	167736	38.601	ng	100
6) Aniline	7.116	93	1275182	39.583	ng	100
8) 2-Chlorophenol	7.352	128	799983	39.288	ng	100
9) Benzaldehyde	6.928	77	542319	35.003	ng	100
10) Phenol	6.975	94	1015393	39.380	ng	100
11) bis(2-Chloroethyl)ether	7.211	93	812045	39.155	ng	100
12) 1,3-Dichlorobenzene	7.681	146	871882	38.301	ng	100
13) 1,4-Dichlorobenzene	7.822	146	895582	37.813	ng	100
14) 1,2-Dichlorobenzene	8.140	146	865951	38.353	ng	100
15) Benzyl Alcohol	8.022	79	704555	40.536	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.322	45	561618	38.982	ng	100
17) 2-Methylphenol	8.222	107	684260	40.220	ng	100
18) Hexachloroethane	8.869	117	329145	38.374	ng	100
19) n-Nitroso-di-n-propyla...	8.599	70	618395	41.468	ng	100
20) 3+4-Methylphenols	8.552	107	932041	40.948	ng	100
22) Acetophenone	8.605	105	1252780	38.094	ng	100
24) Nitrobenzene	8.981	77	893607	38.820	ng	100
25) Isophorone	9.510	82	1735374	39.724	ng	100
26) 2-Nitrophenol	9.687	139	407943	41.055	ng	100
27) 2,4-Dimethylphenol	9.752	122	798142	39.057	ng	100
28) bis(2-Chloroethoxy)met...	9.993	93	1123606	39.371	ng	100
29) 2,4-Dichlorophenol	10.222	162	752942	39.853	ng	100
30) 1,2,4-Trichlorobenzene	10.440	180	803693	38.227	ng	100
31) Naphthalene	10.628	128	2571805	37.788	ng	100
32) Benzoic acid	9.875	122	538152	41.942	ng	100
33) 4-Chloroaniline	10.728	127	1139540	39.273	ng	100
34) Hexachlorobutadiene	10.922	225	480290	38.406	ng	100
35) Caprolactam	11.499	113	256391	42.805	ng	100
36) 4-Chloro-3-methylphenol	11.851	107	824664	40.906	ng	100
37) 2-Methylnaphthalene	12.240	142	1619990	39.456	ng	100
38) 1-Methylnaphthalene	12.457	142	1708673	39.210	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	886232	37.472	ng	100
41) Hexachlorocyclopentadiene	12.598	237	558871	38.910	ng	100
43) 2,4,6-Trichlorophenol	12.845	196	613571	39.450	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	678534	39.736	ng	100
46) 1,1'-Biphenyl	13.257	154	2299241	37.491	ng	100
47) 2-Chloronaphthalene	13.293	162	1775515	37.239	ng	100
48) 2-Nitroaniline	13.487	65	439212	41.860	ng	100
49) Acenaphthylene	14.140	152	2979847	38.640	ng	100
50) Dimethylphthalate	13.881	163	2200039	39.718	ng	100
51) 2,6-Dinitrotoluene	13.987	165	473177	42.359	ng	100
52) Acenaphthene	14.481	154	1854951	38.456	ng	100
53) 3-Nitroaniline	14.310	138	529333	42.518	ng	100
54) 2,4-Dinitrophenol	14.510	184	249778	37.659	ng	100
55) Dibenzofuran	14.816	168	2721863	38.571	ng	100
56) 4-Nitrophenol	14.610	139	449268	42.399	ng	100
57) 2,4-Dinitrotoluene	14.769	165	648297	43.996	ng	100
58) Fluorene	15.463	166	2075880	38.407	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	597496m	40.441	ng	
60) Diethylphthalate	15.245	149	2205514	40.130	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	1001298	38.331	ng	100
62) 4-Nitroaniline	15.475	138	503785	43.174	ng	100
63) Azobenzene	15.757	77	2151453	39.165	ng	100
65) 4,6-Dinitro-2-methylph...	15.534	198	353237	40.658	ng	100
66) n-Nitrosodiphenylamine	15.675	169	1888442	37.784	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	648140	38.210	ng	100
68) Hexachlorobenzene	16.463	284	755736	38.133	ng	100
69) Atrazine	16.622	200	654294	41.086	ng	100
70) Pentachlorophenol	16.804	266	520982	40.433	ng	100
71) Phenanthrene	17.198	178	3406564	37.488	ng	100
72) Anthracene	17.286	178	3455118	38.008	ng	100
73) Carbazole	17.551	167	3209816	38.758	ng	100
74) Di-n-butylphthalate	18.133	149	3688687	40.935	ng	100
75) Fluoranthene	19.210	202	3748435	39.116	ng	100
77) Benzidine	19.392	184	1831158	43.865	ng	100
78) Pyrene	19.569	202	3930978	39.288	ng	100
80) Butylbenzylphthalate	20.480	149	1455291	43.604	ng	100
81) Benzo(a)anthracene	21.368	228	3616438	38.488	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	1232348	43.008	ng	100
83) Chrysene	21.427	228	3415842	38.218	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2198448	42.764	ng	100
85) Di-n-octyl phthalate	22.462	149	3308886	43.375	ng	100
87) Indeno(1,2,3-cd)pyrene	27.756	276	3359194	36.991	ng	100
88) Benzo(b)fluoranthene	23.433	252	3299020	40.232	ng	100
89) Benzo(k)fluoranthene	23.498	252	3292030	39.327	ng	100
90) Benzo(a)pyrene	24.239	252	3048619	39.542	ng	100
91) Dibenzo(a,h)anthracene	27.821	278	2740891	37.184	ng	100
92) Benzo(g,h,i)perylene	28.797	276	2690355	36.467	ng	100

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

ICAL Form

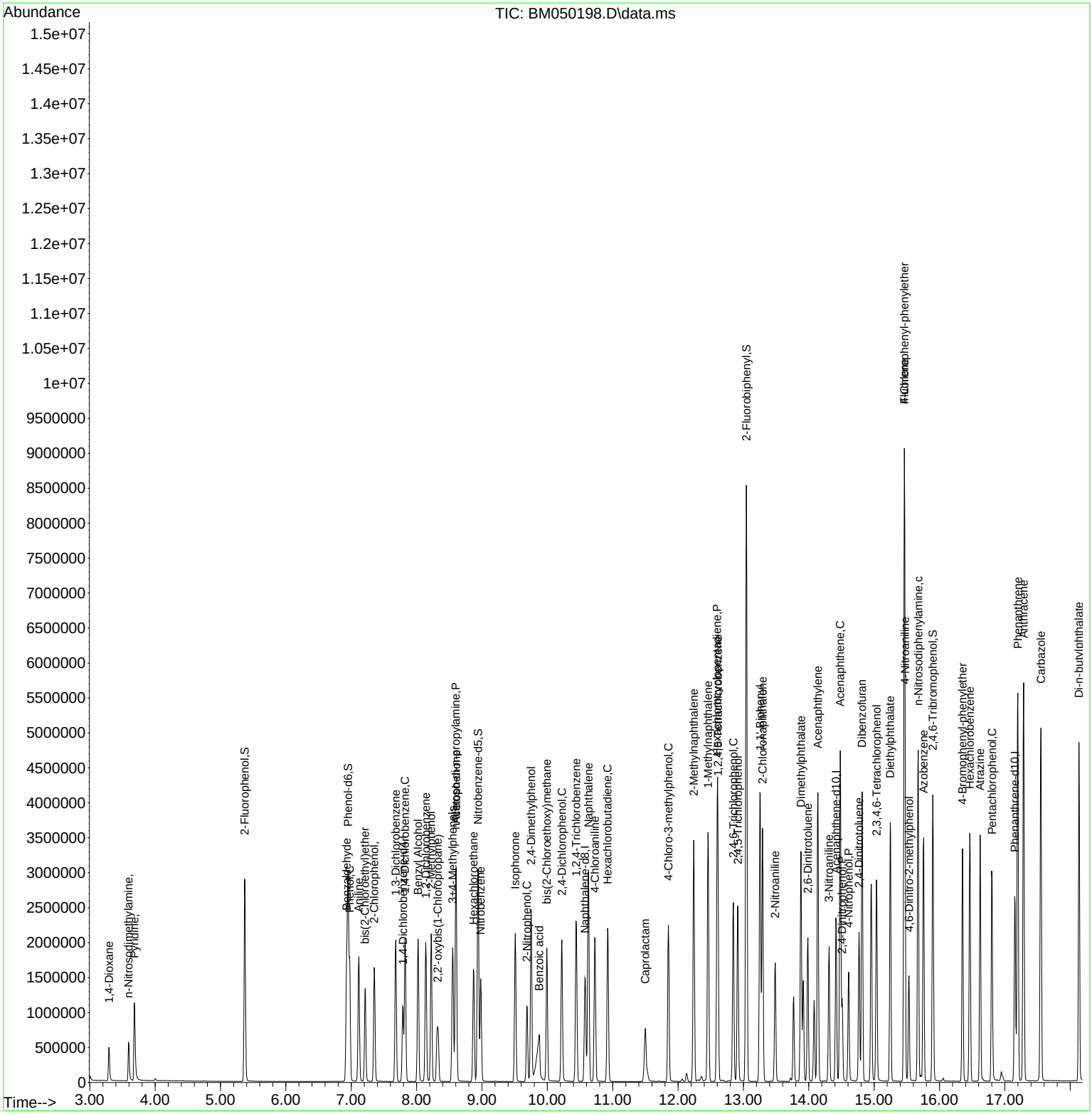
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



ICAL Form

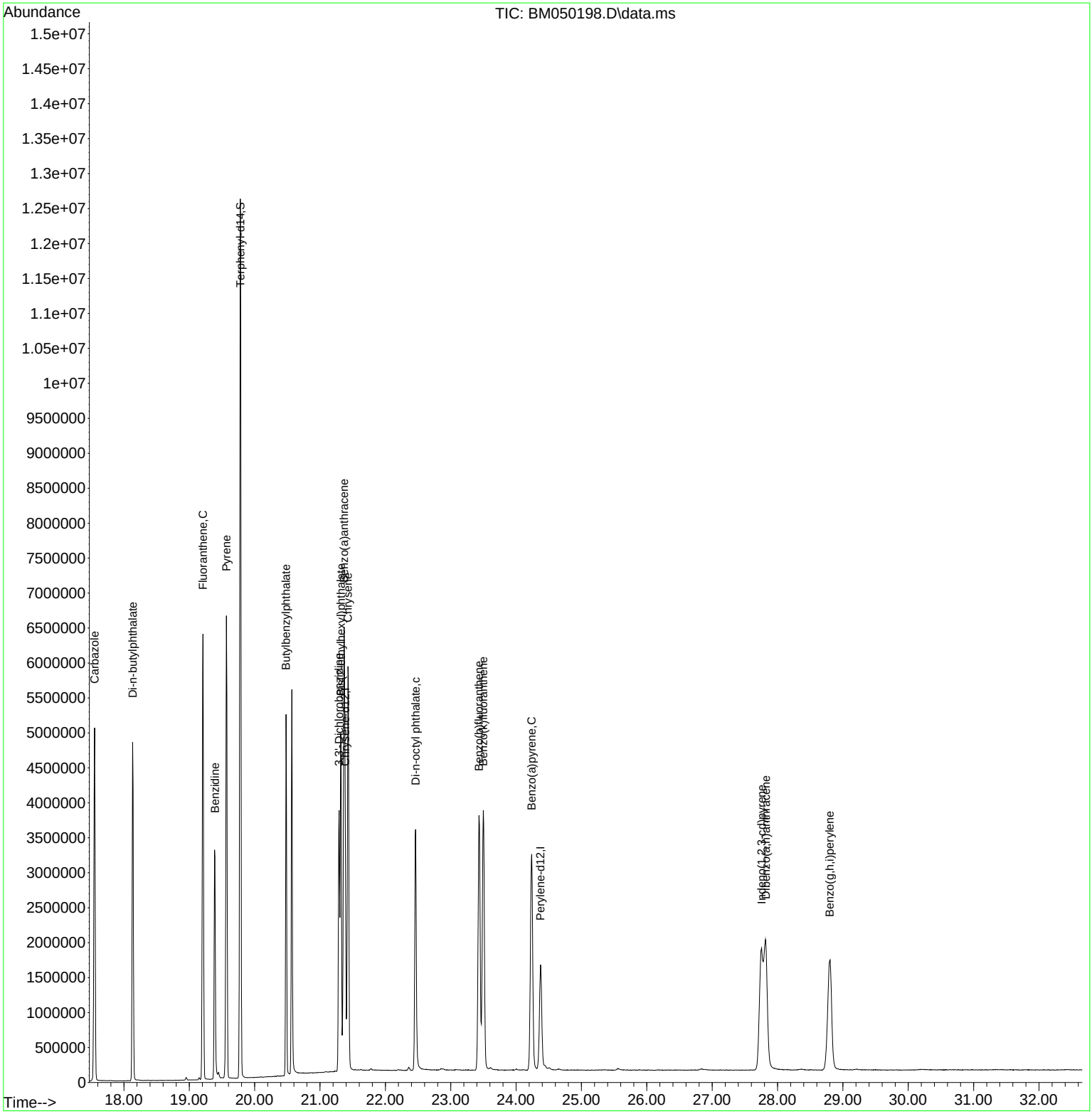
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050198.D
Acq On : 05 Jun 2025 11:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 05 14:58:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050199.D
Acq On : 05 Jun 2025 12:36
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jun 05 14:59:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	291057	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1245308	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	784298	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1523841	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1446151	20.000	ng	0.00
86) Perylene-d12	24.374	264	1421732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1802037	103.281	ng	0.00
7) Phenol-d6	6.951	99	2472934	107.666	ng	0.00
23) Nitrobenzene-d5	8.939	82	2579483	107.728	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	994114	111.437	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	5738887	99.064	ng	0.00
79) Terphenyl-d14	19.786	244	7692376	100.800	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	371991	48.638	ng	100
3) Pyridine	3.681	79	1036652	52.340	ng	98
4) n-Nitrosodimethylamine	3.593	42	215821	52.696	ng	95
6) Aniline	7.116	93	1637124	53.917	ng	100
8) 2-Chlorophenol	7.351	128	1032007	53.773	ng	99
9) Benzaldehyde	6.928	77	709626	48.594	ng	99
10) Phenol	6.981	94	1296462	53.347	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	1039221	53.164	ng	98
12) 1,3-Dichlorobenzene	7.681	146	1124523	52.412	ng	100
13) 1,4-Dichlorobenzene	7.822	146	1157927	51.870	ng	100
14) 1,2-Dichlorobenzene	8.140	146	1120717	52.663	ng	99
15) Benzyl Alcohol	8.022	79	921887	56.274	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	711769	52.417	ng	99
17) 2-Methylphenol	8.222	107	878183	54.767	ng	100
18) Hexachloroethane	8.869	117	431469	53.371	ng	99
19) n-Nitroso-di-n-propyla...	8.598	70	797673	56.751	ng	100
20) 3+4-Methylphenols	8.551	107	1208370	56.326	ng	98
22) Acetophenone	8.604	105	1616196	51.949	ng	99
24) Nitrobenzene	8.981	77	1151898	52.895	ng	99
25) Isophorone	9.510	82	2280770	55.187	ng	100
26) 2-Nitrophenol	9.692	139	552994	58.828	ng	98
27) 2,4-Dimethylphenol	9.751	122	1034501	53.511	ng	100
28) bis(2-Chloroethoxy)met...	9.992	93	1463553	54.208	ng	99
29) 2,4-Dichlorophenol	10.222	162	991973	55.499	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	1048864	52.734	ng	98
31) Naphthalene	10.628	128	3303529	51.309	ng	100
32) Benzoic acid	9.892	122	725550	59.774	ng	99
33) 4-Chloroaniline	10.728	127	1484906	54.095	ng	99
34) Hexachlorobutadiene	10.928	225	629209	53.185	ng	99
35) Caprolactam	11.510	113	348835	61.561	ng	98
36) 4-Chloro-3-methylphenol	11.857	107	1081009	56.680	ng	100
37) 2-Methylnaphthalene	12.239	142	2112994	54.400	ng	98
38) 1-Methylnaphthalene	12.463	142	2223932	53.945	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1155693	51.030	ng	100
41) Hexachlorocyclopentadiene	12.598	237	749110	54.466	ng	98
43) 2,4,6-Trichlorophenol	12.845	196	810794	54.440	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050199.D
Acq On : 05 Jun 2025 12:36
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jun 05 14:59:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

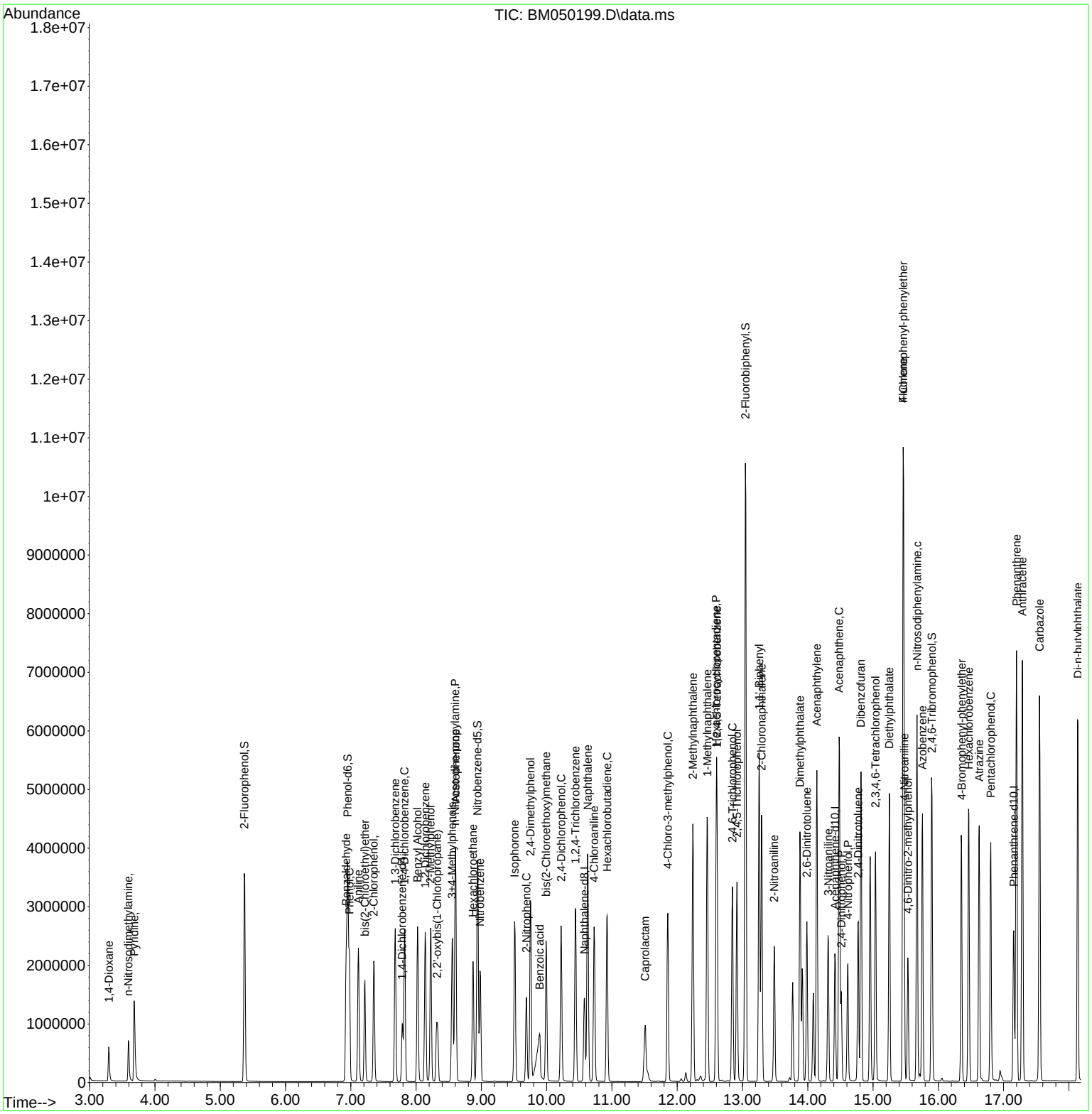
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	896452	54.822	ng	100
46) 1,1'-Biphenyl	13.257	154	2992234	50.951	ng	99
47) 2-Chloronaphthalene	13.292	162	2296762	50.305	ng	99
48) 2-Nitroaniline	13.486	65	591382	58.859	ng	99
49) Acenaphthylene	14.139	152	3878499	52.521	ng	100
50) Dimethylphthalate	13.880	163	2890771	54.500	ng	100
51) 2,6-Dinitrotoluene	13.986	165	627879	58.698	ng	97
52) Acenaphthene	14.480	154	2406891	52.109	ng	99
53) 3-Nitroaniline	14.316	138	706323	59.247	ng	98
54) 2,4-Dinitrophenol	14.516	184	350975	54.263	ng	91
55) Dibenzofuran	14.816	168	3522761	52.131	ng	100
56) 4-Nitrophenol	14.616	139	601906	59.319	ng	98
57) 2,4-Dinitrotoluene	14.774	165	876137	62.091	ng	97
58) Fluorene	15.463	166	2643113	51.068	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	786725	55.608	ng	92
60) Diethylphthalate	15.251	149	2921964	55.521	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1293938	51.728	ng	99
62) 4-Nitroaniline	15.480	138	669832	59.947	ng	99
63) Azobenzene	15.757	77	2829707	53.794	ng	99
65) 4,6-Dinitro-2-methylph...	15.533	198	487410	58.562	ng	98
66) n-Nitrosodiphenylamine	15.674	169	2459825	51.375	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	868132	53.423	ng	97
68) Hexachlorobenzene	16.468	284	993147	52.310	ng	96
69) Atrazine	16.627	200	878900	57.610	ng	100
70) Pentachlorophenol	16.804	266	711985	57.680	ng	100
71) Phenanthrene	17.198	178	4421661	50.793	ng	100
72) Anthracene	17.286	178	4499098	51.663	ng	99
73) Carbazole	17.551	167	4203693	52.985	ng	100
74) Di-n-butylphthalate	18.139	149	4951541	57.359	ng	100
75) Fluoranthene	19.209	202	4957680	54.004	ng	99
77) Benzidine	19.392	184	2489372	61.214	ng	100
78) Pyrene	19.568	202	5143501	52.769	ng	99
80) Butylbenzylphthalate	20.486	149	2036123	62.625	ng	98
81) Benzo(a)anthracene	21.368	228	4836514	52.838	ng	99
82) 3,3'-Dichlorobenzidine	21.292	252	1721840	61.684	ng	99
83) Chrysene	21.433	228	4540308	52.145	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	3074950	61.400	ng	100
85) Di-n-octyl phthalate	22.462	149	4912405	66.103	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	4685372	51.183	ng	100
88) Benzo(b)fluoranthene	23.439	252	4510196	54.563	ng	99
89) Benzo(k)fluoranthene	23.503	252	4604565	54.567	ng	99
90) Benzo(a)pyrene	24.238	252	4255236	54.752	ng	100
91) Dibenzo(a,h)anthracene	27.821	278	3820009	51.410	ng	100
92) Benzo(g,h,i)perylene	28.803	276	3684864	49.548	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050199.D
Acq On : 05 Jun 2025 12:36
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

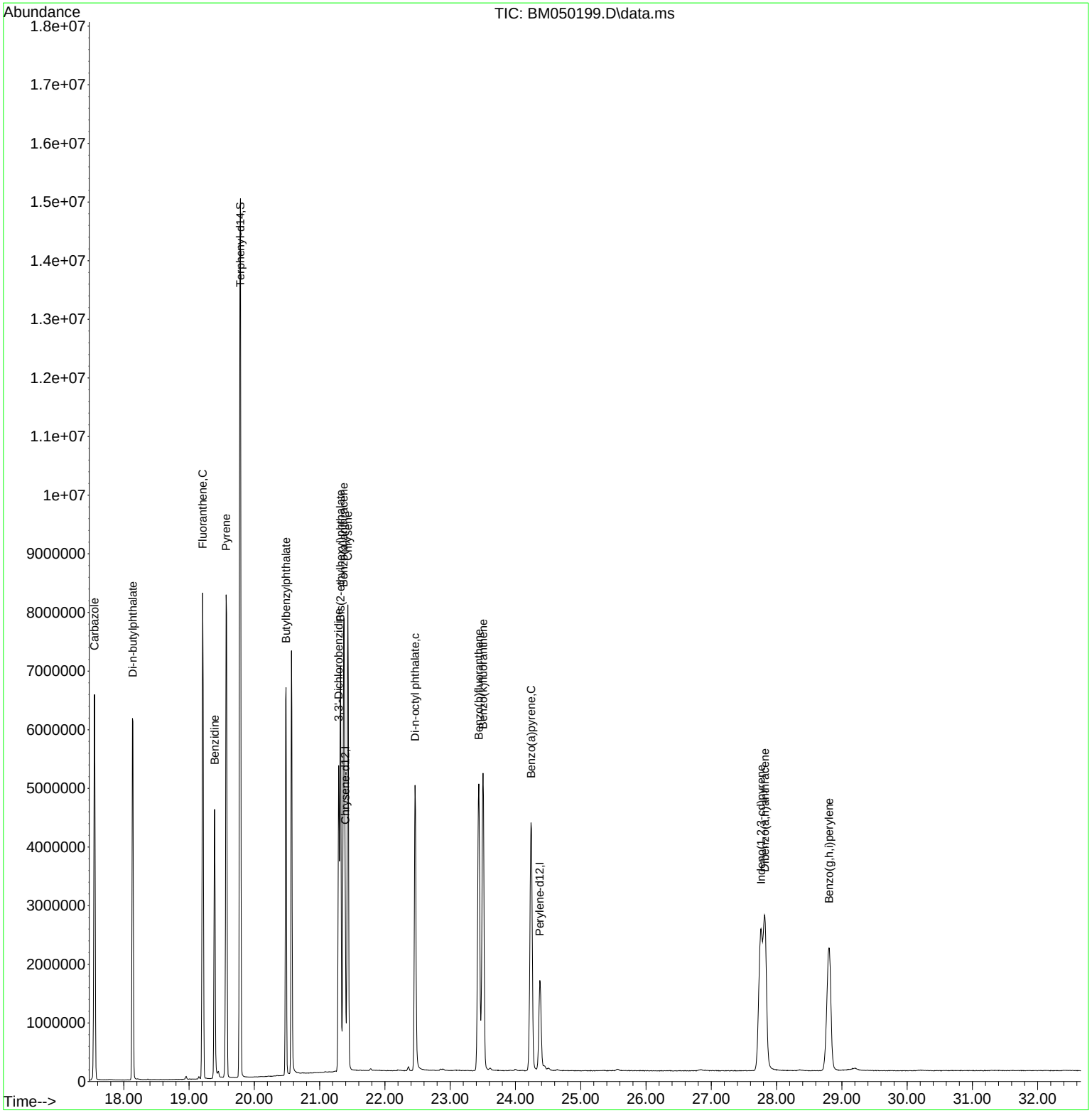
Quant Time: Jun 05 14:59:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050199.D
Acq On : 05 Jun 2025 12:36
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jun 05 14:59:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050200.D
Acq On : 05 Jun 2025 13:16
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jun 05 14:59:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	258988	20.000	ng	0.00
21) Naphthalene-d8	10.580	136	988400	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	551586	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	997337	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1056136	20.000	ng	0.00
86) Perylene-d12	24.374	264	1194662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1901282	122.462	ng	0.00
7) Phenol-d6	6.951	99	2424424	118.624	ng	0.00
23) Nitrobenzene-d5	8.939	82	2406327	126.617	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	772080	123.062	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	4898196	120.225	ng	0.00
79) Terphenyl-d14	19.780	244	6053045	108.610	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	416291	61.170	ng	99
3) Pyridine	3.681	79	1079098	61.229	ng	100
4) n-Nitrosodimethylamine	3.599	42	227764	62.498	ng	99
6) Aniline	7.116	93	1603778	59.359	ng	100
8) 2-Chlorophenol	7.357	128	1039425	60.866	ng	98
9) Benzaldehyde	6.928	77	624366	48.050	ng	99
10) Phenol	6.981	94	1271828	58.814	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	1006488	57.865	ng	98
12) 1,3-Dichlorobenzene	7.681	146	1154067	60.449	ng	99
13) 1,4-Dichlorobenzene	7.828	146	1184887	59.650	ng	99
14) 1,2-Dichlorobenzene	8.139	146	1126847	59.508	ng	100
15) Benzyl Alcohol	8.022	79	856127	58.731	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	670877	55.523	ng	98
17) 2-Methylphenol	8.222	107	836890	58.654	ng	100
18) Hexachloroethane	8.875	117	434277	60.370	ng	97
19) n-Nitroso-di-n-propyla...	8.598	70	703599	56.257	ng	99
20) 3+4-Methylphenols	8.551	107	1116126	58.468	ng	99
22) Acetophenone	8.604	105	1467978	59.449	ng	99
24) Nitrobenzene	8.981	77	1077660	62.349	ng	99
25) Isophorone	9.510	82	1934777	58.984	ng	100
26) 2-Nitrophenol	9.692	139	502043	67.289	ng	98
27) 2,4-Dimethylphenol	9.751	122	927674	60.457	ng	98
28) bis(2-Chloroethoxy)met...	9.992	93	1280678	59.764	ng	99
29) 2,4-Dichlorophenol	10.222	162	889620	62.710	ng	100
30) 1,2,4-Trichlorobenzene	10.439	180	977963	61.950	ng	99
31) Naphthalene	10.628	128	3038415	59.457	ng	100
32) Benzoic acid	9.881	122	624735	64.846	ng	98
33) 4-Chloroaniline	10.728	127	1304717	59.885	ng	100
34) Hexachlorobutadiene	10.928	225	584323	62.229	ng	99
35) Caprolactam	11.504	113	271534	60.374	ng	99
36) 4-Chloro-3-methylphenol	11.851	107	896859	59.248	ng	99
37) 2-Methylnaphthalene	12.239	142	1834221	59.497	ng	98
38) 1-Methylnaphthalene	12.457	142	1922042	58.741	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1003997	63.035	ng	99
41) Hexachlorocyclopentadiene	12.598	237	663873	68.632	ng	97
43) 2,4,6-Trichlorophenol	12.845	196	665409	63.528	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050200.D
Acq On : 05 Jun 2025 13:16
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jun 05 14:59:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	730617	63.531	ng		98
46) 1,1'-Biphenyl	13.257	154	2494729	60.402	ng		100
47) 2-Chloronaphthalene	13.292	162	1947861	60.663	ng		100
48) 2-Nitroaniline	13.486	65	479127	67.806	ng		98
49) Acenaphthylene	14.139	152	3183780	61.302	ng		100
50) Dimethylphthalate	13.880	163	2224786	59.640	ng		100
51) 2,6-Dinitrotoluene	13.986	165	490781	65.238	ng		99
52) Acenaphthene	14.480	154	1953486	60.136	ng		99
53) 3-Nitroaniline	14.310	138	555944	66.308	ng		100
54) 2,4-Dinitrophenol	14.516	184	265588	58.459	ng		92
55) Dibenzofuran	14.816	168	2844670	59.857	ng		100
56) 4-Nitrophenol	14.610	139	477024	66.846	ng		98
57) 2,4-Dinitrotoluene	14.768	165	659402	66.447	ng		99
58) Fluorene	15.463	166	2133522	58.613	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	614431	61.752	ng		93
60) Diethylphthalate	15.251	149	2180022	58.899	ng		99
61) 4-Chlorophenyl-phenyle...	15.463	204	1031087	58.610	ng		99
62) 4-Nitroaniline	15.474	138	528186	67.214	ng		99
63) Azobenzene	15.757	77	2177933	58.871	ng		99
65) 4,6-Dinitro-2-methylph...	15.533	198	359804	66.052	ng		97
66) n-Nitrosodiphenylamine	15.674	169	1911910	61.011	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	649254	61.046	ng		99
68) Hexachlorobenzene	16.462	284	761552	61.287	ng		99
69) Atrazine	16.621	200	634737	63.570	ng		98
70) Pentachlorophenol	16.804	266	528095	65.368	ng		99
71) Phenanthrene	17.198	178	3421380	60.051	ng		100
72) Anthracene	17.286	178	3485282	61.148	ng		100
73) Carbazole	17.551	167	3246806	62.528	ng		100
74) Di-n-butylphthalate	18.133	149	3550989	62.851	ng		100
75) Fluoranthene	19.209	202	3841414	63.934	ng		100
77) Benzidine	19.392	184	1902050	64.043	ng		100
78) Pyrene	19.568	202	4035214	56.687	ng		100
80) Butylbenzylphthalate	20.480	149	1522384	64.115	ng		97
81) Benzo(a)anthracene	21.368	228	4055461	60.666	ng		100
82) 3,3'-Dichlorobenzidine	21.292	252	1424421	69.874	ng		100
83) Chrysene	21.433	228	3854906	60.623	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	2349225	64.231	ng		100
85) Di-n-octyl phthalate	22.462	149	3946065	72.708	ng		100
87) Indeno(1,2,3-cd)pyrene	27.762	276	5275171	68.579	ng	#	92
88) Benzo(b)fluoranthene	23.433	252	4222358	60.790	ng		99
89) Benzo(k)fluoranthene	23.503	252	4265446	60.156	ng		100
90) Benzo(a)pyrene	24.238	252	4132525	63.280	ng		100
91) Dibenzo(a,h)anthracene	27.821	278	4258292	68.201	ng		99
92) Benzo(g,h,i)perylene	28.809	276	4279836	68.486	ng		100

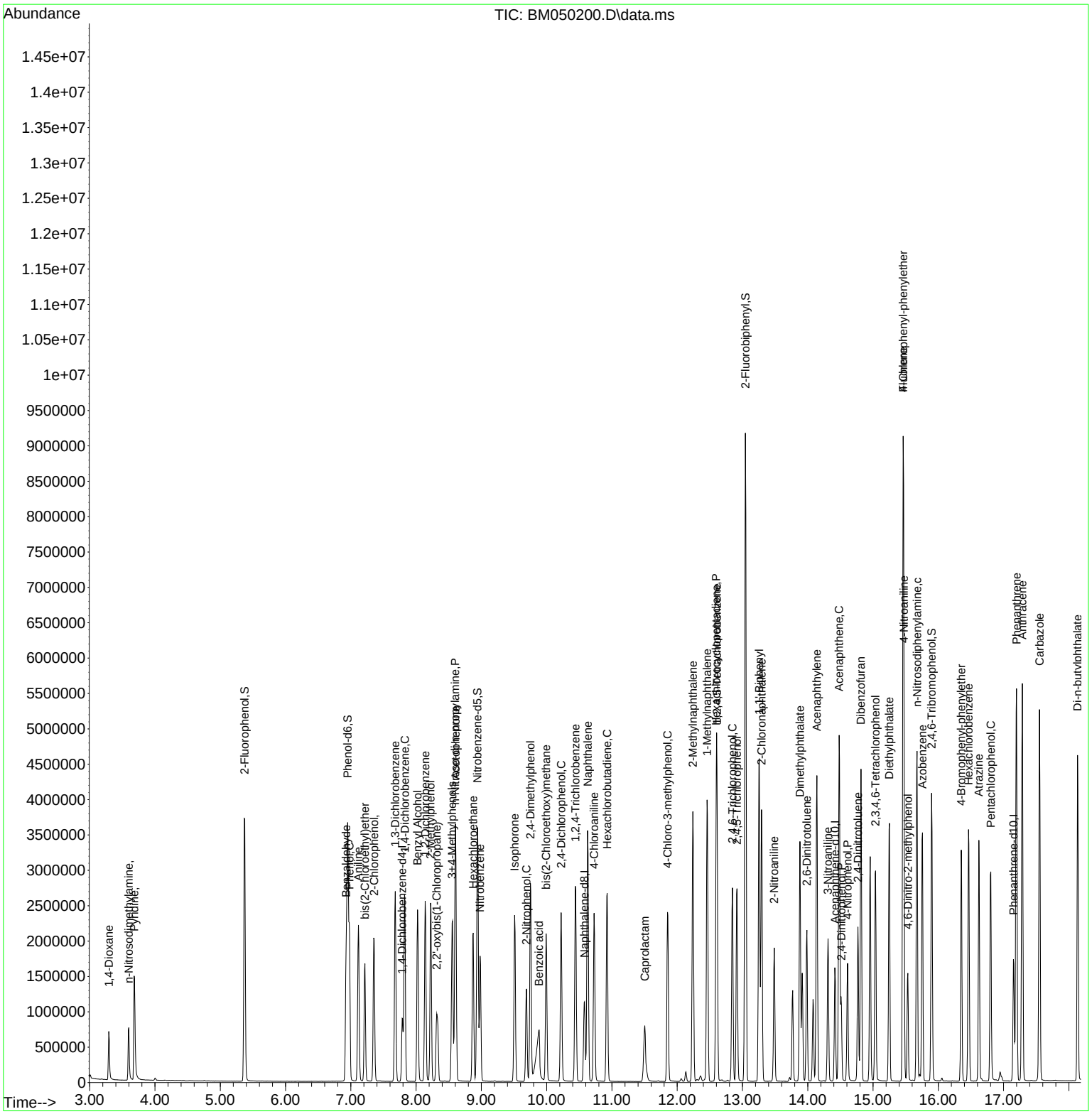
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050200.D
Acq On : 05 Jun 2025 13:16
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

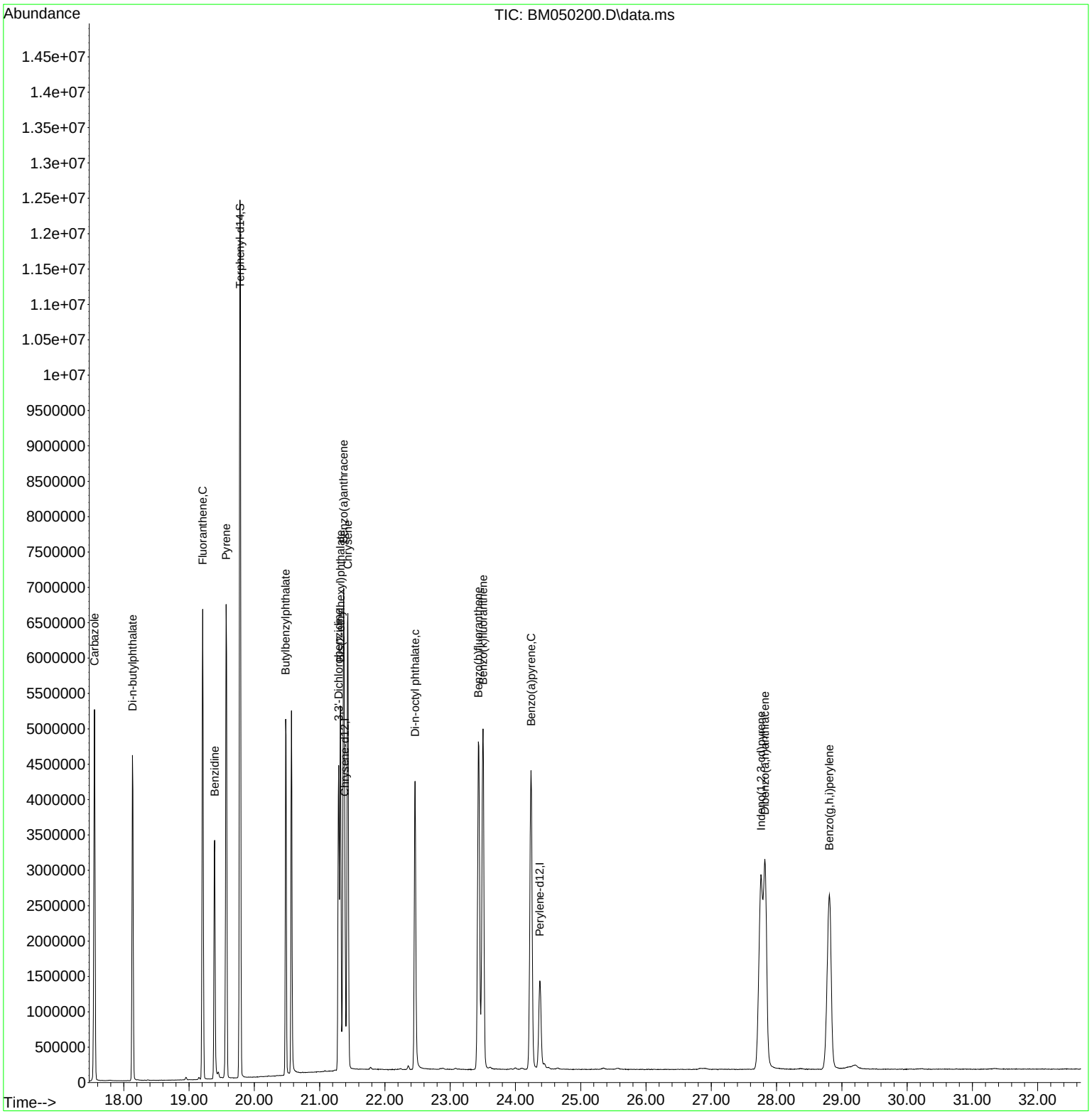
Quant Time: Jun 05 14:59:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050200.D
Acq On : 05 Jun 2025 13:16
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jun 05 14:59:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050201.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jun 05 14:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	291644	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1166744	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	653677	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1121619	20.000	ng	0.00
76) Chrysene-d12	21.386	240	978835	20.000	ng	0.00
86) Perylene-d12	24.374	264	1062363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2682374	153.426	ng	0.00
7) Phenol-d6	6.957	99	3537202	153.692	ng	0.00
23) Nitrobenzene-d5	8.945	82	3567235	159.011	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1121188	150.796	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	7130886	147.690	ng	0.00
79) Terphenyl-d14	19.786	244	7496313	145.128	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	568907	74.235	ng	99
3) Pyridine	3.681	79	1547303	77.965	ng	99
4) n-Nitrosodimethylamine	3.599	42	329339	80.251	ng	97
6) Aniline	7.122	93	2369250	77.871	ng	100
8) 2-Chlorophenol	7.357	128	1502113	78.110	ng	98
10) Phenol	6.981	94	1866613	76.653	ng	100
11) bis(2-Chloroethyl)ether	7.216	93	1480567	75.590	ng	98
12) 1,3-Dichlorobenzene	7.681	146	1643168	76.431	ng	99
13) 1,4-Dichlorobenzene	7.828	146	1685110	75.334	ng	100
14) 1,2-Dichlorobenzene	8.140	146	1624137	76.165	ng	99
15) Benzyl Alcohol	8.028	79	1284953	78.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	986129	72.476	ng	98
17) 2-Methylphenol	8.228	107	1245706	77.530	ng	100
18) Hexachloroethane	8.869	117	633589	78.215	ng	99
19) n-Nitroso-di-n-propyla...	8.604	70	1065330	75.641	ng	98
20) 3+4-Methylphenols	8.557	107	1677940	78.056	ng	100
22) Acetophenone	8.610	105	2192477	75.217	ng	100
24) Nitrobenzene	8.987	77	1617938	79.299	ng	99
25) Isophorone	9.516	82	3013669	77.831	ng	100
26) 2-Nitrophenol	9.692	139	788577	89.538	ng	98
27) 2,4-Dimethylphenol	9.757	122	1396376	77.093	ng	98
28) bis(2-Chloroethoxy)met...	9.998	93	1960708	77.513	ng	100
29) 2,4-Dichlorophenol	10.228	162	1350619	80.653	ng	99
30) 1,2,4-Trichlorobenzene	10.445	180	1456329	78.151	ng	100
31) Naphthalene	10.628	128	4521397	74.953	ng	100
32) Benzoic acid	9.916	122	1021552	89.827	ng	99
33) 4-Chloroaniline	10.734	127	1968786	76.553	ng	99
34) Hexachlorobutadiene	10.928	225	876137	79.043	ng	100
35) Caprolactam	11.522	113	417728	78.683	ng	97
36) 4-Chloro-3-methylphenol	11.857	107	1393503	77.985	ng	99
37) 2-Methylnaphthalene	12.239	142	2773230	76.205	ng	99
38) 1-Methylnaphthalene	12.463	142	2903763	75.179	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1499750	79.455	ng	100
41) Hexachlorocyclopentadiene	12.598	237	1024557	89.378	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	1035769	83.443	ng	100
44) 2,4,5-Trichlorophenol	12.916	196	1122919	82.394	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050201.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jun 05 14:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.257	154	3756723	76.752	ng	99
47) 2-Chloronaphthalene	13.292	162	2936913	77.180	ng	99
48) 2-Nitroaniline	13.486	65	725090	86.588	ng	98
49) Acenaphthylene	14.139	152	4768813	77.481	ng	100
50) Dimethylphthalate	13.886	163	3356061	75.915	ng	100
51) 2,6-Dinitrotoluene	13.986	165	743566	83.403	ng	98
52) Acenaphthene	14.486	154	2945563	76.514	ng	99
53) 3-Nitroaniline	14.316	138	820084	82.536	ng	98
54) 2,4-Dinitrophenol	14.516	184	419557	79.818	ng	95
55) Dibenzofuran	14.816	168	4229270	75.092	ng	99
56) 4-Nitrophenol	14.616	139	684831	80.978	ng	97
57) 2,4-Dinitrotoluene	14.774	165	994115	84.530	ng	97
58) Fluorene	15.463	166	3057322	70.874	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.039	232	915334	77.626	ng	93
60) Diethylphthalate	15.251	149	3236518	73.786	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1497395	71.823	ng	98
62) 4-Nitroaniline	15.480	138	746446	80.153	ng	99
63) Azobenzene	15.757	77	3216935	73.375	ng	99
65) 4,6-Dinitro-2-methylph...	15.533	198	540790	88.276	ng	98
66) n-Nitrosodiphenylamine	15.674	169	2805368	79.603	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	977940	81.762	ng	97
68) Hexachlorobenzene	16.468	284	1117623	79.976	ng	97
69) Atrazine	16.627	200	913622	81.362	ng	99
70) Pentachlorophenol	16.804	266	766580	84.374	ng	99
71) Phenanthrene	17.198	178	4793533	74.812	ng	100
72) Anthracene	17.286	178	4900912	76.458	ng	99
73) Carbazole	17.551	167	4417127	75.641	ng	100
74) Di-n-butylphthalate	18.133	149	4904225	77.184	ng	100
75) Fluoranthene	19.209	202	5027290	74.400	ng	99
77) Benzidine	19.392	184	2034794	73.924	ng	100
78) Pyrene	19.568	202	5224283	79.187	ng	99
80) Butylbenzylphthalate	20.480	149	1897236	86.212	ng	98
81) Benzo(a)anthracene	21.368	228	4797580	77.435	ng	99
82) 3,3'-Dichlorobenzidine	21.292	252	1627542	86.143	ng	100
83) Chrysene	21.433	228	4547461	77.162	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2796211	82.490	ng	99
85) Di-n-octyl phthalate	22.462	149	4575834	90.971	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	5980793	87.435	ng	100
88) Benzo(b)fluoranthene	23.439	252	4811379	77.897	ng	99
89) Benzo(k)fluoranthene	23.503	252	4862610	77.118	ng	100
90) Benzo(a)pyrene	24.239	252	4719647	81.270	ng	100
91) Dibenzo(a,h)anthracene	27.821	278	4849919	87.349	ng	99
92) Benzo(g,h,i)perylene	28.815	276	4870648	87.646	ng	99

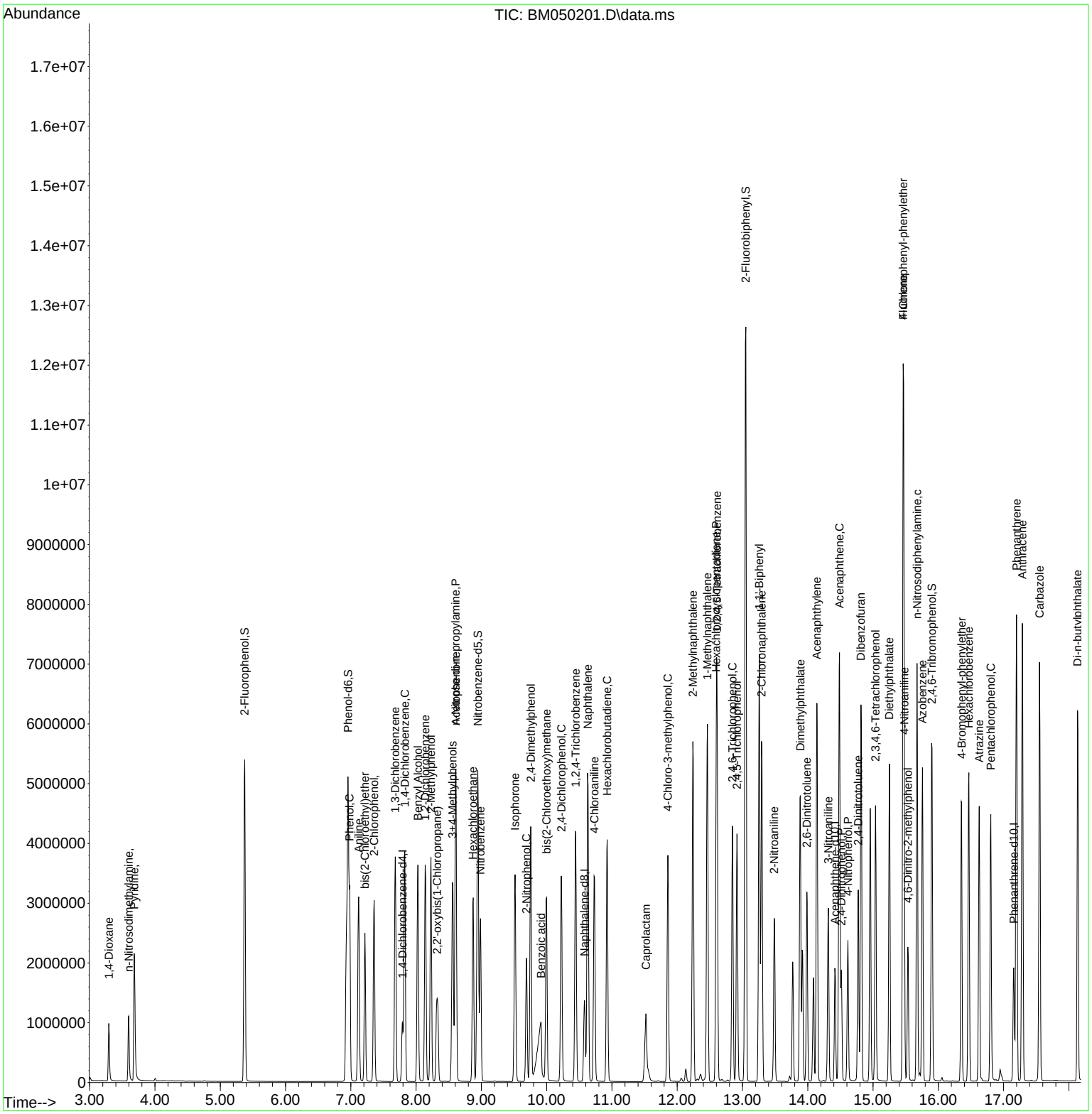
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050201.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jun 05 14:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

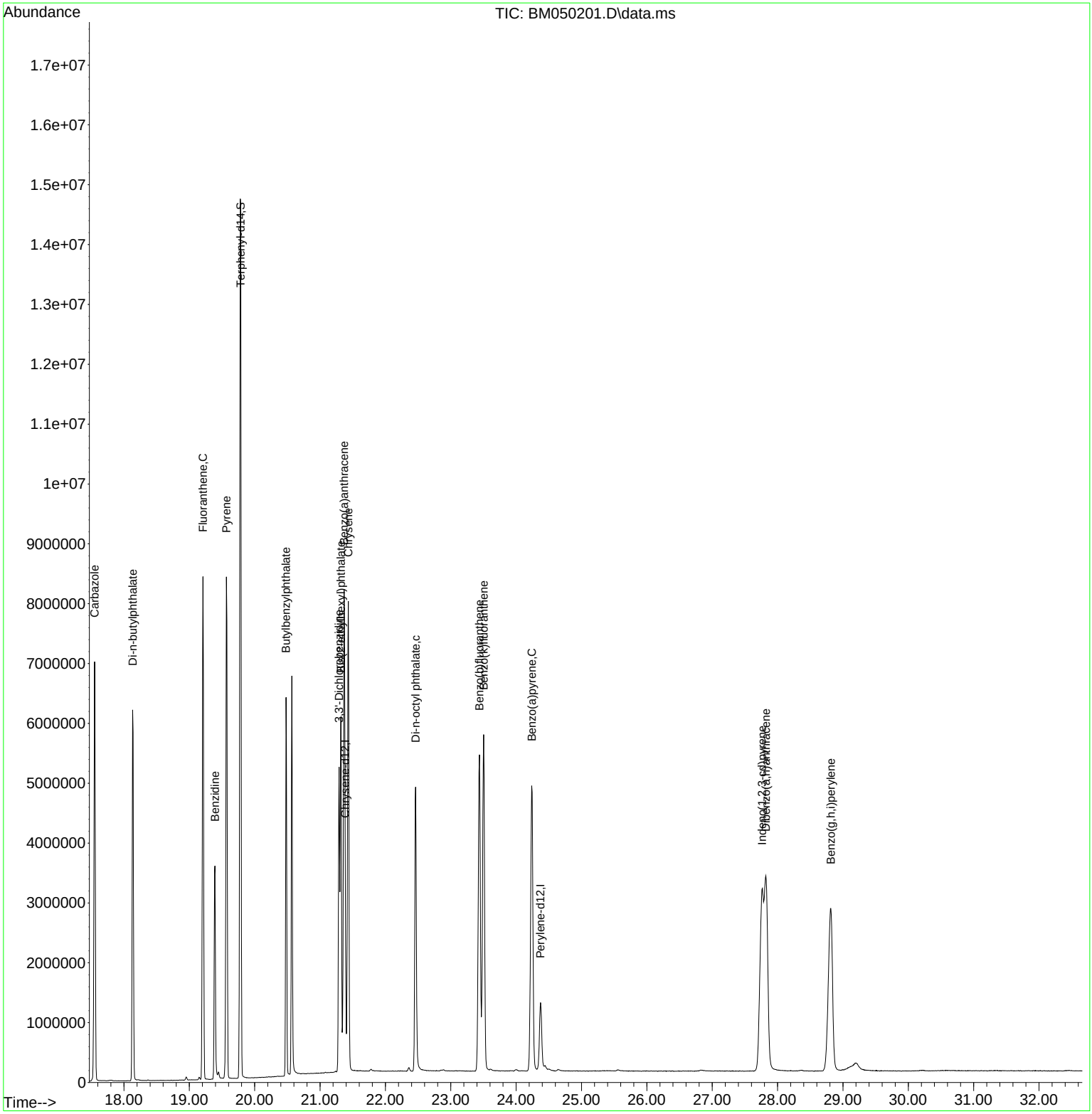


ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050201.D
Acq On : 05 Jun 2025 13:56
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jun 05 14:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	318987	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1345797	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	824451	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1474581	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1199833	20.000	ng	0.00
86) Perylene-d12	24.374	264	1188981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1363817	71.321	ng	0.00
7) Phenol-d6	6.951	99	1828950	72.656	ng	0.00
23) Nitrobenzene-d5	8.940	82	1707276	65.977	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	671004	71.554	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	3838077	63.026	ng	0.00
79) Terphenyl-d14	19.780	244	4364574	68.934	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	285619	34.075	ng	98
3) Pyridine	3.681	79	807832	37.216	ng	99
4) n-Nitrosodimethylamine	3.593	42	171804	38.276	ng	95
6) Aniline	7.116	93	1270681	38.184	ng	99
8) 2-Chlorophenol	7.351	128	812307	38.620	ng	99
9) Benzaldehyde	6.928	77	662318m	41.383	ng	
10) Phenol	6.975	94	1020433	38.313	ng	99
11) bis(2-Chloroethyl)ether	7.210	93	819158	38.237	ng	99
12) 1,3-Dichlorobenzene	7.681	146	890155	37.856	ng	99
13) 1,4-Dichlorobenzene	7.822	146	914542	37.381	ng	99
14) 1,2-Dichlorobenzene	8.140	146	881362	37.789	ng	99
15) Benzyl Alcohol	8.022	79	702528	39.129	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	556648	37.404	ng	98
17) 2-Methylphenol	8.222	107	686759	39.079	ng	99
18) Hexachloroethane	8.869	117	336898	38.024	ng	100
19) n-Nitroso-di-n-propyla...	8.598	70	613129	39.802	ng	99
20) 3+4-Methylphenols	8.551	107	925708	39.372	ng	100
22) Acetophenone	8.604	105	1264911	37.622	ng	99
24) Nitrobenzene	8.981	77	897378	38.131	ng	99
25) Isophorone	9.510	82	1719407	38.498	ng	99
26) 2-Nitrophenol	9.687	139	415162	40.867	ng	99
27) 2,4-Dimethylphenol	9.751	122	791547	37.886	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	1110519	38.061	ng	99
29) 2,4-Dichlorophenol	10.222	162	753084	38.988	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	807629	37.573	ng	100
31) Naphthalene	10.628	128	2548917	36.633	ng	100
32) Benzoic acid	9.875	122	519441	39.598	ng	98
33) 4-Chloroaniline	10.728	127	1127809	38.018	ng	99
34) Hexachlorobutadiene	10.922	225	479592	37.511	ng	99
35) Caprolactam	11.498	113	237644	38.807	ng	99
36) 4-Chloro-3-methylphenol	11.851	107	794929	38.568	ng	100
37) 2-Methylnaphthalene	12.239	142	1594515	37.986	ng	98
38) 1-Methylnaphthalene	12.457	142	1680613	37.722	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	900972	37.845	ng	99
41) Hexachlorocyclopentadiene	12.598	237	569438	39.386	ng	99
43) 2,4,6-Trichlorophenol	12.845	196	598909	38.255	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	658288	38.297	ng	100
46) 1,1'-Biphenyl	13.251	154	2269641	36.765	ng	99
47) 2-Chloronaphthalene	13.292	162	1740708	36.269	ng	100
48) 2-Nitroaniline	13.486	65	425146	40.253	ng	98
49) Acenaphthylene	14.139	152	2862688	36.877	ng	99
50) Dimethylphthalate	13.880	163	2084186	37.379	ng	100
51) 2,6-Dinitrotoluene	13.986	165	446609	39.718	ng	99
52) Acenaphthene	14.480	154	1769507	36.444	ng	99
53) 3-Nitroaniline	14.310	138	493099	39.347	ng	96
54) 2,4-Dinitrophenol	14.510	184	228596	34.596	ng	99
55) Dibenzofuran	14.816	168	2585454	36.397	ng	99
56) 4-Nitrophenol	14.610	139	411593	38.588	ng	98
57) 2,4-Dinitrotoluene	14.769	165	592521	39.946	ng	99
58) Fluorene	15.463	166	1965747	36.130	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	557824	37.508	ng	93
60) Diethylphthalate	15.245	149	2031289	36.717	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	950092	36.132	ng	99
62) 4-Nitroaniline	15.469	138	449658	38.283	ng	99
63) Azobenzene	15.751	77	1998483	36.142	ng	98
65) 4,6-Dinitro-2-methylph...	15.533	198	312558	38.808	ng	99
66) n-Nitrosodiphenylamine	15.669	169	1747981	37.727	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	604660	38.453	ng	99
68) Hexachlorobenzene	16.463	284	696502	37.911	ng	100
69) Atrazine	16.621	200	578491	39.186	ng	99
70) Pentachlorophenol	16.804	266	464946	38.925	ng	99
71) Phenanthrene	17.198	178	3046863	36.170	ng	99
72) Anthracene	17.286	178	3101683	36.806	ng	100
73) Carbazole	17.551	167	2778780	36.195	ng	99
74) Di-n-butylphthalate	18.133	149	3122305	37.377	ng	99
75) Fluoranthene	19.209	202	3117387	35.092	ng	100
77) Benzidine	19.392	184	1646454	48.798	ng	100
78) Pyrene	19.568	202	3262895	40.348	ng	99
80) Butylbenzylphthalate	20.480	149	1095153	40.599	ng	98
81) Benzo(a)anthracene	21.368	228	2824621	37.193	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	933068	40.289	ng	100
83) Chrysene	21.433	228	2642484	36.579	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1606973	38.675	ng	100
85) Di-n-octyl phthalate	22.462	149	2382511	38.642	ng	100
87) Indeno(1,2,3-cd)pyrene	27.750	276	2970902	38.807	ng	100
88) Benzo(b)fluoranthene	23.433	252	2608359	37.732	ng	100
89) Benzo(k)fluoranthene	23.497	252	2566064	36.362	ng	100
90) Benzo(a)pyrene	24.239	252	2459411	37.840	ng	99
91) Dibenzo(a,h)anthracene	27.815	278	2412391	38.821	ng	100
92) Benzo(g,h,i)perylene	28.791	276	2411378	38.771	ng	99

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

ICAL Form

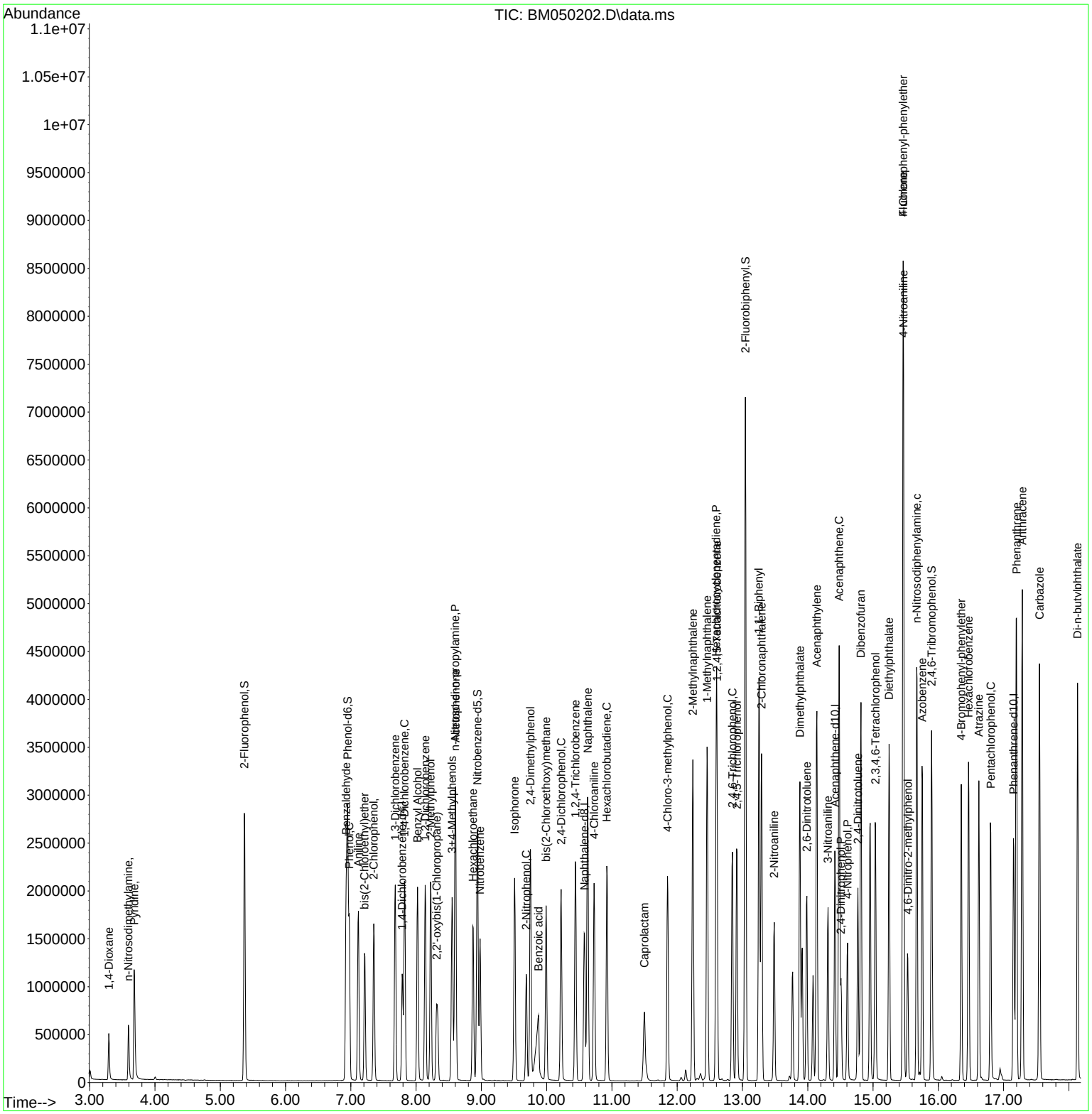
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
Supervised By :Jagrut Upadhyay 06/06/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
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Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/05/2025
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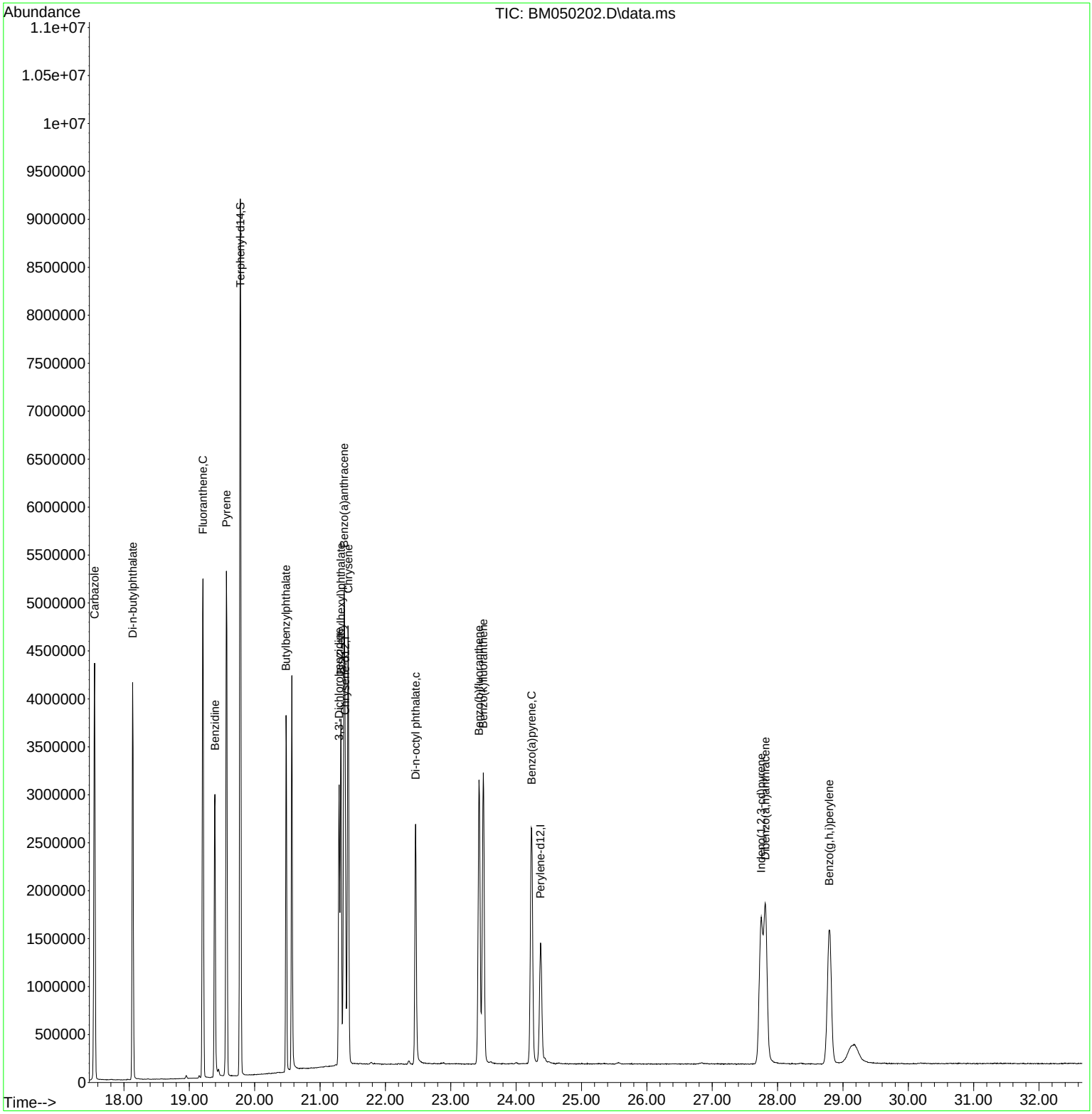

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
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Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
2		1,4-Dioxane	0.526	0.448	14.8	96	0.00
3		Pyridine	1.361	1.266	7.0	100	0.00
4		n-Nitrosodimethylamine	0.281	0.269	4.3	102	0.00
5	S	2-Fluorophenol	1.199	1.069	10.8	96	0.00
6		Aniline	2.086	1.992	4.5	100	0.00
7	S	Phenol-d6	1.578	1.433	9.2	95	0.00
8		2-Chlorophenol	1.319	1.273	3.5	102	0.00
9		Benzaldehyde	1.003	1.038	-3.5	122	0.00
10	C	Phenol	1.670	1.599	4.3	100	0.00
11		bis(2-Chloroethyl)ether	1.343	1.284	4.4	101	0.00
12		1,3-Dichlorobenzene	1.474	1.395	5.4	102	0.00
13	C	1,4-Dichlorobenzene	1.534	1.434	6.5	102	0.00
14		1,2-Dichlorobenzene	1.462	1.382	5.5	102	0.00
15		Benzyl Alcohol	1.126	1.101	2.2	100	0.00
16		2,2'-oxybis(1-Chloropropane	0.933	0.873	6.4	99	0.00
17		2-Methylphenol	1.102	1.076	2.4	100	0.00
18		Hexachloroethane	0.556	0.528	5.0	102	0.00
19	P	n-Nitroso-di-n-propylamine	0.966	0.961	0.5	99	0.00
20		3+4-Methylphenols	1.474	1.451	1.6	99	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22		Acetophenone	0.500	0.470	6.0	101	0.00
23	S	Nitrobenzene-d5	0.385	0.317	17.7	86	0.00
24		Nitrobenzene	0.350	0.333	4.9	100	0.00
25		Isophorone	0.664	0.639	3.8	99	0.00
26	C	2-Nitrophenol	0.151	0.154	-2.0	102	0.00
27		2,4-Dimethylphenol	0.310	0.294	5.2	99	0.00
28		bis(2-Chloroethoxy)methane	0.434	0.413	4.8	99	0.00
29	C	2,4-Dichlorophenol	0.287	0.280	2.4	100	0.00
30		1,2,4-Trichlorobenzene	0.319	0.300	6.0	100	0.00
31		Naphthalene	1.034	0.947	8.4	99	0.00
32		Benzoic acid	0.195	0.193	1.0	97	-0.04
33		4-Chloroaniline	0.441	0.419	5.0	99	0.00
34	C	Hexachlorobutadiene	0.190	0.178	6.3	100	0.00
35		Caprolactam	0.091	0.088	3.3	93	-0.02
36	C	4-Chloro-3-methylphenol	0.306	0.295	3.6	96	0.00
37		2-Methylnaphthalene	0.624	0.592	5.1	98	0.00
38		1-Methylnaphthalene	0.662	0.624	5.7	98	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.546	5.5	102	0.00
41	P	Hexachlorocyclopentadiene	0.351	0.345	1.7	102	0.00
42	S	2,4,6-Tribromophenol	0.227	0.203	10.6	89	0.00
43	C	2,4,6-Trichlorophenol	0.380	0.363	4.5	98	0.00
44		2,4,5-Trichlorophenol	0.417	0.399	4.3	97	0.00
45	S	2-Fluorobiphenyl	1.477	1.164	21.2	85	0.00
46		1,1'-Biphenyl	1.498	1.376	8.1	99	0.00
47		2-Chloronaphthalene	1.164	1.056	9.3	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.256	0.258	-0.8	97	0.00
49		Acenaphthylene	1.883	1.736	7.8	96	0.00
50		Dimethylphthalate	1.353	1.264	6.6	95	0.00
51		2,6-Dinitrotoluene	0.273	0.271	0.7	94	0.00
52	C	Acenaphthene	1.178	1.073	8.9	95	0.00
53		3-Nitroaniline	0.304	0.299	1.6	93	0.00
54	P	2,4-Dinitrophenol	0.146	0.139	4.8	92	0.00
55		Dibenzofuran	1.723	1.568	9.0	95	0.00
56	P	4-Nitrophenol	0.259	0.250	3.5	92	0.00
57		2,4-Dinitrotoluene	0.360	0.359	0.3	91	0.00
58		Fluorene	1.320	1.192	9.7	95	0.00
59		2,3,4,6-Tetrachlorophenol	0.361	0.338	6.4	93	0.00
60		Diethylphthalate	1.342	1.232	8.2	92	0.00
61		4-Chlorophenyl-phenylether	0.638	0.576	9.7	95	0.00
62		4-Nitroaniline	0.285	0.273	4.2	89	-0.01
63		Azobenzene	1.341	1.212	9.6	93	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65		4,6-Dinitro-2-methylphenol	0.109	0.106	2.8	88	0.00
66	c	n-Nitrosodiphenylamine	0.628	0.593	5.6	93	0.00
67		4-Bromophenyl-phenylether	0.213	0.205	3.8	93	0.00
68		Hexachlorobenzene	0.249	0.236	5.2	92	0.00
69		Atrazine	0.200	0.196	2.0	88	0.00
70	C	Pentachlorophenol	0.162	0.158	2.5	89	0.00
71		Phenanthrene	1.143	1.033	9.6	89	0.00
72		Anthracene	1.143	1.052	8.0	90	0.00
73		Carbazole	1.041	0.942	9.5	87	0.00
74		Di-n-butylphthalate	1.133	1.059	6.5	85	0.00
75	C	Fluoranthene	1.205	1.057	12.3	83	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	81	0.00
77		Benzidine	0.562	0.686	-22.1	90	0.00
78		Pyrene	1.348	1.360	-0.9	83	0.00
79	S	Terphenyl-d14	1.055	0.909	13.8	73	0.00
80		Butylbenzylphthalate	0.450	0.456	-1.3	75	0.00
81		Benzo(a)anthracene	1.266	1.177	7.0	78	0.00
82		3,3'-Dichlorobenzidine	0.386	0.389	-0.8	76	0.00
83		Chrysene	1.204	1.101	8.6	77	0.00
84		Bis(2-ethylhexyl)phthalate	0.693	0.670	3.3	73	0.00
85	c	Di-n-octyl phthalate	1.028	0.993	3.4	72	0.00
86	I	Perylene-d12	1.000	1.000	0.0	84	0.00
87		Indeno(1,2,3-cd)pyrene	1.288	1.249	3.0	88	-0.01
88		Benzo(b)fluoranthene	1.163	1.097	5.7	79	0.00
89		Benzo(k)fluoranthene	1.187	1.079	9.1	78	0.00
90	C	Benzo(a)pyrene	1.093	1.034	5.4	81	0.00
91		Dibenzo(a,h)anthracene	1.045	1.014	3.0	88	0.00
92		Benzo(g,h,i)perylene	1.046	1.014	3.1	90	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	103	0.00
2		1,4-Dioxane	40.000	34.075	14.8	96	0.00
3		Pyridine	40.000	37.216	7.0	100	0.00
4		n-Nitrosodimethylamine	40.000	38.276	4.3	102	0.00
5	S	2-Fluorophenol	80.000	71.321	10.8	96	0.00
6		Aniline	40.000	38.184	4.5	100	0.00
7	S	Phenol-d6	80.000	72.656	9.2	95	0.00
8		2-Chlorophenol	40.000	38.620	3.5	102	0.00
9		Benzaldehyde	40.000	41.383	-3.5	122	0.00
10	C	Phenol	40.000	38.313	4.2	100	0.00
11		bis(2-Chloroethyl)ether	40.000	38.237	4.4	101	0.00
12		1,3-Dichlorobenzene	40.000	37.856	5.4	102	0.00
13	C	1,4-Dichlorobenzene	40.000	37.381	6.5	102	0.00
14		1,2-Dichlorobenzene	40.000	37.789	5.5	102	0.00
15		Benzyl Alcohol	40.000	39.129	2.2	100	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.404	6.5	99	0.00
17		2-Methylphenol	40.000	39.079	2.3	100	0.00
18		Hexachloroethane	40.000	38.024	4.9	102	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.802	0.5	99	0.00
20		3+4-Methylphenols	40.000	39.372	1.6	99	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22		Acetophenone	40.000	37.622	5.9	101	0.00
23	S	Nitrobenzene-d5	80.000	65.977	17.5	86	0.00
24		Nitrobenzene	40.000	38.131	4.7	100	0.00
25		Isophorone	40.000	38.498	3.8	99	0.00
26	C	2-Nitrophenol	40.000	40.867	-2.2	102	0.00
27		2,4-Dimethylphenol	40.000	37.886	5.3	99	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.061	4.8	99	0.00
29	C	2,4-Dichlorophenol	40.000	38.988	2.5	100	0.00
30		1,2,4-Trichlorobenzene	40.000	37.573	6.1	100	0.00
31		Naphthalene	40.000	36.633	8.4	99	0.00
32		Benzoic acid	40.000	39.598	1.0	97	-0.04
33		4-Chloroaniline	40.000	38.018	5.0	99	0.00
34	C	Hexachlorobutadiene	40.000	37.511	6.2	100	0.00
35		Caprolactam	40.000	38.807	3.0	93	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.568	3.6	96	0.00
37		2-Methylnaphthalene	40.000	37.986	5.0	98	0.00
38		1-Methylnaphthalene	40.000	37.722	5.7	98	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.845	5.4	102	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.386	1.5	102	0.00
42	S	2,4,6-Tribromophenol	80.000	71.554	10.6	89	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.255	4.4	98	0.00
44		2,4,5-Trichlorophenol	40.000	38.297	4.3	97	0.00
45	S	2-Fluorobiphenyl	80.000	63.026	21.2	85	0.00
46		1,1'-Biphenyl	40.000	36.765	8.1	99	0.00
47		2-Chloronaphthalene	40.000	36.269	9.3	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.253	-0.6	97	0.00
49		Acenaphthylene	40.000	36.877	7.8	96	0.00
50		Dimethylphthalate	40.000	37.379	6.6	95	0.00
51		2,6-Dinitrotoluene	40.000	39.718	0.7	94	0.00
52	C	Acenaphthene	40.000	36.444	8.9	95	0.00
53		3-Nitroaniline	40.000	39.347	1.6	93	0.00
54	P	2,4-Dinitrophenol	40.000	34.596	13.5	92	0.00
55		Dibenzofuran	40.000	36.397	9.0	95	0.00
56	P	4-Nitrophenol	40.000	38.588	3.5	92	0.00
57		2,4-Dinitrotoluene	40.000	39.946	0.1	91	0.00
58		Fluorene	40.000	36.130	9.7	95	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	37.508	6.2	93	0.00
60		Diethylphthalate	40.000	36.717	8.2	92	0.00
61		4-Chlorophenyl-phenylether	40.000	36.132	9.7	95	0.00
62		4-Nitroaniline	40.000	38.283	4.3	89	-0.01
63		Azobenzene	40.000	36.142	9.6	93	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
65		4,6-Dinitro-2-methylphenol	40.000	38.808	3.0	88	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.727	5.7	93	0.00
67		4-Bromophenyl-phenylether	40.000	38.453	3.9	93	0.00
68		Hexachlorobenzene	40.000	37.911	5.2	92	0.00
69		Atrazine	40.000	39.186	2.0	88	0.00
70	C	Pentachlorophenol	40.000	38.925	2.7	89	0.00
71		Phenanthrene	40.000	36.170	9.6	89	0.00
72		Anthracene	40.000	36.806	8.0	90	0.00
73		Carbazole	40.000	36.195	9.5	87	0.00
74		Di-n-butylphthalate	40.000	37.377	6.6	85	0.00
75	C	Fluoranthene	40.000	35.092	12.3	83	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	81	0.00
77		Benzidine	40.000	48.798	-22.0	90	0.00
78		Pyrene	40.000	40.348	-0.9	83	0.00
79	S	Terphenyl-d14	80.000	68.934	13.8	73	0.00
80		Butylbenzylphthalate	40.000	40.599	-1.5	75	0.00
81		Benzo(a)anthracene	40.000	37.193	7.0	78	0.00
82		3,3'-Dichlorobenzidine	40.000	40.289	-0.7	76	0.00
83		Chrysene	40.000	36.579	8.6	77	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.675	3.3	73	0.00
85	c	Di-n-octyl phthalate	40.000	38.642	3.4	72	0.00
86	I	Perylene-d12	20.000	20.000	0.0	84	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.807	3.0	88	-0.01
88		Benzo(b)fluoranthene	40.000	37.732	5.7	79	0.00
89		Benzo(k)fluoranthene	40.000	36.362	9.1	78	0.00
90	C	Benzo(a)pyrene	40.000	37.840	5.4	81	0.00
91		Dibenzo(a,h)anthracene	40.000	38.821	2.9	88	0.00
92		Benzo(g,h,i)perylene	40.000	38.771	3.1	90	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050202.D
Acq On : 05 Jun 2025 14:36
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060525

Quant Time: Jun 05 15:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 14:55:18 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2235 SAS No.: Q2235 SDG No.: Q2235

Instrument ID: BNA_M Calibration Date/Time: 06/09/2025 17:03

Lab File ID: BM050245.D Init. Calib. Date(s): 06/05/2025 06/05/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.361	1.396		2.6	
2-Fluorophenol	1.199	1.226		2.3	
Phenol-d6	1.578	1.604		1.6	
1,4-Dichlorobenzene	1.534	1.510		-1.6	20.0
2-Methylphenol	1.102	1.111		0.8	
3+4-Methylphenols	1.474	1.493		1.3	
Nitrobenzene-d5	0.385	0.402		4.4	
Hexachloroethane	0.555	0.568		2.3	
Nitrobenzene	0.350	0.361		3.1	
Hexachlorobutadiene	0.190	0.185		-2.6	20.0
2,4,6-Trichlorophenol	0.380	0.384		1.1	20.0
2-Fluorobiphenyl	1.477	1.434		-2.9	
2,4,5-Trichlorophenol	0.417	0.422		1.2	
2,4-Dinitrotoluene	0.360	0.399		10.8	
2,4,6-Tribromophenol	0.227	0.241		6.2	
Hexachlorobenzene	0.249	0.245		-1.6	
Pentachlorophenol	0.162	0.173		6.8	20.0
Terphenyl-d14	1.055	0.994		-5.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050245.D
Acq On : 09 Jun 2025 17:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	360068	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1478208	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	892439	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1715618	20.000	ng		0.00
76) Chrysene-d12	21.374	240	1793890	20.000	ng		0.00
86) Perylene-d12	24.350	264	1989460	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1766146	81.823	ng		0.00
7) Phenol-d6	6.934	99	2310860	81.327	ng		0.00
23) Nitrobenzene-d5	8.916	82	2377509	83.649	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	861064	84.827	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	5120406	77.678	ng		0.00
79) Terphenyl-d14	19.768	244	7133435	75.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	378420	39.996	ng		97
3) Pyridine	3.669	79	1005551	41.039	ng		98
4) n-Nitrosodimethylamine	3.581	42	211301	41.704	ng		96
6) Aniline	7.092	93	1526241	40.631	ng		99
8) 2-Chlorophenol	7.334	128	968901	40.809	ng		99
9) Benzaldehyde	6.904	77	670731	37.127	ng		98
10) Phenol	6.957	94	1221466	40.628	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	982078	40.612	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1055731	39.775	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1087164	39.366	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1040935	39.539	ng		98
15) Benzyl Alcohol	8.004	79	830354	40.972	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	718218	42.755	ng		97
17) 2-Methylphenol	8.204	107	799802	40.319	ng		99
18) Hexachloroethane	8.851	117	409286	40.924	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	725113	41.701	ng		99
20) 3+4-Methylphenols	8.534	107	1075257	40.515	ng		98
22) Acetophenone	8.586	105	1461650	39.579	ng	#	99
24) Nitrobenzene	8.957	77	1065825	41.232	ng		98
25) Isophorone	9.486	82	2001054	40.790	ng		99
26) 2-Nitrophenol	9.669	139	482950	43.282	ng		99
27) 2,4-Dimethylphenol	9.733	122	922228	40.225	ng		100
28) bis(2-Chloroethoxy)met...	9.969	93	1315107	41.036	ng		99
29) 2,4-Dichlorophenol	10.198	162	865109	40.776	ng		98
30) 1,2,4-Trichlorobenzene	10.422	180	929903	39.387	ng		100
31) Naphthalene	10.604	128	2985277	39.061	ng		100
32) Benzoic acid	9.851	122	615676	42.730	ng		97
33) 4-Chloroaniline	10.704	127	1312714	40.288	ng		99
34) Hexachlorobutadiene	10.904	225	548050	39.026	ng		99
35) Caprolactam	11.486	113	291076	43.274	ng		97
36) 4-Chloro-3-methylphenol	11.833	107	927702	40.978	ng		99
37) 2-Methylnaphthalene	12.222	142	1847845	40.078	ng		98
38) 1-Methylnaphthalene	12.439	142	1954409	39.938	ng		99
40) 1,2,4,5-Tetrachloroben...	12.586	216	1006543	39.059	ng		100
41) Hexachlorocyclopentadiene	12.574	237	643926	41.145	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	685864	40.472	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050245.D
Acq On : 09 Jun 2025 17:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	753509	40.497	ng	97
46) 1,1'-Biphenyl	13.233	154	2608348	39.033	ng	99
47) 2-Chloronaphthalene	13.274	162	2019609	38.875	ng	99
48) 2-Nitroaniline	13.469	65	529139	46.283	ng	95
49) Acenaphthylene	14.121	152	3355750	39.935	ng	100
50) Dimethylphthalate	13.863	163	2441625	40.454	ng	100
51) 2,6-Dinitrotoluene	13.968	165	531089	43.633	ng	98
52) Acenaphthene	14.463	154	2072586	39.434	ng	99
53) 3-Nitroaniline	14.292	138	602236	44.395	ng	99
54) 2,4-Dinitrophenol	14.498	184	284222	39.171	ng	96
55) Dibenzofuran	14.798	168	3045369	39.605	ng	99
56) 4-Nitrophenol	14.598	139	516019	44.693	ng	99
57) 2,4-Dinitrotoluene	14.751	165	711679	44.325	ng	96
58) Fluorene	15.445	166	2341722	39.762	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	662134m	41.131	ng	
60) Diethylphthalate	15.227	149	2473158	41.299	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1135846	39.906	ng	98
62) 4-Nitroaniline	15.457	138	592967	46.638	ng	99
63) Azobenzene	15.739	77	2429561	40.590	ng	99
65) 4,6-Dinitro-2-methylph...	15.515	198	396949	42.362	ng	98
66) n-Nitrosodiphenylamine	15.657	169	2105155	39.052	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	717717	39.230	ng	98
68) Hexachlorobenzene	16.451	284	841548	39.370	ng	96
69) Atrazine	16.609	200	729517	42.473	ng	98
70) Pentachlorophenol	16.786	266	593145	42.681	ng	100
71) Phenanthrene	17.180	178	3789626	38.667	ng	99
72) Anthracene	17.268	178	3872739	39.499	ng	100
73) Carbazole	17.533	167	3630433	40.644	ng	100
74) Di-n-butylphthalate	18.115	149	4266878	43.903	ng	100
75) Fluoranthene	19.192	202	4285265	41.461	ng	99
77) Benzidine	19.374	184	2470920	48.982	ng	100
78) Pyrene	19.556	202	4533099	37.492	ng	100
80) Butylbenzylphthalate	20.468	149	1856362	46.028	ng	98
81) Benzo(a)anthracene	21.350	228	4491010	39.552	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	1643282	47.458	ng	99
83) Chrysene	21.415	228	4279795	39.625	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	2867346	46.156	ng	99
85) Di-n-octyl phthalate	22.433	149	4667340	50.631	ng	100
87) Indeno(1,2,3-cd)pyrene	27.709	276	5457981	42.608	ng	100
88) Benzo(b)fluoranthene	23.409	252	4576331	39.564	ng	99
89) Benzo(k)fluoranthene	23.474	252	4520328	38.282	ng	100
90) Benzo(a)pyrene	24.209	252	4395508	40.418	ng	99
91) Dibenzo(a,h)anthracene	27.773	278	4440353	42.705	ng	99
92) Benzo(g,h,i)perylene	28.756	276	4419492	42.468	ng	99

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

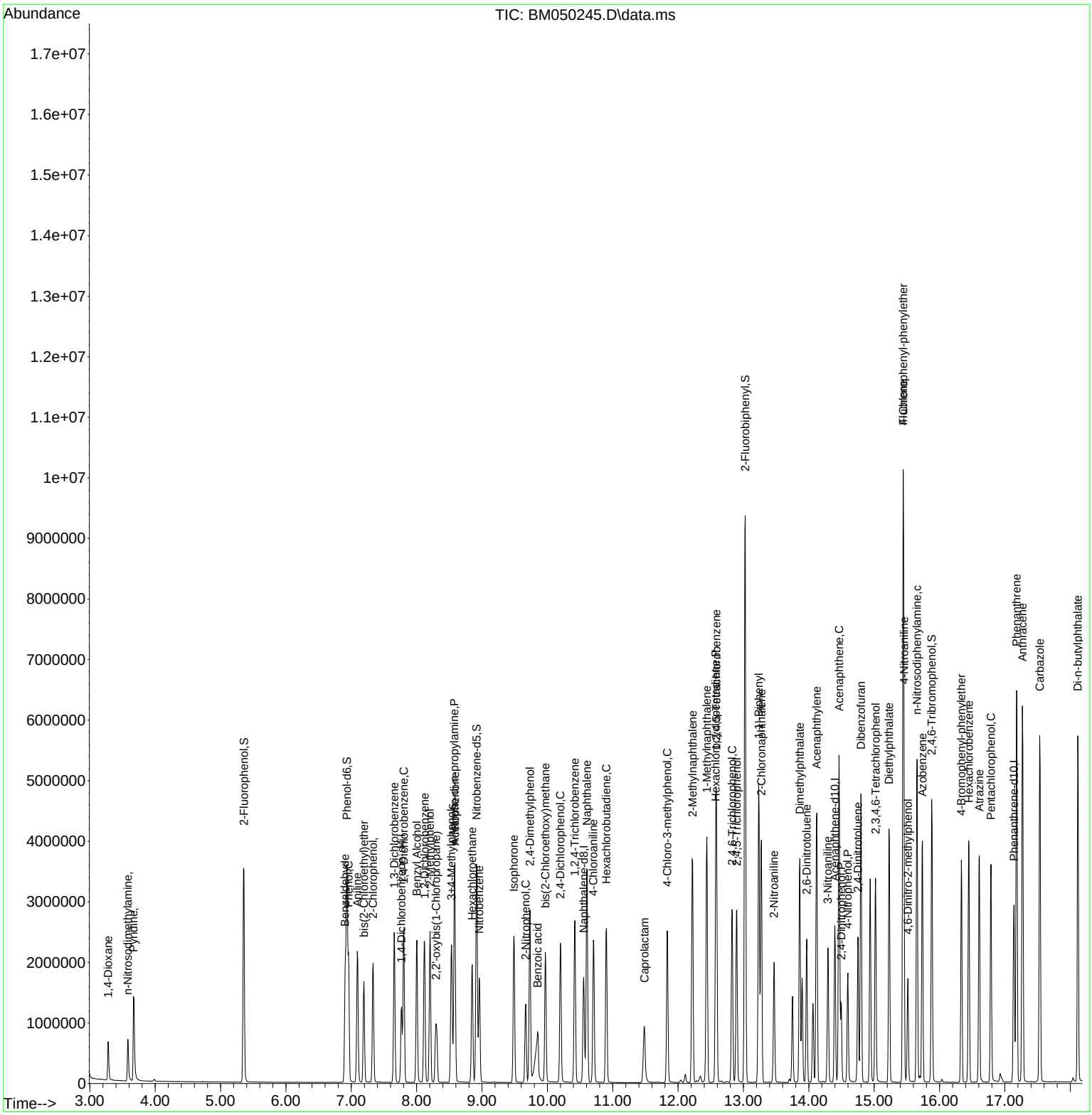
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050245.D
Acq On : 09 Jun 2025 17:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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



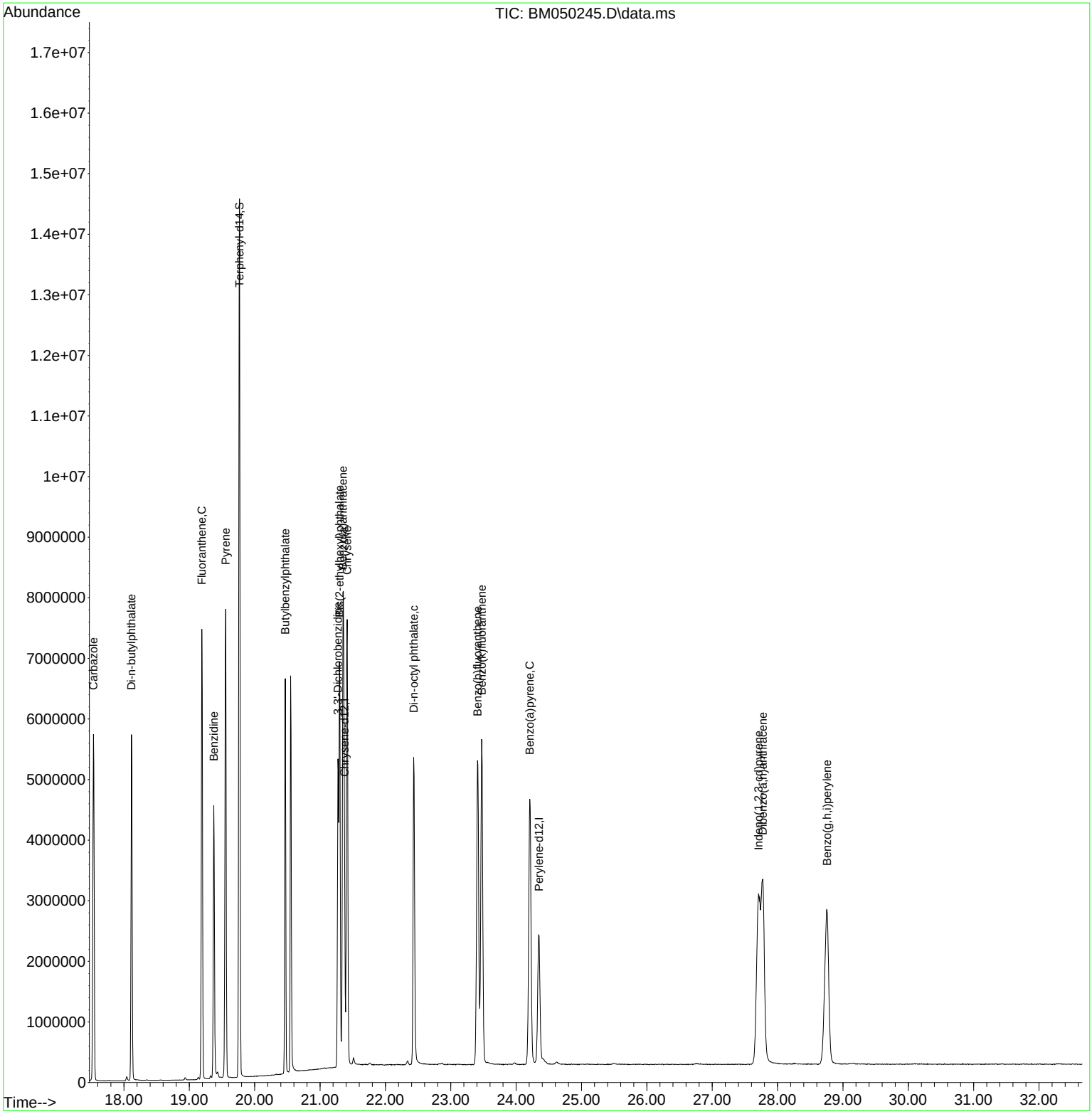
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050245.D
Acq On : 09 Jun 2025 17:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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



Sample Results: **BM050245.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050245.D
Acq On : 09 Jun 2025 17:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 10 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00
2		1,4-Dioxane	0.526	0.525	0.2	128	0.00
3		Pyridine	1.361	1.396	-2.6	124	0.00
4		n-Nitrosodimethylamine	0.281	0.293	-4.3	126	0.00
5	S	2-Fluorophenol	1.199	1.226	-2.3	125	0.00
6		Aniline	2.086	2.119	-1.6	120	0.00
7	S	Phenol-d6	1.578	1.604	-1.6	120	0.00
8		2-Chlorophenol	1.319	1.345	-2.0	121	0.00
9		Benzaldehyde	1.003	0.931	7.2	124	0.00
10	C	Phenol	1.670	1.696	-1.6	120	0.00
11		bis(2-Chloroethyl)ether	1.343	1.364	-1.6	121	0.00
12		1,3-Dichlorobenzene	1.474	1.466	0.5	121	0.00
13	C	1,4-Dichlorobenzene	1.534	1.510	1.6	121	0.00
14		1,2-Dichlorobenzene	1.462	1.445	1.2	120	0.00
15		Benzyl Alcohol	1.126	1.153	-2.4	118	0.00
16		2,2'-oxybis(1-Chloropropane	0.933	0.997	-6.9	128	0.00
17		2-Methylphenol	1.102	1.111	-0.8	117	0.00
18		Hexachloroethane	0.556	0.568	-2.2	124	0.00
19	P	n-Nitroso-di-n-propylamine	0.966	1.007	-4.2	117	0.00
20		3+4-Methylphenols	1.474	1.493	-1.3	115	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	112	0.00
22		Acetophenone	0.500	0.494	1.2	117	0.00
23	S	Nitrobenzene-d5	0.385	0.402	-4.4	120	0.00
24		Nitrobenzene	0.350	0.361	-3.1	119	0.00
25		Isophorone	0.664	0.677	-2.0	115	0.00
26	C	2-Nitrophenol	0.151	0.163	-7.9	118	0.00
27		2,4-Dimethylphenol	0.310	0.312	-0.6	116	0.00
28		bis(2-Chloroethoxy)methane	0.434	0.445	-2.5	117	0.00
29	C	2,4-Dichlorophenol	0.287	0.293	-2.1	115	0.00
30		1,2,4-Trichlorobenzene	0.319	0.315	1.3	116	0.00
31		Naphthalene	1.034	1.010	2.3	116	0.00
32		Benzoic acid	0.195	0.208	-6.7	114	0.00
33		4-Chloroaniline	0.441	0.444	-0.7	115	0.00
34	C	Hexachlorobutadiene	0.190	0.185	2.6	114	0.00
35		Caprolactam	0.091	0.098	-7.7	114	0.00
36	C	4-Chloro-3-methylphenol	0.306	0.314	-2.6	112	0.00
37		2-Methylnaphthalene	0.624	0.625	-0.2	114	0.00
38		1-Methylnaphthalene	0.662	0.661	0.2	114	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.564	2.4	114	0.00
41	P	Hexachlorocyclopentadiene	0.351	0.361	-2.8	115	0.00
42	S	2,4,6-Tribromophenol	0.227	0.241	-6.2	114	0.00
43	C	2,4,6-Trichlorophenol	0.380	0.384	-1.1	112	0.00
44		2,4,5-Trichlorophenol	0.417	0.422	-1.2	111	0.00
45	S	2-Fluorobiphenyl	1.477	1.434	2.9	114	0.00
46		1,1'-Biphenyl	1.498	1.461	2.5	113	0.00
47		2-Chloronaphthalene	1.164	1.132	2.7	114	0.00

Sample Results: **BM050245.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050245.D
Acq On : 09 Jun 2025 17:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 10 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.256	0.296	-15.6	120	0.00
49		Acenaphthylene	1.883	1.880	0.2	113	0.00
50		Dimethylphthalate	1.353	1.368	-1.1	111	0.00
51		2,6-Dinitrotoluene	0.273	0.298	-9.2	112	0.00
52	C	Acenaphthene	1.178	1.161	1.4	112	0.00
53		3-Nitroaniline	0.304	0.337	-10.9	114	0.00
54	P	2,4-Dinitrophenol	0.146	0.159	-8.9	114	0.00
55		Dibenzofuran	1.723	1.706	1.0	112	0.00
56	P	4-Nitrophenol	0.259	0.289	-11.6	115	0.00
57		2,4-Dinitrotoluene	0.360	0.399	-10.8	110	0.00
58		Fluorene	1.320	1.312	0.6	113	0.00
59		2,3,4,6-Tetrachlorophenol	0.361	0.371	-2.8	111	0.00
60		Diethylphthalate	1.342	1.386	-3.3	112	0.00
61		4-Chlorophenyl-phenylether	0.638	0.636	0.3	113	0.00
62		4-Nitroaniline	0.285	0.332	-16.5	118	0.00
63		Azobenzene	1.341	1.361	-1.5	113	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	0.109	0.116	-6.4	112	0.00
66	c	n-Nitrosodiphenylamine	0.628	0.614	2.2	111	0.00
67		4-Bromophenyl-phenylether	0.213	0.209	1.9	111	0.00
68		Hexachlorobenzene	0.249	0.245	1.6	111	0.00
69		Atrazine	0.200	0.213	-6.5	111	0.00
70	C	Pentachlorophenol	0.162	0.173	-6.8	114	0.00
71		Phenanthrene	1.143	1.104	3.4	111	0.00
72		Anthracene	1.143	1.129	1.2	112	0.00
73		Carbazole	1.041	1.058	-1.6	113	0.00
74		Di-n-butylphthalate	1.133	1.244	-9.8	116	0.00
75	C	Fluoranthene	1.205	1.249	-3.7	114	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	121	0.00
77		Benzidine	0.562	0.689	-22.6	135	0.00
78		Pyrene	1.348	1.263	6.3	115	0.00
79	S	Terphenyl-d14	1.055	0.994	5.8	119	0.00
80		Butylbenzylphthalate	0.450	0.517	-14.9	128	0.00
81		Benzo(a)anthracene	1.266	1.252	1.1	124	0.00
82		3,3'-Dichlorobenzidine	0.386	0.458	-18.7	133	0.00
83		Chrysene	1.204	1.193	0.9	125	0.00
84		Bis(2-ethylhexyl)phthalate	0.693	0.799	-15.3	130	0.00
85	c	Di-n-octyl phthalate	1.028	1.301	-26.6#	141	0.00
86	I	Perylene-d12	1.000	1.000	0.0	141	0.00
87		Indeno(1,2,3-cd)pyrene	1.288	1.372	-6.5	162#	0.00
88		Benzo(b)fluoranthene	1.163	1.150	1.1	139	0.00
89		Benzo(k)fluoranthene	1.187	1.136	4.3	137	0.00
90	C	Benzo(a)pyrene	1.093	1.105	-1.1	144	0.00
91		Dibenzo(a,h)anthracene	1.045	1.116	-6.8	162#	0.00
92		Benzo(g,h,i)perylene	1.046	1.111	-6.2	164#	0.00

Sample Results: **BM050245.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050245.D
Acq On : 09 Jun 2025 17:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 10 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BM050245.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050245.D
Acq On : 09 Jun 2025 17:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 10 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	117	0.00
2		1,4-Dioxane	40.000	39.996	0.0	128	0.00
3		Pyridine	40.000	41.039	-2.6	124	0.00
4		n-Nitrosodimethylamine	40.000	41.704	-4.3	126	0.00
5	S	2-Fluorophenol	80.000	81.823	-2.3	125	0.00
6		Aniline	40.000	40.631	-1.6	120	0.00
7	S	Phenol-d6	80.000	81.327	-1.7	120	0.00
8		2-Chlorophenol	40.000	40.809	-2.0	121	0.00
9		Benzaldehyde	40.000	37.127	7.2	124	0.00
10	C	Phenol	40.000	40.628	-1.6	120	0.00
11		bis(2-Chloroethyl)ether	40.000	40.612	-1.5	121	0.00
12		1,3-Dichlorobenzene	40.000	39.775	0.6	121	0.00
13	C	1,4-Dichlorobenzene	40.000	39.366	1.6	121	0.00
14		1,2-Dichlorobenzene	40.000	39.539	1.2	120	0.00
15		Benzyl Alcohol	40.000	40.972	-2.4	118	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	42.755	-6.9	128	0.00
17		2-Methylphenol	40.000	40.319	-0.8	117	0.00
18		Hexachloroethane	40.000	40.924	-2.3	124	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.701	-4.3	117	0.00
20		3+4-Methylphenols	40.000	40.515	-1.3	115	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	112	0.00
22		Acetophenone	40.000	39.579	1.1	117	0.00
23	S	Nitrobenzene-d5	80.000	83.649	-4.6	120	0.00
24		Nitrobenzene	40.000	41.232	-3.1	119	0.00
25		Isophorone	40.000	40.790	-2.0	115	0.00
26	C	2-Nitrophenol	40.000	43.282	-8.2	118	0.00
27		2,4-Dimethylphenol	40.000	40.225	-0.6	116	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.036	-2.6	117	0.00
29	C	2,4-Dichlorophenol	40.000	40.776	-1.9	115	0.00
30		1,2,4-Trichlorobenzene	40.000	39.387	1.5	116	0.00
31		Naphthalene	40.000	39.061	2.3	116	0.00
32		Benzoic acid	40.000	42.730	-6.8	114	0.00
33		4-Chloroaniline	40.000	40.288	-0.7	115	0.00
34	C	Hexachlorobutadiene	40.000	39.026	2.4	114	0.00
35		Caprolactam	40.000	43.274	-8.2	114	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.978	-2.4	112	0.00
37		2-Methylnaphthalene	40.000	40.078	-0.2	114	0.00
38		1-Methylnaphthalene	40.000	39.938	0.2	114	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.059	2.4	114	0.00
41	P	Hexachlorocyclopentadiene	40.000	41.145	-2.9	115	0.00
42	S	2,4,6-Tribromophenol	80.000	84.827	-6.0	114	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.472	-1.2	112	0.00
44		2,4,5-Trichlorophenol	40.000	40.497	-1.2	111	0.00
45	S	2-Fluorobiphenyl	80.000	77.678	2.9	114	0.00
46		1,1'-Biphenyl	40.000	39.033	2.4	113	0.00
47		2-Chloronaphthalene	40.000	38.875	2.8	114	0.00

Sample Results: **BM050245.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050245.D
Acq On : 09 Jun 2025 17:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 10 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	46.283	-15.7	120	0.00
49		Acenaphthylene	40.000	39.935	0.2	113	0.00
50		Dimethylphthalate	40.000	40.454	-1.1	111	0.00
51		2,6-Dinitrotoluene	40.000	43.633	-9.1	112	0.00
52	C	Acenaphthene	40.000	39.434	1.4	112	0.00
53		3-Nitroaniline	40.000	44.395	-11.0	114	0.00
54	P	2,4-Dinitrophenol	40.000	39.171	2.1	114	0.00
55		Dibenzofuran	40.000	39.605	1.0	112	0.00
56	P	4-Nitrophenol	40.000	44.693	-11.7	115	0.00
57		2,4-Dinitrotoluene	40.000	44.325	-10.8	110	0.00
58		Fluorene	40.000	39.762	0.6	113	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.131	-2.8	111	0.00
60		Diethylphthalate	40.000	41.299	-3.2	112	0.00
61		4-Chlorophenyl-phenylether	40.000	39.906	0.2	113	0.00
62		4-Nitroaniline	40.000	46.638	-16.6	118	0.00
63		Azobenzene	40.000	40.590	-1.5	113	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	40.000	42.362	-5.9	112	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.052	2.4	111	0.00
67		4-Bromophenyl-phenylether	40.000	39.230	1.9	111	0.00
68		Hexachlorobenzene	40.000	39.370	1.6	111	0.00
69		Atrazine	40.000	42.473	-6.2	111	0.00
70	C	Pentachlorophenol	40.000	42.681	-6.7	114	0.00
71		Phenanthrene	40.000	38.667	3.3	111	0.00
72		Anthracene	40.000	39.499	1.3	112	0.00
73		Carbazole	40.000	40.644	-1.6	113	0.00
74		Di-n-butylphthalate	40.000	43.903	-9.8	116	0.00
75	C	Fluoranthene	40.000	41.461	-3.7	114	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	121	0.00
77		Benzidine	40.000	48.982	-22.5	135	0.00
78		Pyrene	40.000	37.492	6.3	115	0.00
79	S	Terphenyl-d14	80.000	75.356	5.8	119	0.00
80		Butylbenzylphthalate	40.000	46.028	-15.1	128	0.00
81		Benzo(a)anthracene	40.000	39.552	1.1	124	0.00
82		3,3'-Dichlorobenzidine	40.000	47.458	-18.6	133	0.00
83		Chrysene	40.000	39.625	0.9	125	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	46.156	-15.4	130	0.00
85	c	Di-n-octyl phthalate	40.000	50.631	-26.6#	141	0.00
86	I	Perylene-d12	20.000	20.000	0.0	141	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.608	-6.5	162	0.00
88		Benzo(b)fluoranthene	40.000	39.564	1.1	139	0.00
89		Benzo(k)fluoranthene	40.000	38.282	4.3	137	0.00
90	C	Benzo(a)pyrene	40.000	40.418	-1.0	144	0.00
91		Dibenzo(a,h)anthracene	40.000	42.705	-6.8	162	0.00
92		Benzo(g,h,i)perylene	40.000	42.468	-6.2	164	0.00

Sample Results: **BM050245.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050245.D
Acq On : 09 Jun 2025 17:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 10 01:24:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2235 SAS No.: Q2235 SDG No.: Q2235

Instrument ID: BNA_M Calibration Date/Time: 06/10/2025 04:48

Lab File ID: BM050262.D Init. Calib. Date(s): 06/05/2025 06/05/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.361	1.448		6.4	
2-Fluorophenol	1.199	1.232		2.8	
Phenol-d6	1.578	1.600		1.4	
1,4-Dichlorobenzene	1.534	1.485		-3.2	20.0
2-Methylphenol	1.102	1.105		0.3	
3+4-Methylphenols	1.474	1.472		-0.1	
Nitrobenzene-d5	0.385	0.405		5.2	
Hexachloroethane	0.555	0.579		4.3	
Nitrobenzene	0.350	0.366		4.6	
Hexachlorobutadiene	0.190	0.181		-4.7	20.0
2,4,6-Trichlorophenol	0.380	0.384		1.1	20.0
2-Fluorobiphenyl	1.477	1.442		-2.4	
2,4,5-Trichlorophenol	0.417	0.418		0.2	
2,4-Dinitrotoluene	0.360	0.377		4.7	
2,4,6-Tribromophenol	0.227	0.228		0.4	
Hexachlorobenzene	0.249	0.248		-0.4	
Pentachlorophenol	0.162	0.224		38.3	20.0
Terphenyl-d14	1.055	1.019		-3.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050262.D
Acq On : 10 Jun 2025 04:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 05:44:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

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	7.763	152	460715	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1877125	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	1070949	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1957349	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1968381	20.000	ng	0.00
86) Perylene-d12	24.338	264	2090330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	2270046	82.193	ng	0.00
7) Phenol-d6	6.934	99	2948516	81.099	ng	0.00
23) Nitrobenzene-d5	8.916	82	3040809	84.250	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	977575	80.252	ng	0.00
45) 2-Fluorobiphenyl	13.021	172	6176210	78.077	ng	0.00
79) Terphenyl-d14	19.762	244	8024971	77.259	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	499652	41.272	ng	90
3) Pyridine	3.669	79	1334057	42.552	ng	93
4) n-Nitrosodimethylamine	3.581	42	281321	43.394	ng	99
6) Aniline	7.092	93	1927647	40.106	ng	98
8) 2-Chlorophenol	7.334	128	1232483	40.570	ng	97
9) Benzaldehyde	6.904	77	890670	38.531	ng	96
10) Phenol	6.957	94	1570209	40.818	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	1265112	40.887	ng	96
12) 1,3-Dichlorobenzene	7.657	146	1325907	39.041	ng	98
13) 1,4-Dichlorobenzene	7.798	146	1367877	38.711	ng	98
14) 1,2-Dichlorobenzene	8.116	146	1317220	39.103	ng	99
15) Benzyl Alcohol	8.004	79	1053641	40.632	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1029783	47.910	ng	93
17) 2-Methylphenol	8.204	107	1018406	40.123	ng	99
18) Hexachloroethane	8.845	117	533391	41.682	ng	96
19) n-Nitroso-di-n-propyla...	8.575	70	931068	41.848	ng	98
20) 3+4-Methylphenols	8.534	107	1356508	39.946	ng	99
22) Acetophenone	8.581	105	1869192	39.858	ng	98
24) Nitrobenzene	8.957	77	1374442	41.871	ng	97
25) Isophorone	9.486	82	2493995	40.035	ng	98
26) 2-Nitrophenol	9.669	139	584953	41.282	ng	98
27) 2,4-Dimethylphenol	9.733	122	1152793	39.596	ng	100
28) bis(2-Chloroethoxy)met...	9.969	93	1683958	41.378	ng	99
29) 2,4-Dichlorophenol	10.198	162	1065409	39.545	ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	1169668	39.014	ng	99
31) Naphthalene	10.604	128	3777854	38.926	ng	100
32) Benzoic acid	9.851	122	565798	30.923	ng	97
33) 4-Chloroaniline	10.704	127	1625729	39.291	ng	98
34) Hexachlorobutadiene	10.898	225	680166	38.141	ng	99
35) Caprolactam	11.492	113	329763	38.607	ng	88
36) 4-Chloro-3-methylphenol	11.833	107	1135589	39.501	ng	99
37) 2-Methylnaphthalene	12.216	142	2270117	38.773	ng	99
38) 1-Methylnaphthalene	12.439	142	2417639	38.905	ng	100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1221487	39.499	ng	99
41) Hexachlorocyclopentadiene	12.574	237	767530	40.868	ng	99
43) 2,4,6-Trichlorophenol	12.821	196	822241	40.432	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050262.D
Acq On : 10 Jun 2025 04:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 05:44:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	896098	40.133	ng	96
46) 1,1'-Biphenyl	13.233	154	3162089	39.432	ng	99
47) 2-Chloronaphthalene	13.269	162	2452782	39.343	ng	100
48) 2-Nitroaniline	13.468	65	634421	46.242	ng	92
49) Acenaphthylene	14.121	152	3990554	39.574	ng	100
50) Dimethylphthalate	13.863	163	2865663	39.566	ng	100
51) 2,6-Dinitrotoluene	13.968	165	614664	42.082	ng	94
52) Acenaphthene	14.463	154	2350065	37.260	ng	98
53) 3-Nitroaniline	14.292	138	690400	42.411	ng	99
54) 2,4-Dinitrophenol	14.492	184	124034	17.614	ng	91
55) Dibenzofuran	14.798	168	3611406	39.138	ng	100
56) 4-Nitrophenol	14.598	139	568795	41.052	ng	99
57) 2,4-Dinitrotoluene	14.751	165	808487	41.961	ng	92
58) Fluorene	15.445	166	2744828	38.838	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.021	232	758063m	39.241	ng	
60) Diethylphthalate	15.227	149	2879326	40.067	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1332679	39.017	ng	99
62) 4-Nitroaniline	15.457	138	649475	42.568	ng	97
63) Azobenzene	15.733	77	2958872	41.194	ng	97
65) 4,6-Dinitro-2-methylph...	15.515	198	264901	24.779	ng	95
66) n-Nitrosodiphenylamine	15.651	169	2442884	39.721	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	828583	39.697	ng	98
68) Hexachlorobenzene	16.445	284	972175	39.865	ng	99
69) Atrazine	16.604	200	810041	41.337	ng	99
70) Pentachlorophenol	16.786	266	878713	55.421	ng	99
71) Phenanthrene	17.180	178	4374612	39.123	ng	99
72) Anthracene	17.268	178	4405600	39.385	ng	100
73) Carbazole	17.533	167	4064090	39.880	ng	100
74) Di-n-butylphthalate	18.115	149	4799970	43.289	ng	100
75) Fluoranthene	19.192	202	4786259	40.590	ng	100
77) Benzidine	19.374	184	2479851	44.801	ng	99
78) Pyrene	19.550	202	5069333	38.210	ng	100
80) Butylbenzylphthalate	20.462	149	1940495	43.849	ng	97
81) Benzo(a)anthracene	21.350	228	4905751	39.375	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	1678656	44.182	ng	99
83) Chrysene	21.409	228	4682061	39.507	ng	100
84) Bis(2-ethylhexyl)phtha...	21.292	149	3084575	45.251	ng	98
85) Di-n-octyl phthalate	22.427	149	4711085	46.575	ng	99
87) Indeno(1,2,3-cd)pyrene	27.697	276	5717703	42.482	ng	99
88) Benzo(b)fluoranthene	23.403	252	4894905	40.276	ng	99
89) Benzo(k)fluoranthene	23.468	252	4869113	39.246	ng	100
90) Benzo(a)pyrene	24.203	252	4660050	40.782	ng	99
91) Dibenzo(a,h)anthracene	27.762	278	4677689	42.817	ng	99
92) Benzo(g,h,i)perylene	28.738	276	4684760	42.844	ng	100

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

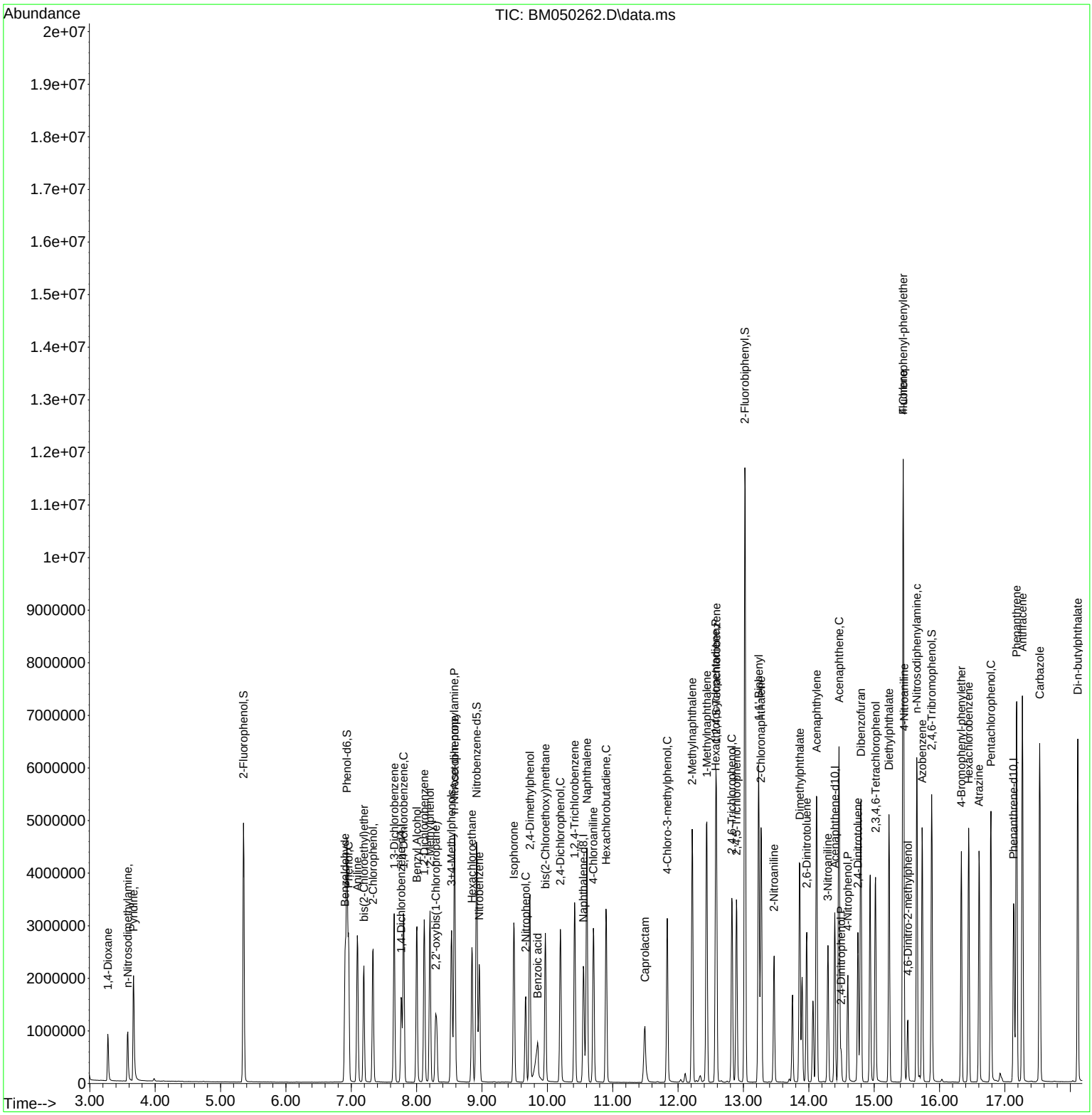
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050262.D
Acq On : 10 Jun 2025 04:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 10 05:44:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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



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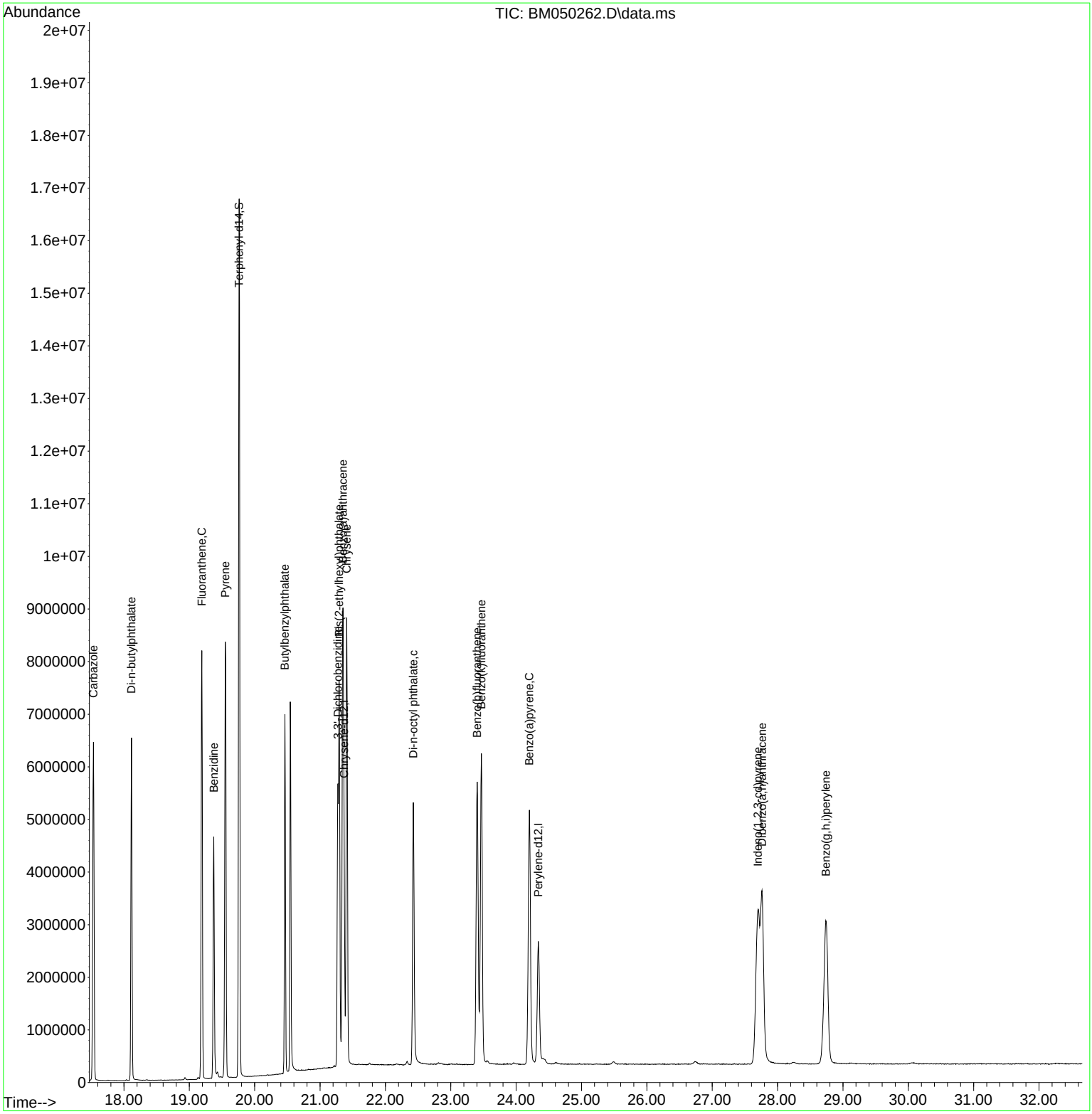

Sample Results: **BM050262.D**

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	149	0.00
2		1,4-Dioxane	0.526	0.542	-3.0	169#	0.00
3		Pyridine	1.361	1.448	-6.4	165#	0.00
4		n-Nitrosodimethylamine	0.281	0.305	-8.5	168#	0.00
5	S	2-Fluorophenol	1.199	1.232	-2.8	160#	0.00
6		Aniline	2.086	2.092	-0.3	151#	0.00
7	S	Phenol-d6	1.578	1.600	-1.4	153#	0.00
8		2-Chlorophenol	1.319	1.338	-1.4	154#	0.00
9		Benzaldehyde	1.003	0.967	3.6	164#	0.00
10	C	Phenol	1.670	1.704	-2.0	155#	0.00
11		bis(2-Chloroethyl)ether	1.343	1.373	-2.2	156#	0.00
12		1,3-Dichlorobenzene	1.474	1.439	2.4	152#	0.00
13	C	1,4-Dichlorobenzene	1.534	1.485	3.2	153#	0.00
14		1,2-Dichlorobenzene	1.462	1.430	2.2	152#	0.00
15		Benzyl Alcohol	1.126	1.143	-1.5	150	0.00
16		2,2'-oxybis(1-Chloropropane	0.933	1.118	-19.8	183#	0.00
17		2-Methylphenol	1.102	1.105	-0.3	149	0.00
18		Hexachloroethane	0.556	0.579	-4.1	162#	0.00
19	P	n-Nitroso-di-n-propylamine	0.966	1.010	-4.6	151#	0.00
20		3+4-Methylphenols	1.474	1.472	0.1	146	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	143	0.00
22		Acetophenone	0.500	0.498	0.4	149	0.00
23	S	Nitrobenzene-d5	0.385	0.405	-5.2	153#	0.00
24		Nitrobenzene	0.350	0.366	-4.6	154#	0.00
25		Isophorone	0.664	0.664	0.0	144	0.00
26	C	2-Nitrophenol	0.151	0.156	-3.3	143	0.00
27		2,4-Dimethylphenol	0.310	0.307	1.0	144	0.00
28		bis(2-Chloroethoxy)methane	0.434	0.449	-3.5	150	0.00
29	C	2,4-Dichlorophenol	0.287	0.284	1.0	141	0.00
30		1,2,4-Trichlorobenzene	0.319	0.312	2.2	146	0.00
31		Naphthalene	1.034	1.006	2.7	147	0.00
32		Benzoic acid	0.195	0.151	22.6	105	0.00
33		4-Chloroaniline	0.441	0.433	1.8	143	0.00
34	C	Hexachlorobutadiene	0.190	0.181	4.7	142	0.00
35		Caprolactam	0.091	0.088	3.3	129	0.01
36	C	4-Chloro-3-methylphenol	0.306	0.302	1.3	138	0.00
37		2-Methylnaphthalene	0.624	0.605	3.0	140	0.00
38		1-Methylnaphthalene	0.662	0.644	2.7	141	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	131	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.570	1.4	138	0.00
41	P	Hexachlorocyclopentadiene	0.351	0.358	-2.0	137	0.00
42	S	2,4,6-Tribromophenol	0.227	0.228	-0.4	129	0.00
43	C	2,4,6-Trichlorophenol	0.380	0.384	-1.1	134	0.00
44		2,4,5-Trichlorophenol	0.417	0.418	-0.2	132	0.00
45	S	2-Fluorobiphenyl	1.477	1.442	2.4	137	0.00
46		1,1'-Biphenyl	1.498	1.476	1.5	138	0.00
47		2-Chloronaphthalene	1.164	1.145	1.6	138	0.00

Sample Results: **BM050262.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050262.D
Acq On : 10 Jun 2025 04:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.256	0.296	-15.6	144	0.00
49		Acenaphthylene	1.883	1.863	1.1	134	0.00
50		Dimethylphthalate	1.353	1.338	1.1	130	0.00
51		2,6-Dinitrotoluene	0.273	0.287	-5.1	130	0.00
52	C	Acenaphthene	1.178	1.097	6.9	127	0.00
53		3-Nitroaniline	0.304	0.322	-5.9	130	0.00
54	P	2,4-Dinitrophenol	0.146	0.058	60.3#	50#	0.00
55		Dibenzofuran	1.723	1.686	2.1	133	0.00
56	P	4-Nitrophenol	0.259	0.266	-2.7	127	0.00
57		2,4-Dinitrotoluene	0.360	0.377	-4.7	125	0.00
58		Fluorene	1.320	1.281	3.0	132	0.00
59		2,3,4,6-Tetrachlorophenol	0.361	0.354	1.9	127	0.00
60		Diethylphthalate	1.342	1.344	-0.1	131	0.00
61		4-Chlorophenyl-phenylether	0.638	0.622	2.5	133	0.00
62		4-Nitroaniline	0.285	0.303	-6.3	129	0.00
63		Azobenzene	1.341	1.381	-3.0	138	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	123	0.00
65		4,6-Dinitro-2-methylphenol	0.109	0.068	37.6#	75	0.00
66	c	n-Nitrosodiphenylamine	0.628	0.624	0.6	129	0.00
67		4-Bromophenyl-phenylether	0.213	0.212	0.5	128	0.00
68		Hexachlorobenzene	0.249	0.248	0.4	129	0.00
69		Atrazine	0.200	0.207	-3.5	124	0.00
70	C	Pentachlorophenol	0.162	0.224	-38.3#	169#	0.00
71		Phenanthrene	1.143	1.117	2.3	128	0.00
72		Anthracene	1.143	1.125	1.6	128	0.00
73		Carbazole	1.041	1.038	0.3	127	0.00
74		Di-n-butylphthalate	1.133	1.226	-8.2	130	0.00
75	C	Fluoranthene	1.205	1.223	-1.5	128	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	133	0.00
77		Benzidine	0.562	0.630	-12.1	135	0.00
78		Pyrene	1.348	1.288	4.5	129	0.00
79	S	Terphenyl-d14	1.055	1.019	3.4	134	0.00
80		Butylbenzylphthalate	0.450	0.493	-9.6	133	0.00
81		Benzo(a)anthracene	1.266	1.246	1.6	136	0.00
82		3,3'-Dichlorobenzidine	0.386	0.426	-10.4	136	0.00
83		Chrysene	1.204	1.189	1.2	137	0.00
84		Bis(2-ethylhexyl)phthalate	0.693	0.784	-13.1	140	-0.01
85	c	Di-n-octyl phthalate	1.028	1.197	-16.4	142	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	148	0.00
87		Indeno(1,2,3-cd)pyrene	1.288	1.368	-6.2	170#	-0.01
88		Benzo(b)fluoranthene	1.163	1.171	-0.7	148	0.00
89		Benzo(k)fluoranthene	1.187	1.165	1.9	148	0.00
90	C	Benzo(a)pyrene	1.093	1.115	-2.0	153#	0.00
91		Dibenzo(a,h)anthracene	1.045	1.119	-7.1	171#	0.00
92		Benzo(g,h,i)perylene	1.046	1.121	-7.2	174#	-0.01

Sample Results: **BM050262.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050262.D
Acq On : 10 Jun 2025 04:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 10 05:44:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Sample Results: **BM050262.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	149	0.00
2		1,4-Dioxane	40.000	41.272	-3.2	169	0.00
3		Pyridine	40.000	42.552	-6.4	165	0.00
4		n-Nitrosodimethylamine	40.000	43.394	-8.5	168	0.00
5	S	2-Fluorophenol	80.000	82.193	-2.7	160	0.00
6		Aniline	40.000	40.106	-0.3	151	0.00
7	S	Phenol-d6	80.000	81.099	-1.4	153	0.00
8		2-Chlorophenol	40.000	40.570	-1.4	154	0.00
9		Benzaldehyde	40.000	38.531	3.7	164	0.00
10	C	Phenol	40.000	40.818	-2.0	155	0.00
11		bis(2-Chloroethyl)ether	40.000	40.887	-2.2	156	0.00
12		1,3-Dichlorobenzene	40.000	39.041	2.4	152	0.00
13	C	1,4-Dichlorobenzene	40.000	38.711	3.2	153	0.00
14		1,2-Dichlorobenzene	40.000	39.103	2.2	152	0.00
15		Benzyl Alcohol	40.000	40.632	-1.6	150	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	47.910	-19.8	183	0.00
17		2-Methylphenol	40.000	40.123	-0.3	149	0.00
18		Hexachloroethane	40.000	41.682	-4.2	162	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.848	-4.6	151	0.00
20		3+4-Methylphenols	40.000	39.946	0.1	146	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	143	0.00
22		Acetophenone	40.000	39.858	0.4	149	0.00
23	S	Nitrobenzene-d5	80.000	84.250	-5.3	153	0.00
24		Nitrobenzene	40.000	41.871	-4.7	154	0.00
25		Isophorone	40.000	40.035	-0.1	144	0.00
26	C	2-Nitrophenol	40.000	41.282	-3.2	143	0.00
27		2,4-Dimethylphenol	40.000	39.596	1.0	144	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.378	-3.4	150	0.00
29	C	2,4-Dichlorophenol	40.000	39.545	1.1	141	0.00
30		1,2,4-Trichlorobenzene	40.000	39.014	2.5	146	0.00
31		Naphthalene	40.000	38.926	2.7	147	0.00
32		Benzoic acid	40.000	30.923	22.7	105	0.00
33		4-Chloroaniline	40.000	39.291	1.8	143	0.00
34	C	Hexachlorobutadiene	40.000	38.141	4.6	142	0.00
35		Caprolactam	40.000	38.607	3.5	129	0.01
36	C	4-Chloro-3-methylphenol	40.000	39.501	1.2	138	0.00
37		2-Methylnaphthalene	40.000	38.773	3.1	140	0.00
38		1-Methylnaphthalene	40.000	38.905	2.7	141	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	131	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.499	1.3	138	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.868	-2.2	137	0.00
42	S	2,4,6-Tribromophenol	80.000	80.252	-0.3	129	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.432	-1.1	134	0.00
44		2,4,5-Trichlorophenol	40.000	40.133	-0.3	132	0.00
45	S	2-Fluorobiphenyl	80.000	78.077	2.4	137	0.00
46		1,1'-Biphenyl	40.000	39.432	1.4	138	0.00
47		2-Chloronaphthalene	40.000	39.343	1.6	138	0.00

Sample Results: **BM050262.D**

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Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
SSTDCCC040

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	46.242	-15.6	144	0.00
49		Acenaphthylene	40.000	39.574	1.1	134	0.00
50		Dimethylphthalate	40.000	39.566	1.1	130	0.00
51		2,6-Dinitrotoluene	40.000	42.082	-5.2	130	0.00
52	C	Acenaphthene	40.000	37.260	6.9	127	0.00
53		3-Nitroaniline	40.000	42.411	-6.0	130	0.00
54	P	2,4-Dinitrophenol	40.000	17.614	56.0#	50	0.00
55		Dibenzofuran	40.000	39.138	2.2	133	0.00
56	P	4-Nitrophenol	40.000	41.052	-2.6	127	0.00
57		2,4-Dinitrotoluene	40.000	41.961	-4.9	125	0.00
58		Fluorene	40.000	38.838	2.9	132	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.241	1.9	127	0.00
60		Diethylphthalate	40.000	40.067	-0.2	131	0.00
61		4-Chlorophenyl-phenylether	40.000	39.017	2.5	133	0.00
62		4-Nitroaniline	40.000	42.568	-6.4	129	0.00
63		Azobenzene	40.000	41.194	-3.0	138	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	123	0.00
65		4,6-Dinitro-2-methylphenol	40.000	24.779	38.1#	75	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.721	0.7	129	0.00
67		4-Bromophenyl-phenylether	40.000	39.697	0.8	128	0.00
68		Hexachlorobenzene	40.000	39.865	0.3	129	0.00
69		Atrazine	40.000	41.337	-3.3	124	0.00
70	C	Pentachlorophenol	40.000	55.421	-38.6#	169	0.00
71		Phenanthrene	40.000	39.123	2.2	128	0.00
72		Anthracene	40.000	39.385	1.5	128	0.00
73		Carbazole	40.000	39.880	0.3	127	0.00
74		Di-n-butylphthalate	40.000	43.289	-8.2	130	0.00
75	C	Fluoranthene	40.000	40.590	-1.5	128	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	133	0.00
77		Benzidine	40.000	44.801	-12.0	135	0.00
78		Pyrene	40.000	38.210	4.5	129	0.00
79	S	Terphenyl-d14	80.000	77.259	3.4	134	0.00
80		Butylbenzylphthalate	40.000	43.849	-9.6	133	0.00
81		Benzo(a)anthracene	40.000	39.375	1.6	136	0.00
82		3,3'-Dichlorobenzidine	40.000	44.182	-10.5	136	0.00
83		Chrysene	40.000	39.507	1.2	137	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.251	-13.1	140	-0.01
85	c	Di-n-octyl phthalate	40.000	46.575	-16.4	142	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	148	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.482	-6.2	170	-0.01
88		Benzo(b)fluoranthene	40.000	40.276	-0.7	148	0.00
89		Benzo(k)fluoranthene	40.000	39.246	1.9	148	0.00
90	C	Benzo(a)pyrene	40.000	40.782	-2.0	153	0.00
91		Dibenzo(a,h)anthracene	40.000	42.817	-7.0	171	0.00
92		Benzo(g,h,i)perylene	40.000	42.844	-7.1	174	-0.01

Sample Results: **BM050262.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050262.D
Acq On : 10 Jun 2025 04:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jun 10 05:44:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

QC SAMPLE DATA

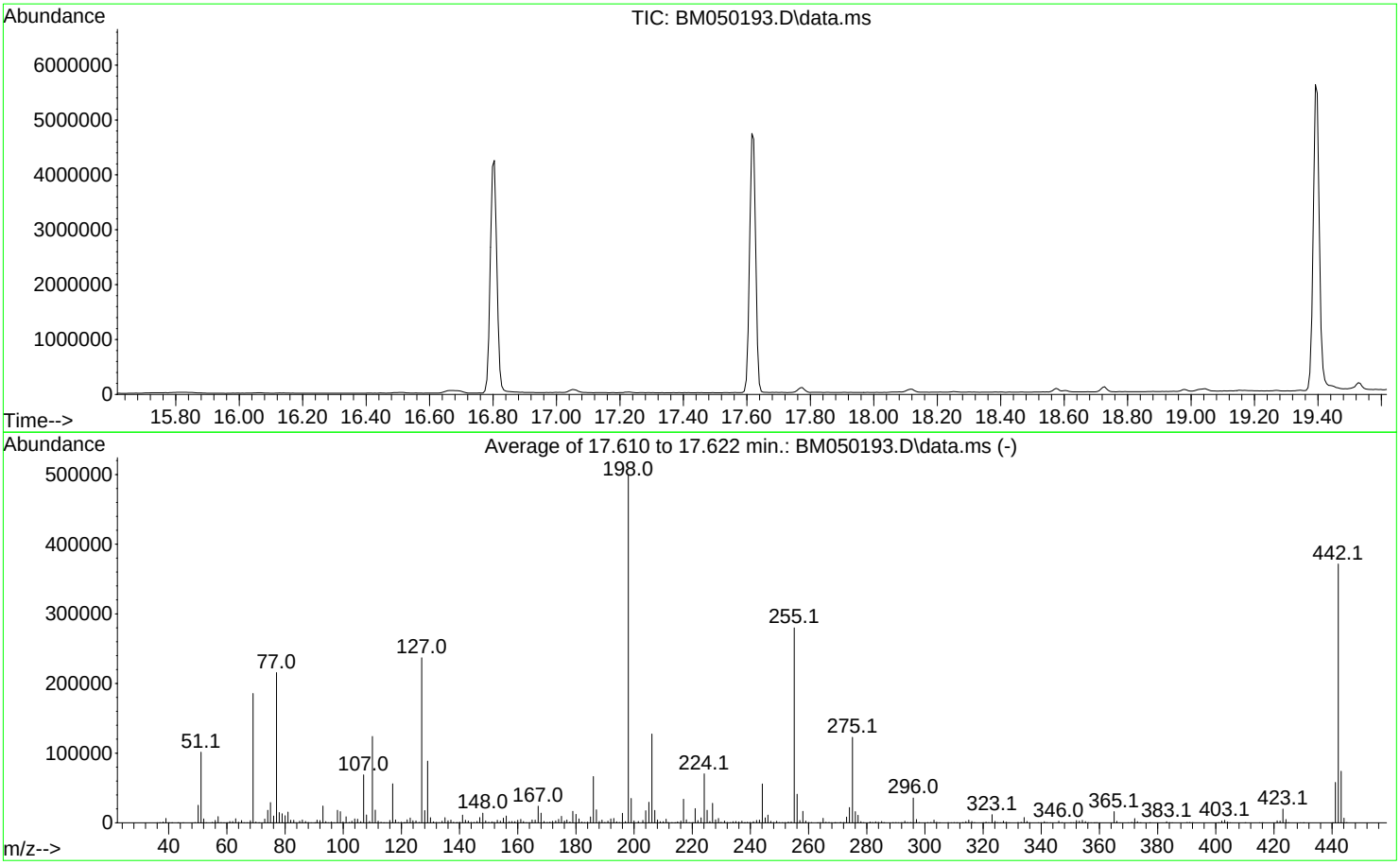
Sample Results: **BM050193.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050193.D
Acq On : 05 Jun 2025 08:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jun 05 16:20:25 2025



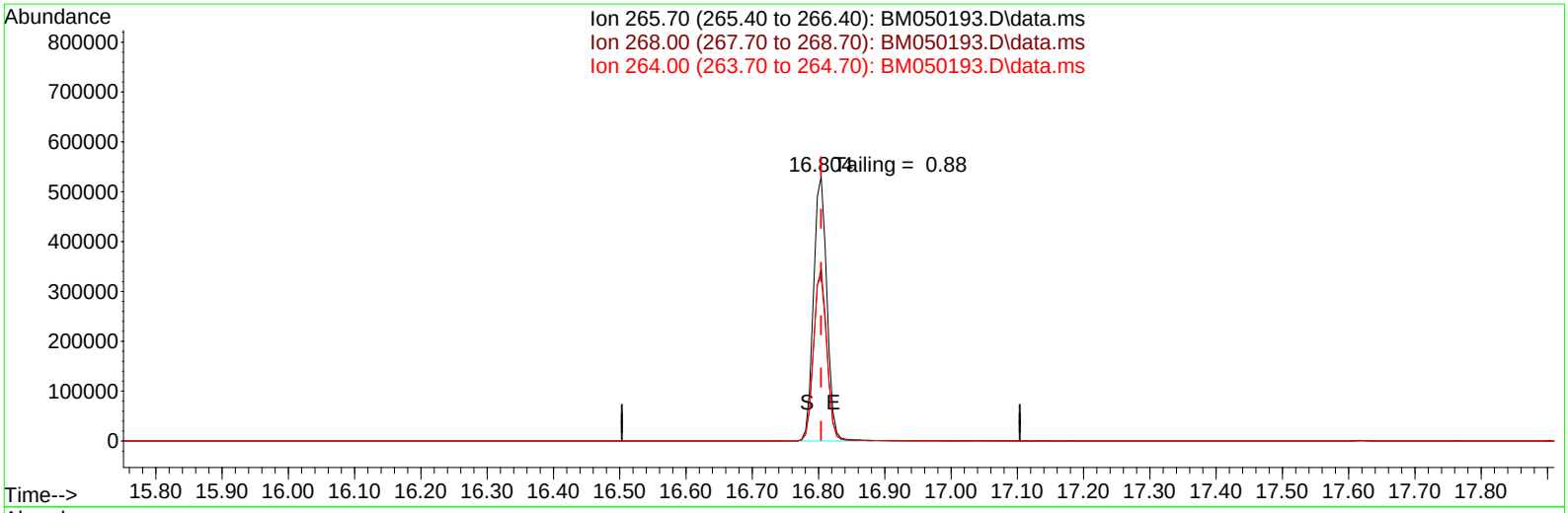
AutoFind: Scans 2486, 2487, 2488; Background Corrected with Scan 2479

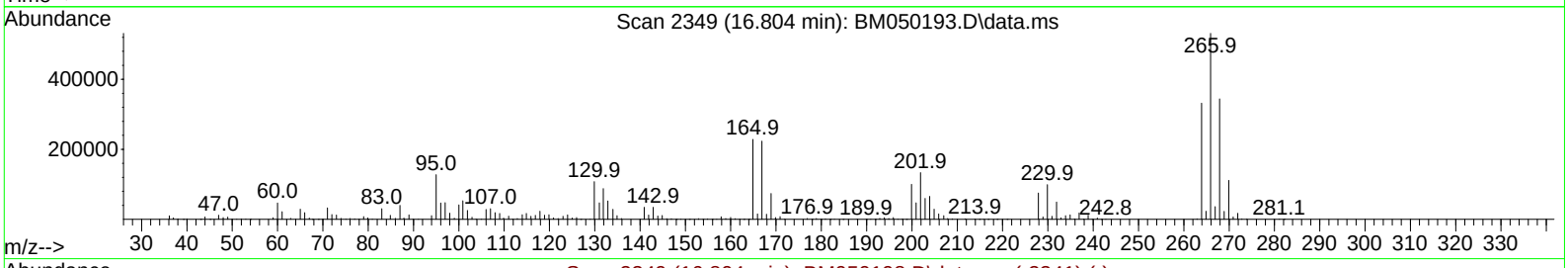
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	20.3	101444	PASS
68	69	0.00	2	1.6	2964	PASS
69	198	0.00	100	37.2	185664	PASS
70	69	0.00	2	0.6	1032	PASS
127	198	10	80	47.5	237035	PASS
197	198	0.00	2	0.4	1811	PASS
198	198	100	100	100.0	499264	PASS
199	198	5	9	7.0	34904	PASS
275	198	10	60	24.6	122771	PASS
365	198	1	100	3.2	16128	PASS
441	198	0.01	100	11.6	57920	PASS
442	442	50	100	100.0	371584	PASS
443	442	15	24	19.9	74069	PASS

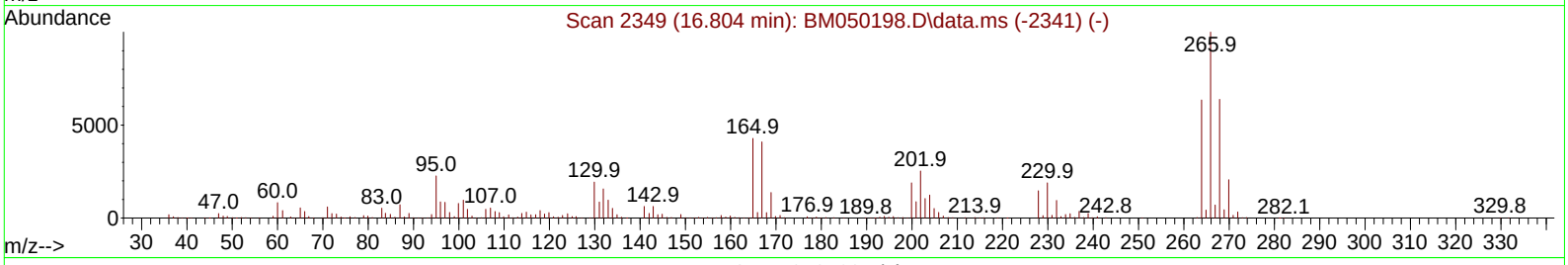
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050193.D
Acq On : 05 Jun 2025 08:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 05 16:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration







TIC: BM050193.D\data.ms

(70) Pentachlorophenol (C)

16.804min (+ 0.000) 1708888.69 ng

response 747502

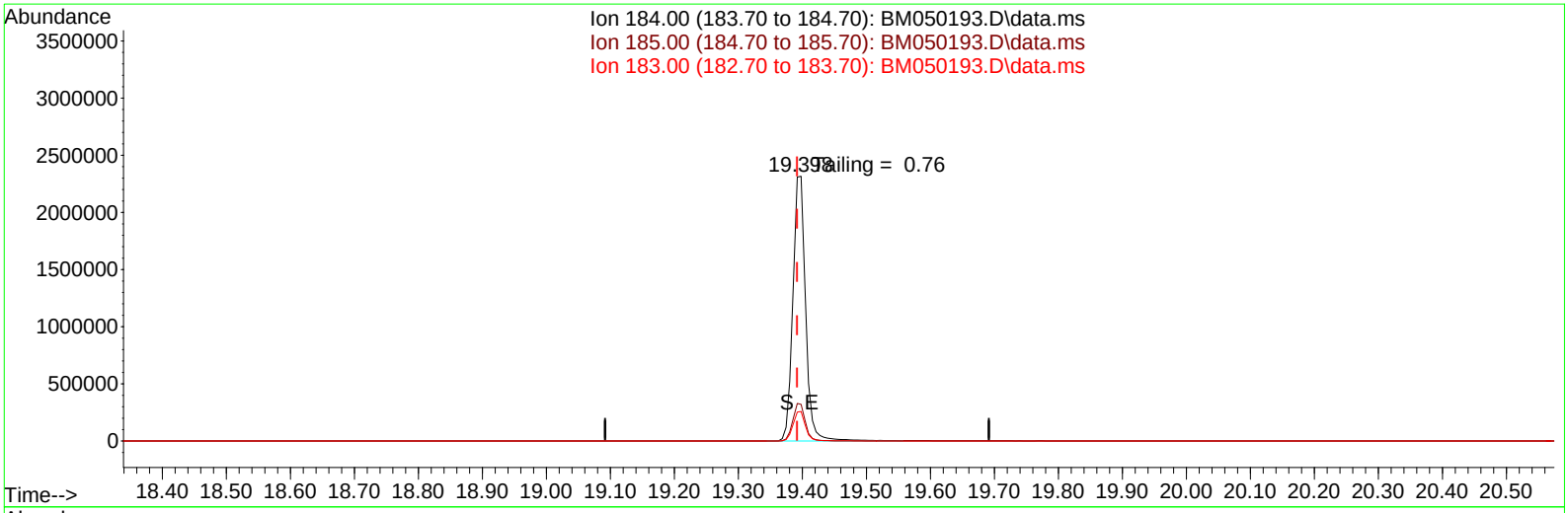
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.80
264.00	63.50	62.45
0.00	0.00	0.00

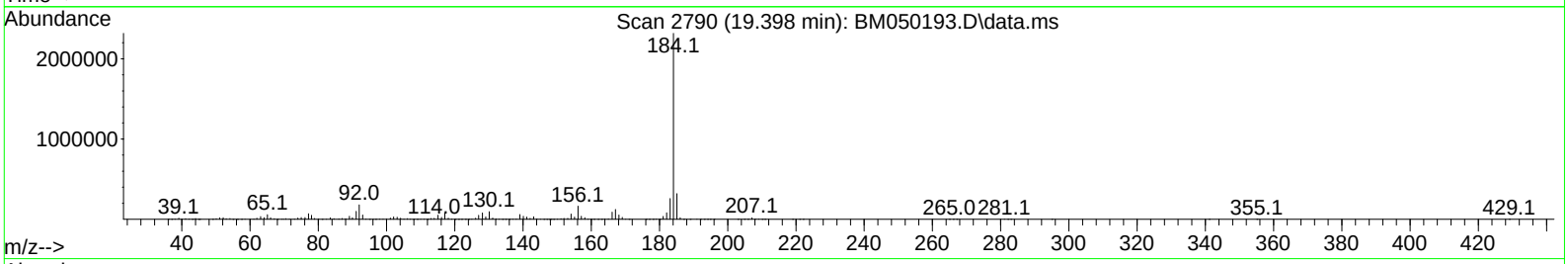
Sample Results: **BM050193.D**

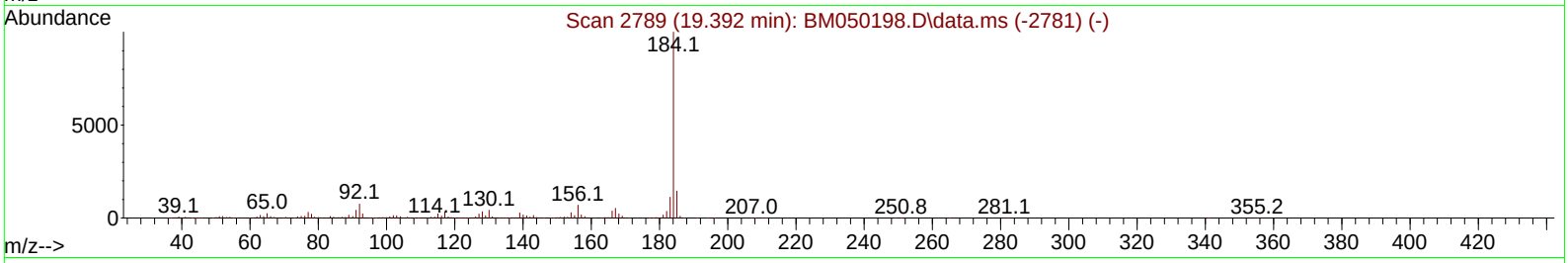
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060525\
Data File : BM050193.D
Acq On : 05 Jun 2025 08:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 05 16:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration







TIC: BM050193.D\data.ms

(77) Benzidine

19.398min (+ 0.006) 33233.28 ng

response 3215775

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.84
183.00	11.20	11.16
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/5/2025	BNA_M	BM050193.D
Compound Name	**Response**	**Retention Time**
DDT	1539212	20.645
DDD	20154	20.257
DDE	1832	19.692
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
21986	1561198	1.41

Instrument :
BNA_M
ClientSampleId :
DFTPP

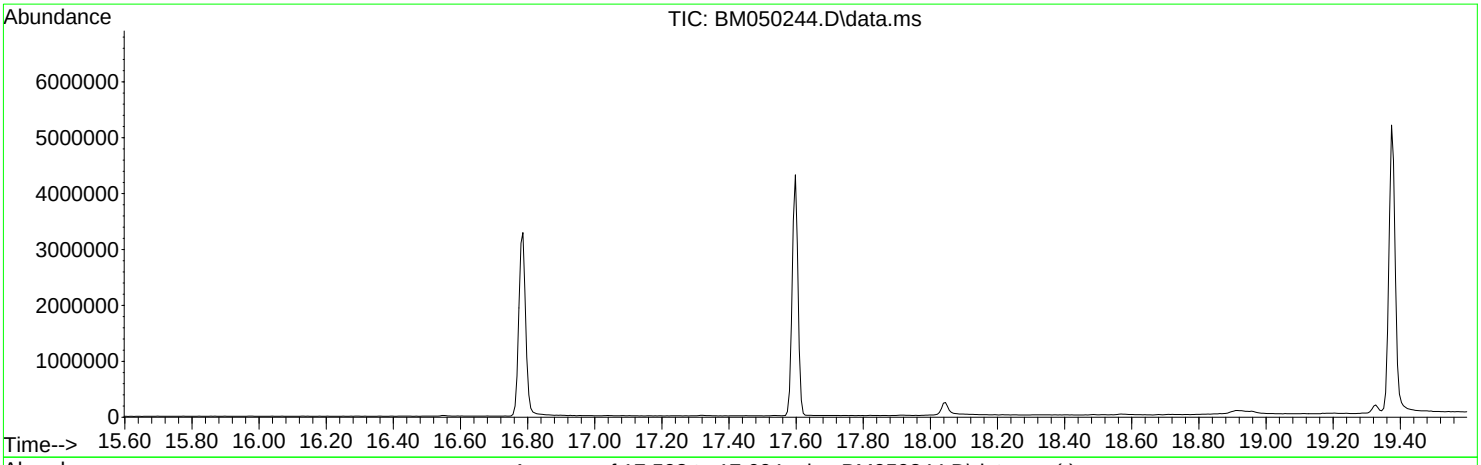
Sample Results: **BM050244.D**

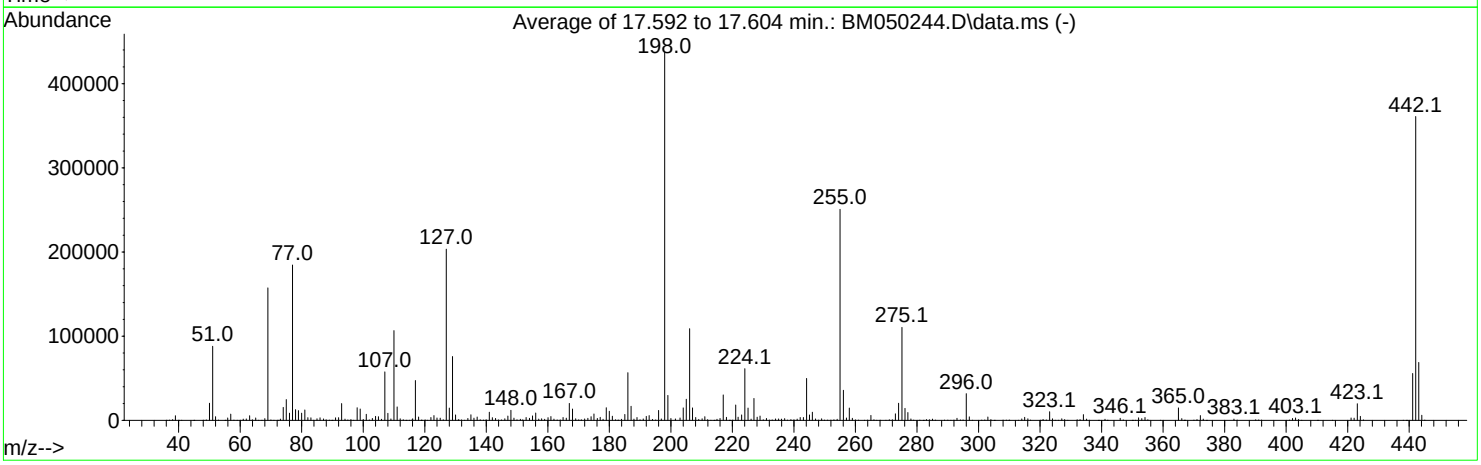
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050244.D
Acq On : 09 Jun 2025 16:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Jun 09 11:54:38 2025





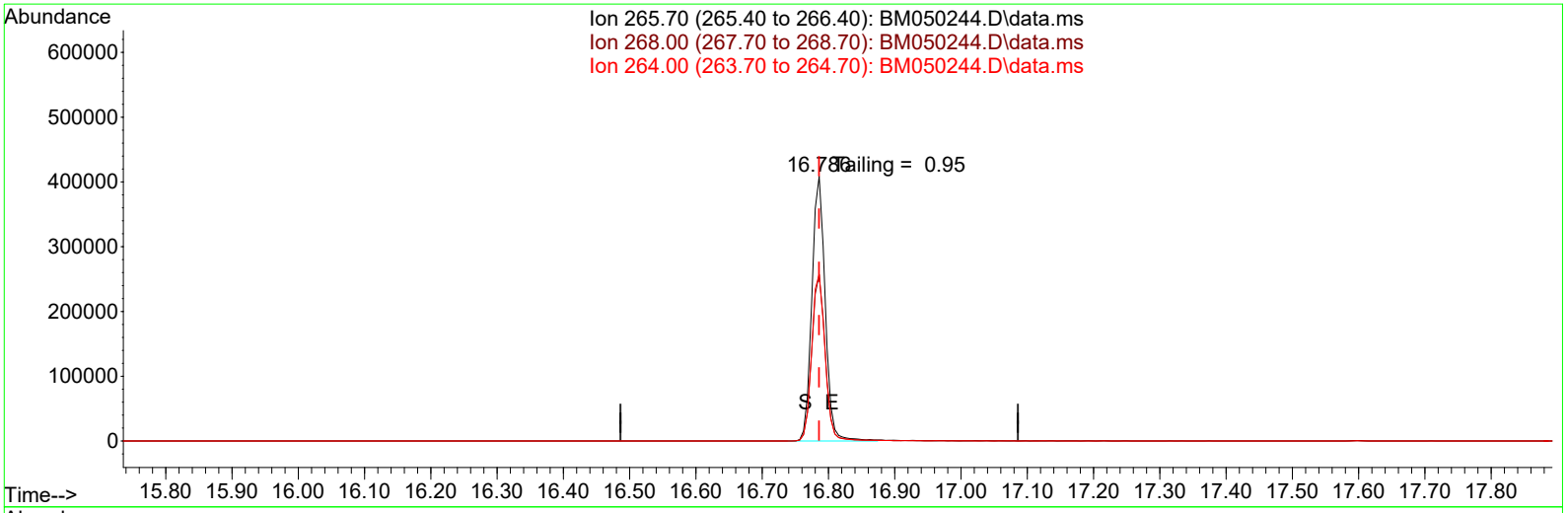
AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

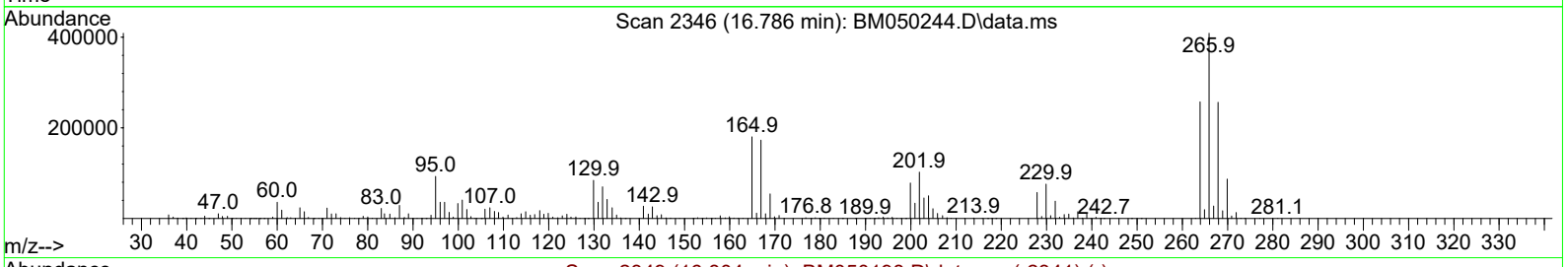
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	20.2	88096	PASS
68	69	0.00	2	1.4	2134	PASS
69	198	0.00	100	36.0	157327	PASS
70	69	0.00	2	0.3	522	PASS
127	198	10	80	46.5	203328	PASS
197	198	0.00	2	0.4	1683	PASS
198	198	100	100	100.0	437035	PASS
199	198	5	9	6.8	29595	PASS
275	198	10	60	25.3	110448	PASS
365	198	1	100	3.4	14806	PASS
441	198	0.01	100	12.7	55720	PASS
442	442	50	100	100.0	360981	PASS
443	442	15	24	19.1	68901	PASS

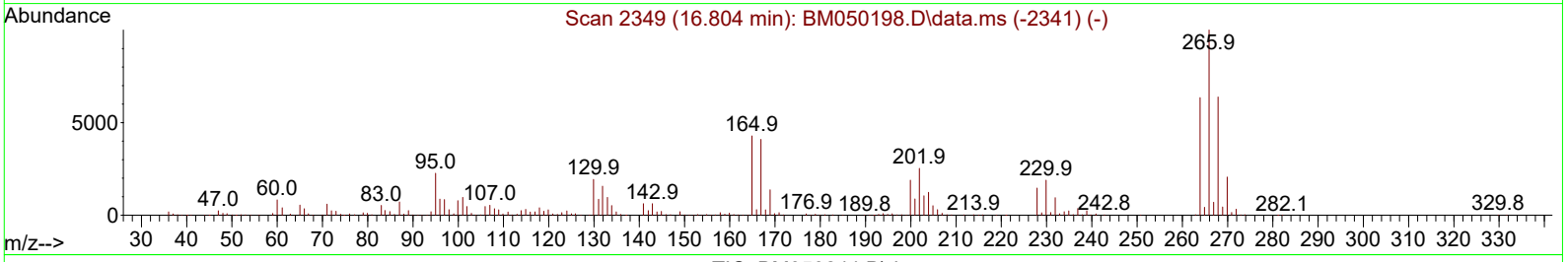
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050244.D
Acq On : 09 Jun 2025 16:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 09 17:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration







TIC: BM050244.D\data.ms

(70) Pentachlorophenol (C)

16.786min (-0.000) 282541.19 ng

response 572172

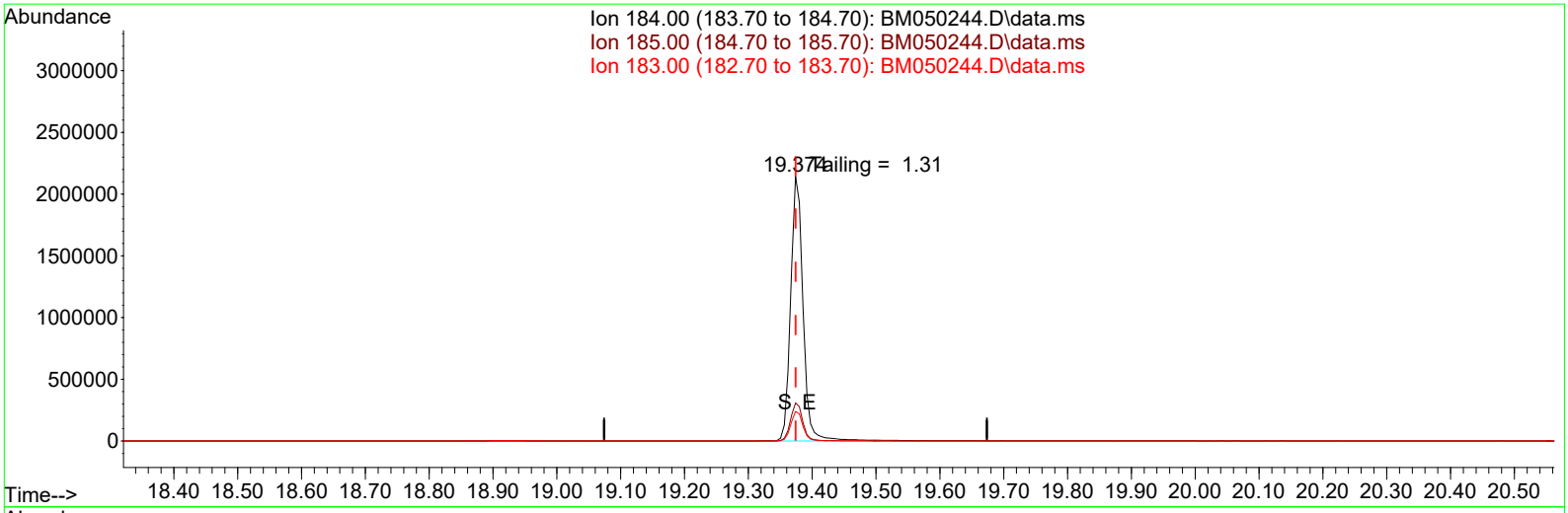
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	62.74
264.00	63.50	63.02
0.00	0.00	0.00

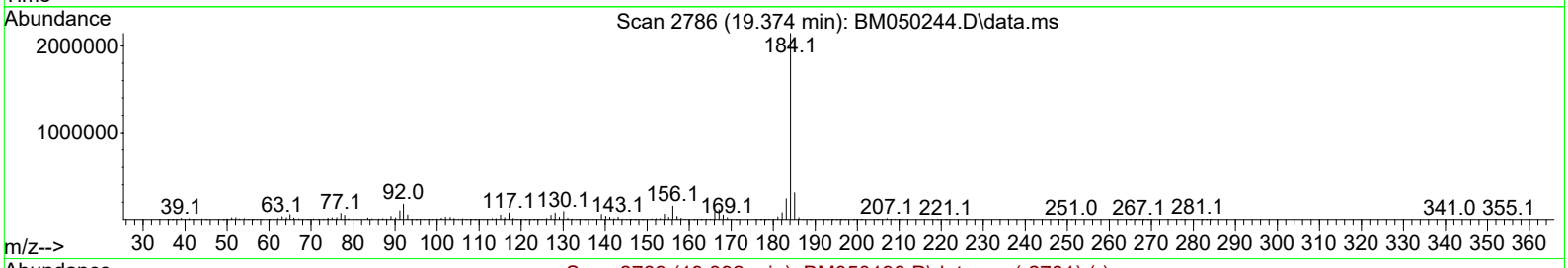
Sample Results: **BM050244.D**

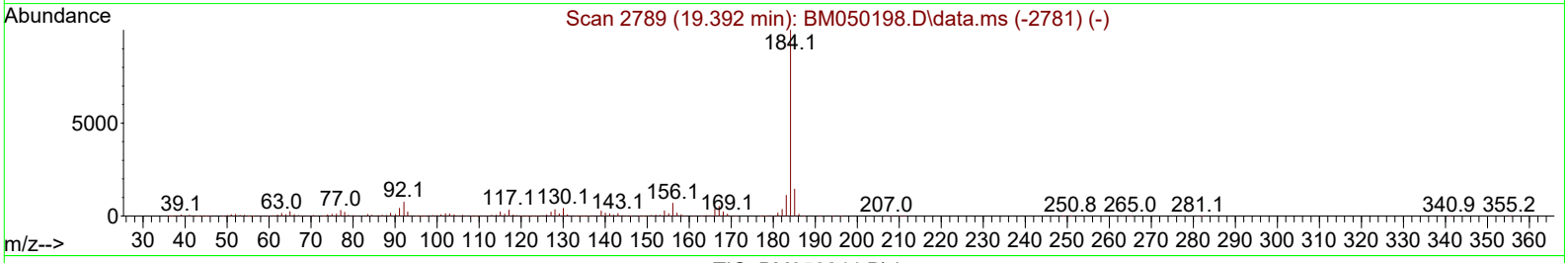
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050244.D
Acq On : 09 Jun 2025 16:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 09 17:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration







TIC: BM050244.D\data.ms

(77) Benzidine

19.374min (-0.000) 185831.97 ng

response 2889837

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.40
183.00	11.20	11.15
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/9/2025	BNA_M	BM050244.D
Compound Name	**Response**	**Retention Time**
DDT	1441801	20.621
DDD	16704	20.233
DDE	1198	19.674
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
17902	1459703	1.23

Instrument :
BNA_M
ClientSampleId :
DFTPP

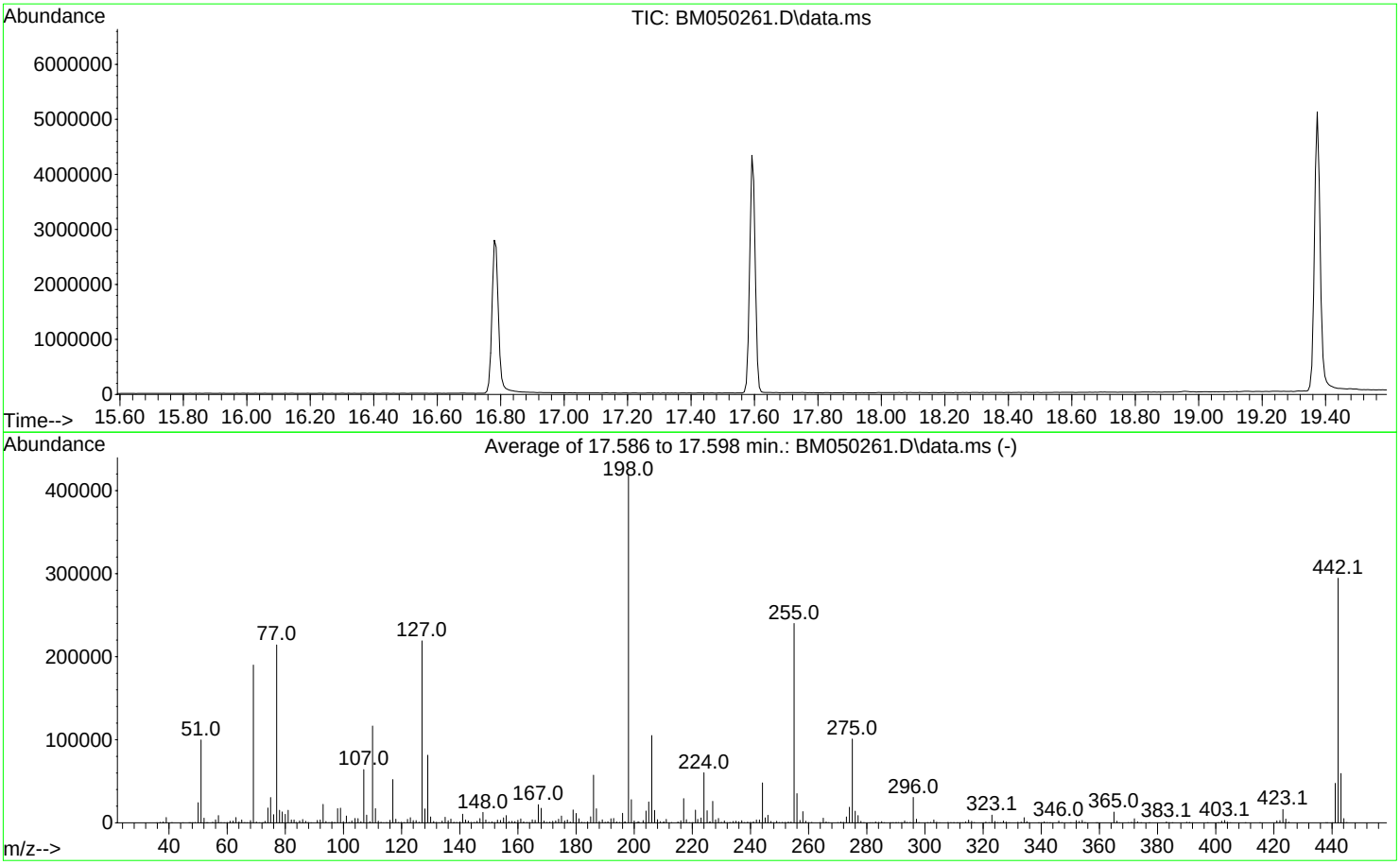
Sample Results: **BM050261.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050261.D
Acq On : 10 Jun 2025 04:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Jun 09 11:54:38 2025



AutoFind: Scans 2482, 2483, 2484; Background Corrected with Scan 2475

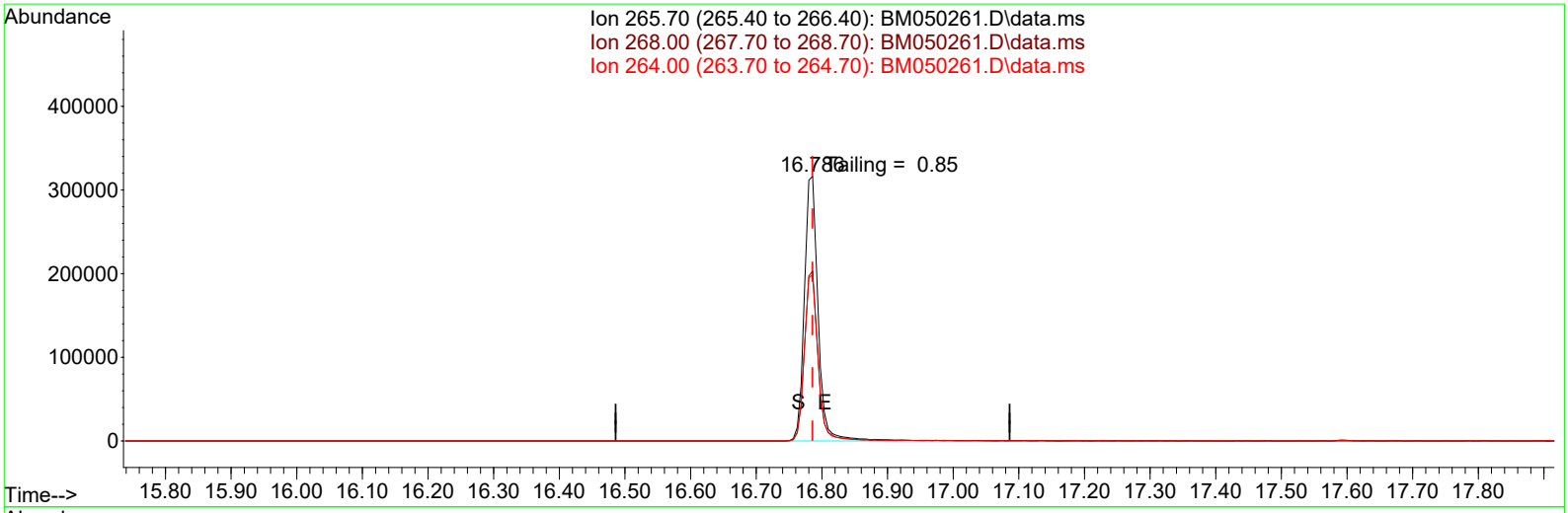
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	23.8	99808	PASS
68	69	0.00	2	1.5	2792	PASS
69	198	0.00	100	45.4	189995	PASS
70	69	0.00	2	0.5	984	PASS
127	198	10	80	52.3	219093	PASS
197	198	0.00	2	0.3	1212	PASS
198	198	100	100	100.0	418709	PASS
199	198	5	9	6.6	27819	PASS
275	198	10	60	24.1	100909	PASS
365	198	1	100	3.1	12955	PASS
441	198	0.01	100	11.3	47504	PASS
442	442	50	100	100.0	294400	PASS
443	442	15	24	20.2	59373	PASS

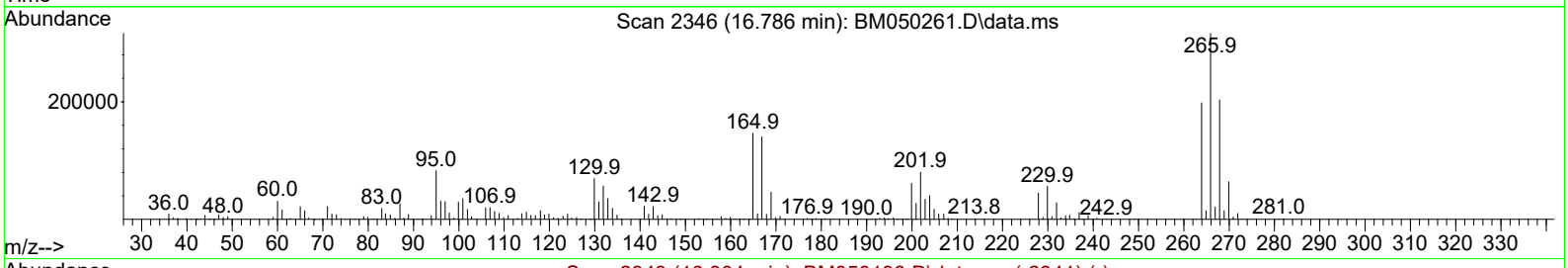
Sample Results: **BM050261.D**

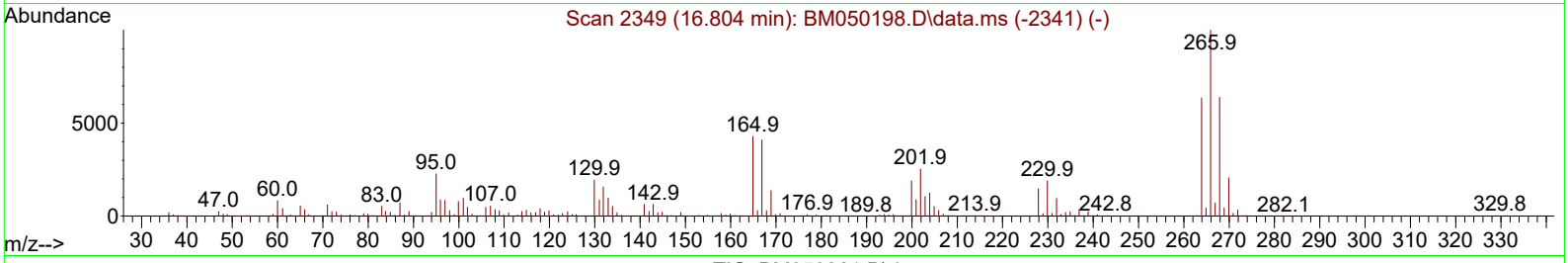
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050261.D
Acq On : 10 Jun 2025 04:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 10 05:34:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration







TIC: BM050261.D\data.ms

(70) Pentachlorophenol (C)

16.786min (-0.000) 158695.78 ng

response 460207

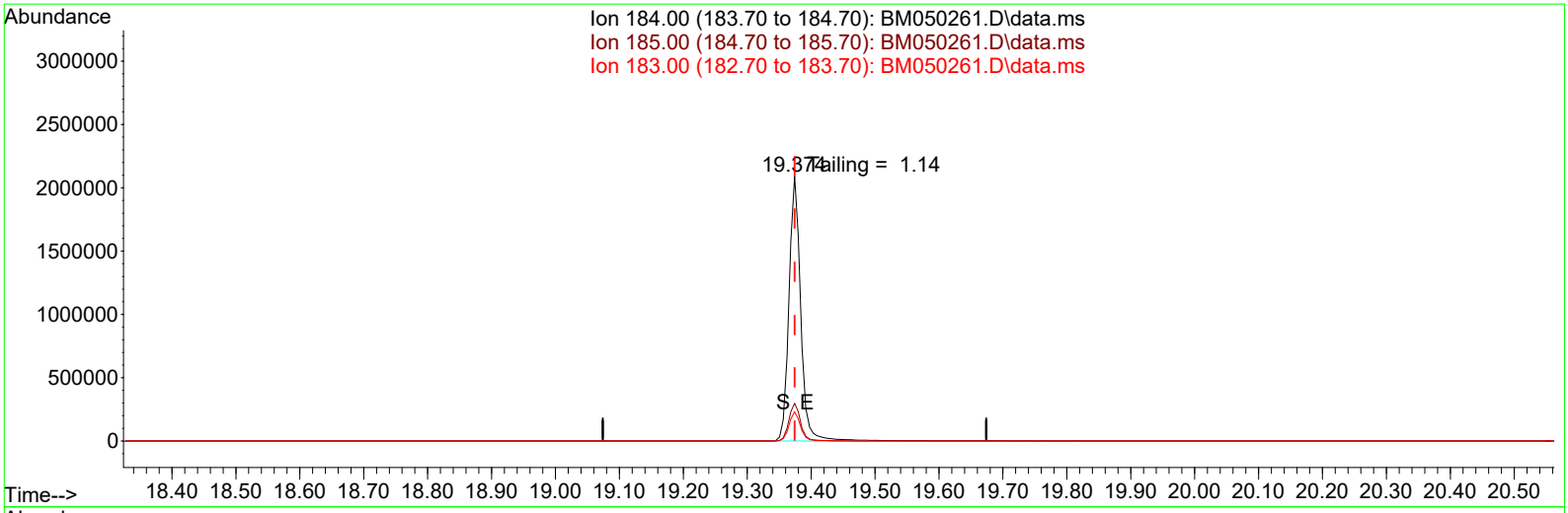
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.15
264.00	63.50	62.70
0.00	0.00	0.00

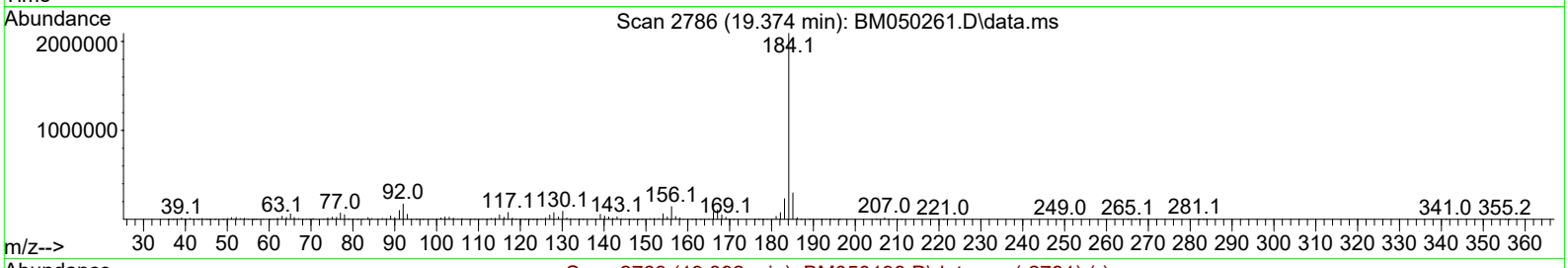
Sample Results: **BM050261.D**

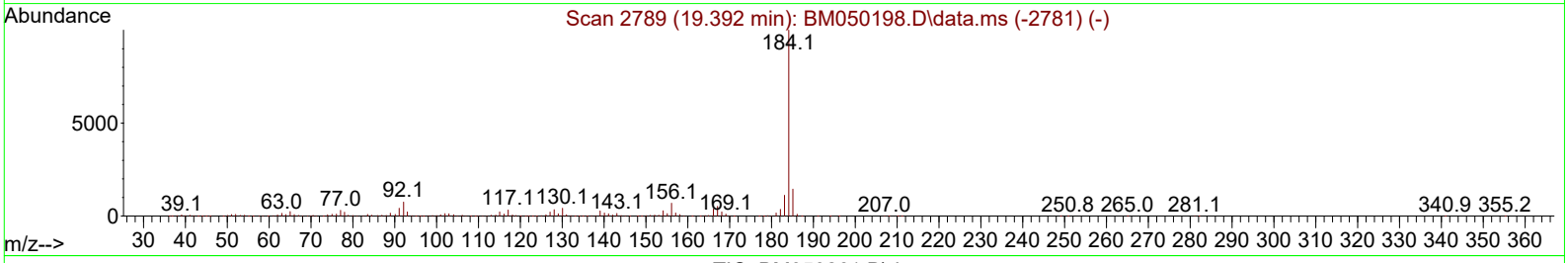
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050261.D
Acq On : 10 Jun 2025 04:09
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jun 10 05:34:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration







TIC: BM050261.D\data.ms

(77) Benzidine

19.374min (-0.000) 99825.69 ng

response 2680856

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.26
183.00	11.20	11.06
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/9/2025	BNA_M	BM050261.D
Compound Name	**Response**	**Retention Time**
DDT	1335236	20.615
DDD	14959	20.233
DDE	1895	19.668
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
16854	1352090	1.25

Instrument :
BNA_M
ClientSampleId :
DFTPP

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168352BL	SDG No.:	Q2235
Lab Sample ID:	PB168352BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050263.D	1	06/09/25 10:45	06/10/25 05:28	PB168352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	151		15 (23) - 110 (138)	101%	SPK: 150
13127-88-3	Phenol-d6	142		15 (10) - 110 (134)	94%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.5		30 (67) - 130 (132)	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.6		30 (52) - 130 (132)	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	156		15 (44) - 110 (137)	104%	SPK: 150
1718-51-0	Terphenyl-d14	88.3		30 (42) - 130 (152)	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	335000	7.763			
1146-65-2	Naphthalene-d8	1240000	10.551			
15067-26-2	Acenaphthene-d10	699000	14.392			
1517-22-2	Phenanthrene-d10	1380000	17.133			
1719-03-5	Chrysene-d12	1500000	21.362			
1520-96-3	Perylene-d12	1570000	24.338			

Raw Data: **BM050263.D**

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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT			Date Collected:			
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:			
Client Sample ID:	PB168352BL			SDG No.:	Q2235		
Lab Sample ID:	PB168352BL			Matrix:	TCLP		
Analytical Method:	8270E			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA		
Extraction Type :			Decanted : N	Level :	LOW		
Injection Volume :			GPC Factor : 1.0	GPC Cleanup :	N	PH :	
Prep Method :	SW3510C						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050263.D	1	06/09/25 10:45	06/10/25 05:28	PB168352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050263.D
Acq On : 10 Jun 2025 05:28
Operator : RC/JU
Sample : PB168352BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168352BL

Quant Time: Jun 10 06:52:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

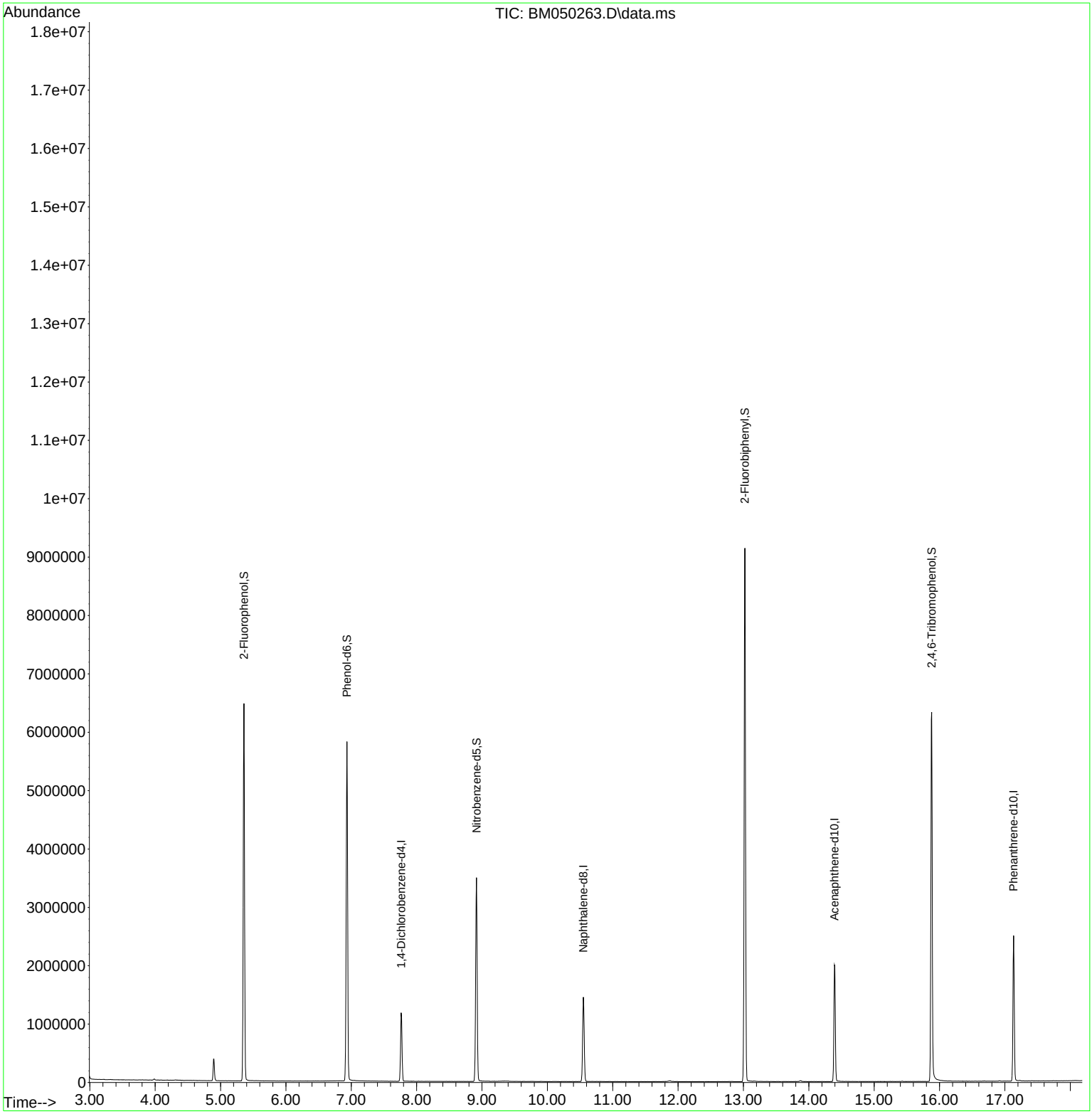
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	334540	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1240838	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	698531	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1381505	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1501560	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1574973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3032395	151.207	ng	0.00
7) Phenol-d6	6.934	99	3739604	141.651	ng	0.00
23) Nitrobenzene-d5	8.916	82	2206555	92.485	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1240049	156.073	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4725754	91.592	ng	0.00
79) Terphenyl-d14	19.762	244	6998812	88.328	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050263.D
Acq On : 10 Jun 2025 05:28
Operator : RC/JU
Sample : PB168352BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168352BL

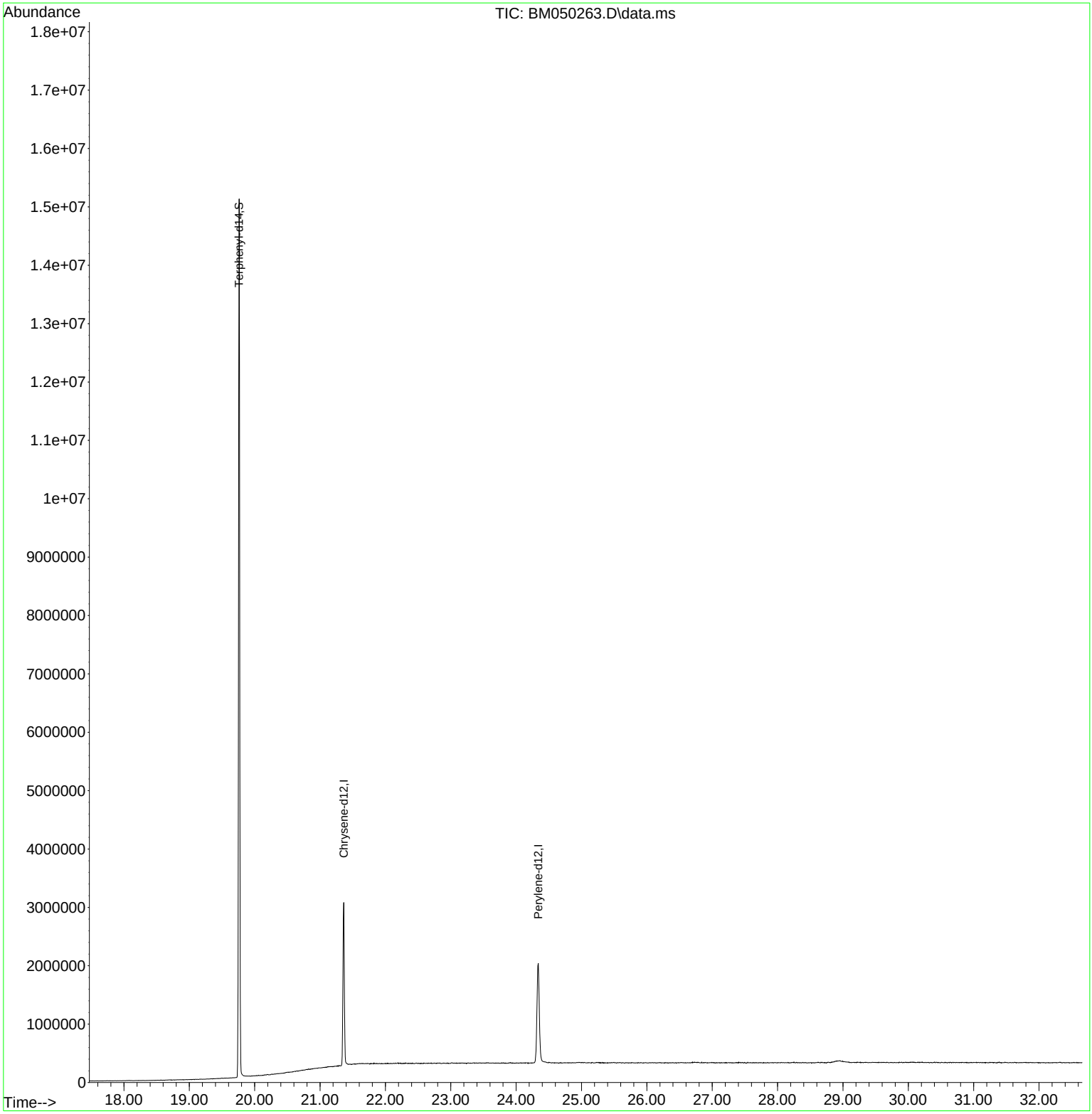
Quant Time: Jun 10 06:52:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

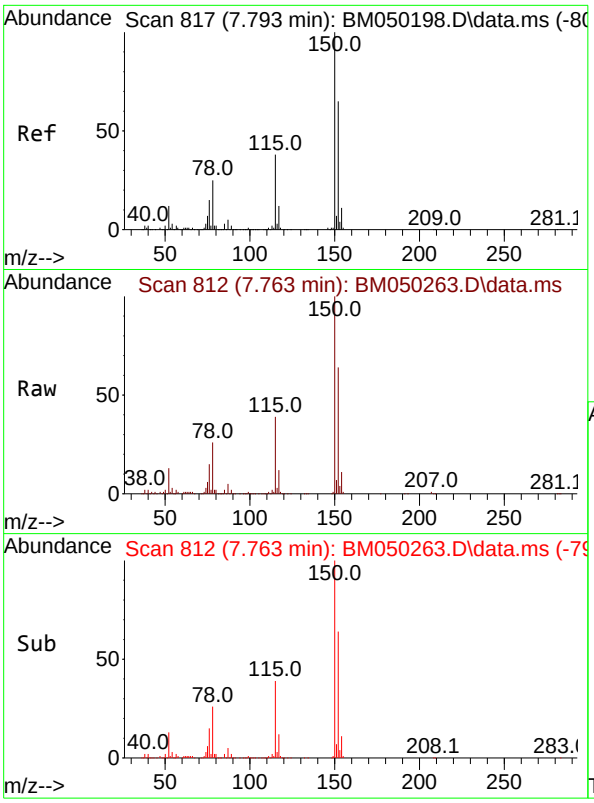


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050263.D
Acq On : 10 Jun 2025 05:28
Operator : RC/JU
Sample : PB168352BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB168352BL

Quant Time: Jun 10 06:52:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



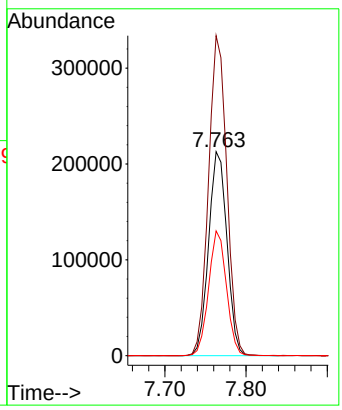


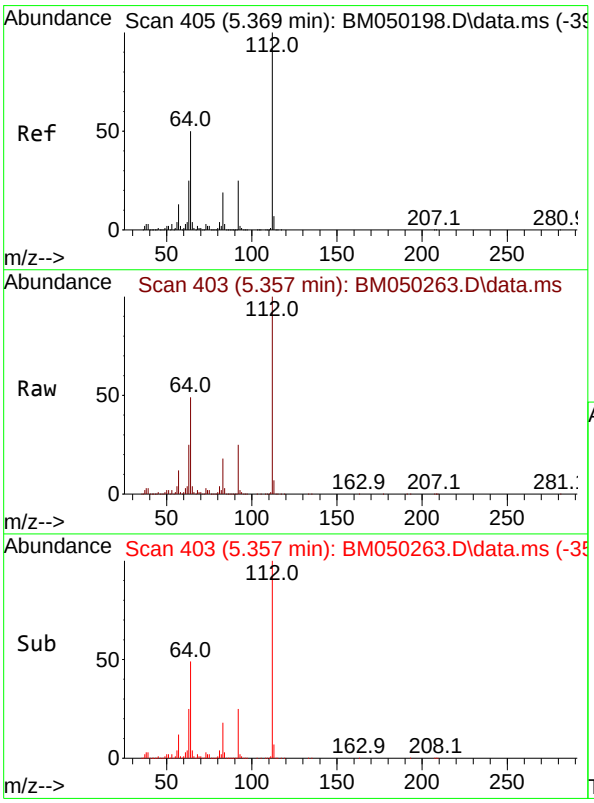
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Instrument :
BNA_M
ClientSampleId :
PB168352BL

Tgt Ion:152 Resp: 334540

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.2	183.4
115	61.2	46.3	69.5

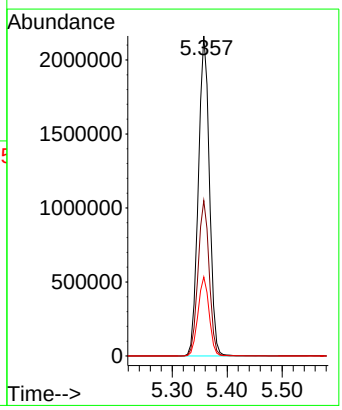


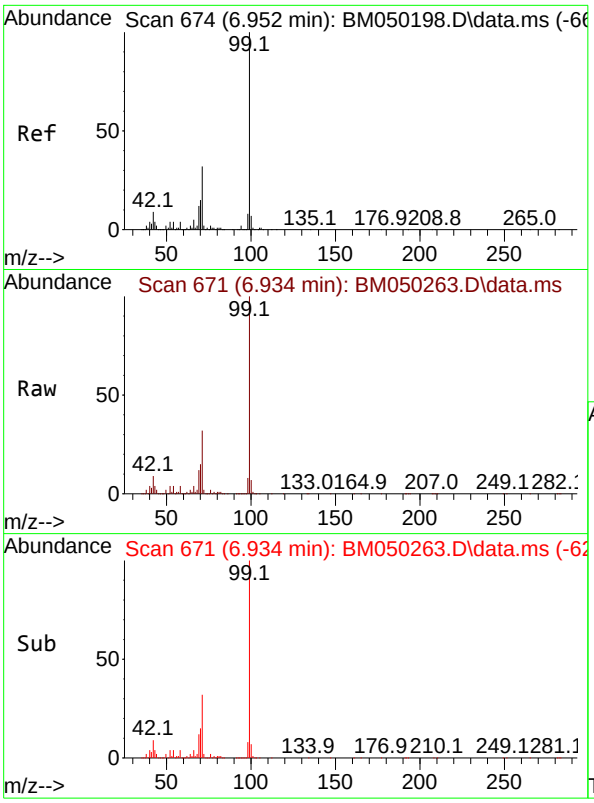


#5
2-Fluorophenol
Concen: 151.207 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Tgt Ion:112 Resp: 3032395

Ion	Ratio	Lower	Upper
112	100		
64	48.5	39.8	59.6
63	24.7	19.8	29.8



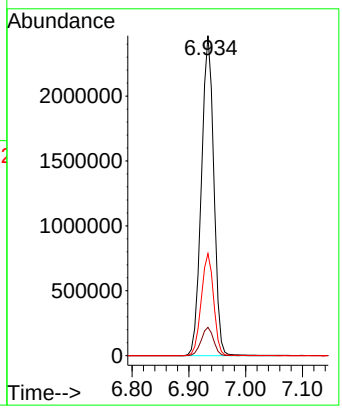


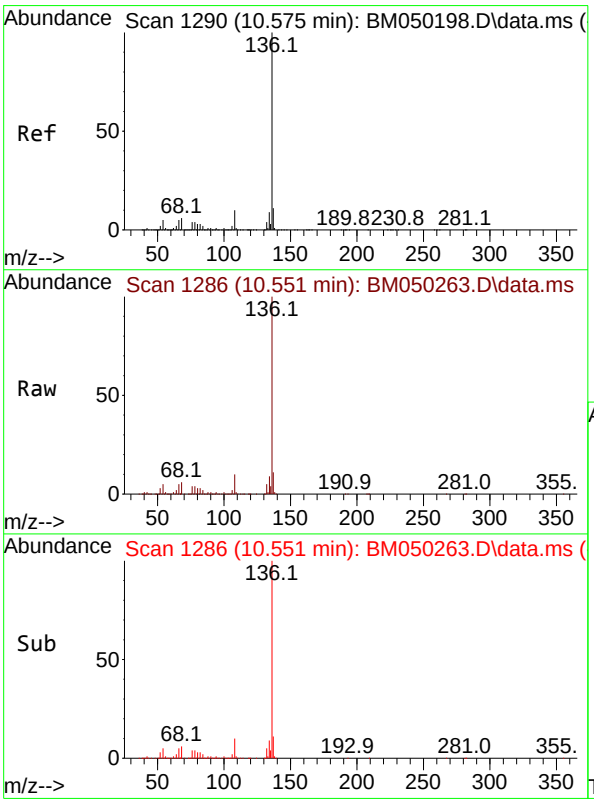
#7
Phenol-d6
Concen: 141.651 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Instrument :
BNA_M
ClientSampleId :
PB168352BL

Tgt Ion: 99 Resp: 3739604

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	31.9	25.3	37.9

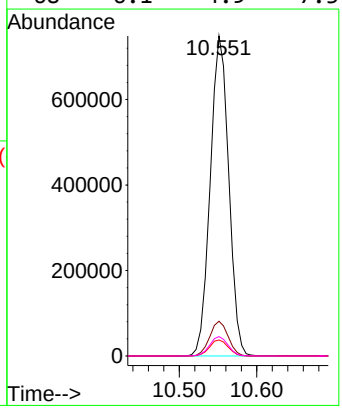


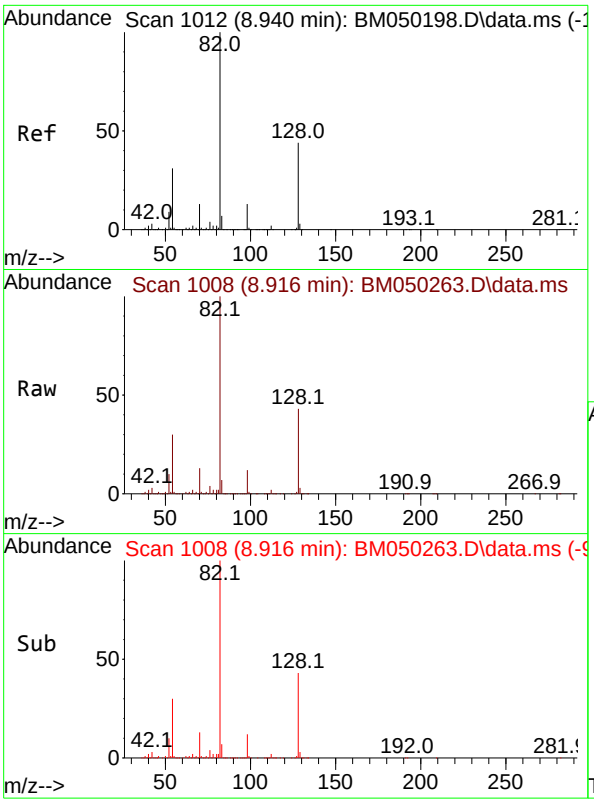


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Tgt Ion:136 Resp: 1240838

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.0	3.8	5.8
68	6.1	4.9	7.3



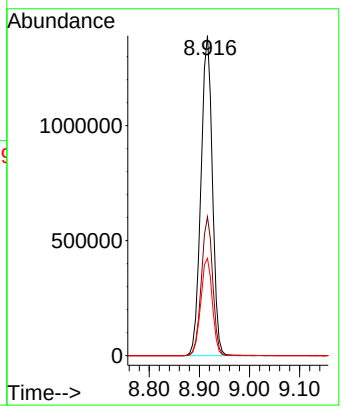


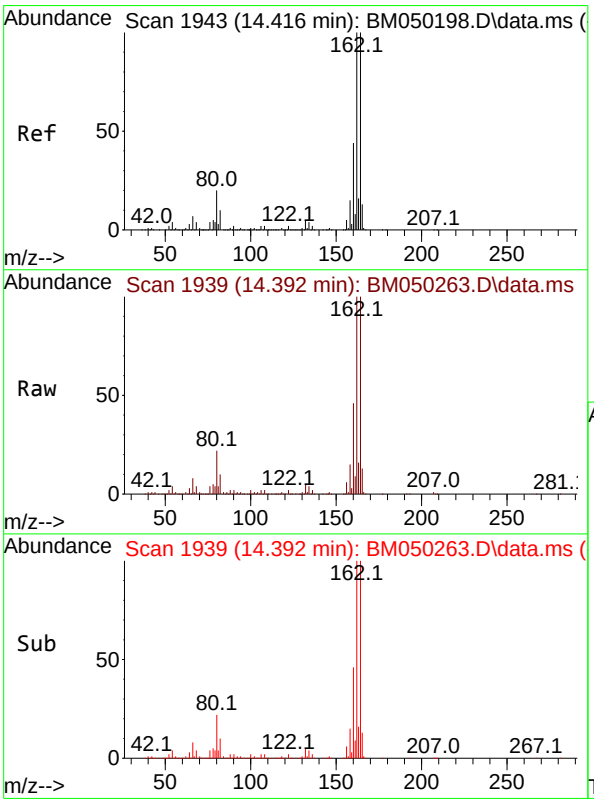
#23
Nitrobenzene-d5
Concen: 92.485 ng
RT: 8.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Instrument :
BNA_M
ClientSampleId :
PB168352BL

Tgt Ion: 82 Resp: 2206555

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.2	52.8
54	30.4	24.5	36.7

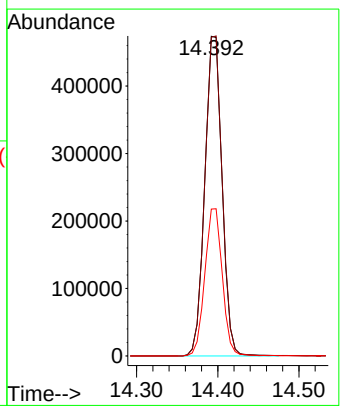


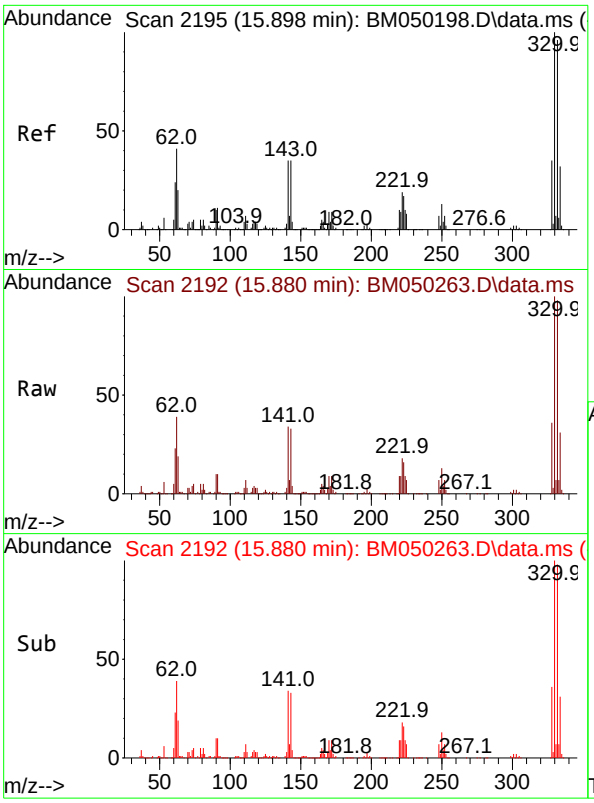


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Tgt Ion:164 Resp: 698531

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.4
160	46.0	35.7	53.5



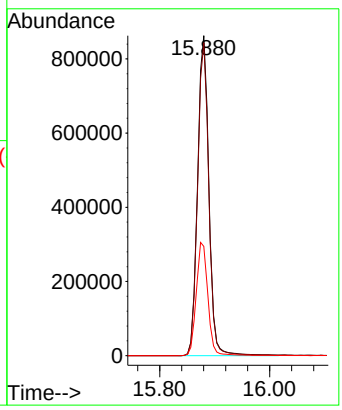


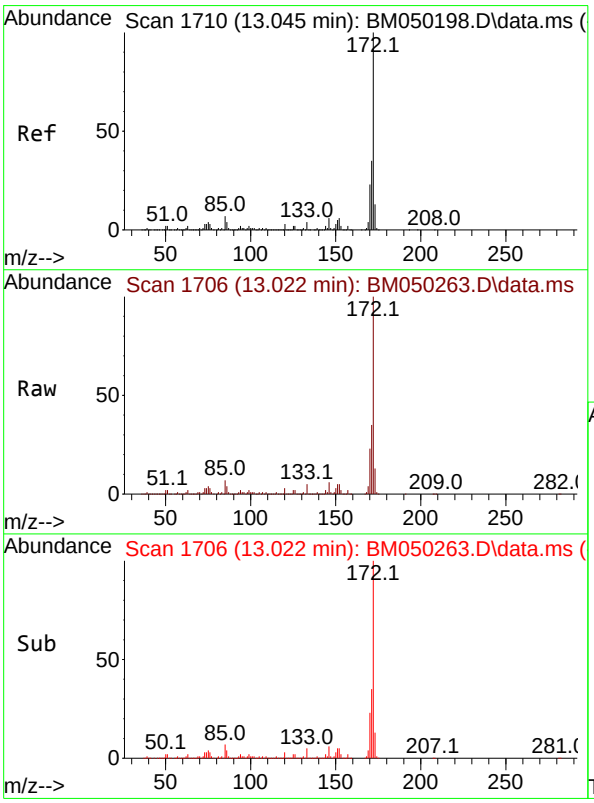
#42
2,4,6-Tribromophenol
Concen: 156.073 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Instrument :
BNA_M
ClientSampleId :
PB168352BL

Tgt Ion:330 Resp: 1240049

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	36.2	28.8	43.2

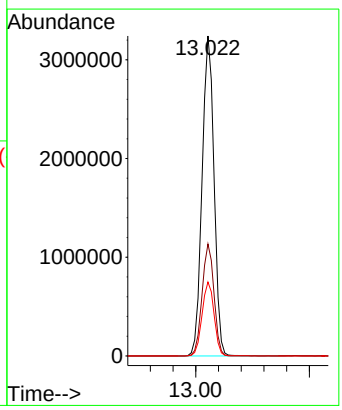


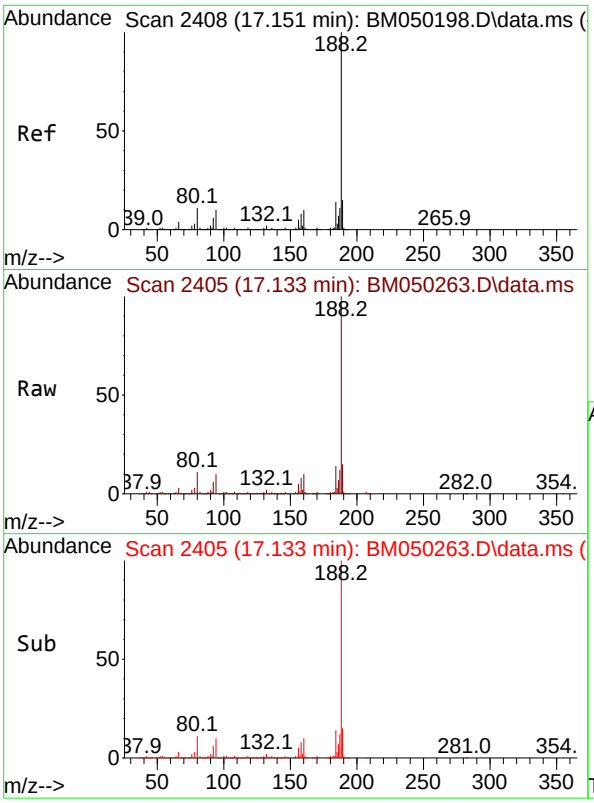


#45
2-Fluorobiphenyl
Concen: 91.592 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Tgt Ion:172 Resp: 4725754

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.1	18.6	27.8



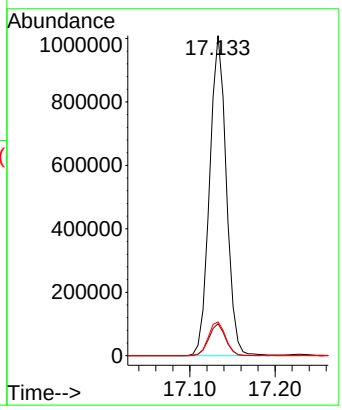


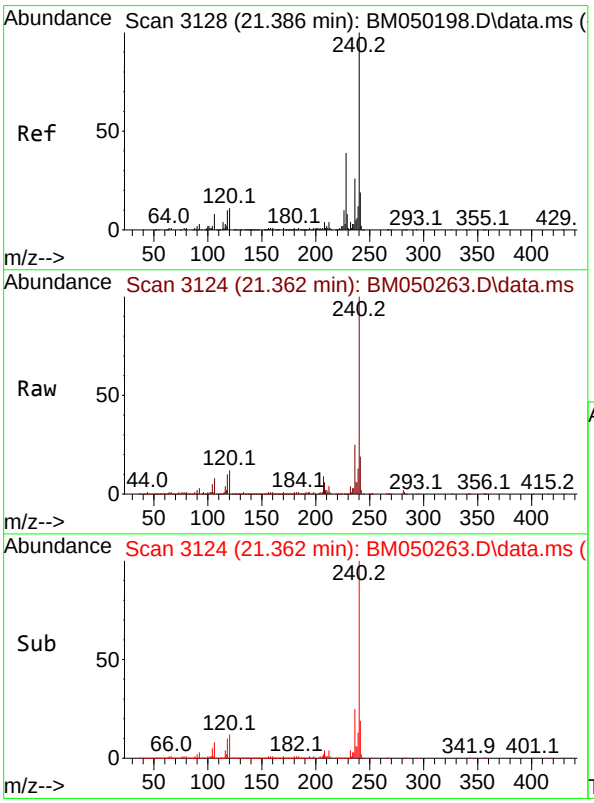
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Instrument :
BNA_M
ClientSampleId :
PB168352BL

Tgt Ion:188 Resp: 1381505

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	10.6	8.6	13.0

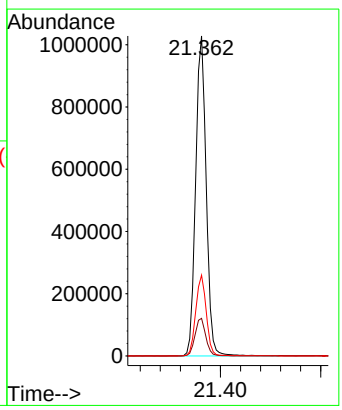


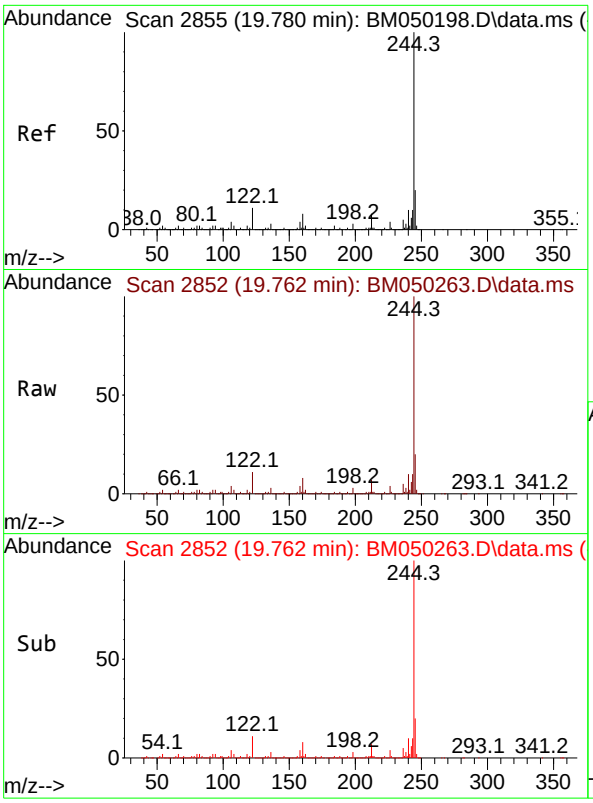


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Tgt Ion:240 Resp: 1501560

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	25.3	20.7	31.1



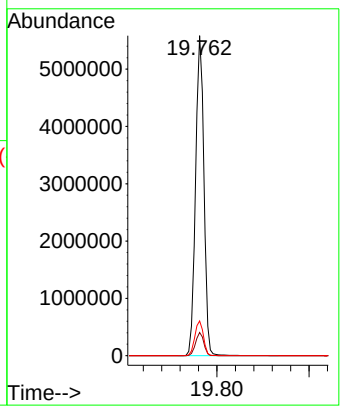


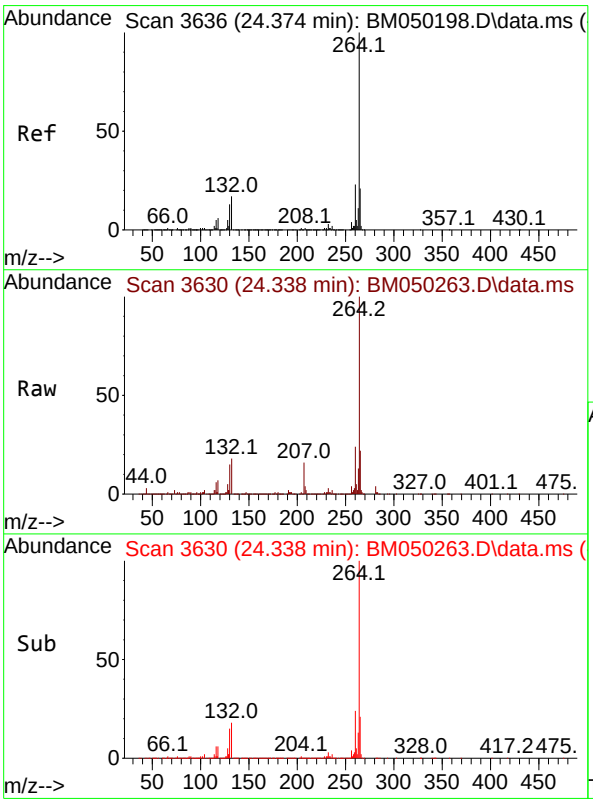
#79
Terphenyl-d14
Concen: 88.328 ng
RT: 19.762 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Instrument :
BNA_M
ClientSampleId :
PB168352BL

Tgt Ion:244 Resp: 6998812

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

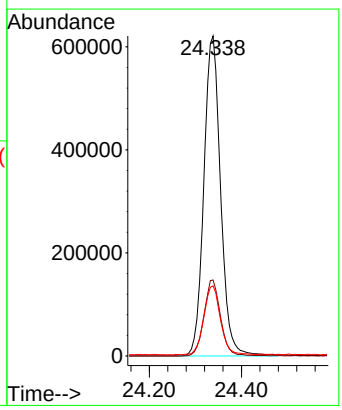




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BM050263.D
Acq: 10 Jun 2025 05:28

Tgt Ion:264 Resp: 1574973

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.9	16.8	25.2



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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168352BS	SDG No.:	Q2235
Lab Sample ID:	PB168352BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050264.D	1	06/09/25 10:45	06/10/25 06:07	PB168352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	43.6		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	46.9		0.53	5.00	ug/L
95-48-7	2-Methylphenol	49.2		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	49.6		1.10	10.0	ug/L
67-72-1	Hexachloroethane	49.5		0.65	5.00	ug/L
98-95-3	Nitrobenzene	51.3		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	48.2		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	52.5		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	52.9		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	58.9		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	52.0		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	146		15 (23) - 110 (138)	97%	SPK: 150
13127-88-3	Phenol-d6	140		15 (10) - 110 (134)	93%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.6		30 (67) - 130 (132)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.1		30 (52) - 130 (132)	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		15 (44) - 110 (137)	102%	SPK: 150
1718-51-0	Terphenyl-d14	86.8		30 (42) - 130 (152)	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	334000	7.763			
1146-65-2	Naphthalene-d8	1310000	10.551			
15067-26-2	Acenaphthene-d10	755000	14.398			
1517-22-2	Phenanthrene-d10	1420000	17.133			
1719-03-5	Chrysene-d12	1520000	21.368			
1520-96-3	Perylene-d12	1660000	24.339			

Raw Data: **BM050264.D**

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

Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	
Client Sample ID:	PB168352BS			SDG No.:	Q2235
Lab Sample ID:	PB168352BS			Matrix:	TCLP
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050264.D	1	06/09/25 10:45	06/10/25 06:07	PB168352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050264.D
Acq On : 10 Jun 2025 06:07
Operator : RC/JU
Sample : PB168352BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 10 06:53:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168352BS

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	7.763	152	333914	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1311547	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	754658	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1423727	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1520709	20.000	ng	0.00
86) Perylene-d12	24.339	264	1658221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2923158	146.033	ng	0.00
7) Phenol-d6	6.934	99	3690740	140.063	ng	0.00
23) Nitrobenzene-d5	8.916	82	2233083	88.551	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1315918	153.304	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4797135	86.060	ng	0.00
79) Terphenyl-d14	19.762	244	6968788	86.841	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	340181	38.770	ng	95
3) Pyridine	3.669	79	991163	43.620	ng	98
4) n-Nitrosodimethylamine	3.581	42	225565	48.006	ng	97
6) Aniline	7.093	93	1261529	36.214	ng	97
8) 2-Chlorophenol	7.334	128	1112221	50.515	ng	98
9) Benzaldehyde	6.904	77	568218	33.917	ng	100
10) Phenol	6.963	94	1412735	50.671	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	1096770	48.907	ng	98
12) 1,3-Dichlorobenzene	7.657	146	1171169	47.580	ng	98
13) 1,4-Dichlorobenzene	7.798	146	1200936	46.892	ng	99
14) 1,2-Dichlorobenzene	8.116	146	1150887	47.139	ng	98
15) Benzyl Alcohol	8.004	79	923134	49.118	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	818561	52.545	ng	97
17) 2-Methylphenol	8.204	107	904893	49.189	ng	97
18) Hexachloroethane	8.845	117	458802	49.468	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	786038	48.746	ng	99
20) 3+4-Methylphenols	8.534	107	1220427	49.586	ng	99
22) Acetophenone	8.581	105	1613029	49.228	ng	99
24) Nitrobenzene	8.957	77	1176763	51.308	ng	98
25) Isophorone	9.487	82	2138641	49.135	ng	100
26) 2-Nitrophenol	9.663	139	500374	50.542	ng	96
27) 2,4-Dimethylphenol	9.734	122	1027023	50.488	ng	100
28) bis(2-Chloroethoxy)met...	9.969	93	1439847	50.637	ng	100
29) 2,4-Dichlorophenol	10.198	162	968227	51.435	ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	1026445	49.001	ng	99
31) Naphthalene	10.604	128	3253648	47.982	ng	100
32) Benzoic acid	9.857	122	633129	49.525	ng	99
33) 4-Chloroaniline	10.704	127	761701	26.347	ng	99
34) Hexachlorobutadiene	10.898	225	600603	48.203	ng	99
35) Caprolactam	11.481	113	299123m	50.122	ng	
36) 4-Chloro-3-methylphenol	11.833	107	1025222	51.040	ng	100
37) 2-Methylnaphthalene	12.216	142	2016294	49.289	ng	99
38) 1-Methylnaphthalene	12.439	142	2115216	48.717	ng	99
40) 1,2,4,5-Tetrachloroben...	12.586	216	1090962	50.064	ng	99
41) Hexachlorocyclopentadiene	12.575	237	1406851	106.306	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	751627	52.450	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050264.D
Acq On : 10 Jun 2025 06:07
Operator : RC/JU
Sample : PB168352BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 10 06:53:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168352BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	831872	52.871	ng	98
46) 1,1'-Biphenyl	13.233	154	2818663	49.881	ng	99
47) 2-Chloronaphthalene	13.269	162	2178306	49.584	ng	99
48) 2-Nitroaniline	13.469	65	565550	58.499	ng	95
49) Acenaphthylene	14.116	152	3592939	50.565	ng	100
50) Dimethylphthalate	13.857	163	2653207	51.986	ng	99
51) 2,6-Dinitrotoluene	13.969	165	566954	55.084	ng	96
52) Acenaphthene	14.463	154	2142880	48.215	ng	100
53) 3-Nitroaniline	14.292	138	393184	34.276	ng	100
54) 2,4-Dinitrophenol	14.498	184	533234	89.355	ng	96
55) Dibenzofuran	14.798	168	3297110	50.708	ng	99
56) 4-Nitrophenol	14.604	139	1171665	120.006	ng	98
57) 2,4-Dinitrotoluene	14.751	165	799521	58.887	ng	96
58) Fluorene	15.445	166	2563768	51.480	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	729601m	53.596	ng	
60) Diethylphthalate	15.227	149	2700060	53.319	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1240228	51.528	ng	97
62) 4-Nitroaniline	15.457	138	602665	56.055	ng	99
63) Azobenzene	15.733	77	2693437	53.214	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	396144	50.943	ng	98
66) n-Nitrosodiphenylamine	15.651	169	2304314	51.511	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	787638	51.878	ng	98
68) Hexachlorobenzene	16.445	284	922265	51.992	ng	99
69) Atrazine	16.604	200	814129	57.117	ng	100
70) Pentachlorophenol	16.786	266	1318637	114.339	ng	99
71) Phenanthrene	17.180	178	4203765	51.686	ng	99
72) Anthracene	17.268	178	4262245	52.384	ng	99
73) Carbazole	17.533	167	4035831	54.446	ng	99
74) Di-n-butylphthalate	18.115	149	4624100	57.333	ng	99
75) Fluoranthene	19.192	202	4747982	55.356	ng	100
77) Benzidine	19.374	184	1720352	40.229	ng	100
78) Pyrene	19.551	202	5054422	49.313	ng	100
80) Butylbenzylphthalate	20.462	149	2005247	58.652	ng	97
81) Benzo(a)anthracene	21.350	228	5042893	52.391	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	1108524	37.765	ng	100
83) Chrysene	21.409	228	4818888	52.631	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	3140586	59.636	ng	99
85) Di-n-octyl phthalate	22.427	149	5083521	65.052	ng	100
87) Indeno(1,2,3-cd)pyrene	27.703	276	6192744	58.001	ng	100
88) Benzo(b)fluoranthene	23.403	252	5189054	53.823	ng	100
89) Benzo(k)fluoranthene	23.468	252	5163179	52.460	ng	100
90) Benzo(a)pyrene	24.203	252	4948650	54.593	ng	99
91) Dibenzo(a,h)anthracene	27.762	278	5037803	58.130	ng	98
92) Benzo(g,h,i)perylene	28.744	276	5052425	58.247	ng	99

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

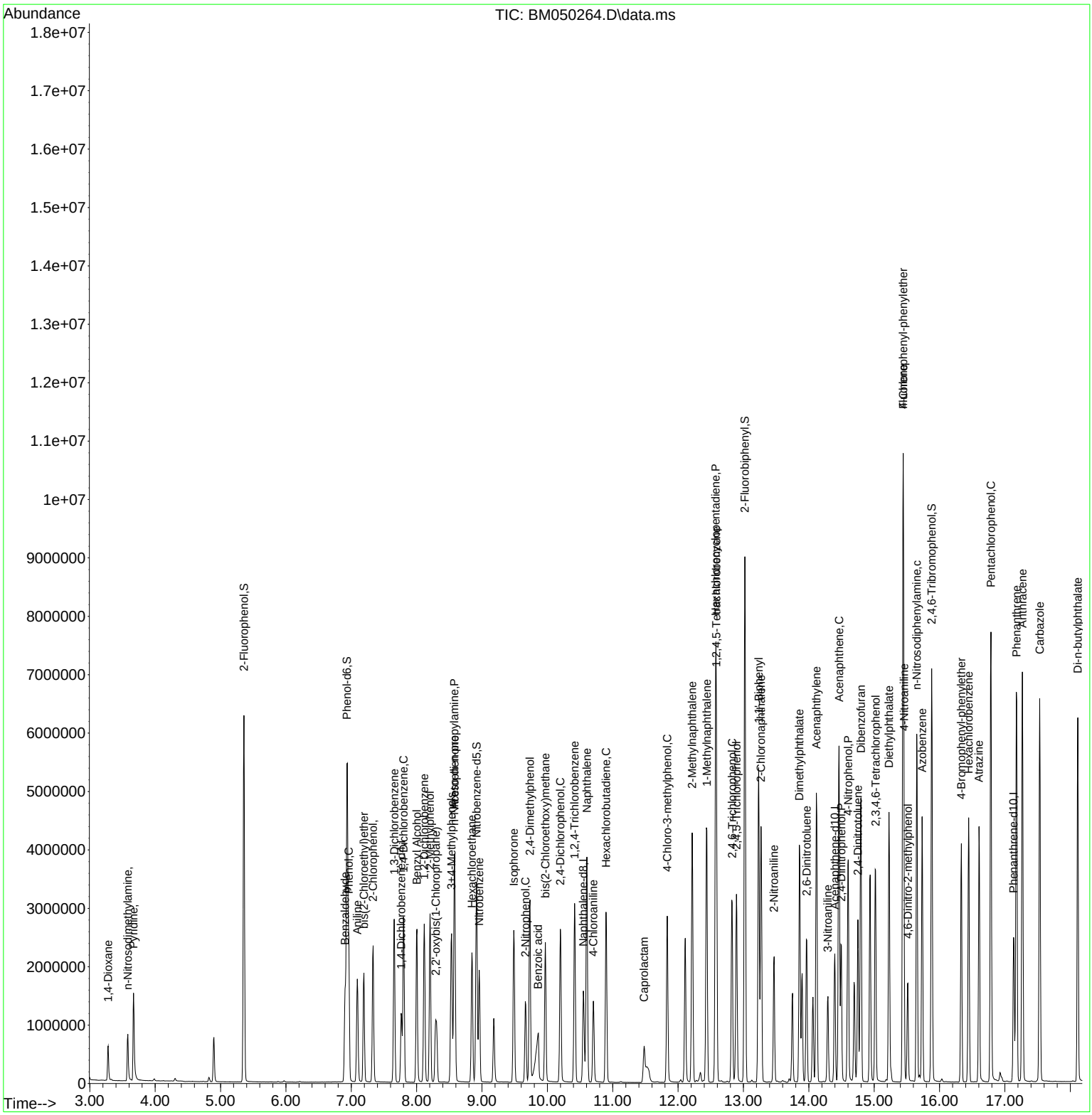
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050264.D
Acq On : 10 Jun 2025 06:07
Operator : RC/JU
Sample : PB168352BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 10 06:53:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168352BS

Manual Integrations APPROVED

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



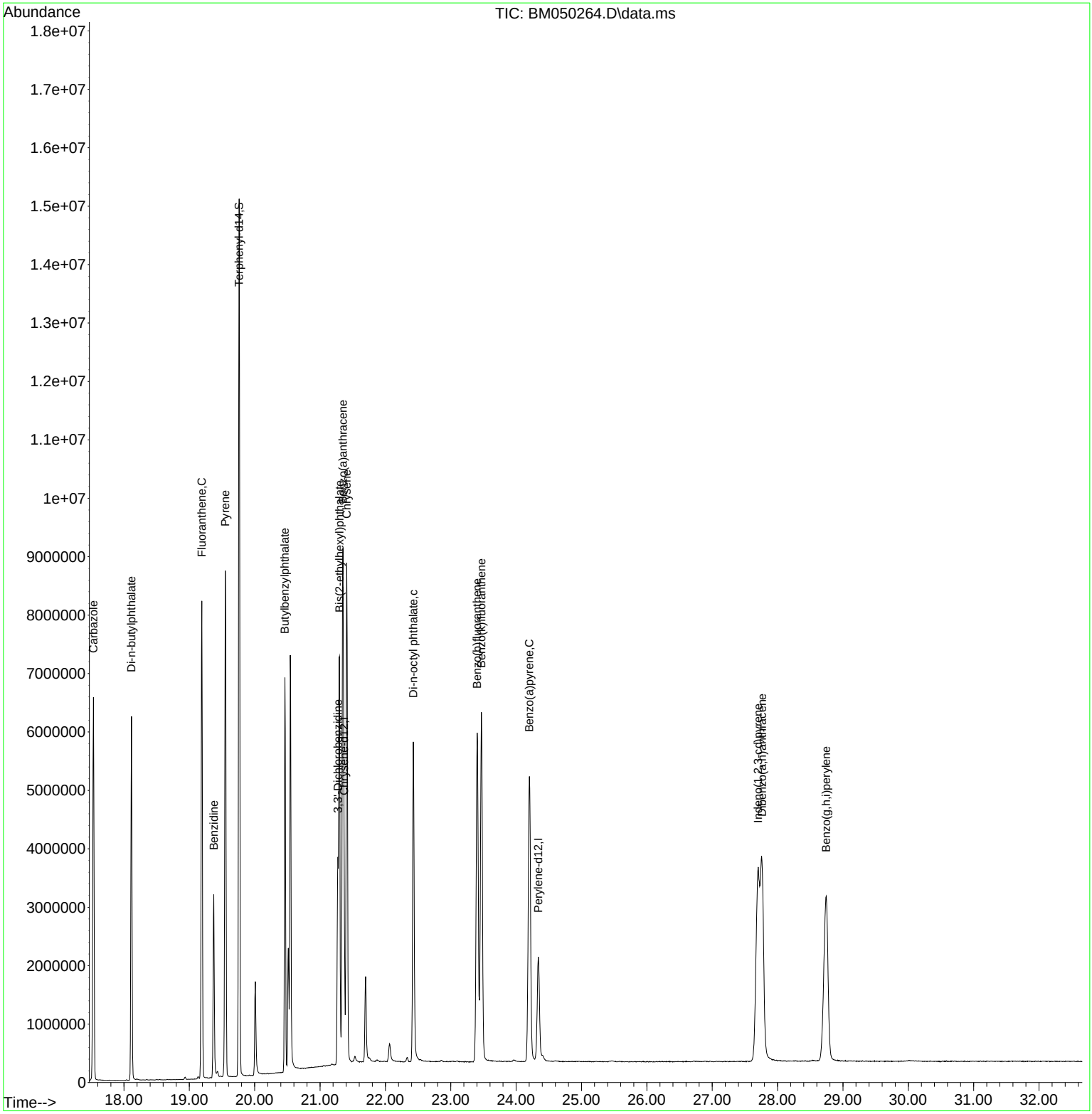
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050264.D
Acq On : 10 Jun 2025 06:07
Operator : RC/JU
Sample : PB168352BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 10 06:53:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB168352BS

Manual Integrations APPROVED

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



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

Report of Analysis

Client:	ENTACT	Date Collected:	06/02/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	TP06-MHI-WCMS	SDG No.:	Q2235
Lab Sample ID:	Q2226-04MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050250.D	1	06/09/25 10:45	06/09/25 20:19	PB168352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	360		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	400		5.30	50.0	ug/L
95-48-7	2-Methylphenol	430		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	430		11.0	100	ug/L
67-72-1	Hexachloroethane	420		6.50	50.0	ug/L
98-95-3	Nitrobenzene	470		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	430		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	480		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	480		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	520		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	490		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	990	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	125		15 (23) - 110 (138)	83%	SPK: 150
13127-88-3	Phenol-d6	111		15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.6		30 (67) - 130 (132)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.0		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		15 (44) - 110 (137)	88%	SPK: 150
1718-51-0	Terphenyl-d14	83.3		30 (42) - 130 (152)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	393000	7.769			
1146-65-2	Naphthalene-d8	1520000	10.558			
15067-26-2	Acenaphthene-d10	827000	14.398			
1517-22-2	Phenanthrene-d10	1460000	17.139			
1719-03-5	Chrysene-d12	1330000	21.369			
1520-96-3	Perylene-d12	1380000	24.345			

Raw Data: **BM050250.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	06/02/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	TP06-MHI-WCMS	SDG No.:	Q2235
Lab Sample ID:	Q2226-04MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050250.D	1	06/09/25 10:45	06/09/25 20:19	PB168352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BM050250.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050250.D
Acq On : 09 Jun 2025 20:19
Operator : RC/JU
Sample : Q2226-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 10 01:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP06-MHI-WCMS

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	392950	20.000	ng	0.00
21) Naphthalene-d8	10.558	136	1521763	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	827375	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1462387	20.000	ng	0.00
76) Chrysene-d12	21.369	240	1332936	20.000	ng	0.00
86) Perylene-d12	24.345	264	1379954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2937446	124.700	ng	0.00
7) Phenol-d6	6.934	99	3430486	110.627	ng	0.00
23) Nitrobenzene-d5	8.916	82	2445053	83.563	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1247878	132.601	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	4888299	79.988	ng	0.00
79) Terphenyl-d14	19.763	244	5857343	83.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	388538	37.629	ng	# 73
3) Pyridine	3.682	79	966583	36.148	ng	96
4) n-Nitrosodimethylamine	3.587	42	245837	44.460	ng	97
6) Aniline	7.099	93	721210	17.593	ng	98
8) 2-Chlorophenol	7.334	128	1168140	45.083	ng	98
9) Benzaldehyde	6.905	77	453430	22.999	ng	96
10) Phenol	6.964	94	1296102	39.503	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	1187468	44.996	ng	98
12) 1,3-Dichlorobenzene	7.658	146	1166230	40.261	ng	98
13) 1,4-Dichlorobenzene	7.805	146	1214259	40.289	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1179906	41.067	ng	99
15) Benzyl Alcohol	8.005	79	994445	44.963	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.299	45	905020	49.367	ng	95
17) 2-Methylphenol	8.205	107	938045	43.331	ng	99
18) Hexachloroethane	8.852	117	461080	42.245	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	842877	44.418	ng	97
20) 3+4-Methylphenols	8.534	107	1243110	42.920	ng	99
22) Acetophenone	8.587	105	1692937	44.530	ng	# 99
24) Nitrobenzene	8.958	77	1256342	47.211	ng	97
25) Isophorone	9.487	82	2303628	45.614	ng	99
26) 2-Nitrophenol	9.669	139	547550	47.667	ng	97
27) 2,4-Dimethylphenol	9.734	122	1078632	45.700	ng	100
28) bis(2-Chloroethoxy)met...	9.969	93	1539341	46.658	ng	99
29) 2,4-Dichlorophenol	10.205	162	1002287	45.889	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1063647	43.762	ng	100
31) Naphthalene	10.605	128	3430345	43.600	ng	100
32) Benzoic acid	9.858	122	630781	42.526	ng	97
33) 4-Chloroaniline	10.710	127	306819	9.147	ng	98
34) Hexachlorobutadiene	10.899	225	619791	42.871	ng	100
35) Caprolactam	11.481	113	238482	34.440	ng	90
36) 4-Chloro-3-methylphenol	11.834	107	1028377	44.125	ng	99
37) 2-Methylnaphthalene	12.216	142	2119896	44.663	ng	98
38) 1-Methylnaphthalene	12.440	142	2209544	43.860	ng	99
40) 1,2,4,5-Tetrachloroben...	12.587	216	1122982	47.004	ng	99
41) Hexachlorocyclopentadiene	12.581	237	1415330	97.547	ng	97
43) 2,4,6-Trichlorophenol	12.828	196	760650	48.414	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050250.D
Acq On : 09 Jun 2025 20:19
Operator : RC/JU
Sample : Q2226-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 10 01:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP06-MHI-WCMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	832691	48.272	ng		98
46) 1,1'-Biphenyl	13.234	154	2928102	47.263	ng		99
47) 2-Chloronaphthalene	13.275	162	2248213	46.678	ng		99
48) 2-Nitroaniline	13.469	65	562921	53.110	ng		94
49) Acenaphthylene	14.116	152	3621022	46.481	ng		100
50) Dimethylphthalate	13.863	163	2619856	46.821	ng		100
51) 2,6-Dinitrotoluene	13.969	165	557207	49.379	ng		96
52) Acenaphthene	14.463	154	2154317	44.212	ng		99
53) 3-Nitroaniline	14.293	138	339356	26.984	ng		100
54) 2,4-Dinitrophenol	14.498	184	609950	94.097	ng		95
55) Dibenzofuran	14.798	168	3304639	46.357	ng		100
56) 4-Nitrophenol	14.598	139	978143	91.379	ng		97
57) 2,4-Dinitrotoluene	14.751	165	767682	51.572	ng		97
58) Fluorene	15.445	166	2523640	46.221	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	700206m	46.916	ng		
60) Diethylphthalate	15.228	149	2611641	47.041	ng		99
61) 4-Chlorophenyl-phenyle...	15.445	204	1219957	46.231	ng		98
62) 4-Nitroaniline	15.457	138	537036	45.560	ng		99
63) Azobenzene	15.734	77	2612861	47.085	ng		98
65) 4,6-Dinitro-2-methylph...	15.516	198	385706	48.290	ng		99
66) n-Nitrosodiphenylamine	15.657	169	2213402	48.171	ng		100
67) 4-Bromophenyl-phenylether	16.334	248	768128	49.256	ng		100
68) Hexachlorobenzene	16.445	284	884845	48.564	ng		99
69) Atrazine	16.610	200	734379	50.160	ng		100
70) Pentachlorophenol	16.787	266	1177160	99.373	ng		99
71) Phenanthrene	17.181	178	3861939	46.228	ng		99
72) Anthracene	17.269	178	3937922	47.119	ng		100
73) Carbazole	17.534	167	3576865	46.979	ng		100
74) Di-n-butylphthalate	18.116	149	4215930	50.890	ng		100
75) Fluoranthene	19.192	202	4091775	46.445	ng		99
77) Benzidine	19.375	184	358876	9.574	ng		99
78) Pyrene	19.557	202	4304284	47.910	ng		99
80) Butylbenzylphthalate	20.469	149	1632985	54.492	ng		99
81) Benzo(a)anthracene	21.351	228	3990464	47.298	ng		100
82) 3,3'-Dichlorobenzidine	21.275	252	824418	32.043	ng		99
83) Chrysene	21.416	228	3797384	47.317	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2525715	54.716	ng		99
85) Di-n-octyl phthalate	22.433	149	3901373	56.957	ng		100
87) Indeno(1,2,3-cd)pyrene	27.703	276	4771886	53.706	ng	#	94
88) Benzo(b)fluoranthene	23.410	252	3868153	48.213	ng		99
89) Benzo(k)fluoranthene	23.474	252	3920735	47.870	ng		100
90) Benzo(a)pyrene	24.204	252	3723908	49.366	ng		100
91) Dibenzo(a,h)anthracene	27.768	278	3892102	53.966	ng		99
92) Benzo(g,h,i)perylene	28.745	276	3923152	54.349	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050250.D
Acq On : 09 Jun 2025 20:19
Operator : RC/JU
Sample : Q2226-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

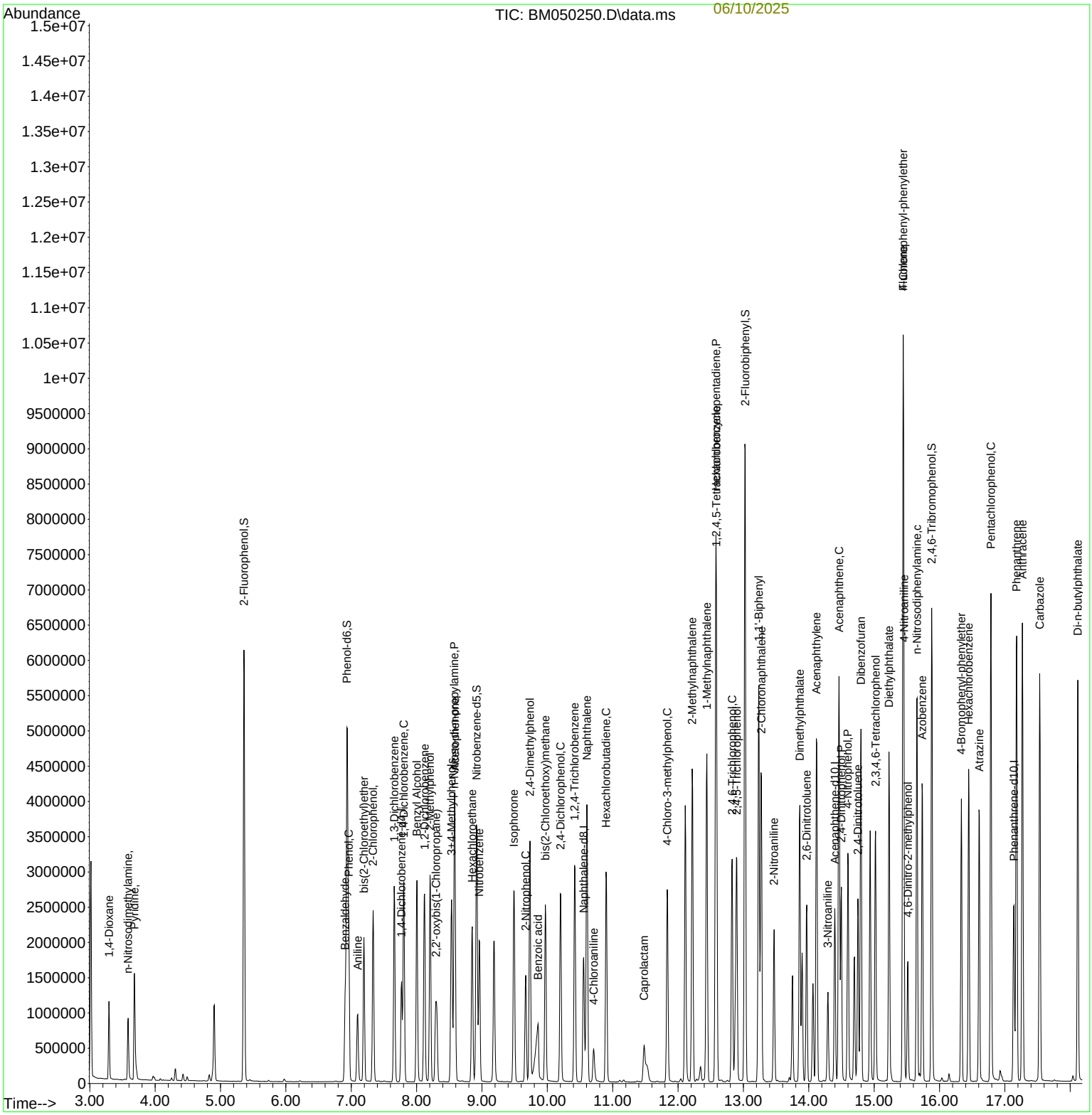
Quant Time: Jun 10 01:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP06-MHI-WCMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
06/10/2025

Supervised By :Jagrut Upadhyay
06/10/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050250.D
Acq On : 09 Jun 2025 20:19
Operator : RC/JU
Sample : Q2226-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

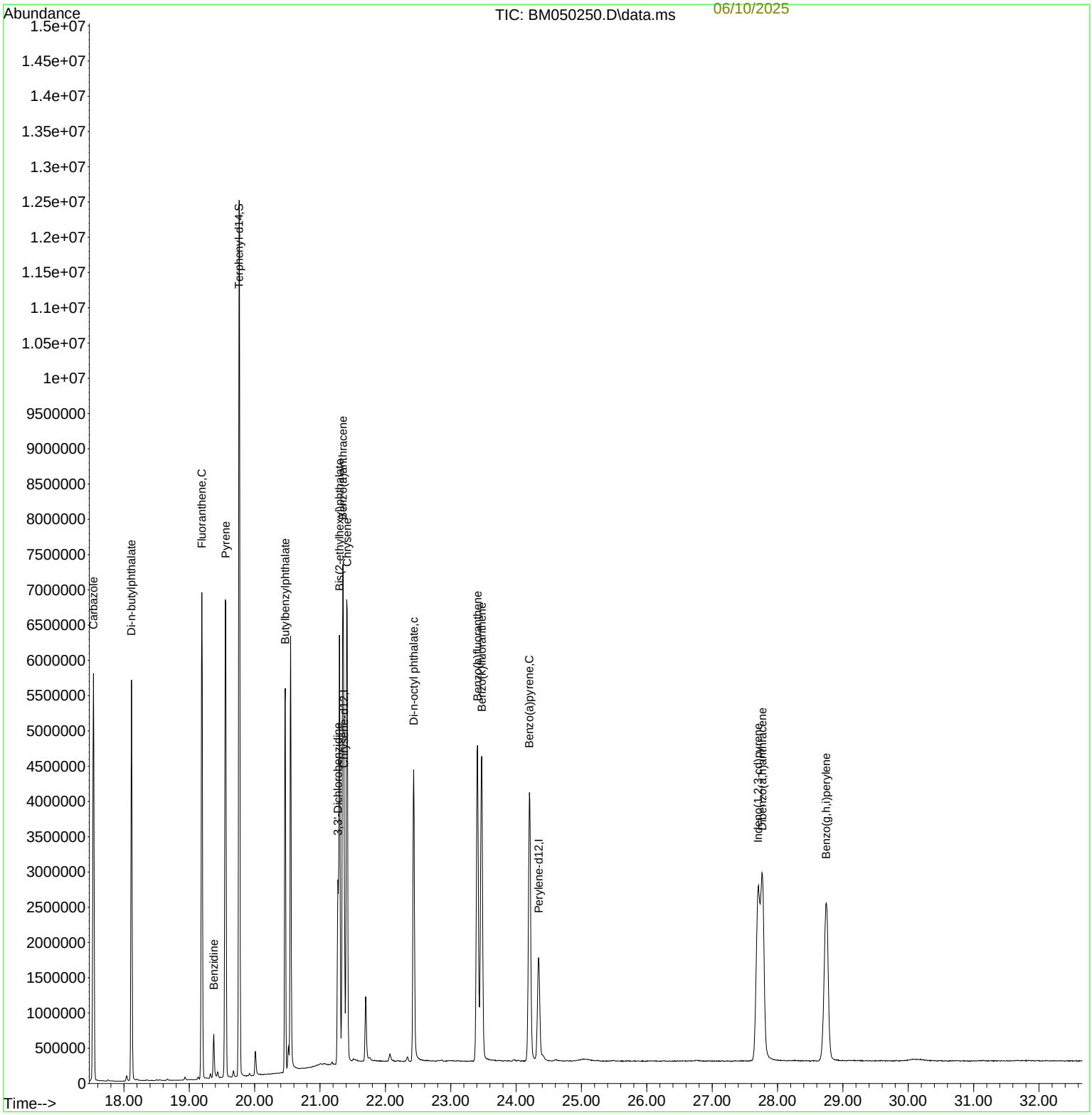
Quant Time: Jun 10 01:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP06-MHI-WCMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025

Supervised By :Jagrut Upadhyay 06/10/2025



Raw Data: **BM050251.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	06/02/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	TP06-MHI-WCMSD	SDG No.:	Q2235
Lab Sample ID:	Q2226-04MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050251.D	1	06/09/25 10:45	06/09/25 20:58	PB168352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	380		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	440		5.30	50.0	ug/L
95-48-7	2-Methylphenol	460		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	460		11.0	100	ug/L
67-72-1	Hexachloroethane	450		6.50	50.0	ug/L
98-95-3	Nitrobenzene	500		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	490		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	530		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	530		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	550		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	530		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1100	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	132		15 (23) - 110 (138)	88%	SPK: 150
13127-88-3	Phenol-d6	118		15 (10) - 110 (134)	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.0		30 (67) - 130 (132)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.3		30 (52) - 130 (132)	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	143		15 (44) - 110 (137)	95%	SPK: 150
1718-51-0	Terphenyl-d14	90.5		30 (42) - 130 (152)	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	396000	7.769			
1146-65-2	Naphthalene-d8	1510000	10.557			
15067-26-2	Acenaphthene-d10	836000	14.398			
1517-22-2	Phenanthrene-d10	1450000	17.139			
1719-03-5	Chrysene-d12	1290000	21.368			
1520-96-3	Perylene-d12	1340000	24.344			

Raw Data: **BM050251.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	06/02/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	TP06-MHI-WCMSD	SDG No.:	Q2235
Lab Sample ID:	Q2226-04MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050251.D	1	06/09/25 10:45	06/09/25 20:58	PB168352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050251.D
Acq On : 09 Jun 2025 20:58
Operator : RC/JU
Sample : Q2226-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP06-MHI-WCMSD

Quant Time: Jun 10 01:27:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	395507	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1511863	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	835521	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1452446	20.000	ng		0.00
76) Chrysene-d12	21.368	240	1291557	20.000	ng		0.00
86) Perylene-d12	24.344	264	1337173	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	3126533	131.869	ng		0.00
7) Phenol-d6	6.940	99	3679931	117.904	ng		0.00
23) Nitrobenzene-d5	8.922	82	2614873	89.952	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1359589	143.063	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	5328381	86.339	ng		0.00
79) Terphenyl-d14	19.762	244	6171435	90.550	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	410805	39.528	ng	#	78
3) Pyridine	3.681	79	1012714	37.628	ng		99
4) n-Nitrosodimethylamine	3.587	42	254911	45.803	ng		96
6) Aniline	7.098	93	692920	16.794	ng		100
8) 2-Chlorophenol	7.334	128	1261327	48.365	ng		99
9) Benzaldehyde	6.910	77	470499	23.710	ng		99
10) Phenol	6.963	94	1374952	41.635	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	1256020	47.286	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1284181	44.046	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1332501	43.927	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1289747	44.600	ng		99
15) Benzyl Alcohol	8.004	79	1057318	47.497	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	867084	46.991	ng		99
17) 2-Methylphenol	8.210	107	1009984	46.352	ng		99
18) Hexachloroethane	8.851	117	492829	44.862	ng		98
19) n-Nitroso-di-n-propyla...	8.575	70	889624	46.578	ng		99
20) 3+4-Methylphenols	8.534	107	1333740	45.751	ng		100
22) Acetophenone	8.587	105	1836141	48.613	ng	#	99
24) Nitrobenzene	8.963	77	1324519	50.098	ng		100
25) Isophorone	9.492	82	2452735	48.885	ng		99
26) 2-Nitrophenol	9.669	139	608472	53.317	ng		99
27) 2,4-Dimethylphenol	9.734	122	1160854	49.506	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	1638720	49.995	ng		100
29) 2,4-Dichlorophenol	10.204	162	1109642	51.137	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	1167906	48.367	ng		98
31) Naphthalene	10.604	128	3699253	47.325	ng		100
32) Benzoic acid	9.863	122	703609	47.746	ng		99
33) 4-Chloroaniline	10.710	127	262265	7.870	ng		99
34) Hexachlorobutadiene	10.904	225	699158	48.678	ng		99
35) Caprolactam	11.486	113	262971	38.226	ng		99
36) 4-Chloro-3-methylphenol	11.833	107	1110198	47.948	ng		99
37) 2-Methylnaphthalene	12.216	142	2288847	48.538	ng		99
38) 1-Methylnaphthalene	12.439	142	2392878	47.810	ng		100
40) 1,2,4,5-Tetrachloroben...	12.592	216	1254185	51.984	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1602258	109.354	ng		98
43) 2,4,6-Trichlorophenol	12.827	196	843116	53.140	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050251.D
Acq On : 09 Jun 2025 20:58
Operator : RC/JU
Sample : Q2226-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP06-MHI-WCMSD

Quant Time: Jun 10 01:27:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

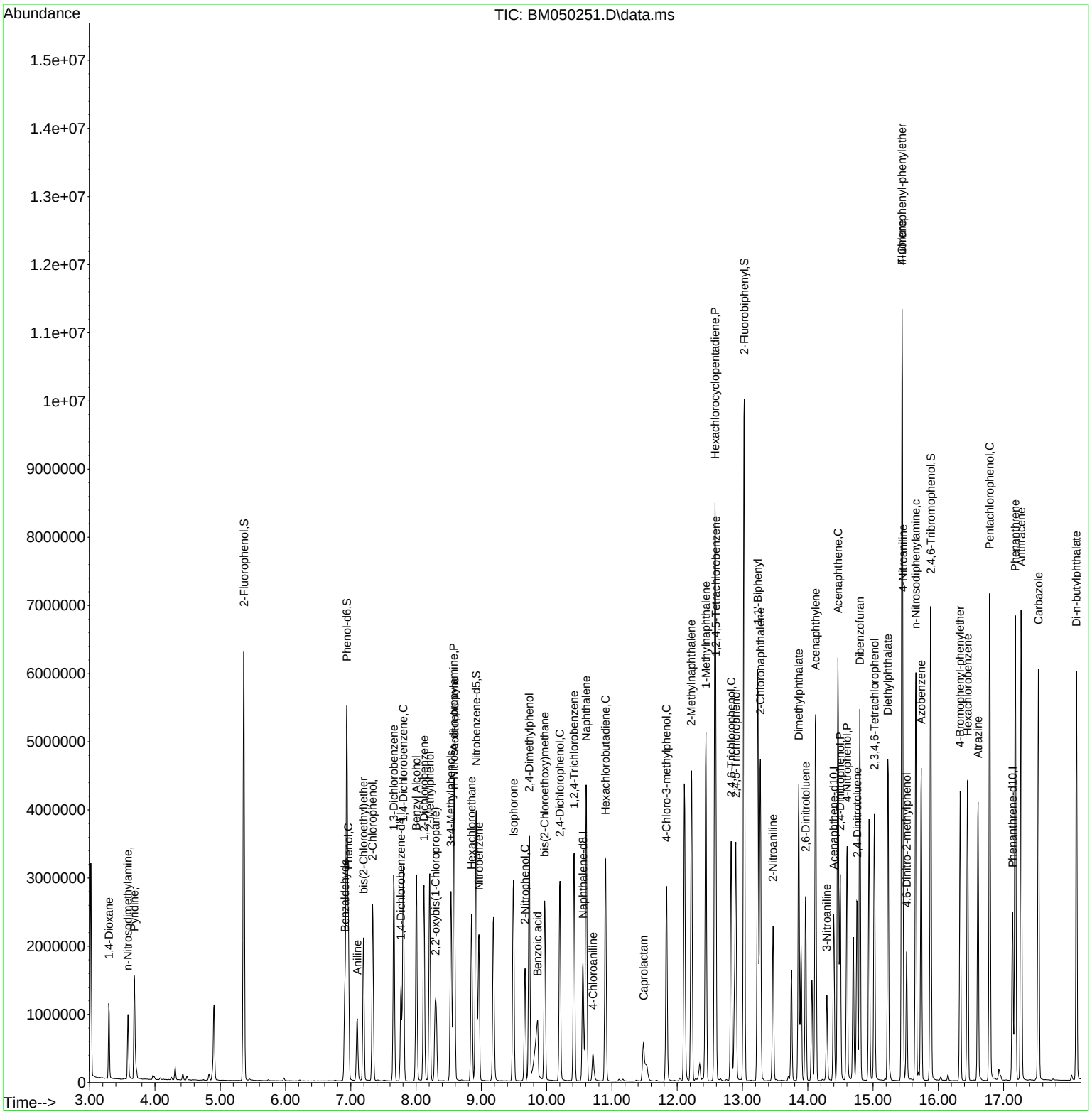
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	917115	52.647	ng	98
46) 1,1'-Biphenyl	13.233	154	3172114	50.703	ng	99
47) 2-Chloronaphthalene	13.275	162	2421623	49.788	ng	100
48) 2-Nitroaniline	13.469	65	595329	55.620	ng	96
49) Acenaphthylene	14.122	152	3967313	50.430	ng	99
50) Dimethylphthalate	13.863	163	2849131	50.422	ng	100
51) 2,6-Dinitrotoluene	13.969	165	612698	53.767	ng	98
52) Acenaphthene	14.463	154	2335159	47.456	ng	99
53) 3-Nitroaniline	14.292	138	344695	27.141	ng	100
54) 2,4-Dinitrophenol	14.498	184	691966	109.274	ng	95
55) Dibenzofuran	14.798	168	3575384	49.666	ng	100
56) 4-Nitrophenol	14.604	139	1047823	96.935	ng	97
57) 2,4-Dinitrotoluene	14.757	165	830530	55.251	ng	98
58) Fluorene	15.445	166	2702504	49.014	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.021	232	769866	51.081	ng	93
60) Diethylphthalate	15.227	149	2797659	49.900	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1333102	50.026	ng	97
62) 4-Nitroaniline	15.457	138	582061	48.899	ng	99
63) Azobenzene	15.739	77	2743738	48.962	ng	99
65) 4,6-Dinitro-2-methylph...	15.516	198	428217	53.979	ng	99
66) n-Nitrosodiphenylamine	15.657	169	2388396	52.335	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	838429	54.132	ng	99
68) Hexachlorobenzene	16.451	284	957173	52.893	ng	97
69) Atrazine	16.610	200	795271	54.691	ng	98
70) Pentachlorophenol	16.786	266	1281055	108.884	ng	99
71) Phenanthrene	17.180	178	4147484	49.986	ng	99
72) Anthracene	17.268	178	4211491	50.737	ng	100
73) Carbazole	17.533	167	3792742	50.155	ng	100
74) Di-n-butylphthalate	18.115	149	4481884	54.471	ng	100
75) Fluoranthene	19.192	202	4355639	49.778	ng	99
77) Benzidine	19.374	184	441789	12.164	ng	99
78) Pyrene	19.556	202	4546225	52.225	ng	99
80) Butylbenzylphthalate	20.468	149	1735253	59.759	ng	98
81) Benzo(a)anthracene	21.350	228	4167289	50.976	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	826974	33.172	ng	99
83) Chrysene	21.409	228	3981460	51.200	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	2662705	59.532	ng	99
85) Di-n-octyl phthalate	22.433	149	4131361	62.247	ng	100
87) Indeno(1,2,3-cd)pyrene	27.703	276	5098501	59.218	ng	100
88) Benzo(b)fluoranthene	23.409	252	4049157	52.083	ng	99
89) Benzo(k)fluoranthene	23.474	252	4106648	51.744	ng	99
90) Benzo(a)pyrene	24.203	252	3915530	53.567	ng	100
91) Dibenzo(a,h)anthracene	27.768	278	4153403	59.431	ng	99
92) Benzo(g,h,i)perylene	28.744	276	4187458	59.866	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050251.D
Acq On : 09 Jun 2025 20:58
Operator : RC/JU
Sample : Q2226-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP06-MHI-WCMSD

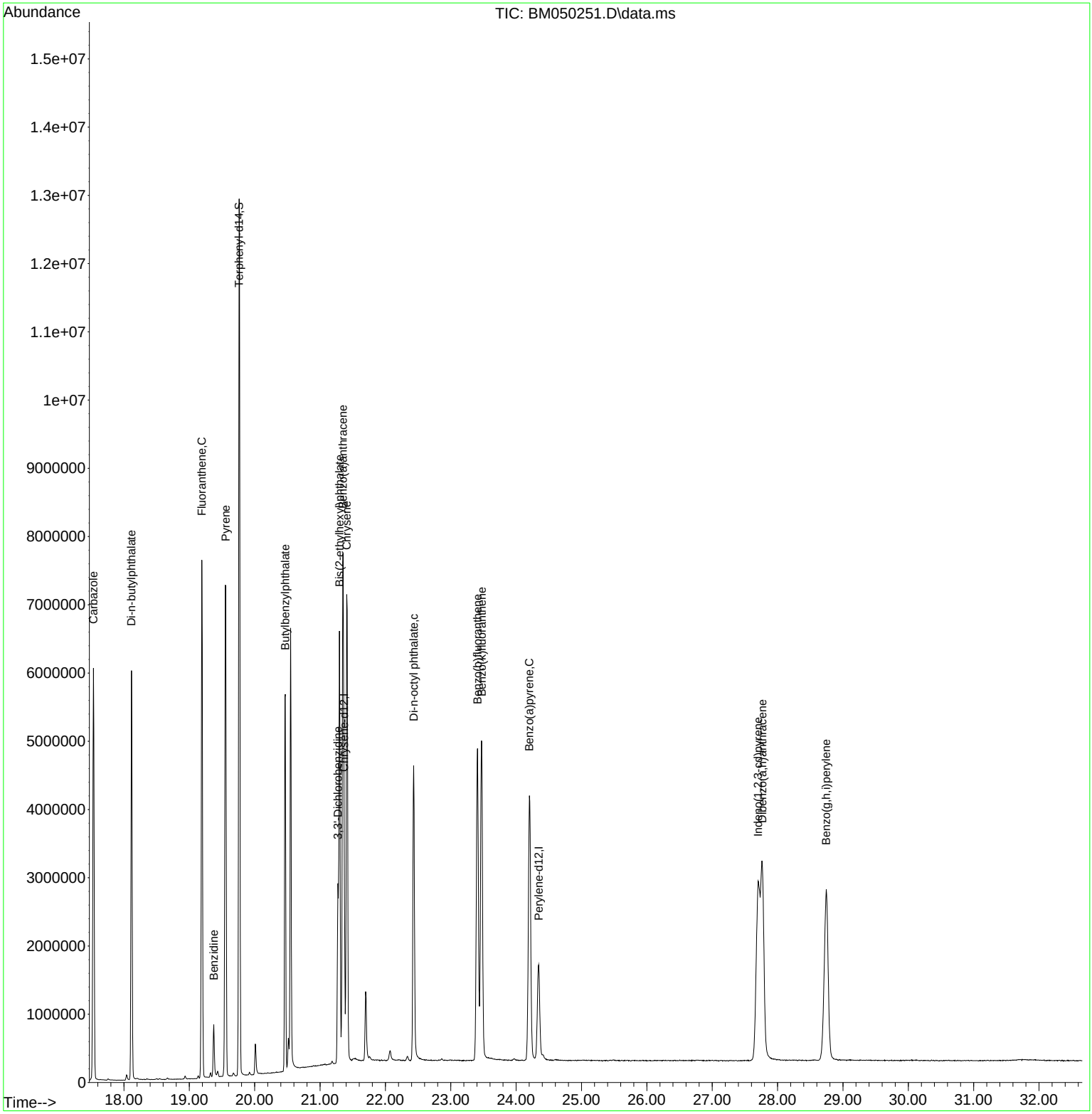
Quant Time: Jun 10 01:27:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050251.D
Acq On : 09 Jun 2025 20:58
Operator : RC/JU
Sample : Q2226-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP06-MHI-WCMSD

Quant Time: Jun 10 01:27:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BM060525	Instrument	BNA_m

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

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Manual Integration Report

Sequence:	bm060925	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM050236.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:05 PM	Jagrut	6/10/2025 5:10:15 PM	Peak Integrated by Software
SSTDCCC040	BM050245.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:14 PM	Jagrut	6/10/2025 5:10:26 PM	Peak Integrated by Software
Q2226-04MS	BM050250.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:16 PM	Jagrut	6/10/2025 5:10:28 PM	Peak Integrated by Software
SSTDCCC040	BM050262.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:18 PM	Jagrut	6/10/2025 5:10:33 PM	Peak Integrated by Software
PB168352BS	BM050264.D	2,3,4,6-Tetrachlorophenol	Rahul	6/10/2025 5:09:25 PM	Jagrut	6/10/2025 5:10:37 PM	Peak Integrated by Software
PB168352BS	BM050264.D	Caprolactam	Rahul	6/10/2025 5:09:25 PM	Jagrut	6/10/2025 5:10:37 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060525

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

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

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

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

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

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

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

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

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

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

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

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060525

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

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

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

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

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

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

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

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

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

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

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

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Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM060925

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

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

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

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168311

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 115525

Start Prep Date : 06/05/2025 **Time :** 15:00

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

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : 12

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120 ml Plastic	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. Q2242-04 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/06/25 11:30	JP / ICP ROOM	RJ / EXT
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168311

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168311TB	LEB311	16	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q2226-04	TP06-MHI-WC	01	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2227-04	TP07-MHH-WC	02	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2228-04	TP08-MHI-WC	03	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2235-03	WC-A2-08-C	04	100.01	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q2236-03	WC-A4-05A-C	05	100.02	2000	N/A	N/A	N/A	12.0	1.0	T-1
Q2236-07	WC-A2-04-C	06	100.03	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q2236-11	WC-A2-05-C	07	100.00	2000	N/A	N/A	N/A	12.0	1.0	T-1
Q2236-15	WC-A2-06-C	08	100.01	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2236-19	WC-A2-07-C	09	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2240-04	TP-3	10	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2240-08	TP-2	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2240-12	TP-1	12	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2241-04	TP-N	13	100.04	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q2241-08	TP-S	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2242-04	TP09-MHJ	15	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168311TB	LEB311	N/A	N/A	N/A	N/A	N/A	N/A
Q2226-04	TP06-MHI-WC	N/A	N/A	N/A	N/A	100	N/A
Q2227-04	TP07-MHH-WC	N/A	N/A	N/A	N/A	100	N/A
Q2228-04	TP08-MHI-WC	N/A	N/A	N/A	N/A	100	N/A
Q2235-03	WC-A2-08-C	N/A	N/A	N/A	N/A	100	N/A
Q2236-03	WC-A4-05A-C	N/A	N/A	N/A	N/A	100	N/A
Q2236-07	WC-A2-04-C	N/A	N/A	N/A	N/A	100	N/A
Q2236-11	WC-A2-05-C	N/A	N/A	N/A	N/A	100	N/A
Q2236-15	WC-A2-06-C	N/A	N/A	N/A	N/A	100	N/A
Q2236-19	WC-A2-07-C	N/A	N/A	N/A	N/A	100	N/A
Q2240-04	TP-3	N/A	N/A	N/A	N/A	100	N/A
Q2240-08	TP-2	N/A	N/A	N/A	N/A	100	N/A
Q2240-12	TP-1	N/A	N/A	N/A	N/A	100	N/A
Q2241-04	TP-N	N/A	N/A	N/A	N/A	100	N/A
Q2241-08	TP-S	N/A	N/A	N/A	N/A	100	N/A
Q2242-04	TP09-MHJ	N/A	N/A	N/A	N/A	100	N/A

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TCLP Fluid Determination

PB168311

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

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168311TB	LEB311	N/A	N/A	N/A	N/A	#1	4.93
Q2226-04	TP06-MHI-WC	5.02	96.5	6.6	2.0	#1	4.93
Q2227-04	TP07-MHH-WC	5.03	96.5	5.6	1.5	#1	4.93
Q2228-04	TP08-MHI-WC	5.02	96.5	5.5	1.5	#1	4.93
Q2235-03	WC-A2-08-C	5.01	96.5	12.5	4.5	#1	4.93
Q2236-03	WC-A4-05A-C	5.02	96.5	12.5	4.5	#1	4.93
Q2236-07	WC-A2-04-C	5.03	96.5	12.5	4.5	#1	4.93
Q2236-11	WC-A2-05-C	5.02	96.5	12.5	4.5	#1	4.93
Q2236-15	WC-A2-06-C	5.01	96.5	12.0	4.0	#1	4.93
Q2236-19	WC-A2-07-C	5.02	96.5	12.0	4.0	#1	4.93
Q2240-04	TP-3	5.03	96.5	9.1	3.5	#1	4.93
Q2240-08	TP-2	5.02	96.5	8.6	3.0	#1	4.93
Q2240-12	TP-1	5.03	96.5	8.6	3.0	#1	4.93
Q2241-04	TP-N	5.02	96.5	8.4	3.0	#1	4.93
Q2241-08	TP-S	5.01	96.5	8.6	3.5	#1	4.93
Q2242-04	TP09-MHJ	5.02	96.5	5.5	2.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2235 **WorkList ID :** 189978 **Department :** TCLP Extraction **Date :** 06-05-2025 13:53:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2226-04	TP06-MHI-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N42	06/04/2025	1311
Q2227-04	TP07-MHH-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N41	06/03/2025	1311
Q2228-04	TP08-MHI-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N41	06/04/2025	1311
Q2235-03	WC-A2-08-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N41	06/04/2025	1311
Q2236-03	WC-A4-05A-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N31	06/04/2025	1311
Q2236-07	WC-A2-04-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N31	06/04/2025	1311
Q2236-11	WC-A2-05-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N31	06/04/2025	1311
Q2236-15	WC-A2-06-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N31	06/04/2025	1311
Q2236-19	WC-A2-07-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N31	06/04/2025	1311
Q2240-04	TP-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/04/2025	1311
Q2240-08	TP-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/04/2025	1311
Q2240-12	TP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/04/2025	1311
Q2241-04	TP-N	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N41	06/05/2025	1311
Q2241-08	TP-S	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N41	06/05/2025	1311
Q2242-04	TP09-MHJ	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L21	06/05/2025	1311

Date/Time 06/05/25 14:10
Raw Sample Received by: JR WEC
Raw Sample Relinquished by: CR SM

Date/Time 06/05/25 18:00
Raw Sample Received by: CR SM
Raw Sample Relinquished by: JR WEC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168352

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/09/2025
Matrix :	Water			**Extraction Start Time :**	10:45
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	06/09/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	15:25
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	rajesh

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	EP2612
Baked Na2SO4	N/A	EP2620
10N NaoH	N/A	E2865
H2SO4 1:1	N/A	E3939
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443.p H Adjusted<2 with 1:1 H2SO4 & 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
06/09/25	RP (Eff. Lab)	Rdsvor
15:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168352

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 06/09/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168311TB	PB168311TB	TCLP BNA	100	6	RUPESH	rajesh	1			SEP-1
PB168333TB	PB168333TB	TCLP BNA	100	6	RUPESH	rajesh	1			2
PB168352BL	PB168352BL	TCLP BNA	1000	6	RUPESH	rajesh	1			3
PB168352BS	PB168352BS	TCLP BNA	1000	6	RUPESH	rajesh	1			4
Q2226-04	TP06-MHI-WC	TCLP BNA	100	6	RUPESH	rajesh	1	A		5
Q2226-04MS	TP06-MHI-WCMS	TCLP BNA	100	6	RUPESH	rajesh	1	A		6
Q2226-04MSD	TP06-MHI-WCMSD	TCLP BNA	100	6	RUPESH	rajesh	1	A		7
Q2227-04	TP07-MHH-WC	TCLP BNA	100	6	RUPESH	rajesh	1	A		8
Q2228-04	TP08-MHI-WC	TCLP BNA	100	6	RUPESH	rajesh	1	A		9
Q2235-03	WC-A2-08-C	TCLP BNA	100	6	RUPESH	rajesh	1	A		10
Q2236-03	WC-A4-05A-C	TCLP BNA	100	6	RUPESH	rajesh	1	A		11
Q2236-07	WC-A2-04-C	TCLP BNA	100	6	RUPESH	rajesh	1	A		12
Q2236-11	WC-A2-05-C	TCLP BNA	100	6	RUPESH	rajesh	1	A		13
Q2236-15	WC-A2-06-C	TCLP BNA	100	6	RUPESH	rajesh	1	A		14
Q2236-19	WC-A2-07-C	TCLP BNA	100	6	RUPESH	rajesh	1	A		15
Q2240-04	TP-3	TCLP BNA	100	6	RUPESH	rajesh	1	A		16
Q2240-08	TP-2	TCLP BNA	100	6	RUPESH	rajesh	1	A		SEP-01
Q2240-12	TP-1	TCLP BNA	100	6	RUPESH	rajesh	1	A		2
Q2241-04	TP-N	TCLP BNA	100	6	RUPESH	rajesh	1	A		3
Q2241-08	TP-S	TCLP BNA	100	6	RUPESH	rajesh	1	A		4
Q2242-04	TP09-MHJ	TCLP BNA	100	6	RUPESH	rajesh	1	A		5
Q2244-04	TP03-MHC	TCLP BNA	100	6	RUPESH	rajesh	1	A		6
Q2260-04	TP10-MHG-WC	TCLP BNA	100	6	RUPESH	rajesh	1	A		7
Q2265-04	TP-MHL-WC	TCLP BNA	100	6	RUPESH	rajesh	1	A		8
Q2266-04	WC-3	TCLP BNA	100	6	RUPESH	rajesh	1	A		9
Q2266-08	WC-4	TCLP BNA	100	6	RUPESH	rajesh	1	A		10

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

6/5/25

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168311

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168311TB	LEB311	16	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q2226-04	TP06-MHI-WC	01	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2227-04	TP07-MHH-WC	02	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2228-04	TP08-MHI-WC	03	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2235-03	WC-A2-08-C	04	100.01	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q2236-03	WC-A4-05A-C	05	100.02	2000	N/A	N/A	N/A	12.0	1.0	T-1
Q2236-07	WC-A2-04-C	06	100.03	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q2236-11	WC-A2-05-C	07	100.00	2000	N/A	N/A	N/A	12.0	1.0	T-1
Q2236-15	WC-A2-06-C	08	100.01	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2236-19	WC-A2-07-C	09	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2240-04	TP-3	10	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2240-08	TP-2	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2240-12	TP-1	12	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2241-04	TP-N	13	100.04	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q2241-08	TP-S	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2242-04	TP09-MHJ	15	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-2

06106125

11:30

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168333

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168333TB	LEB333	09	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q2137-05	MOO-25-0151	01	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q2244-04	TP03-MHC	02	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2260-04	TP10-MHG-WC	03	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2262-02	ARS20-0032	04	100.03	2000	N/A	N/A	N/A	9.1	1.0	T-1
Q2262-04	ARS20-0001	05	100.02	2000	N/A	N/A	N/A	10.0	1.5	T-1
Q2265-04	TP-MHL-WC	06	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2266-04	WC-3	07	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2266-08	WC-4	08	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2235

COC Number: 2042113

CLIENT INFORMATION

COMPANY: **ENTACT, LLC**
ADDRESS: **150 Bay Street, Suite 806**
CITY: **Jersey City** STATE: **NJ** ZIP: **07302**
ATTENTION: **Austin Farmerie**
PHONE: **412-716-1366** FAX:

PROJECT INFORMATION

PROJECT NAME: **540 Degraw St Brooklyn, NY**
PROJECT #: **E9309** LOCATION: **Brooklyn, NY**
PROJECT MANAGER: Austin Farmerie
E-MAIL: **afarmerie@entact.com**
PHONE: **412-716-1366** FAX:

BILLING INFORMATION

BILL TO: **ENTACT, LLC** PO# **E9309**
ADDRESS: **999 Oakmont Plaza Drive, Suite 300**
CITY: **Westmont** STATE: **IL** ZIP: **60559**
ATTENTION: **Wendy Murray** PHONE: **800-936-8228**

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

1	2	3	4	5	6	7	8	9
TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH	I/C/R	PCBs	Oil & Grease

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9
								E	E	E	E	E	E	E	E	E
1.	WC-A2-08-G	Soil		X	6/4	12:00	1	X								
2.	WC-A2-08-C	Soil	X		6/4	12:00	11		X	X	X	X	X	X	X	X
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. **Austin Farmerie**	6/4 11:00	1. 6.4.25 1655
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	6.4.25 1830	3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 4.2 C ☐ Ice in Cooler?:

Comments:

Page of

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2235

COC Number: 2042113

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY Jersey City STATE: NJ ZIP: 07302
ATTENTION: Austin Farmerie
PHONE: 412-716-1366 FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY
PROJECT #: E9309 LOCATION: Brooklyn, NY
PROJECT MANAGER: Austin Farmerie
E-MAIL: afarmerie@entact.com
PHONE: 412-716-1366 FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Wendy Murray PHONE: 800-936-8228

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

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- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other

ANALYSIS

	ASTM COD	ASTM Ammonia-Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH	Paint Filter		
	10	11	12	13	14	15	16		
PRESERVATIVES	E	E	E	E	E	E	E		
	1	2	3	4	5	6	7	8	9

COMMENTS: <-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles
1.	WC-A2-08-G	Soil		X	5/6	12:00	1
2.	WC-A2-08-C	Soil	X		5/6	12:00	11
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME		
RELINQUISHED BY SAMPLER 1. Austin Farmerie	6-4-25 1655	RECEIVED BY 1.	6-4-25 1655
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	
RELINQUISHED BY 3.	6-4-25 1830	RECEIVED FOR LAB BY 3.	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 4.2 °C ☐ Ice in Cooler?:

Comments:

Page of

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148