

Cover Page

Order ID : Q1929

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

Client : ENTACT

Lab Sample Number

Q1929-01
Q1929-02
Q1929-03
Q1929-04
Q1929-05
Q1929-06
Q1929-07
Q1929-08
Q1929-09
Q1929-10
Q1929-11
Q1929-12

Client Sample Number

WC-A4-02-G
WC-A4-02-C
WC-A4-02-C
WC-A4-02-C
WC-A1-03-G
WC-A1-03-C
WC-A1-03-C
WC-A1-03-C
WC-A1-04-G
WC-A1-04-C
WC-A1-04-C
WC-A1-04-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: 5/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1929

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 Custody

✓

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: 05/08/2025

LAB CHRONICLE

OrderID:	Q1929	OrderDate:	5/1/2025 12:26:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1929-03	WC-A4-02-C	TCLP	TCLP BNA	8270E	04/29/25	05/02/25	05/02/25	05/01/25
Q1929-07	WC-A1-03-C	TCLP	TCLP BNA	8270E	04/30/25	05/02/25	05/05/25	05/01/25
Q1929-11	WC-A1-04-C	TCLP	TCLP BNA	8270E	04/30/25	05/02/25	05/05/25	05/01/25



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Hit Summary Sheet
SW-846

SDG No.: Q1929
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

Surrogate Summary

SW-846

SDG No.: Q1929

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167815TB	PB167815TB	2-Fluorophenol	150	137	91		15 (10)	110 (139)
		Phenol-d6	150	134	89		15 (10)	110 (134)
		Nitrobenzene-d5	100	81.5	81		30 (49)	130 (133)
		2-Fluorobiphenyl	100	78.3	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	148	98		15 (44)	110 (137)
		Terphenyl-d14	100	95.0	95		30 (48)	130 (125)
PB167847BL	PB167847BL	2-Fluorophenol	150	138	92		15 (10)	110 (139)
		Phenol-d6	150	120	80		15 (10)	110 (134)
		Nitrobenzene-d5	100	91.6	92		30 (49)	130 (133)
		2-Fluorobiphenyl	100	94.3	94		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	157	105		15 (44)	110 (137)
		Terphenyl-d14	100	95.2	95		30 (48)	130 (125)
PB167847BS	PB167847BS	2-Fluorophenol	150	133	89		15 (10)	110 (139)
		Phenol-d6	150	118	78		15 (10)	110 (134)
		Nitrobenzene-d5	100	86.9	87		30 (49)	130 (133)
		2-Fluorobiphenyl	100	89.6	90		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	157	104		15 (44)	110 (137)
		Terphenyl-d14	100	92.0	92		30 (48)	130 (125)
Q1916-04MS	WC-12MS	2-Fluorophenol	150	112	75		15 (10)	110 (139)
		Phenol-d6	150	111	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	89.1	89		30 (49)	130 (133)
		2-Fluorobiphenyl	100	73.3	73		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	146	97		15 (44)	110 (137)
		Terphenyl-d14	100	69.6	70		30 (48)	130 (125)
Q1916-04MSD	WC-12MSD	2-Fluorophenol	150	110	73		15 (10)	110 (139)
		Phenol-d6	150	111	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	89.1	89		30 (49)	130 (133)
		2-Fluorobiphenyl	100	73.2	73		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	146	97		15 (44)	110 (137)
		Terphenyl-d14	100	65.1	65		30 (48)	130 (125)
Q1929-03	WC-A4-02-C	2-Fluorophenol	150	117	78		15 (10)	110 (139)
		Phenol-d6	150	109	73		15 (10)	110 (134)
		Nitrobenzene-d5	100	96.9	97		30 (49)	130 (133)
		2-Fluorobiphenyl	100	76.9	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	144	96		15 (44)	110 (137)
		Terphenyl-d14	100	85.1	85		30 (48)	130 (125)
Q1929-07	WC-A1-03-C	2-Fluorophenol	150	128	85		15 (10)	110 (139)
		Phenol-d6	150	102	68		15 (10)	110 (134)
		Nitrobenzene-d5	100	94.0	94		30 (49)	130 (133)
		2-Fluorobiphenyl	100	93.0	93		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	177	118	*	15 (44)	110 (137)
		Terphenyl-d14	100	95.2	95		30 (48)	130 (125)
Q1929-11	WC-A1-04-C	2-Fluorophenol	150	125	83		15 (10)	110 (139)
		Phenol-d6	150	101	67		15 (10)	110 (134)
		Nitrobenzene-d5	100	94.1	94		30 (49)	130 (133)
		2-Fluorobiphenyl	100	88.3	88		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	179	119	*	15 (44)	110 (137)
		Terphenyl-d14	100	97.9	98		30 (48)	130 (125)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1929

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1916-04MS	Client Sample ID:	WC-12MS					DataFile:	BF142284.D		
Pyridine	500	0	0	ug/L	0	*			20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	380	ug/L	76				70 (55)	130 (125)	
2-Methylphenol	500	0	420	ug/L	84				70 (60)	130 (131)	
3+4-Methylphenols	500	0	410	ug/L	82				20 (54)	160 (136)	
Hexachloroethane	500	0	410	ug/L	82				20 (19)	160 (146)	
Nitrobenzene	500	0	470	ug/L	94				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	410	ug/L	82				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	540	ug/L	108				70 (74)	130 (137)	
Hexachlorobenzene	500	0	440	ug/L	88				70 (72)	130 (115)	
Pentachlorophenol	1000	0	1000	ug/L	100				20 (52)	160 (162)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1929

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1916-04MSD	Client Sample ID:	WC-12MSD					DataFile:	BF142285.D		
Pyridine	500	0	0	ug/L	0	*	0		20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	390	ug/L	78		3		70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	430	ug/L	86		2		70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	0	400	ug/L	80		2		20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	400	ug/L	80		2		20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	470	ug/L	94		0		70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	410	ug/L	82		0		70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	480	ug/L	96		0		70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	490	ug/L	98		2		70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	550	ug/L	110		2		70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	450	ug/L	90		2		70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	1000	ug/L	100		0		20 (52)	160 (162)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1929

Client: ENTACT

Analytical Method: 8270E DataFile: BP024542.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB167847BS	Pyridine	50	33.6	ug/L	67				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	44.4	ug/L	89				70 (76)	130 (103)	
	2-Methylphenol	50	45.5	ug/L	91				70 (69)	130 (109)	
	3+4-Methylphenols	50	43.9	ug/L	88				20 (67)	160 (106)	
	Hexachloroethane	50	46.6	ug/L	93				20 (76)	160 (118)	
	Nitrobenzene	50	44.6	ug/L	89				70 (58)	130 (106)	
	Hexachlorobutadiene	50	51.0	ug/L	102				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	49.6	ug/L	99				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	49.4	ug/L	99				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	48.8	ug/L	98				70 (60)	130 (115)	
	Hexachlorobenzene	50	50.9	ug/L	102				70 (73)	130 (106)	
	Pentachlorophenol	100	98.2	ug/L	98				20 (47)	160 (114)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167847BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: Q1929

SAS No.: Q1929 SDG NO.: Q1929

Lab File ID: BP024541.D

Lab Sample ID: PB167847BL

Instrument ID: BNA_P

Date Extracted: 05/02/2025

Matrix: (soil/water) water

Date Analyzed: 05/06/2025

Level: (low/med) LOW

Time Analyzed: 10:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167847BS	PB167847BS	BP024542.D	05/06/2025
WC-12MS	Q1916-04MS	BF142284.D	05/02/2025
WC-12MSD	Q1916-04MSD	BF142285.D	05/02/2025
WC-A4-02-C	Q1929-03	BF142293.D	05/02/2025
PB167815TB	PB167815TB	BM050097.D	05/05/2025
WC-A1-03-C	Q1929-07	BP024532.D	05/05/2025
WC-A1-04-C	Q1929-11	BP024533.D	05/05/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1929 SDG NO.: Q1929Lab File ID: BF142238.DDFTPP Injection Date: 04/30/2025Instrument ID: BNA_FDFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (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	BF142239.D	04/30/2025	11:24
SSTDICC005	SSTDICC005	BF142240.D	04/30/2025	11:52
SSTDICC010	SSTDICC010	BF142241.D	04/30/2025	12:20
SSTDICC020	SSTDICC020	BF142242.D	04/30/2025	12:49
SSTDICCC040	SSTDICCC040	BF142243.D	04/30/2025	13:17
SSTDICC050	SSTDICC050	BF142244.D	04/30/2025	13:46
SSTDICC060	SSTDICC060	BF142245.D	04/30/2025	14:15
SSTDICC080	SSTDICC080	BF142246.D	04/30/2025	14:43



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1929 SDG NO.: Q1929Lab File ID: BF142273.DDFTPP Injection Date: 05/02/2025Instrument ID: BNA_FDFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.7
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	27.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.6
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.6
275	10.0 - 60.0% of mass 198	23.7
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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	BF142274.D	05/02/2025	10:39
WC-12MS	Q1916-04MS	BF142284.D	05/02/2025	16:49
WC-12MSD	Q1916-04MSD	BF142285.D	05/02/2025	17:18
WC-A4-02-C	Q1929-03	BF142293.D	05/02/2025	21:11



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1929 SDG NO.: Q1929Lab File ID: BM050023.DDFTPP Injection Date: 04/28/2025Instrument ID: BNA_MDFTPP Injection Time: 11:46

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	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.7
443	15.0 - 24.0% of mass 442	14.4 (19.3) 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	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1929 SDG NO.: Q1929Lab File ID: BM050095.DDFTPP Injection Date: 05/05/2025Instrument ID: BNA_MDFTPP Injection Time: 11:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.5
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	25.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	33.8
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	27.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	82.9
443	15.0 - 24.0% of mass 442	16.3 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050096.D	05/05/2025	12:18
PB167815TB	PB167815TB	BM050097.D	05/05/2025	12:57



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1929 SDG NO.: Q1929Lab File ID: BP024274.DDFTPP Injection Date: 04/14/2025Instrument ID: BNA_PDFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	99.1
443	15.0 - 24.0% of mass 442	19.2 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024275.D	04/14/2025	11:06
SSTDICC005	SSTDICC005	BP024276.D	04/14/2025	11:47
SSTDICC010	SSTDICC010	BP024277.D	04/14/2025	12:27
SSTDICC020	SSTDICC020	BP024278.D	04/14/2025	13:08
SSTDICCC040	SSTDICCC040	BP024279.D	04/14/2025	13:49
SSTDICC050	SSTDICC050	BP024280.D	04/14/2025	15:10
SSTDICC060	SSTDICC060	BP024281.D	04/14/2025	16:32
SSTDICC080	SSTDICC080	BP024282.D	04/14/2025	17:13



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1929 SDG NO.: Q1929Lab File ID: BP024521.DDFTPP Injection Date: 05/05/2025Instrument ID: BNA_PDFTPP Injection Time: 11:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.8
68	Less than 2.0% of mass 69	0.2 (1.1) 1
69	Mass 69 relative abundance	23.1
70	Less than 2.0% of mass 69	0.1 (0.6) 1
127	10.0 - 80.0% of mass 198	33.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 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	BP024522.D	05/05/2025	12:38
WC-A1-03-C	Q1929-07	BP024532.D	05/05/2025	19:28
WC-A1-04-C	Q1929-11	BP024533.D	05/05/2025	20:09



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: ENTA05Lab Code: CHEMSAS No.: Q1929 SDG NO.: Q1929Lab File ID: BP024539.DDFTPP Injection Date: 05/06/2025Instrument ID: BNA_PDFTPP Injection Time: 09:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	28.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	39.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.7
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024540.D	05/06/2025	10:17
PB167847BL	PB167847BL	BP024541.D	05/06/2025	10:58
PB167847BS	PB167847BS	BP024542.D	05/06/2025	11:39

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1929 SAS No.: Q1929 SDG NO.: Q1929

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/02/2025

Lab File ID: BF142274.D Time Analyzed: 10:39

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	189457	6.91	747235	8.19	389025	9.95
UPPER LIMIT	378914	7.41	1494470	8.692	778050	10.445
LOWER LIMIT	94728.5	6.41	373618	7.692	194513	9.445
EPA SAMPLE NO.						
01 WC-12MS	204976	6.91	787341	8.19	409977	9.95
02 WC-12MSD	214792	6.91	826459	8.19	423460	9.95
03 WC-A4-02-C	197683	6.90	756649	8.19	397461	9.94

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1929 SAS No.: Q1929 SDG NO.: Q1929

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/02/2025

Lab File ID: BF142274.D Time Analyzed: 10:39

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	652685	11.427	354752	14.068	327562	15.557
UPPER LIMIT	1305370	11.927	709504	14.568	655124	16.057
LOWER LIMIT	326343	10.927	177376	13.568	163781	15.057
EPA SAMPLE NO.						
01 WC-12MS	690627	11.43	414504	14.07	369935	15.56
02 WC-12MSD	705292	11.43	433924	14.07	423312	15.56
03 WC-A4-02-C	651057	11.43	383117	14.06	300660	15.55

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1929 SAS No.: Q1929 SDG NO.: Q1929

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2025

Lab File ID: BM050096.D Time Analyzed: 12:18

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	253723	7.745	967980	10.54	663376	14.40
UPPER LIMIT	507446	8.245	1935960	11.039	1326750	14.898
LOWER LIMIT	126862	7.245	483990	10.039	331688	13.898
EPA SAMPLE NO.						
01 PB167815TB	249102	7.75	868897	10.55	612335	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1929 SAS No.: Q1929 SDG NO.: Q1929

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2025

Lab File ID: BM050096.D Time Analyzed: 12:18

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	1334830	17.145	1249730	21.386	1253430	24.38
UPPER LIMIT	2669660	17.645	2499460	21.886	2506860	24.88
LOWER LIMIT	667415	16.645	624865	20.886	626715	23.88
EPA SAMPLE NO.						
01 PB167815TB	1239630	17.15	1109020	21.39	1185660	24.39

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1929 SAS No.: Q1929 SDG NO.: Q1929

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2025

Lab File ID: BP024522.D Time Analyzed: 12:38

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	132437	7.705	539349	10.48	358648	14.34
UPPER LIMIT	264874	8.205	1078700	10.975	717296	14.84
LOWER LIMIT	66218.5	7.205	269675	9.975	179324	13.84
EPA SAMPLE NO.						
01 WC-A1-03-C	134404	7.71	525227	10.48	306807	14.34
02 WC-A1-04-C	145173	7.71	561713	10.48	359614	14.35

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1929 SAS No.: Q1929 SDG NO.: Q1929

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2025

Lab File ID: BP024522.D Time Analyzed: 12:38

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	715330	17.151	882732	21.604	1072390	24.927
UPPER LIMIT	1430660	17.651	1765460	22.104	2144780	25.427
LOWER LIMIT	357665	16.651	441366	21.104	536195	24.427
EPA SAMPLE NO.						
01 WC-A1-03-C	669885	17.14	845035	21.59	480285 *	24.92
02 WC-A1-04-C	778412	17.14	945876	21.59	911497	24.92

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1929 SAS No.: Q1929 SDG NO.: Q1929

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/06/2025

Lab File ID: BP024540.D Time Analyzed: 10:17

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	159873	7.705	632107	10.48	387042	14.34
UPPER LIMIT	319746	8.205	1264210	10.975	774084	14.839
LOWER LIMIT	79936.5	7.205	316054	9.975	193521	13.839
EPA SAMPLE NO.						
01 PB167847BL	167503	7.71	646551	10.48	376840	14.34
02 PB167847BS	173185	7.70	691867	10.48	422844	14.34

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1929 SAS No.: Q1929 SDG NO.: Q1929

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/06/2025

Lab File ID: BP024540.D Time Analyzed: 10:17

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	762899	17.139	851557	21.58	1008560	24.898
UPPER LIMIT	1525800	17.639	1703110	22.08	2017120	25.398
LOWER LIMIT	381450	16.639	425779	21.08	504280	24.398
EPA SAMPLE NO.						
01 PB167847BL	735943	17.14	805578	21.58	936452	24.90
02 PB167847BS	796267	17.13	865226	21.59	1040070	24.90

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

Report of Analysis

Client:	ENTACT	Date Collected:	05/02/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/02/25
Client Sample ID:	PB167815TB	SDG No.:	Q1929
Lab Sample ID:	PB167815TB	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BM050097.D	1	05/02/25 11:10	05/05/25 12:57	PB167847

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	137		15 (10) - 110 (139)	91%	SPK: 150
13127-88-3	Phenol-d6	134		15 (10) - 110 (134)	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.5		30 (49) - 130 (133)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.3		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	148		15 (44) - 110 (137)	98%	SPK: 150
1718-51-0	Terphenyl-d14	95.0		30 (48) - 130 (125)	95%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	249000	7.745			
1146-65-2	Naphthalene-d8	869000	10.545			
15067-26-2	Acenaphthene-d10	612000	14.398			
1517-22-2	Phenanthrene-d10	1240000	17.145			
1719-03-5	Chrysene-d12	1110000	21.386			
1520-96-3	Perylene-d12	1190000	24.385			

Report of Analysis

Client:	ENTACT		Date Collected:	05/02/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/02/25	
Client Sample ID:	PB167815TB		SDG No.:	Q1929	
Lab Sample ID:	PB167815TB		Matrix:	TCLP	
Analytical Method:	SW8270		% 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
BM050097.D	1	05/02/25 11:10	05/05/25 12:57	PB167847

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\BM050525\
Data File : BM050097.D
Acq On : 05 May 2025 12:57
Operator : RC/JU
Sample : PB167815TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167815TB

Quant Time: May 05 13:47:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	249102	20.000	ng	-0.02
21) Naphthalene-d8	10.545	136	868897	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	612335	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1239625	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1109017	20.000	ng	-0.01
86) Perylene-d12	24.385	264	1185656	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1951278	137.166	ng	-0.02
7) Phenol-d6	6.934	99	2392669	133.819	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1436336	81.457	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1336109	147.568	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4054520	78.330	ng	-0.02
79) Terphenyl-d14	19.768	244	7117518	94.968	ng	-0.01

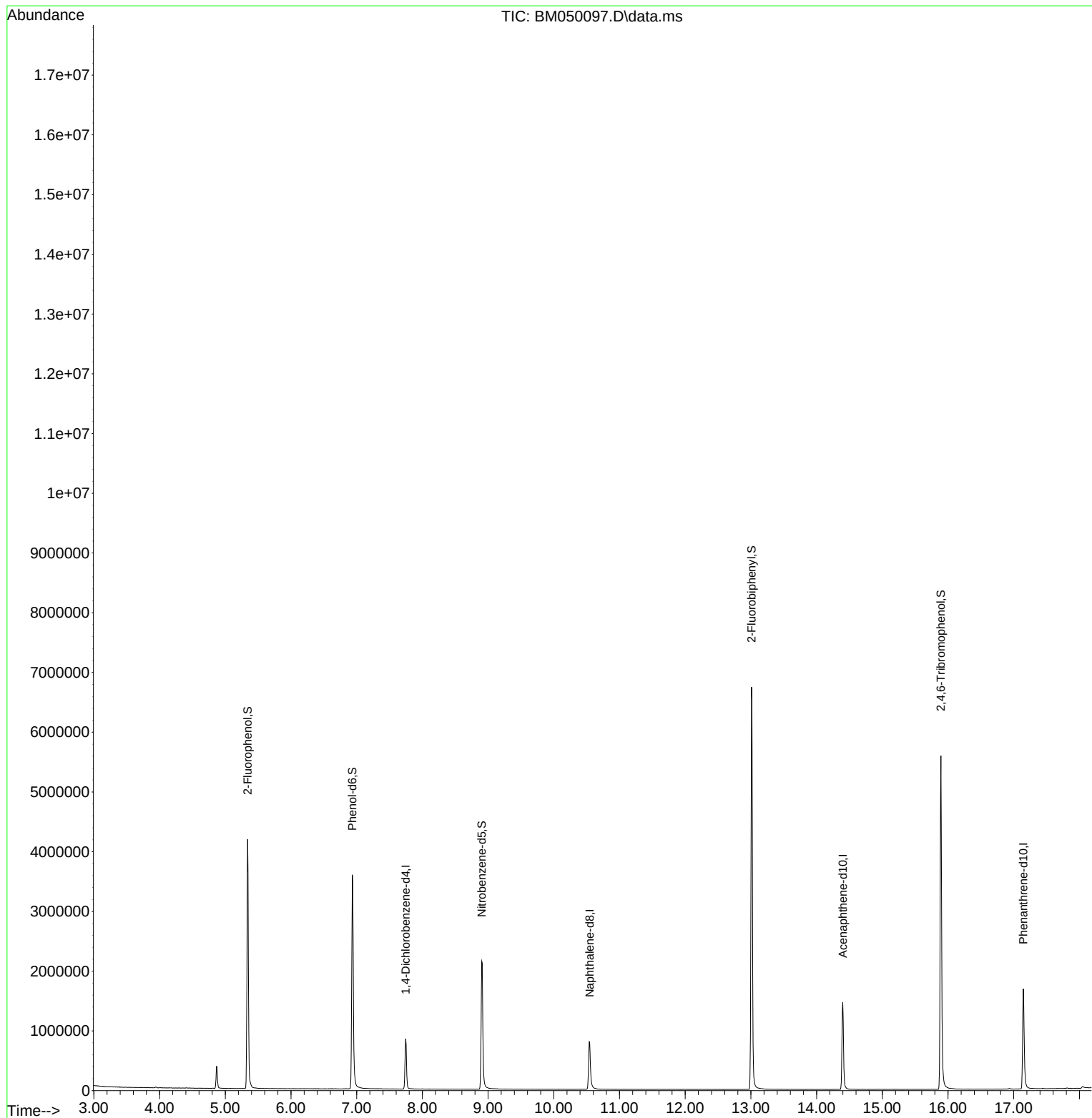
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050097.D
Acq On : 05 May 2025 12:57
Operator : RC/JU
Sample : PB167815TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167815TB

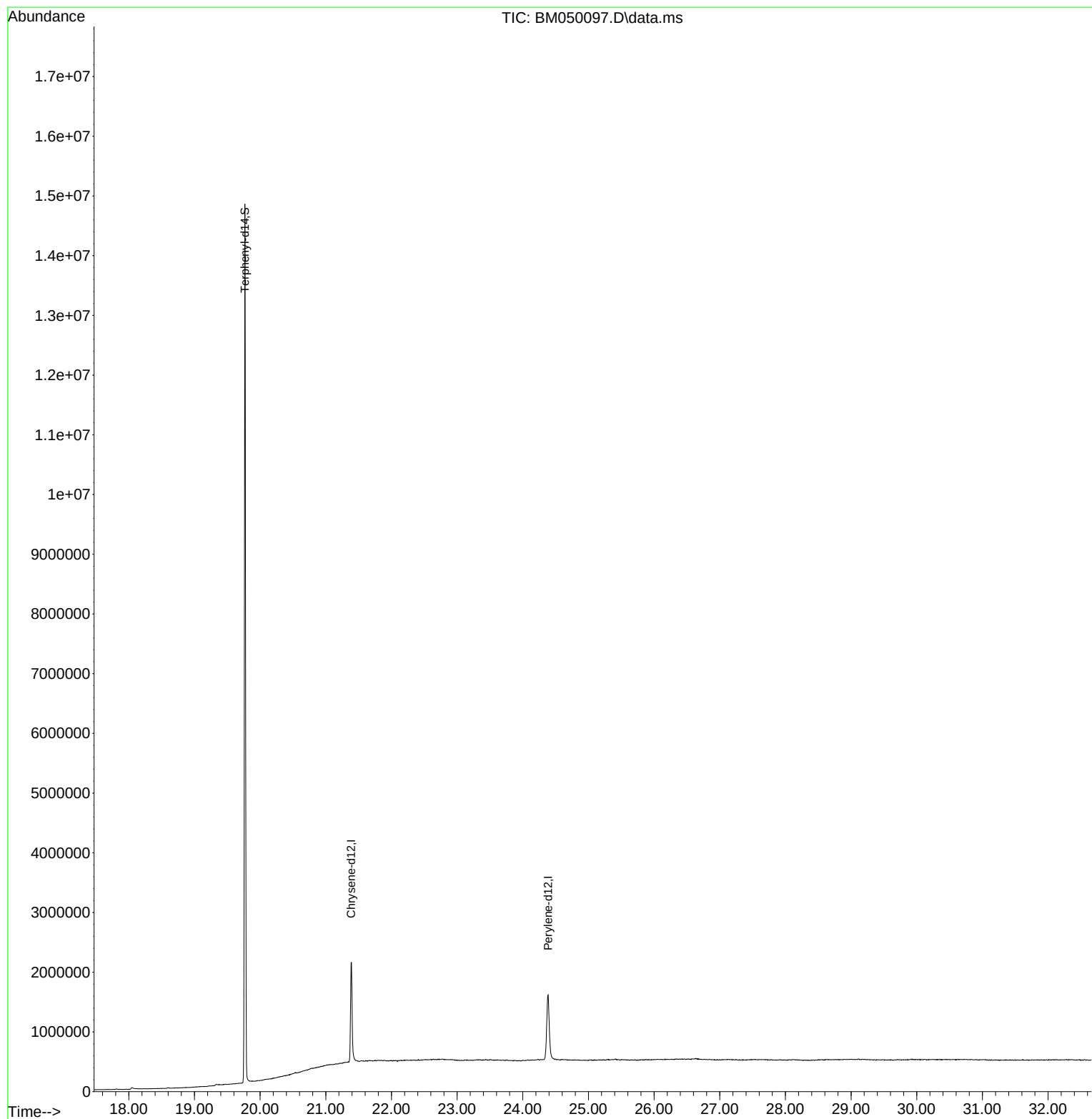
Quant Time: May 05 13:47:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

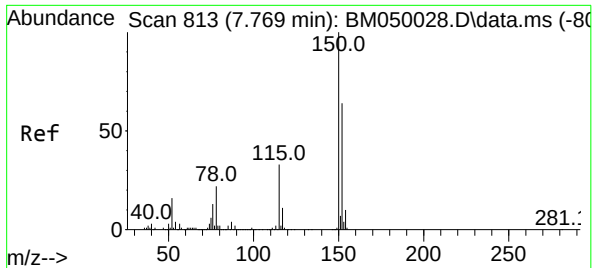


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050097.D
Acq On : 05 May 2025 12:57
Operator : RC/JU
Sample : PB167815TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167815TB

Quant Time: May 05 13:47:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

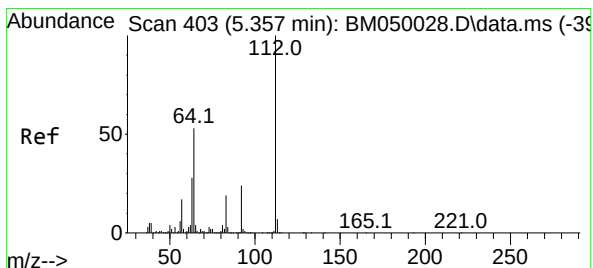
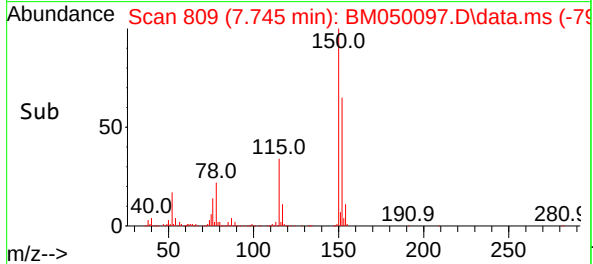
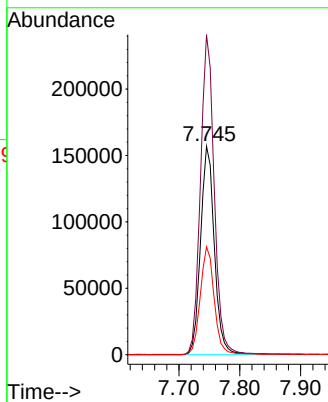
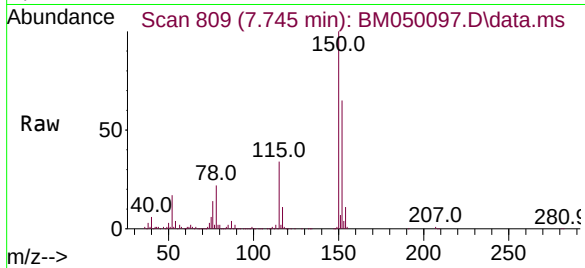




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

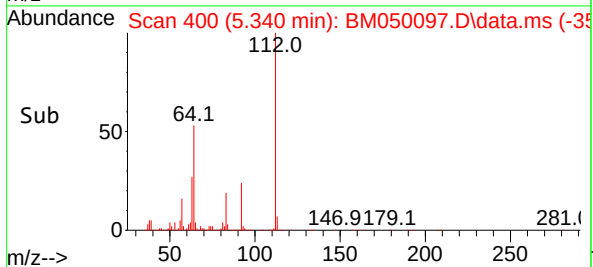
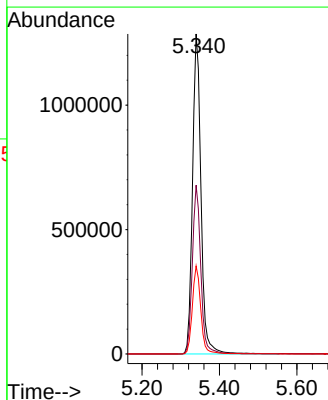
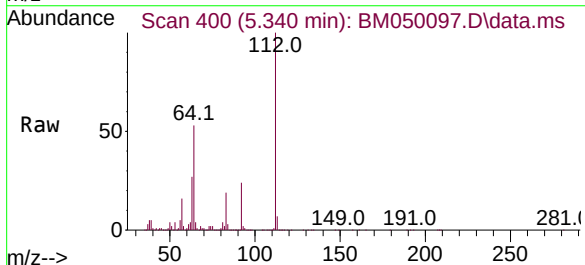
Instrument :
BNA_M
ClientSampleId :
PB167815TB

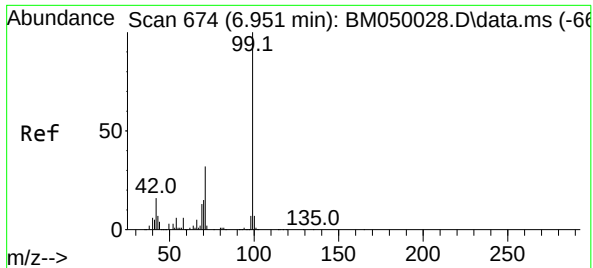
Tgt Ion:152 Resp: 249102
Ion Ratio Lower Upper
152 100
150 153.5 124.1 186.1
115 51.7 41.2 61.8



#5
2-Fluorophenol
Concen: 137.166 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Tgt Ion:112 Resp: 1951278
Ion Ratio Lower Upper
112 100
64 52.7 42.6 64.0
63 27.5 22.2 33.4

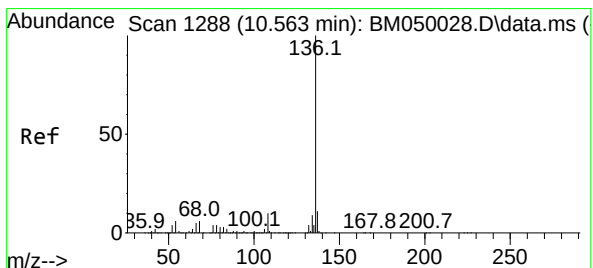
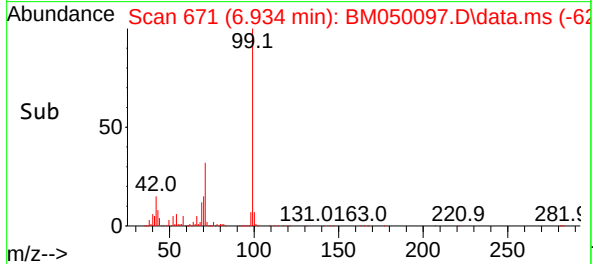
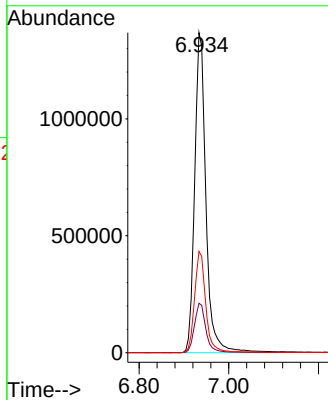
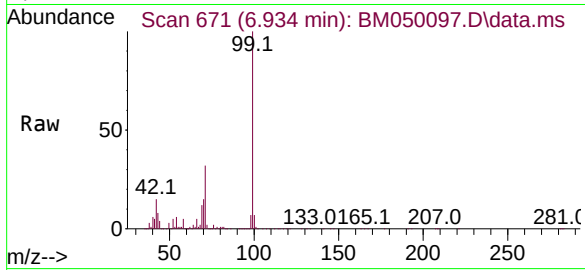




#7
Phenol-d6
Concen: 133.819 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

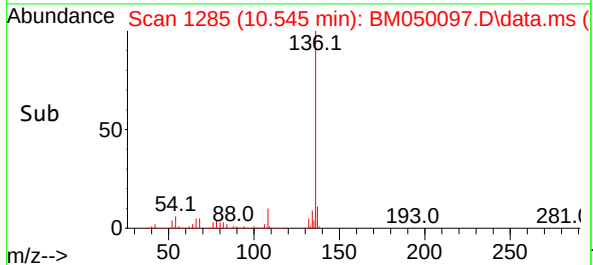
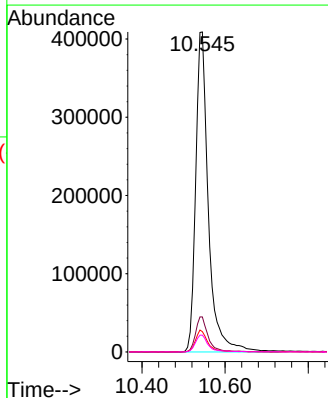
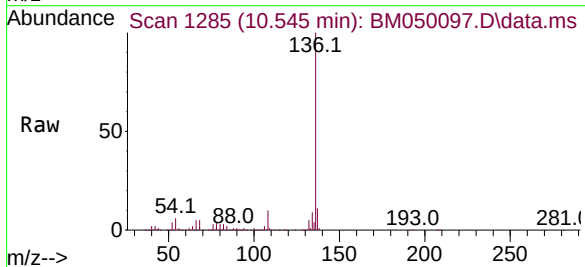
Instrument :
BNA_M
ClientSampleId :
PB167815TB

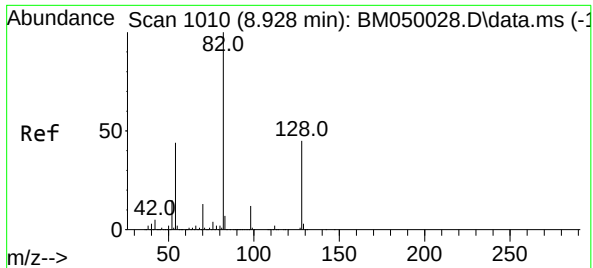
Tgt Ion: 99 Resp: 2392669
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 31.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Tgt Ion: 136 Resp: 868897
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 5.1 7.7
68 5.3 4.4 6.6

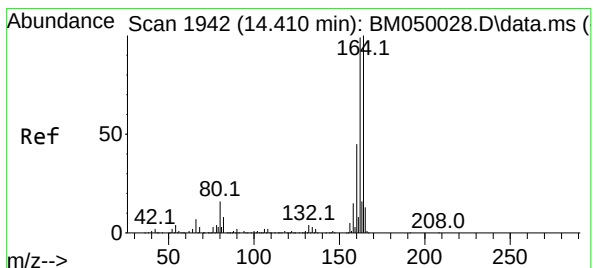
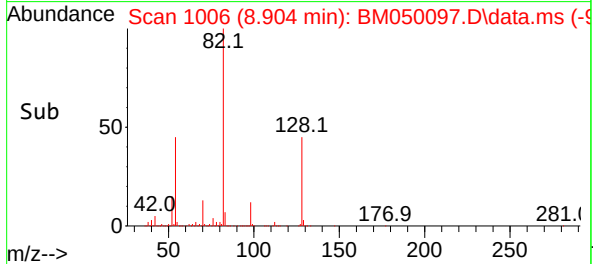
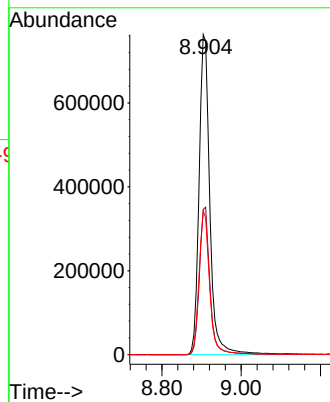
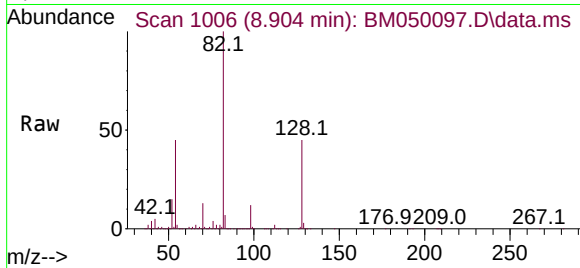




#23
Nitrobenzene-d5
Concen: 81.457 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.024 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

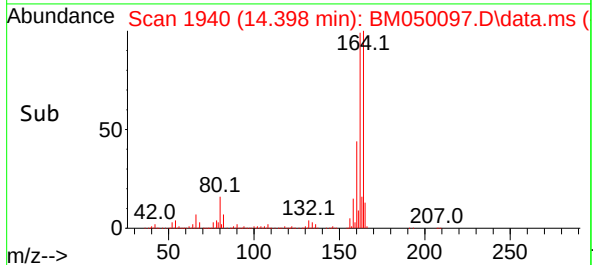
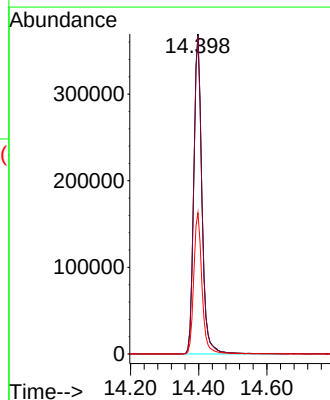
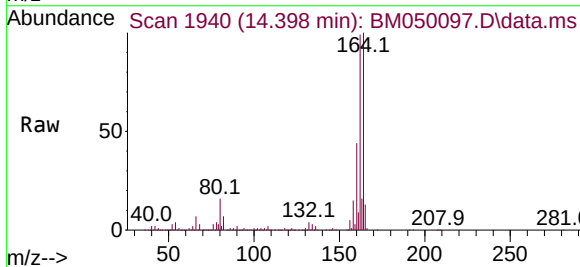
Instrument :
BNA_M
ClientSampleId :
PB167815TB

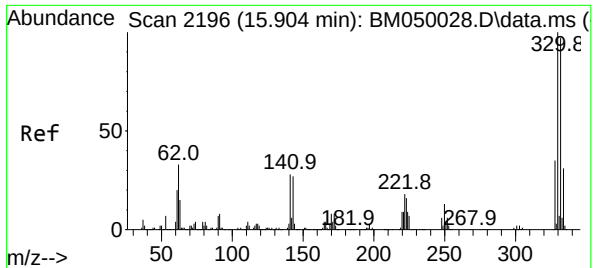
Tgt Ion: 82 Resp: 1436336
Ion Ratio Lower Upper
82 100
128 45.4 35.7 53.5
54 44.8 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Tgt Ion:164 Resp: 612335
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 44.1 36.2 54.4

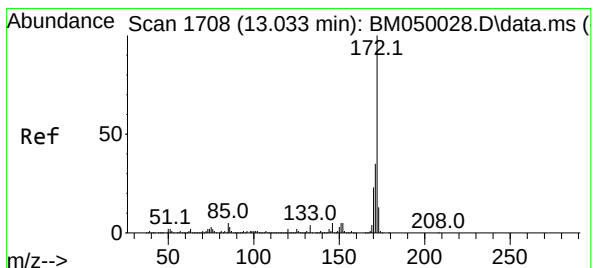
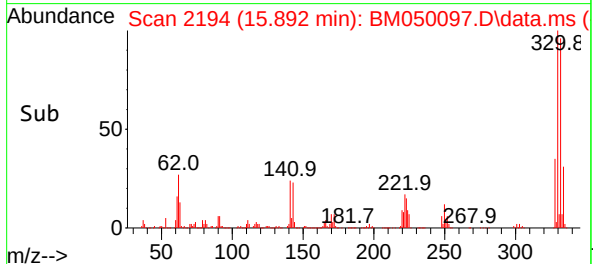
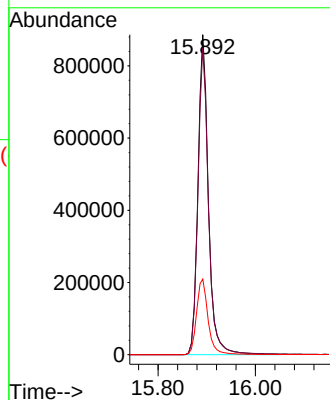
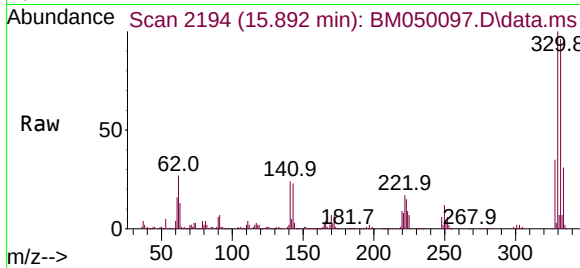




#42
2,4,6-Tribromophenol
Concen: 147.568 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

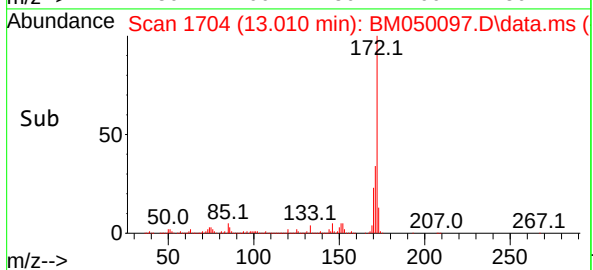
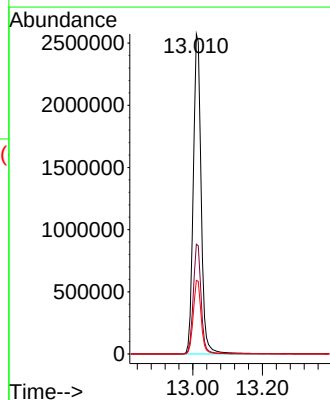
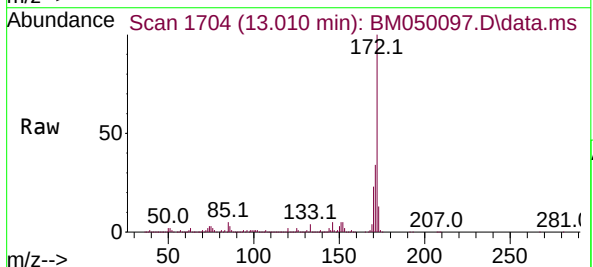
Instrument :
BNA_M
ClientSampleId :
PB167815TB

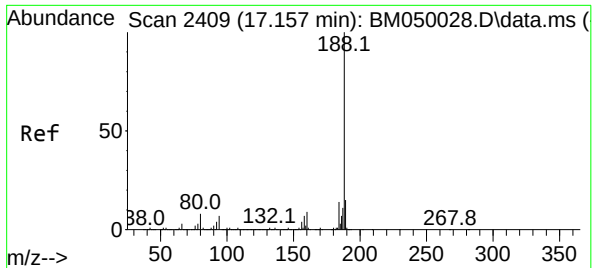
Tgt Ion:330 Resp: 1336109
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 25.8 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 78.330 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Tgt Ion:172 Resp: 4054520
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.0 18.6 28.0

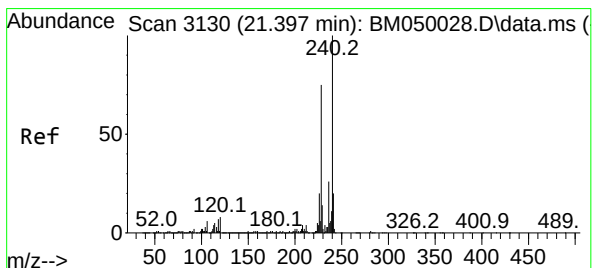
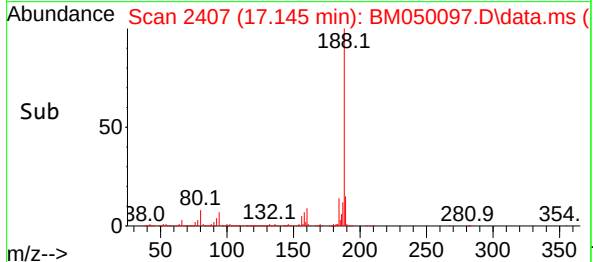
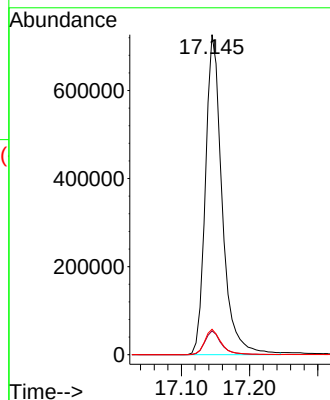
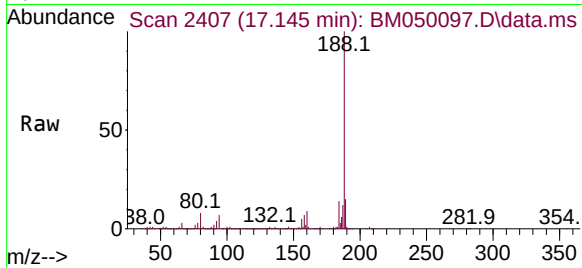




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

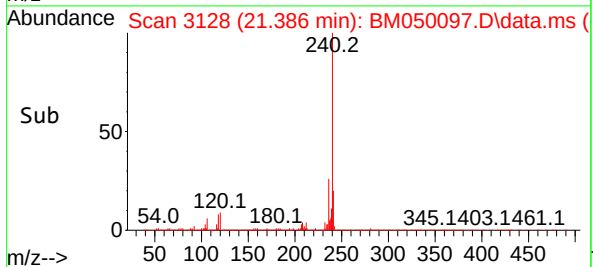
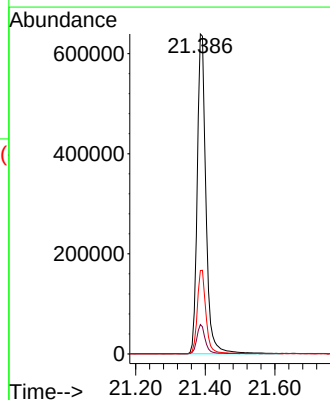
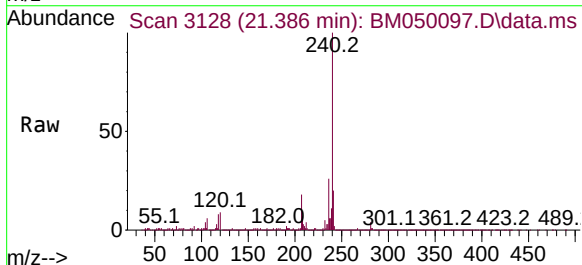
Instrument :
BNA_M
ClientSampleId :
PB167815TB

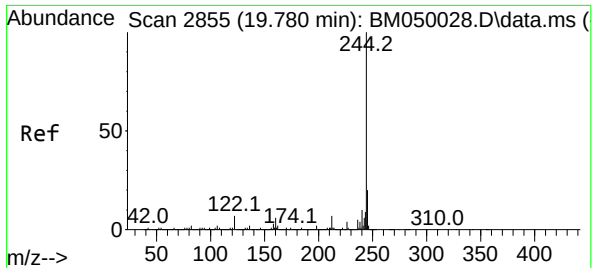
Tgt Ion:188 Resp: 1239625
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 7.9 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Tgt Ion:240 Resp: 1109017
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 26.0 20.9 31.3

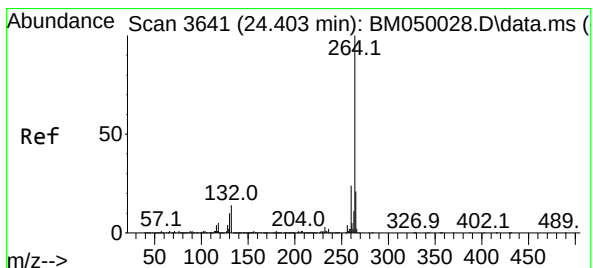
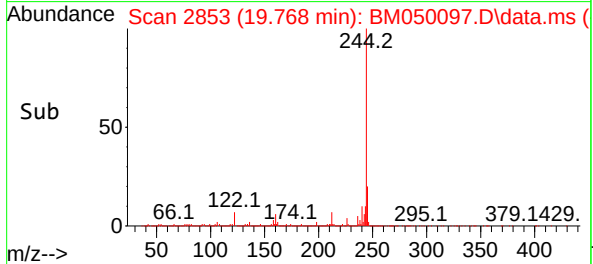
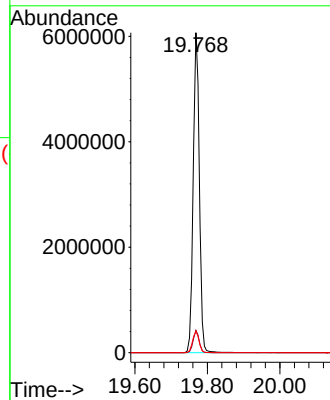
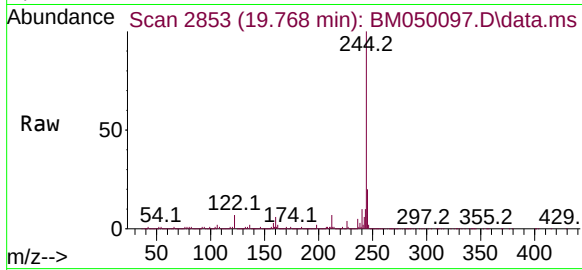




#79
Terphenyl-d14
Concen: 94.968 ng
RT: 19.768 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

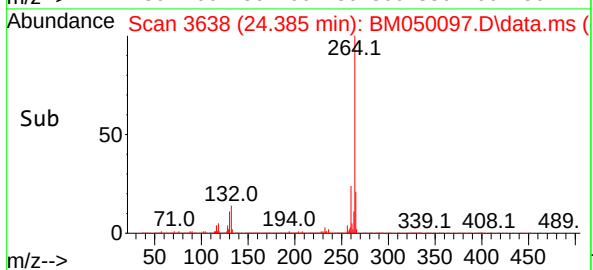
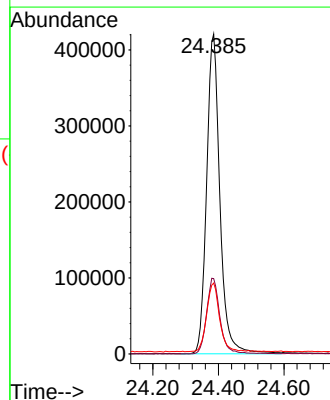
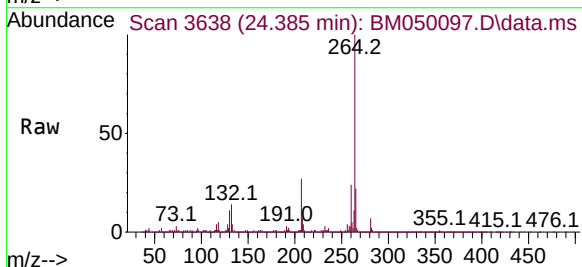
Instrument :
BNA_M
ClientSampleId :
PB167815TB

Tgt Ion:244 Resp: 7117518
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 6.7 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.385 min Scan# 3638
Delta R.T. -0.018 min
Lab File: BM050097.D
Acq: 05 May 2025 12:57

Tgt Ion:264 Resp: 1185656
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 22.2 17.0 25.4



Report of Analysis

Client:	ENTACT	Date Collected:	04/29/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-03	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BF142293.D	1	05/02/25 12:15	05/02/25 21:11	PB167847

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	117		15 (10) - 110 (139)	78%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.9		30 (49) - 130 (133)	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.9		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		15 (44) - 110 (137)	96%	SPK: 150
1718-51-0	Terphenyl-d14	85.1		30 (48) - 130 (125)	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	198000	6.904			
1146-65-2	Naphthalene-d8	757000	8.187			
15067-26-2	Acenaphthene-d10	397000	9.939			
1517-22-2	Phenanthrene-d10	651000	11.428			
1719-03-5	Chrysene-d12	383000	14.063			
1520-96-3	Perylene-d12	301000	15.551			

Report of Analysis

Client:	ENTACT	Date Collected:	04/29/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-03	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BF142293.D	1	05/02/25 12:15	05/02/25 21:11	PB167847

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_F\Data\BF050225\
 Data File : BF142293.D
 Acq On : 02 May 2025 21:11
 Operator : RC/JU
 Sample : Q1929-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A4-02-C

Quant Time: May 02 22:50:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

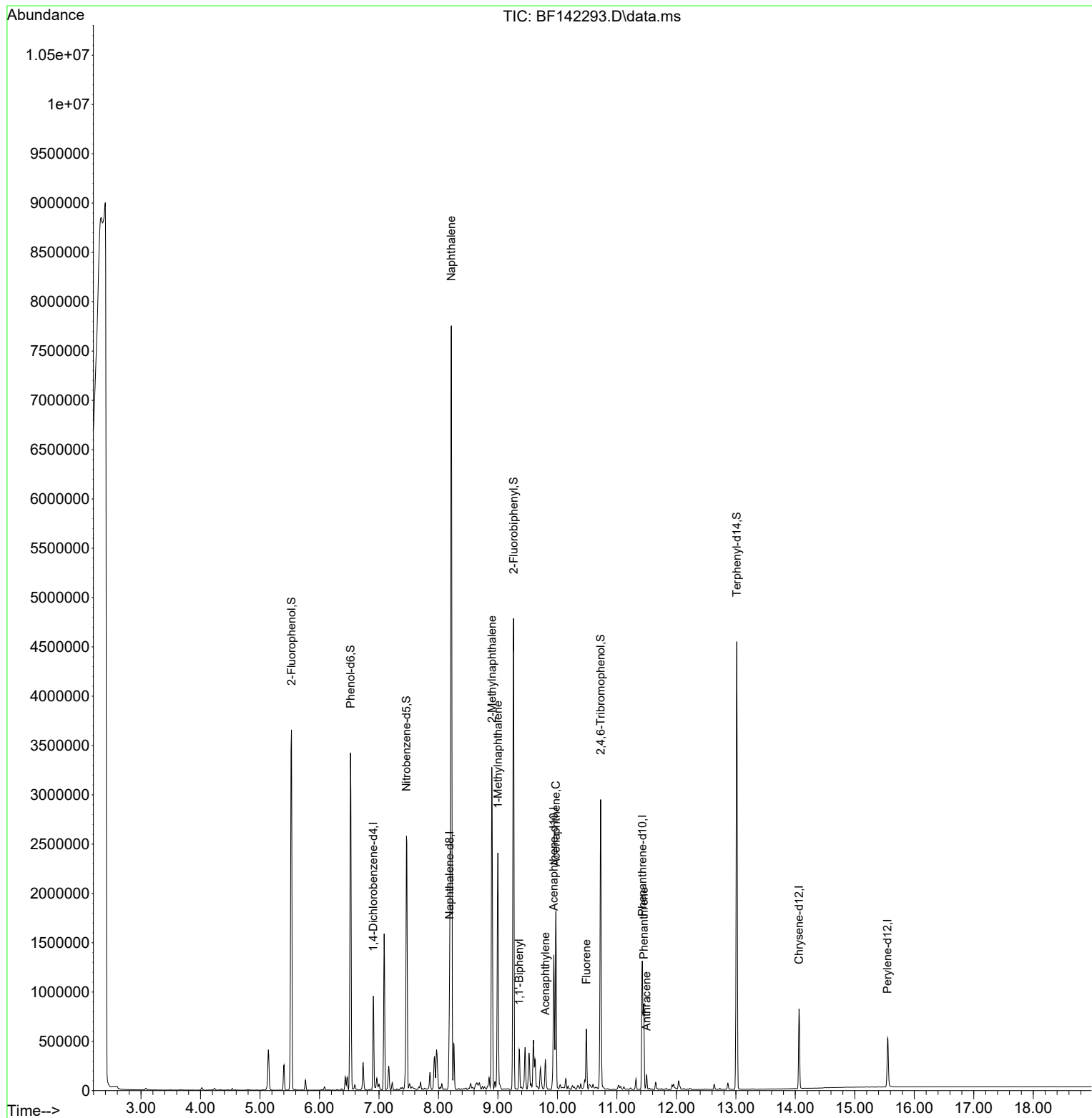
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	197683	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	756649	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	397461	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	651057	20.000	ng	0.00
76) Chrysene-d12	14.063	240	383117	20.000	ng	-0.01
86) Perylene-d12	15.551	264	300660	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1454384	117.498	ng	0.01
7) Phenol-d6	6.522	99	1633564	109.289	ng	0.00
23) Nitrobenzene-d5	7.463	82	1116010	96.899	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	520222	143.573	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2168877	76.939	ng	0.00
79) Terphenyl-d14	13.016	244	2240558	85.057	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.216	128	5326768	141.164	ng	96
37) 2-Methylnaphthalene	8.898	142	1248966	53.834	ng	100
38) 1-Methylnaphthalene	8.998	142	874370	36.380	ng	99
46) 1,1'-Biphenyl	9.357	154	177786	5.754	ng	99
49) Acenaphthylene	9.798	152	87882	2.265	ng	# 95
52) Acenaphthene	9.975	154	547150	24.156	ng	99
58) Fluorene	10.486	166	266289	10.314	ng	99
71) Phenanthrene	11.451	178	448782	12.761	ng	98
72) Anthracene	11.498	178	77810	2.164	ng	98

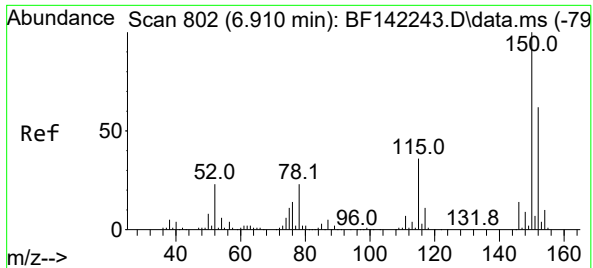
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142293.D
Acq On : 02 May 2025 21:11
Operator : RC/JU
Sample : Q1929-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A4-02-C

Quant Time: May 02 22:50:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

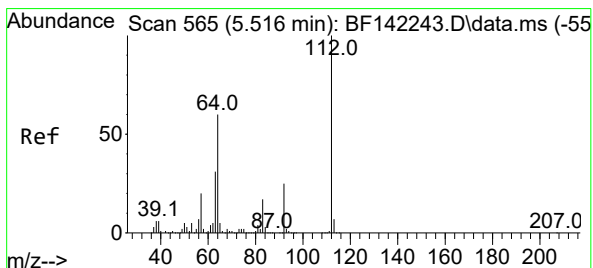
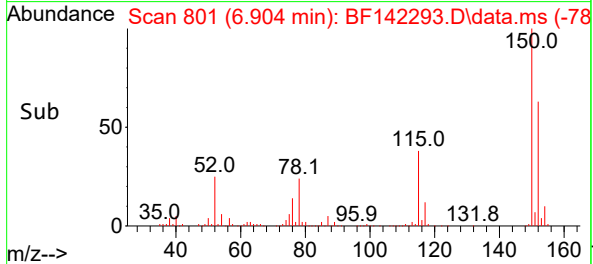
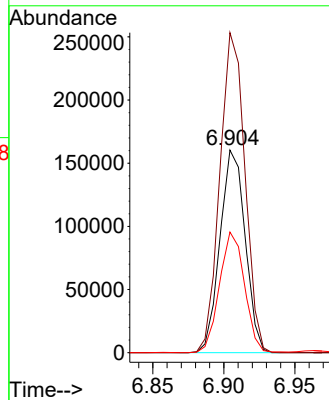
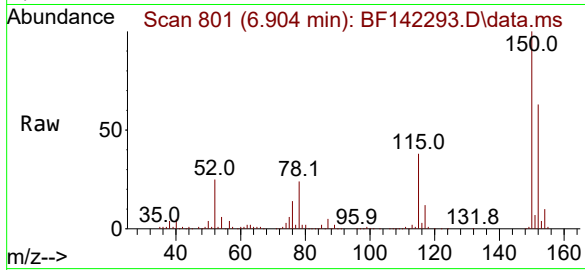




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142293.D
Acq: 02 May 2025 21:11

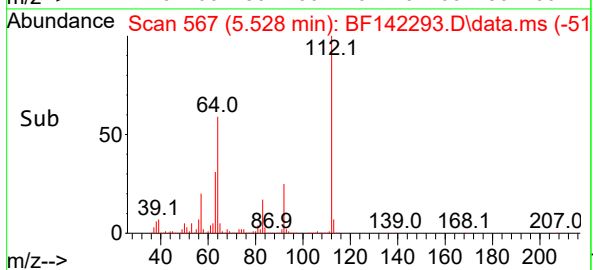
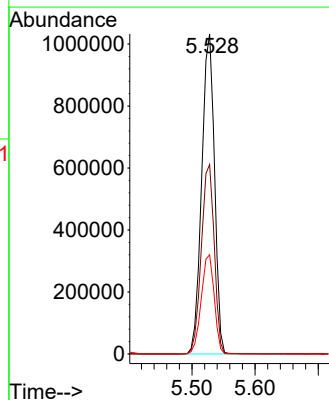
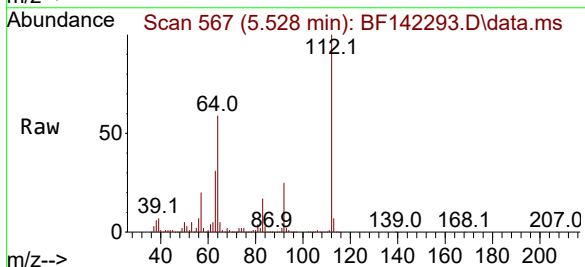
Instrument :
BNA_F
ClientSampleId :
WC-A4-02-C

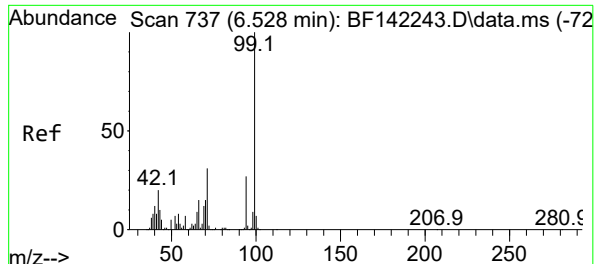
Tgt Ion:152 Resp: 197683
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 59.6 47.0 70.4



#5
2-Fluorophenol
Concen: 117.498 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142293.D
Acq: 02 May 2025 21:11

Tgt Ion:112 Resp: 1454384
Ion Ratio Lower Upper
112 100
64 59.2 48.4 72.6
63 31.0 24.8 37.2





#7

Phenol-d6

Concen: 109.289 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

Instrument :

BNA_F

ClientSampleId :

WC-A4-02-C

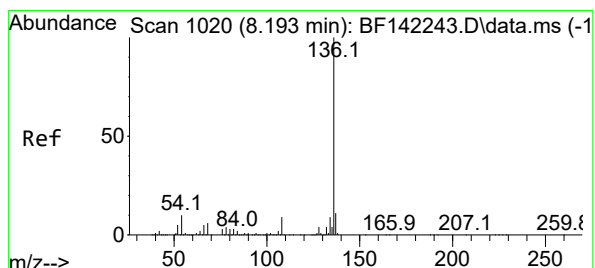
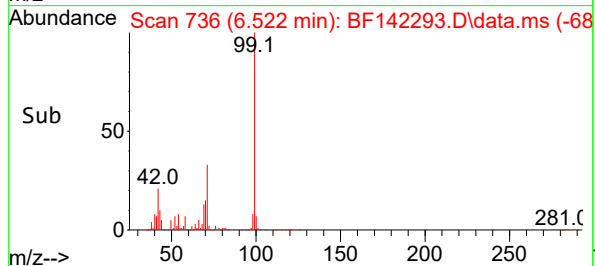
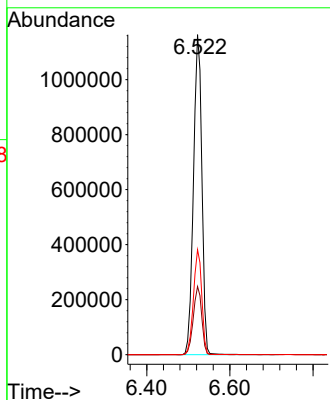
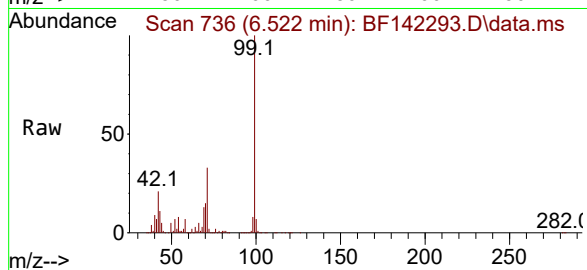
Tgt Ion: 99 Resp: 1633564

Ion Ratio Lower Upper

99 100

42 21.3 16.3 24.5

71 32.8 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

Tgt Ion: 136 Resp: 756649

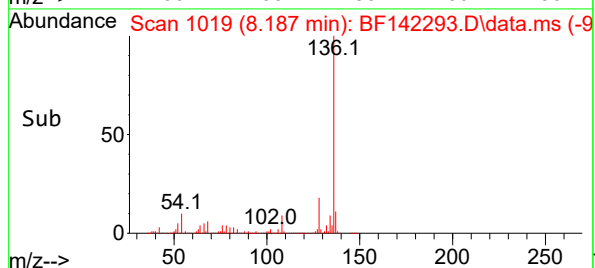
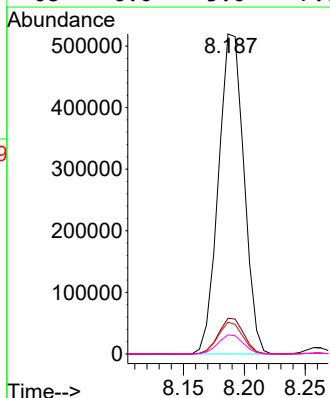
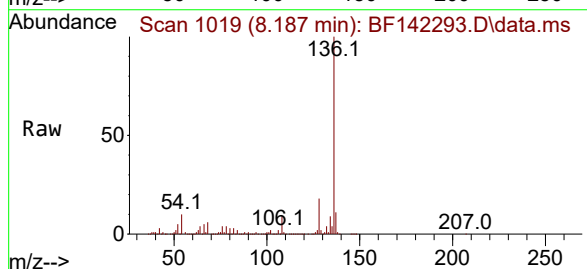
Ion Ratio Lower Upper

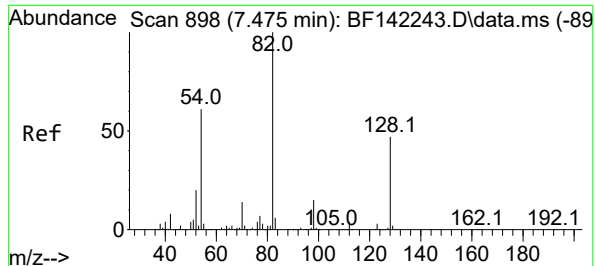
136 100

137 11.2 8.7 13.1

54 9.9 7.7 11.5

68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 96.899 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

Instrument :

BNA_F

ClientSampleId :

WC-A4-02-C

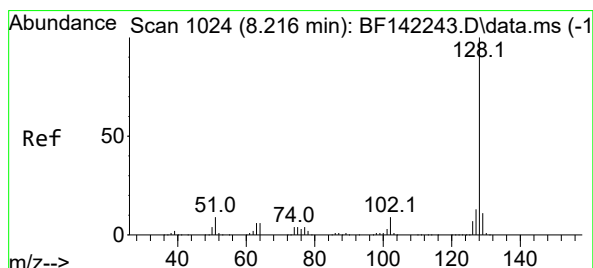
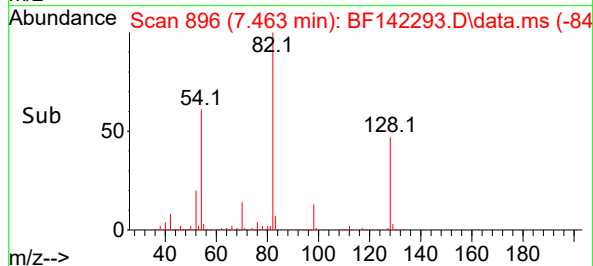
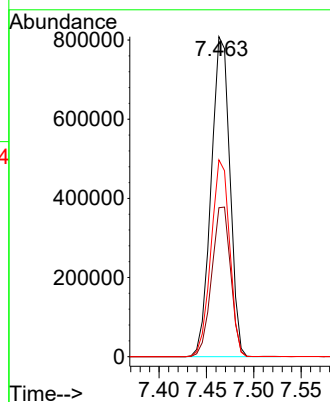
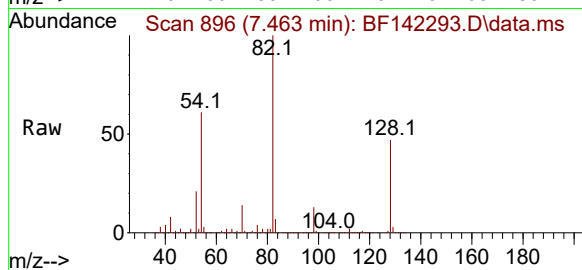
Tgt Ion: 82 Resp: 1116010

Ion Ratio Lower Upper

82 100

128 46.5 37.0 55.6

54 61.5 48.0 72.0



#31

Naphthalene

Concen: 141.164 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

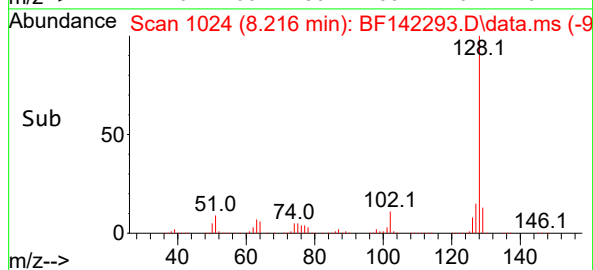
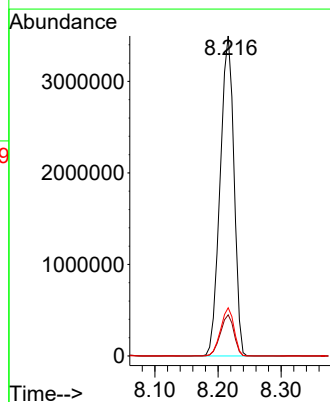
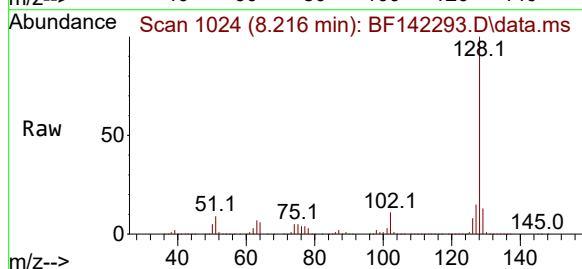
Tgt Ion:128 Resp: 5326768

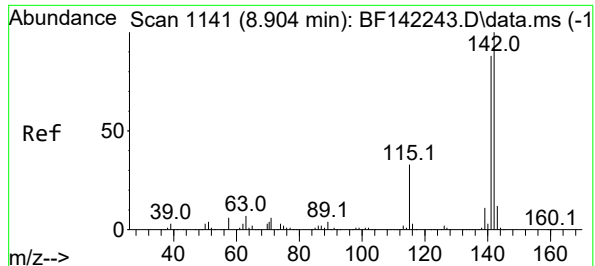
Ion Ratio Lower Upper

128 100

129 12.9 9.0 13.4

127 15.1 10.6 15.8





#37

2-Methylnaphthalene

Concen: 53.834 ng

RT: 8.898 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

Instrument :

BNA_F

ClientSampleId :

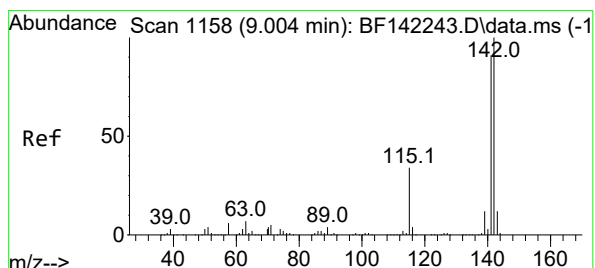
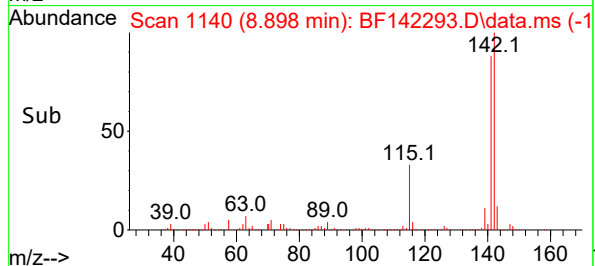
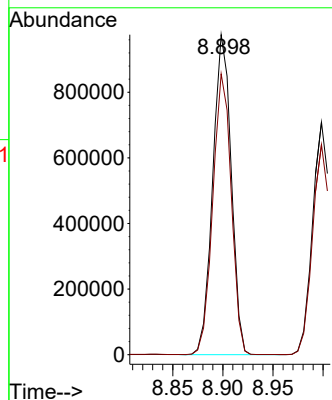
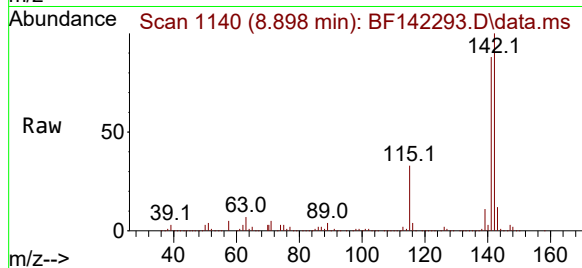
WC-A4-02-C

Tgt Ion:142 Resp: 1248966

Ion Ratio Lower Upper

142 100

141 87.7 70.5 105.7



#38

1-Methylnaphthalene

Concen: 36.380 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BF142293.D

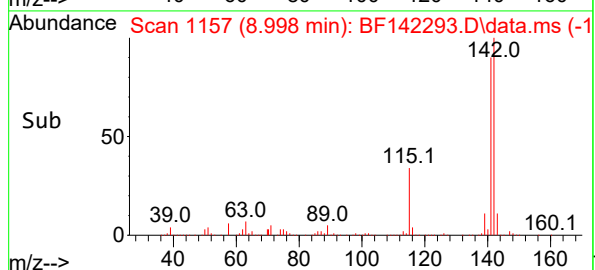
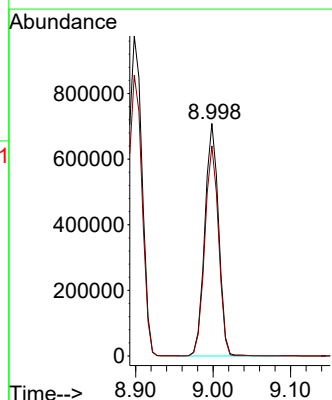
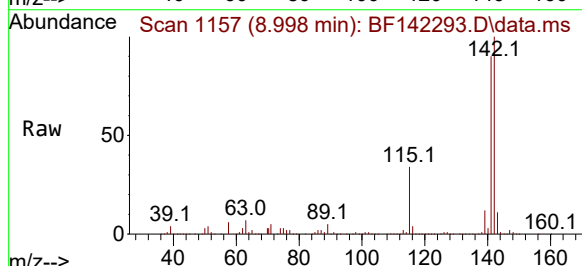
Acq: 02 May 2025 21:11

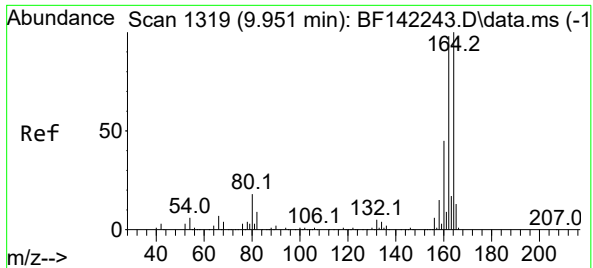
Tgt Ion:142 Resp: 874370

Ion Ratio Lower Upper

142 100

141 90.3 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

Instrument :

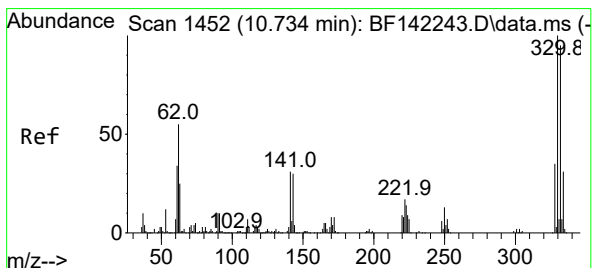
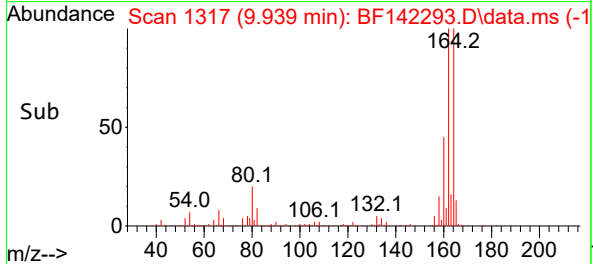
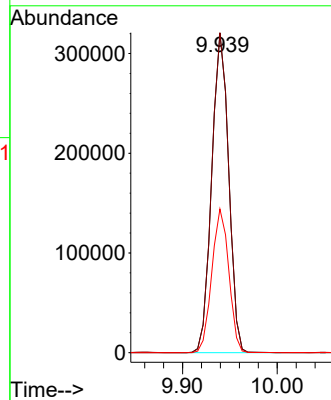
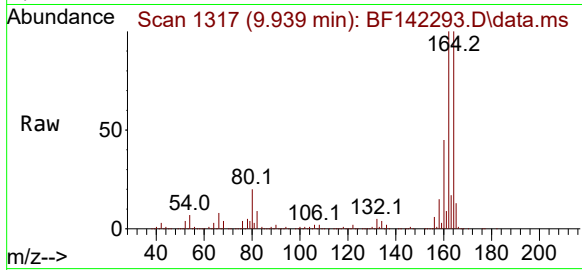
BNA_F

ClientSampleId :

WC-A4-02-C

Tgt Ion:164 Resp: 397461

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.6	117.8
160	44.9	35.7	53.5



#42

2,4,6-Tribromophenol

Concen: 143.573 ng

RT: 10.728 min Scan# 1451

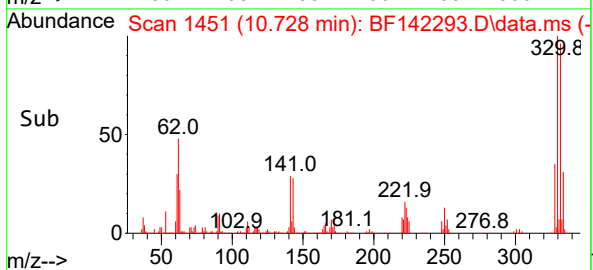
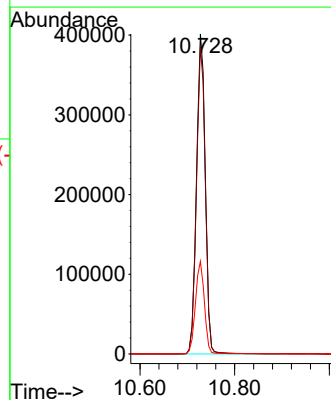
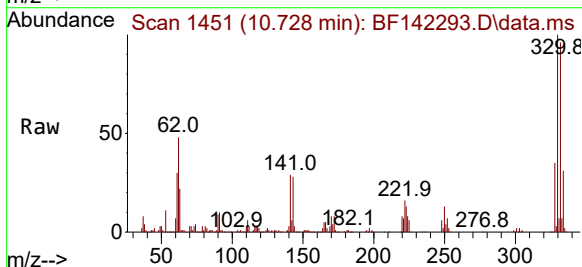
Delta R.T. -0.006 min

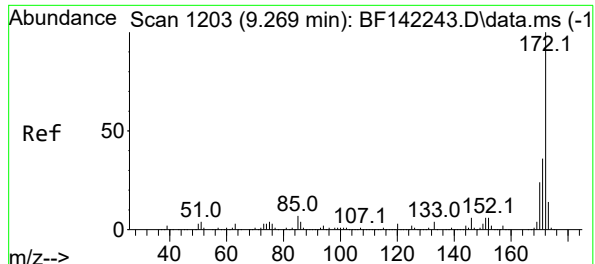
Lab File: BF142293.D

Acq: 02 May 2025 21:11

Tgt Ion:330 Resp: 520222

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.5	114.7
141	29.4	24.3	36.5





#45

2-Fluorobiphenyl

Concen: 76.939 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

Instrument :

BNA_F

ClientSampleId :

WC-A4-02-C

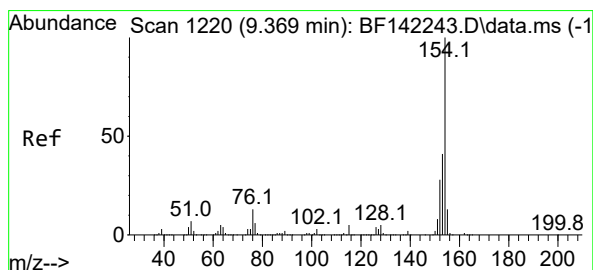
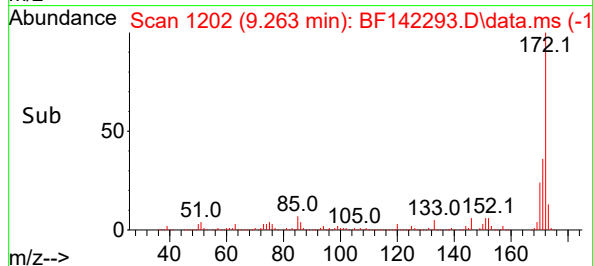
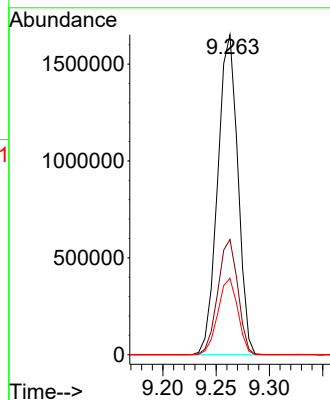
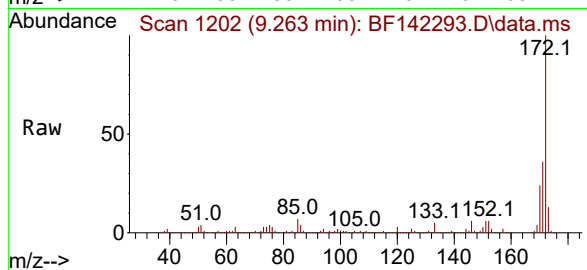
Tgt Ion:172 Resp: 2168877

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

170 23.8 19.4 29.0



#46

1,1'-Biphenyl

Concen: 5.754 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

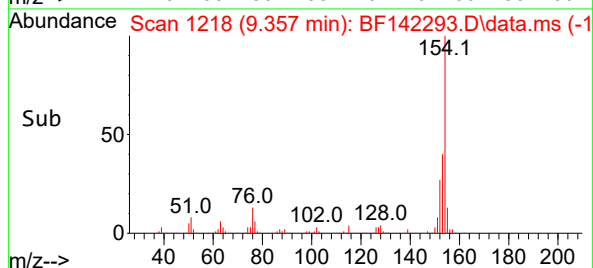
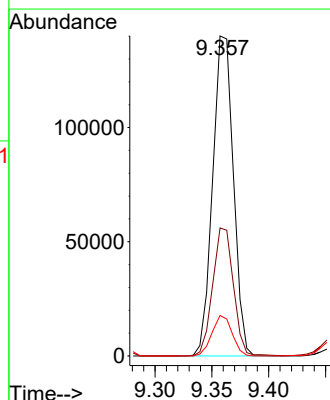
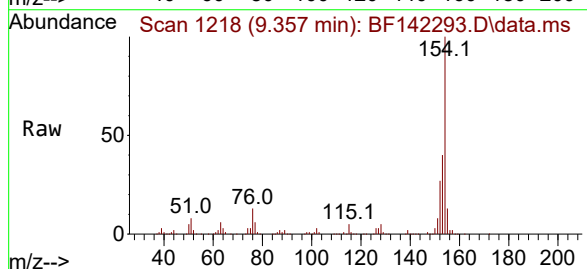
Tgt Ion:154 Resp: 177786

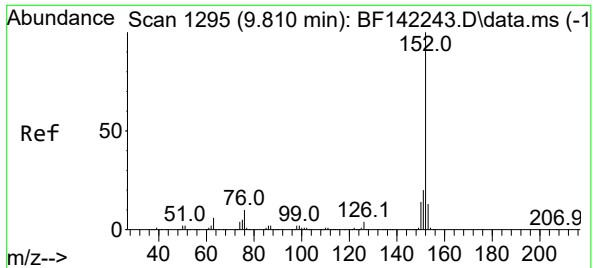
Ion Ratio Lower Upper

154 100

153 40.0 20.5 60.5

76 12.7 0.0 32.8





#49

Acenaphthylene

Concen: 2.265 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

Instrument :

BNA_F

ClientSampleId :

WC-A4-02-C

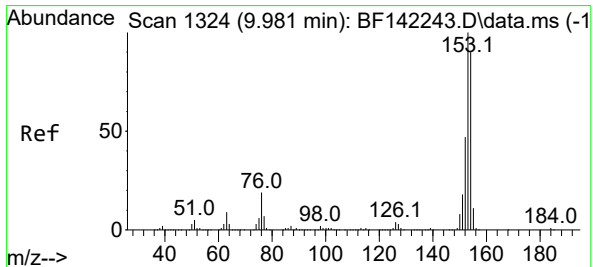
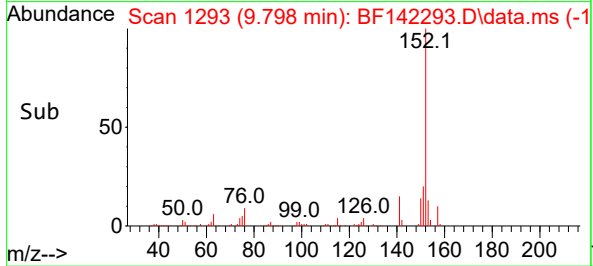
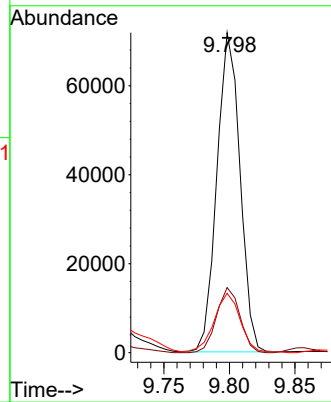
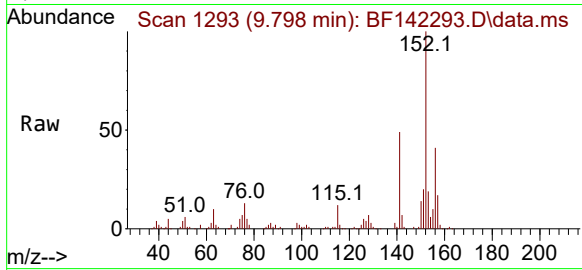
Tgt Ion:152 Resp: 87882

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 18.6 10.7 16.1#



#52

Acenaphthene

Concen: 24.156 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

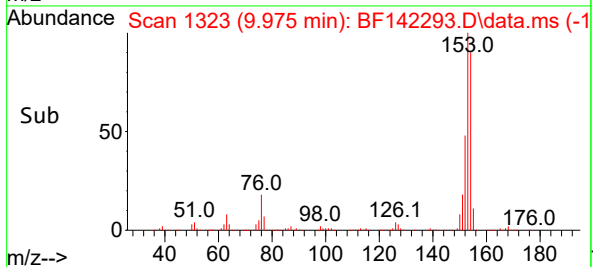
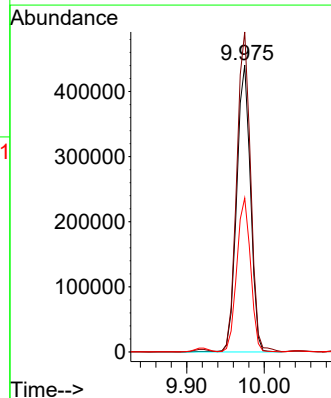
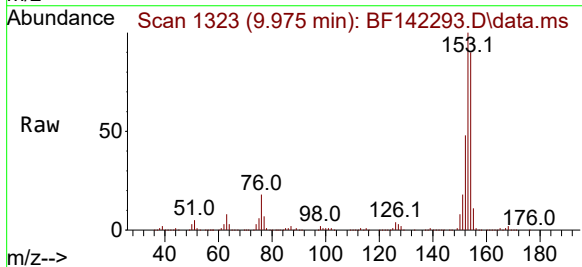
Tgt Ion:154 Resp: 547150

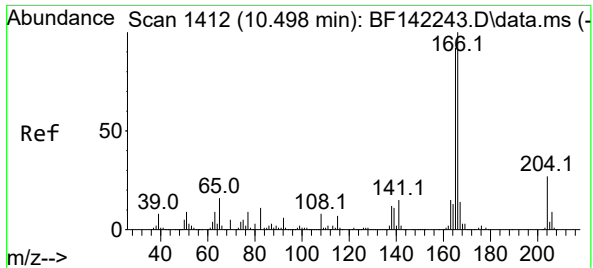
Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

152 53.7 42.1 63.1





#58

Fluorene

Concen: 10.314 ng

RT: 10.486 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

Instrument :

BNA_F

ClientSampleId :

WC-A4-02-C

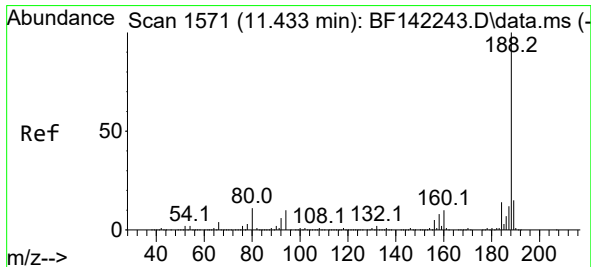
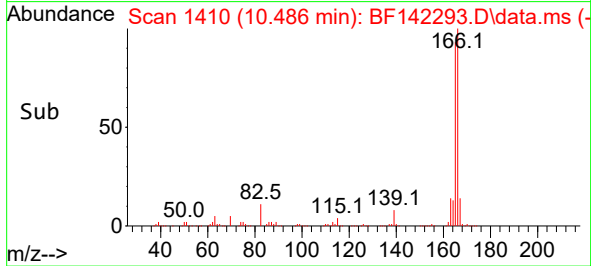
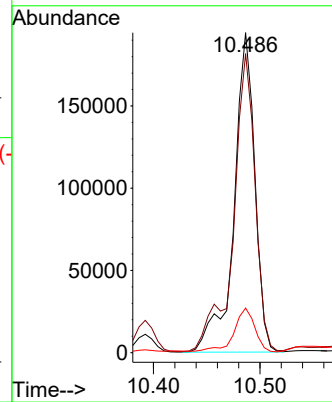
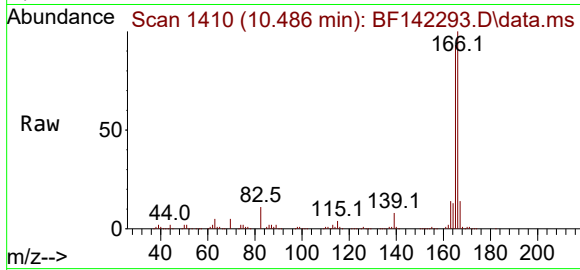
Tgt Ion:166 Resp: 266289

Ion Ratio Lower Upper

166 100

165 93.5 73.9 110.9

167 14.0 10.8 16.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

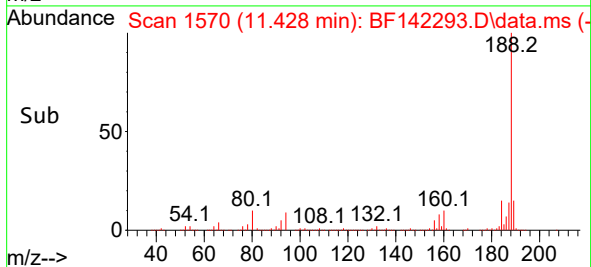
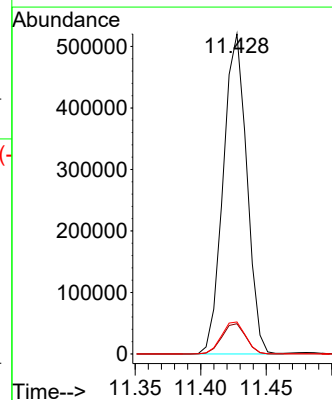
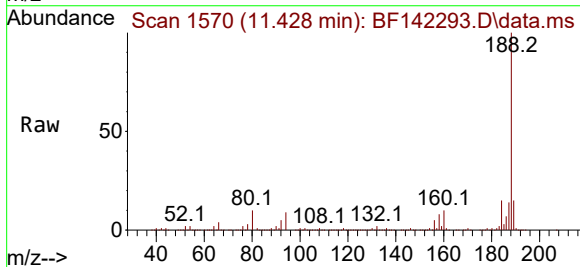
Tgt Ion:188 Resp: 651057

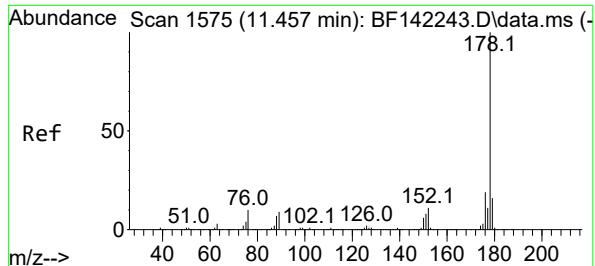
Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

80 10.0 8.6 12.8





#71

Phenanthrene

Concen: 12.761 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

Instrument :

BNA_F

ClientSampleId :

WC-A4-02-C

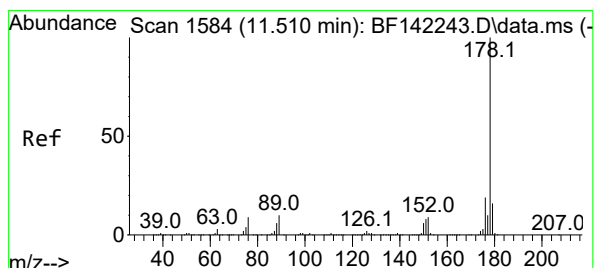
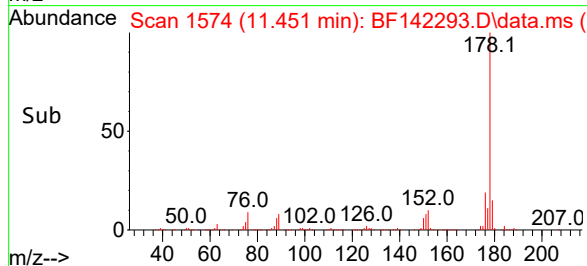
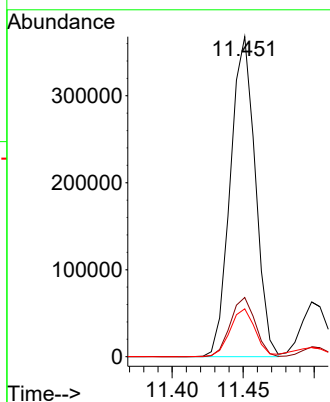
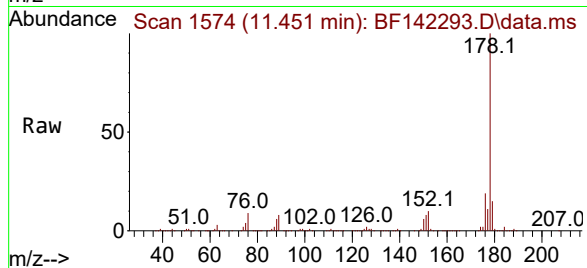
Tgt Ion:178 Resp: 448782

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

179 15.0 12.6 19.0



#72

Anthracene

Concen: 2.164 ng

RT: 11.498 min Scan# 1582

Delta R.T. -0.012 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

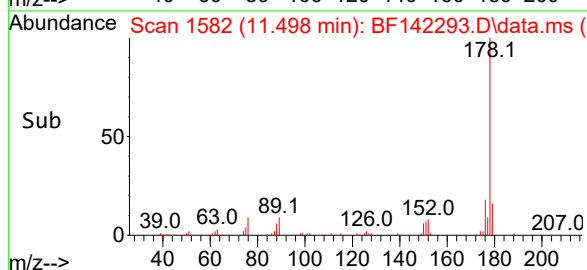
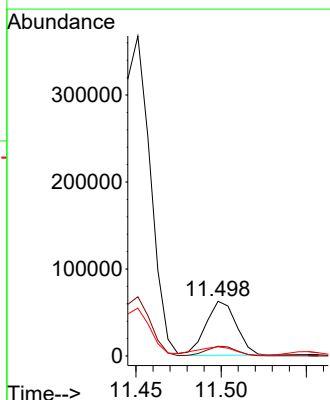
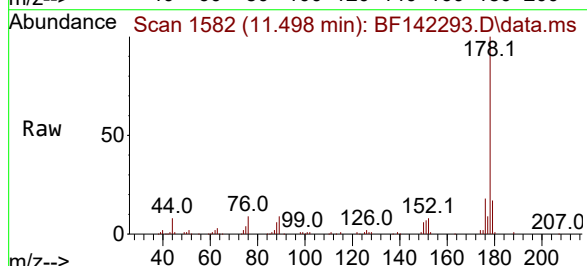
Tgt Ion:178 Resp: 77810

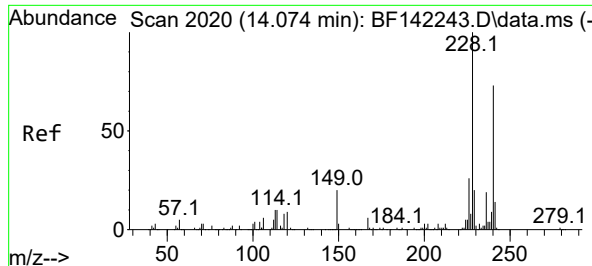
Ion Ratio Lower Upper

178 100

176 17.8 15.3 22.9

179 16.6 12.7 19.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

Instrument :

BNA_F

ClientSampleId :

WC-A4-02-C

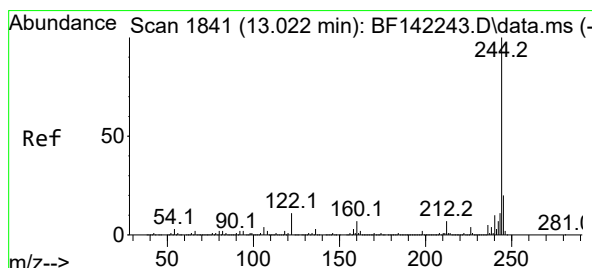
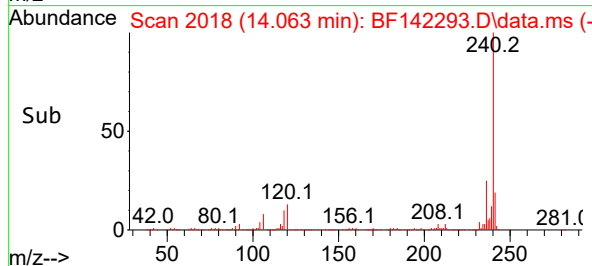
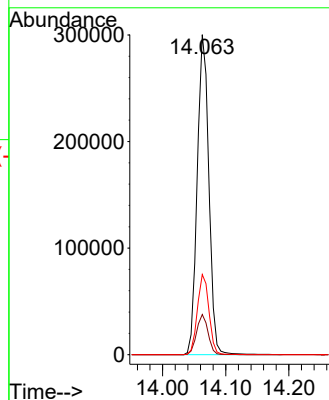
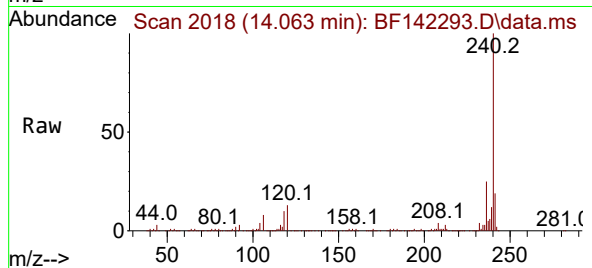
Tgt Ion:240 Resp: 383117

Ion Ratio Lower Upper

240 100

120 12.5 10.1 15.1

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 85.057 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142293.D

Acq: 02 May 2025 21:11

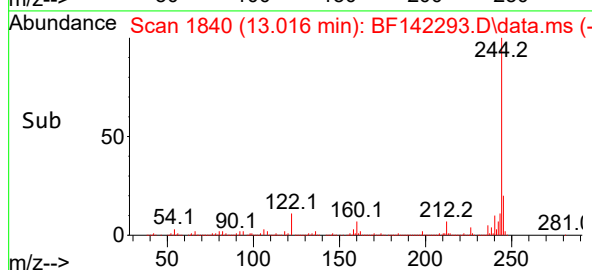
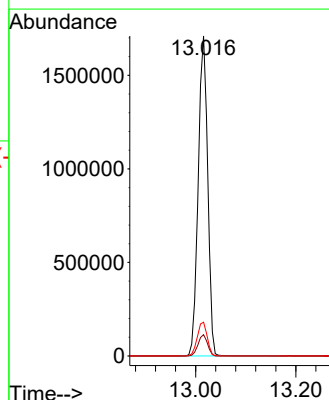
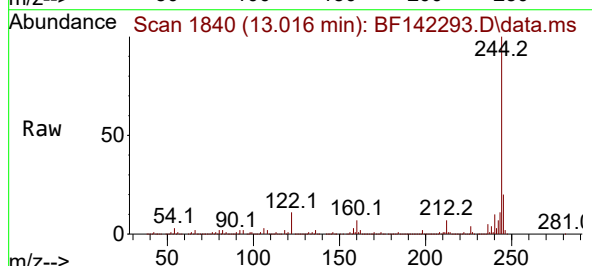
Tgt Ion:244 Resp: 2240558

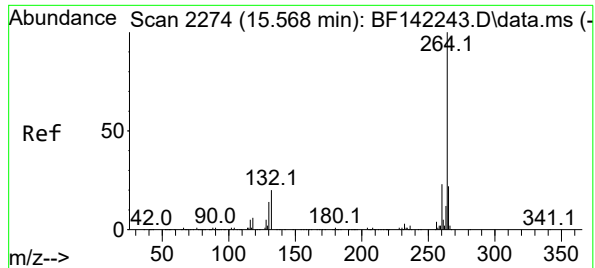
Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.6 9.1 13.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF142293.D

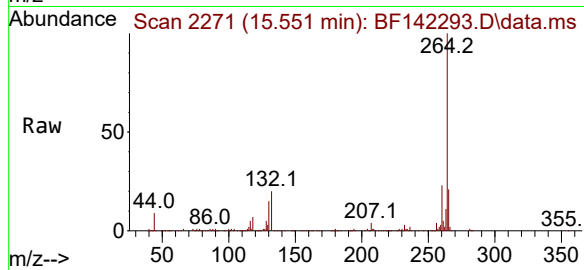
Acq: 02 May 2025 21:11

Instrument :

BNA_F

ClientSampleId :

WC-A4-02-C



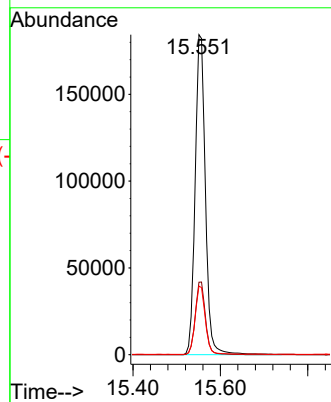
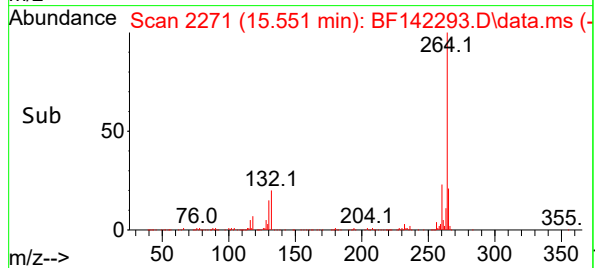
Tgt Ion:264 Resp: 300660

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.4 17.3 25.9



Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-03-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-07	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BP024532.D	1	05/02/25 11:10	05/05/25 19:28	PB167847

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	128		15 (10) - 110 (139)	85%	SPK: 150
13127-88-3	Phenol-d6	102		15 (10) - 110 (134)	68%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.0		30 (49) - 130 (133)	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.0		30 (52) - 130 (132)	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	177	*	15 (44) - 110 (137)	118%	SPK: 150
1718-51-0	Terphenyl-d14	95.2		30 (48) - 130 (125)	95%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	134000	7.71			
1146-65-2	Naphthalene-d8	525000	10.481			
15067-26-2	Acenaphthene-d10	307000	14.339			
1517-22-2	Phenanthrene-d10	670000	17.139			
1719-03-5	Chrysene-d12	845000	21.592			
1520-96-3	Perylene-d12	480000	24.921			

Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-03-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-07	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BP024532.D	1	05/02/25 11:10	05/05/25 19:28	PB167847

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_P\Data\BP050525\
 Data File : BP024532.D
 Acq On : 05 May 2025 19:28
 Operator : RC/JU
 Sample : Q1929-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A1-03-C

Quant Time: May 06 04:19:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

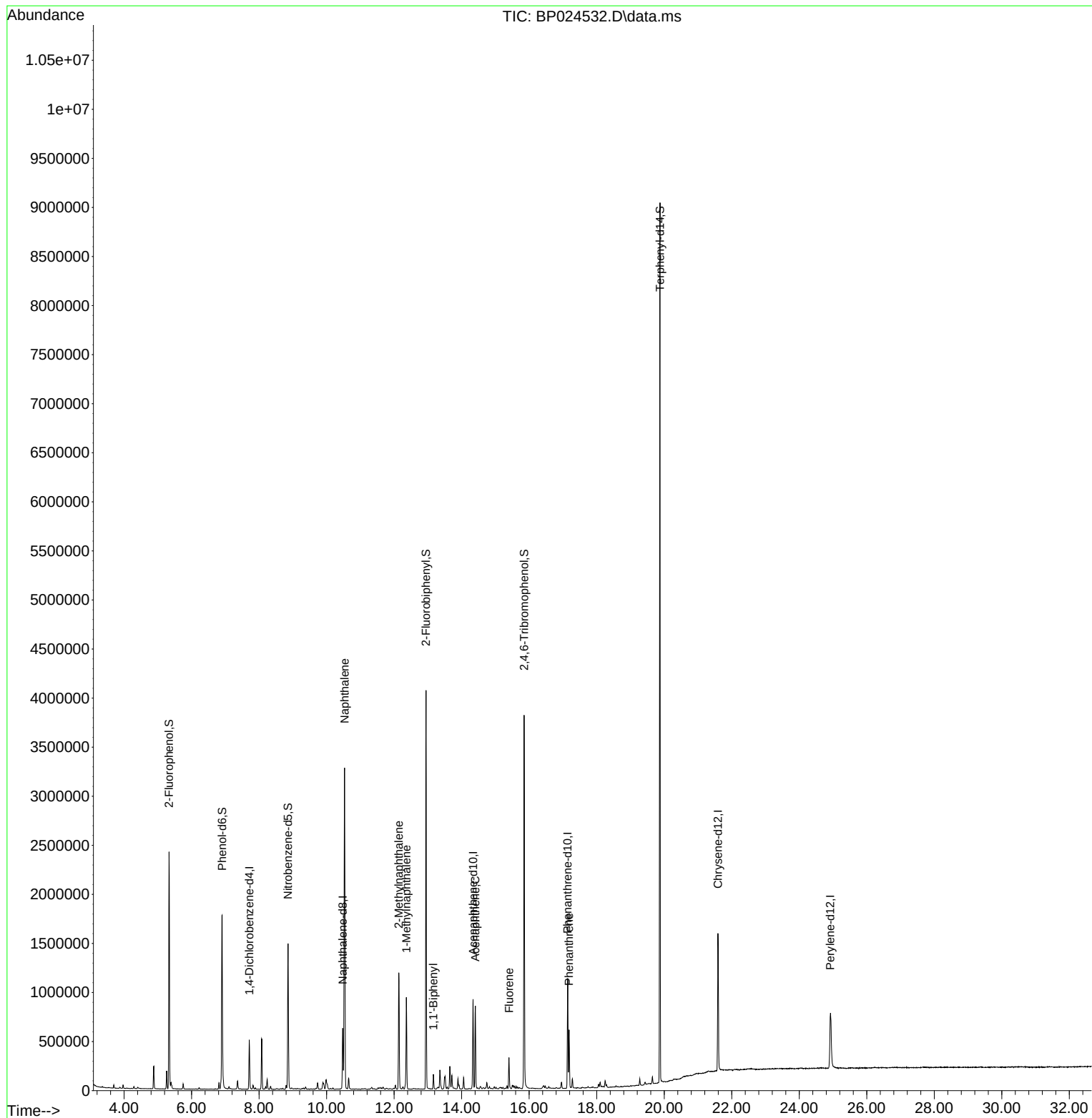
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	134404	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	525227	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	306807	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	669885	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	845035	20.000	ng	# 0.00
86) Perylene-d12	24.921	264	480285	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1037351	127.616	ng	-0.01
7) Phenol-d6	6.905	99	1136944	102.147	ng	0.00
23) Nitrobenzene-d5	8.857	82	866182	94.037	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	749557	176.581	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1863196	92.982	ng	-0.02
79) Terphenyl-d14	19.874	244	3993007	95.244	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.534	128	2859524	103.355	ng	100
37) 2-Methylnaphthalene	12.140	142	580627	30.261	ng	97
38) 1-Methylnaphthalene	12.363	142	413380	22.023	ng	99
46) 1,1'-Biphenyl	13.163	154	72797	3.228	ng	98
52) Acenaphthene	14.404	154	306685	18.229	ng	98
58) Fluorene	15.404	166	144515	6.789	ng	99
71) Phenanthrene	17.181	178	388582	10.633	ng	100

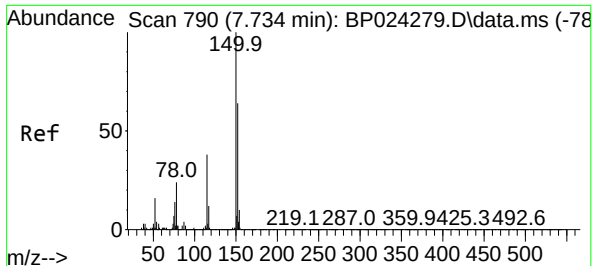
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024532.D
Acq On : 05 May 2025 19:28
Operator : RC/JU
Sample : Q1929-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

Quant Time: May 06 04:19:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

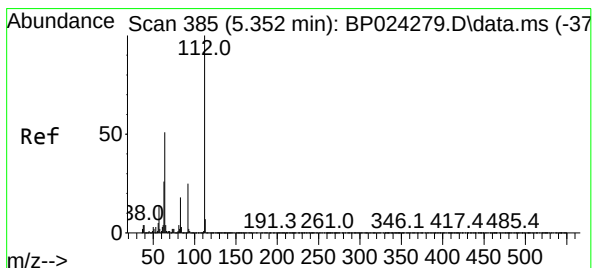
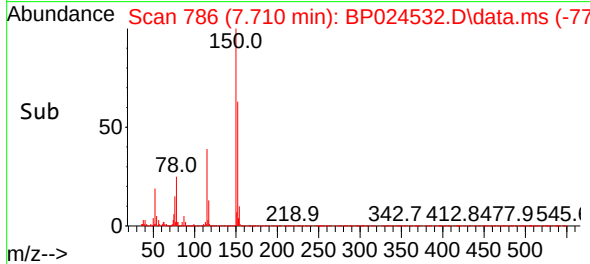
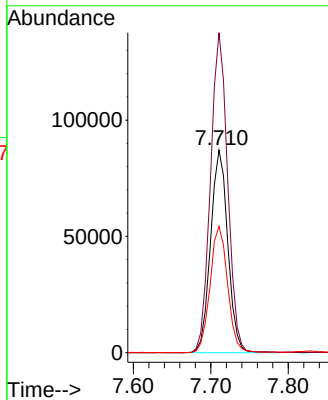
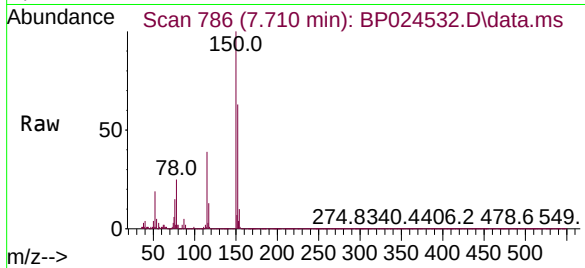




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

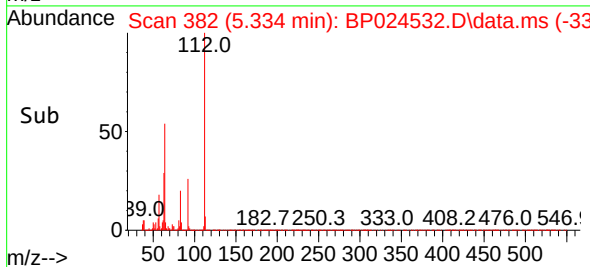
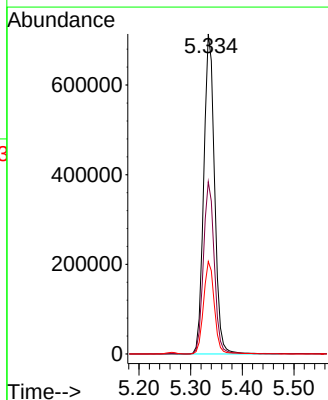
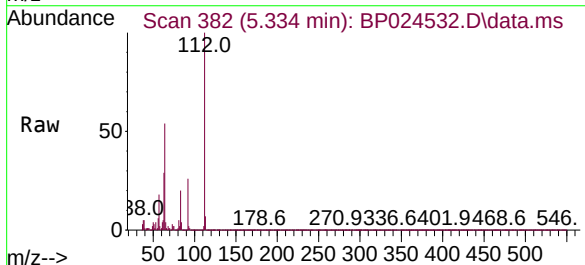
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

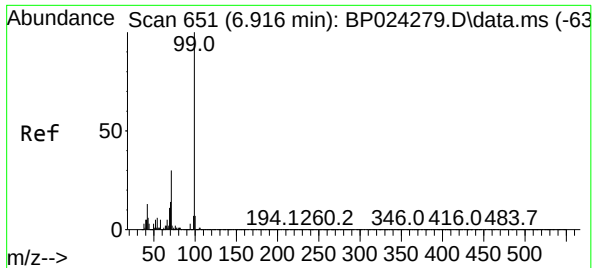
Tgt Ion:152 Resp: 134404
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 62.4 47.7 71.5



#5
2-Fluorophenol
Concen: 127.616 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:112 Resp: 1037351
Ion Ratio Lower Upper
112 100
64 53.8 41.1 61.7
63 28.9 20.6 30.8





#7

Phenol-d6

Concen: 102.147 ng

RT: 6.905 min Scan# 64

Delta R.T. -0.006 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

Instrument :

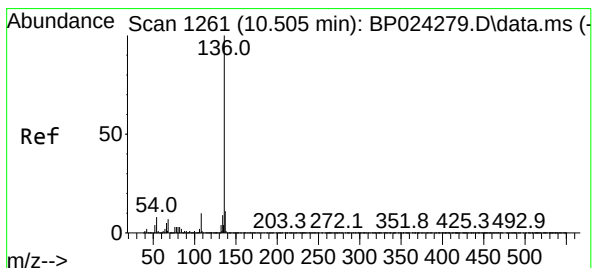
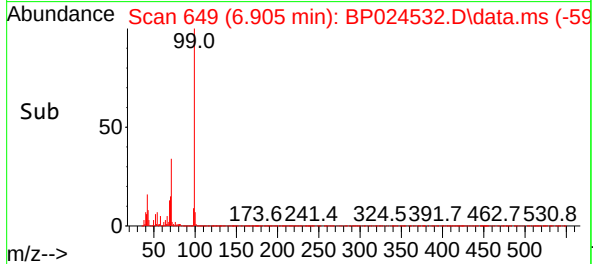
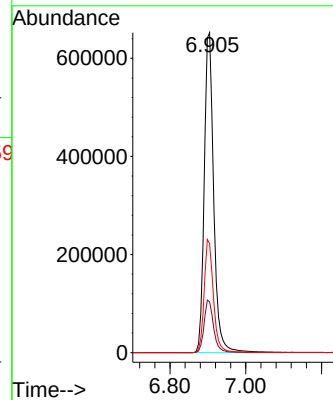
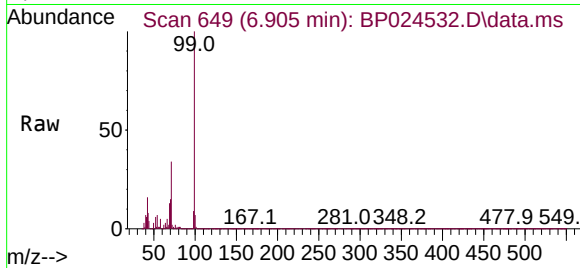
BNA_P

ClientSampleId :

WC-A1-03-C

Tgt Ion: 99 Resp: 1136944

Ion	Ratio	Lower	Upper
99	100		
42	15.9	10.6	16.0
71	34.1	23.7	35.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 1257

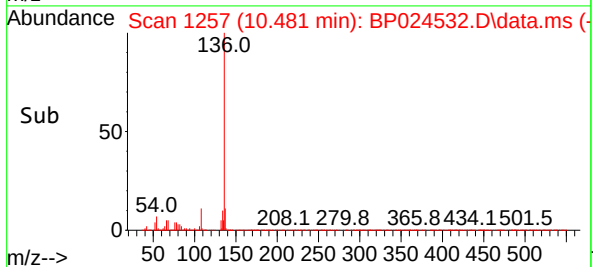
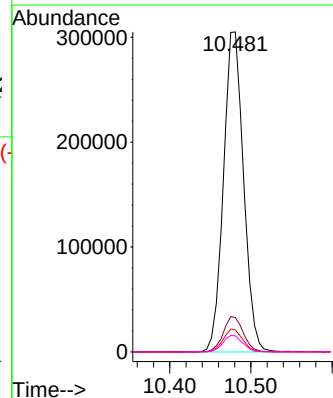
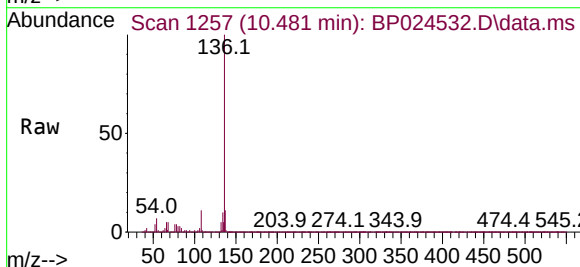
Delta R.T. -0.018 min

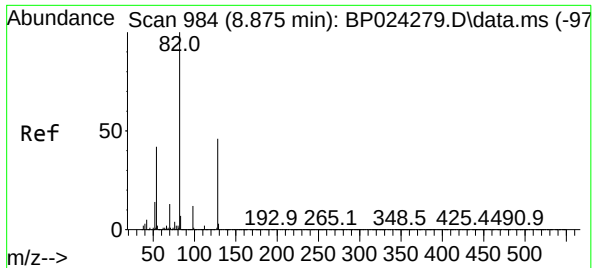
Lab File: BP024532.D

Acq: 05 May 2025 19:28

Tgt Ion:136 Resp: 525227

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.8	6.0	9.0
68	5.0	5.5	8.3





#23

Nitrobenzene-d5

Concen: 94.037 ng

RT: 8.857 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

Instrument :

BNA_P

ClientSampleId :

WC-A1-03-C

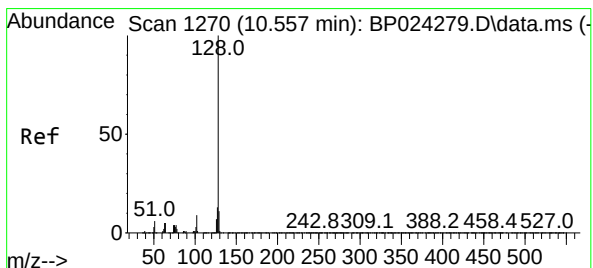
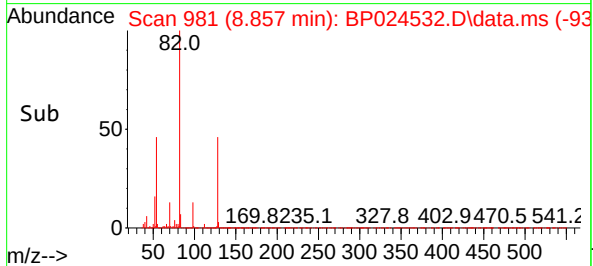
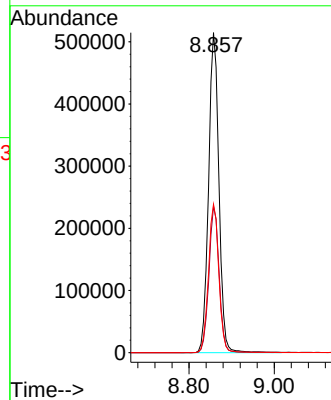
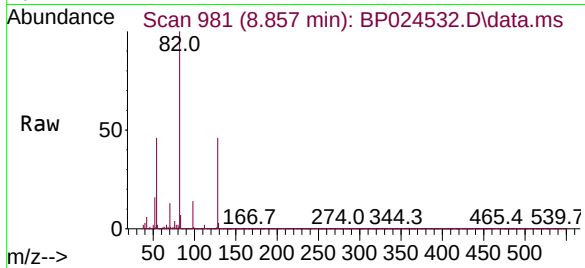
Tgt Ion: 82 Resp: 866182

Ion Ratio Lower Upper

82 100

128 45.7 36.5 54.7

54 46.4 33.4 50.2



#31

Naphthalene

Concen: 103.355 ng

RT: 10.534 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

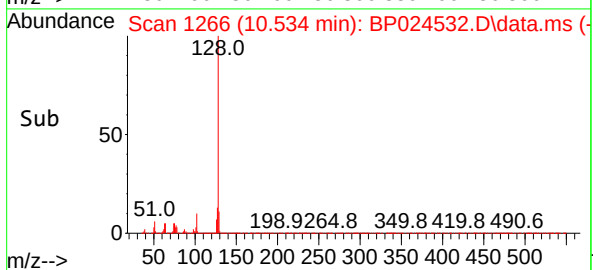
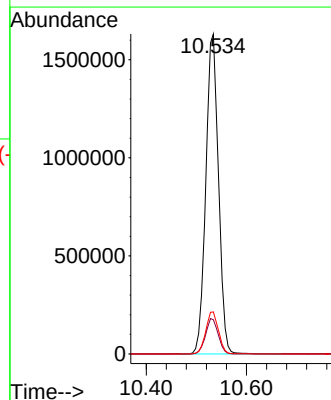
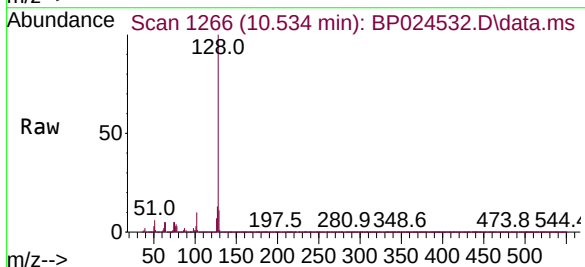
Tgt Ion: 128 Resp: 2859524

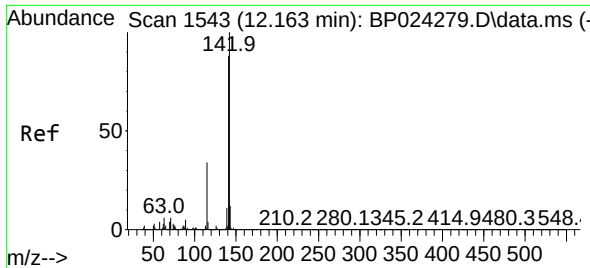
Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 13.1 10.3 15.5

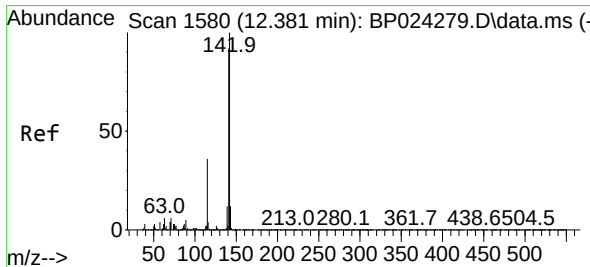
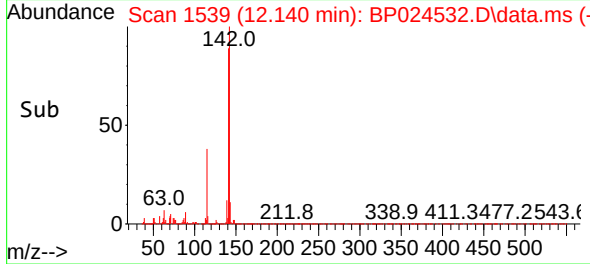
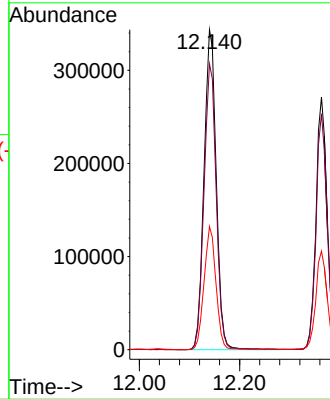
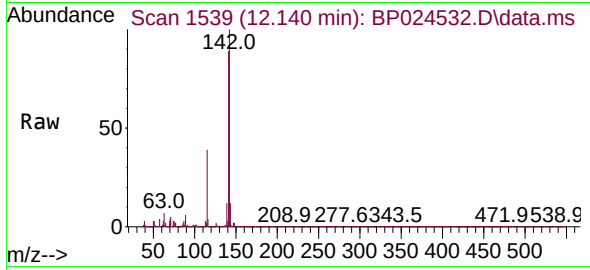




#37
2-Methylnaphthalene
Concen: 30.261 ng
RT: 12.140 min Scan# 1539
Delta R.T. -0.018 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

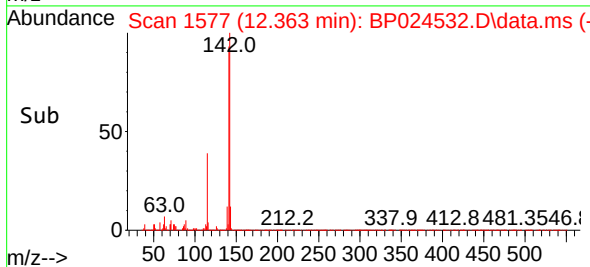
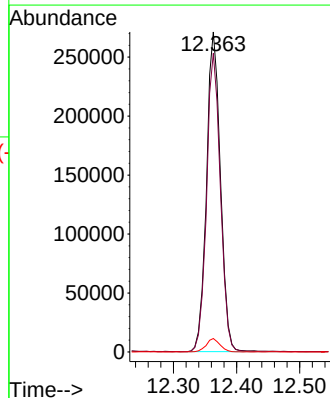
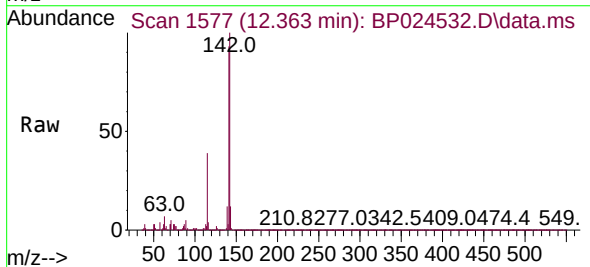
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

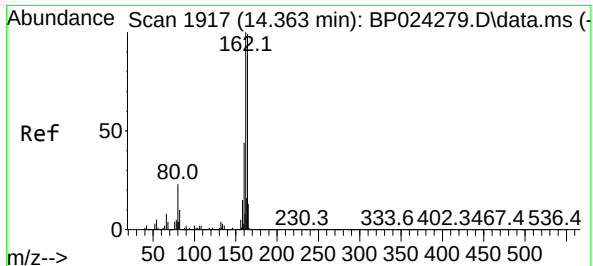
Tgt Ion:142 Resp: 580627
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 38.5 26.9 40.3



#38
1-Methylnaphthalene
Concen: 22.023 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:142 Resp: 413380
Ion Ratio Lower Upper
142 100
141 93.4 73.6 110.4
116 4.2 3.0 4.6

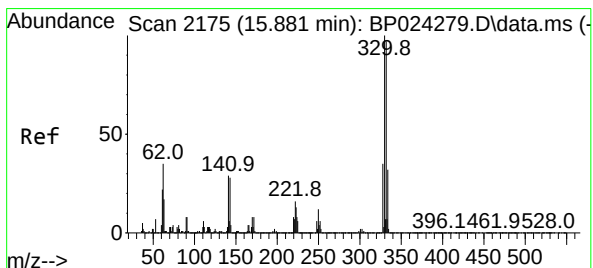
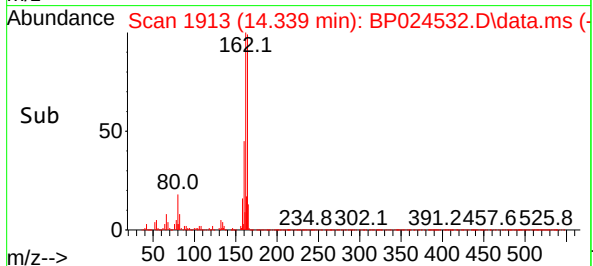
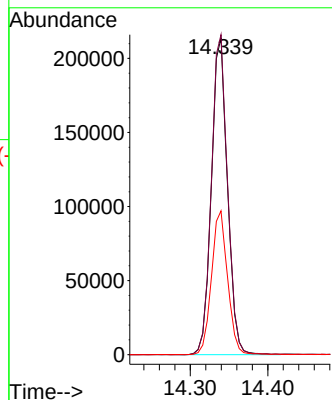
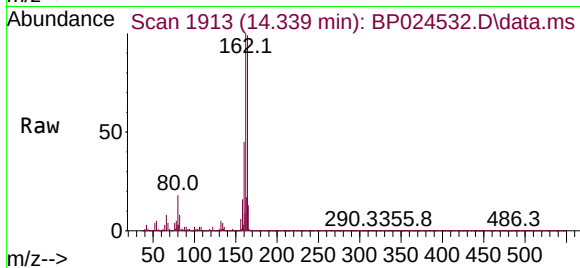




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

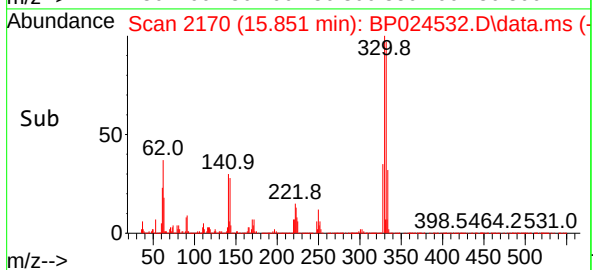
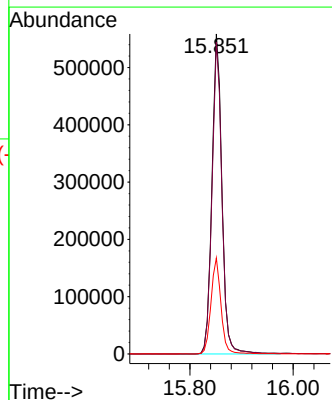
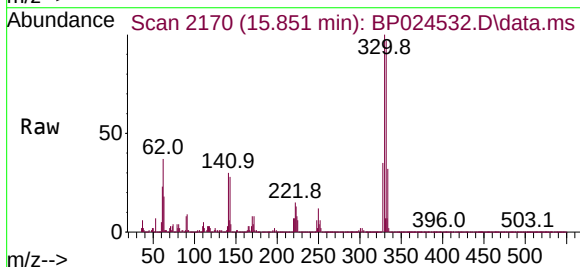
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

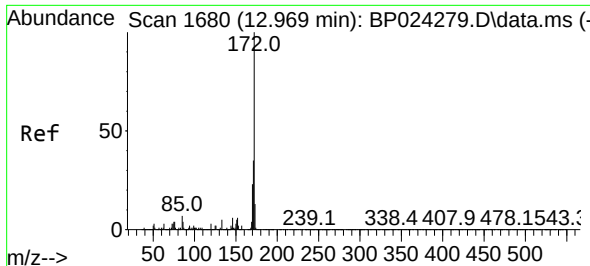
Tgt Ion:164 Resp: 306807
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 176.581 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:330 Resp: 749557
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 30.1 24.7 37.1

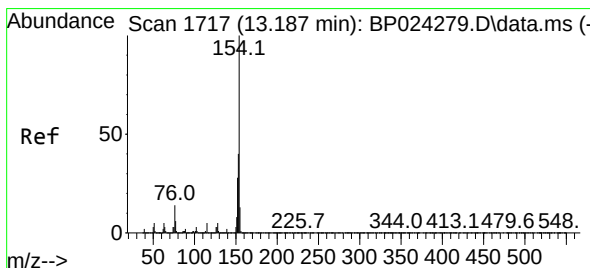
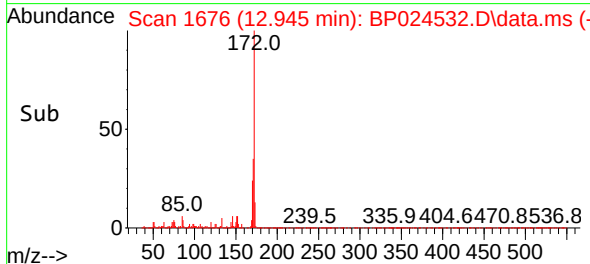
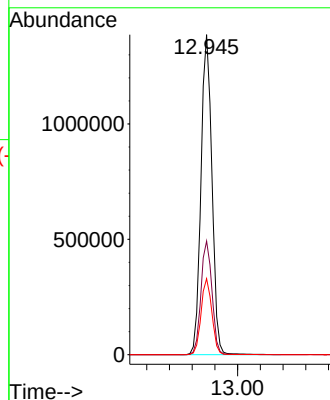
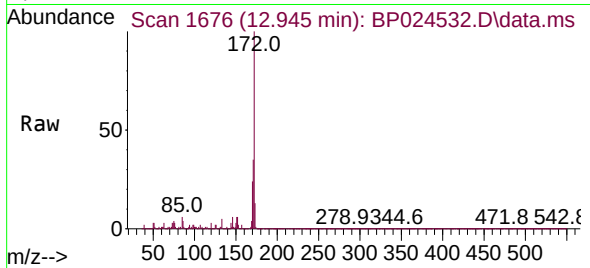




#45
2-Fluorobiphenyl
Concen: 92.982 ng
RT: 12.945 min Scan# 1680
Delta R.T. -0.018 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

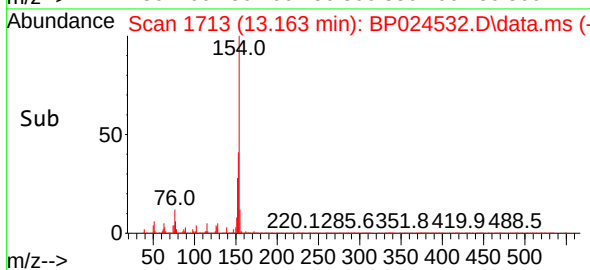
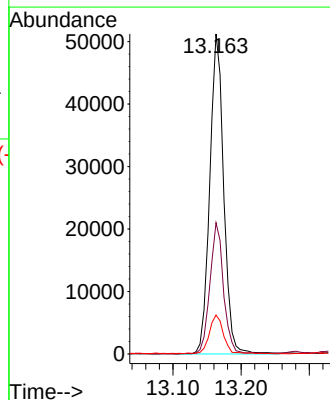
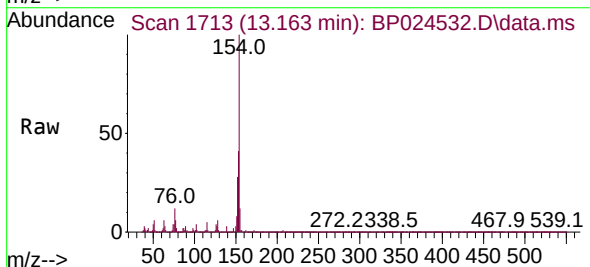
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

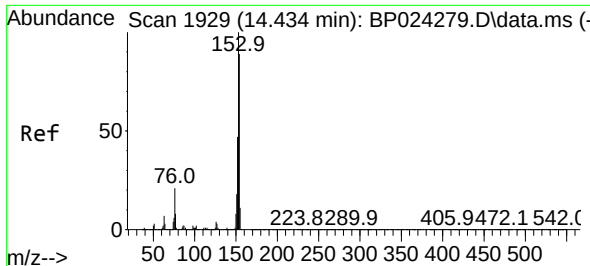
Tgt Ion:172 Resp: 1863196
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.7 18.6 27.8



#46
1,1'-Biphenyl
Concen: 3.228 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:154 Resp: 72797
Ion Ratio Lower Upper
154 100
153 41.0 20.3 60.3
76 12.1 0.0 33.5

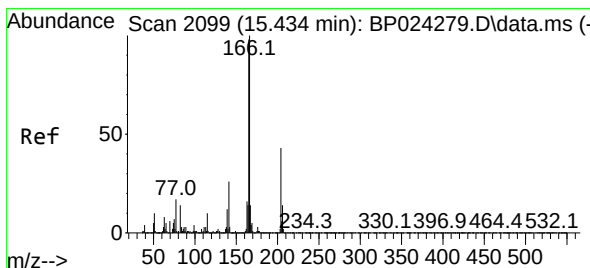
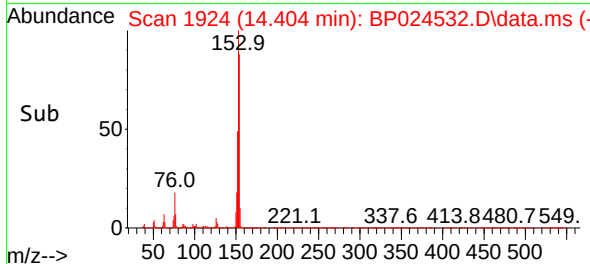
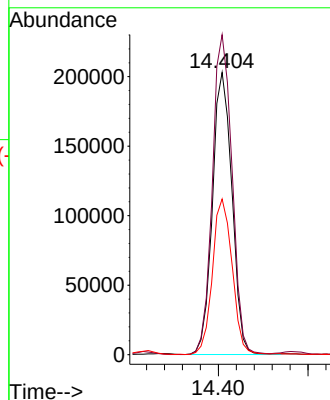
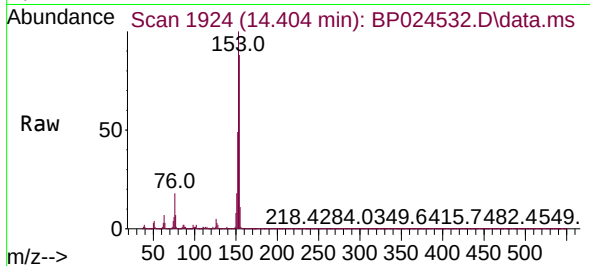




#52
Acenaphthene
Concen: 18.229 ng
RT: 14.404 min Scan# 1929
Delta R.T. -0.018 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

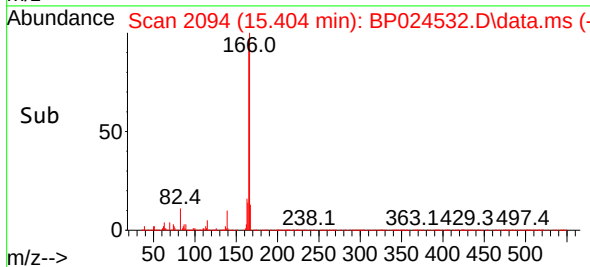
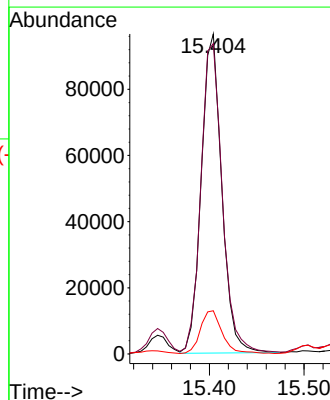
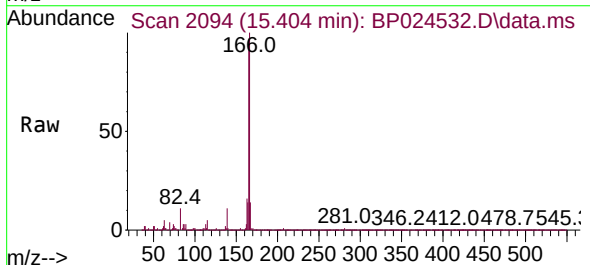
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

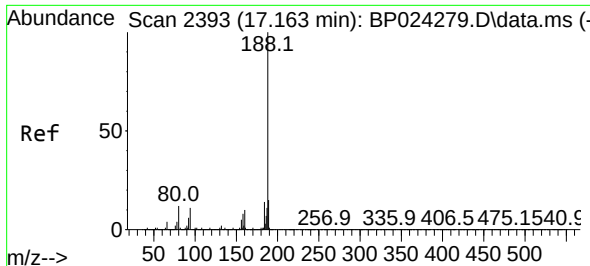
Tgt Ion:154 Resp: 306685
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 55.2 42.6 63.8



#58
Fluorene
Concen: 6.789 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:166 Resp: 144515
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.5 10.9 16.3

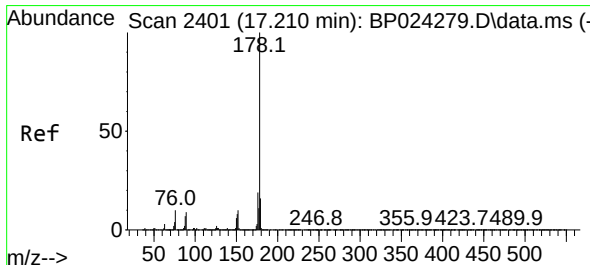
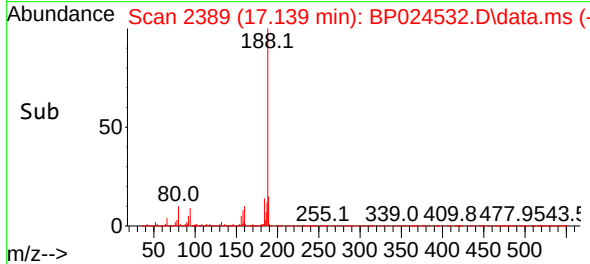
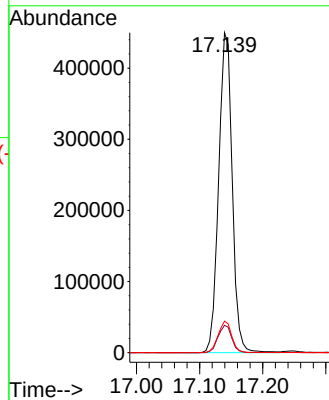
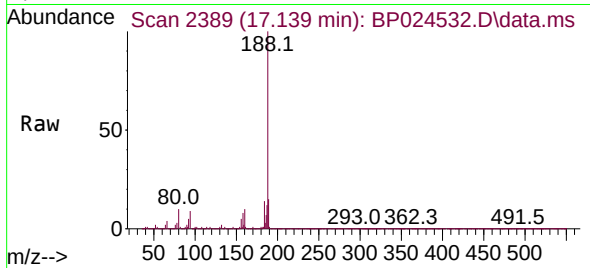




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

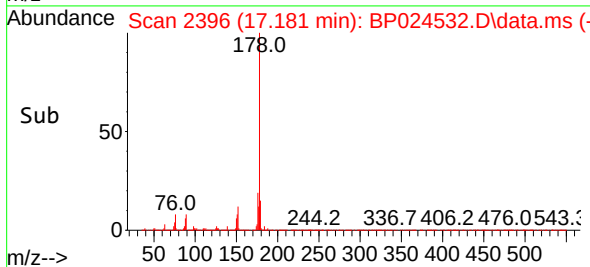
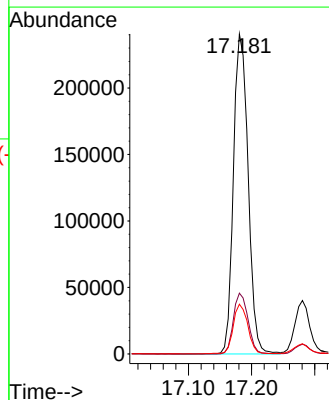
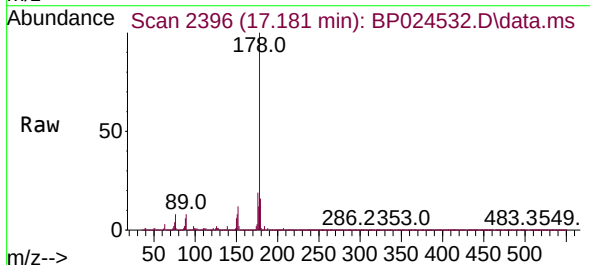
Instrument :
BNA_P
ClientSampleId :
WC-A1-03-C

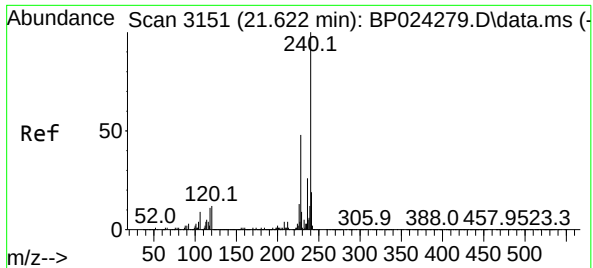
Tgt Ion:188 Resp: 669885
Ion Ratio Lower Upper
188 100
94 8.6 8.6 13.0#
80 9.9 9.8 14.6



#71
Phenanthrene
Concen: 10.633 ng
RT: 17.181 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BP024532.D
Acq: 05 May 2025 19:28

Tgt Ion:178 Resp: 388582
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.5 18.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

Instrument :

BNA_P

ClientSampleId :

WC-A1-03-C

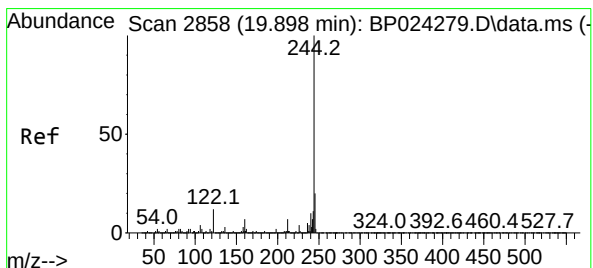
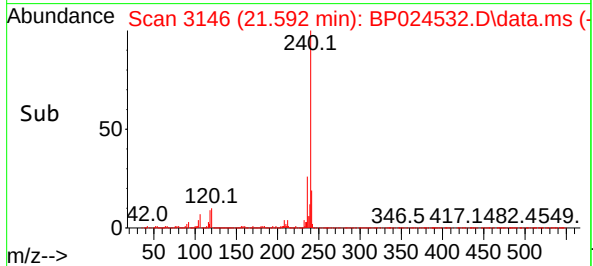
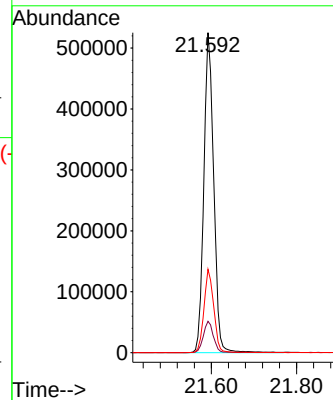
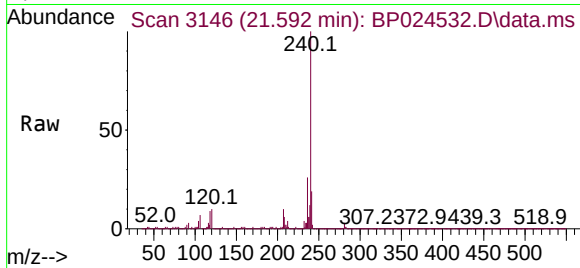
Tgt Ion:240 Resp: 845035

Ion Ratio Lower Upper

240 100

120 9.8 9.8 14.8#

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 95.244 ng

RT: 19.874 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP024532.D

Acq: 05 May 2025 19:28

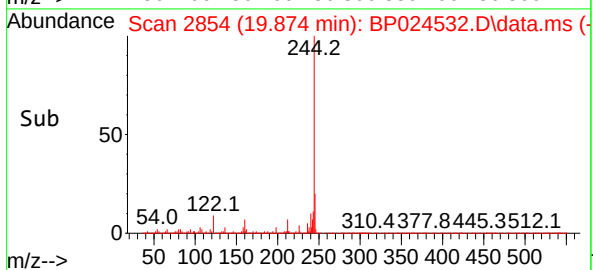
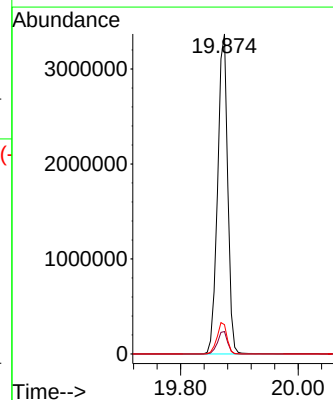
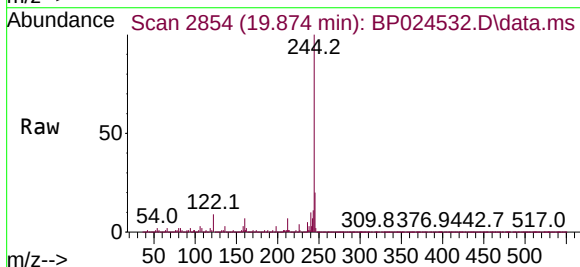
Tgt Ion:244 Resp: 3993007

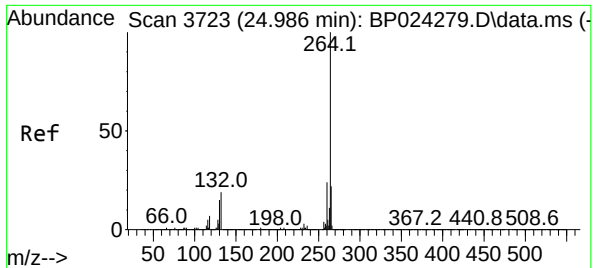
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.1 9.4 14.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024532.D

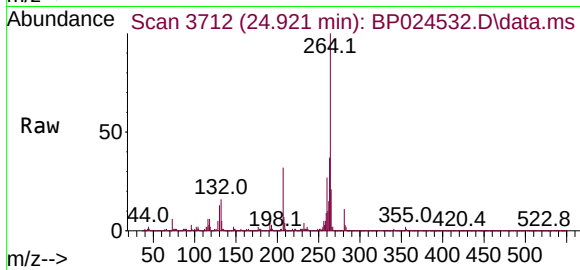
Acq: 05 May 2025 19:28

Instrument :

BNA_P

ClientSampleId :

WC-A1-03-C



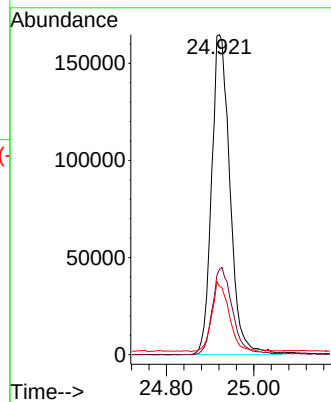
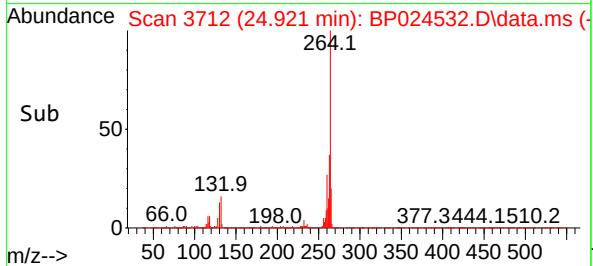
Tgt Ion:264 Resp: 480285

Ion Ratio Lower Upper

264 100

260 26.6 18.9 28.3

265 21.4 17.8 26.6



Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-11	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BP024533.D	1	05/02/25 11:10	05/05/25 20:09	PB167847

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	125		15 (10) - 110 (139)	83%	SPK: 150
13127-88-3	Phenol-d6	101		15 (10) - 110 (134)	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.1		30 (49) - 130 (133)	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		30 (52) - 130 (132)	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	179	*	15 (44) - 110 (137)	119%	SPK: 150
1718-51-0	Terphenyl-d14	97.9		30 (48) - 130 (125)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	145000	7.71			
1146-65-2	Naphthalene-d8	562000	10.481			
15067-26-2	Acenaphthene-d10	360000	14.345			
1517-22-2	Phenanthrene-d10	778000	17.139			
1719-03-5	Chrysene-d12	946000	21.592			
1520-96-3	Perylene-d12	911000	24.921			

Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-11	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BP024533.D	1	05/02/25 11:10	05/05/25 20:09	PB167847

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_P\Data\BP050525\
 Data File : BP024533.D
 Acq On : 05 May 2025 20:09
 Operator : RC/JU
 Sample : Q1929-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A1-04-C

Quant Time: May 06 04:20:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

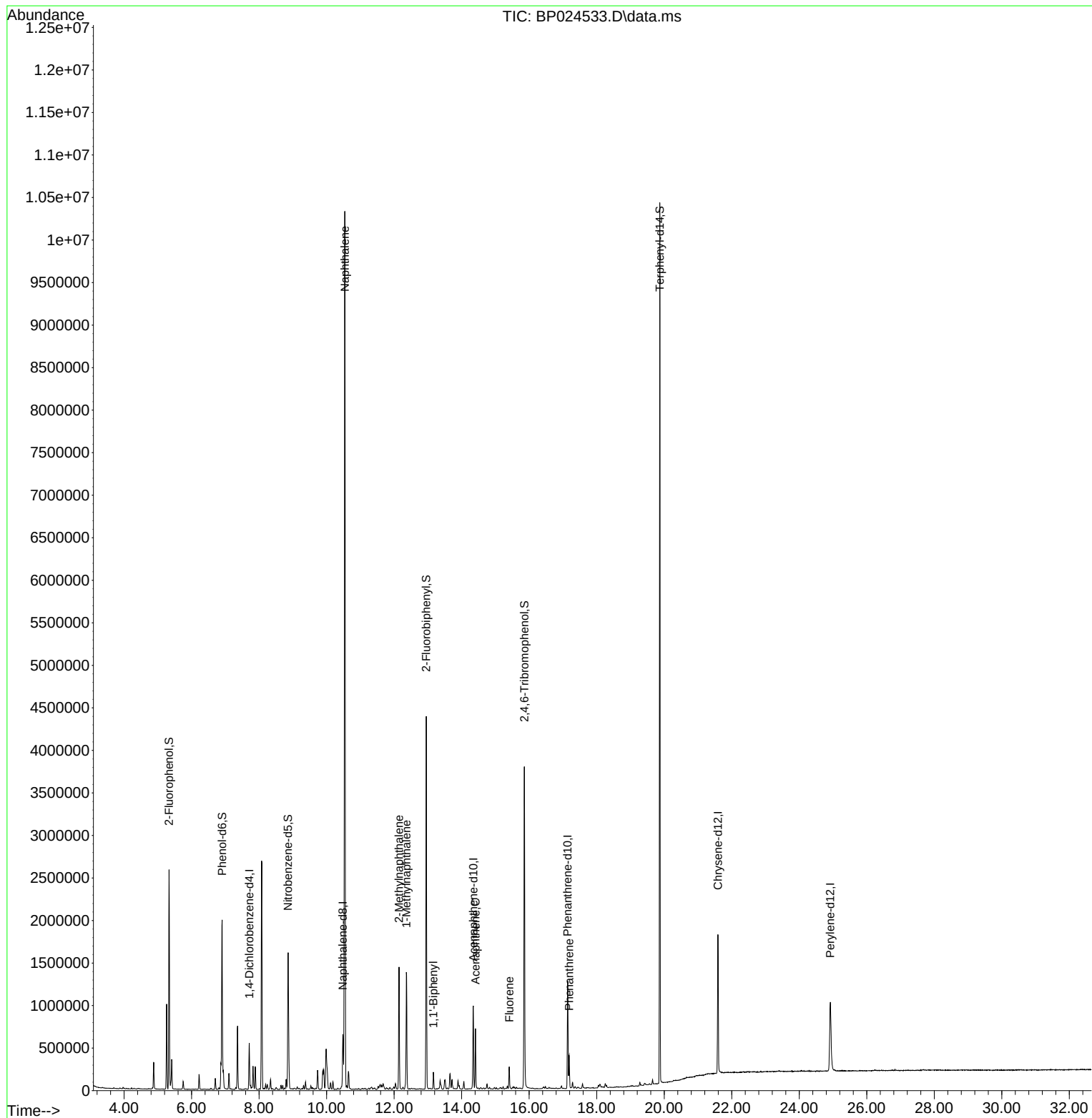
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	145173	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	561713	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	359614	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	778412	20.000	ng	0.00
76) Chrysene-d12	21.592	240	945876	20.000	ng	0.00
86) Perylene-d12	24.921	264	911497	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1097132	124.958	ng	-0.01
7) Phenol-d6	6.905	99	1212717	100.873	ng	0.00
23) Nitrobenzene-d5	8.857	82	927450	94.148	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	888895	178.656	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2074088	88.307	ng	-0.01
79) Terphenyl-d14	19.869	244	4595120	97.921	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.540	128	8379465	283.196	ng	98
37) 2-Methylnaphthalene	12.145	142	651991	31.773	ng	97
38) 1-Methylnaphthalene	12.363	142	651479	32.453	ng	99
46) 1,1'-Biphenyl	13.163	154	94300	3.567	ng	98
52) Acenaphthene	14.410	154	236171	11.977	ng	99
58) Fluorene	15.410	166	115578	4.632	ng	100
71) Phenanthrene	17.186	178	239201	5.633	ng	99

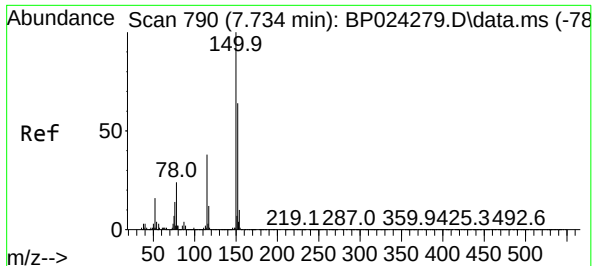
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024533.D
Acq On : 05 May 2025 20:09
Operator : RC/JU
Sample : Q1929-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

Quant Time: May 06 04:20:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

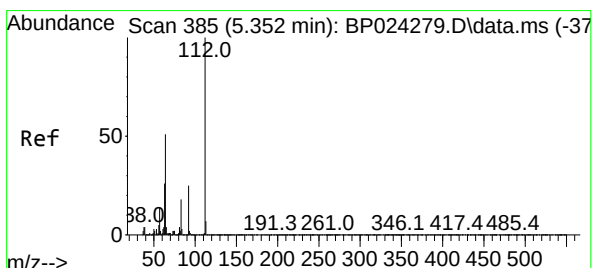
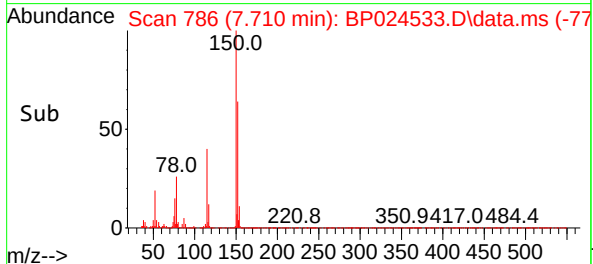
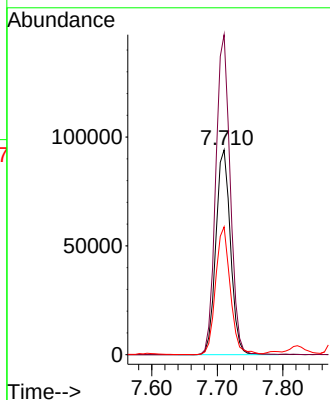
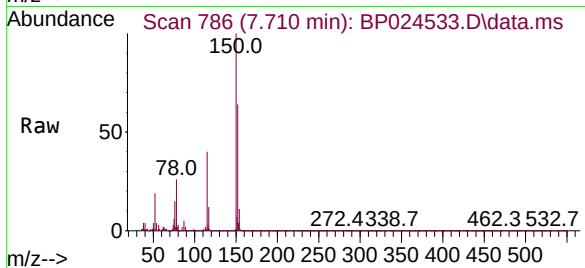




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

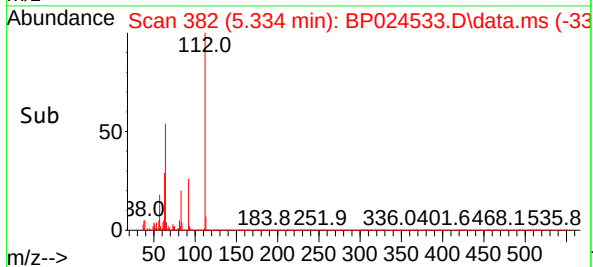
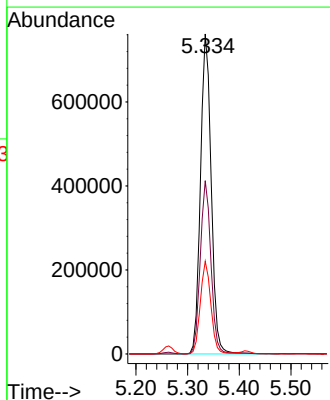
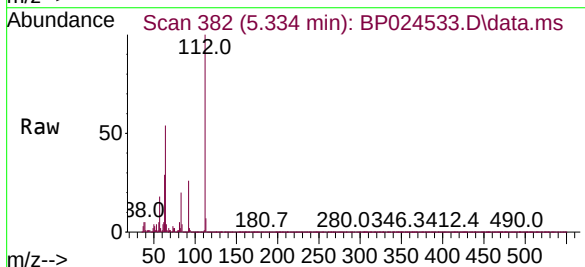
Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

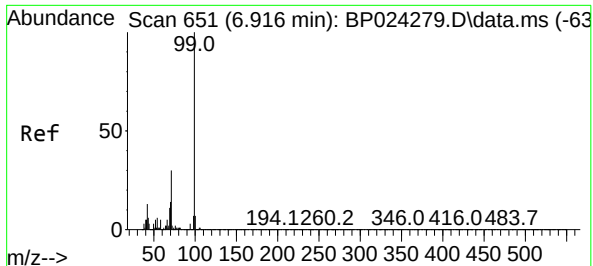
Tgt Ion:152 Resp: 145173
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 62.4 47.7 71.5



#5
2-Fluorophenol
Concen: 124.958 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:112 Resp: 1097132
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 28.9 20.6 30.8





#7

Phenol-d6

Concen: 100.873 ng

RT: 6.905 min Scan# 64

Delta R.T. -0.006 min

Lab File: BP024533.D

Acq: 05 May 2025 20:09

Instrument :

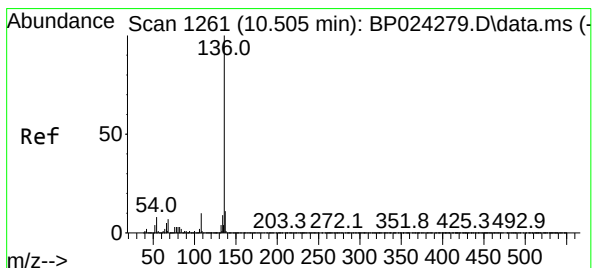
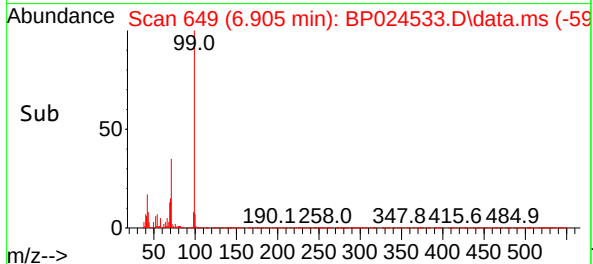
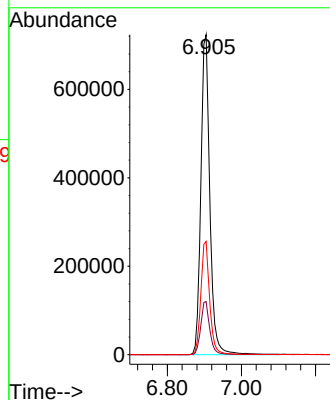
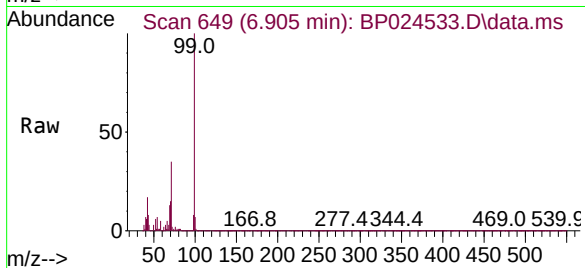
BNA_P

ClientSampleId :

WC-A1-04-C

Tgt Ion: 99 Resp: 1212717

Ion	Ratio	Lower	Upper
99	100		
42	16.6	10.6	16.0#
71	35.4	23.7	35.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.481 min Scan# 1257

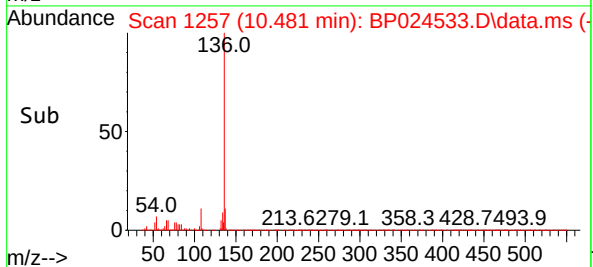
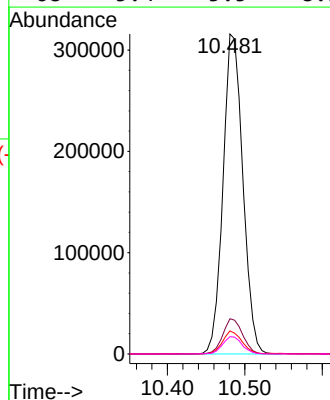
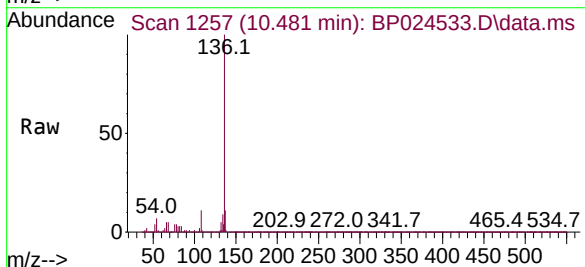
Delta R.T. -0.018 min

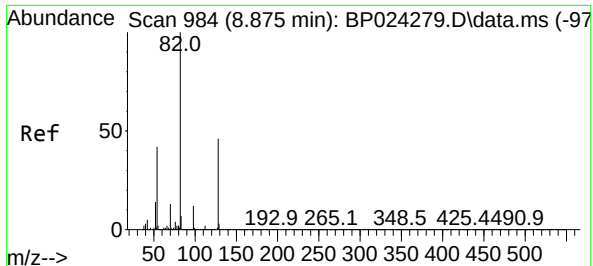
Lab File: BP024533.D

Acq: 05 May 2025 20:09

Tgt Ion: 136 Resp: 561713

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.2	6.0	9.0
68	5.4	5.5	8.3#

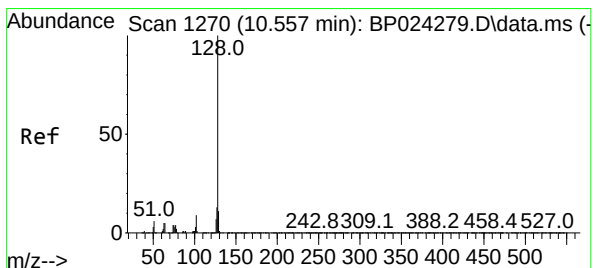
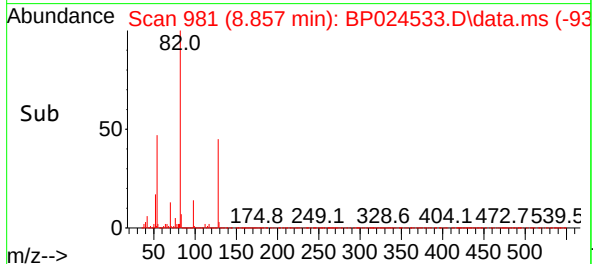
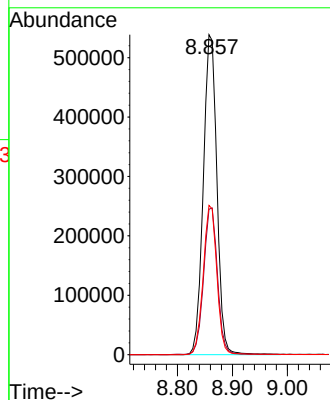
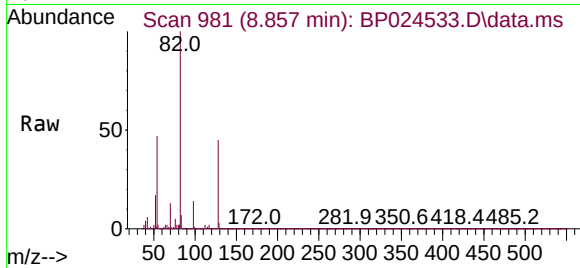




#23
Nitrobenzene-d5
Concen: 94.148 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

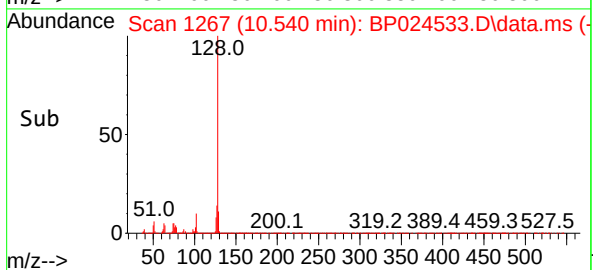
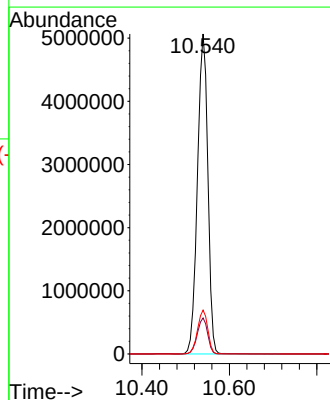
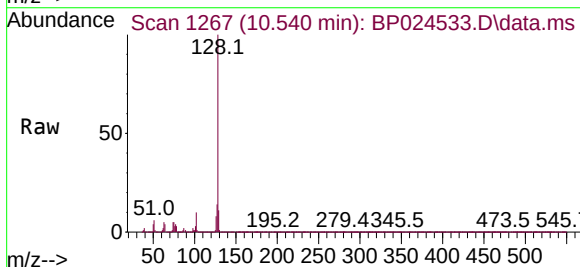
Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

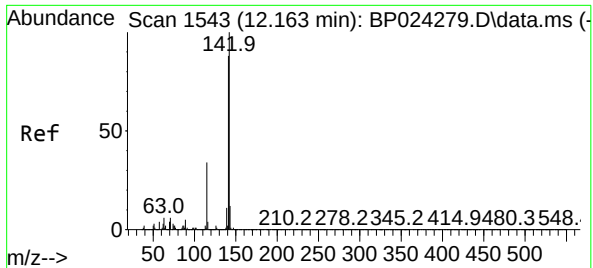
Tgt Ion: 82 Resp: 927450
Ion Ratio Lower Upper
82 100
128 45.5 36.5 54.7
54 46.7 33.4 50.2



#31
Naphthalene
Concen: 283.196 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion: 128 Resp: 8379465
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.7 10.3 15.5

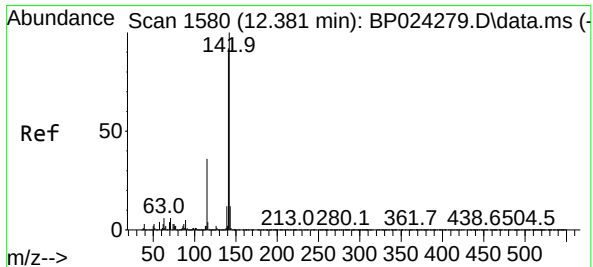
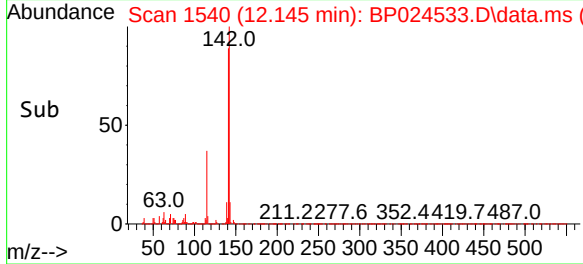
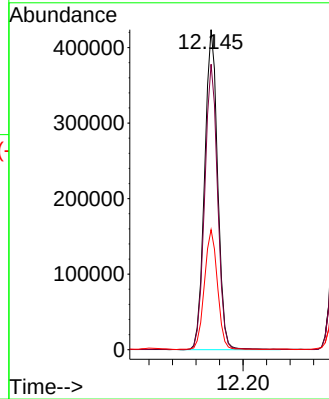
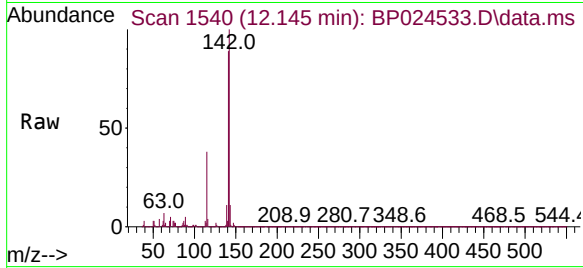




#37
2-Methylnaphthalene
Concen: 31.773 ng
RT: 12.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

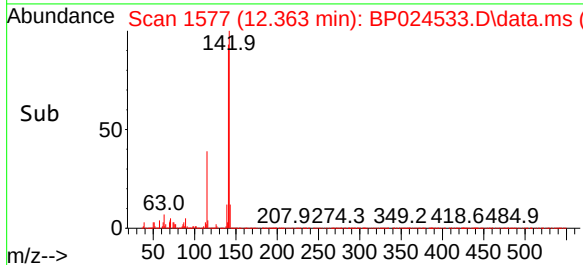
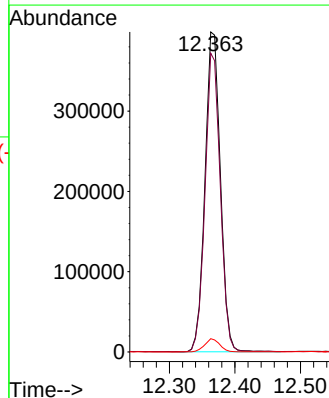
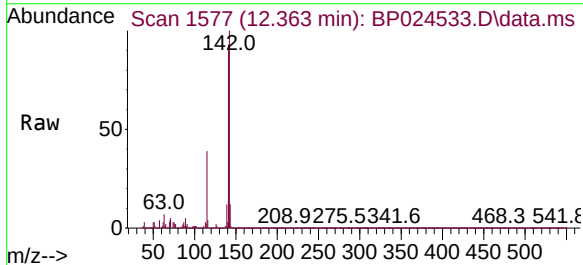
Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

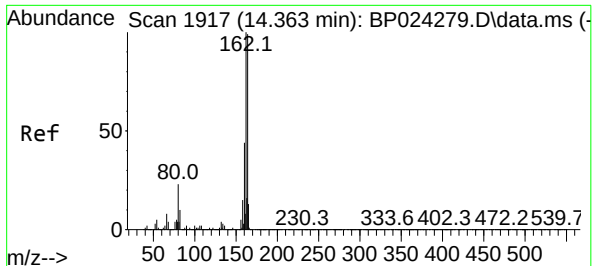
Tgt Ion:142 Resp: 651991
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 37.5 26.9 40.3



#38
1-Methylnaphthalene
Concen: 32.453 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:142 Resp: 651479
Ion Ratio Lower Upper
142 100
141 93.3 73.6 110.4
116 4.2 3.0 4.6

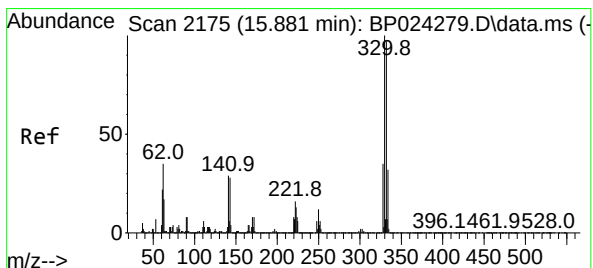
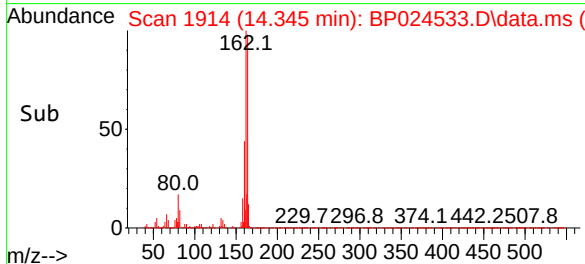
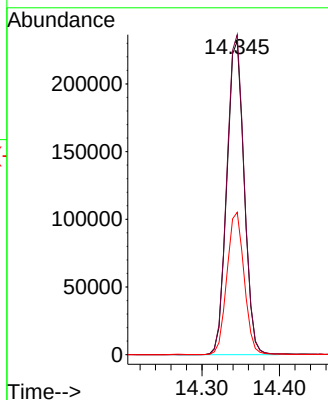
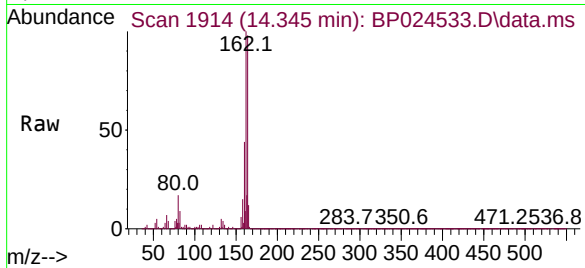




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

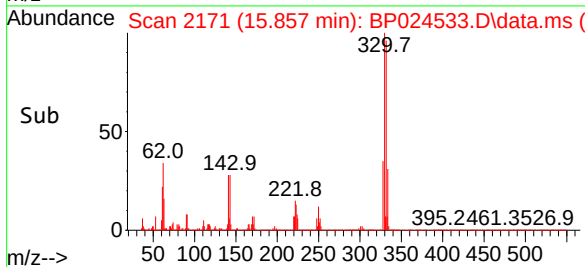
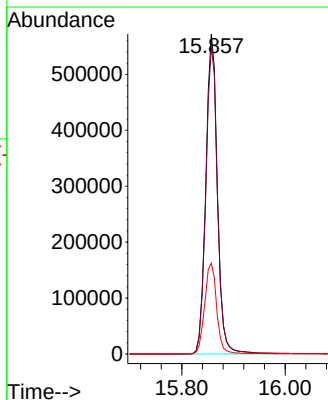
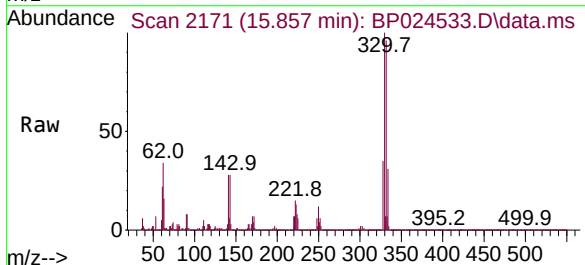
Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

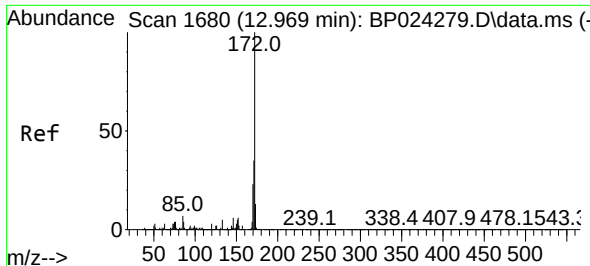
Tgt Ion:164 Resp: 359614
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 178.656 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:330 Resp: 888895
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 29.5 24.7 37.1

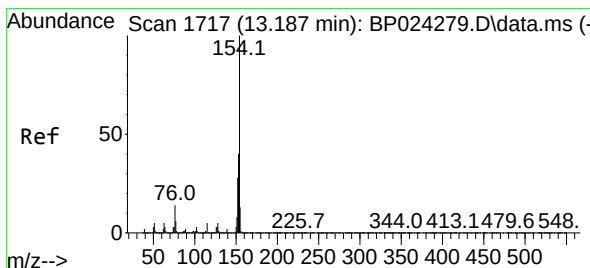
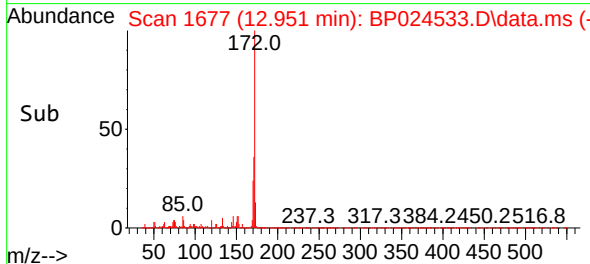
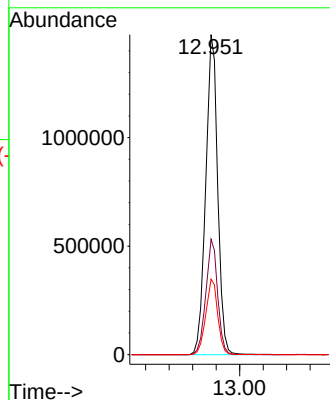
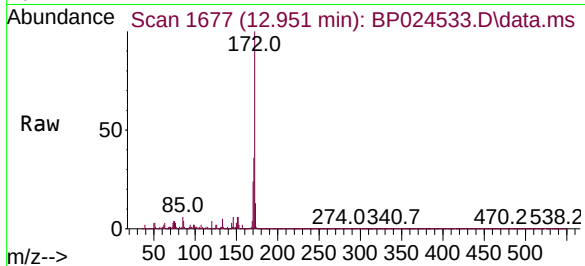




#45
2-Fluorobiphenyl
Concen: 88.307 ng
RT: 12.951 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

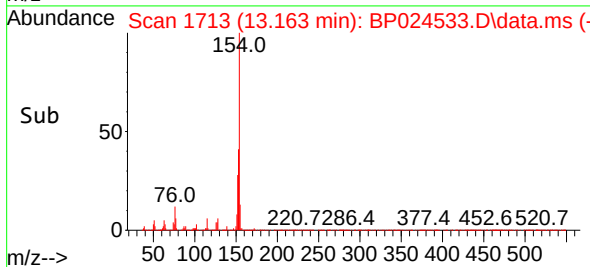
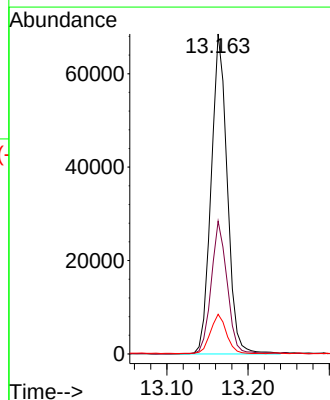
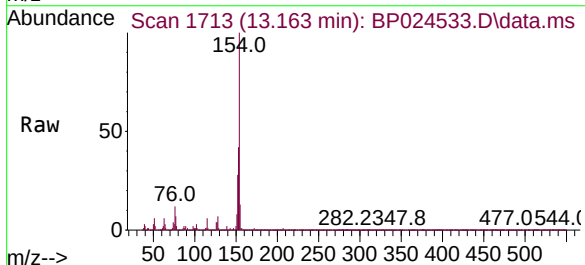
Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

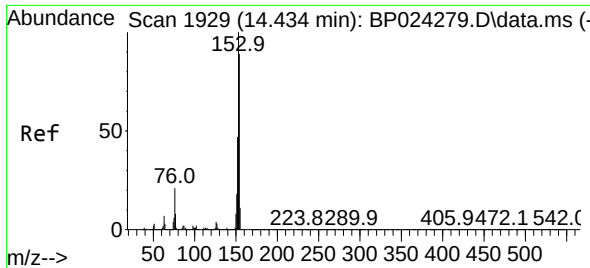
Tgt Ion:172 Resp: 2074088
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 3.567 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:154 Resp: 94300
Ion Ratio Lower Upper
154 100
153 41.5 20.3 60.3
76 12.4 0.0 33.5

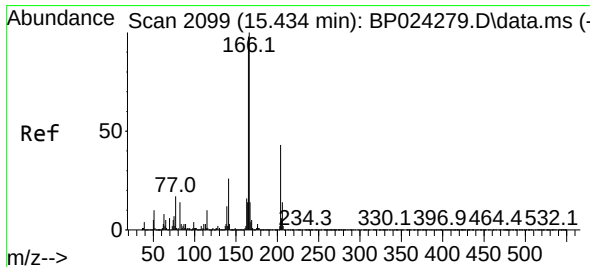
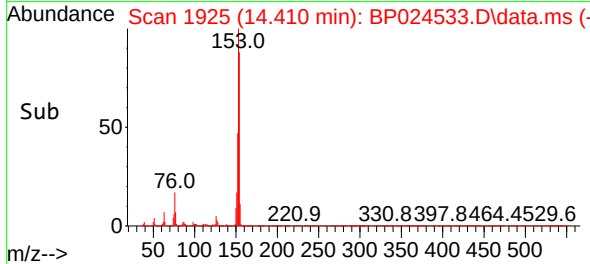
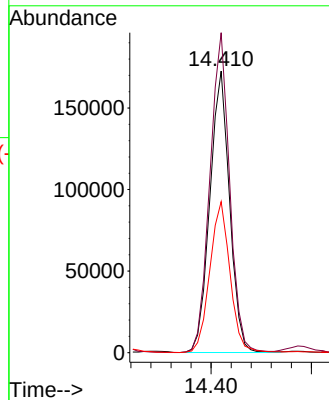
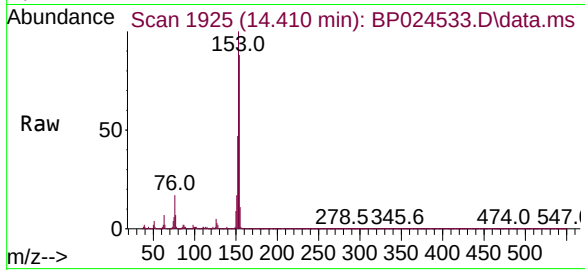




#52
Acenaphthene
Concen: 11.977 ng
RT: 14.410 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

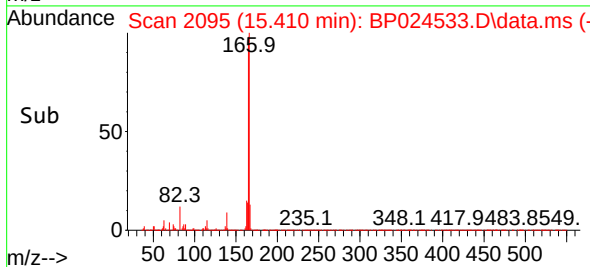
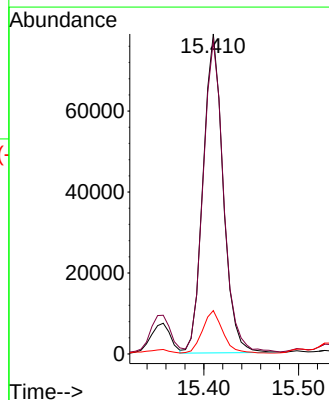
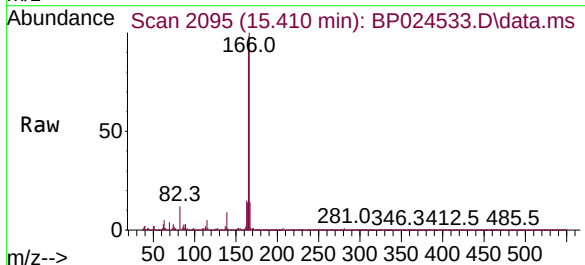
Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

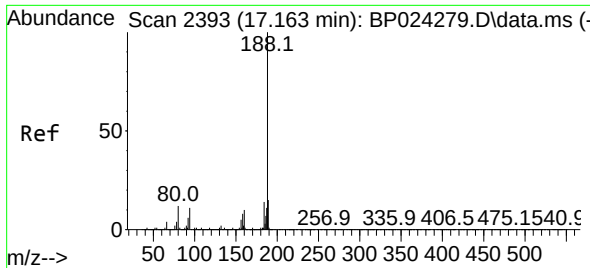
Tgt Ion:154 Resp: 236171
Ion Ratio Lower Upper
154 100
153 113.6 89.8 134.6
152 53.6 42.6 63.8



#58
Fluorene
Concen: 4.632 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:166 Resp: 115578
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 13.6 10.9 16.3

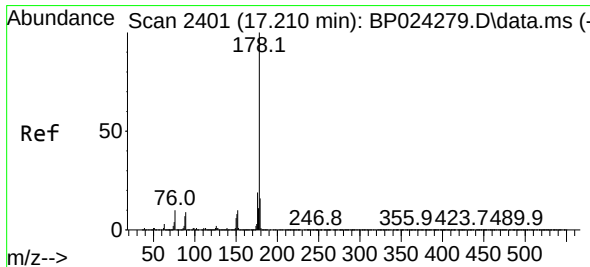
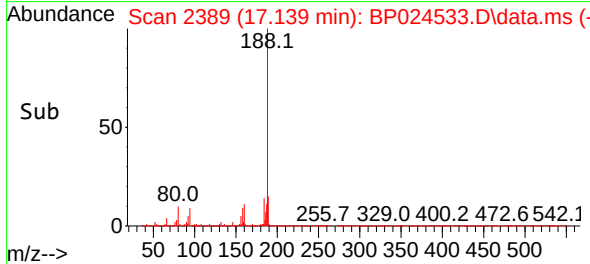
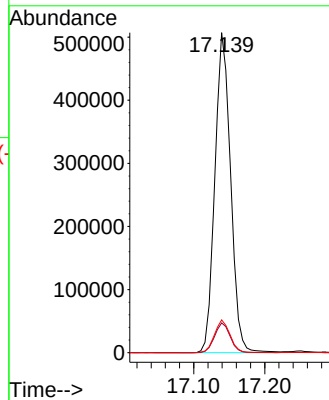
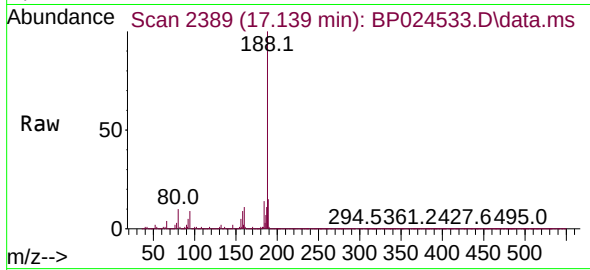




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

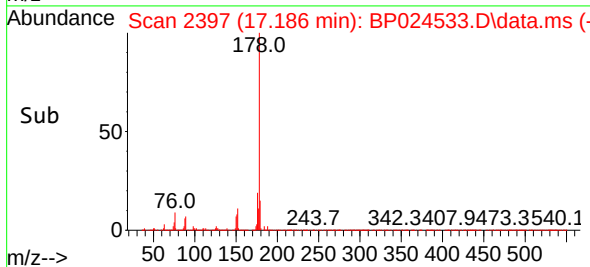
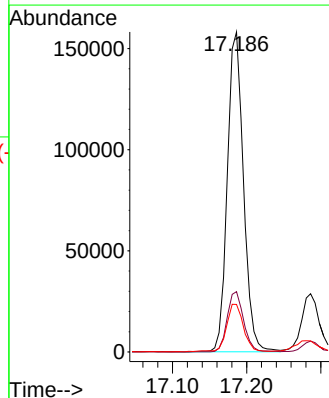
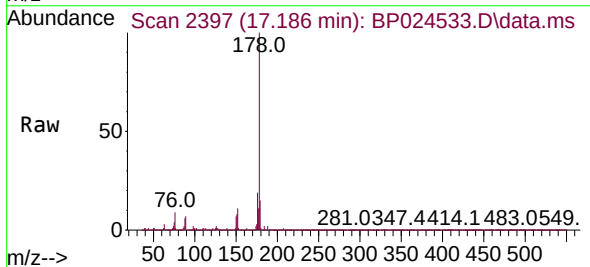
Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

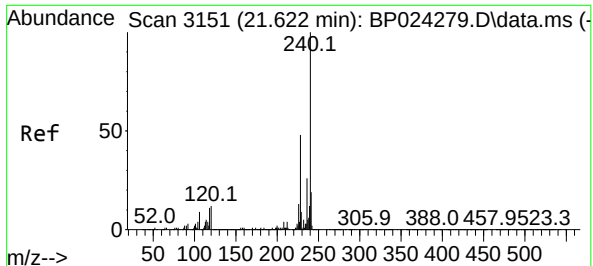
Tgt Ion:188 Resp: 778412
Ion Ratio Lower Upper
188 100
94 9.3 8.6 13.0
80 10.2 9.8 14.6



#71
Phenanthrene
Concen: 5.633 ng
RT: 17.186 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion:178 Resp: 239201
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 14.8 12.5 18.7

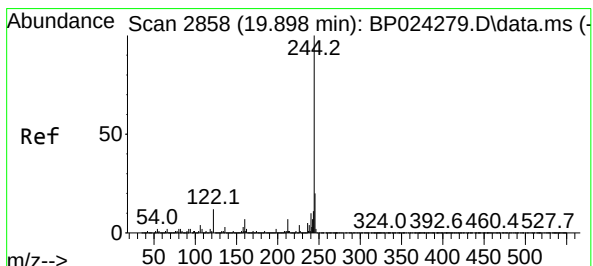
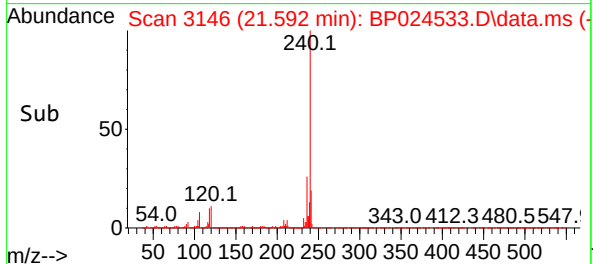
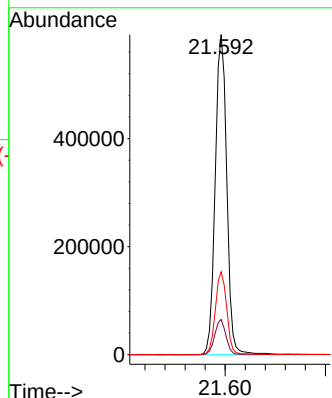
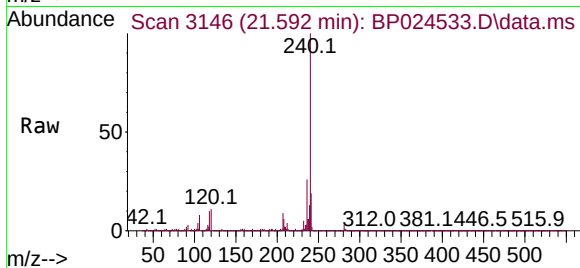




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

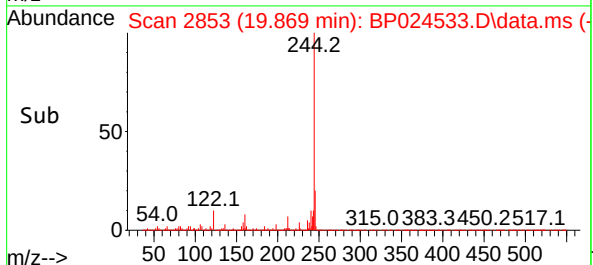
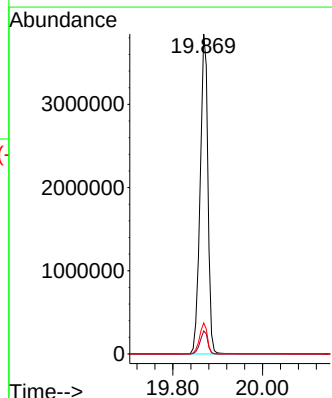
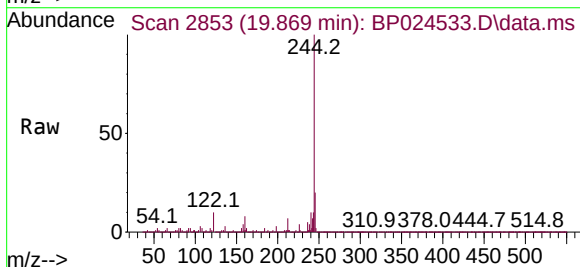
Instrument :
BNA_P
ClientSampleId :
WC-A1-04-C

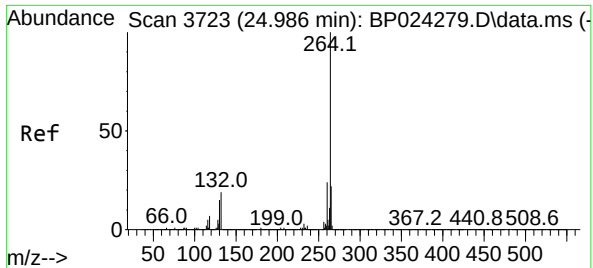
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.8	14.8
236	25.9	20.9	31.3



#79
Terphenyl-d14
Concen: 97.921 ng
RT: 19.869 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BP024533.D
Acq: 05 May 2025 20:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	9.7	9.4	14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP024533.D

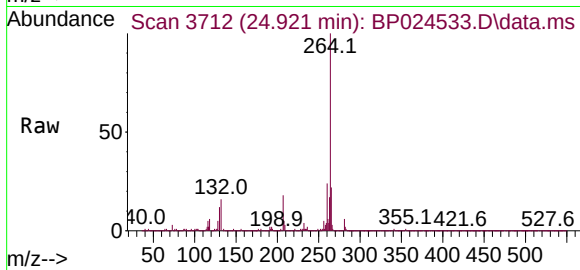
Acq: 05 May 2025 20:09

Instrument :

BNA_P

ClientSampleId :

WC-A1-04-C



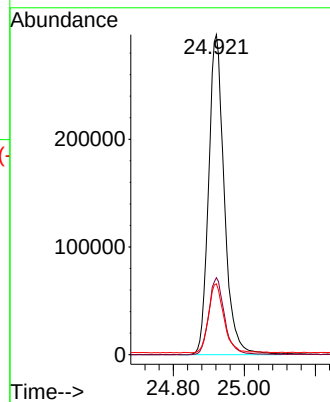
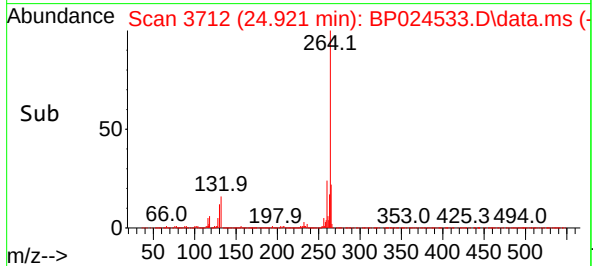
Tgt Ion:264 Resp: 911497

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 22.2 17.8 26.6





CALIBRATION SUMMARY



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.: Q1929 SAS No.: Q1929 SDG No.: Q1929
 Instrument ID: BNA_F Calibration Date(s): 04/30/2025 04/30/2025
 Calibration Time(s): 11:24 14:43

LAB FILE ID:		RRF2.5 = BF142239.D		RRF005 = BF142240.D		RRF010 = BF142241.D		
		RRF020 = BF142242.D		RRF040 = BF142243.D		RRF050 = BF142244.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.465	1.391	1.454	1.522	1.503	1.454	3.6
2-Fluorophenol		1.324	1.238	1.265	1.314	1.285	1.252	5.3
Phenol-d6		1.559	1.505	1.534	1.593	1.550	1.512	4.9
1,4-Dichlorobenzene		1.610	1.486	1.495	1.546	1.488	1.475	6.9
2-Methylphenol		1.085	1.029	1.068	1.121	1.084	1.060	4.2
3+4-Methylphenols		1.357	1.323	1.372	1.400	1.366	1.326	5.9
Nitrobenzene-d5		0.217	0.251	0.302	0.340	0.351	0.304	16.9
Hexachloroethane		0.468	0.466	0.481	0.511	0.514	0.483	4.8
Nitrobenzene		0.229	0.261	0.297	0.328	0.338	0.299	13.3
Hexachlorobutadiene		0.180	0.175	0.179	0.185	0.178	0.175	4.3
2,4,6-Trichlorophenol		0.275	0.329	0.353	0.370	0.375	0.349	10.5
2-Fluorobiphenyl		1.738	1.580	1.520	1.409	1.347	1.418	15.1
2,4,5-Trichlorophenol		0.322	0.330	0.362	0.404	0.411	0.367	9.2
2,4-Dinitrotoluene		0.104	0.145	0.213	0.285	0.311	0.239	36.0
2,4,6-Tribromophenol		0.139	0.158	0.184	0.204	0.205	0.182	13.7
Hexachlorobenzene		0.256	0.245	0.248	0.261	0.255	0.249	3.3
Pentachlorophenol			0.093	0.121	0.144	0.145	0.132	16.2
Terphenyl-d14		1.472	1.413	1.422	1.481	1.392	1.375	8.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF043025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Apr 30 16:00:01 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF142239.D 5 =BF142240.D 10 =BF142241.D 20 =BF142242.D 40 =BF142243.D 50 =BF142244.D 60 =BF142245.D 80 =BF142246.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.563	0.534	0.561	0.592	0.580	0.555	0.530	0.559		4.03
3)	Pyridine	1.465	1.391	1.454	1.522	1.503	1.460	1.380	1.454		3.62
4)	n-Nitrosodimet...	0.747	0.699	0.728	0.807	0.789	0.766	0.731	0.752		4.95
5) S	2-Fluorophenol	1.324	1.238	1.265	1.314	1.285	1.210	1.131	1.252		5.35
6)	Aniline	2.212	2.085	2.157	2.245	2.203	2.101	1.981	2.140		4.29
7) S	Phenol-d6	1.559	1.505	1.534	1.593	1.550	1.475	1.370	1.512		4.85
8)	2-Chlorophenol	1.252	1.232	1.304	1.379	1.354	1.313	1.225	1.294		4.64
9)	Benzaldehyde	1.154	1.088	1.095	1.117	1.078	0.993	0.875	1.057		8.91
10) C	Phenol	1.679	1.588	1.657	1.715	1.687	1.603	1.468	1.628		5.15
11)	bis(2-Chloroet...	1.345	1.250	1.270	1.318	1.285	1.231	1.132	1.262		5.46
12)	1,3-Dichlorobe...	1.571	1.485	1.485	1.533	1.478	1.396	1.299	1.464		6.18
13) C	1,4-Dichlorobe...	1.610	1.486	1.495	1.546	1.488	1.404	1.295	1.475		6.86
14)	1,2-Dichlorobe...	1.489	1.418	1.431	1.475	1.432	1.356	1.255	1.408		5.67
15)	Benzyl Alcohol	1.047	1.017	1.064	1.149	1.126	1.082	1.023	1.073		4.69
16)	2,2'-oxybis(1-...	2.368	2.287	2.303	2.386	2.344	2.216	2.043	2.278		5.19
17)	2-Methylphenol	1.085	1.029	1.068	1.121	1.084	1.050	0.983	1.060		4.19
18)	Hexachloroethane	0.468	0.466	0.481	0.511	0.514	0.489	0.451	0.483		4.84
19) P	n-Nitroso-di-n...	0.953	0.987	0.937	0.949	0.967	0.939	0.898	0.844	0.934	4.77
20)	3+4-Methylphenols	1.357	1.323	1.372	1.400	1.366	1.296	1.166	1.326		5.90
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.511	0.482	0.483	0.468	0.461	0.430	0.404	0.463		7.70
23) S	Nitrobenzene-d5	0.217	0.251	0.302	0.340	0.351	0.339	0.330	0.304		16.88
24)	Nitrobenzene	0.229	0.261	0.297	0.328	0.338	0.323	0.314	0.299		13.31
25)	Isophorone	0.660	0.630	0.642	0.660	0.654	0.626	0.601	0.639		3.36
26) C	2-Nitrophenol	0.048	0.057	0.083	0.115	0.132	0.136	0.142	0.102		38.38#
27)	2,4-Dimethylph...	0.315	0.319	0.333	0.337	0.333	0.315	0.302	0.322		3.96
28)	bis(2-Chloroet...	0.425	0.404	0.414	0.415	0.410	0.386	0.366	0.403		4.98
29) C	2,4-Dichloroph...	0.246	0.253	0.274	0.291	0.286	0.272	0.263	0.269		6.12
30)	1,2,4-Trichlor...	0.320	0.303	0.305	0.312	0.304	0.287	0.273	0.301		5.28
31)	Naphthalene	1.106	1.040	1.035	1.020	0.999	0.924	0.858	0.997		8.21
32)	Benzoic acid		0.048	0.087	0.130	0.146	0.159	0.179	0.125		39.24
33)	4-Chloroaniline	0.446	0.414	0.429	0.429	0.423	0.396	0.371	0.415		5.98
34) C	Hexachlorobuta...	0.180	0.175	0.179	0.185	0.178	0.170	0.161	0.175		4.35
35)	Caprolactam	0.068	0.073	0.081	0.087	0.089	0.085	0.083	0.081		9.45
36) C	4-Chloro-3-met...	0.262	0.265	0.279	0.295	0.293	0.276	0.266	0.277		4.84
37)	2-Methylnaphth...	0.679	0.637	0.633	0.623	0.612	0.574	0.534	0.613		7.69
38)	1-Methylnaphth...	0.700	0.655	0.667	0.652	0.641	0.590	0.542	0.635		8.29

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF043025.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.621	0.575	0.572	0.576	0.566	0.534	0.496	0.563	6.88
41) P	Hexachlorocycl...	0.244	0.265	0.306	0.352	0.368	0.358	0.343	0.319	15.23
42) S	2,4,6-Tribromo...	0.139	0.158	0.184	0.204	0.205	0.197	0.190	0.182	13.73
43) C	2,4,6-Trichlor...	0.275	0.329	0.353	0.370	0.375	0.381	0.357	0.349	10.50
44)	2,4,5-Trichlor...	0.322	0.330	0.362	0.404	0.411	0.371	0.365	0.367	9.17
45) S	2-Fluorobiphenyl	1.738	1.580	1.520	1.409	1.347	1.221	1.114	1.418	15.11
46)	1,1'-Biphenyl	1.773	1.621	1.612	1.581	1.547	1.435	1.316	1.555	9.38
47)	2-Chloronaphth...	1.289	1.176	1.191	1.185	1.157	1.085	1.014	1.157	7.51
48)	2-Nitroaniline	0.119	0.156	0.228	0.295	0.316	0.315	0.316	0.249	33.25
49)	Acenaphthylene	2.149	2.025	2.025	1.997	1.965	1.828	1.675	1.952	7.93
50)	Dimethylphthalate	1.362	1.284	1.301	1.321	1.309	1.227	1.152	1.280	5.42
51)	2,6-Dinitrotol...	0.098	0.137	0.193	0.241	0.259	0.254	0.249	0.204	31.45
52) C	Acenaphthene	1.271	1.175	1.156	1.172	1.138	1.072	0.995	1.140	7.63
53)	3-Nitroaniline	0.143	0.187	0.252	0.298	0.311	0.310	0.299	0.257	26.09
54) P	2,4-Dinitrophenol		0.025	0.036	0.057	0.069	0.076	0.085	0.058	40.36
55)	Dibenzofuran	1.930	1.775	1.751	1.743	1.713	1.581	1.466	1.709	8.67
56) P	4-Nitrophenol		0.131	0.177	0.216	0.233	0.230	0.220	0.201	19.82
57)	2,4-Dinitrotol...	0.104	0.145	0.213	0.285	0.311	0.309	0.306	0.239	35.96
58)	Fluorene	1.493	1.403	1.351	1.317	1.273	1.186	1.071	1.299	10.74
59)	2,3,4,6-Tetrac...	0.252	0.267	0.312	0.334	0.334	0.323	0.305	0.304	10.65
60)	Diethylphthalate	1.324	1.264	1.302	1.313	1.300	1.215	1.126	1.263	5.61
61)	4-Chlorophenyl...	0.702	0.642	0.632	0.632	0.614	0.570	0.526	0.617	9.06
62)	4-Nitroaniline	0.144	0.177	0.233	0.272	0.287	0.281	0.269	0.238	23.57
63)	Azobenzene	1.346	1.260	1.275	1.279	1.278	1.198	1.098	1.248	6.33
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.022	0.034	0.055	0.065	0.071	0.075	0.054	39.23
66) c	n-Nitrosodiphe...	0.727	0.686	0.693	0.712	0.689	0.653	0.623	0.683	5.11
67)	4-Bromophenyl-...	0.224	0.219	0.223	0.236	0.225	0.220	0.211	0.223	3.39
68)	Hexachlorobenzene	0.256	0.245	0.248	0.261	0.255	0.244	0.237	0.249	3.28
69)	Atrazine	0.166	0.172	0.186	0.190	0.190	0.182	0.174	0.180	5.29
70) C	Pentachlorophenol		0.093	0.121	0.144	0.145	0.144	0.144	0.132	16.25
71)	Phenanthrene	1.218	1.114	1.119	1.112	1.064	0.995	0.940	1.080	8.45
72)	Anthracene	1.209	1.161	1.151	1.128	1.099	1.025	0.959	1.105	7.77
73)	Carbazole	1.125	1.047	1.061	1.033	0.996	0.935	0.857	1.008	8.77
74)	Di-n-butylphth...	0.986	1.006	1.088	1.069	1.045	0.988	0.912	1.013	5.88
75) C	Fluoranthene	1.221	1.144	1.155	1.085	1.035	0.957	0.878	1.068	11.24
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.702	0.748	0.885	0.963	0.945	0.895	0.810	0.850	11.67
78)	Pyrene	1.833	1.801	1.849	2.026	1.937	1.833	1.635	1.845	6.54
79) S	Terphenyl-d14	1.472	1.413	1.422	1.481	1.392	1.290	1.155	1.375	8.41
80)	Butylbenzylphth...	0.218	0.293	0.405	0.505	0.525	0.524	0.509	0.425	29.32
81)	Benzo(a)anthra...	1.379	1.320	1.332	1.438	1.388	1.316	1.225	1.343	5.06
82)	3,3'-Dichlorob...	0.286	0.317	0.380	0.442	0.450	0.451	0.435	0.394	17.37
83)	Chrysene	1.302	1.210	1.249	1.232	1.227	1.197	1.138	1.222	4.12
84)	Bis(2-ethylhex...	0.384	0.448	0.549	0.695	0.726	0.722	0.707	0.604	23.69
85) c	Di-n-octyl pht...		0.668	0.875	1.262	1.320	1.347	1.329	1.133	25.55

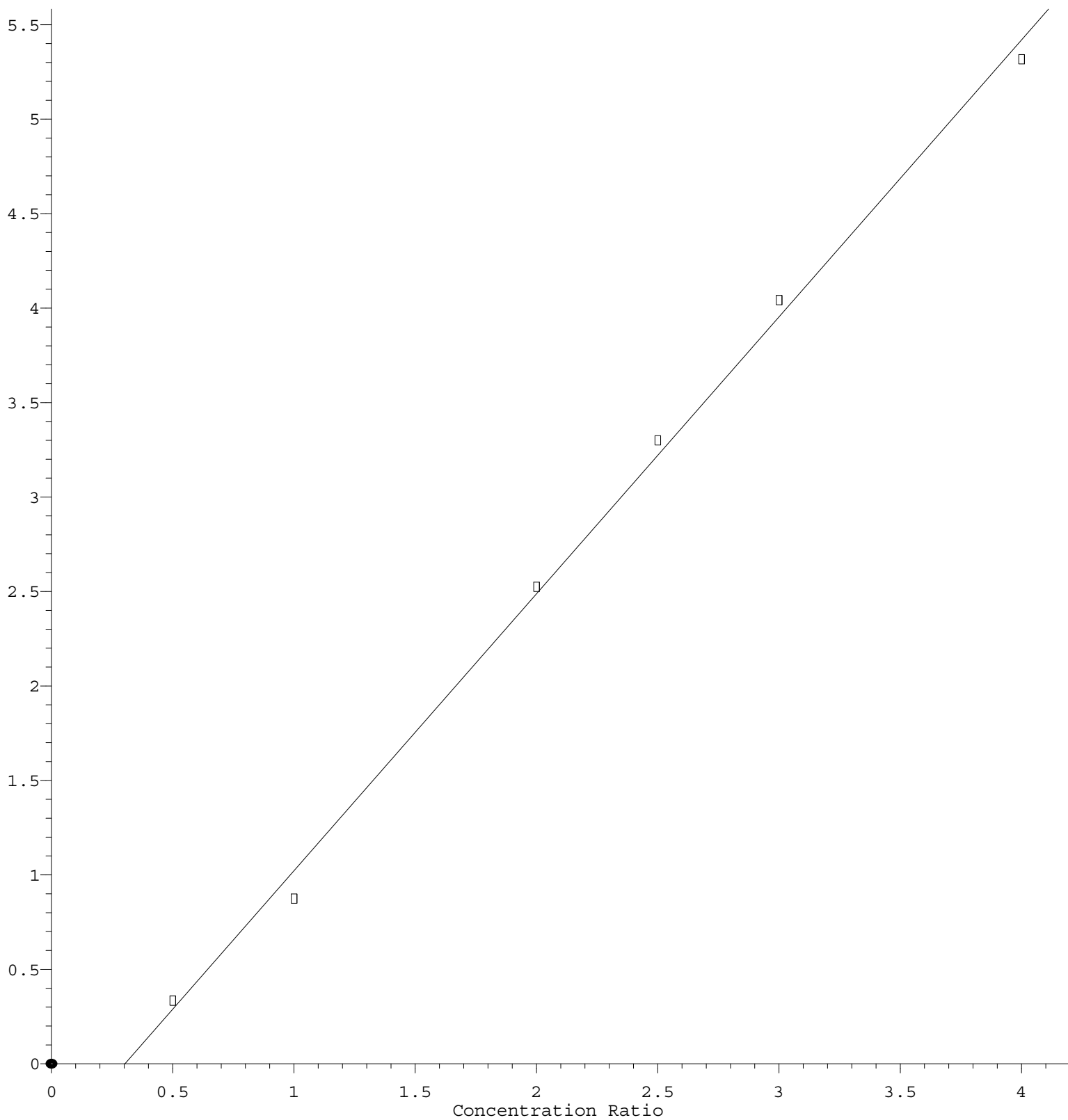
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

86) I	Perylene-d12	-----ISTD-----	
87)	Indeno(1,2,3-c...	1.323 1.384 1.466 1.613 1.556 1.490 1.422 1.465	6.78
88)	Benzo(b)fluora...	1.317 1.220 1.208 1.302 1.271 1.177 1.202 1.242	4.36
89)	Benzo(k)fluora...	1.211 1.159 1.222 1.145 1.146 1.110 0.962 1.136	7.59
90) C	Benzo(a)pyrene	1.121 1.098 1.146 1.203 1.180 1.137 1.076 1.137	3.91
91)	Dibenzo(a,h)an...	1.075 1.131 1.197 1.312 1.271 1.192 1.144 1.189	6.90
92)	Benzo(g,h,i)pe...	1.076 1.138 1.204 1.308 1.267 1.213 1.162 1.195	6.55

(#) = Out of Range

Di-n-octyl phthalate

Response Ratio



$$\text{Response} = 1.466\text{e}+000 * \text{Amt} - 4.448\text{e}-001$$

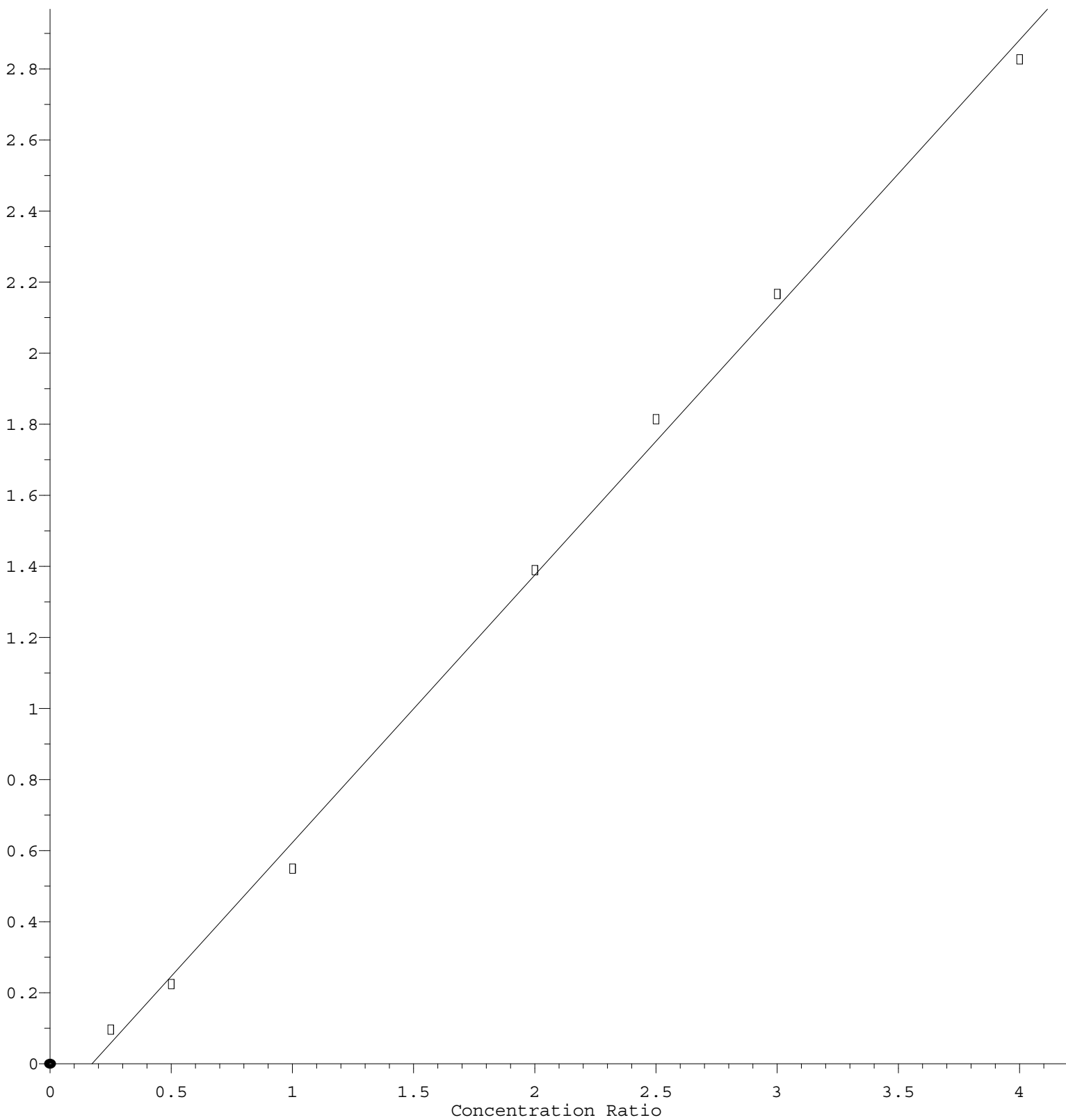
Coef of Det (r^2) = 0.997236 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

Bis(2-ethylhexyl)phthalate

Response Ratio



$$\text{Response} = 7.529\text{e-}001 * \text{Amt} - 1.300\text{e-}001$$

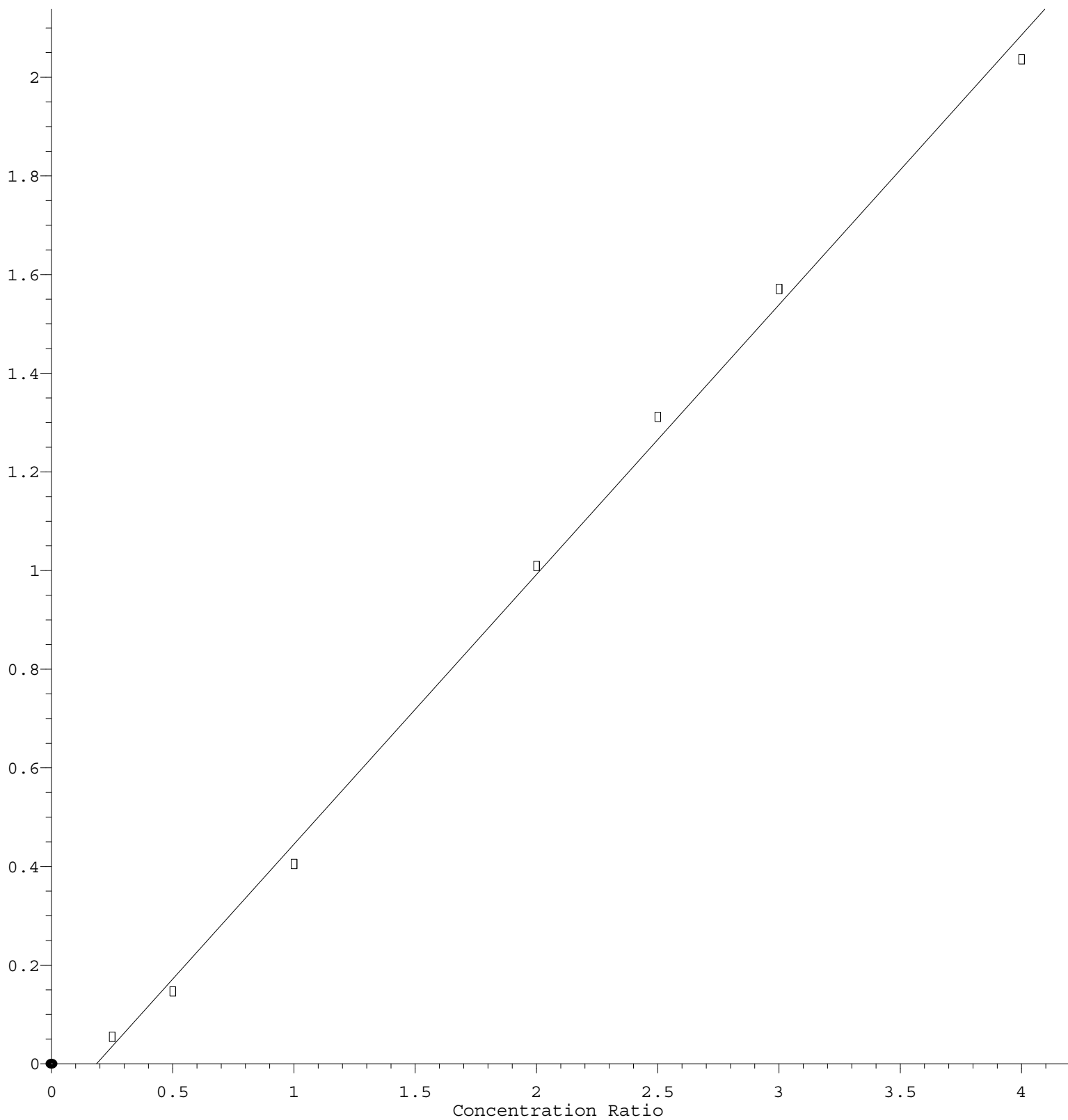
Coef of Det (r^2) = 0.997585 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

Butylbenzylphthalate

Response Ratio



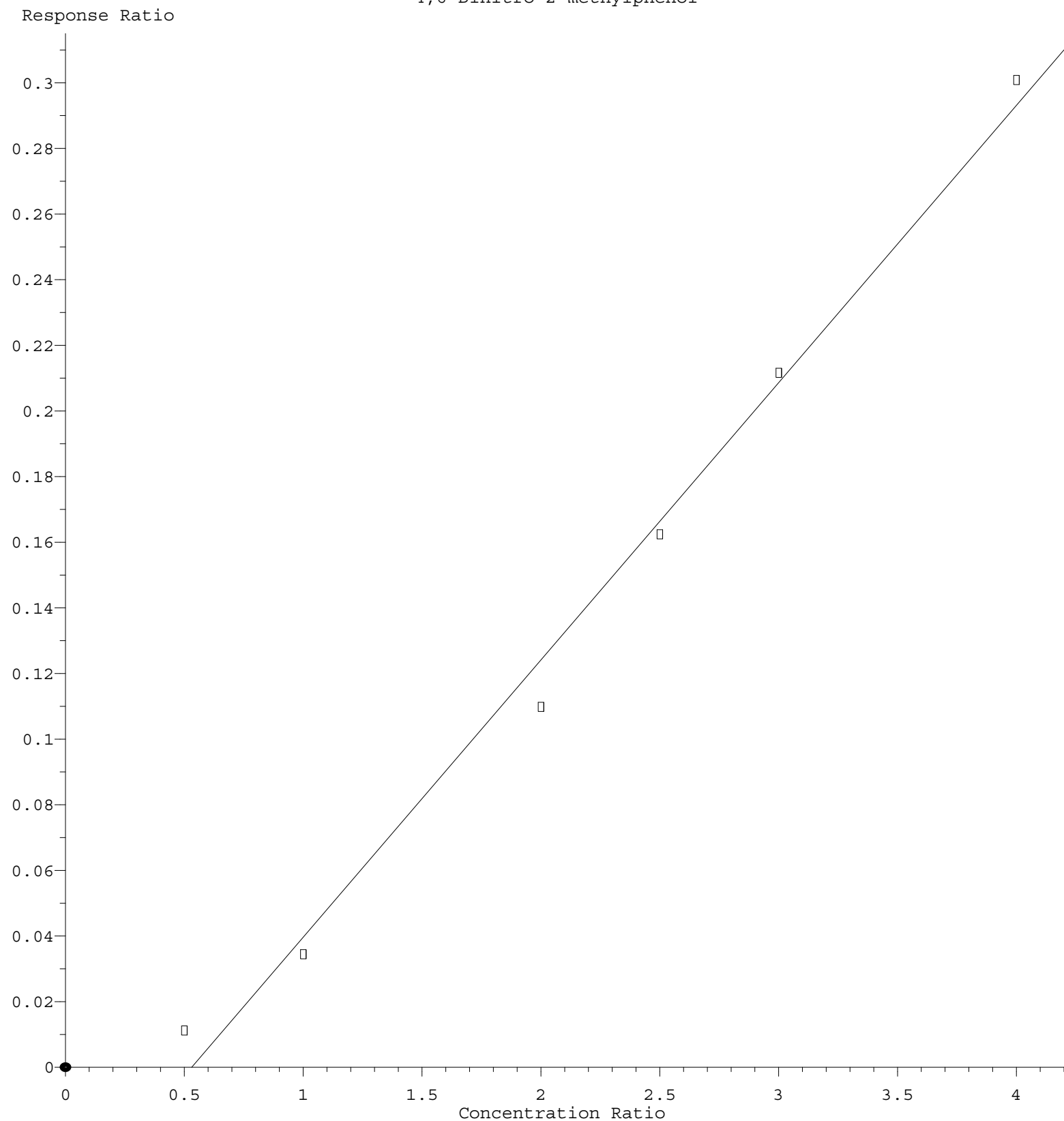
$$\text{Response} = 5.468\text{e-}001 * \text{Amt} - 1.016\text{e-}001$$

Coef of Det (r^2) = 0.997533 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

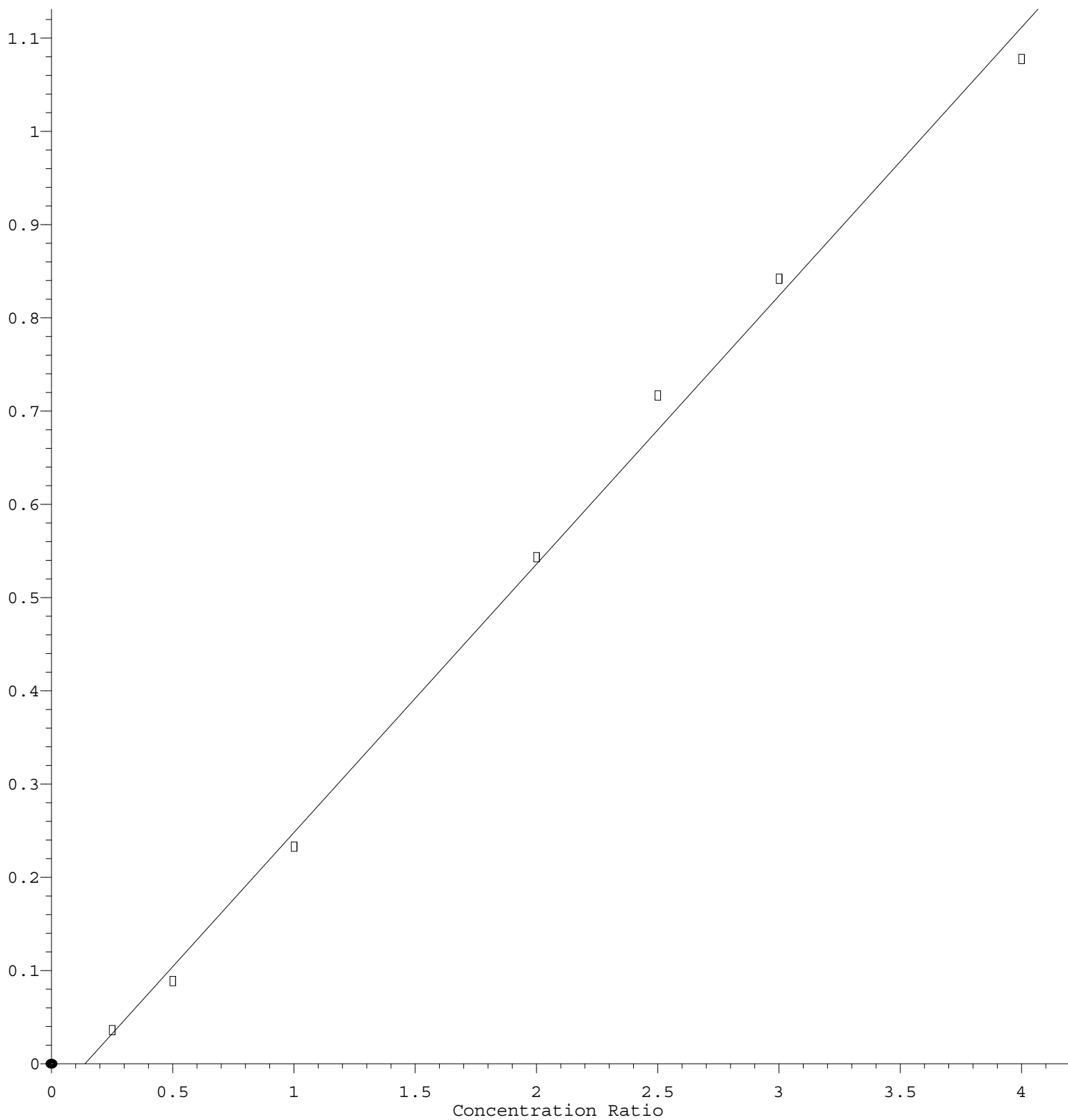
4,6-Dinitro-2-methylphenol



Response = $8.458 \times 10^{-2} \times \text{Amt} - 4.487 \times 10^{-2}$
 Coef of Det (r^2) = 0.991555 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
 Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

4-Nitroaniline

Response Ratio



$$\text{Response} = 2.879\text{e-}001 * \text{Amt} - 3.958\text{e-}002$$

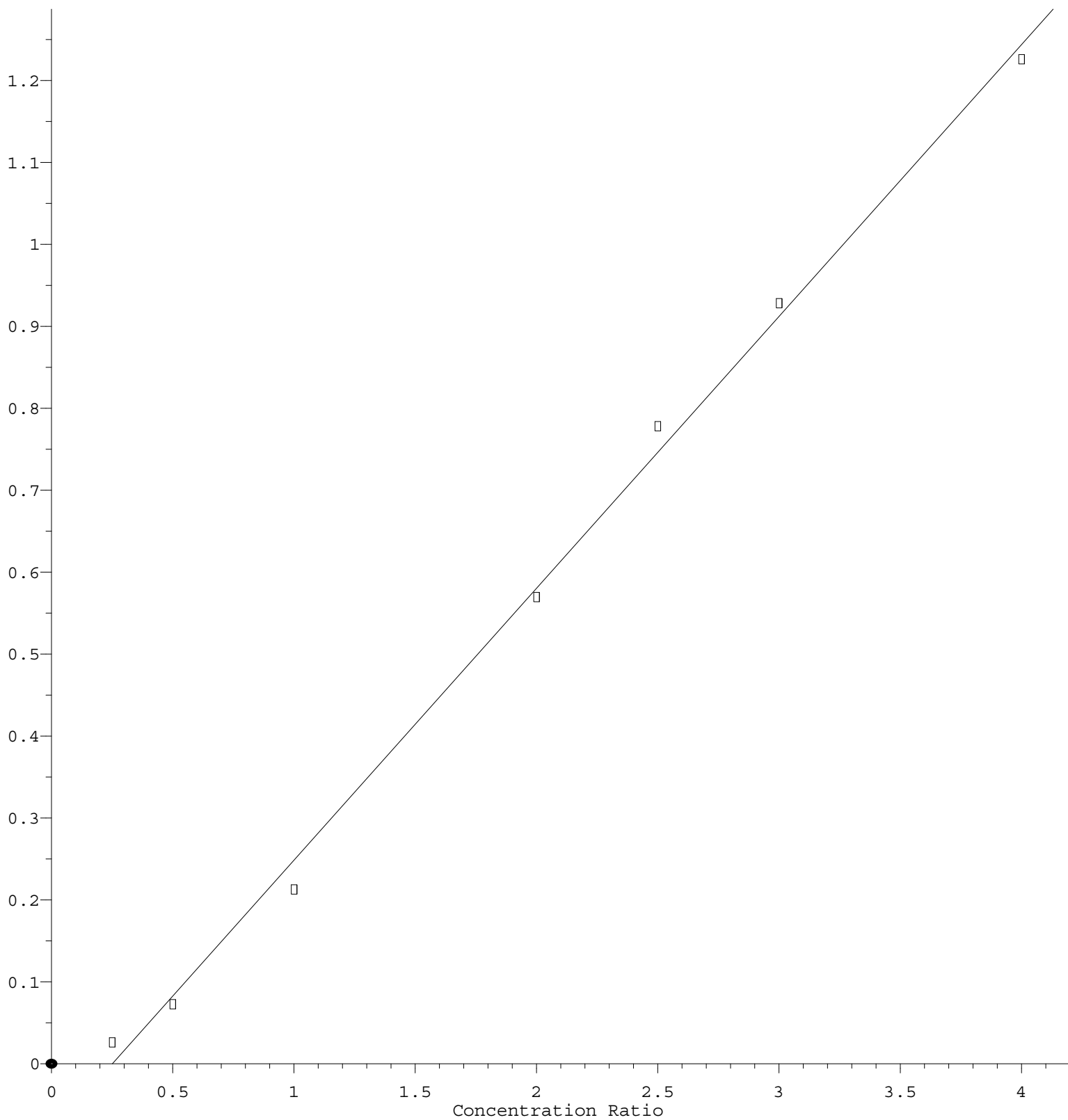
Coef of Det (r^2) = 0.996450 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

2,4-Dinitrotoluene

Response Ratio



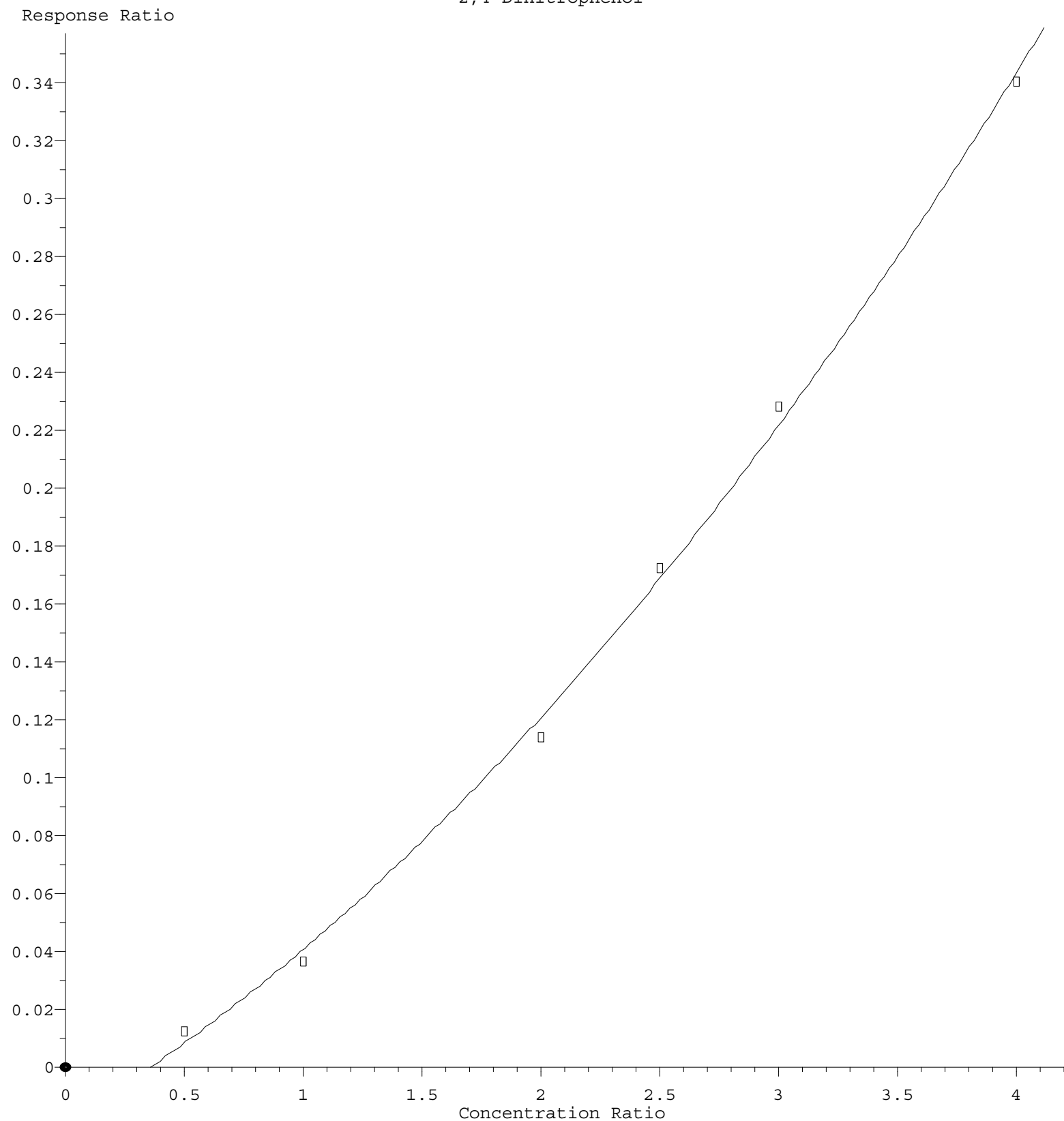
$$\text{Response} = 3.318\text{e-}001 * \text{Amt} - 8.340\text{e-}002$$

Coef of Det (r^2) = 0.997011 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

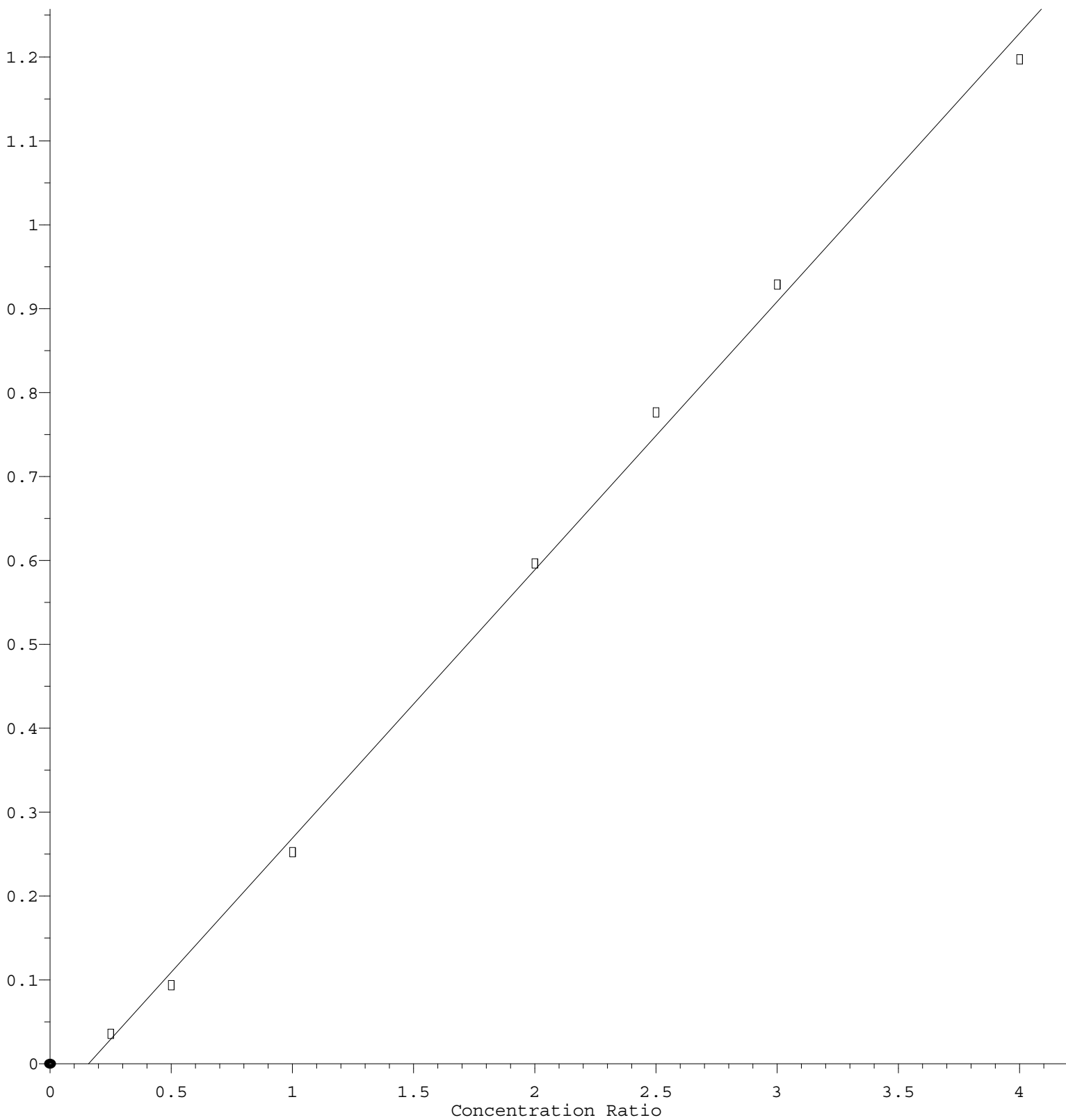
2,4-Dinitrophenol



$R = 1.037e-002 A^2 + 4.909e-002 A - 1.884e-002$
 Coef of Det (r^2) = 0.998097 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
 Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

3-Nitroaniline

Response Ratio



$$\text{Response} = 3.198\text{e-}001 * \text{Amt} - 5.099\text{e-}002$$

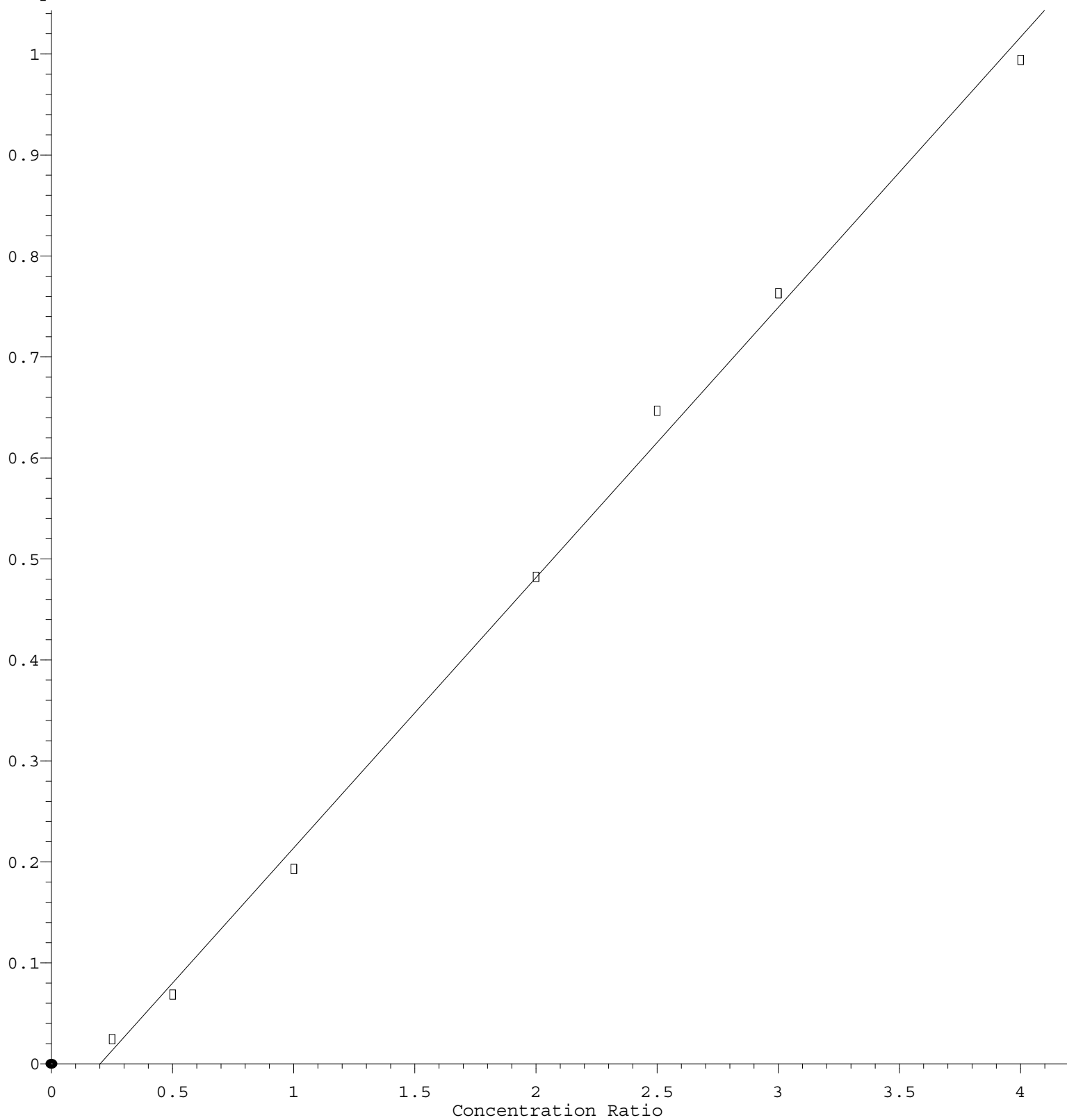
Coef of Det (r^2) = 0.997645 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

2,6-Dinitrotoluene

Response Ratio



$$\text{Response} = 2.679\text{e-}001 * \text{Amt} - 5.390\text{e-}002$$

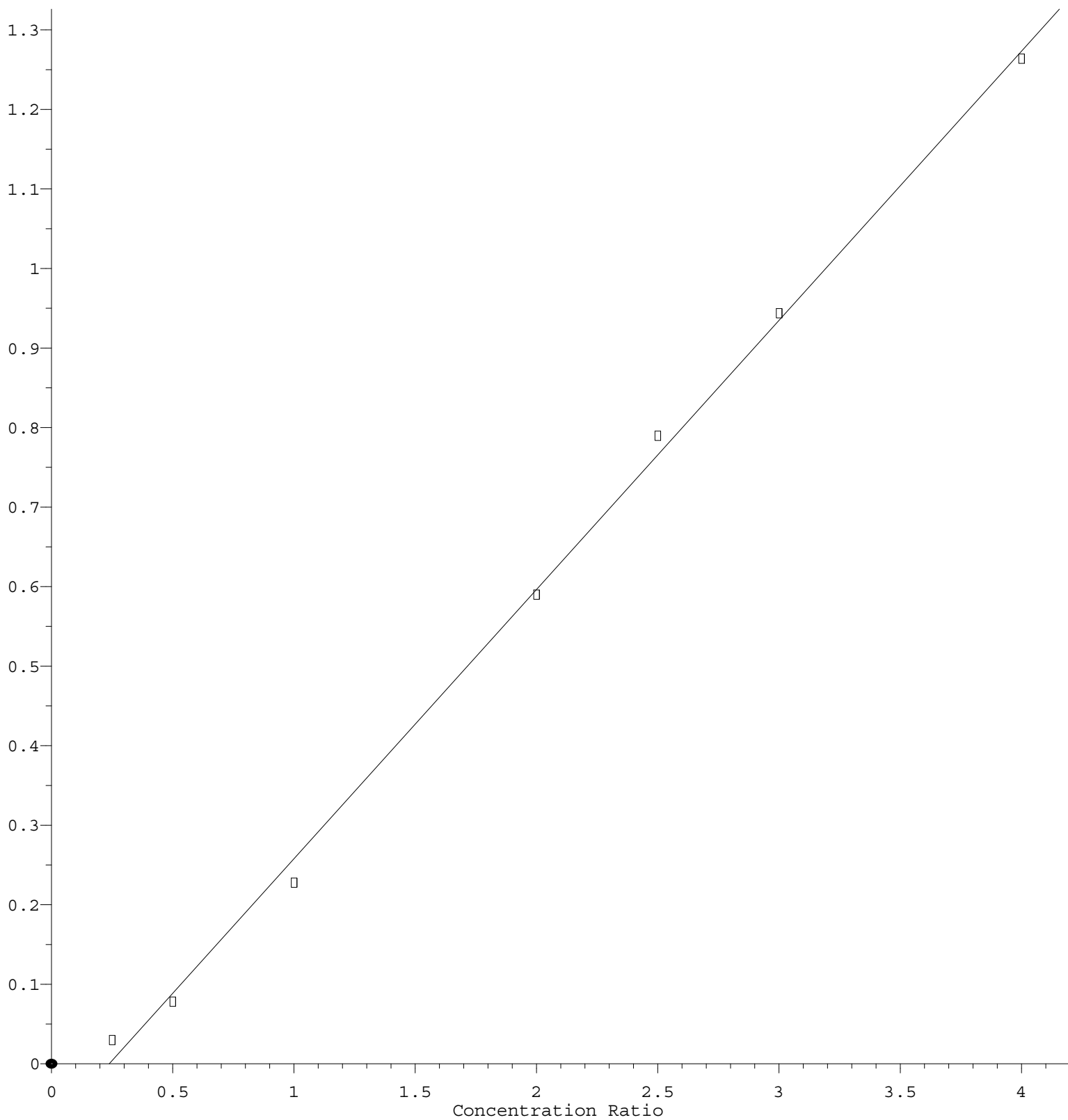
Coef of Det (r^2) = 0.997116 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

2-Nitroaniline

Response Ratio



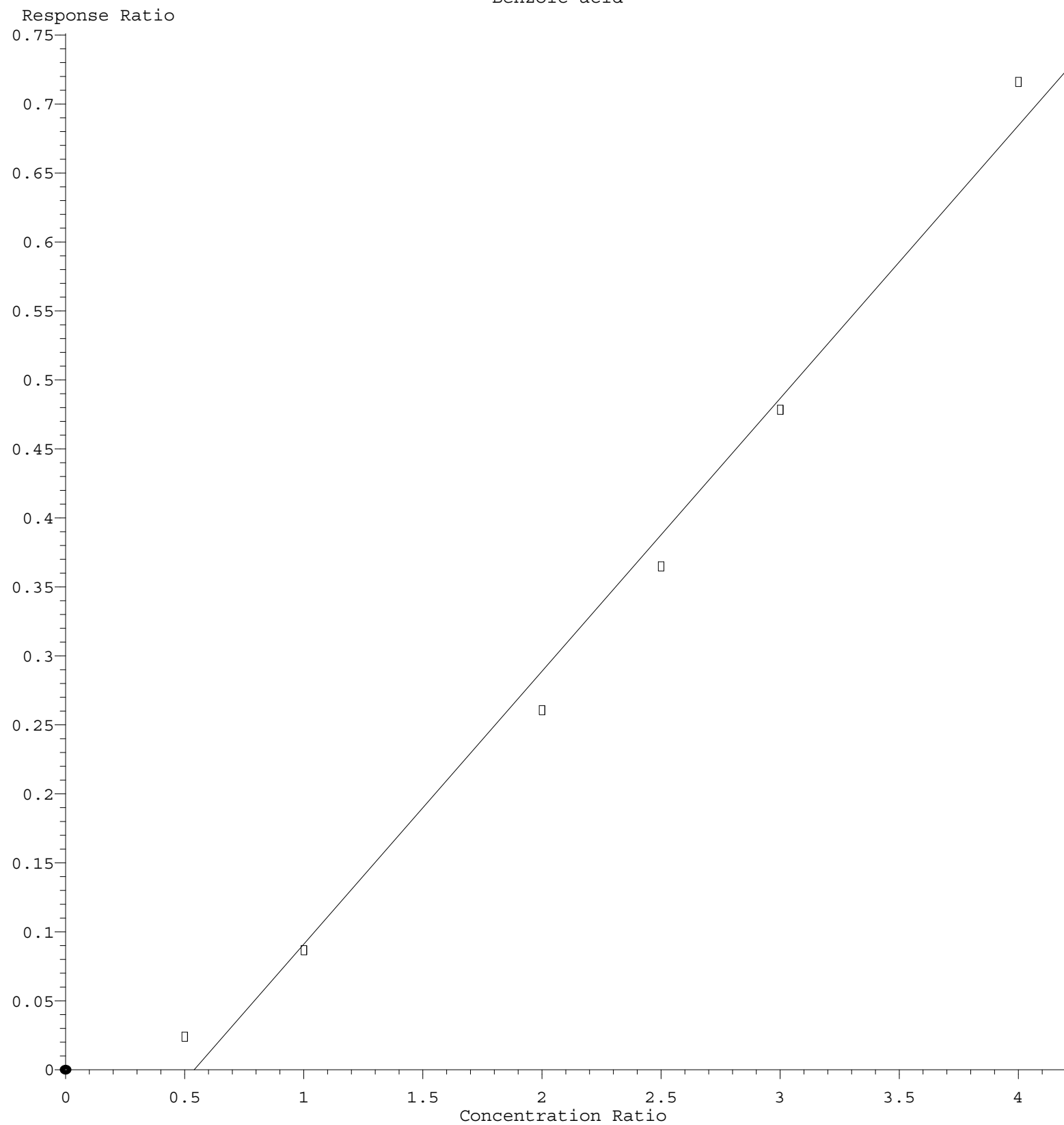
$$\text{Response} = 3.387\text{e-}001 * \text{Amt} - 8.076\text{e-}002$$

Coef of Det (r^2) = 0.998123 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

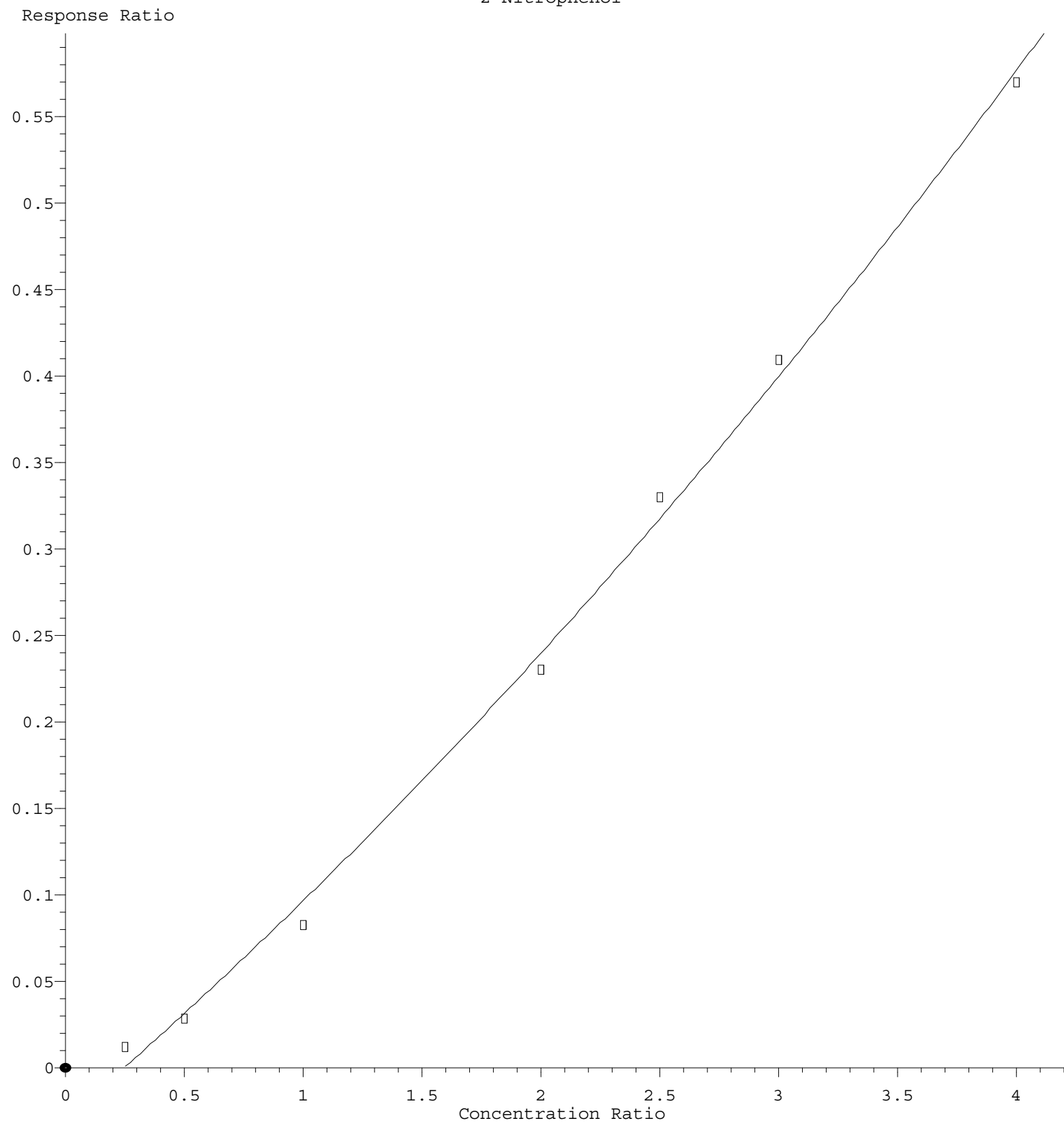
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

Benzoic acid



Response = $1.978 \times 10^{-1} \times \text{Amt} - 1.069 \times 10^{-1}$
Coef of Det (r^2) = 0.989640 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

2-Nitrophenol



$R = 8.463e-003 A^2 + 1.177e-001 A - 2.955e-002$
 Coef of Det (r^2) = 0.997290 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
 Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142239.D
Acq On : 30 Apr 2025 11:24
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 30 15:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

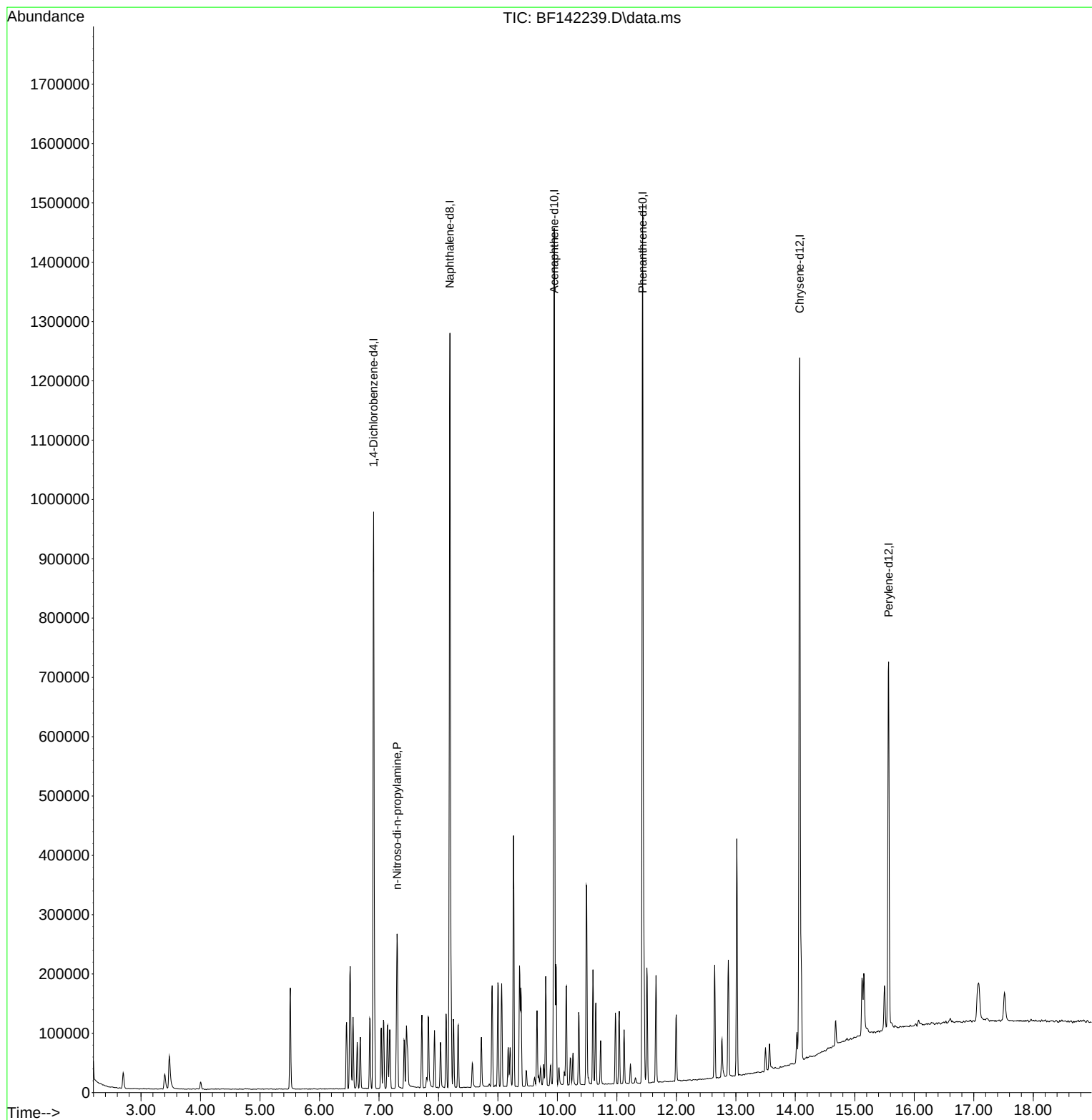
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	204993	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	780462	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	414360	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	737147	20.000	ng	0.00
76) Chrysene-d12	14.074	240	525717	20.000	ng	0.00
86) Perylene-d12	15.568	264	366865	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						
19) n-Nitroso-di-n-propyla...	7.304	70	24421	2.550	ng	Qvalue 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142239.D
Acq On : 30 Apr 2025 11:24
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 30 15:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142240.D
 Acq On : 30 Apr 2025 11:52
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	187794	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	726978	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	380022	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	664931	20.000	ng	0.00
76) Chrysene-d12	14.074	240	454911	20.000	ng	0.00
86) Perylene-d12	15.568	264	322126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	124307	10.571	ng	0.00
7) Phenol-d6	6.510	99	146414	10.311	ng	-0.02
23) Nitrobenzene-d5	7.463	82	78765	7.118	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	26375	7.613	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	330323	12.256	ng	0.00
79) Terphenyl-d14	13.016	244	334852	10.706	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	26443	5.035	ng	97
3) Pyridine	3.469	79	68779	5.039	ng	99
4) n-Nitrosodimethylamine	3.393	42	35057	4.963	ng	# 97
6) Aniline	6.563	93	103866	5.168	ng	99
8) 2-Chlorophenol	6.687	128	58780	4.838	ng	99
9) Benzaldehyde	6.457	77	54160	5.457	ng	98
10) Phenol	6.528	94	78823	5.157	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	63148	5.331	ng	99
12) 1,3-Dichlorobenzene	6.845	146	73777	5.367	ng	100
13) 1,4-Dichlorobenzene	6.928	146	75604	5.459	ng	97
14) 1,2-Dichlorobenzene	7.075	146	69920	5.289	ng	99
15) Benzyl Alcohol	7.039	79	49136	4.879	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.181	45	111179	5.198	ng	100
17) 2-Methylphenol	7.145	107	50945	5.118	ng	98
18) Hexachloroethane	7.422	117	21958	4.844	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	46341	5.281	ng	99
20) 3+4-Methylphenols	7.292	107	63725	5.119	ng	93
22) Acetophenone	7.310	105	92806	5.518	ng	96
24) Nitrobenzene	7.481	77	41660	3.837	ng	94
25) Isophorone	7.722	82	119954	5.165	ng	100
26) 2-Nitrophenol	7.804	139	8775	6.901	ng	99
27) 2,4-Dimethylphenol	7.828	122	57217	4.887	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	77155	5.268	ng	100
29) 2,4-Dichlorophenol	8.034	162	44643	4.560	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	58177	5.326	ng	99
31) Naphthalene	8.210	128	200969	5.543	ng	99
33) 4-Chloroaniline	8.251	127	81024	5.367	ng	98
34) Hexachlorobutadiene	8.334	225	32676	5.127	ng	97
35) Caprolactam	8.575	113	12427	4.223	ng	100
36) 4-Chloro-3-methylphenol	8.722	107	47673	4.743	ng	99
37) 2-Methylnaphthalene	8.904	142	123458	5.539	ng	97
38) 1-Methylnaphthalene	8.998	142	127274	5.512	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	58967	5.513	ng	97
41) Hexachlorocyclopentadiene	9.057	237	23228	3.827	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	26171	3.949	ng	98
44) 2,4,5-Trichlorophenol	9.204	196	30587	4.390	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142240.D
 Acq On : 30 Apr 2025 11:52
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

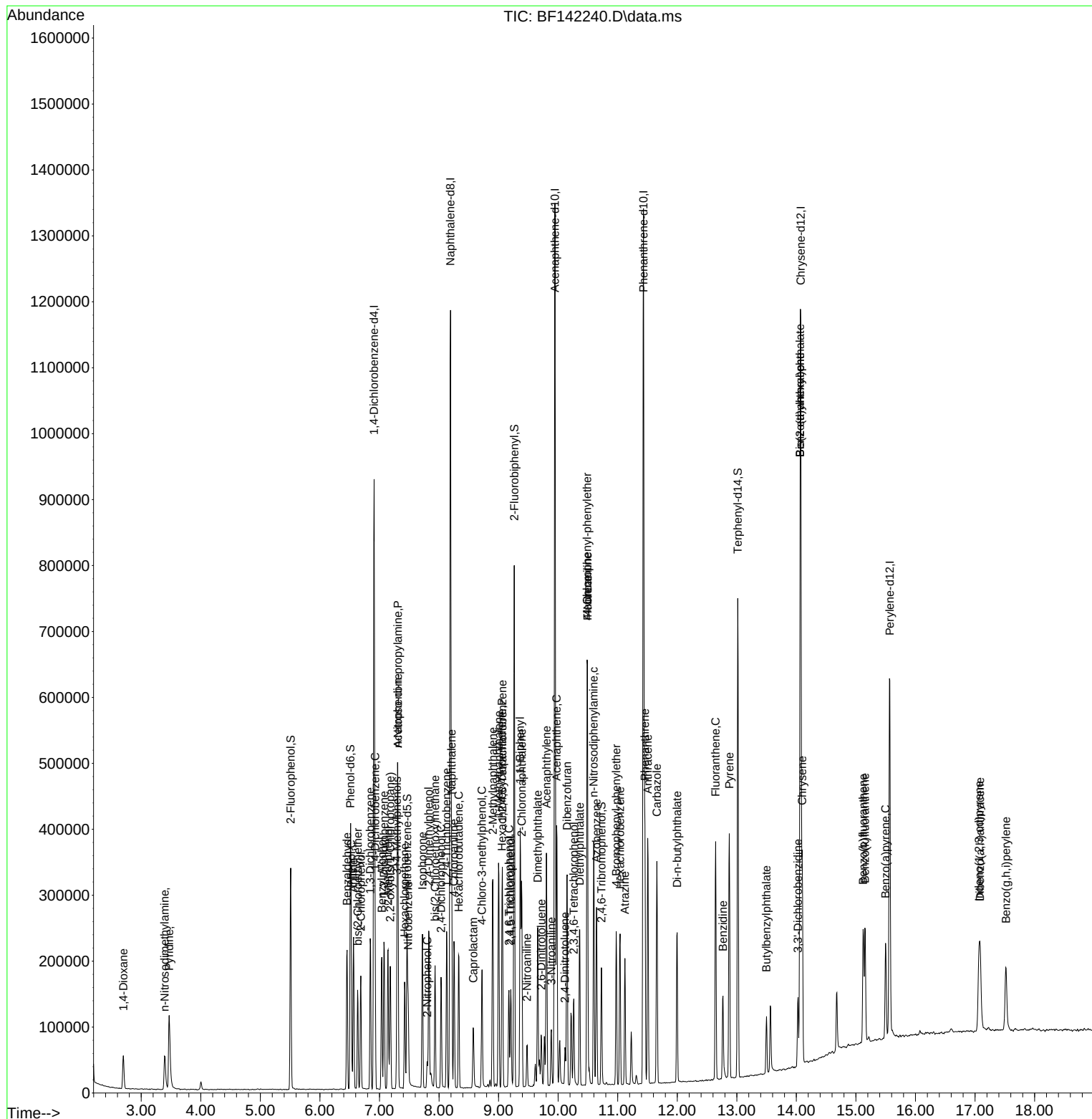
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.363	154	168456	5.702	ng	98
47) 2-Chloronaphthalene	9.386	162	122469	5.572	ng	98
48) 2-Nitroaniline	9.475	65	11346	6.532	ng	89
49) Acenaphthylene	9.804	152	204157	5.504	ng	99
50) Dimethylphthalate	9.657	163	129376	5.322	ng	100
51) 2,6-Dinitrotoluene	9.716	165	9271	5.846	ng	# 81
52) Acenaphthene	9.975	154	120775	5.577	ng	99
53) 3-Nitroaniline	9.886	138	13576	5.423	ng	# 88
55) Dibenzofuran	10.151	168	183405	5.649	ng	98
57) 2,4-Dinitrotoluene	10.116	165	9928	6.601	ng	# 85
58) Fluorene	10.492	166	141835	5.746	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	23974m	4.154	ng	
60) Diethylphthalate	10.363	149	125748	5.238	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	66676	5.688	ng	98
62) 4-Nitroaniline	10.492	138	13695	5.254	ng	# 76
63) Azobenzene	10.645	77	127873	5.394	ng	99
66) n-Nitrosodiphenylamine	10.598	169	120800	5.317	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	37248	5.030	ng	97
68) Hexachlorobenzene	11.039	284	42558	5.131	ng	98
69) Atrazine	11.122	200	27629	4.614	ng	98
71) Phenanthrene	11.457	178	202460	5.637	ng	98
72) Anthracene	11.504	178	200946	5.472	ng	98
73) Carbazole	11.657	167	186963	5.581	ng	98
74) Di-n-butylphthalate	11.998	149	163860	4.864	ng	99
75) Fluoranthene	12.645	202	202911	5.715	ng	98
77) Benzidine	12.769	184	79877	4.132	ng	98
78) Pyrene	12.874	202	208462	4.968	ng	99
80) Butylbenzylphthalate	13.498	149	24840	5.714	ng	96
81) Benzo(a)anthracene	14.063	228	156840	5.136	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	32503	3.623	ng	94
83) Chrysene	14.098	228	148119	5.328	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	43692	6.006	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	106554	4.516	ng	98
88) Benzo(b)fluoranthene	15.121	252	106072	5.301	ng	100
89) Benzo(k)fluoranthene	15.151	252	97496	5.327	ng	99
90) Benzo(a)pyrene	15.498	252	90284	4.928	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	86557	4.520	ng	100
92) Benzo(g,h,i)perylene	17.521	276	86631	4.500	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142241.D
 Acq On : 30 Apr 2025 12:20
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 30 15:41:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	198828	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	764114	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	402628	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	692116	20.000	ng	0.00
76) Chrysene-d12	14.074	240	449534	20.000	ng	0.00
86) Perylene-d12	15.568	264	332067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	246136	19.771	ng	0.00
7) Phenol-d6	6.516	99	299244	19.905	ng	-0.01
23) Nitrobenzene-d5	7.463	82	192172	16.523	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	63470	17.292	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	636078	22.275	ng	0.00
79) Terphenyl-d14	13.016	244	635233	20.552	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	53052	9.541	ng	97
3) Pyridine	3.469	79	138279	9.569	ng	99
4) n-Nitrosodimethylamine	3.399	42	69527	9.297	ng	# 98
6) Aniline	6.563	93	207232	9.739	ng	100
8) 2-Chlorophenol	6.687	128	122451	9.519	ng	98
9) Benzaldehyde	6.457	77	108198	10.297	ng	99
10) Phenol	6.528	94	157877	9.755	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	124281	9.909	ng	99
12) 1,3-Dichlorobenzene	6.851	146	147587	10.141	ng	99
13) 1,4-Dichlorobenzene	6.928	146	147728	10.075	ng	99
14) 1,2-Dichlorobenzene	7.081	146	140999	10.073	ng	99
15) Benzyl Alcohol	7.039	79	101094	9.481	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	227340	10.038	ng	99
17) 2-Methylphenol	7.145	107	102299	9.707	ng	99
18) Hexachloroethane	7.422	117	46369	9.662	ng	94
19) n-Nitroso-di-n-propyla...	7.310	70	93168	10.029	ng	99
20) 3+4-Methylphenols	7.298	107	131546	9.981	ng	97
22) Acetophenone	7.310	105	184253	10.423	ng	96
24) Nitrobenzene	7.481	77	99900	8.754	ng	95
25) Isophorone	7.722	82	240659	9.859	ng	100
26) 2-Nitrophenol	7.804	139	21744	9.530	ng	98
27) 2,4-Dimethylphenol	7.834	122	121707	9.889	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	154349	10.026	ng	99
29) 2,4-Dichlorophenol	8.034	162	96761	9.404	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	115815	10.087	ng	99
31) Naphthalene	8.210	128	397159	10.422	ng	99
32) Benzoic acid	7.881	122	18272	13.045	ng	96
33) 4-Chloroaniline	8.257	127	157999	9.957	ng	99
34) Hexachlorobutadiene	8.334	225	66829	9.976	ng	98
35) Caprolactam	8.586	113	27800	8.989	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	101179	9.576	ng	99
37) 2-Methylnaphthalene	8.904	142	243429	10.390	ng	99
38) 1-Methylnaphthalene	9.004	142	250299	10.312	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	115685	10.209	ng	98
41) Hexachlorocyclopentadiene	9.057	237	53365	8.298	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	66271	9.438	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142241.D
 Acq On : 30 Apr 2025 12:20
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 30 15:41:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	66509	9.009	ng	98
46) 1,1'-Biphenyl	9.363	154	326241	10.423	ng	99
47) 2-Chloronaphthalene	9.392	162	236725	10.165	ng	99
48) 2-Nitroaniline	9.480	65	31455	9.382	ng	98
49) Acenaphthylene	9.804	152	407630	10.373	ng	98
50) Dimethylphthalate	9.657	163	258512	10.036	ng	99
51) 2,6-Dinitrotoluene	9.722	165	27624	9.147	ng	91
52) Acenaphthene	9.980	154	236444	10.305	ng	99
53) 3-Nitroaniline	9.886	138	37727	9.049	ng	# 97
54) 2,4-Dinitrophenol	9.986	184	4993	11.362	ng	# 1
55) Dibenzofuran	10.151	168	357431	10.392	ng	99
56) 4-Nitrophenol	10.028	139	26399	6.520	ng	91
57) 2,4-Dinitrotoluene	10.122	165	29245	9.405	ng	94
58) Fluorene	10.492	166	282449	10.800	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	53660	8.775	ng	99
60) Diethylphthalate	10.363	149	254431	10.003	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	129149	10.398	ng	99
62) 4-Nitroaniline	10.492	138	35703	8.911	ng	88
63) Azobenzene	10.645	77	253731	10.102	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	7762	13.263	ng	95
66) n-Nitrosodiphenylamine	10.598	169	237471	10.042	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	75692	9.820	ng	97
68) Hexachlorobenzene	11.039	284	84881	9.832	ng	96
69) Atrazine	11.122	200	59553	9.554	ng	98
70) Pentachlorophenol	11.227	266	32058	7.029	ng	99
71) Phenanthrene	11.457	178	385677	10.316	ng	99
72) Anthracene	11.510	178	401700	10.509	ng	98
73) Carbazole	11.657	167	362249	10.389	ng	98
74) Di-n-butylphthalate	11.998	149	348111	9.927	ng	99
75) Fluoranthene	12.645	202	395757	10.709	ng	99
77) Benzidine	12.769	184	168038	8.797	ng	99
78) Pyrene	12.874	202	404860	9.763	ng	100
80) Butylbenzylphthalate	13.498	149	65964	9.084	ng	98
81) Benzo(a)anthracene	14.063	228	296710	9.832	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	71321	8.046	ng	98
83) Chrysene	14.098	228	271875	9.897	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	100777	9.409	ng	99
85) Di-n-octyl phthalate	14.680	149	150072	10.622	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	229818	9.449	ng	100
88) Benzo(b)fluoranthene	15.121	252	202615	9.823	ng	99
89) Benzo(k)fluoranthene	15.157	252	192500	10.203	ng	98
90) Benzo(a)pyrene	15.498	252	182258	9.651	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	187788	9.513	ng	99
92) Benzo(g,h,i)perylene	17.521	276	188891	9.518	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

[illegible]

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142242.D
 Acq On : 30 Apr 2025 12:49
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:42:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 30 15:28:40 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	194641	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	746567	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	398805	20.000	ng	0.00
64) Phenanthrene-d10	11.434	188	679379	20.000	ng	0.00
76) Chrysene-d12	14.075	240	430351	20.000	ng	0.00
86) Perylene-d12	15.569	264	350840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	492356	40.399	ng	0.00
7) Phenol-d6	6.516	99	597221	40.580	ng	-0.01
23) Nitrobenzene-d5	7.469	82	450837	39.673	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	146779	40.372	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1212743	42.876	ng	0.00
79) Terphenyl-d14	13.022	244	1223735	41.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	109201	20.062	ng	100
3) Pyridine	3.458	79	282987	20.004	ng	100
4) n-Nitrosodimethylamine	3.399	42	141737	19.361	ng	97
6) Aniline	6.569	93	419797	20.152	ng	99
8) 2-Chlorophenol	6.687	128	253840	20.156	ng	99
9) Benzaldehyde	6.457	77	213052	20.712	ng	98
10) Phenol	6.534	94	322435	20.352	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	247179	20.132	ng	99
12) 1,3-Dichlorobenzene	6.851	146	289129	20.294	ng	100
13) 1,4-Dichlorobenzene	6.928	146	290927	20.268	ng	99
14) 1,2-Dichlorobenzene	7.081	146	278592	20.331	ng	99
15) Benzyl Alcohol	7.040	79	207042	19.835	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	448250	20.218	ng	99
17) 2-Methylphenol	7.146	107	207957	20.157	ng	99
18) Hexachloroethane	7.422	117	93572	19.917	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	184776	20.318	ng	99
20) 3+4-Methylphenols	7.298	107	267057	20.700	ng	96
22) Acetophenone	7.310	105	360484	20.872	ng	98
24) Nitrobenzene	7.487	77	221499	19.865	ng	98
25) Isophorone	7.722	82	479096	20.088	ng	99
26) 2-Nitrophenol	7.804	139	61615	17.893	ng	98
27) 2,4-Dimethylphenol	7.834	122	248864	20.696	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	309073	20.549	ng	99
29) 2,4-Dichlorophenol	8.040	162	204821	20.374	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	227898	20.315	ng	100
31) Naphthalene	8.210	128	772839	20.758	ng	100
32) Benzoic acid	7.904	122	64656m	19.412	ng	
33) 4-Chloroaniline	8.257	127	320218	20.654	ng	99
34) Hexachlorobutadiene	8.334	225	133474	20.393	ng	99
35) Caprolactam	8.604	113	60791	20.118	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	208419	20.190	ng	99
37) 2-Methylnaphthalene	8.904	142	472896	20.658	ng	100
38) 1-Methylnaphthalene	9.004	142	497635	20.985	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	228311	20.342	ng	99
41) Hexachlorocyclopentadiene	9.057	237	121953	19.145	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	140807	20.246	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142242.D
 Acq On : 30 Apr 2025 12:49
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:42:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	144462	19.756	ng	99
46) 1,1'-Biphenyl	9.369	154	643017	20.740	ng	99
47) 2-Chloronaphthalene	9.392	162	474899	20.588	ng	98
48) 2-Nitroaniline	9.481	65	90798	18.213	ng	97
49) Acenaphthylene	9.810	152	807654	20.749	ng	99
50) Dimethylphthalate	9.663	163	518802	20.334	ng	100
51) 2,6-Dinitrotoluene	9.722	165	76955	18.432	ng	93
52) Acenaphthene	9.981	154	460927	20.281	ng	100
53) 3-Nitroaniline	9.892	138	100560	18.959	ng	# 95
54) 2,4-Dinitrophenol	9.992	184	14553	18.804	ng	# 1
55) Dibenzofuran	10.151	168	698155	20.493	ng	100
56) 4-Nitrophenol	10.034	139	70423	17.561	ng	97
57) 2,4-Dinitrotoluene	10.122	165	84812	17.844	ng	95
58) Fluorene	10.492	166	538647	20.793	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	124353	20.530	ng	99
60) Diethylphthalate	10.363	149	519294	20.611	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	252213	20.502	ng	99
62) 4-Nitroaniline	10.498	138	92884	18.933	ng	97
63) Azobenzene	10.645	77	508482	20.438	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	23400	18.756	ng	98
66) n-Nitrosodiphenylamine	10.604	169	470767	20.280	ng	100
67) 4-Bromophenyl-phenylether	10.981	248	151720	20.053	ng	99
68) Hexachlorobenzene	11.039	284	168767	19.916	ng	97
69) Atrazine	11.128	200	126444	20.665	ng	99
70) Pentachlorophenol	11.228	266	81929	18.301	ng	99
71) Phenanthrene	11.457	178	760476	20.723	ng	99
72) Anthracene	11.510	178	782215	20.848	ng	99
73) Carbazole	11.657	167	720775	21.059	ng	99
74) Di-n-butylphthalate	11.998	149	739011	21.469	ng	99
75) Fluoranthene	12.645	202	784880	21.636	ng	100
77) Benzidine	12.769	184	381034	20.837	ng	99
78) Pyrene	12.875	202	795806	20.046	ng	100
80) Butylbenzylphthalate	13.498	149	174268	18.529	ng	99
81) Benzo(a)anthracene	14.063	228	573438	19.849	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	163359	19.251	ng	100
83) Chrysene	14.098	228	537388	20.435	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	236325	18.042	ng	100
85) Di-n-octyl phthalate	14.674	149	376362	17.998	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	514496	20.021	ng	99
88) Benzo(b)fluoranthene	15.127	252	423694	19.442	ng	98
89) Benzo(k)fluoranthene	15.157	252	428646	21.504	ng	98
90) Benzo(a)pyrene	15.504	252	402101	20.154	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	420029	20.139	ng	98
92) Benzo(g,h,i)perylene	17.527	276	422497	20.150	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142242.D
 Acq On : 30 Apr 2025 12:49
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025

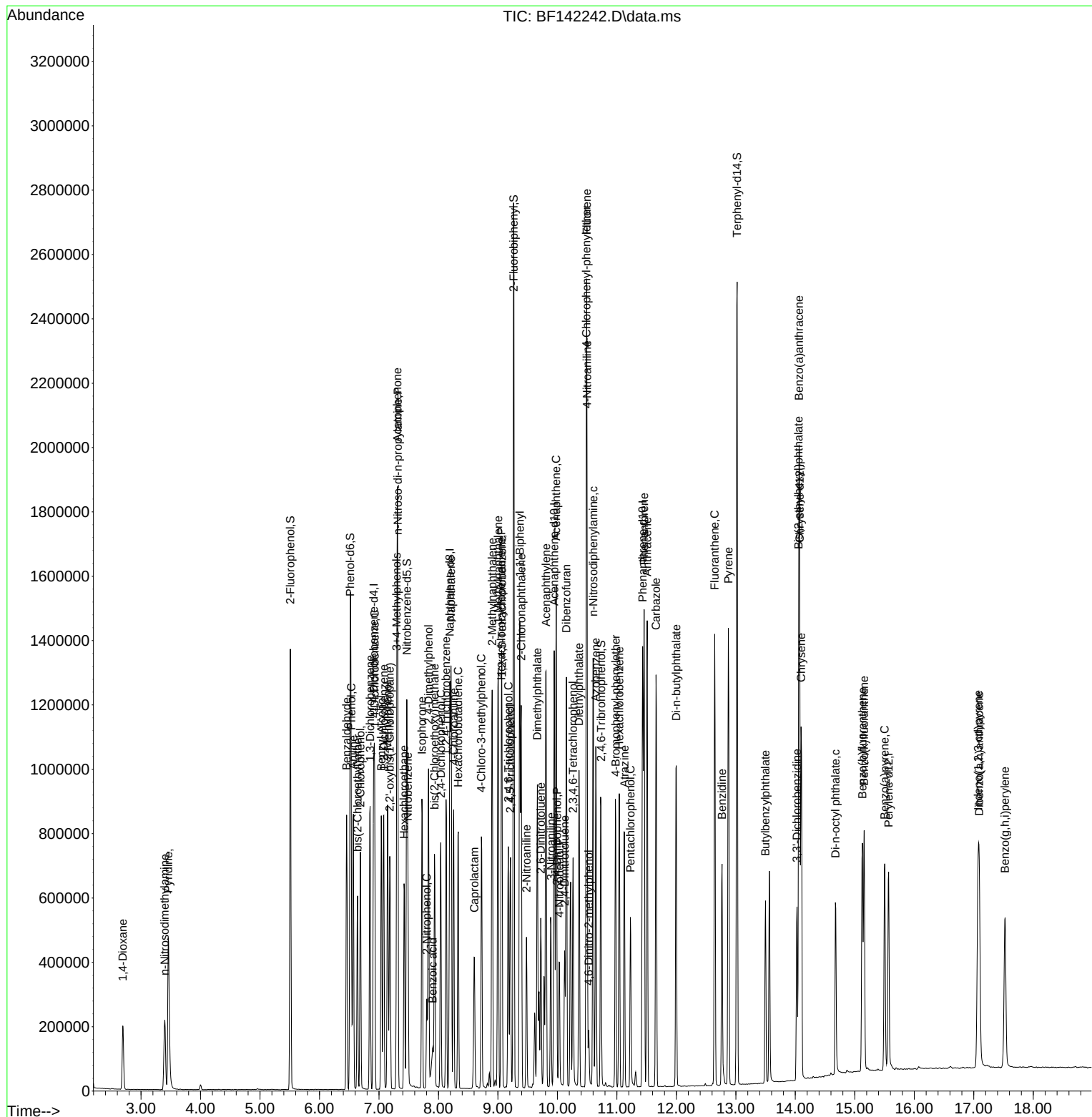
Quant Time: Apr 30 15:42:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 30 15:28:40 2025

Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142243.D
 Acq On : 30 Apr 2025 13:17
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:43:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	180007	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	706244	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	370869	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	616408	20.000	ng	0.00
76) Chrysene-d12	14.074	240	331192	20.000	ng	0.00
86) Perylene-d12	15.568	264	328405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	946150	83.944	ng	0.00
7) Phenol-d6	6.528	99	1146926	84.267	ng	0.00
23) Nitrobenzene-d5	7.475	82	961009	89.396	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	302223	89.389	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2089707	79.446	ng	0.00
79) Terphenyl-d14	13.022	244	1962470	86.181	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	213029	42.319	ng	100
3) Pyridine	3.463	79	547989	41.886	ng	100
4) n-Nitrosodimethylamine	3.410	42	290357	42.887	ng	100
6) Aniline	6.569	93	808338	41.959	ng	100
8) 2-Chlorophenol	6.693	128	496290	42.612	ng	100
9) Benzaldehyde	6.457	77	402047	42.263	ng	100
10) Phenol	6.540	94	617257	42.128	ng	100
11) bis(2-Chloroethyl)ether	6.646	93	474404	41.780	ng	100
12) 1,3-Dichlorobenzene	6.851	146	551813	41.881	ng	100
13) 1,4-Dichlorobenzene	6.928	146	556691	41.937	ng	100
14) 1,2-Dichlorobenzene	7.081	146	530895	41.892	ng	100
15) Benzyl Alcohol	7.046	79	413830	42.870	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.187	45	858875	41.888	ng	100
17) 2-Methylphenol	7.151	107	403467	42.287	ng	100
18) Hexachloroethane	7.428	117	183881	42.322	ng	100
19) n-Nitroso-di-n-propyla...	7.322	70	348288	41.410	ng	100
20) 3+4-Methylphenols	7.304	107	503856	42.229	ng	100
22) Acetophenone	7.316	105	660959	40.454	ng	100
24) Nitrobenzene	7.493	77	463357	43.929	ng	100
25) Isophorone	7.728	82	931763	41.299	ng	100
26) 2-Nitrophenol	7.804	139	162563	38.737	ng	100
27) 2,4-Dimethylphenol	7.834	122	476186	41.862	ng	100
28) bis(2-Chloroethoxy)met...	7.940	93	586887	41.247	ng	100
29) 2,4-Dichlorophenol	8.040	162	410487	43.163	ng	100
30) 1,2,4-Trichlorobenzene	8.134	180	440825	41.539	ng	100
31) Naphthalene	8.216	128	1441240	40.920	ng	100
32) Benzoic acid	7.934	122	184052m	37.083	ng	
33) 4-Chloroaniline	8.257	127	606136	41.328	ng	100
34) Hexachlorobutadiene	8.334	225	260821	42.125	ng	100
35) Caprolactam	8.622	113	122598	42.889	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	417126	42.715	ng	100
37) 2-Methylnaphthalene	8.904	142	880315	40.652	ng	100
38) 1-Methylnaphthalene	9.004	142	920983	41.054	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	427286	40.938	ng	100
41) Hexachlorocyclopentadiene	9.057	237	260979	44.056	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	274555	42.450	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142243.D
 Acq On : 30 Apr 2025 13:17
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:43:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

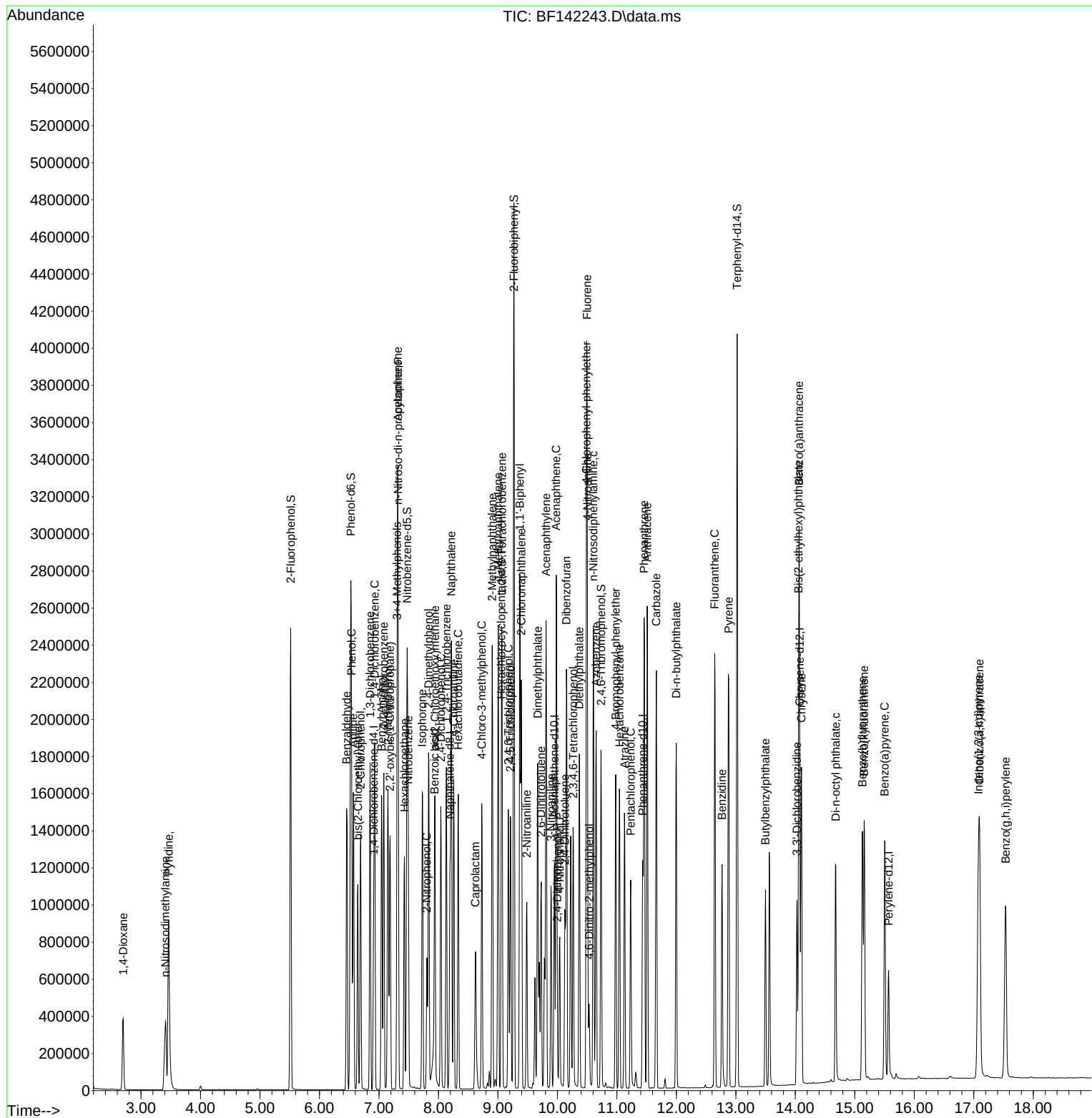
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	299967	44.113	ng	100
46) 1,1'-Biphenyl	9.369	154	1172400	40.664	ng	100
47) 2-Chloronaphthalene	9.392	162	879152	40.984	ng	100
48) 2-Nitroaniline	9.487	65	218766	39.600	ng	100
49) Acenaphthylene	9.810	152	1481543	40.929	ng	100
50) Dimethylphthalate	9.669	163	980172	41.312	ng	100
51) 2,6-Dinitrotoluene	9.728	165	178867	40.034	ng	100
52) Acenaphthene	9.981	154	869604	41.145	ng	100
53) 3-Nitroaniline	9.892	138	221168	40.485	ng	100
54) 2,4-Dinitrophenol	9.998	184	42260	38.466	ng	100
55) Dibenzofuran	10.151	168	1293035	40.813	ng	100
56) 4-Nitrophenol	10.039	139	159989	42.900	ng	100
57) 2,4-Dinitrotoluene	10.128	165	211218	39.352	ng	100
58) Fluorene	10.498	166	976948	40.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	247655	43.967	ng	100
60) Diethylphthalate	10.369	149	974036	41.573	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	468898	40.986	ng	100
62) 4-Nitroaniline	10.504	138	201491	40.498	ng	100
63) Azobenzene	10.651	77	948440	40.994	ng	100
65) 4,6-Dinitro-2-methylph...	10.534	198	67678	36.574	ng	100
66) n-Nitrosodiphenylamine	10.604	169	877338	41.656	ng	100
67) 4-Bromophenyl-phenylether	10.981	248	291063	42.400	ng	100
68) Hexachlorobenzene	11.045	284	321448	41.809	ng	100
69) Atrazine	11.128	200	234825	42.299	ng	100
70) Pentachlorophenol	11.233	266	177755	43.764	ng	100
71) Phenanthrene	11.457	178	1371009	41.176	ng	100
72) Anthracene	11.510	178	1390308	40.840	ng	100
73) Carbazole	11.663	167	1273184	40.999	ng	100
74) Di-n-butylphthalate	11.998	149	1317363	42.180	ng	100
75) Fluoranthene	12.645	202	1338006	40.652	ng	100
77) Benzidine	12.769	184	638142	45.346	ng	100
78) Pyrene	12.880	202	1341800	43.920	ng	100
80) Butylbenzylphthalate	13.498	149	334175	40.624	ng	100
81) Benzo(a)anthracene	14.063	228	952290	42.831	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	292958	44.859	ng	100
83) Chrysene	14.104	228	816041	40.321	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	460074	40.356	ng	100
85) Di-n-octyl phthalate	14.680	149	836078	40.504	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1059591	44.049	ng	100
88) Benzo(b)fluoranthene	15.127	252	854971	41.912	ng	100
89) Benzo(k)fluoranthene	15.157	252	752135	40.310	ng	100
90) Benzo(a)pyrene	15.504	252	790330	42.318	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	861783	44.142	ng	100
92) Benzo(g,h,i)perylene	17.539	276	858804	43.758	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142244.D
 Acq On : 30 Apr 2025 13:46
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:43:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	179073	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	691236	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	360144	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	604171	20.000	ng	0.00
76) Chrysene-d12	14.074	240	322957	20.000	ng	0.00
86) Perylene-d12	15.568	264	337726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1150166	102.577	ng	0.00
7) Phenol-d6	6.528	99	1387418	102.468	ng	0.00
23) Nitrobenzene-d5	7.475	82	1213856	115.369	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	369823	112.641	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2425708	94.966	ng	0.00
79) Terphenyl-d14	13.021	244	2247982	101.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	259869	51.894	ng	99
3) Pyridine	3.463	79	672711	51.688	ng	100
4) n-Nitrosodimethylamine	3.416	42	353028	52.416	ng	96
6) Aniline	6.575	93	986118	51.454	ng	99
8) 2-Chlorophenol	6.692	128	606252	52.325	ng	99
9) Benzaldehyde	6.463	77	482619	50.998	ng	98
10) Phenol	6.539	94	755326m	51.820	ng	
11) bis(2-Chloroethyl)ether	6.645	93	575347	50.934	ng	100
12) 1,3-Dichlorobenzene	6.851	146	661612	50.476	ng	99
13) 1,4-Dichlorobenzene	6.928	146	666083	50.439	ng	99
14) 1,2-Dichlorobenzene	7.081	146	640983	50.843	ng	100
15) Benzyl Alcohol	7.045	79	504297	52.514	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1049319	51.444	ng	100
17) 2-Methylphenol	7.151	107	485145	51.113	ng	100
18) Hexachloroethane	7.428	117	229911	53.193	ng	97
19) n-Nitroso-di-n-propyla...	7.328	70	420535	50.261	ng	99
20) 3+4-Methylphenols	7.310	107	611404	51.510	ng	# 89
22) Acetophenone	7.322	105	796460	49.805	ng	96
24) Nitrobenzene	7.492	77	584670	56.634	ng	99
25) Isophorone	7.734	82	1129933	51.170	ng	99
26) 2-Nitrophenol	7.810	139	228021	51.526	ng	97
27) 2,4-Dimethylphenol	7.839	122	576054	51.741	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	708439	50.870	ng	99
29) 2,4-Dichlorophenol	8.045	162	494488	53.125	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	524508	50.497	ng	100
31) Naphthalene	8.216	128	1725818	50.064	ng	100
32) Benzoic acid	7.939	122	252184	47.667	ng	98
33) 4-Chloroaniline	8.257	127	730860	50.914	ng	99
34) Hexachlorobutadiene	8.333	225	307118	50.679	ng	99
35) Caprolactam	8.628	113	154579	55.251	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	505527	52.891	ng	100
37) 2-Methylnaphthalene	8.904	142	1057924	49.915	ng	100
38) 1-Methylnaphthalene	9.004	142	1107217	50.427	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	509426	50.261	ng	99
41) Hexachlorocyclopentadiene	9.063	237	331287	57.591	ng	99
43) 2,4,6-Trichlorophenol	9.180	196	337910	53.801	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142244.D
 Acq On : 30 Apr 2025 13:46
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:43:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	370489	56.106	ng	98
46) 1,1'-Biphenyl	9.369	154	1392513	49.736	ng	100
47) 2-Chloronaphthalene	9.398	162	1041842	50.015	ng	100
48) 2-Nitroaniline	9.486	65	284370	51.394	ng	100
49) Acenaphthylene	9.810	152	1769441	50.339	ng	100
50) Dimethylphthalate	9.669	163	1178638	51.156	ng	99
51) 2,6-Dinitrotoluene	9.727	165	232906	52.309	ng	99
52) Acenaphthene	9.986	154	1024409	49.912	ng	100
53) 3-Nitroaniline	9.898	138	279608	51.745	ng	97
54) 2,4-Dinitrophenol	9.998	184	62086	50.725	ng	98
55) Dibenzofuran	10.157	168	1542097	50.123	ng	100
56) 4-Nitrophenol	10.039	139	210153	58.029	ng	99
57) 2,4-Dinitrotoluene	10.127	165	280193	51.918	ng	98
58) Fluorene	10.498	166	1146269	49.000	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	300782	54.989	ng	99
60) Diethylphthalate	10.369	149	1170793	51.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	553271	49.802	ng	98
62) 4-Nitroaniline	10.510	138	258117	52.547	ng	100
63) Azobenzene	10.651	77	1150899	51.226	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	98114	49.012	ng	95
66) n-Nitrosodiphenylamine	10.610	169	1041277	50.442	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	340298	50.576	ng	97
68) Hexachlorobenzene	11.045	284	384807	51.064	ng	99
69) Atrazine	11.133	200	287405	52.819	ng	100
70) Pentachlorophenol	11.233	266	219414	55.114	ng	98
71) Phenanthrene	11.463	178	1607091	49.244	ng	99
72) Anthracene	11.510	178	1659788	49.744	ng	100
73) Carbazole	11.663	167	1504715	49.436	ng	100
74) Di-n-butylphthalate	11.998	149	1578769	51.573	ng	100
75) Fluoranthene	12.651	202	1563998	48.481	ng	99
77) Benzidine	12.768	184	762858	55.590	ng	99
78) Pyrene	12.880	202	1563568	52.484	ng	100
80) Butylbenzylphthalate	13.498	149	423529	51.685	ng	100
81) Benzo(a)anthracene	14.068	228	1120699	51.691	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	363124	57.021	ng	98
83) Chrysene	14.104	228	990991	50.214	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	585800	51.638	ng	100
85) Di-n-octyl phthalate	14.680	149	1065626	51.078	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	1313336	53.091	ng	99
88) Benzo(b)fluoranthene	15.127	252	1073096	51.153	ng	100
89) Benzo(k)fluoranthene	15.162	252	967248	50.408	ng	98
90) Benzo(a)pyrene	15.504	252	996599	51.890	ng	100
91) Dibenzo(a,h)anthracene	17.103	278	1073246	53.457	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1069402	52.984	ng	98

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

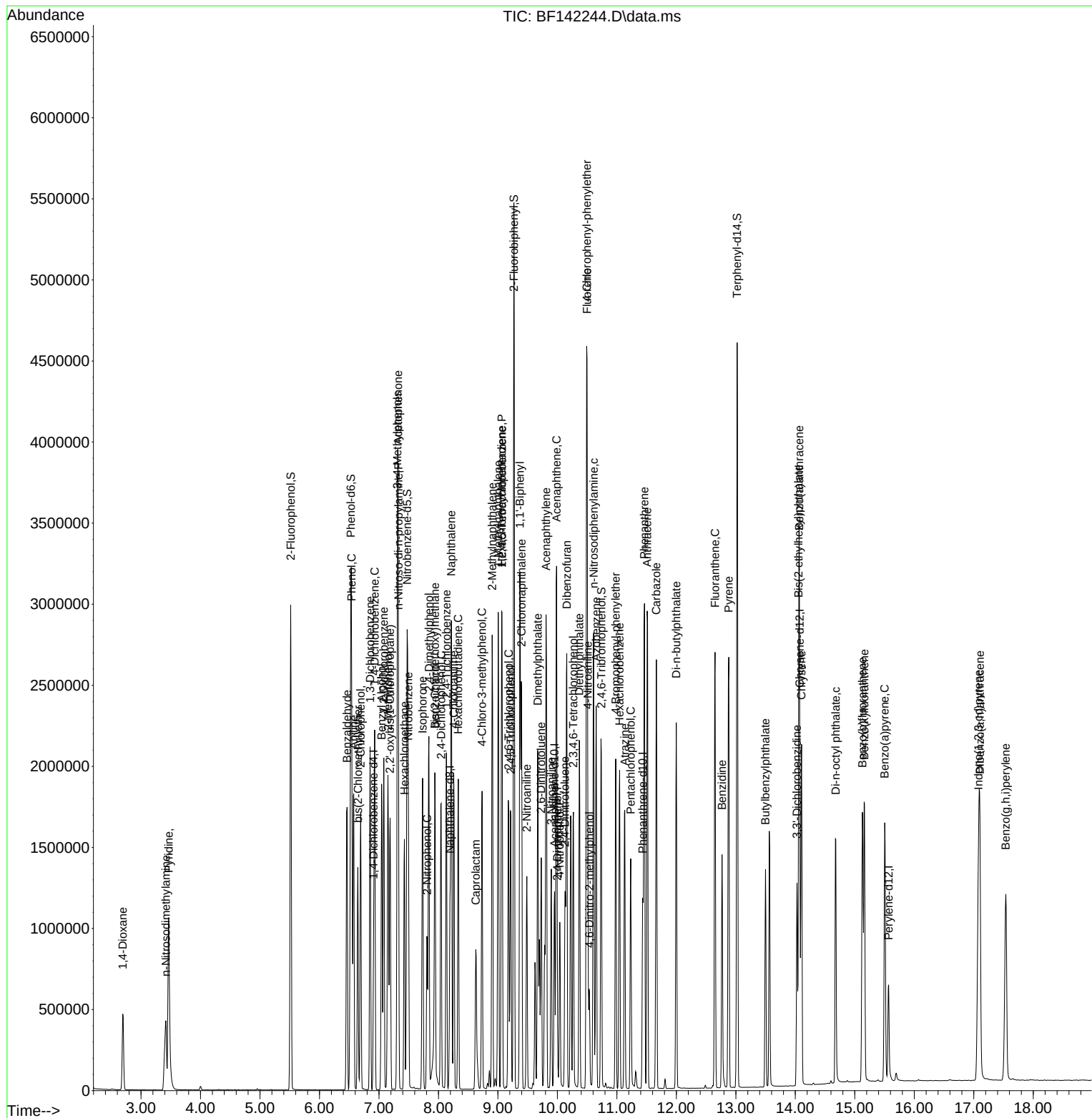
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 Data File : BF142244.D
 Acq On : 30 Apr 2025 13:46
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:43:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142245.D
 Acq On : 30 Apr 2025 14:15
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	187963	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	730767	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	379270	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	624729	20.000	ng	0.00
76) Chrysene-d12	14.080	240	328990	20.000	ng	0.00
86) Perylene-d12	15.568	264	361305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1364962	115.976	ng	0.00
7) Phenol-d6	6.528	99	1663210	117.026	ng	0.00
23) Nitrobenzene-d5	7.475	82	1488103	133.783	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	447862	129.531	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2777485	103.255	ng	0.00
79) Terphenyl-d14	13.022	244	2546694	112.585	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	312897	59.528	ng	99
3) Pyridine	3.469	79	823442	60.277	ng	98
4) n-Nitrosodimethylamine	3.422	42	431685	61.063	ng	98
6) Aniline	6.575	93	1184649	58.890	ng	100
8) 2-Chlorophenol	6.693	128	740327	60.874	ng	99
9) Benzaldehyde	6.463	77	559766	56.352	ng	98
10) Phenol	6.545	94	903976m	59.085	ng	
11) bis(2-Chloroethyl)ether	6.646	93	693997	58.532	ng	99
12) 1,3-Dichlorobenzene	6.851	146	787463	57.236	ng	99
13) 1,4-Dichlorobenzene	6.928	146	791509	57.102	ng	99
14) 1,2-Dichlorobenzene	7.081	146	764397	57.765	ng	99
15) Benzyl Alcohol	7.045	79	609871	60.504	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.187	45	1249716	58.370	ng	100
17) 2-Methylphenol	7.151	107	592171	59.438	ng	99
18) Hexachloroethane	7.428	117	275661	60.761	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	506389	57.660	ng	100
20) 3+4-Methylphenols	7.310	107	730966	58.670	ng	94
22) Acetophenone	7.322	105	943225	55.792	ng	97
24) Nitrobenzene	7.498	77	708847	64.948	ng	99
25) Isophorone	7.734	82	1371824	58.764	ng	100
26) 2-Nitrophenol	7.810	139	299107	61.132	ng	97
27) 2,4-Dimethylphenol	7.840	122	691268	58.731	ng	100
28) bis(2-Chloroethoxy)met...	7.940	93	847188	57.543	ng	100
29) 2,4-Dichlorophenol	8.045	162	596890	60.658	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	628720	57.256	ng	100
31) Naphthalene	8.216	128	2026390	55.603	ng	99
32) Benzoic acid	7.951	122	349577	59.198	ng	99
33) 4-Chloroaniline	8.263	127	868158	57.207	ng	99
34) Hexachlorobutadiene	8.334	225	373284	58.266	ng	100
35) Caprolactam	8.639	113	186124	62.928	ng	94
36) 4-Chloro-3-methylphenol	8.734	107	605133	59.887	ng	99
37) 2-Methylnaphthalene	8.904	142	1257822	56.136	ng	99
38) 1-Methylnaphthalene	9.004	142	1294318	55.760	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	607614	56.925	ng	100
41) Hexachlorocyclopentadiene	9.063	237	407387	67.248	ng	100
43) 2,4,6-Trichlorophenol	9.181	196	433323	65.514	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142245.D
 Acq On : 30 Apr 2025 14:15
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	422145	60.705	ng	98
46) 1,1'-Biphenyl	9.369	154	1632628	55.372	ng	100
47) 2-Chloronaphthalene	9.398	162	1234670	56.283	ng	99
48) 2-Nitroaniline	9.486	65	357897	60.490	ng	99
49) Acenaphthylene	9.810	152	2079452	56.175	ng	99
50) Dimethylphthalate	9.675	163	1395869	57.529	ng	100
51) 2,6-Dinitrotoluene	9.728	165	289353	60.986	ng	98
52) Acenaphthene	9.986	154	1219341	56.414	ng	99
53) 3-Nitroaniline	9.898	138	352271	61.278	ng	97
54) 2,4-Dinitrophenol	9.998	184	86520	61.133	ng	83
55) Dibenzofuran	10.157	168	1798627	55.513	ng	99
56) 4-Nitrophenol	10.045	139	261987	68.694	ng	98
57) 2,4-Dinitrotoluene	10.134	165	352001	60.964	ng	98
58) Fluorene	10.498	166	1348902	54.754	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	367314	63.765	ng	99
60) Diethylphthalate	10.369	149	1382905	57.717	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	648920	55.466	ng	97
62) 4-Nitroaniline	10.516	138	319292	61.243	ng	99
63) Azobenzene	10.651	77	1362906	57.603	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	132189	60.646	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1224189	57.351	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	413069	59.371	ng	100
68) Hexachlorobenzene	11.045	284	457317	58.689	ng	99
69) Atrazine	11.133	200	340471	60.513	ng	99
70) Pentachlorophenol	11.233	266	270497	65.710	ng	98
71) Phenanthrene	11.463	178	1864413	55.249	ng	100
72) Anthracene	11.516	178	1920817	55.673	ng	100
73) Carbazole	11.663	167	1751538	55.651	ng	100
74) Di-n-butylphthalate	11.998	149	1852105	58.511	ng	100
75) Fluoranthene	12.651	202	1794425	53.793	ng	98
77) Benzidine	12.769	184	883568	63.206	ng	99
78) Pyrene	12.880	202	1809576	59.627	ng	99
80) Butylbenzylphthalate	13.498	149	516723	61.167	ng	99
81) Benzo(a)anthracene	14.069	228	1299270	58.829	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	444901	68.582	ng	99
83) Chrysene	14.104	228	1181729	58.781	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	712716	61.002	ng	99
85) Di-n-octyl phthalate	14.680	149	1329733	61.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	1614650	61.012	ng	100
88) Benzo(b)fluoranthene	15.127	252	1275552	56.836	ng	99
89) Benzo(k)fluoranthene	15.163	252	1202952	58.601	ng	99
90) Benzo(a)pyrene	15.510	252	1232454	59.982	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	1292219	60.163	ng	99
92) Benzo(g,h,i)perylene	17.545	276	1315066	60.904	ng	99

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

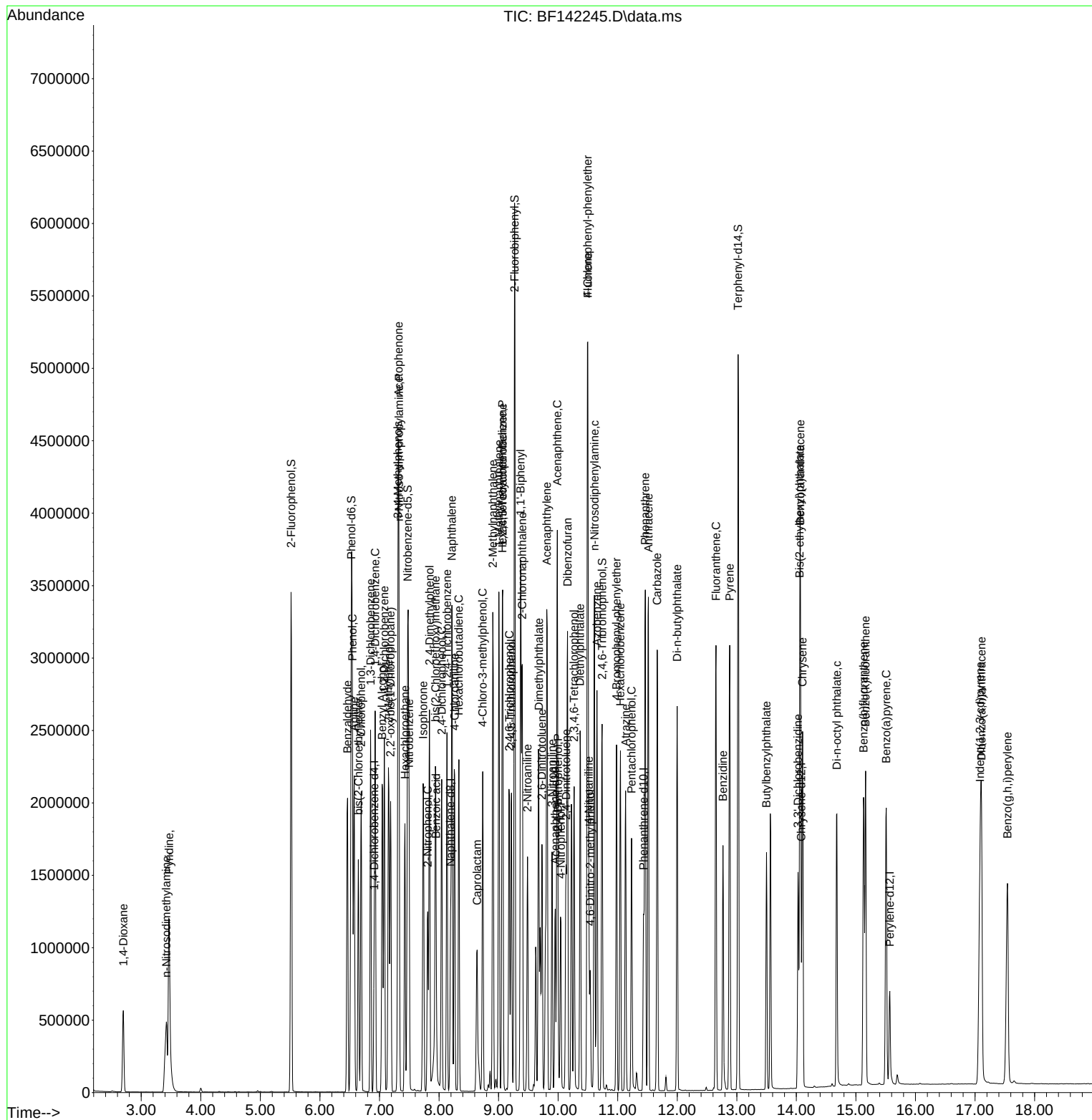
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Data File : BF142245.D
Acq On : 30 Apr 2025 14:15
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142246.D
 Acq On : 30 Apr 2025 14:43
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	192490	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	730774	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	381378	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	608907	20.000	ng	0.00
76) Chrysene-d12	14.080	240	323925	20.000	ng	0.00
86) Perylene-d12	15.568	264	374102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1741015	144.449	ng	0.00
7) Phenol-d6	6.534	99	2109624	144.946	ng	0.00
23) Nitrobenzene-d5	7.481	82	1929643	173.477	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	579431	166.657	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	3399868	125.694	ng	0.00
79) Terphenyl-d14	13.027	244	2993632	134.413	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	408111	75.816	ng	99
3) Pyridine	3.469	79	1062667	75.959	ng	99
4) n-Nitrosodimethylamine	3.434	42	562539	77.702	ng	98
6) Aniline	6.575	93	1525082	74.030	ng	99
8) 2-Chlorophenol	6.692	128	942996	75.716	ng	99
9) Benzaldehyde	6.463	77	673391	66.197	ng	99
10) Phenol	6.551	94	1130209m	72.134	ng	
11) bis(2-Chloroethyl)ether	6.651	93	871905	71.808	ng	99
12) 1,3-Dichlorobenzene	6.851	146	1000058	70.979	ng	99
13) 1,4-Dichlorobenzene	6.928	146	997448	70.267	ng	99
14) 1,2-Dichlorobenzene	7.081	146	966587	71.326	ng	99
15) Benzyl Alcohol	7.051	79	787715	76.310	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1573151	71.749	ng	99
17) 2-Methylphenol	7.157	107	757239	74.219	ng	100
18) Hexachloroethane	7.428	117	347325	74.757	ng	99
19) n-Nitroso-di-n-propyla...	7.334	70	650174	72.291	ng	99
20) 3+4-Methylphenols	7.316	107	897475	70.340	ng	# 87
22) Acetophenone	7.328	105	1180939	69.853	ng	97
24) Nitrobenzene	7.498	77	917286	84.046	ng	100
25) Isophorone	7.739	82	1758014	75.306	ng	99
26) 2-Nitrophenol	7.810	139	416387	79.254	ng	98
27) 2,4-Dimethylphenol	7.839	122	883922	75.098	ng	100
28) bis(2-Chloroethoxy)met...	7.945	93	1070383	72.702	ng	99
29) 2,4-Dichlorophenol	8.045	162	768570	78.103	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	797476	72.623	ng	100
31) Naphthalene	8.216	128	2508082	68.820	ng	99
32) Benzoic acid	7.969	122	523215m	83.328	ng	
33) 4-Chloroaniline	8.263	127	1084543	71.465	ng	99
34) Hexachlorobutadiene	8.333	225	471301	73.564	ng	100
35) Caprolactam	8.645	113	242414	81.958	ng	97
36) 4-Chloro-3-methylphenol	8.739	107	776483	76.844	ng	99
37) 2-Methylnaphthalene	8.910	142	1559858	69.615	ng	99
38) 1-Methylnaphthalene	9.010	142	1583955	68.237	ng	99
40) 1,2,4,5-Tetrachloroben...	9.075	216	757210	70.548	ng	100
41) Hexachlorocyclopentadiene	9.063	237	523186	85.886	ng	99
43) 2,4,6-Trichlorophenol	9.180	196	545358	81.996	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142246.D
 Acq On : 30 Apr 2025 14:43
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	557542	79.732	ng	99
46) 1,1'-Biphenyl	9.375	154	2006955	67.691	ng	99
47) 2-Chloronaphthalene	9.398	162	1547207	70.140	ng	99
48) 2-Nitroaniline	9.486	65	481954	79.390	ng	97
49) Acenaphthylene	9.816	152	2555385	68.650	ng	99
50) Dimethylphthalate	9.675	163	1757977	72.052	ng	99
51) 2,6-Dinitrotoluene	9.733	165	379127	78.246	ng	97
52) Acenaphthene	9.986	154	1517991	69.843	ng	99
53) 3-Nitroaniline	9.904	138	456571	78.061	ng	96
54) 2,4-Dinitrophenol	10.004	184	129817	79.532	ng	# 28
55) Dibenzofuran	10.157	168	2237085	68.664	ng	98
56) 4-Nitrophenol	10.045	139	335015	87.357	ng	97
57) 2,4-Dinitrotoluene	10.133	165	467545	78.915	ng	99
58) Fluorene	10.498	166	1634486	65.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	465050	80.286	ng	99
60) Diethylphthalate	10.375	149	1717661	71.292	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	802224	68.190	ng	98
62) 4-Nitroaniline	10.522	138	410928	77.614	ng	98
63) Azobenzene	10.651	77	1674434	70.379	ng	99
65) 4,6-Dinitro-2-methylph...	10.545	198	183184	81.749	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1518420	72.983	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	514462	75.866	ng	97
68) Hexachlorobenzene	11.045	284	577203	75.999	ng	98
69) Atrazine	11.133	200	423886	77.296	ng	99
70) Pentachlorophenol	11.233	266	350009	87.235	ng	99
71) Phenanthrene	11.463	178	2288481	69.578	ng	99
72) Anthracene	11.516	178	2336551	69.482	ng	100
73) Carbazole	11.663	167	2087769	68.058	ng	99
74) Di-n-butylphthalate	11.998	149	2221417	72.002	ng	100
75) Fluoranthene	12.651	202	2137636	65.747	ng	98
77) Benzidine	12.768	184	1049467	76.247	ng	99
78) Pyrene	12.880	202	2118847	70.910	ng	99
80) Butylbenzylphthalate	13.498	149	659574	78.197	ng	98
81) Benzo(a)anthracene	14.068	228	1586778	72.970	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	563738	88.259	ng	99
83) Chrysene	14.104	228	1474094	74.470	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	915684	78.547	ng	100
85) Di-n-octyl phthalate	14.680	149	1722215	78.594	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	2128475	77.677	ng	99
88) Benzo(b)fluoranthene	15.133	252	1798083	77.378	ng	99
89) Benzo(k)fluoranthene	15.162	252	1439304	67.716	ng	100
90) Benzo(a)pyrene	15.509	252	1610193	75.685	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	1712182	76.989	ng	99
92) Benzo(g,h,i)perylene	17.551	276	1738450	77.757	ng	99

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

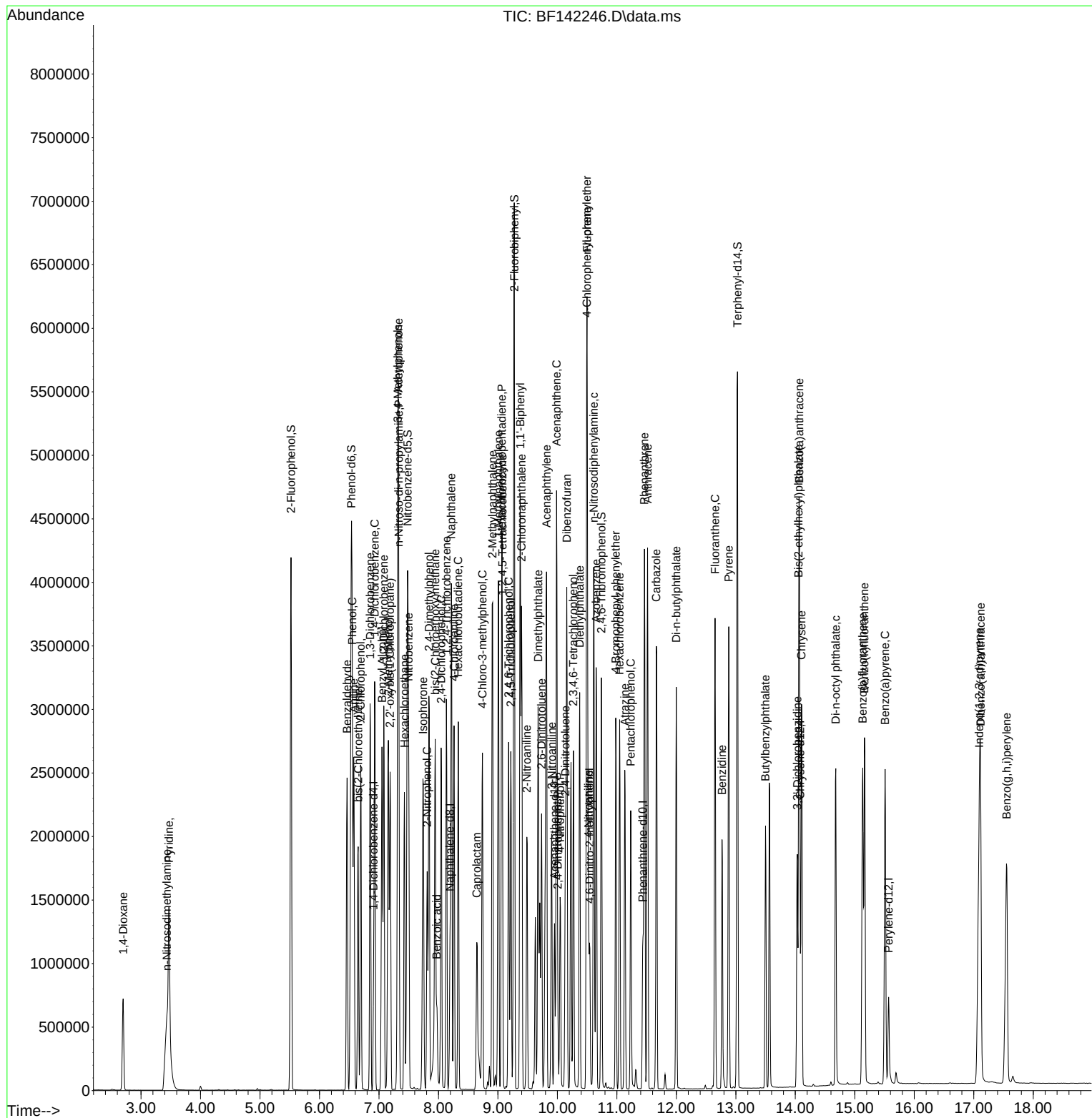
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 Acq On : 30 Apr 2025 14:43
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 16:36:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 30 16:00:01 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	185327	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	725482	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381170	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	633040	20.000	ng	0.00
76) Chrysene-d12	14.074	240	345729	20.000	ng	0.00
86) Perylene-d12	15.562	264	342826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	987704	85.116	ng	0.00
7) Phenol-d6	6.522	99	1201328	85.730	ng	0.00
23) Nitrobenzene-d5	7.469	82	1091522	98.845	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	323319	93.044	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2157499	79.807	ng	0.00
79) Terphenyl-d14	13.021	244	2037561	85.716	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	219939	42.438	ng	98
3) Pyridine	3.469	79	572034	42.469	ng	99
4) n-Nitrosodimethylamine	3.416	42	299316	42.942	ng	96
6) Aniline	6.569	93	844910	42.598	ng	99
8) 2-Chlorophenol	6.692	128	530021	44.202	ng	98
9) Benzaldehyde	6.457	77	420408	42.925	ng	99
10) Phenol	6.539	94	645155m	42.765	ng	
11) bis(2-Chloroethyl)ether	6.639	93	494843	42.329	ng	98
12) 1,3-Dichlorobenzene	6.851	146	567280	41.819	ng	99
13) 1,4-Dichlorobenzene	6.928	146	572974	41.924	ng	100
14) 1,2-Dichlorobenzene	7.081	146	551216	42.247	ng	99
15) Benzyl Alcohol	7.045	79	431108	43.378	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	901053	42.684	ng	99
17) 2-Methylphenol	7.151	107	415403	42.288	ng	98
18) Hexachloroethane	7.422	117	197959	44.255	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	363621	41.992	ng	99
20) 3+4-Methylphenols	7.304	107	539514	43.919	ng	98
22) Acetophenone	7.316	105	695539	41.441	ng	98
24) Nitrobenzene	7.492	77	513604	47.402	ng	99
25) Isophorone	7.728	82	968502	41.789	ng	100
26) 2-Nitrophenol	7.804	139	219881	48.175	ng	100
27) 2,4-Dimethylphenol	7.833	122	502502	43.004	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	610669	41.780	ng	99
29) 2,4-Dichlorophenol	8.039	162	429967	44.013	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	454848	41.724	ng	100
31) Naphthalene	8.216	128	1483568	41.005	ng	100
32) Benzoic acid	7.933	122	246172m	45.113	ng	
33) 4-Chloroaniline	8.257	127	622894	41.344	ng	100
34) Hexachlorobutadiene	8.333	225	267940	42.127	ng	99
35) Caprolactam	8.622	113	130473	44.434	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	436215	43.485	ng	100
37) 2-Methylnaphthalene	8.904	142	915474	41.155	ng	100
38) 1-Methylnaphthalene	9.004	142	950163	41.232	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	443561	41.349	ng	100
41) Hexachlorocyclopentadiene	9.057	237	288102	47.321	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	303872	45.713	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	312237	44.676	ng	99
46) 1,1'-Biphenyl	9.369	154	1213047	40.936	ng	100
47) 2-Chloronaphthalene	9.392	162	903974	41.003	ng	99
48) 2-Nitroaniline	9.480	65	269528	46.523	ng	95
49) Acenaphthylene	9.810	152	1533164	41.211	ng	100
50) Dimethylphthalate	9.669	163	1025498	42.054	ng	100
51) 2,6-Dinitrotoluene	9.727	165	211107	45.376	ng	96
52) Acenaphthene	9.980	154	904325	41.631	ng	99
53) 3-Nitroaniline	9.892	138	257926	45.509	ng	96
54) 2,4-Dinitrophenol	9.992	184	62568	49.090	ng	# 6
55) Dibenzofuran	10.151	168	1340934	41.181	ng	100
56) 4-Nitrophenol	10.033	139	191463	49.952	ng	99
57) 2,4-Dinitrotoluene	10.127	165	265412	46.994	ng	96
58) Fluorene	10.492	166	1008032	40.714	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	264709	45.724	ng	100
60) Diethylphthalate	10.369	149	1016722	42.222	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	477688	40.626	ng	99
62) 4-Nitroaniline	10.504	138	232165	45.070	ng	98
63) Azobenzene	10.645	77	984443	41.400	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	96341	46.598	ng	95
66) n-Nitrosodiphenylamine	10.604	169	904466	41.816	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	299605	42.497	ng	98
68) Hexachlorobenzene	11.039	284	330048	41.800	ng	97
69) Atrazine	11.127	200	255030	44.732	ng	99
70) Pentachlorophenol	11.233	266	197476	47.342	ng	99
71) Phenanthrene	11.457	178	1400439	40.955	ng	100
72) Anthracene	11.510	178	1463247	41.854	ng	100
73) Carbazole	11.663	167	1332856	41.793	ng	99
74) Di-n-butylphthalate	11.992	149	1412919	44.051	ng	100
75) Fluoranthene	12.645	202	1409189	41.690	ng	99
77) Benzidine	12.768	184	682155	46.435	ng	99
78) Pyrene	12.874	202	1405875	44.082	ng	100
80) Butylbenzylphthalate	13.492	149	371146	42.984	ng	98
81) Benzo(a)anthracene	14.062	228	960484	41.383	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	310153	45.495	ng	98
83) Chrysene	14.098	228	890671	42.158	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	487122	40.882	ng	99
85) Di-n-octyl phthalate	14.674	149	889844	41.178	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1098774	43.757	ng	99
88) Benzo(b)fluoranthene	15.121	252	860370	40.403	ng	100
89) Benzo(k)fluoranthene	15.157	252	811540	41.665	ng	99
90) Benzo(a)pyrene	15.498	252	826250	42.380	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	887855	43.565	ng	99
92) Benzo(g,h,i)perylene	17.527	276	899474	43.902	ng	99

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

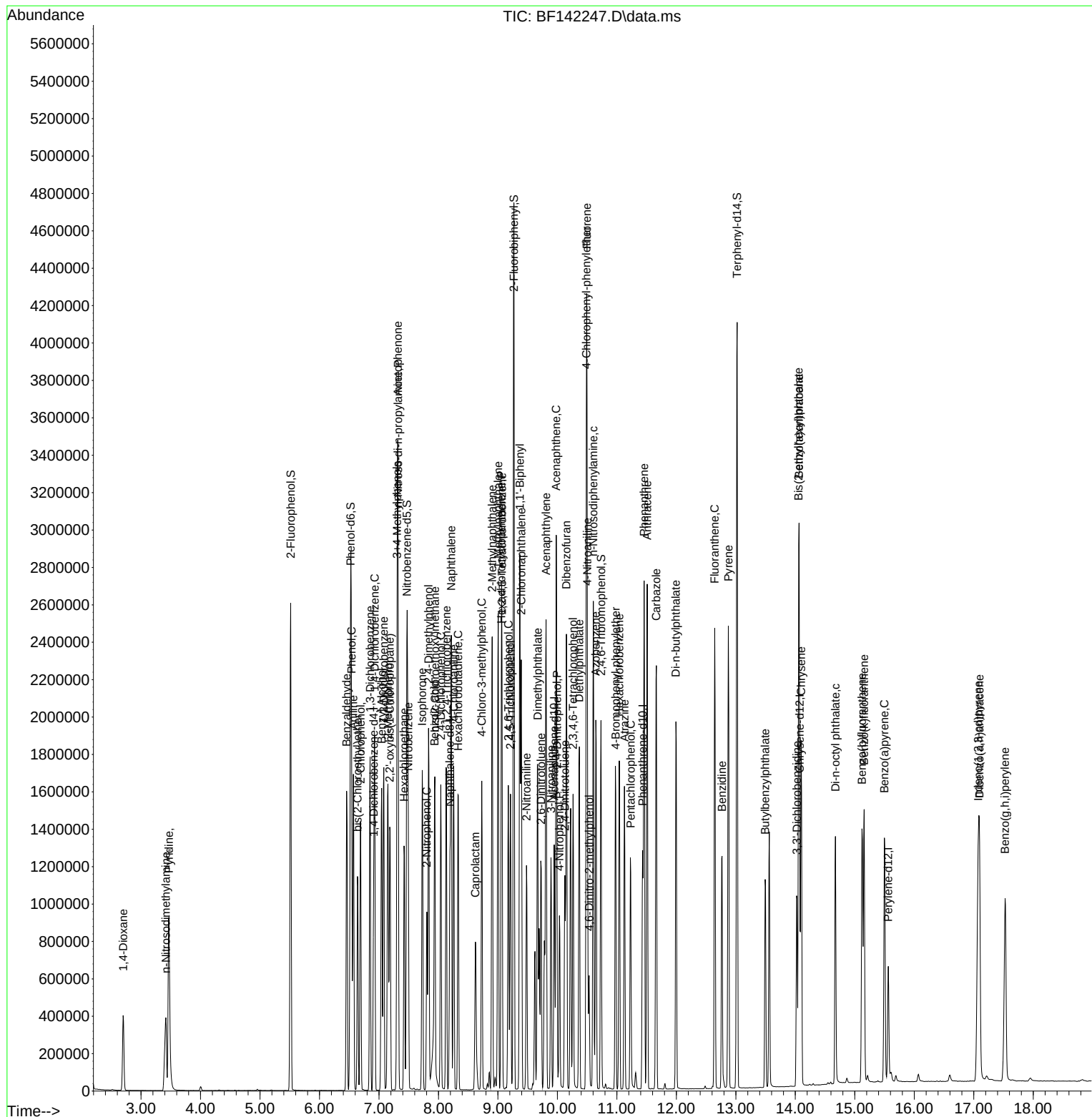
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Data File : BF142247.D  
Acq On    : 30 Apr 2025  16:17  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 11    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Manual Integrations

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	0.559	0.593	-6.1	103	0.00
3	Pyridine	1.454	1.543	-6.1	104	0.00
4	n-Nitrosodimethylamine	0.752	0.808	-7.4	103	0.00
5 S	2-Fluorophenol	1.252	1.332	-6.4	104	0.00
6	Aniline	2.140	2.280	-6.5	105	0.00
7 S	Phenol-d6	1.512	1.621	-7.2	105	0.00
8	2-Chlorophenol	1.294	1.430	-10.5	107	0.00
9	Benzaldehyde	1.057	1.134	-7.3	105	0.00
10 C	Phenol	1.628	1.741	-6.9	105	0.00
11	bis(2-Chloroethyl)ether	1.262	1.335	-5.8	104	0.00
12	1,3-Dichlorobenzene	1.464	1.530	-4.5	103	0.00
13 C	1,4-Dichlorobenzene	1.475	1.546	-4.8	103	0.00
14	1,2-Dichlorobenzene	1.408	1.487	-5.6	104	0.00
15	Benzyl Alcohol	1.073	1.163	-8.4	104	0.00
16	2,2'-oxybis(1-Chloropropane	2.278	2.431	-6.7	105	0.00
17	2-Methylphenol	1.060	1.121	-5.8	103	0.00
18	Hexachloroethane	0.483	0.534	-10.6	108	0.00
19 P	n-Nitroso-di-n-propylamine	0.934	0.981	-5.0	104	0.00
20	3+4-Methylphenols	1.326	1.456	-9.8	107	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22	Acetophenone	0.463	0.479	-3.5	105	0.00
23 S	Nitrobenzene-d5	0.304	0.376	-23.7	114	0.00
24	Nitrobenzene	0.299	0.354	-18.4	111	0.00
25	Isophorone	0.639	0.667	-4.4	104	0.00
26 C	2-Nitrophenol	0.102	0.152	-49.0#	135	0.00
27	2,4-Dimethylphenol	0.322	0.346	-7.5	106	0.00
28	bis(2-Chloroethoxy)methane	0.403	0.421	-4.5	104	0.00
29 C	2,4-Dichlorophenol	0.269	0.296	-10.0	105	0.00
30	1,2,4-Trichlorobenzene	0.301	0.313	-4.0	103	0.00
31	Naphthalene	0.997	1.022	-2.5	103	0.00
32	Benzoic acid	0.125	0.170	-36.0#	134	0.00
33	4-Chloroaniline	0.415	0.429	-3.4	103	0.00
34 C	Hexachlorobutadiene	0.175	0.185	-5.7	103	0.00
35	Caprolactam	0.081	0.090	-11.1	106	0.00
36 C	4-Chloro-3-methylphenol	0.277	0.301	-8.7	105	0.00
37	2-Methylnaphthalene	0.613	0.631	-2.9	104	0.00
38	1-Methylnaphthalene	0.635	0.655	-3.1	103	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	0.563	0.582	-3.4	104	0.00
41 P	Hexachlorocyclopentadiene	0.319	0.378	-18.5	110	0.00
42 S	2,4,6-Tribromophenol	0.182	0.212	-16.5	107	0.00
43 C	2,4,6-Trichlorophenol	0.349	0.399	-14.3	111	0.00
44	2,4,5-Trichlorophenol	0.367	0.410	-11.7	104	0.00
45 S	2-Fluorobiphenyl	1.418	1.415	0.2	103	0.00
46	1,1'-Biphenyl	1.555	1.591	-2.3	103	0.00
47	2-Chloronaphthalene	1.157	1.186	-2.5	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	0.249	0.354	-42.2#	123	0.00
49	Acenaphthylene	1.952	2.011	-3.0	103	0.00
50	Dimethylphthalate	1.280	1.345	-5.1	105	0.00
51	2,6-Dinitrotoluene	0.204	0.277	-35.8#	118	0.00
52 C	Acenaphthene	1.140	1.186	-4.0	104	0.00
53	3-Nitroaniline	0.257	0.338	-31.5#	117	0.00
54 P	2,4-Dinitrophenol	0.058	0.082	-41.4#	148	0.00
55	Dibenzofuran	1.709	1.759	-2.9	104	0.00
56 P	4-Nitrophenol	0.201	0.251	-24.9	120	0.00
57	2,4-Dinitrotoluene	0.239	0.348	-45.6#	126	0.00
58	Fluorene	1.299	1.322	-1.8	103	0.00
59	2,3,4,6-Tetrachlorophenol	0.304	0.347	-14.1	107	0.00
60	Diethylphthalate	1.263	1.334	-5.6	104	0.00
61	4-Chlorophenyl-phenylether	0.617	0.627	-1.6	102	0.00
62	4-Nitroaniline	0.238	0.305	-28.2#	115	0.00
63	Azobenzene	1.248	1.291	-3.4	104	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	0.054	0.076	-40.7#	142	0.00
66 c	n-Nitrosodiphenylamine	0.683	0.714	-4.5	103	0.00
67	4-Bromophenyl-phenylether	0.223	0.237	-6.3	103	0.00
68	Hexachlorobenzene	0.249	0.261	-4.8	103	0.00
69	Atrazine	0.180	0.201	-11.7	109	0.00
70 C	Pentachlorophenol	0.132	0.156	-18.2	111	0.00
71	Phenanthrene	1.080	1.106	-2.4	102	0.00
72	Anthracene	1.105	1.156	-4.6	105	0.00
73	Carbazole	1.008	1.053	-4.5	105	0.00
74	Di-n-butylphthalate	1.013	1.116	-10.2	107	0.00
75 C	Fluoranthene	1.068	1.113	-4.2	105	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	104	0.00
77	Benzidine	0.850	0.987	-16.1	107	0.00
78	Pyrene	1.845	2.033	-10.2	105	0.00
79 S	Terphenyl-d14	1.375	1.473	-7.1	104	0.00
80	Butylbenzylphthalate	0.425	0.537	-26.4#	111	0.00
81	Benzo(a)anthracene	1.343	1.389	-3.4	101	0.00
82	3,3'-Dichlorobenzidine	0.394	0.449	-14.0	106	0.00
83	Chrysene	1.222	1.288	-5.4	109	0.00
84	Bis(2-ethylhexyl)phthalate	0.604	0.704	-16.6	106	0.00
85 c	Di-n-octyl phthalate	1.133	1.287	-13.6	106	0.00
86 I	Perylene-d12	1.000	1.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	1.465	1.603	-9.4	104	0.00
88	Benzo(b)fluoranthene	1.242	1.255	-1.0	101	0.00
89	Benzo(k)fluoranthene	1.136	1.184	-4.2	108	0.00
90 C	Benzo(a)pyrene	1.137	1.205	-6.0	105	0.00
91	Dibenzo(a,h)anthracene	1.189	1.295	-8.9	103	0.00
92	Benzo(g,h,i)perylene	1.195	1.312	-9.8	105	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	103	0.00
2	1,4-Dioxane	40.000	42.438	-6.1	103	0.00
3	Pyridine	40.000	42.469	-6.2	104	0.00
4	n-Nitrosodimethylamine	40.000	42.942	-7.4	103	0.00
5 S	2-Fluorophenol	80.000	85.116	-6.4	104	0.00
6	Aniline	40.000	42.598	-6.5	105	0.00
7 S	Phenol-d6	80.000	85.730	-7.2	105	0.00
8	2-Chlorophenol	40.000	44.202	-10.5	107	0.00
9	Benzaldehyde	40.000	42.925	-7.3	105	0.00
10 C	Phenol	40.000	42.765	-6.9	105	0.00
11	bis(2-Chloroethyl)ether	40.000	42.329	-5.8	104	0.00
12	1,3-Dichlorobenzene	40.000	41.819	-4.5	103	0.00
13 C	1,4-Dichlorobenzene	40.000	41.924	-4.8	103	0.00
14	1,2-Dichlorobenzene	40.000	42.247	-5.6	104	0.00
15	Benzyl Alcohol	40.000	43.378	-8.4	104	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.684	-6.7	105	0.00
17	2-Methylphenol	40.000	42.288	-5.7	103	0.00
18	Hexachloroethane	40.000	44.255	-10.6	108	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.992	-5.0	104	0.00
20	3+4-Methylphenols	40.000	43.919	-9.8	107	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22	Acetophenone	40.000	41.441	-3.6	105	0.00
23 S	Nitrobenzene-d5	80.000	98.845	-23.6	114	0.00
24	Nitrobenzene	40.000	47.402	-18.5	111	0.00
25	Isophorone	40.000	41.789	-4.5	104	0.00
26 C	2-Nitrophenol	40.000	48.175	-20.4#	135	0.00
27	2,4-Dimethylphenol	40.000	43.004	-7.5	106	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.780	-4.5	104	0.00
29 C	2,4-Dichlorophenol	40.000	44.013	-10.0	105	0.00
30	1,2,4-Trichlorobenzene	40.000	41.724	-4.3	103	0.00
31	Naphthalene	40.000	41.005	-2.5	103	0.00
32	Benzoic acid	40.000	45.113	-12.8	134	0.00
33	4-Chloroaniline	40.000	41.344	-3.4	103	0.00
34 C	Hexachlorobutadiene	40.000	42.127	-5.3	103	0.00
35	Caprolactam	40.000	44.434	-11.1	106	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.485	-8.7	105	0.00
37	2-Methylnaphthalene	40.000	41.155	-2.9	104	0.00
38	1-Methylnaphthalene	40.000	41.232	-3.1	103	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.349	-3.4	104	0.00
41 P	Hexachlorocyclopentadiene	40.000	47.321	-18.3	110	0.00
42 S	2,4,6-Tribromophenol	80.000	93.044	-16.3	107	0.00
43 C	2,4,6-Trichlorophenol	40.000	45.713	-14.3	111	0.00
44	2,4,5-Trichlorophenol	40.000	44.676	-11.7	104	0.00
45 S	2-Fluorobiphenyl	80.000	79.807	0.2	103	0.00
46	1,1'-Biphenyl	40.000	40.936	-2.3	103	0.00
47	2-Chloronaphthalene	40.000	41.003	-2.5	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	46.523	-16.3	123	0.00
49	Acenaphthylene	40.000	41.211	-3.0	103	0.00
50	Dimethylphthalate	40.000	42.054	-5.1	105	0.00
51	2,6-Dinitrotoluene	40.000	45.376	-13.4	118	0.00
52 C	Acenaphthene	40.000	41.631	-4.1	104	0.00
53	3-Nitroaniline	40.000	45.509	-13.8	117	0.00
54 P	2,4-Dinitrophenol	40.000	49.090	-22.7	148	0.00
55	Dibenzofuran	40.000	41.181	-3.0	104	0.00
56 P	4-Nitrophenol	40.000	49.952	-24.9	120	0.00
57	2,4-Dinitrotoluene	40.000	46.994	-17.5	126	0.00
58	Fluorene	40.000	40.714	-1.8	103	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	45.724	-14.3	107	0.00
60	Diethylphthalate	40.000	42.222	-5.6	104	0.00
61	4-Chlorophenyl-phenylether	40.000	40.626	-1.6	102	0.00
62	4-Nitroaniline	40.000	45.070	-12.7	115	0.00
63	Azobenzene	40.000	41.400	-3.5	104	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	40.000	46.598	-16.5	142	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.816	-4.5	103	0.00
67	4-Bromophenyl-phenylether	40.000	42.497	-6.2	103	0.00
68	Hexachlorobenzene	40.000	41.800	-4.5	103	0.00
69	Atrazine	40.000	44.732	-11.8	109	0.00
70 C	Pentachlorophenol	40.000	47.342	-18.4	111	0.00
71	Phenanthrene	40.000	40.955	-2.4	102	0.00
72	Anthracene	40.000	41.854	-4.6	105	0.00
73	Carbazole	40.000	41.793	-4.5	105	0.00
74	Di-n-butylphthalate	40.000	44.051	-10.1	107	0.00
75 C	Fluoranthene	40.000	41.690	-4.2	105	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	104	0.00
77	Benzydine	40.000	46.435	-16.1	107	0.00
78	Pyrene	40.000	44.082	-10.2	105	0.00
79 S	Terphenyl-d14	80.000	85.716	-7.1	104	0.00
80	Butylbenzylphthalate	40.000	42.984	-7.5	111	0.00
81	Benzo(a)anthracene	40.000	41.383	-3.5	101	0.00
82	3,3'-Dichlorobenzidine	40.000	45.495	-13.7	106	0.00
83	Chrysene	40.000	42.158	-5.4	109	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.882	-2.2	106	0.00
85 c	Di-n-octyl phthalate	40.000	41.178	-2.9	106	0.00
86 I	Perylene-d12	20.000	20.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.757	-9.4	104	0.00
88	Benzo(b)fluoranthene	40.000	40.403	-1.0	101	0.00
89	Benzo(k)fluoranthene	40.000	41.665	-4.2	108	0.00
90 C	Benzo(a)pyrene	40.000	42.380	-6.0	105	0.00
91	Dibenzo(a,h)anthracene	40.000	43.565	-8.9	103	0.00
92	Benzo(g,h,i)perylene	40.000	43.902	-9.8	105	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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



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.: Q1929 SAS No.: Q1929 SDG No.: Q1929
 Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025
 Calibration Time(s): 12:30 17:04

LAB FILE ID:		RRF2.5 = BM050024.D		RRF005 = BM050025.D		RRF010 = BM050026.D			
		RRF020 = BM050027.D		RRF040 = BM050028.D		RRF050 = BM050029.D			
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD	
Pyridine		1.201	1.166	1.229	1.331	1.328	1.258	5.0	
2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.142	5.0	
Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.436	7.1	
1,4-Dichlorobenzene		1.518	1.418	1.463	1.561	1.557	1.499	3.6	
2-Methylphenol		0.857	0.893	0.931	1.033	1.026	0.957	7.0	
3+4-Methylphenols		1.137	1.170	1.267	1.393	1.392	1.293	8.1	
Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.406	5.7	
Hexachloroethane		0.552	0.508	0.521	0.556	0.548	0.533	3.8	
Nitrobenzene		0.337	0.325	0.345	0.374	0.372	0.351	5.2	
Hexachlorobutadiene		0.253	0.240	0.249	0.270	0.270	0.258	4.3	
2,4,6-Trichlorophenol		0.372	0.381	0.423	0.476	0.485	0.439	10.8	
2-Fluorobiphenyl		1.588	1.555	1.632	1.807	1.822	1.691	6.2	
2,4,5-Trichlorophenol		0.410	0.417	0.453	0.517	0.519	0.474	9.8	
2,4-Dinitrotoluene		0.338	0.366	0.412	0.456	0.468	0.418	11.7	
2,4,6-Tribromophenol		0.253	0.249	0.281	0.318	0.329	0.296	11.6	
Hexachlorobenzene		0.265	0.251	0.264	0.294	0.295	0.279	6.5	
Pentachlorophenol			0.117	0.141	0.167	0.172	0.157	14.5	
Terphenyl-d14		1.176	1.189	1.332	1.524	1.541	1.352	11.6	

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM042825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Apr 28 18:09:16 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BM050024.D 5 =BM050025.D 10 =BM050026.D 20 =BM050027.D 40 =BM050028.D 50 =BM050029.D 60 =BM050030.D 80 =BM050031.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.506	0.464	0.478	0.511	0.504	0.491	0.473	0.490		3.75
3)	Pyridine	1.201	1.166	1.229	1.331	1.328	1.292	1.261	1.258		5.03
4)	n-Nitrosodimet...	0.487	0.459	0.475	0.522	0.518	0.504	0.490	0.493		4.62
5) S	2-Fluorophenol	1.074	1.079	1.107	1.208	1.211	1.173	1.142	1.142		5.04
6)	Aniline	1.657	1.689	1.768	1.942	1.922	1.875	1.835	1.813		6.16
7) S	Phenol-d6	1.290	1.318	1.398	1.543	1.537	1.494	1.469	1.436		7.13
8)	2-Chlorophenol	1.169	1.161	1.198	1.312	1.301	1.268	1.235	1.235		4.96
9)	Benzaldehyde	0.940	0.920	0.971	1.031	1.013	0.956	0.894	0.961		5.08
10) C	Phenol	1.349	1.344	1.420	1.539	1.537	1.501	1.483	1.453		5.73
11)	bis(2-Chloroet...	1.213	1.105	1.176	1.279	1.271	1.233	1.218	1.213		4.90
12)	1,3-Dichlorobe...	1.483	1.428	1.453	1.566	1.552	1.508	1.453	1.492		3.51
13) C	1,4-Dichlorobe...	1.518	1.418	1.463	1.561	1.557	1.516	1.458	1.499		3.60
14)	1,2-Dichlorobe...	1.420	1.393	1.423	1.522	1.506	1.464	1.405	1.448		3.50
15)	Benzyl Alcohol	0.866	0.881	0.966	1.080	1.074	1.050	1.050	0.996		9.16
16)	2,2'-oxybis(1-...	1.487	1.422	1.445	1.552	1.513	1.473	1.433	1.475		3.17
17)	2-Methylphenol	0.857	0.893	0.931	1.033	1.026	0.988	0.975	0.957		6.96
18)	Hexachloroethane	0.552	0.508	0.521	0.556	0.548	0.533	0.510	0.533		3.79
19) P	n-Nitroso-di-n...	0.802	0.889	0.885	0.921	1.003	0.988	0.949	0.928	0.921	6.95
20)	3+4-Methylphenols	1.137	1.170	1.267	1.393	1.392	1.349	1.341	1.293		8.09
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.483	0.464	0.485	0.531	0.525	0.506	0.487	0.497		4.94
23) S	Nitrobenzene-d5	0.386	0.374	0.397	0.434	0.433	0.417	0.400	0.406		5.68
24)	Nitrobenzene	0.337	0.325	0.345	0.374	0.372	0.358	0.346	0.351		5.16
25)	Isophorone	0.666	0.648	0.680	0.729	0.729	0.704	0.687	0.692		4.44
26) C	2-Nitrophenol	0.148	0.157	0.172	0.196	0.198	0.192	0.191	0.179		11.33
27)	2,4-Dimethylph...	0.263	0.266	0.289	0.324	0.322	0.312	0.305	0.297		8.42
28)	bis(2-Chloroet...	0.407	0.399	0.422	0.455	0.452	0.434	0.425	0.428		4.92
29) C	2,4-Dichloroph...	0.294	0.298	0.326	0.362	0.359	0.351	0.342	0.333		8.47
30)	1,2,4-Trichlor...	0.400	0.384	0.394	0.427	0.426	0.412	0.399	0.406		4.02
31)	Naphthalene	1.001	0.959	0.993	1.066	1.057	1.023	0.989	1.013		3.80
32)	Benzoic acid		0.138	0.172	0.197	0.206	0.212	0.215	0.190		15.67
33)	4-Chloroaniline	0.361	0.393	0.404	0.441	0.448	0.437	0.423	0.415		7.51
34) C	Hexachlorobuta...	0.253	0.240	0.249	0.270	0.270	0.263	0.258	0.258		4.34
35)	Caprolactam	0.090	0.085	0.095	0.104	0.104	0.102	0.100	0.097		7.73
36) C	4-Chloro-3-met...	0.289	0.283	0.302	0.325	0.329	0.317	0.309	0.308		5.72
37)	2-Methylnaphth...	0.656	0.639	0.662	0.713	0.714	0.692	0.678	0.679		4.22
38)	1-Methylnaphth...	0.703	0.675	0.708	0.753	0.751	0.731	0.710	0.719		3.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM042825.M

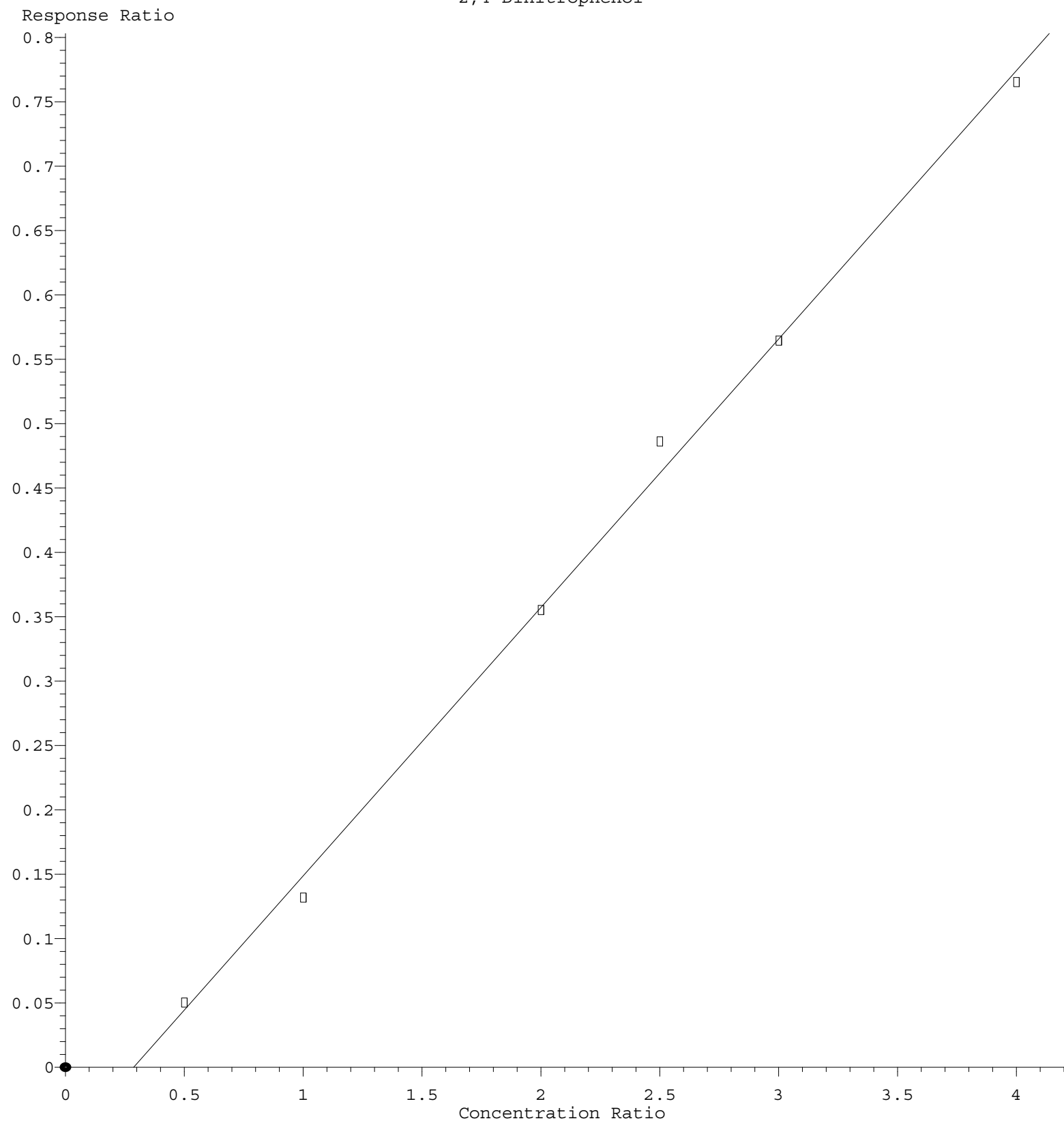
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17	
41) P	Hexachlorocycl...	0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30		
42) S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61	
43) C	2,4,6-Trichlor...	0.372	0.381	0.423	0.476	0.485	0.467	0.469	0.439	10.76	
44)	2,4,5-Trichlor...	0.410	0.417	0.453	0.517	0.519	0.501	0.497	0.474	9.83	
45) S	2-Fluorobiphenyl	1.588	1.555	1.632	1.807	1.822	1.744	1.688	1.691	6.21	
46)	1,1'-Biphenyl	1.427	1.395	1.452	1.573	1.581	1.507	1.473	1.487	4.77	
47)	2-Chloronaphth...	1.126	1.112	1.155	1.250	1.248	1.192	1.158	1.177	4.69	
48)	2-Nitroaniline	0.238	0.242	0.269	0.302	0.304	0.294	0.286	0.276	9.96	
49)	Acenaphthylene	1.794	1.715	1.810	1.972	1.971	1.889	1.845	1.857	5.10	
50)	Dimethylphthalate	1.444	1.377	1.437	1.532	1.543	1.470	1.429	1.462	4.02	
51)	2,6-Dinitrotol...	0.266	0.271	0.299	0.327	0.331	0.316	0.309	0.303	8.50	
52) C	Acenaphthene	1.038	0.998	1.046	1.133	1.145	1.094	1.067	1.075	4.93	
53)	3-Nitroaniline	0.233	0.247	0.284	0.321	0.325	0.311	0.302	0.289	12.47	
54) P	2,4-Dinitrophenol	0.100	0.132	0.178	0.194	0.188	0.191	0.164	23.65		
55)	Dibenzofuran	1.749	1.681	1.749	1.876	1.888	1.810	1.763	1.788	4.17	
56) P	4-Nitrophenol	0.128	0.180	0.224	0.237	0.231	0.231	0.205	20.96		
57)	2,4-Dinitrotol...	0.338	0.366	0.412	0.456	0.468	0.447	0.440	0.418	11.72	
58)	Fluorene	1.387	1.343	1.431	1.558	1.573	1.500	1.453	1.463	5.84	
59)	2,3,4,6-Tetrac...	0.366	0.362	0.398	0.435	0.445	0.432	0.431	0.410	8.44	
60)	Diethylphthalate	1.372	1.301	1.380	1.433	1.451	1.376	1.328	1.377	3.86	
61)	4-Chlorophenyl...	0.741	0.716	0.770	0.857	0.871	0.836	0.836	0.804	7.58	
62)	4-Nitroaniline	0.208	0.234	0.277	0.313	0.321	0.301	0.295	0.279	15.17	
63)	Azobenzene	1.118	1.091	1.150	1.216	1.229	1.165	1.110	1.154	4.59	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.088	0.110	0.135	0.142	0.138	0.137	0.125	17.16		
66) c	n-Nitrosodiphe...	0.580	0.572	0.596	0.655	0.657	0.629	0.610	0.614	5.56	
67)	4-Bromophenyl-...	0.223	0.216	0.229	0.258	0.258	0.256	0.253	0.242	7.60	
68)	Hexachlorobenzene	0.265	0.251	0.264	0.294	0.295	0.291	0.291	0.279	6.49	
69)	Atrazine	0.196	0.198	0.214	0.236	0.242	0.234	0.230	0.222	8.47	
70) C	Pentachlorophenol	0.117	0.141	0.167	0.172	0.170	0.174	0.157	14.52		
71)	Phenanthrene	1.075	1.035	1.083	1.187	1.212	1.173	1.132	1.128	5.84	
72)	Anthracene	1.062	1.038	1.096	1.214	1.236	1.191	1.154	1.142	6.78	
73)	Carbazole	0.909	0.900	0.960	1.054	1.075	1.038	0.999	0.991	7.05	
74)	Di-n-butylphth...	1.106	1.082	1.151	1.246	1.277	1.231	1.165	1.180	6.25	
75) C	Fluoranthene	1.178	1.142	1.250	1.410	1.455	1.425	1.411	1.324	9.86	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.560	0.646	0.772	0.769	0.765	0.751	0.710	12.36		
78)	Pyrene	1.290	1.255	1.332	1.518	1.520	1.465	1.453	1.404	7.83	
79) S	Terphenyl-d14	1.176	1.189	1.332	1.524	1.541	1.458	1.239	1.352	11.58	
80)	Butylbenzylpht...	0.489	0.479	0.515	0.562	0.568	0.545	0.524	0.526	6.53	
81)	Benzo(a)anthra...	1.280	1.231	1.321	1.478	1.479	1.442	1.408	1.377	7.24	
82)	3,3'-Dichlorob...	0.434	0.432	0.483	0.580	0.597	0.583	0.581	0.527	14.14	
83)	Chrysene	1.208	1.170	1.214	1.342	1.369	1.325	1.296	1.275	6.03	
84)	Bis(2-ethylhex...	0.726	0.725	0.775	0.843	0.852	0.814	0.765	0.786	6.61	
85) c	Di-n-octyl pht...	1.221	1.197	1.267	1.366	1.404	1.341	1.275	1.296	5.92	

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.301	1.293	1.404	1.602	1.646	1.591	1.595	1.490	10.27
88)	Benzo(b)fluora...	1.128	1.149	1.209	1.406	1.415	1.408	1.390	1.301	10.16
89)	Benzo(k)fluora...	1.219	1.150	1.251	1.387	1.449	1.383	1.372	1.316	8.29
90) C	Benzo(a)pyrene	1.094	1.066	1.147	1.295	1.330	1.298	1.297	1.218	9.15
91)	Dibenzo(a,h)an...	1.056	1.044	1.142	1.300	1.347	1.305	1.310	1.215	10.72
92)	Benzo(g,h,i)pe...	1.066	1.030	1.105	1.236	1.268	1.224	1.212	1.163	8.07

(#) = Out of Range

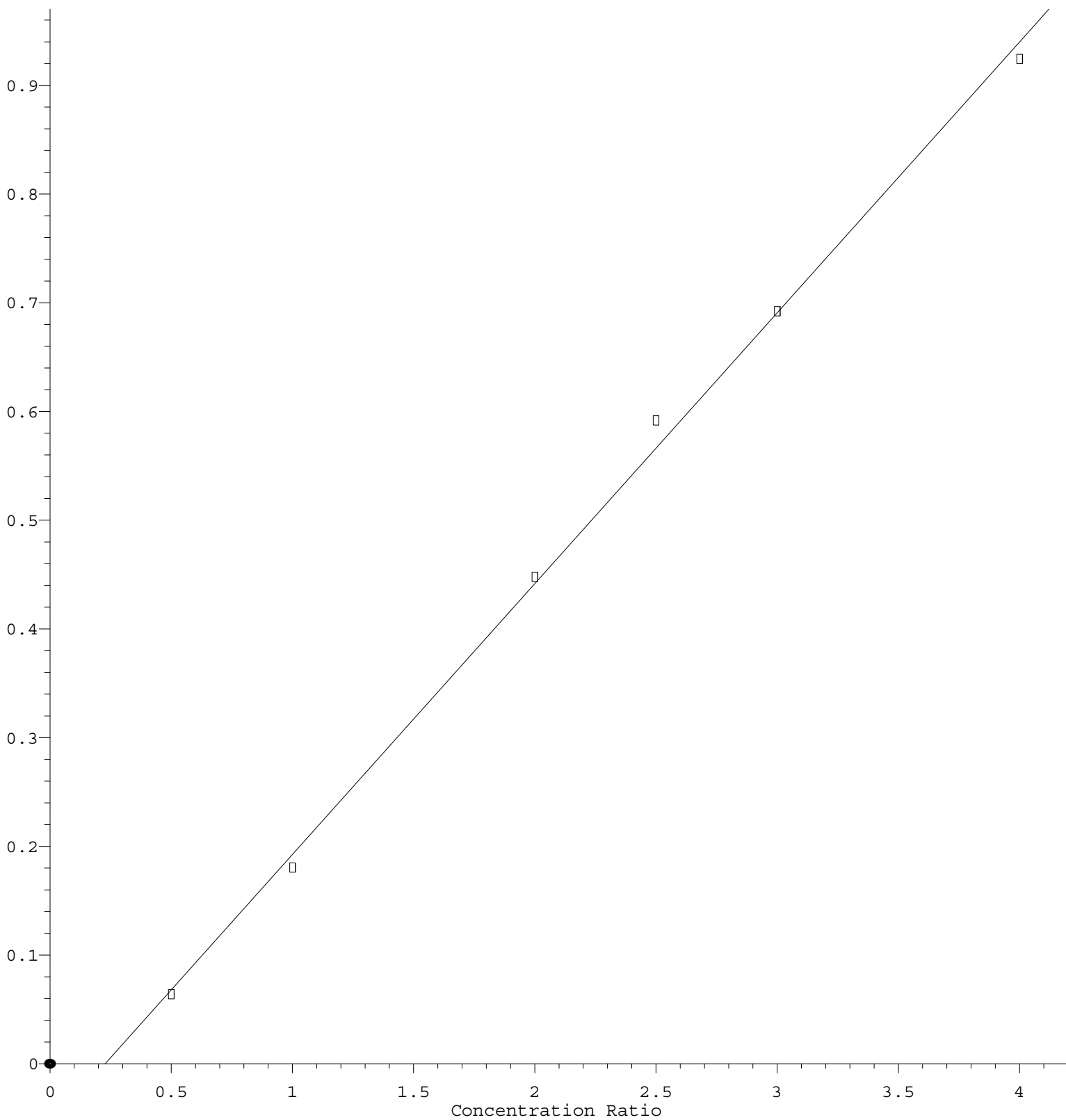
2,4-Dinitrophenol



Response = 2.086e-001 * Amt - 5.991e-002
 Coef of Det (r^2) = 0.997215 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM042825.M
 Calibration Table Last Updated: Mon Apr 28 18:09:16 2025

4-Nitrophenol

Response Ratio



$$\text{Response} = 2.492\text{e-}001 * \text{Amt} - 5.648\text{e-}002$$

Coef of Det (r^2) = 0.997878 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM042825.M

Calibration Table Last Updated: Mon Apr 28 18:09:16 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

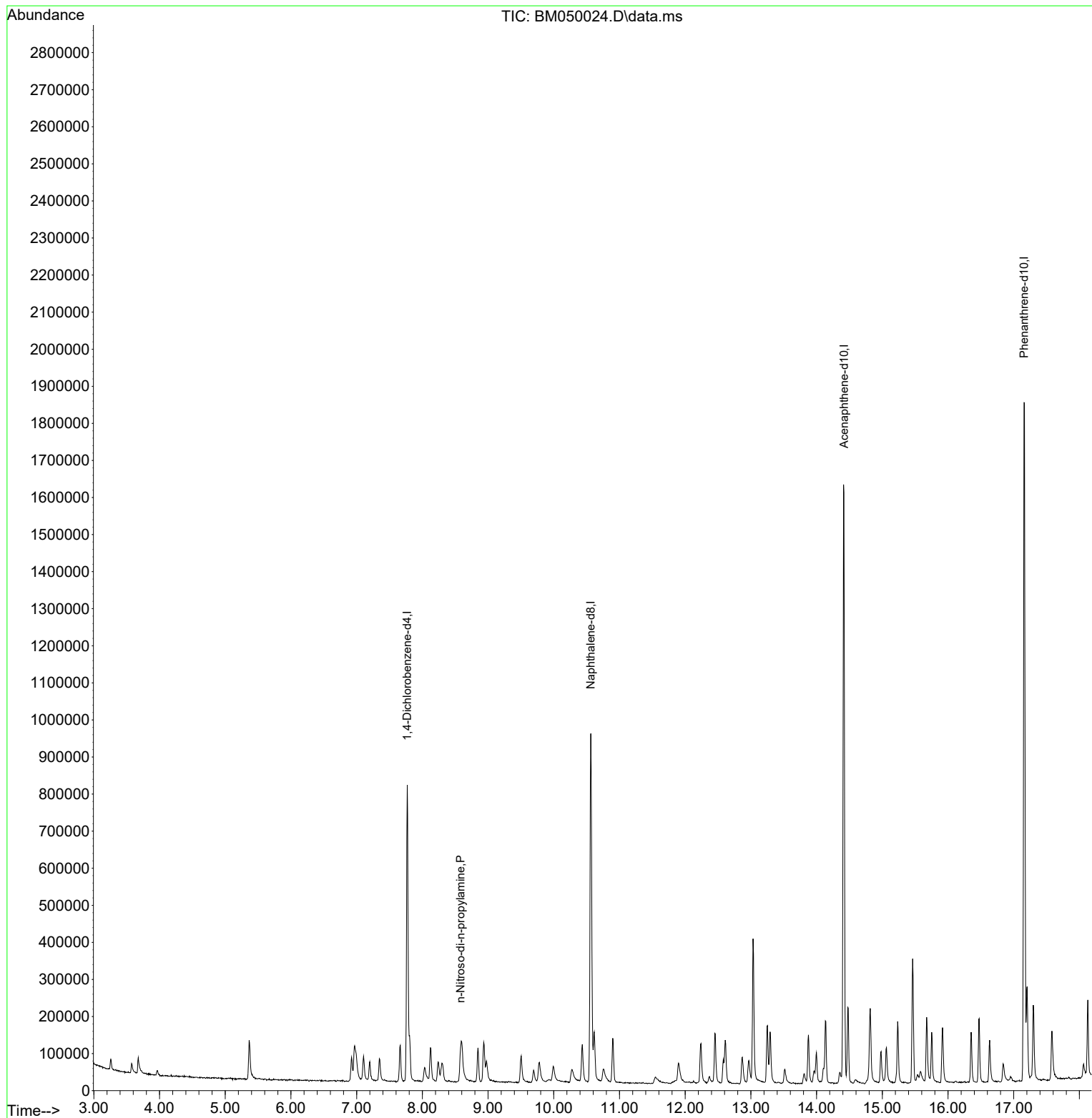
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241974	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	868675	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	604723	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1218544	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1187007	20.000	ng	0.00
86) Perylene-d12	24.409	264	1217038	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
19) n-Nitroso-di-n-propyla...	8.581	70	24247	2.177	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

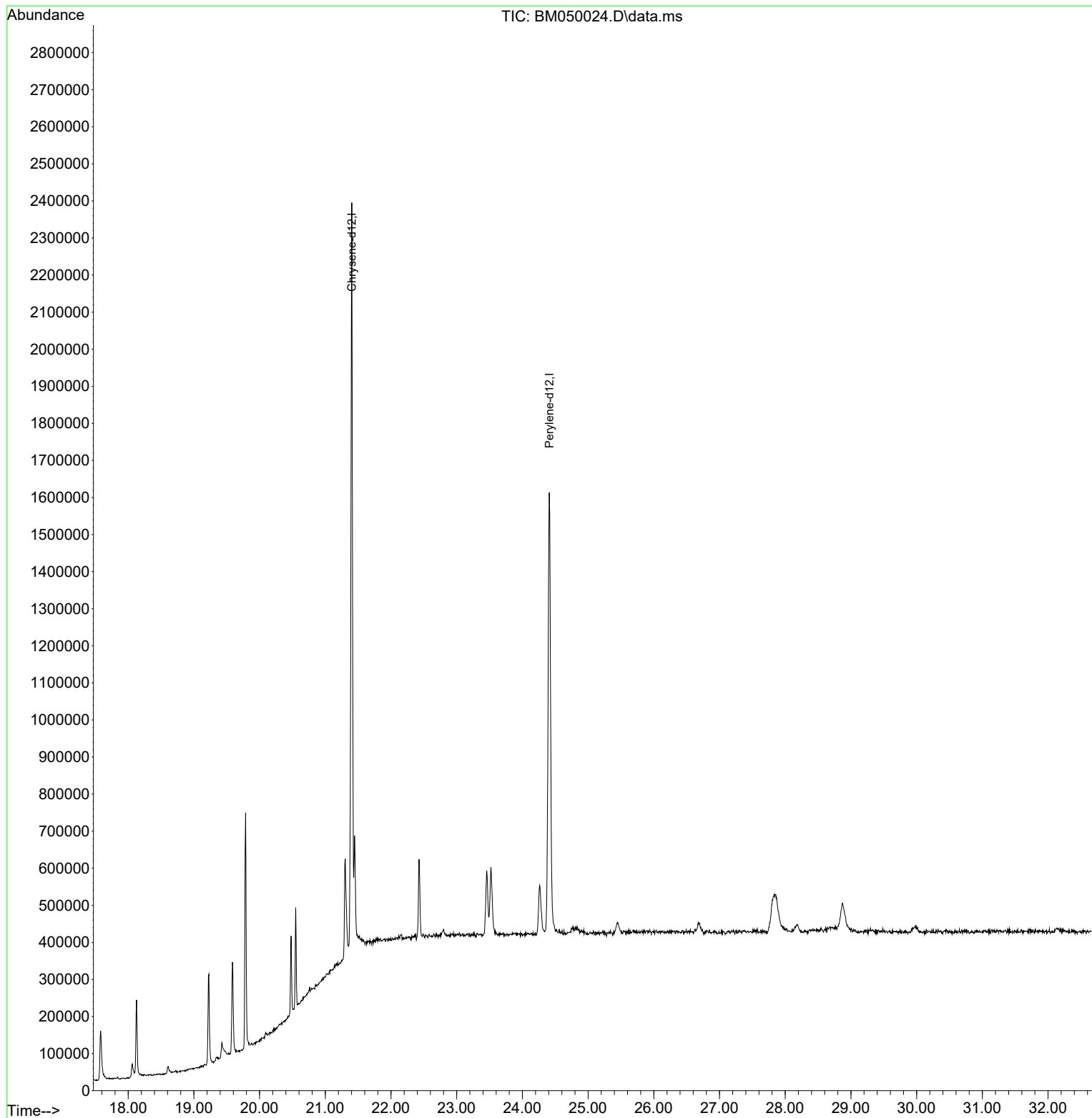
Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050025.D
 Acq On : 28 Apr 2025 13:09
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	222427	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	815362	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	578294	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1183325	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1136162	20.000	ng	0.00
86) Perylene-d12	24.403	264	1149910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	119473	9.406	ng	0.00
7) Phenol-d6	6.957	99	143453	8.985	ng	0.00
23) Nitrobenzene-d5	8.928	82	157222	9.502	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	73192	8.560	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	459031	9.390	ng	0.00
79) Terphenyl-d14	19.780	244	668289	8.704	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	28163	5.171	ng	98
3) Pyridine	3.669	79	66766	4.771	ng	98
4) n-Nitrosodimethylamine	3.575	42	27060	4.930	ng	# 92
6) Aniline	7.098	93	92126	4.570	ng	97
8) 2-Chlorophenol	7.345	128	64999	4.733	ng	99
9) Benzaldehyde	6.916	77	52286m	4.900	ng	
10) Phenol	6.987	94	75011	4.641	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	67447	4.998	ng	98
12) 1,3-Dichlorobenzene	7.657	146	82466	4.971	ng	98
13) 1,4-Dichlorobenzene	7.804	146	84400	5.064	ng	97
14) 1,2-Dichlorobenzene	8.122	146	78966	4.905	ng	99
15) Benzyl Alcohol	8.022	79	48180	4.352	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.298	45	82711	5.042	ng	93
17) 2-Methylphenol	8.234	107	47632	4.474	ng	99
18) Hexachloroethane	8.845	117	30717	5.185	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	49455	4.830	ng	98
20) 3+4-Methylphenols	8.575	107	63223	4.397	ng	# 91
22) Acetophenone	8.598	105	98358	4.852	ng	98
24) Nitrobenzene	8.975	77	68598	4.795	ng	94
25) Isophorone	9.498	82	135828	4.816	ng	98
26) 2-Nitrophenol	9.692	139	30257	4.140	ng	95
27) 2,4-Dimethylphenol	9.763	122	53660	4.427	ng	99
28) bis(2-Chloroethoxy)met...	9.986	93	82947	4.758	ng	99
29) 2,4-Dichlorophenol	10.263	162	59828	4.406	ng	97
30) 1,2,4-Trichlorobenzene	10.428	180	81624	4.934	ng	97
31) Naphthalene	10.616	128	204133	4.944	ng	98
33) 4-Chloroaniline	10.751	127	73542	4.345	ng	97
34) Hexachlorobutadiene	10.898	225	51529	4.907	ng	98
35) Caprolactam	11.522	113	18349m	4.634	ng	
36) 4-Chloro-3-methylphenol	11.886	107	58843	4.690	ng	97
37) 2-Methylnaphthalene	12.233	142	133679	4.829	ng	97
38) 1-Methylnaphthalene	12.451	142	143332	4.892	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	90168	4.504	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	53748	4.233	ng	96
44) 2,4,5-Trichlorophenol	12.951	196	59224	4.325	ng	98
46) 1,1'-Biphenyl	13.245	154	206296	4.799	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050025.D
 Acq On : 28 Apr 2025 13:09
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 28 17:38:08 2025

Response via : Initial Calibration

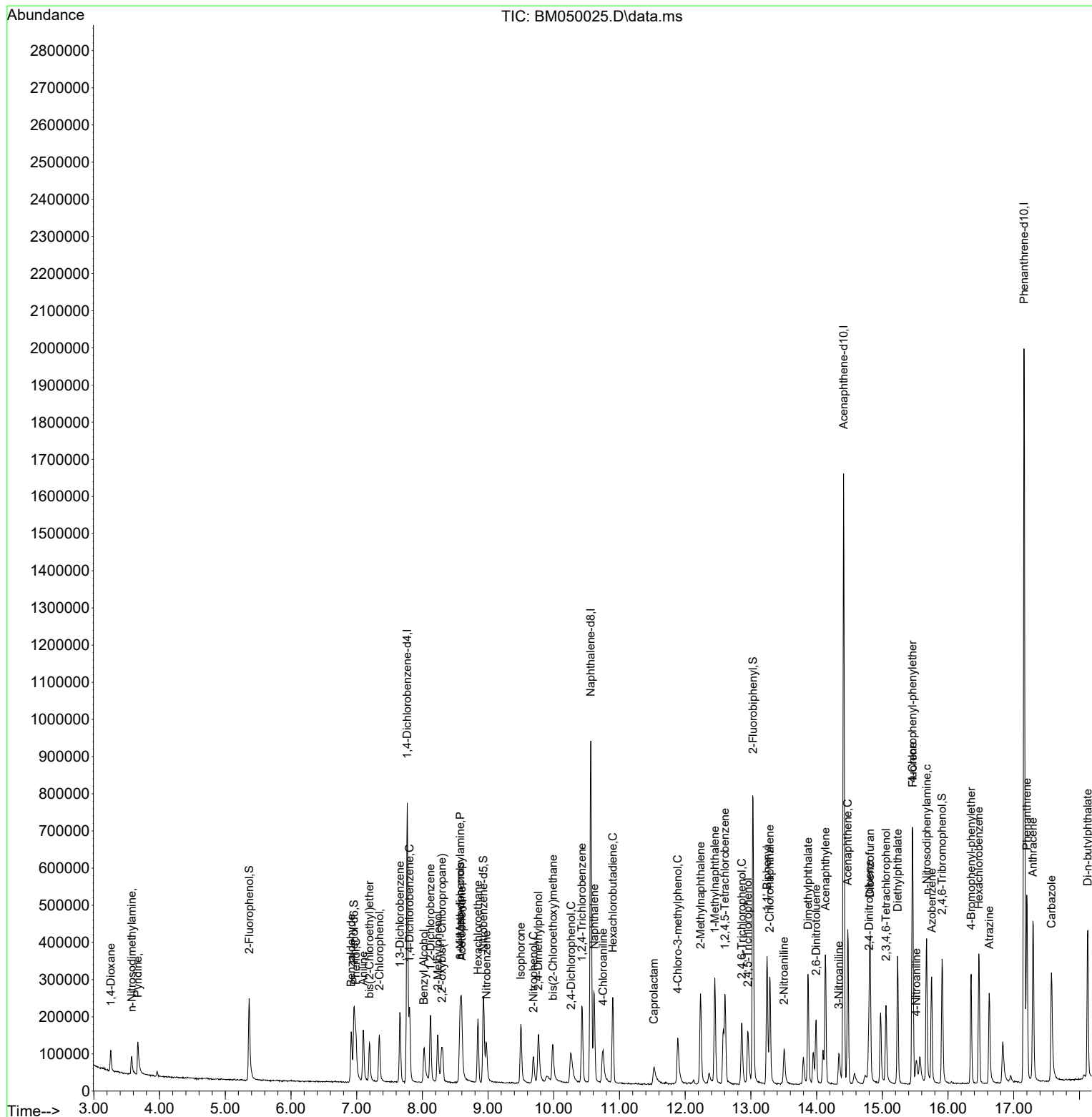
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.286	162	162803	4.782	ng	98
48) 2-Nitroaniline	13.504	65	34348	4.299	ng	91
49) Acenaphthylene	14.133	152	259406	4.832	ng	100
50) Dimethylphthalate	13.869	163	208800	4.941	ng	100
51) 2,6-Dinitrotoluene	13.992	165	38453	4.395	ng	94
52) Acenaphthene	14.474	154	150042	4.829	ng	99
53) 3-Nitroaniline	14.339	138	33713	4.036	ng	# 94
55) Dibenzofuran	14.816	168	252898	4.892	ng	99
57) 2,4-Dinitrotoluene	14.798	165	48901	4.044	ng	# 87
58) Fluorene	15.463	166	200542	4.739	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.057	232	52899	4.463	ng	97
60) Diethylphthalate	15.233	149	198362	4.981	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	107081	4.607	ng	94
62) 4-Nitroaniline	15.515	138	30138m	3.737	ng	
63) Azobenzene	15.751	77	161662	4.844	ng	98
66) n-Nitrosodiphenylamine	15.674	169	171608	4.723	ng	97
67) 4-Bromophenyl-phenylether	16.351	248	66000	4.612	ng	95
68) Hexachlorobenzene	16.468	284	78506	4.759	ng	99
69) Atrazine	16.627	200	58110	4.433	ng	99
71) Phenanthrene	17.198	178	317954	4.764	ng	99
72) Anthracene	17.292	178	314149	4.651	ng	99
73) Carbazole	17.574	167	268774	4.586	ng	99
74) Di-n-butylphthalate	18.127	149	327178	4.688	ng	100
75) Fluoranthene	19.221	202	348593	4.449	ng	99
78) Pyrene	19.586	202	366473	4.593	ng	99
80) Butylbenzylphthalate	20.480	149	138827	4.646	ng	97
81) Benzo(a)anthracene	21.380	228	363641	4.648	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	123375	4.119	ng	# 95
83) Chrysene	21.445	228	343085	4.738	ng	98
84) Bis(2-ethylhexyl)phtha...	21.297	149	206231	4.620	ng	96
85) Di-n-octyl phthalate	22.427	149	346799	4.711	ng	98
87) Indeno(1,2,3-cd)pyrene	27.803	276	373944	4.364	ng	# 87
88) Benzo(b)fluoranthene	23.456	252	324395	4.338	ng	99
89) Benzo(k)fluoranthene	23.515	252	350374m	4.631	ng	
90) Benzo(a)pyrene	24.262	252	314608	4.492	ng	98
91) Dibenzo(a,h)anthracene	27.856	278	303557	4.346	ng	98
92) Benzo(g,h,i)perylene	28.862	276	306571	4.585	ng	98

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



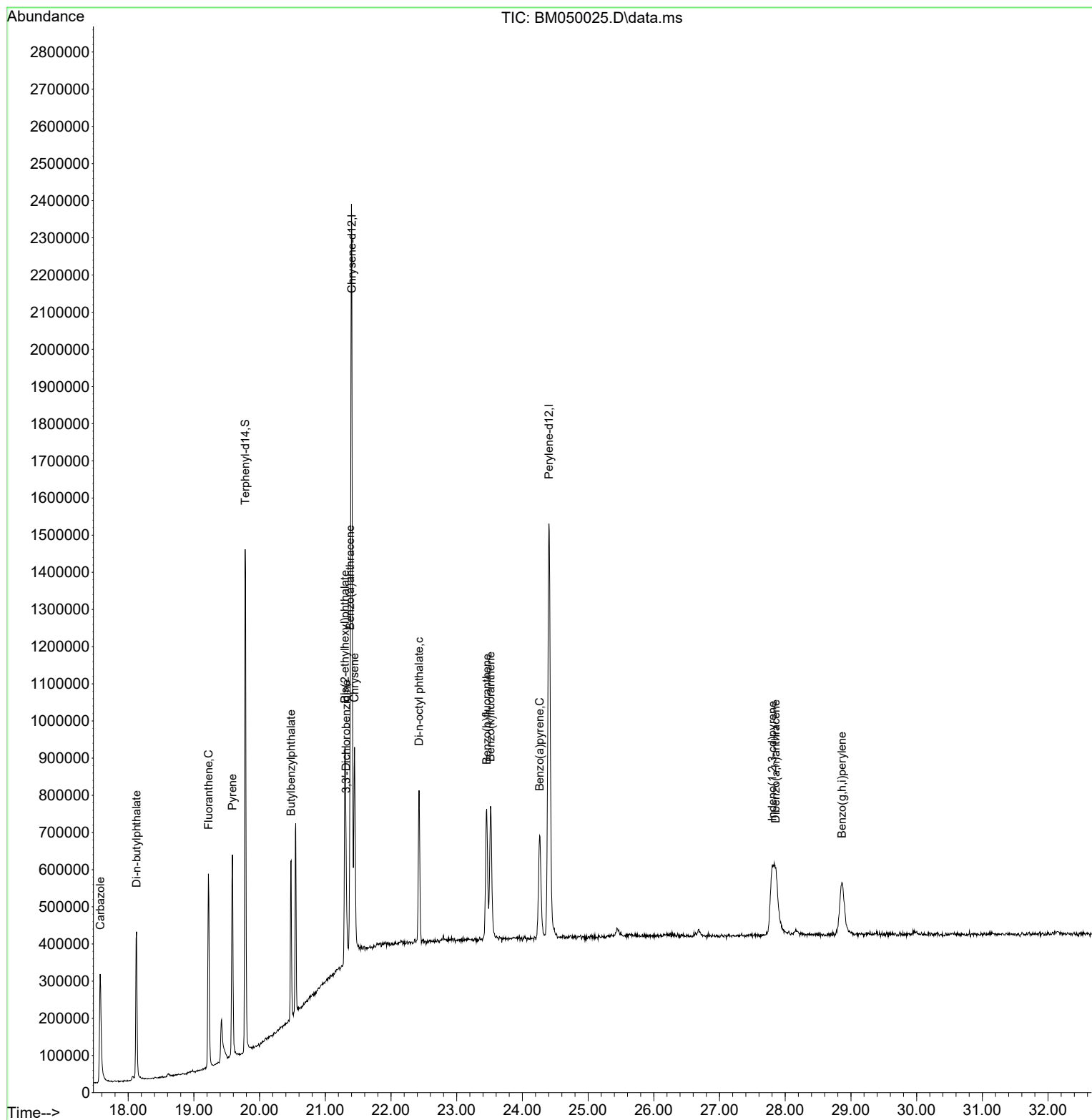
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050026.D
 Acq On : 28 Apr 2025 13:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	250110	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	926512	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	636652	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1274608	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1213581	20.000	ng	0.00
86) Perylene-d12	24.403	264	1224339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	269870	18.894	ng	0.00
7) Phenol-d6	6.957	99	329701	18.366	ng	0.00
23) Nitrobenzene-d5	8.928	82	346334	18.420	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	158339	16.820	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	989917	18.394	ng	0.00
79) Terphenyl-d14	19.780	244	1443528	17.601	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	58048	9.478	ng	98
3) Pyridine	3.663	79	145801	9.266	ng	98
4) n-Nitrosodimethylamine	3.569	42	57404	9.302	ng	# 93
6) Aniline	7.098	93	211256	9.319	ng	100
8) 2-Chlorophenol	7.339	128	145228	9.404	ng	99
9) Benzaldehyde	6.916	77	115030m	9.587	ng	
10) Phenol	6.981	94	168041	9.246	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	138197	9.107	ng	100
12) 1,3-Dichlorobenzene	7.657	146	178565	9.572	ng	96
13) 1,4-Dichlorobenzene	7.804	146	177312	9.461	ng	99
14) 1,2-Dichlorobenzene	8.122	146	174224	9.624	ng	100
15) Benzyl Alcohol	8.022	79	110234	8.854	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	177776	9.637	ng	97
17) 2-Methylphenol	8.228	107	111639	9.325	ng	99
18) Hexachloroethane	8.845	117	63487	9.530	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	110641	9.609	ng	98
20) 3+4-Methylphenols	8.563	107	146303	9.049	ng	99
22) Acetophenone	8.592	105	214790	9.325	ng	98
24) Nitrobenzene	8.969	77	150534	9.259	ng	99
25) Isophorone	9.498	82	300179	9.366	ng	99
26) 2-Nitrophenol	9.686	139	72521	8.732	ng	97
27) 2,4-Dimethylphenol	9.757	122	123406	8.960	ng	97
28) bis(2-Chloroethoxy)met...	9.975	93	184837	9.331	ng	99
29) 2,4-Dichlorophenol	10.245	162	137916	8.938	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	177721	9.453	ng	97
31) Naphthalene	10.610	128	444206	9.467	ng	99
32) Benzoic acid	9.875	122	63971m	7.282	ng	
33) 4-Chloroaniline	10.739	127	181907	9.458	ng	99
34) Hexachlorobutadiene	10.898	225	111307	9.327	ng	99
35) Caprolactam	11.516	113	39344	8.745	ng	94
36) 4-Chloro-3-methylphenol	11.880	107	131076	9.194	ng	98
37) 2-Methylnaphthalene	12.227	142	296053	9.411	ng	97
38) 1-Methylnaphthalene	12.451	142	312512	9.387	ng	97
40) 1,2,4,5-Tetrachloroben...	12.604	216	197943	8.981	ng	99
41) Hexachlorocyclopentadiene	12.580	237	96522	7.166	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	121240	8.673	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050026.D
 Acq On : 28 Apr 2025 13:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	132882	8.815	ng	96
46) 1,1'-Biphenyl	13.245	154	443960	9.381	ng	99
47) 2-Chloronaphthalene	13.286	162	354101	9.447	ng	99
48) 2-Nitroaniline	13.498	65	77101	8.764	ng	94
49) Acenaphthylene	14.133	152	545774	9.235	ng	100
50) Dimethylphthalate	13.868	163	438261	9.419	ng	99
51) 2,6-Dinitrotoluene	13.992	165	86242	8.953	ng	98
52) Acenaphthene	14.474	154	317735	9.288	ng	98
53) 3-Nitroaniline	14.333	138	78720	8.559	ng	# 99
54) 2,4-Dinitrophenol	14.563	184	31979	10.558	ng	96
55) Dibenzofuran	14.810	168	535023	9.401	ng	99
56) 4-Nitrophenol	14.710	139	40722	9.668	ng	96
57) 2,4-Dinitrotoluene	14.792	165	116476	8.750	ng	95
58) Fluorene	15.462	166	427384	9.174	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	115185	8.828	ng	98
60) Diethylphthalate	15.233	149	414149	9.447	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	227926	8.908	ng	94
62) 4-Nitroaniline	15.498	138	74565m	8.397	ng	
63) Azobenzene	15.745	77	347347	9.454	ng	99
65) 4,6-Dinitro-2-methylph...	15.562	198	56182	7.042	ng	93
66) n-Nitrosodiphenylamine	15.668	169	364601	9.315	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	137532	8.923	ng	99
68) Hexachlorobenzene	16.468	284	160195	9.016	ng	99
69) Atrazine	16.621	200	126168	8.937	ng	98
70) Pentachlorophenol	16.827	266	74839	7.483	ng	95
71) Phenanthrene	17.198	178	659374	9.172	ng	100
72) Anthracene	17.292	178	661260	9.089	ng	99
73) Carbazole	17.568	167	573667	9.087	ng	99
74) Di-n-butylphthalate	18.121	149	689248	9.168	ng	99
75) Fluoranthene	19.221	202	727607	8.621	ng	99
77) Benzidine	19.415	184	339970	7.887	ng	99
78) Pyrene	19.586	202	761625	8.937	ng	99
80) Butylbenzylphthalate	20.474	149	290617	9.105	ng	93
81) Benzo(a)anthracene	21.380	228	747128	8.940	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	262017	8.190	ng	100
83) Chrysene	21.444	228	709862	9.178	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	439949	9.228	ng	98
85) Di-n-octyl phthalate	22.427	149	726208	9.236	ng	99
87) Indeno(1,2,3-cd)pyrene	27.791	276	791344	8.674	ng	99
88) Benzo(b)fluoranthene	23.450	252	703118	8.831	ng	98
89) Benzo(k)fluoranthene	23.515	252	704142	8.741	ng	99
90) Benzo(a)pyrene	24.262	252	652617	8.751	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	638913	8.591	ng	98
92) Benzo(g,h,i)perylene	28.850	276	630261	8.852	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050026.D
 Acq On : 28 Apr 2025 13:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

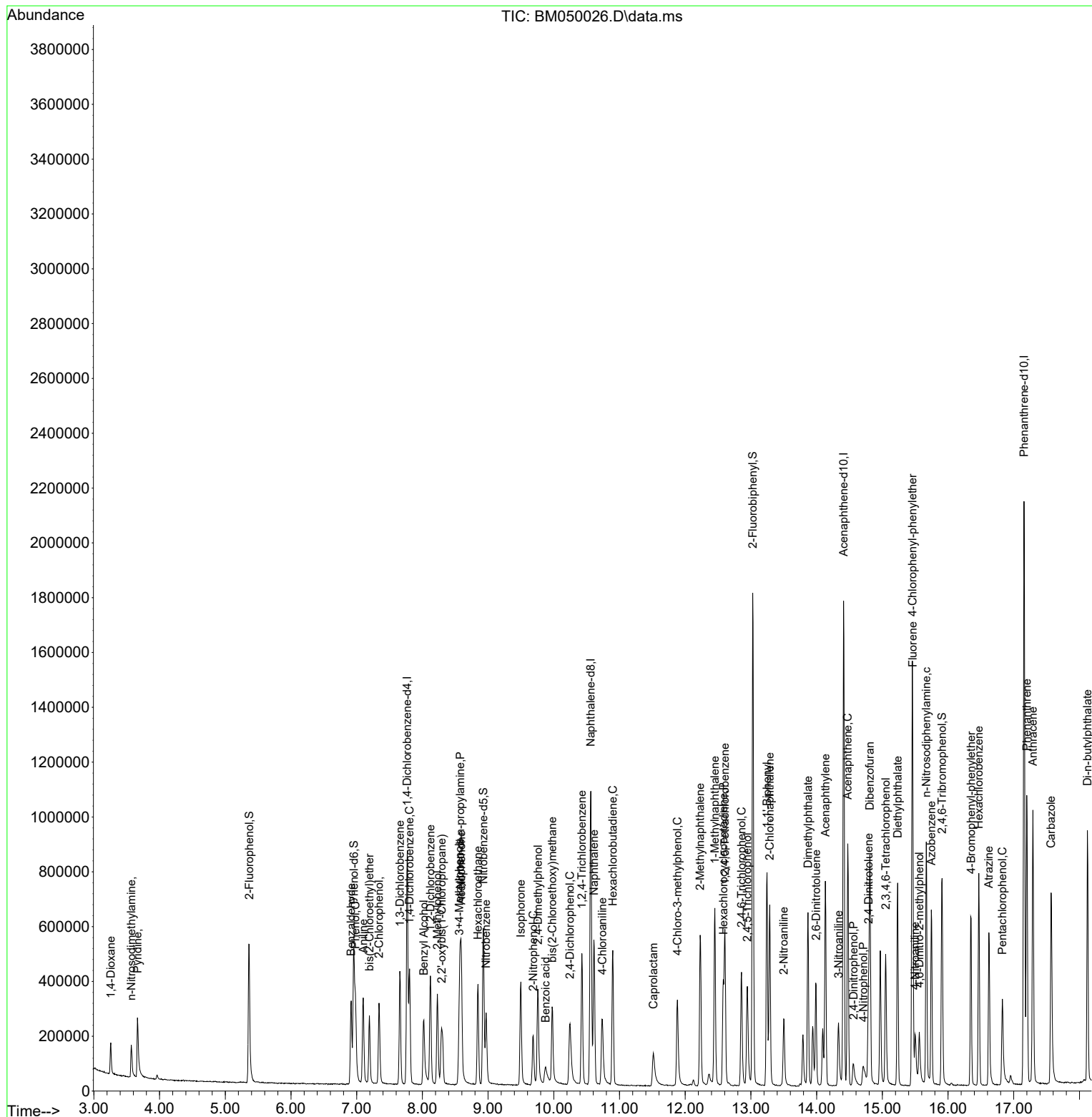
Quant Time: Apr 28 17:54:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 28 17:38:08 2025

Response via : Initial Calibration



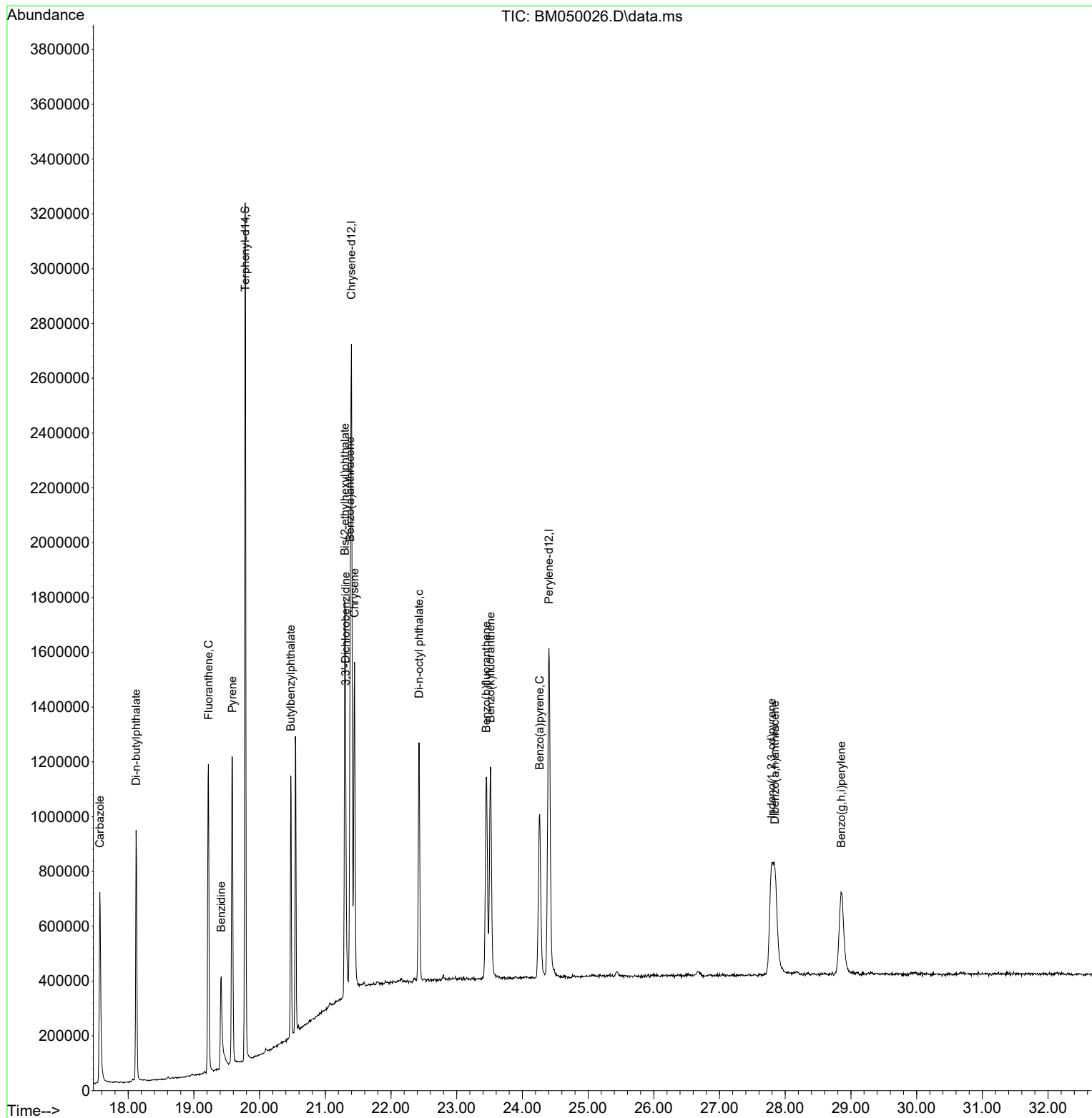
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Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050027.D
 Acq On : 28 Apr 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	242715	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	896366	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	614688	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1244440	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1204355	20.000	ng	0.00
86) Perylene-d12	24.403	264	1191041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	537488	38.777	ng	0.00
7) Phenol-d6	6.951	99	678404	38.941	ng	0.00
23) Nitrobenzene-d5	8.928	82	712171	39.151	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	345020	37.960	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2005788	38.602	ng	0.00
79) Terphenyl-d14	19.780	244	3208242	39.418	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	115944	19.509	ng	99
3) Pyridine	3.658	79	298256	19.532	ng	98
4) n-Nitrosodimethylamine	3.569	42	115296	19.251	ng	# 100
6) Aniline	7.098	93	429222	19.511	ng	99
8) 2-Chlorophenol	7.340	128	290876	19.409	ng	99
9) Benzaldehyde	6.910	77	235594	20.233	ng	98
10) Phenol	6.981	94	344567	19.537	ng	98
11) bis(2-Chloroethyl)ether	7.193	93	285330	19.375	ng	99
12) 1,3-Dichlorobenzene	7.657	146	352660	19.480	ng	99
13) 1,4-Dichlorobenzene	7.804	146	354975	19.518	ng	99
14) 1,2-Dichlorobenzene	8.122	146	345385	19.660	ng	99
15) Benzyl Alcohol	8.016	79	234541	19.413	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	350829	19.598	ng	98
17) 2-Methylphenol	8.228	107	225978	19.450	ng	99
18) Hexachloroethane	8.845	117	126530	19.571	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	223538	20.006	ng	99
20) 3+4-Methylphenols	8.557	107	307585	19.604	ng	97
22) Acetophenone	8.592	105	434539	19.499	ng	98
24) Nitrobenzene	8.969	77	309341	19.667	ng	99
25) Isophorone	9.498	82	609252	19.648	ng	99
26) 2-Nitrophenol	9.681	139	154364	19.211	ng	97
27) 2,4-Dimethylphenol	9.751	122	259319	19.460	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	378162	19.732	ng	100
29) 2,4-Dichlorophenol	10.234	162	292336	19.582	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	352792	19.397	ng	98
31) Naphthalene	10.610	128	890530	19.618	ng	99
32) Benzoic acid	9.881	122	154412m	18.168	ng	
33) 4-Chloroaniline	10.734	127	362366	19.475	ng	99
34) Hexachlorobutadiene	10.898	225	223143	19.327	ng	99
35) Caprolactam	11.516	113	84917	19.509	ng	93
36) 4-Chloro-3-methylphenol	11.875	107	270510	19.613	ng	99
37) 2-Methylnaphthalene	12.228	142	593403	19.498	ng	99
38) 1-Methylnaphthalene	12.445	142	634293	19.694	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	402355	18.909	ng	99
41) Hexachlorocyclopentadiene	12.575	237	222254	17.091	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	260161	19.276	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050027.D
 Acq On : 28 Apr 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	278307	19.123	ng	98
46) 1,1'-Biphenyl	13.239	154	892394	19.530	ng	99
47) 2-Chloronaphthalene	13.286	162	709815	19.614	ng	100
48) 2-Nitroaniline	13.498	65	165324	19.465	ng	99
49) Acenaphthylene	14.133	152	1112766	19.502	ng	99
50) Dimethylphthalate	13.869	163	883120	19.659	ng	99
51) 2,6-Dinitrotoluene	13.986	165	183493	19.729	ng	99
52) Acenaphthene	14.474	154	643177	19.474	ng	99
53) 3-Nitroaniline	14.327	138	174626	19.666	ng	97
54) 2,4-Dinitrophenol	14.551	184	80991	18.373	ng	99
55) Dibenzofuran	14.810	168	1074975	19.562	ng	99
56) 4-Nitrophenol	14.686	139	110948	19.021	ng	96
57) 2,4-Dinitrotoluene	14.786	165	252994	19.685	ng	100
58) Fluorene	15.457	166	879470	19.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	244928	19.442	ng	99
60) Diethylphthalate	15.233	149	848021	20.034	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	473276	19.157	ng	95
62) 4-Nitroaniline	15.492	138	170438	19.880	ng	95
63) Azobenzene	15.745	77	707026	19.930	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	136910	17.576	ng	94
66) n-Nitrosodiphenylamine	15.669	169	741920	19.415	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	285352	18.962	ng	98
68) Hexachlorobenzene	16.468	284	327912	18.903	ng	98
69) Atrazine	16.621	200	266068	19.303	ng	98
70) Pentachlorophenol	16.821	266	175794	18.004	ng	99
71) Phenanthrene	17.198	178	1348190	19.208	ng	100
72) Anthracene	17.292	178	1364462	19.210	ng	100
73) Carbazole	17.568	167	1194316	19.377	ng	99
74) Di-n-butylphthalate	18.121	149	1432688	19.519	ng	99
75) Fluoranthene	19.221	202	1555160	18.872	ng	99
77) Benzidine	19.409	184	777502	18.175	ng	99
78) Pyrene	19.580	202	1603874	18.964	ng	100
80) Butylbenzylphthalate	20.474	149	620751	19.597	ng	94
81) Benzo(a)anthracene	21.380	228	1591290	19.187	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	582038	18.333	ng	99
83) Chrysene	21.445	228	1461777	19.044	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	933505	19.730	ng	98
85) Di-n-octyl phthalate	22.427	149	1525599	19.552	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	1671967	18.840	ng	99
88) Benzo(b)fluoranthene	23.450	252	1439776	18.588	ng	99
89) Benzo(k)fluoranthene	23.515	252	1489410	19.005	ng	100
90) Benzo(a)pyrene	24.262	252	1365706	18.825	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	1360269	18.803	ng	99
92) Benzo(g,h,i)perylene	28.850	276	1316513	19.008	ng	99

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

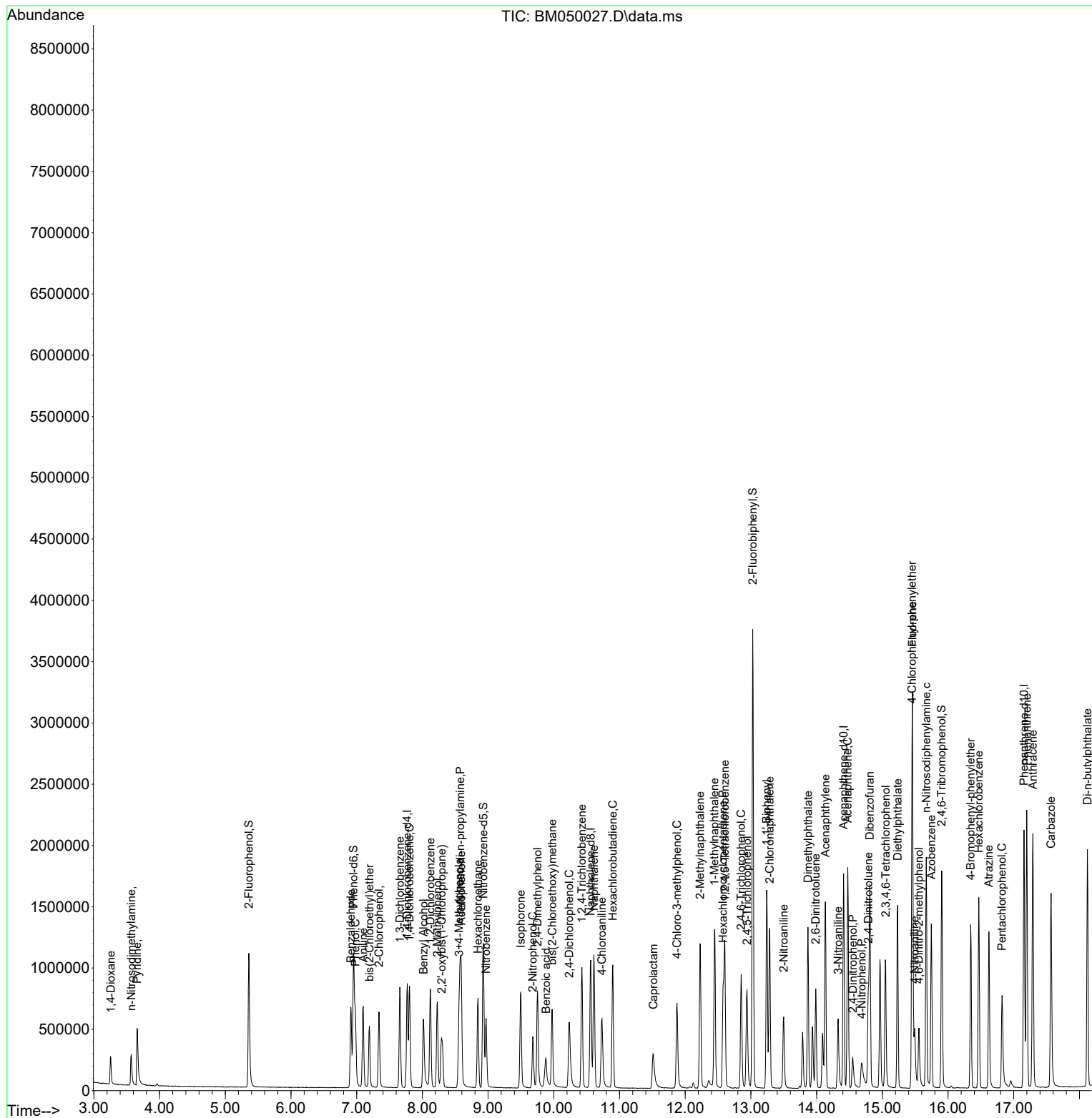
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 Data File : BM050027.D
 Acq On : 28 Apr 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration



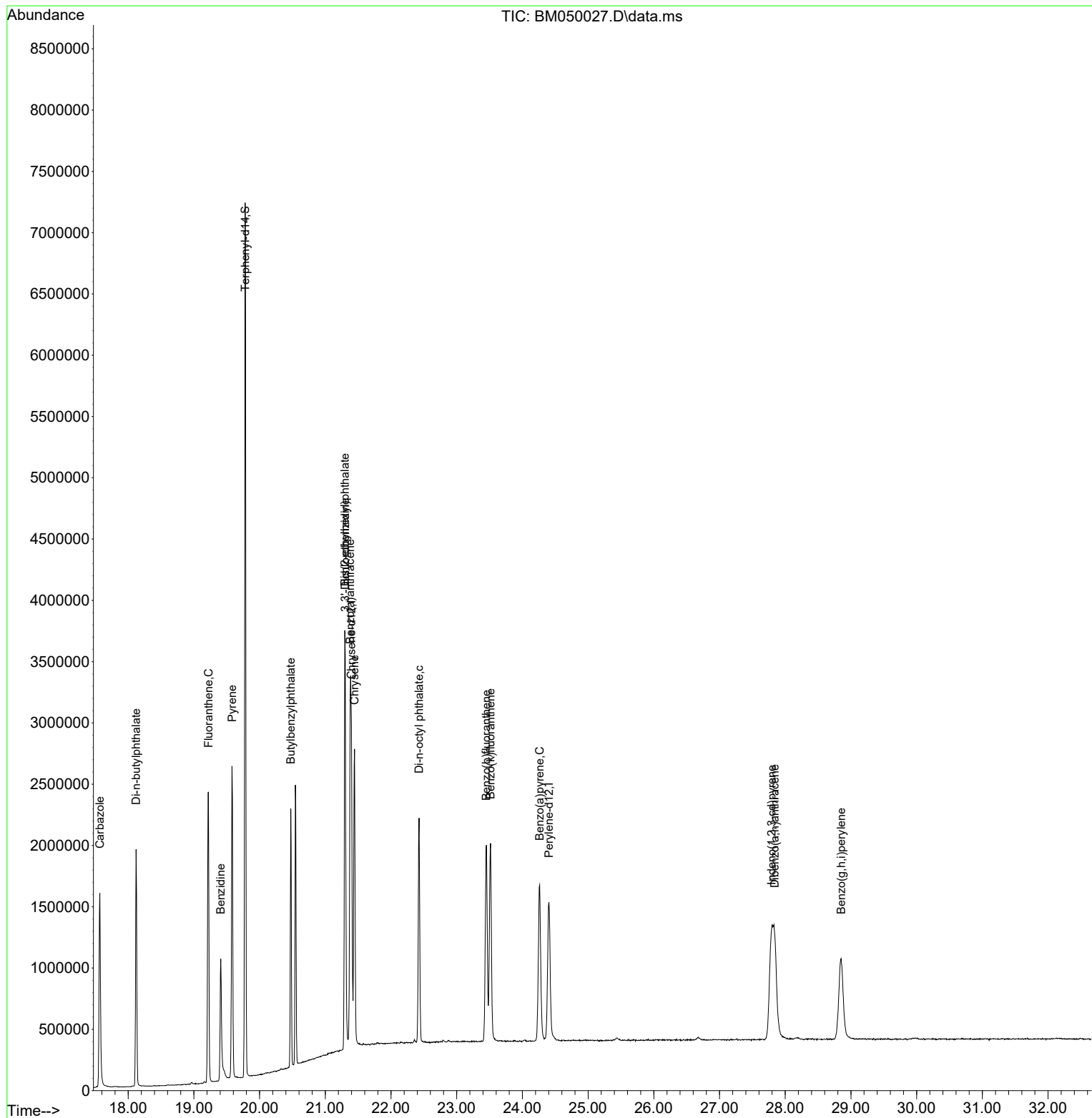
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Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050028.D
 Acq On : 28 Apr 2025 15:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241109	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	890488	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	591599	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1163791	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1114654	20.000	ng	0.00
86) Perylene-d12	24.403	264	1072526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1165032	84.611	ng	0.00
7) Phenol-d6	6.951	99	1487856	85.973	ng	0.00
23) Nitrobenzene-d5	8.928	82	1547270	85.620	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	751927	85.958	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4275240	85.489	ng	0.00
79) Terphenyl-d14	19.780	244	6797031	90.233	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	246624	41.774	ng	100
3) Pyridine	3.657	79	641890	42.316	ng	100
4) n-Nitrosodimethylamine	3.563	42	251749	42.316	ng	100
6) Aniline	7.098	93	936673	42.862	ng	100
8) 2-Chlorophenol	7.340	128	632836	42.508	ng	100
9) Benzaldehyde	6.910	77	497166	42.981	ng	100
10) Phenol	6.981	94	742305	42.370	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	616851	42.166	ng	100
12) 1,3-Dichlorobenzene	7.657	146	754937	41.979	ng	100
13) 1,4-Dichlorobenzene	7.804	146	752959	41.677	ng	100
14) 1,2-Dichlorobenzene	8.122	146	733848	42.050	ng	100
15) Benzyl Alcohol	8.016	79	521025	43.413	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.292	45	748400	42.085	ng	100
17) 2-Methylphenol	8.222	107	498005	43.149	ng	100
18) Hexachloroethane	8.845	117	268328	41.780	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	483699	43.579	ng	100
20) 3+4-Methylphenols	8.557	107	671942	43.111	ng	100
22) Acetophenone	8.592	105	946106	42.735	ng	100
24) Nitrobenzene	8.969	77	666034	42.625	ng	100
25) Isophorone	9.498	82	1298577	42.156	ng	100
26) 2-Nitrophenol	9.681	139	349855	43.827	ng	100
27) 2,4-Dimethylphenol	9.751	122	576549	43.552	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	809528	42.518	ng	100
29) 2,4-Dichlorophenol	10.228	162	644546	43.461	ng	100
30) 1,2,4-Trichlorobenzene	10.428	180	759987	42.060	ng	100
31) Naphthalene	10.610	128	1898588	42.100	ng	100
32) Benzoic acid	9.910	122	351345	41.613	ng	100
33) 4-Chloroaniline	10.728	127	784625	42.448	ng	100
34) Hexachlorobutadiene	10.898	225	481510	41.981	ng	100
35) Caprolactam	11.522	113	185984	43.010	ng	100
36) 4-Chloro-3-methylphenol	11.869	107	579492	42.293	ng	100
37) 2-Methylnaphthalene	12.227	142	1269061	41.973	ng	100
38) 1-Methylnaphthalene	12.445	142	1341577	41.928	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	878448	42.894	ng	100
41) Hexachlorocyclopentadiene	12.580	237	538788	43.050	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	563324	43.368	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050028.D
 Acq On : 28 Apr 2025 15:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

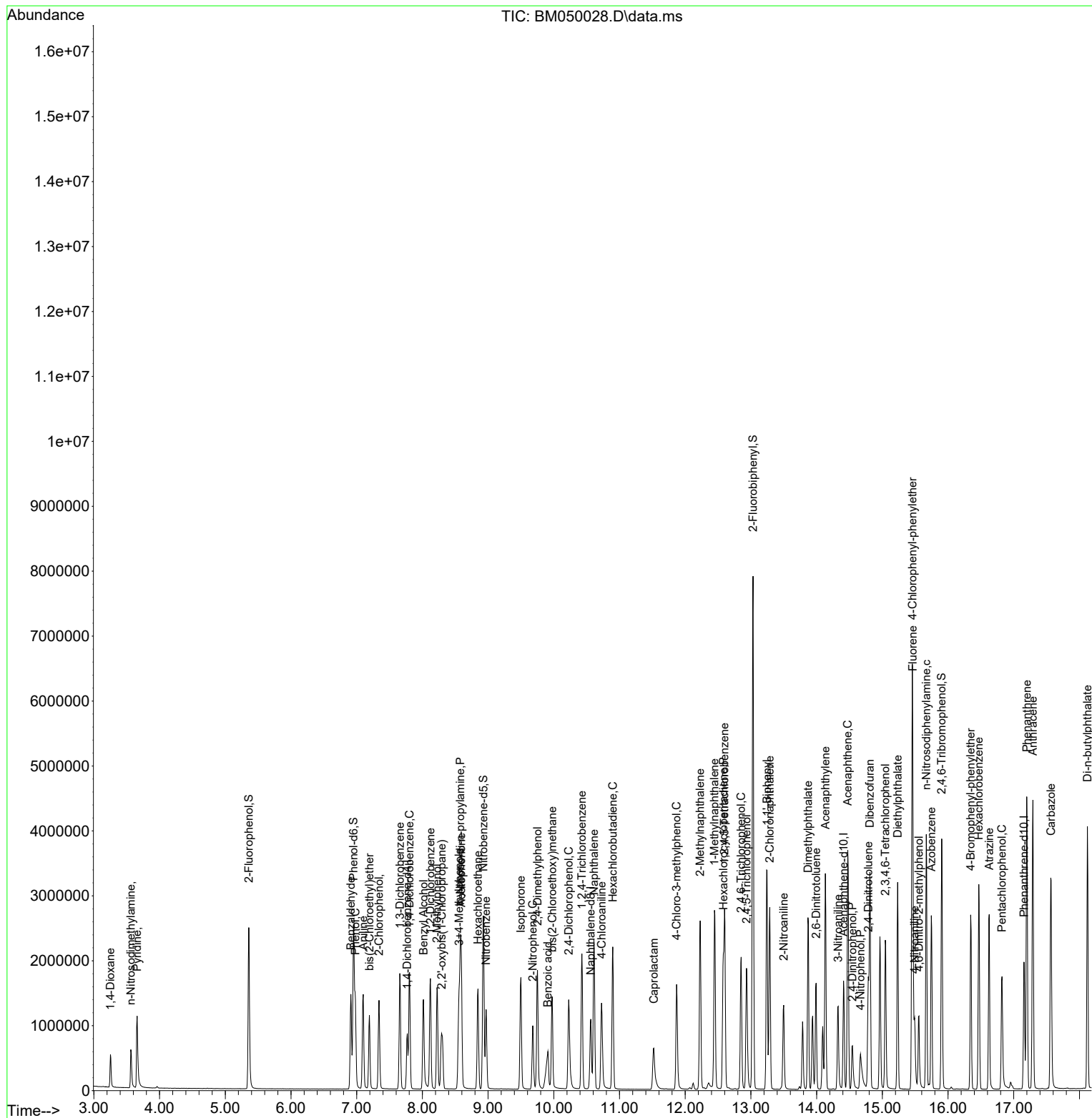
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	612194	43.706	ng	100
46) 1,1'-Biphenyl	13.245	154	1860581	42.309	ng	100
47) 2-Chloronaphthalene	13.286	162	1479560	42.480	ng	100
48) 2-Nitroaniline	13.498	65	357098	43.684	ng	100
49) Acenaphthylene	14.133	152	2332675	42.478	ng	100
50) Dimethylphthalate	13.869	163	1812335	41.918	ng	100
51) 2,6-Dinitrotoluene	13.992	165	386623	43.191	ng	100
52) Acenaphthene	14.474	154	1340946	42.186	ng	100
53) 3-Nitroaniline	14.327	138	379359	44.389	ng	100
54) 2,4-Dinitrophenol	14.545	184	210115	39.788	ng	100
55) Dibenzofuran	14.810	168	2219206	41.961	ng	100
56) 4-Nitrophenol	14.669	139	264964	40.483	ng	100
57) 2,4-Dinitrotoluene	14.786	165	539867	43.646	ng	100
58) Fluorene	15.463	166	1843261	42.580	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	514644	42.446	ng	100
60) Diethylphthalate	15.233	149	1696013	41.631	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1014134	42.652	ng	100
62) 4-Nitroaniline	15.492	138	370884	44.949	ng	100
63) Azobenzene	15.745	77	1439085	42.150	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	315113	43.256	ng	100
66) n-Nitrosodiphenylamine	15.668	169	1525193	42.678	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	600373	42.660	ng	100
68) Hexachlorobenzene	16.468	284	683325	42.122	ng	100
69) Atrazine	16.627	200	550018	42.668	ng	100
70) Pentachlorophenol	16.821	266	387613	42.448	ng	100
71) Phenanthrene	17.198	178	2762249	42.082	ng	100
72) Anthracene	17.292	178	2824805	42.525	ng	100
73) Carbazole	17.568	167	2452474	42.547	ng	100
74) Di-n-butylphthalate	18.121	149	2899479	42.239	ng	100
75) Fluoranthene	19.215	202	3282789	42.598	ng	100
77) Benzidine	19.404	184	1720168	43.446	ng	100
78) Pyrene	19.580	202	3383053	43.220	ng	100
80) Butylbenzylphthalate	20.480	149	1251950	42.704	ng	100
81) Benzo(a)anthracene	21.380	228	3295625	42.935	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1292611	43.991	ng	100
83) Chrysene	21.445	228	2992790	42.127	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1878368	42.895	ng	100
85) Di-n-octyl phthalate	22.427	149	3044578	42.160	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	3435665	42.991	ng	100
88) Benzo(b)fluoranthene	23.450	252	3016197	43.243	ng	100
89) Benzo(k)fluoranthene	23.515	252	2974903	42.155	ng	100
90) Benzo(a)pyrene	24.262	252	2777683	42.519	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	2787948	42.796	ng	100
92) Benzo(g,h,i)perylene	28.850	276	2651145	42.508	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050028.D
 Acq On : 28 Apr 2025 15:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

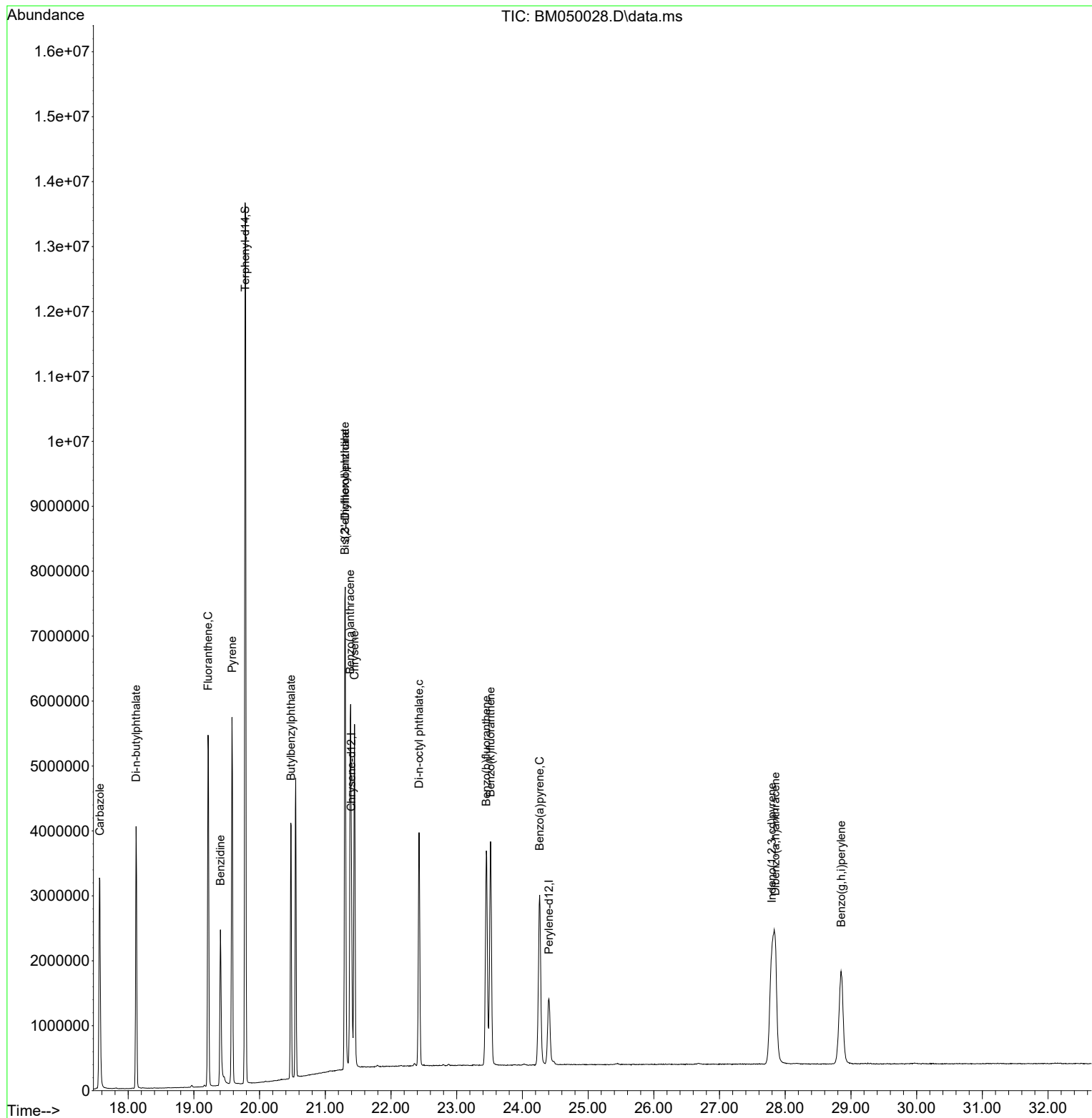
Quant Time: Apr 28 17:56:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050029.D
 Acq On : 28 Apr 2025 15:45
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 28 17:57:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	228207	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	837552	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	554448	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1105769	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1097646	20.000	ng	0.00
86) Perylene-d12	24.397	264	1061511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1382138	106.054	ng	0.00
7) Phenol-d6	6.951	99	1754123	107.089	ng	0.00
23) Nitrobenzene-d5	8.928	82	1811208	106.560	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	911669	111.203	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5051261	107.775	ng	0.00
79) Terphenyl-d14	19.780	244	8457811	114.020	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.251	88	287618	51.472	ng	100
3) Pyridine	3.657	79	757569	52.766	ng	99
4) n-Nitrosodimethylamine	3.563	42	295491	52.476	ng	100
6) Aniline	7.098	93	1096746	53.024	ng	99
8) 2-Chlorophenol	7.339	128	742074	52.664	ng	100
9) Benzaldehyde	6.910	77	577740	52.770	ng	99
10) Phenol	6.981	94	877155	52.897	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	725268	52.379	ng	99
12) 1,3-Dichlorobenzene	7.657	146	885183	52.004	ng	100
13) 1,4-Dichlorobenzene	7.804	146	888114	51.937	ng	100
14) 1,2-Dichlorobenzene	8.122	146	859475	52.033	ng	99
15) Benzyl Alcohol	8.016	79	612811	53.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	863443	51.300	ng	99
17) 2-Methylphenol	8.228	107	585120	53.563	ng	99
18) Hexachloroethane	8.845	117	312710	51.444	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	563847	53.672	ng	100
20) 3+4-Methylphenols	8.551	107	794422	53.851	ng	98
22) Acetophenone	8.592	105	1100024	52.827	ng	99
24) Nitrobenzene	8.969	77	779215	53.020	ng	99
25) Isophorone	9.498	82	1526436	52.685	ng	100
26) 2-Nitrophenol	9.680	139	415316	55.315	ng	99
27) 2,4-Dimethylphenol	9.751	122	674547	54.175	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	946285	52.843	ng	100
29) 2,4-Dichlorophenol	10.227	162	751117	53.847	ng	99
30) 1,2,4-Trichlorobenzene	10.427	180	891501	52.457	ng	98
31) Naphthalene	10.610	128	2214025	52.198	ng	100
32) Benzoic acid	9.922	122	431557	54.343	ng	98
33) 4-Chloroaniline	10.727	127	937309	53.913	ng	99
34) Hexachlorobutadiene	10.898	225	566049	52.471	ng	99
35) Caprolactam	11.522	113	218572	53.741	ng	92
36) 4-Chloro-3-methylphenol	11.869	107	688099	53.394	ng	98
37) 2-Methylnaphthalene	12.227	142	1494348	52.548	ng	99
38) 1-Methylnaphthalene	12.445	142	1572248	52.243	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1033027	53.822	ng	99
41) Hexachlorocyclopentadiene	12.580	237	649060	55.336	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	672901	55.275	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050029.D
 Acq On : 28 Apr 2025 15:45
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 28 17:57:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

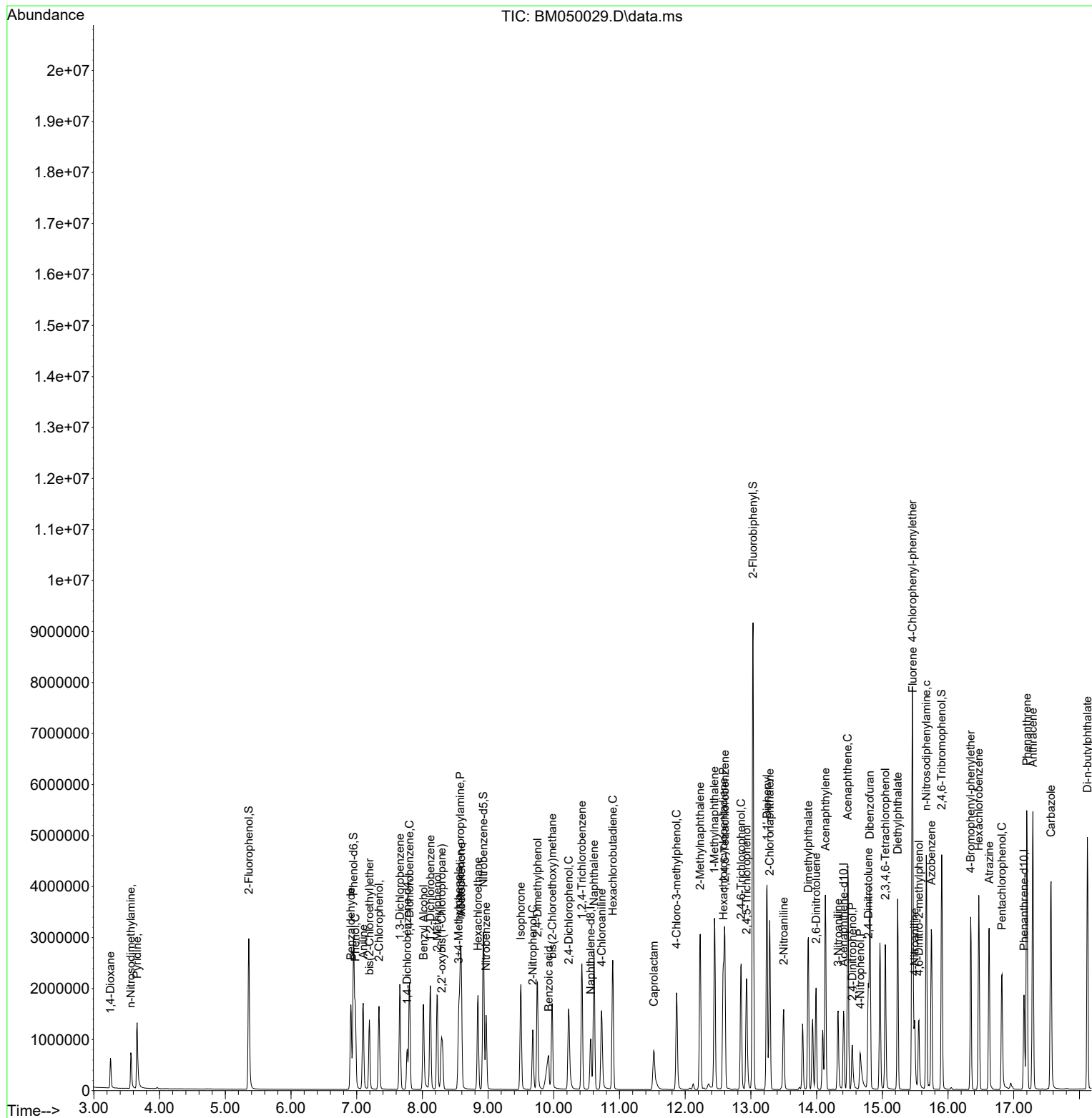
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	719930	54.841	ng	100
46) 1,1'-Biphenyl	13.245	154	2191996	53.185	ng	100
47) 2-Chloronaphthalene	13.286	162	1729678	52.989	ng	100
48) 2-Nitroaniline	13.498	65	421489	55.016	ng	99
49) Acenaphthylene	14.133	152	2731966	53.082	ng	100
50) Dimethylphthalate	13.874	163	2138242	52.770	ng	100
51) 2,6-Dinitrotoluene	13.992	165	458476	54.650	ng	99
52) Acenaphthene	14.474	154	1587472	53.287	ng	99
53) 3-Nitroaniline	14.327	138	450021	56.186	ng	96
54) 2,4-Dinitrophenol	14.545	184	269515	52.338	ng	99
55) Dibenzofuran	14.810	168	2617489	52.809	ng	100
56) 4-Nitrophenol	14.663	139	328078	52.029	ng	100
57) 2,4-Dinitrotoluene	14.786	165	648262	55.921	ng	99
58) Fluorene	15.462	166	2180247	53.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	617151	54.311	ng	99
60) Diethylphthalate	15.233	149	2011763	52.691	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1207514	54.188	ng	99
62) 4-Nitroaniline	15.492	138	445520	57.612	ng	99
63) Azobenzene	15.745	77	1703932	53.251	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	393191	56.806	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1815723	53.474	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	713498	53.359	ng	98
68) Hexachlorobenzene	16.468	284	815392	52.900	ng	98
69) Atrazine	16.627	200	669330	54.648	ng	99
70) Pentachlorophenol	16.821	266	475717	54.830	ng	99
71) Phenanthrene	17.198	178	3349195	53.702	ng	100
72) Anthracene	17.292	178	3417239	54.143	ng	100
73) Carbazole	17.568	167	2971695	54.260	ng	99
74) Di-n-butylphthalate	18.121	149	3530893	54.137	ng	100
75) Fluoranthene	19.215	202	4021516	54.922	ng	100
77) Benzidine	19.403	184	2110748	54.137	ng	100
78) Pyrene	19.580	202	4169831	54.097	ng	100
80) Butylbenzylphthalate	20.474	149	1557463	53.948	ng	96
81) Benzo(a)anthracene	21.380	228	4058011	53.687	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1639448	56.659	ng	99
83) Chrysene	21.444	228	3755543	53.683	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2336926	54.194	ng	98
85) Di-n-octyl phthalate	22.427	149	3852190	54.170	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	4369253	55.240	ng	99
88) Benzo(b)fluoranthene	23.450	252	3755728	54.405	ng	99
89) Benzo(k)fluoranthene	23.515	252	3844095	55.037	ng	99
90) Benzo(a)pyrene	24.262	252	3529489	54.588	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	3575099	55.448	ng	99
92) Benzo(g,h,i)perylene	28.850	276	3363778	54.494	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

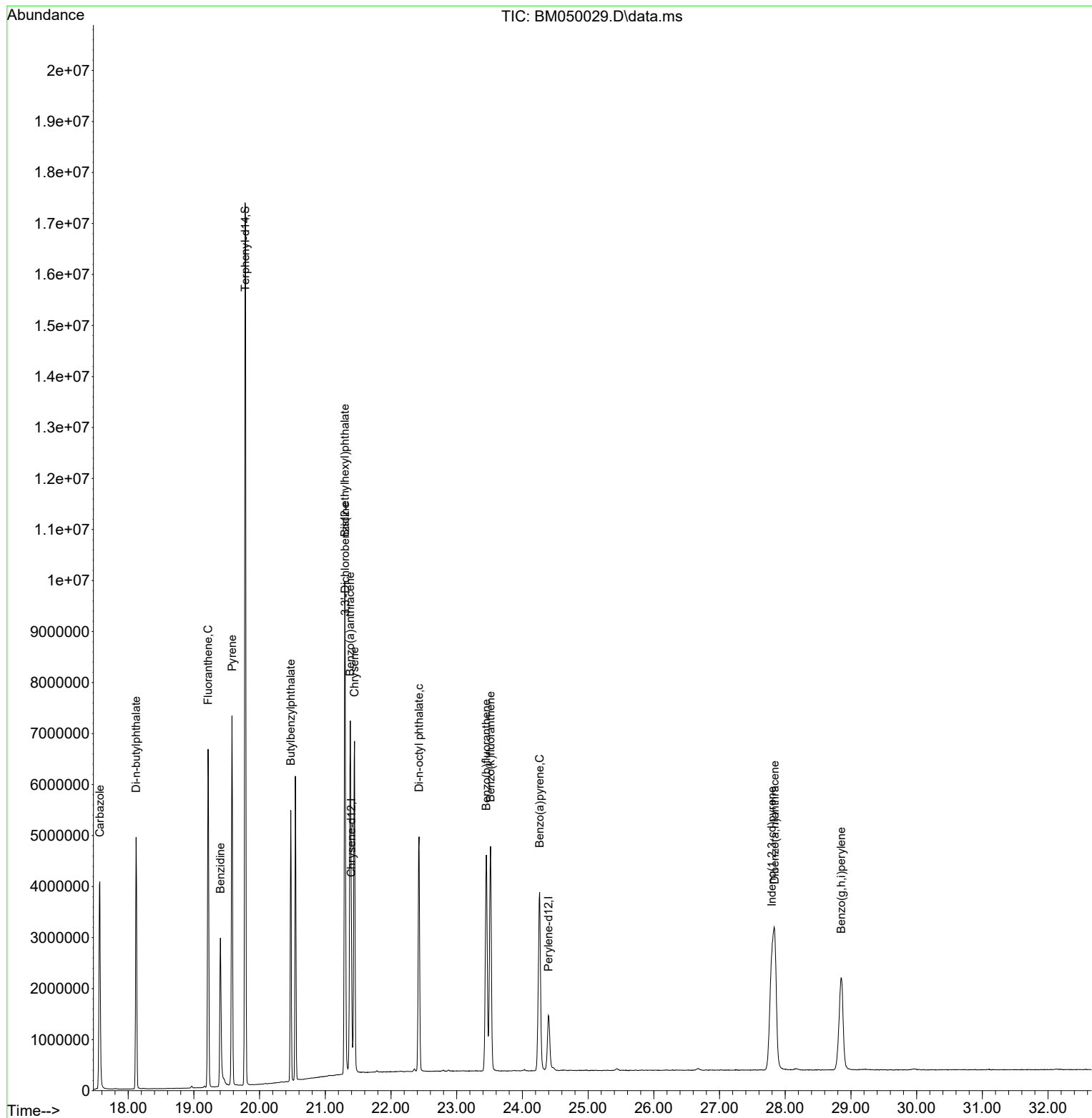
Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	238160	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	873845	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	580977	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1144389	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1144881	20.000	ng	0.00
86) Perylene-d12	24.397	264	1099459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1676078	123.234	ng	0.00
7) Phenol-d6	6.951	99	2135178	124.905	ng	0.00
23) Nitrobenzene-d5	8.928	82	2186546	123.300	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1107899	128.968	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	6079094	123.782	ng	0.00
79) Terphenyl-d14	19.780	244	10017186	129.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	350690	60.136	ng	99
3) Pyridine	3.658	79	923444	61.631	ng	99
4) n-Nitrosodimethylamine	3.563	42	360090	61.276	ng	98
6) Aniline	7.098	93	1339587	62.058	ng	100
8) 2-Chlorophenol	7.340	128	905849	61.600	ng	99
9) Benzaldehyde	6.910	77	683177	59.793	ng	99
10) Phenol	6.981	94	1072175	61.956	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	880705	60.947	ng	100
12) 1,3-Dichlorobenzene	7.657	146	1077725	60.670	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1083367	60.707	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1046214	60.691	ng	98
15) Benzyl Alcohol	8.016	79	750490	63.306	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1052561	59.922	ng	100
17) 2-Methylphenol	8.228	107	705836	61.914	ng	99
18) Hexachloroethane	8.845	117	380742	60.018	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	678107	61.851	ng	100
20) 3+4-Methylphenols	8.551	107	964063	62.619	ng	97
22) Acetophenone	8.592	105	1325893	61.030	ng	# 99
24) Nitrobenzene	8.969	77	938300	61.193	ng	99
25) Isophorone	9.498	82	1845274	61.044	ng	99
26) 2-Nitrophenol	9.681	139	504441	64.395	ng	99
27) 2,4-Dimethylphenol	9.751	122	816717	62.869	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	1138921	60.958	ng	100
29) 2,4-Dichlorophenol	10.228	162	920741	63.266	ng	98
30) 1,2,4-Trichlorobenzene	10.428	180	1079970	60.907	ng	100
31) Naphthalene	10.610	128	2682942	60.626	ng	100
32) Benzoic acid	9.928	122	556598	67.178	ng	98
33) 4-Chloroaniline	10.728	127	1146085	63.184	ng	99
34) Hexachlorobutadiene	10.898	225	689159	61.230	ng	99
35) Caprolactam	11.528	113	266678	62.845	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	832050	61.882	ng	100
37) 2-Methylnaphthalene	12.228	142	1815345	61.185	ng	99
38) 1-Methylnaphthalene	12.445	142	1916000	61.021	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1264090	62.853	ng	100
41) Hexachlorocyclopentadiene	12.580	237	814238	66.248	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	814256	63.832	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

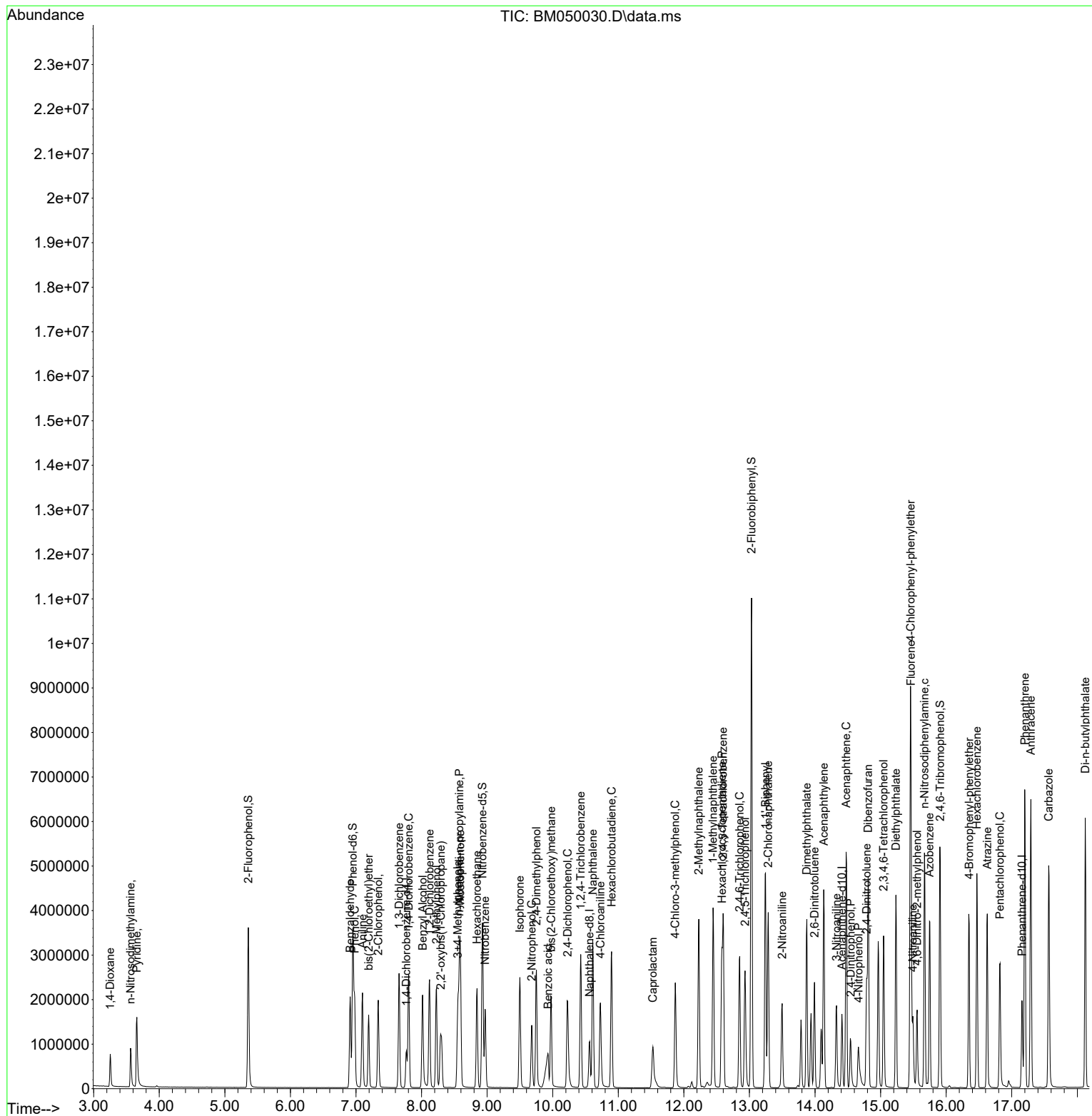
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	872921	63.459	ng	99
46) 1,1'-Biphenyl	13.245	154	2626494	60.817	ng	99
47) 2-Chloronaphthalene	13.286	162	2078242	60.760	ng	100
48) 2-Nitroaniline	13.498	65	512544	63.847	ng	99
49) Acenaphthylene	14.133	152	3292902	61.060	ng	100
50) Dimethylphthalate	13.874	163	2562233	60.347	ng	100
51) 2,6-Dinitrotoluene	13.992	165	551466	62.732	ng	99
52) Acenaphthene	14.474	154	1906973	61.089	ng	100
53) 3-Nitroaniline	14.327	138	541960	64.574	ng	99
54) 2,4-Dinitrophenol	14.545	184	327924	59.847	ng	97
55) Dibenzofuran	14.810	168	3154566	60.738	ng	100
56) 4-Nitrophenol	14.663	139	402106	60.088	ng	99
57) 2,4-Dinitrotoluene	14.786	165	779604	64.180	ng	98
58) Fluorene	15.463	166	2614340	61.497	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	752680	63.213	ng	98
60) Diethylphthalate	15.233	149	2397624	59.930	ng	99
61) 4-Chlorophenyl-phenylether	15.457	204	1457099	62.403	ng	98
62) 4-Nitroaniline	15.492	138	524887	64.776	ng	98
63) Azobenzene	15.745	77	2030208	60.550	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	473987	66.167	ng	98
66) n-Nitrosodiphenylamine	15.668	169	2158446	61.422	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	878886	63.509	ng	95
68) Hexachlorobenzene	16.468	284	1000366	62.711	ng	97
69) Atrazine	16.627	200	802538	63.312	ng	99
70) Pentachlorophenol	16.821	266	584874	65.136	ng	99
71) Phenanthrene	17.198	178	4028280	62.410	ng	99
72) Anthracene	17.292	178	4088295	62.590	ng	100
73) Carbazole	17.562	167	3562573	62.854	ng	100
74) Di-n-butylphthalate	18.121	149	4225922	62.607	ng	100
75) Fluoranthene	19.215	202	4891273	64.546	ng	100
77) Benzidine	19.404	184	2626747	64.592	ng	100
78) Pyrene	19.580	202	5030035	62.565	ng	100
80) Butylbenzylphthalate	20.474	149	1873444	62.216	ng	96
81) Benzo(a)anthracene	21.380	228	4954357	62.841	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	2003019	66.368	ng	99
83) Chrysene	21.445	228	4549388	62.348	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2797195	62.192	ng	# 97
85) Di-n-octyl phthalate	22.427	149	4605837	62.095	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	5248662	64.068	ng	99
88) Benzo(b)fluoranthene	23.456	252	4643026	64.936	ng	99
89) Benzo(k)fluoranthene	23.515	252	4561134	63.050	ng	100
90) Benzo(a)pyrene	24.262	252	4281665	63.936	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	4305928	64.478	ng	99
92) Benzo(g,h,i)perylene	28.850	276	4036958	63.142	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

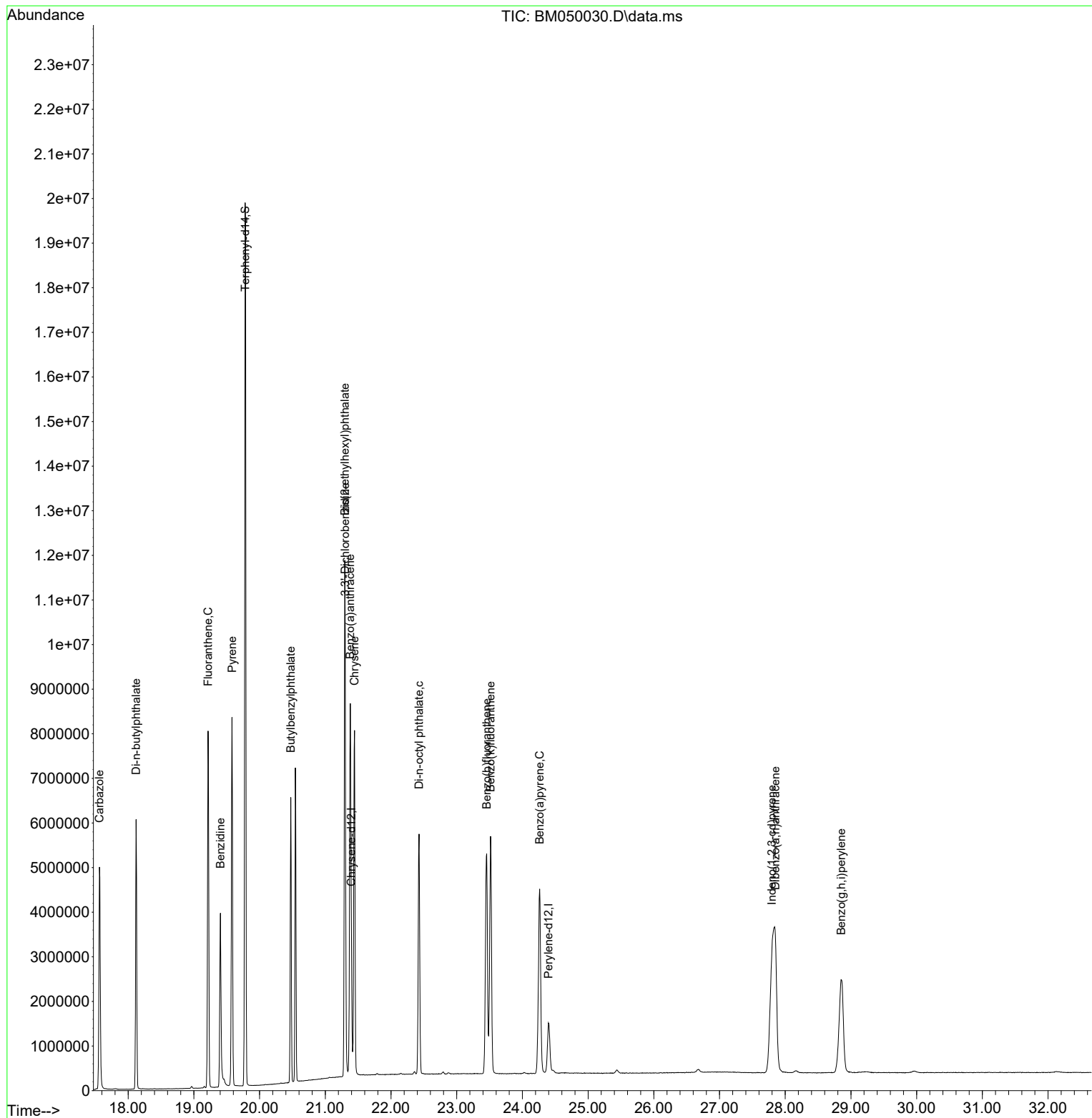
Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050031.D
 Acq On : 28 Apr 2025 17:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 28 17:59:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	251380	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	931435	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	613490	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1212251	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1197780	20.000	ng	0.00
86) Perylene-d12	24.397	264	1141905	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2297313	160.027	ng	0.00
7) Phenol-d6	6.957	99	2954036	163.719	ng	0.00
23) Nitrobenzene-d5	8.933	82	2984192	157.875	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1586083	174.847	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	8283812	159.736	ng	0.00
79) Terphenyl-d14	19.780	244	11877110	146.730	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.251	88	475912	77.317	ng 99
3) Pyridine	3.657	79	1267903	80.171	ng 99
4) n-Nitrosodimethylamine	3.563	42	492501	79.400	ng 99
6) Aniline	7.098	93	1845033	80.979	ng 99
8) 2-Chlorophenol	7.339	128	1241711	79.998	ng 100
9) Benzaldehyde	6.910	77	898993	74.544	ng 99
10) Phenol	6.981	94	1491194	81.638	ng 98
11) bis(2-Chloroethyl)ether	7.192	93	1224517	80.283	ng 99
12) 1,3-Dichlorobenzene	7.657	146	1460820	77.912	ng 100
13) 1,4-Dichlorobenzene	7.804	146	1465881	77.822	ng 99
14) 1,2-Dichlorobenzene	8.122	146	1412270	77.618	ng 99
15) Benzyl Alcohol	8.016	79	1055328	84.339	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1440484	77.694	ng 100
17) 2-Methylphenol	8.228	107	980375	81.473	ng 99
18) Hexachloroethane	8.845	117	513126	76.632	ng 98
19) n-Nitroso-di-n-propyla...	8.581	70	933468	80.665	ng 99
20) 3+4-Methylphenols	8.557	107	1348190	82.965	ng 99
22) Acetophenone	8.592	105	1815657	78.406	ng # 99
24) Nitrobenzene	8.975	77	1289068	78.871	ng 99
25) Isophorone	9.504	82	2559279	79.430	ng 100
26) 2-Nitrophenol	9.680	139	710174	85.053	ng 99
27) 2,4-Dimethylphenol	9.751	122	1136040	82.043	ng 99
28) bis(2-Chloroethoxy)met...	9.975	93	1581985	79.437	ng 99
29) 2,4-Dichlorophenol	10.222	162	1275806	82.243	ng 99
30) 1,2,4-Trichlorobenzene	10.427	180	1485344	78.590	ng 99
31) Naphthalene	10.610	128	3686066	78.143	ng 100
32) Benzoic acid	9.951	122	800660	90.660	ng 97
33) 4-Chloroaniline	10.727	127	1575909	81.508	ng 99
34) Hexachlorobutadiene	10.898	225	959905	80.012	ng 99
35) Caprolactam	11.539	113	371164	82.060	ng 98
36) 4-Chloro-3-methylphenol	11.869	107	1152624	80.424	ng 99
37) 2-Methylnaphthalene	12.227	142	2525532	79.858	ng 99
38) 1-Methylnaphthalene	12.451	142	2645483	79.045	ng 99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1799698	84.742	ng 99
41) Hexachlorocyclopentadiene	12.580	237	1185418	91.336	ng 99
43) 2,4,6-Trichlorophenol	12.851	196	1151641	85.496	ng 99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050031.D
 Acq On : 28 Apr 2025 17:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 28 17:59:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

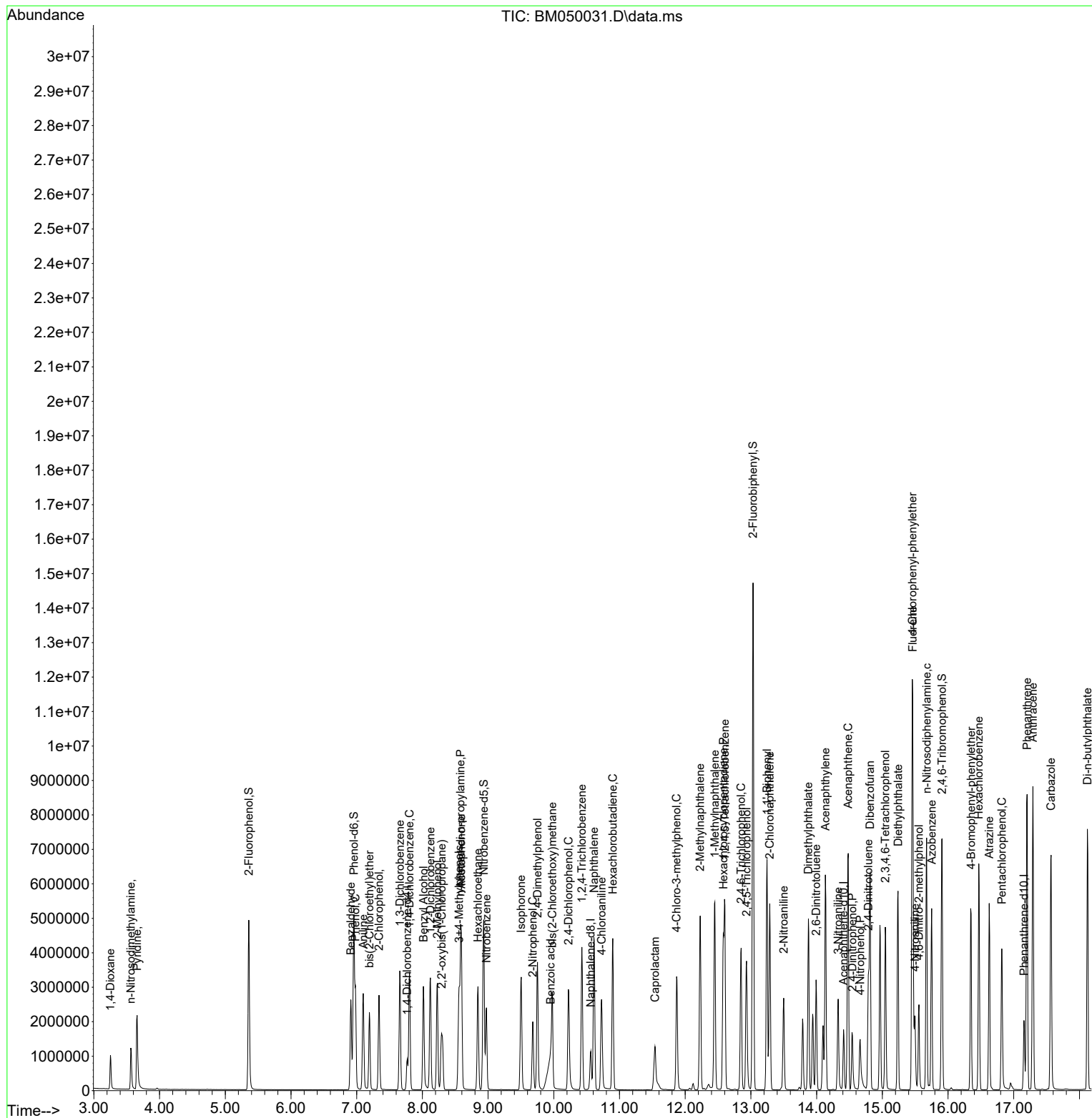
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	1220306	84.011	ng	98
46) 1,1'-Biphenyl	13.245	154	3613893	79.246	ng	99
47) 2-Chloronaphthalene	13.286	162	2842514	78.700	ng	99
48) 2-Nitroaniline	13.498	65	701256	82.725	ng	99
49) Acenaphthylene	14.133	152	4526874	79.492	ng	99
50) Dimethylphthalate	13.874	163	3507333	78.228	ng	99
51) 2,6-Dinitrotoluene	13.992	165	758296	81.689	ng	99
52) Acenaphthene	14.480	154	2618967	79.452	ng	100
53) 3-Nitroaniline	14.327	138	740202	83.521	ng	100
54) 2,4-Dinitrophenol	14.545	184	469472	79.096	ng	98
55) Dibenzofuran	14.815	168	4325783	78.875	ng	99
56) 4-Nitrophenol	14.662	139	566943	78.710	ng	99
57) 2,4-Dinitrotoluene	14.786	165	1080118	84.207	ng	96
58) Fluorene	15.462	166	3565506	79.426	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1057707	84.123	ng	96
60) Diethylphthalate	15.239	149	3257954	77.118	ng	97
61) 4-Chlorophenyl-phenyle...	15.457	204	2051105	83.186	ng	96
62) 4-Nitroaniline	15.498	138	724549	84.678	ng	99
63) Azobenzene	15.751	77	2723186	76.914	ng	95
65) 4,6-Dinitro-2-methylph...	15.557	198	665798	87.741	ng	96
66) n-Nitrosodiphenylamine	15.674	169	2957293	79.443	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	1225531	83.600	ng	94
68) Hexachlorobenzene	16.468	284	1412768	83.606	ng	95
69) Atrazine	16.627	200	1116818	83.174	ng	100
70) Pentachlorophenol	16.821	266	843195	88.648	ng	99
71) Phenanthrene	17.203	178	5487968	80.266	ng	99
72) Anthracene	17.292	178	5597195	80.893	ng	99
73) Carbazole	17.568	167	4845637	80.705	ng	99
74) Di-n-butylphthalate	18.121	149	5649166	79.007	ng	99
75) Fluoranthene	19.221	202	6841999	85.234	ng	99
77) Benzidine	19.403	184	3598340	84.575	ng	100
78) Pyrene	19.580	202	6959279	82.738	ng	99
80) Butylbenzylphthalate	20.474	149	2512705	79.760	ng	97
81) Benzo(a)anthracene	21.380	228	6747718	81.808	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	2782107	88.111	ng	99
83) Chrysene	21.444	228	6207632	81.316	ng	98
84) Bis(2-ethylhexyl)phtha...	21.297	149	3665836	77.905	ng	# 96
85) Di-n-octyl phthalate	22.427	149	6109632	78.732	ng	99
87) Indeno(1,2,3-cd)pyrene	27.803	276	7285836	85.629	ng	98
88) Benzo(b)fluoranthene	23.456	252	6347901	85.480	ng	99
89) Benzo(k)fluoranthene	23.521	252	6265924	83.396	ng	99
90) Benzo(a)pyrene	24.262	252	5925652	85.195	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	5981478	86.239	ng	99
92) Benzo(g,h,i)perylene	28.862	276	5537637	83.395	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

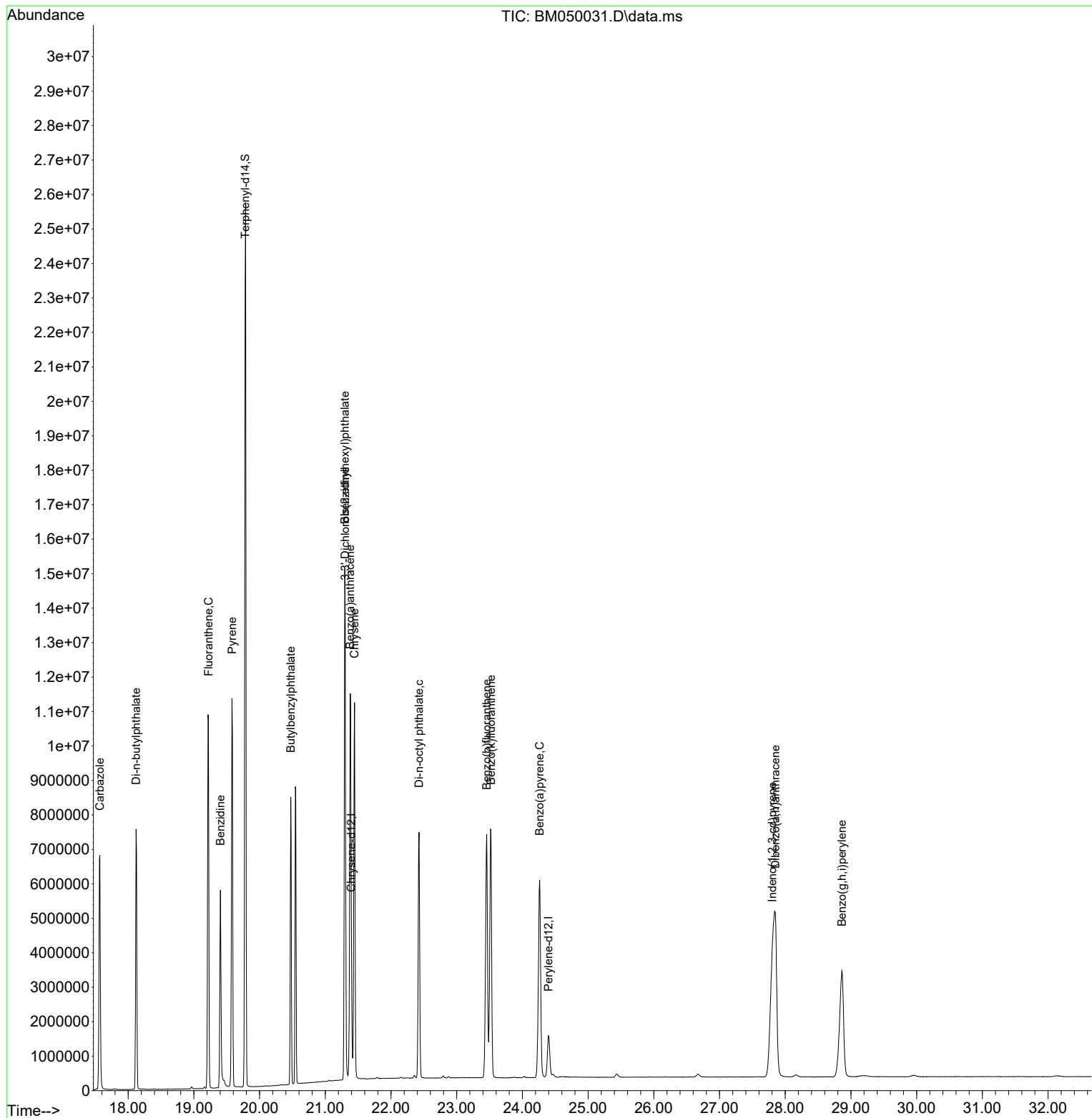
Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	230127	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	877692	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	605832	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1251563	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1285998	20.000	ng	0.00
86) Perylene-d12	24.397	264	1266367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1155553	87.928	ng	0.00
7) Phenol-d6	6.951	99	1488919	90.140	ng	0.00
23) Nitrobenzene-d5	8.928	82	1385703	77.798	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	810732	90.503	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3905385	76.259	ng	0.00
79) Terphenyl-d14	19.780	244	6863055	78.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	253433	44.976	ng	99
3) Pyridine	3.657	79	673723	46.534	ng	98
4) n-Nitrosodimethylamine	3.569	42	260951	45.956	ng	99
6) Aniline	7.098	93	974989	46.744	ng	98
8) 2-Chlorophenol	7.339	128	649705	45.724	ng	99
9) Benzaldehyde	6.910	77	485673m	43.937	ng	
10) Phenol	6.981	94	784469	46.913	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	635601	45.521	ng	98
12) 1,3-Dichlorobenzene	7.657	146	766772	44.672	ng	99
13) 1,4-Dichlorobenzene	7.804	146	774954	44.941	ng	100
14) 1,2-Dichlorobenzene	8.122	146	752460	45.174	ng	100
15) Benzyl Alcohol	8.016	79	551757	48.167	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	762583	44.929	ng	99
17) 2-Methylphenol	8.222	107	519426	47.153	ng	99
18) Hexachloroethane	8.845	117	274239	44.738	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	507362	47.892	ng	99
20) 3+4-Methylphenols	8.551	107	713683	47.974	ng	97
22) Acetophenone	8.592	105	985275	45.153	ng	100
24) Nitrobenzene	8.969	77	694640	45.104	ng	99
25) Isophorone	9.498	82	1384372	45.596	ng	99
26) 2-Nitrophenol	9.681	139	370477	47.087	ng	99
27) 2,4-Dimethylphenol	9.751	122	605475	46.404	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	842968	44.920	ng	100
29) 2,4-Dichlorophenol	10.228	162	677885	46.375	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	789816	44.348	ng	100
31) Naphthalene	10.610	128	1984698	44.651	ng	100
32) Benzoic acid	9.916	122	384400	46.063	ng	98
33) 4-Chloroaniline	10.727	127	863111	47.375	ng	99
34) Hexachlorobutadiene	10.898	225	497792	44.034	ng	99
35) Caprolactam	11.522	113	198108	46.481	ng	95
36) 4-Chloro-3-methylphenol	11.869	107	632365	46.825	ng	100
37) 2-Methylnaphthalene	12.227	142	1352170	45.374	ng	100
38) 1-Methylnaphthalene	12.445	142	1425407	45.198	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	925725	44.140	ng	100
41) Hexachlorocyclopentadiene	12.574	237	568717	44.374	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	613142	46.094	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

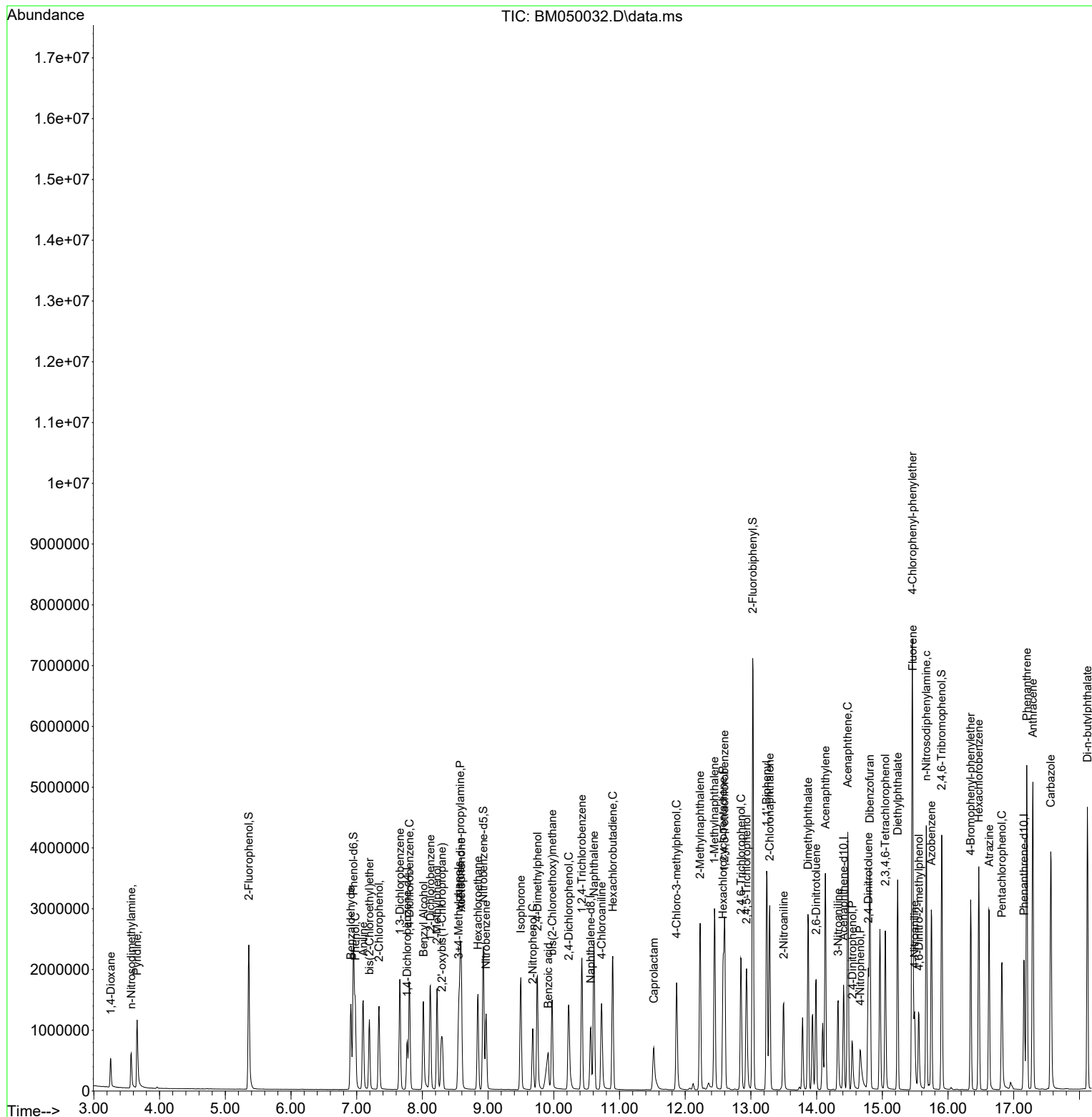
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	663718	46.271	ng	99
46) 1,1'-Biphenyl	13.239	154	1990852	44.207	ng	99
47) 2-Chloronaphthalene	13.286	162	1593769	44.684	ng	100
48) 2-Nitroaniline	13.498	65	398645	47.621	ng	99
49) Acenaphthylene	14.133	152	2548342	45.315	ng	100
50) Dimethylphthalate	13.868	163	2007342	45.338	ng	100
51) 2,6-Dinitrotoluene	13.992	165	435925	47.554	ng	98
52) Acenaphthene	14.474	154	1471672	45.210	ng	100
53) 3-Nitroaniline	14.327	138	427464	48.843	ng	99
54) 2,4-Dinitrophenol	14.545	184	249307	45.189	ng	98
55) Dibenzofuran	14.810	168	2427830	44.828	ng	99
56) 4-Nitrophenol	14.663	139	313065	46.012	ng	99
57) 2,4-Dinitrotoluene	14.786	165	611943	48.311	ng	97
58) Fluorene	15.462	166	2044284	46.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	583198	46.970	ng	98
60) Diethylphthalate	15.233	149	1889827	45.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1118837	45.950	ng	99
62) 4-Nitroaniline	15.492	138	427339	50.610	ng	100
63) Azobenzene	15.745	77	1599489	45.747	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	367586	46.920	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1709666	44.485	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	665088	43.944	ng	97
68) Hexachlorobenzene	16.468	284	770651	44.174	ng	98
69) Atrazine	16.627	200	616670	44.483	ng	99
70) Pentachlorophenol	16.821	266	452303	46.059	ng	99
71) Phenanthrene	17.198	178	3169143	44.895	ng	99
72) Anthracene	17.292	178	3241829	45.381	ng	100
73) Carbazole	17.562	167	2851516	46.001	ng	100
74) Di-n-butylphthalate	18.121	149	3370238	45.654	ng	100
75) Fluoranthene	19.215	202	3895046	46.998	ng	100
77) Benzidine	19.403	184	2019202	44.204	ng	100
78) Pyrene	19.580	202	3992384	44.209	ng	100
80) Butylbenzylphthalate	20.474	149	1512498	44.718	ng	96
81) Benzo(a)anthracene	21.380	228	4029064	45.497	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1487254	43.871	ng	98
83) Chrysene	21.439	228	3685603	44.967	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2284769	45.224	ng	99
85) Di-n-octyl phthalate	22.427	149	3747091	44.974	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	4364032	46.249	ng	99
88) Benzo(b)fluoranthene	23.450	252	3711451	45.066	ng	100
89) Benzo(k)fluoranthene	23.515	252	3813739	45.780	ng	100
90) Benzo(a)pyrene	24.262	252	3515582	45.577	ng	100
91) Dibenzo(a,h)anthracene	27.838	278	3545295	46.091	ng	100
92) Benzo(g,h,i)perylene	28.850	276	3345997	45.437	ng	100

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

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



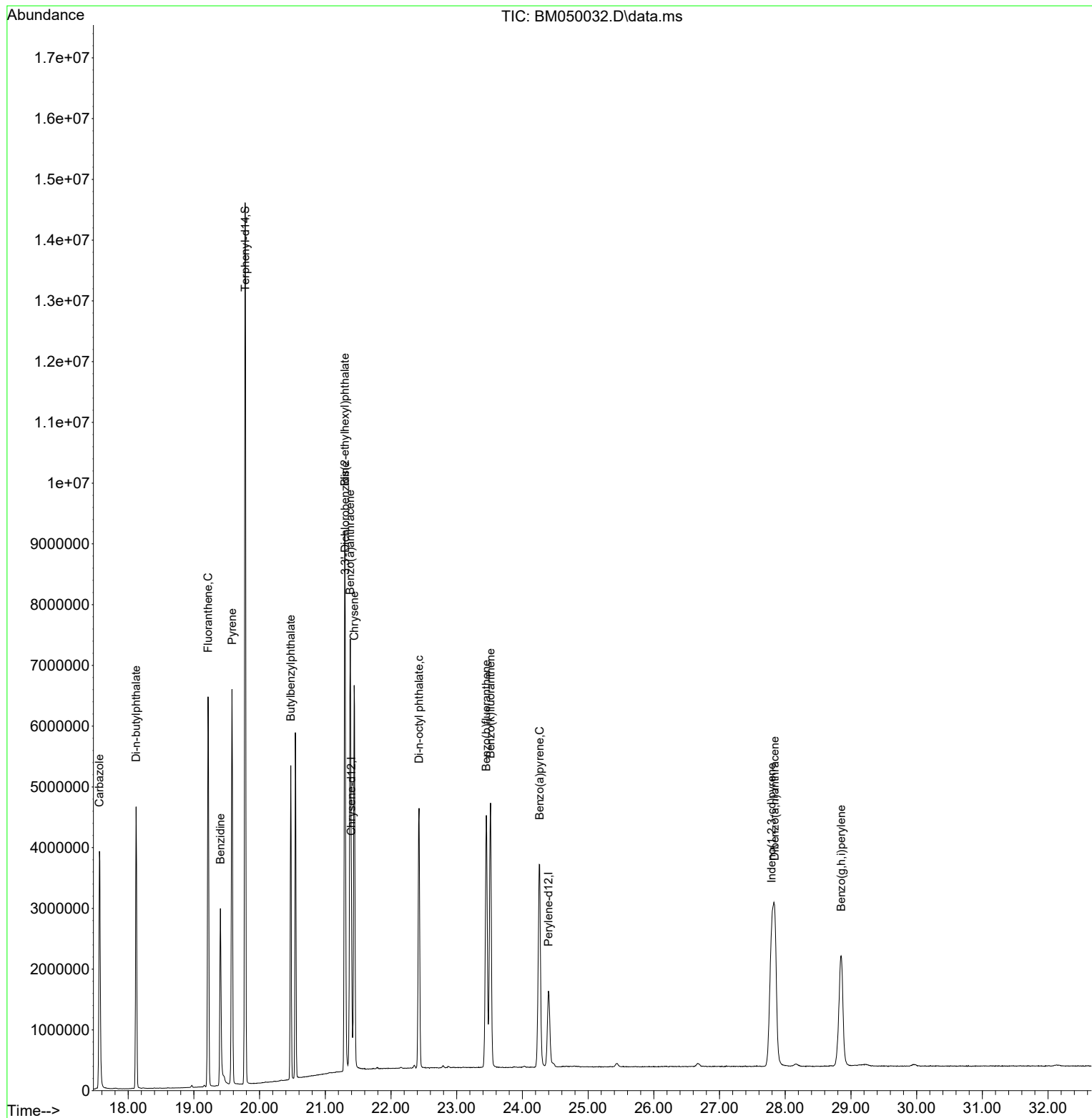
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
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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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
2	1,4-Dioxane	0.490	0.551	-12.4	103	0.00
3	Pyridine	1.258	1.464	-16.4	105	0.00
4	n-Nitrosodimethylamine	0.493	0.567	-15.0	104	0.00
5 S	2-Fluorophenol	1.142	1.255	-9.9	99	0.00
6	Aniline	1.813	2.118	-16.8	104	0.00
7 S	Phenol-d6	1.436	1.617	-12.6	100	0.00
8	2-Chlorophenol	1.235	1.412	-14.3	103	0.00
9	Benzaldehyde	0.961	1.055	-9.8	98	0.00
10 C	Phenol	1.453	1.704	-17.3	106	0.00
11	bis(2-Chloroethyl)ether	1.213	1.381	-13.8	103	0.00
12	1,3-Dichlorobenzene	1.492	1.666	-11.7	102	0.00
13 C	1,4-Dichlorobenzene	1.499	1.684	-12.3	103	0.00
14	1,2-Dichlorobenzene	1.448	1.635	-12.9	103	0.00
15	Benzyl Alcohol	0.996	1.199	-20.4	106	0.00
16	2,2'-oxybis(1-Chloropropane	1.475	1.657	-12.3	102	0.00
17	2-Methylphenol	0.957	1.129	-18.0	104	0.00
18	Hexachloroethane	0.533	0.596	-11.8	102	0.00
19 P	n-Nitroso-di-n-propylamine	0.921	1.102	-19.7	105	0.00
20	3+4-Methylphenols	1.293	1.551	-20.0	106	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22	Acetophenone	0.497	0.561	-12.9	104	0.00
23 S	Nitrobenzene-d5	0.406	0.395	2.7	90	0.00
24	Nitrobenzene	0.351	0.396	-12.8	104	0.00
25	Isophorone	0.692	0.789	-14.0	107	0.00
26 C	2-Nitrophenol	0.179	0.211	-17.9	106	0.00
27	2,4-Dimethylphenol	0.297	0.345	-16.2	105	0.00
28	bis(2-Chloroethoxy)methane	0.428	0.480	-12.1	104	0.00
29 C	2,4-Dichlorophenol	0.333	0.386	-15.9	105	0.00
30	1,2,4-Trichlorobenzene	0.406	0.450	-10.8	104	0.00
31	Naphthalene	1.013	1.131	-11.6	105	0.00
32	Benzoic acid	0.190	0.219	-15.3	109	0.00
33	4-Chloroaniline	0.415	0.492	-18.6	110	0.00
34 C	Hexachlorobutadiene	0.258	0.284	-10.1	103	0.00
35	Caprolactam	0.097	0.113	-16.5	107	0.00
36 C	4-Chloro-3-methylphenol	0.308	0.360	-16.9	109	0.00
37	2-Methylnaphthalene	0.679	0.770	-13.4	107	0.00
38	1-Methylnaphthalene	0.719	0.812	-12.9	106	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.692	0.764	-10.4	105	0.00
41 P	Hexachlorocyclopentadiene	0.423	0.469	-10.9	106	0.00
42 S	2,4,6-Tribromophenol	0.296	0.335	-13.2	108	0.00
43 C	2,4,6-Trichlorophenol	0.439	0.506	-15.3	109	0.00
44	2,4,5-Trichlorophenol	0.474	0.548	-15.6	108	0.00
45 S	2-Fluorobiphenyl	1.691	1.612	4.7	91	0.00
46	1,1'-Biphenyl	1.487	1.643	-10.5	107	0.00
47	2-Chloronaphthalene	1.177	1.315	-11.7	108	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.276	0.329	-19.2	112	0.00
49	Acenaphthylene	1.857	2.103	-13.2	109	0.00
50	Dimethylphthalate	1.462	1.657	-13.3	111	0.00
51	2,6-Dinitrotoluene	0.303	0.360	-18.8	113	0.00
52 C	Acenaphthene	1.075	1.215	-13.0	110	0.00
53	3-Nitroaniline	0.289	0.353	-22.1	113	0.00
54 P	2,4-Dinitrophenol	0.164	0.206	-25.6#	119	0.00
55	Dibenzofuran	1.788	2.004	-12.1	109	0.00
56 P	4-Nitrophenol	0.205	0.258	-25.9#	118	0.00
57	2,4-Dinitrotoluene	0.418	0.505	-20.8	113	0.00
58	Fluorene	1.463	1.687	-15.3	111	0.00
59	2,3,4,6-Tetrachlorophenol	0.410	0.481	-17.3	113	0.00
60	Diethylphthalate	1.377	1.560	-13.3	111	0.00
61	4-Chlorophenyl-phenylether	0.804	0.923	-14.8	110	0.00
62	4-Nitroaniline	0.279	0.353	-26.5#	115	0.00
63	Azobenzene	1.154	1.320	-14.4	111	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65	4,6-Dinitro-2-methylphenol	0.125	0.147	-17.6	117	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.683	-11.2	112	0.00
67	4-Bromophenyl-phenylether	0.242	0.266	-9.9	111	0.00
68	Hexachlorobenzene	0.279	0.308	-10.4	113	0.00
69	Atrazine	0.222	0.246	-10.8	112	0.00
70 C	Pentachlorophenol	0.157	0.181	-15.3	117	0.00
71	Phenanthrene	1.128	1.266	-12.2	115	0.00
72	Anthracene	1.142	1.295	-13.4	115	0.00
73	Carbazole	0.991	1.139	-14.9	116	0.00
74	Di-n-butylphthalate	1.180	1.346	-14.1	116	0.00
75 C	Fluoranthene	1.324	1.556	-17.5	119	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77	Benzydine	0.710	0.785	-10.6	117	0.00
78	Pyrene	1.404	1.552	-10.5	118	0.00
79 S	Terphenyl-d14	1.352	1.334	1.3	101	0.00
80	Butylbenzylphthalate	0.526	0.588	-11.8	121	0.00
81	Benzo(a)anthracene	1.377	1.567	-13.8	122	0.00
82	3,3'-Dichlorobenzidine	0.527	0.578	-9.7	115	0.00
83	Chrysene	1.275	1.433	-12.4	123	0.00
84	Bis(2-ethylhexyl)phthalate	0.786	0.888	-13.0	122	0.00
85 c	Di-n-octyl phthalate	1.296	1.457	-12.4	123	0.00
86 I	Perylene-d12	1.000	1.000	0.0	118	0.00
87	Indeno(1,2,3-cd)pyrene	1.490	1.723	-15.6	127	0.00
88	Benzo(b)fluoranthene	1.301	1.465	-12.6	123	0.00
89	Benzo(k)fluoranthene	1.316	1.506	-14.4	128	0.00
90 C	Benzo(a)pyrene	1.218	1.388	-14.0	127	0.00
91	Dibenzo(a,h)anthracene	1.215	1.400	-15.2	127	-0.01
92	Benzo(g,h,i)perylene	1.163	1.321	-13.6	126	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	95	0.00
2	1,4-Dioxane	40.000	44.976	-12.4	103	0.00
3	Pyridine	40.000	46.534	-16.3	105	0.00
4	n-Nitrosodimethylamine	40.000	45.956	-14.9	104	0.00
5 S	2-Fluorophenol	80.000	87.928	-9.9	99	0.00
6	Aniline	40.000	46.744	-16.9	104	0.00
7 S	Phenol-d6	80.000	90.140	-12.7	100	0.00
8	2-Chlorophenol	40.000	45.724	-14.3	103	0.00
9	Benzaldehyde	40.000	43.937	-9.8	98	0.00
10 C	Phenol	40.000	46.913	-17.3	106	0.00
11	bis(2-Chloroethyl)ether	40.000	45.521	-13.8	103	0.00
12	1,3-Dichlorobenzene	40.000	44.672	-11.7	102	0.00
13 C	1,4-Dichlorobenzene	40.000	44.941	-12.4	103	0.00
14	1,2-Dichlorobenzene	40.000	45.174	-12.9	103	0.00
15	Benzyl Alcohol	40.000	48.167	-20.4	106	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	44.929	-12.3	102	0.00
17	2-Methylphenol	40.000	47.153	-17.9	104	0.00
18	Hexachloroethane	40.000	44.738	-11.8	102	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	47.892	-19.7	105	0.00
20	3+4-Methylphenols	40.000	47.974	-19.9	106	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22	Acetophenone	40.000	45.153	-12.9	104	0.00
23 S	Nitrobenzene-d5	80.000	77.798	2.8	90	0.00
24	Nitrobenzene	40.000	45.104	-12.8	104	0.00
25	Isophorone	40.000	45.596	-14.0	107	0.00
26 C	2-Nitrophenol	40.000	47.087	-17.7	106	0.00
27	2,4-Dimethylphenol	40.000	46.404	-16.0	105	0.00
28	bis(2-Chloroethoxy)methane	40.000	44.920	-12.3	104	0.00
29 C	2,4-Dichlorophenol	40.000	46.375	-15.9	105	0.00
30	1,2,4-Trichlorobenzene	40.000	44.348	-10.9	104	0.00
31	Naphthalene	40.000	44.651	-11.6	105	0.00
32	Benzoic acid	40.000	46.063	-15.2	109	0.00
33	4-Chloroaniline	40.000	47.375	-18.4	110	0.00
34 C	Hexachlorobutadiene	40.000	44.034	-10.1	103	0.00
35	Caprolactam	40.000	46.481	-16.2	107	0.00
36 C	4-Chloro-3-methylphenol	40.000	46.825	-17.1	109	0.00
37	2-Methylnaphthalene	40.000	45.374	-13.4	107	0.00
38	1-Methylnaphthalene	40.000	45.198	-13.0	106	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	44.140	-10.4	105	0.00
41 P	Hexachlorocyclopentadiene	40.000	44.374	-10.9	106	0.00
42 S	2,4,6-Tribromophenol	80.000	90.503	-13.1	108	0.00
43 C	2,4,6-Trichlorophenol	40.000	46.094	-15.2	109	0.00
44	2,4,5-Trichlorophenol	40.000	46.271	-15.7	108	0.00
45 S	2-Fluorobiphenyl	80.000	76.259	4.7	91	0.00
46	1,1'-Biphenyl	40.000	44.207	-10.5	107	0.00
47	2-Chloronaphthalene	40.000	44.684	-11.7	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	47.621	-19.1	112	0.00
49	Acenaphthylene	40.000	45.315	-13.3	109	0.00
50	Dimethylphthalate	40.000	45.338	-13.3	111	0.00
51	2,6-Dinitrotoluene	40.000	47.554	-18.9	113	0.00
52 C	Acenaphthene	40.000	45.210	-13.0	110	0.00
53	3-Nitroaniline	40.000	48.843	-22.1	113	0.00
54 P	2,4-Dinitrophenol	40.000	45.189	-13.0	119	0.00
55	Dibenzofuran	40.000	44.828	-12.1	109	0.00
56 P	4-Nitrophenol	40.000	46.012	-15.0	118	0.00
57	2,4-Dinitrotoluene	40.000	48.311	-20.8	113	0.00
58	Fluorene	40.000	46.115	-15.3	111	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	46.970	-17.4	113	0.00
60	Diethylphthalate	40.000	45.299	-13.2	111	0.00
61	4-Chlorophenyl-phenylether	40.000	45.950	-14.9	110	0.00
62	4-Nitroaniline	40.000	50.610	-26.5#	115	0.00
63	Azobenzene	40.000	45.747	-14.4	111	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65	4,6-Dinitro-2-methylphenol	40.000	46.920	-17.3	117	0.00
66 c	n-Nitrosodiphenylamine	40.000	44.485	-11.2	112	0.00
67	4-Bromophenyl-phenylether	40.000	43.944	-9.9	111	0.00
68	Hexachlorobenzene	40.000	44.174	-10.4	113	0.00
69	Atrazine	40.000	44.483	-11.2	112	0.00
70 C	Pentachlorophenol	40.000	46.059	-15.1	117	0.00
71	Phenanthrene	40.000	44.895	-12.2	115	0.00
72	Anthracene	40.000	45.381	-13.5	115	0.00
73	Carbazole	40.000	46.001	-15.0	116	0.00
74	Di-n-butylphthalate	40.000	45.654	-14.1	116	0.00
75 C	Fluoranthene	40.000	46.998	-17.5	119	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77	Benzydine	40.000	44.204	-10.5	117	0.00
78	Pyrene	40.000	44.209	-10.5	118	0.00
79 S	Terphenyl-d14	80.000	78.970	1.3	101	0.00
80	Butylbenzylphthalate	40.000	44.718	-11.8	121	0.00
81	Benzo(a)anthracene	40.000	45.497	-13.7	122	0.00
82	3,3'-Dichlorobenzidine	40.000	43.871	-9.7	115	0.00
83	Chrysene	40.000	44.967	-12.4	123	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	45.224	-13.1	122	0.00
85 c	Di-n-octyl phthalate	40.000	44.974	-12.4	123	0.00
86 I	Perylene-d12	20.000	20.000	0.0	118	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	46.249	-15.6	127	0.00
88	Benzo(b)fluoranthene	40.000	45.066	-12.7	123	0.00
89	Benzo(k)fluoranthene	40.000	45.780	-14.5	128	0.00
90 C	Benzo(a)pyrene	40.000	45.577	-13.9	127	0.00
91	Dibenzo(a,h)anthracene	40.000	46.091	-15.2	127	-0.01
92	Benzo(g,h,i)perylene	40.000	45.437	-13.6	126	0.00

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

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SPCC's out = 0 CCC's out = 0



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.: Q1929 SAS No.: Q1929 SDG No.: Q1929
 Instrument ID: BNA_P Calibration Date(s): 04/14/2025 04/14/2025
 Calibration Time(s): 11:06 17:13

LAB FILE ID:		RRF2.5 = BP024275.D		RRF005 = BP024276.D		RRF010 = BP024277.D		
		RRF020 = BP024278.D		RRF040 = BP024279.D		RRF050 = BP024280.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.265	1.280	1.422	1.396	1.333	1.351	4.4
2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.210	4.9
Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.656	6.7
1,4-Dichlorobenzene		1.496	1.489	1.550	1.494	1.436	1.475	3.3
2-Methylphenol		0.915	1.002	1.123	1.140	1.105	1.075	8.0
3+4-Methylphenols		1.224	1.365	1.560	1.592	1.567	1.491	9.6
Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.351	4.8
Hexachloroethane		0.532	0.537	0.558	0.542	0.521	0.533	2.9
Nitrobenzene		0.328	0.334	0.362	0.364	0.349	0.347	4.0
Hexachlorobutadiene		0.181	0.181	0.186	0.189	0.181	0.183	1.6
2,4,6-Trichlorophenol		0.301	0.335	0.369	0.389	0.386	0.366	9.5
2-Fluorobiphenyl		1.332	1.334	1.359	1.366	1.263	1.306	4.1
2,4,5-Trichlorophenol		0.332	0.371	0.409	0.427	0.429	0.405	9.6
2,4-Dinitrotoluene		0.334	0.368	0.439	0.448	0.442	0.421	11.8
2,4,6-Tribromophenol		0.235	0.256	0.278	0.289	0.289	0.277	8.3
Hexachlorobenzene		0.247	0.247	0.260	0.271	0.261	0.260	3.7
Pentachlorophenol		0.143	0.155	0.175	0.196	0.197	0.181	13.3
Terphenyl-d14		0.967	0.998	1.055	1.032	1.005	0.992	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP041425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Apr 15 04:48:42 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP024275.D 5 =BP024276.D 10 =BP024277.D 20 =BP024278.D 40 =BP024279.D 50 =BP024280.D 60 =BP024281.D 80 =BP024282.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.551	0.517	0.552	0.512	0.481	0.490	0.477	0.512	6.10
3)	Pyridine		1.265	1.280	1.422	1.396	1.333	1.383	1.378	1.351	4.43
4)	n-Nitrosodimet...		0.424	0.443	0.469	0.457	0.442	0.460	0.444	0.448	3.29
5) S	2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.277	1.196	1.210	4.93
6)	Aniline		1.439	1.487	1.636	1.587	1.403	1.428	1.380	1.480	6.52
7) S	Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.769	1.647	1.656	6.75
8)	2-Chlorophenol		1.260	1.297	1.412	1.399	1.359	1.400	1.328	1.350	4.30
9)	Benzaldehyde		0.943	0.934	0.942	0.836	0.732	0.726	0.621	0.819	15.70
10) C	Phenol		1.475	1.565	1.720	1.750	1.698	1.779	1.643	1.661	6.54
11)	bis(2-Chloroet...		1.278	1.317	1.399	1.398	1.321	1.358	1.300	1.339	3.56
12)	1,3-Dichlorobe...		1.464	1.486	1.534	1.486	1.402	1.433	1.373	1.454	3.79
13) C	1,4-Dichlorobe...		1.496	1.489	1.550	1.494	1.436	1.463	1.399	1.475	3.28
14)	1,2-Dichlorobe...		1.472	1.441	1.502	1.445	1.362	1.411	1.339	1.424	4.10
15)	Benzyl Alcohol		0.857	0.935	1.106	1.158	1.142	1.178	1.122	1.071	11.58
16)	2,2'-oxybis(1-...		1.452	1.496	1.517	1.514	1.405	1.397	1.348	1.447	4.54
17)	2-Methylphenol		0.915	1.002	1.123	1.140	1.105	1.150	1.087	1.075	7.97
18)	Hexachloroethane		0.532	0.537	0.558	0.542	0.521	0.533	0.510	0.533	2.88
19) P	n-Nitroso-di-n...	0.941	1.008	1.008	1.088	1.084	1.041	1.038	0.989	1.025	4.76
20)	3+4-Methylphenols		1.224	1.365	1.560	1.592	1.567	1.607	1.525	1.491	9.57
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.470	0.487	0.522	0.519	0.490	0.495	0.483	0.495	3.85
23) S	Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.356	0.347	0.351	4.76
24)	Nitrobenzene		0.328	0.334	0.362	0.364	0.349	0.353	0.340	0.347	3.96
25)	Isophorone		0.575	0.601	0.653	0.673	0.650	0.654	0.639	0.635	5.41
26) C	2-Nitrophenol		0.130	0.143	0.172	0.183	0.184	0.191	0.186	0.170	13.97
27)	2,4-Dimethylph...		0.180	0.194	0.219	0.226	0.225	0.228	0.221	0.213	8.81
28)	bis(2-Chloroet...		0.412	0.426	0.444	0.452	0.430	0.425	0.412	0.429	3.51
29) C	2,4-Dichloroph...		0.242	0.268	0.297	0.308	0.307	0.311	0.302	0.291	8.94
30)	1,2,4-Trichlor...		0.308	0.305	0.318	0.321	0.309	0.315	0.306	0.311	2.00
31)	Naphthalene		1.044	1.054	1.091	1.079	1.037	1.048	1.023	1.054	2.27
32)	Benzoic acid			0.185	0.226	0.242	0.270	0.285	0.282	0.248	15.56
33)	4-Chloroaniline		0.328	0.349	0.389	0.397	0.378	0.379	0.378	0.371	6.46
34) C	Hexachlorobuta...		0.181	0.181	0.186	0.189	0.181	0.182	0.182	0.183	1.62
35)	Caprolactam		0.085	0.092	0.111	0.112	0.115	0.121	0.115	0.107	12.53
36) C	4-Chloro-3-met...		0.284	0.310	0.349	0.357	0.356	0.363	0.351	0.339	8.82
37)	2-Methylnaphth...		0.700	0.720	0.755	0.755	0.733	0.740	0.712	0.731	2.89
38)	1-Methylnaphth...		0.700	0.714	0.737	0.731	0.712	0.718	0.691	0.715	2.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP041425.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.522	0.538	0.568	0.576	0.544	0.549	0.552	0.550	3.33	
41) P	Hexachlorocycl...	0.162	0.185	0.197	0.218	0.199	0.197	0.204	0.195	8.92	
42) S	2,4,6-Tribromo...	0.235	0.256	0.278	0.289	0.289	0.296	0.294	0.277	8.29	
43) C	2,4,6-Trichlor...	0.301	0.335	0.369	0.389	0.386	0.390	0.390	0.366	9.51	
44)	2,4,5-Trichlor...	0.332	0.371	0.409	0.427	0.429	0.436	0.430	0.405	9.62	
45) S	2-Fluorobiphenyl	1.332	1.334	1.359	1.366	1.263	1.251	1.240	1.306	4.08	
46)	1,1'-Biphenyl	1.454	1.489	1.528	1.529	1.434	1.428	1.429	1.470	3.07	
47)	2-Chloronaphth...	1.063	1.100	1.135	1.139	1.085	1.090	1.078	1.099	2.60	
48)	2-Nitroaniline	0.250	0.270	0.317	0.330	0.324	0.335	0.331	0.308	10.98	
49)	Acenaphthylene	1.604	1.680	1.793	1.814	1.726	1.763	1.730	1.730	4.11	
50)	Dimethylphthalate	1.429	1.416	1.495	1.495	1.460	1.460	1.426	1.454	2.22	
51)	2,6-Dinitrotol...	0.264	0.290	0.319	0.325	0.319	0.328	0.317	0.309	7.58	
52) C	Acenaphthene	1.087	1.087	1.141	1.126	1.081	1.079	1.076	1.097	2.35	
53)	3-Nitroaniline	0.250	0.289	0.338	0.354	0.342	0.340	0.358	0.325	12.25	
54) P	2,4-Dinitrophenol		0.125	0.163	0.186	0.196	0.210	0.211	0.182	18.22	
55)	Dibenzofuran	1.801	1.807	1.871	1.833	1.746	1.768	1.723	1.793	2.84	
56) P	4-Nitrophenol	0.190	0.231	0.289	0.305	0.306	0.323	0.317	0.280	17.90	
57)	2,4-Dinitrotol...	0.334	0.368	0.439	0.448	0.442	0.463	0.456	0.421	11.82	
58)	Fluorene	1.376	1.397	1.454	1.398	1.368	1.366	1.356	1.388	2.40	
59)	2,3,4,6-Tetrac...	0.327	0.351	0.380	0.389	0.387	0.390	0.389	0.373	6.57	
60)	Diethylphthalate	1.451	1.484	1.528	1.550	1.499	1.499	1.481	1.499	2.16	
61)	4-Chlorophenyl...	0.667	0.675	0.699	0.680	0.667	0.670	0.659	0.674	1.95	
62)	4-Nitroaniline	0.263	0.300	0.353	0.369	0.364	0.380	0.376	0.344	12.99	
63)	Azobenzene	1.269	1.383	1.446	1.431	1.385	1.385	1.344	1.378	4.26	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.095	0.118	0.131	0.134	0.140	0.138	0.126	13.50	
66) c	n-Nitrosodiphe...	0.567	0.585	0.616	0.630	0.591	0.608	0.580	0.597	3.71	
67)	4-Bromophenyl-...	0.203	0.212	0.220	0.230	0.220	0.225	0.222	0.219	4.11	
68)	Hexachlorobenzene	0.247	0.247	0.260	0.271	0.261	0.269	0.263	0.260	3.67	
69)	Atrazine	0.176	0.167	0.134	0.121	0.162			0.152	15.57	
70) C	Pentachlorophenol	0.143	0.155	0.175	0.196	0.197	0.203	0.201	0.181	13.35	
71)	Phenanthrene	1.098	1.086	1.117	1.127	1.070	1.082	1.058	1.091	2.27	
72)	Anthracene	0.995	1.017	1.084	1.111	1.053	1.071	1.030	1.052	3.85	
73)	Carbazole	0.968	0.998	1.060	1.084	1.014	1.037	1.031	1.027	3.78	
74)	Di-n-butylphth...	1.147	1.230	1.253	1.398	1.310	1.338	1.284	1.280	6.30	
75) C	Fluoranthene	1.289	1.274	1.316	1.347	1.280	1.304	1.274	1.298	2.07	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.144	0.141	0.109	0.436	0.333	0.302	0.307	0.254	48.39	
78)	Pyrene	1.192	1.236	1.345	1.305	1.294	1.305	1.219	1.271	4.38	
79) S	Terphenyl-d14	0.967	0.998	1.055	1.032	1.005	0.964	0.926	0.992	4.42	
80)	Butylbenzylpht...	0.434	0.488	0.546	0.596	0.580	0.593	0.574	0.544	11.25	
81)	Benzo(a)anthra...	1.195	1.214	1.292	1.293	1.234	1.253	1.221	1.243	3.08	
82)	3,3'-Dichlorob...	0.345	0.383	0.431	0.486	0.463	0.485	0.460	0.436	12.30	
83)	Chrysene	1.180	1.181	1.229	1.213	1.173	1.193	1.167	1.191	1.88	
84)	Bis(2-ethylhex...	0.639	0.735	0.779	0.893	0.853	0.867	0.819	0.798	11.09	
85) c	Di-n-octyl pht...	0.945	1.093	1.222	1.461	1.430	1.486	1.446	1.297	16.46	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

		-----ISTD-----	
86) I	Perylene-d12		
87)	Indeno(1,2,3-c...	1.252 1.304 1.407 1.444 1.401 1.445 1.466 1.388	5.77
88)	Benzo(b)fluora...	1.130 1.174 1.217 1.258 1.196 1.205 1.212 1.199	3.30
89)	Benzo(k)fluora...	1.088 1.131 1.217 1.212 1.154 1.166 1.138 1.158	3.94
90) C	Benzo(a)pyrene	0.939 0.971 1.057 1.091 1.053 1.070 1.058 1.034	5.44
91)	Dibenzo(a,h)an...	1.046 1.089 1.172 1.203 1.169 1.186 1.202 1.152	5.28
92)	Benzo(g,h,i)pe...	1.073 1.110 1.198 1.218 1.180 1.209 1.224 1.173	4.99

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024275.D
Acq On : 14 Apr 2025 11:06
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 14 17:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

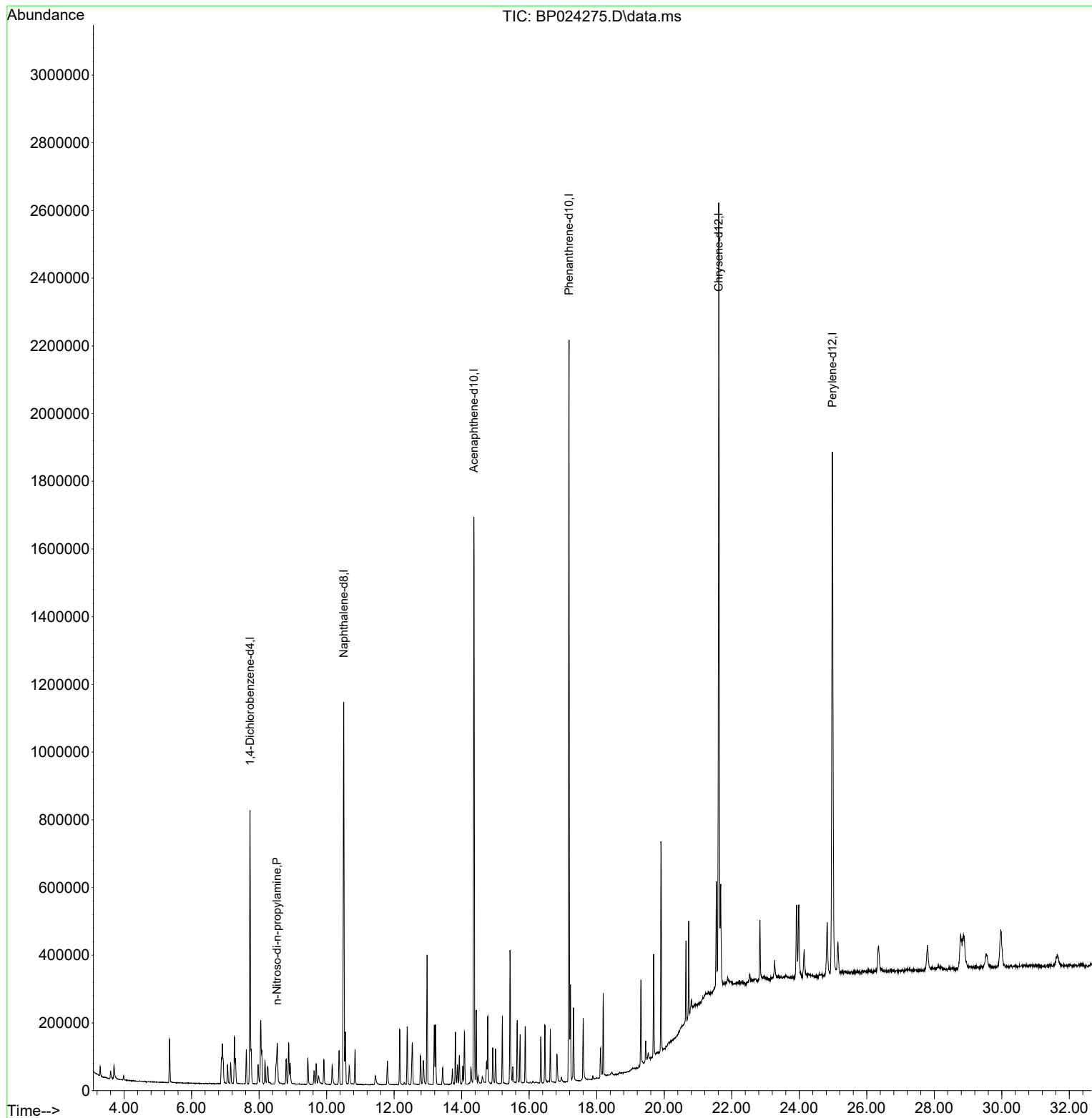
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	229109	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	962244	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	614109	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1238206	20.000	ng	0.02
76) Chrysene-d12	21.616	240	1367665	20.000	ng	0.00
86) Perylene-d12	24.980	264	1473609	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
19) n-Nitroso-di-n-propyla...	8.528	70	26959	2.285	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024275.D
Acq On : 14 Apr 2025 11:06
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 14 17:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024276.D
 Acq On : 14 Apr 2025 11:47
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Apr 14 17:26:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	223010	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	946483	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	609743	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1234074	20.000	ng	0.00
76) Chrysene-d12	21.610	240	1401979	20.000	ng	-0.01
86) Perylene-d12	24.968	264	1519057	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	125173	9.263	ng	0.00
7) Phenol-d6	6.916	99	163122	8.824	ng	0.00
23) Nitrobenzene-d5	8.875	82	152286	9.160	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	71560	8.571	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	406060	10.111	ng	0.00
79) Terphenyl-d14	19.886	244	677812	9.638	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	30738	5.328	ng 100
3) Pyridine	3.699	79	70539	4.697	ng 97
4) n-Nitrosodimethylamine	3.599	42	23634	4.720	ng # 90
6) Aniline	7.069	93	80239	4.808	ng 99
8) 2-Chlorophenol	7.305	128	70239	4.651	ng 98
9) Benzaldehyde	6.887	77	52595m	5.493	ng
10) Phenol	6.940	94	82245	4.431	ng 97
11) bis(2-Chloroethyl)ether	7.163	93	71228	4.749	ng 97
12) 1,3-Dichlorobenzene	7.622	146	81600	4.987	ng 98
13) 1,4-Dichlorobenzene	7.769	146	83408	5.027	ng 99
14) 1,2-Dichlorobenzene	8.081	146	82066	5.115	ng 98
15) Benzyl Alcohol	7.975	79	47777	4.032	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.258	45	80975	4.962	ng 97
17) 2-Methylphenol	8.175	107	51039	4.267	ng 99
18) Hexachloroethane	8.805	117	29643	4.950	ng 99
19) n-Nitroso-di-n-propyla...	8.528	70	56212	4.896	ng 96
20) 3+4-Methylphenols	8.505	107	68264	4.120	ng 99
22) Acetophenone	8.546	105	111159	4.725	ng 99
24) Nitrobenzene	8.922	77	77593	4.709	ng 96
25) Isophorone	9.446	82	136090	4.534	ng 99
26) 2-Nitrophenol	9.628	139	30712	3.882	ng 99
27) 2,4-Dimethylphenol	9.693	122	42510	4.239	ng 94
28) bis(2-Chloroethoxy)met...	9.922	93	97512	4.774	ng 98
29) 2,4-Dichlorophenol	10.169	162	57301	4.193	ng 97
30) 1,2,4-Trichlorobenzene	10.369	180	72789	4.923	ng 98
31) Naphthalene	10.557	128	246999	4.930	ng 99
33) 4-Chloroaniline	10.669	127	77667	4.437	ng 98
34) Hexachlorobutadiene	10.846	225	42723	4.926	ng 99
35) Caprolactam	11.446	113	20082	4.002	ng 94
36) 4-Chloro-3-methylphenol	11.804	107	67116	4.214	ng 100
37) 2-Methylnaphthalene	12.169	142	165617	4.770	ng 99
38) 1-Methylnaphthalene	12.399	142	165656	4.870	ng 99
40) 1,2,4,5-Tetrachloroben...	12.540	216	79501	4.744	ng 100
41) Hexachlorocyclopentadiene	12.528	237	24696	4.198	ng 96
43) 2,4,6-Trichlorophenol	12.787	196	45925	4.165	ng 95
44) 2,4,5-Trichlorophenol	12.863	196	50675	4.147	ng 99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024276.D
 Acq On : 14 Apr 2025 11:47
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Apr 14 17:26:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.187	154	221653	4.922	ng	99
47) 2-Chloronaphthalene	13.234	162	162099	4.824	ng	99
48) 2-Nitroaniline	13.440	65	38152	4.111	ng	90
49) Acenaphthylene	14.087	152	244566	4.637	ng	99
50) Dimethylphthalate	13.822	163	217848	4.897	ng	100
51) 2,6-Dinitrotoluene	13.934	165	40182	4.287	ng	94
52) Acenaphthene	14.428	154	165694	4.940	ng	97
53) 3-Nitroaniline	14.275	138	38178	3.926	ng #	94
55) Dibenzofuran	14.769	168	274506	4.991	ng	99
56) 4-Nitrophenol	14.610	139	29033	3.473	ng	98
57) 2,4-Dinitrotoluene	14.745	165	50843	4.013	ng	97
58) Fluorene	15.428	166	209763	4.939	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.004	232	49911	4.415	ng	98
60) Diethylphthalate	15.204	149	221119	4.830	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	101636	4.928	ng	99
62) 4-Nitroaniline	15.445	138	40139	3.893	ng	96
63) Azobenzene	15.722	77	193402	4.586	ng	99
66) n-Nitrosodiphenylamine	15.645	169	174867	4.726	ng	99
67) 4-Bromophenyl-phenylether	16.334	248	62558	4.647	ng	97
68) Hexachlorobenzene	16.451	284	76267	4.766	ng	96
69) Atrazine	16.616	200	54439	5.803	ng	98
70) Pentachlorophenol	16.810	266	44119	4.015	ng	98
71) Phenanthrene	17.204	178	338611	5.005	ng	100
72) Anthracene	17.292	178	307065	4.716	ng	99
73) Carbazole	17.586	167	298495	4.711	ng	100
74) Di-n-butylphthalate	18.175	149	354008	4.484	ng	100
75) Fluoranthene	19.292	202	397601	4.951	ng	99
77) Benzidine	19.498	184	50615m	2.925	ng	
78) Pyrene	19.663	202	417746	4.657	ng	99
80) Butylbenzylphthalate	20.622	149	152196	4.024	ng	99
81) Benzo(a)anthracene	21.592	228	418745	4.791	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	121047	3.994	ng	99
83) Chrysene	21.657	228	413570	4.937	ng	99
84) Bis(2-ethylhexyl)phtha...	21.533	149	223960	4.021	ng	98
85) Di-n-octyl phthalate	22.816	149	331185	3.712	ng	99
87) Indeno(1,2,3-cd)pyrene	28.762	276	475578	4.552	ng #	92
88) Benzo(b)fluoranthene	23.904	252	429214	4.723	ng	99
89) Benzo(k)fluoranthene	23.968	252	413302	4.686	ng	99
90) Benzo(a)pyrene	24.810	252	356658	4.559	ng	98
91) Dibenzo(a,h)anthracene	28.845	278	397247	4.571	ng	100
92) Benzo(g,h,i)perylene	29.951	276	407522	4.607	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

[illegible]

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024277.D
 Acq On : 14 Apr 2025 12:27
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 14 17:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	237860	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1022895	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	658652	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1310701	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1408913	20.000	ng	0.00
86) Perylene-d12	24.980	264	1508235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	272237	18.889	ng	0.00
7) Phenol-d6	6.910	99	369199	18.725	ng	0.00
23) Nitrobenzene-d5	8.881	82	345094	19.207	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	168790	18.715	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	878366	20.247	ng	0.00
79) Terphenyl-d14	19.892	244	1405643	19.888	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	61433	9.984	ng	98
3) Pyridine	3.693	79	152243	9.506	ng	99
4) n-Nitrosodimethylamine	3.599	42	52702	9.868	ng	# 98
6) Aniline	7.069	93	176840	9.935	ng	99
8) 2-Chlorophenol	7.305	128	154194	9.573	ng	100
9) Benzaldehyde	6.887	77	111093m	10.879	ng	
10) Phenol	6.940	94	186113	9.401	ng	97
11) bis(2-Chloroethyl)ether	7.157	93	156684	9.794	ng	98
12) 1,3-Dichlorobenzene	7.622	146	176712	10.126	ng	97
13) 1,4-Dichlorobenzene	7.769	146	177067	10.006	ng	99
14) 1,2-Dichlorobenzene	8.081	146	171376	10.016	ng	99
15) Benzyl Alcohol	7.969	79	111176	8.797	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.252	45	177896	10.221	ng	98
17) 2-Methylphenol	8.175	107	119161	9.340	ng	98
18) Hexachloroethane	8.804	117	63912	10.007	ng	98
19) n-Nitroso-di-n-propyla...	8.528	70	119861	9.787	ng	100
20) 3+4-Methylphenols	8.499	107	162332	9.187	ng	99
22) Acetophenone	8.546	105	248823	9.787	ng	99
24) Nitrobenzene	8.922	77	170770	9.590	ng	98
25) Isophorone	9.446	82	307272	9.473	ng	99
26) 2-Nitrophenol	9.628	139	73320	8.575	ng	96
27) 2,4-Dimethylphenol	9.693	122	99186	9.152	ng	97
28) bis(2-Chloroethoxy)met...	9.922	93	217866	9.869	ng	99
29) 2,4-Dichlorophenol	10.163	162	136816	9.263	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	155965	9.760	ng	100
31) Naphthalene	10.557	128	538892	9.953	ng	99
32) Benzoic acid	9.781	122	94803m	8.095	ng	
33) 4-Chloroaniline	10.669	127	178451	9.433	ng	99
34) Hexachlorobutadiene	10.845	225	92662	9.885	ng	99
35) Caprolactam	11.440	113	47014	8.670	ng	98
36) 4-Chloro-3-methylphenol	11.798	107	158563	9.213	ng	99
37) 2-Methylnaphthalene	12.169	142	368122	9.810	ng	98
38) 1-Methylnaphthalene	12.387	142	365139	9.933	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	177188	9.789	ng	100
41) Hexachlorocyclopentadiene	12.516	237	60914	9.586	ng	96
43) 2,4,6-Trichlorophenol	12.781	196	110203	9.253	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024277.D
 Acq On : 14 Apr 2025 12:27
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 14 17:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	122104	9.251	ng	98
46) 1,1'-Biphenyl	13.187	154	490325	10.080	ng	100
47) 2-Chloronaphthalene	13.228	162	362419	9.985	ng	98
48) 2-Nitroaniline	13.434	65	88889	8.866	ng	95
49) Acenaphthylene	14.081	152	553215	9.711	ng	100
50) Dimethylphthalate	13.816	163	466314	9.704	ng	99
51) 2,6-Dinitrotoluene	13.934	165	95596	9.442	ng	96
52) Acenaphthene	14.428	154	357828	9.877	ng	99
53) 3-Nitroaniline	14.269	138	95237	9.067	ng	97
54) 2,4-Dinitrophenol	14.481	184	41132	7.588	ng	97
55) Dibenzofuran	14.769	168	594953	10.013	ng	99
56) 4-Nitrophenol	14.598	139	75995	8.416	ng	95
57) 2,4-Dinitrotoluene	14.734	165	121276	8.862	ng	# 95
58) Fluorene	15.428	166	459952	10.026	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	115645	9.470	ng	100
60) Diethylphthalate	15.198	149	488847	9.884	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	222437	9.985	ng	97
62) 4-Nitroaniline	15.451	138	98638	8.857	ng	93
63) Azobenzene	15.722	77	455459	9.999	ng	96
65) 4,6-Dinitro-2-methylph...	15.516	198	62421	8.151	ng	96
66) n-Nitrosodiphenylamine	15.639	169	383558	9.759	ng	99
67) 4-Bromophenyl-phenylether	16.339	248	138724	9.703	ng	97
68) Hexachlorobenzene	16.457	284	161944	9.528	ng	98
69) Atrazine	16.628	200	109503	10.990	ng	98
70) Pentachlorophenol	16.810	266	101318	8.682	ng	96
71) Phenanthrene	17.210	178	711407	9.900	ng	99
72) Anthracene	17.304	178	666269	9.635	ng	100
73) Carbazole	17.586	167	654205	9.721	ng	99
74) Di-n-butylphthalate	18.180	149	806280	9.616	ng	99
75) Fluoranthene	19.292	202	835153	9.791	ng	98
77) Benzidine	19.498	184	99659	5.730	ng	99
78) Pyrene	19.669	202	870767	9.659	ng	99
80) Butylbenzylphthalate	20.627	149	343670	9.043	ng	99
81) Benzo(a)anthracene	21.598	228	854983	9.734	ng	98
82) 3,3'-Dichlorobenzidine	21.521	252	269772	8.857	ng	98
83) Chrysene	21.668	228	832263	9.887	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	517894	9.253	ng	99
85) Di-n-octyl phthalate	22.827	149	769654	8.584	ng	99
87) Indeno(1,2,3-cd)pyrene	28.792	276	983323	9.480	ng	99
88) Benzo(b)fluoranthene	23.915	252	885212	9.810	ng	99
89) Benzo(k)fluoranthene	23.986	252	852606	9.735	ng	99
90) Benzo(a)pyrene	24.815	252	732209	9.426	ng	99
91) Dibenzo(a,h)anthracene	28.862	278	821160	9.517	ng	99
92) Benzo(g,h,i)perylene	29.962	276	836993	9.530	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Abundance

TIC: BP024277.D\data.ms

Time-->

1,4-Dioxane
n-Nitrosodiphenylamine,
2-Fluorophenol, S
Bis(2-chlorophenyl) ether
1,4-Dichlorobenzene, C
1,4-Dichlorobenzene-d4, I
Benzyl 4-chlorobenzoate
2,2'-bis[4-(4-nitrosophenyl)phenyl]propane
N-Nitrosodiphenylamine, P
Hexachlorocyclopentadiene-d5, S
Isophorone
Benzotrichloride
2,4-Dichlorophenol
2,4-Dichlorophenyl methane
4-Chlorophenyl 2,4-dichlorophenyl ether
4-Chlorophenyl 2,4-dichlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
Hexachlorocyclopentadiene
2,4,5-Trichlorophenol, C
2-Chloronaphthalene
2-Nitroaniline
2,6-Dinitrotoluene
Acenaphthylene
Acenaphthene, C
Acenaphthene-d10, I
Dibenzofuran
Dibenzothiophene
2,3,4,6-Tetrachloro-2,3,4,6-tetrahydro-1,2,4-triazine
4-Nitrophenyl 4-nitrosophenyl ether
4-Bromobenzophenone
4-Bromobenzophenyl ether
Pentachlorophenol, C
Anthracene
Carbazole
Di-n-butylphthalate
Fluoranthene, C
Pyrene
Benzidine
Butylbenzylphthalate
2,2'-Dichlorobenzidine
Chrysene
Bis(2-ethylhexyl)phthalate
Di-n-octyl phthalate, c
Benz(a)anthracene
Benz(a)pyrene, C
Perylene-d12, I
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024278.D
 Acq On : 14 Apr 2025 13:08
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Quant Time: Apr 14 17:26:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	251998	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1081087	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	688775	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1378480	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1415765	20.000	ng	0.00
86) Perylene-d12	24.986	264	1549781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	636245	41.668	ng	0.00
7) Phenol-d6	6.911	99	866004	41.458	ng	0.00
23) Nitrobenzene-d5	8.875	82	794485	41.839	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	383088	40.617	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	1871534	41.254	ng	0.00
79) Terphenyl-d14	19.898	244	2987245	42.062	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	139222	21.358	ng	99
3) Pyridine	3.693	79	358370	21.120	ng	99
4) n-Nitrosodimethylamine	3.599	42	118077	20.869	ng	98
6) Aniline	7.069	93	412168	21.857	ng	99
8) 2-Chlorophenol	7.305	128	355815	20.852	ng	99
9) Benzaldehyde	6.881	77	237371	21.940	ng	100
10) Phenol	6.940	94	433531	20.670	ng	98
11) bis(2-Chloroethyl)ether	7.164	93	352530	20.800	ng	100
12) 1,3-Dichlorobenzene	7.622	146	386470	20.903	ng	100
13) 1,4-Dichlorobenzene	7.763	146	390483	20.828	ng	100
14) 1,2-Dichlorobenzene	8.081	146	378518	20.880	ng	99
15) Benzyl Alcohol	7.969	79	278608	20.809	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.258	45	382308	20.734	ng	99
17) 2-Methylphenol	8.175	107	283057	20.942	ng	99
18) Hexachloroethane	8.805	117	140558	20.773	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	274118	21.127	ng	100
20) 3+4-Methylphenols	8.499	107	393131	20.999	ng	99
22) Acetophenone	8.546	105	563994	20.991	ng	99
24) Nitrobenzene	8.916	77	390911	20.770	ng	98
25) Isophorone	9.446	82	705771	20.588	ng	98
26) 2-Nitrophenol	9.628	139	185740	20.553	ng	99
27) 2,4-Dimethylphenol	9.687	122	236436	20.643	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	480036	20.575	ng	100
29) 2,4-Dichlorophenol	10.163	162	320579	20.536	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	343641	20.348	ng	99
31) Naphthalene	10.557	128	1179848	20.618	ng	100
32) Benzoic acid	9.805	122	244213m	19.731	ng	
33) 4-Chloroaniline	10.669	127	420086	21.010	ng	100
34) Hexachlorobutadiene	10.846	225	200785	20.267	ng	99
35) Caprolactam	11.446	113	119912	20.922	ng	98
36) 4-Chloro-3-methylphenol	11.799	107	377768	20.767	ng	99
37) 2-Methylnaphthalene	12.169	142	816314	20.583	ng	100
38) 1-Methylnaphthalene	12.387	142	796550	20.503	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	391241	20.669	ng	100
41) Hexachlorocyclopentadiene	12.522	237	135654	20.414	ng	97
43) 2,4,6-Trichlorophenol	12.787	196	254189	20.410	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024278.D
 Acq On : 14 Apr 2025 13:08
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Quant Time: Apr 14 17:26:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	281887	20.424	ng	99
46) 1,1'-Biphenyl	13.187	154	1052618	20.694	ng	100
47) 2-Chloronaphthalene	13.228	162	782040	20.603	ng	99
48) 2-Nitroaniline	13.440	65	218194	20.811	ng	99
49) Acenaphthylene	14.087	152	1234728	20.726	ng	99
50) Dimethylphthalate	13.822	163	1029599	20.489	ng	100
51) 2,6-Dinitrotoluene	13.940	165	219492	20.731	ng	98
52) Acenaphthene	14.434	154	785789	20.741	ng	99
53) 3-Nitroaniline	14.269	138	233006	21.212	ng	99
54) 2,4-Dinitrophenol	14.481	184	112157	19.785	ng	94
55) Dibenzofuran	14.769	168	1288363	20.735	ng	99
56) 4-Nitrophenol	14.593	139	199315	21.109	ng	99
57) 2,4-Dinitrotoluene	14.734	165	302332	21.126	ng	98
58) Fluorene	15.428	166	1001515	20.876	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	262077	20.523	ng	99
60) Diethylphthalate	15.198	149	1052183	20.344	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	481631	20.675	ng	98
62) 4-Nitroaniline	15.445	138	243257	20.888	ng	96
63) Azobenzene	15.722	77	995912	20.907	ng	100
65) 4,6-Dinitro-2-methylph...	15.510	198	162501	20.176	ng	98
66) n-Nitrosodiphenylamine	15.640	169	849476	20.552	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	302601	20.125	ng	99
68) Hexachlorobenzene	16.451	284	358889	20.077	ng	100
69) Atrazine	16.616	200	184151	17.573	ng	98
70) Pentachlorophenol	16.810	266	241815	19.702	ng	98
71) Phenanthrene	17.210	178	1540112	20.378	ng	100
72) Anthracene	17.298	178	1494006	20.543	ng	99
73) Carbazole	17.581	167	1461729	20.653	ng	100
74) Di-n-butylphthalate	18.175	149	1727074	19.585	ng	100
75) Fluoranthene	19.292	202	1813662	20.218	ng	99
77) Benzidine	19.498	184	154964	8.867	ng	99
78) Pyrene	19.669	202	1904884	21.028	ng	99
80) Butylbenzylphthalate	20.633	149	772776	20.235	ng	96
81) Benzo(a)anthracene	21.598	228	1829798	20.732	ng	99
82) 3,3'-Dichlorobenzidine	21.527	252	610749	19.956	ng	99
83) Chrysene	21.669	228	1739548	20.565	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	1103263	19.616	ng	99
85) Di-n-octyl phthalate	22.827	149	1730436	19.207	ng	100
87) Indeno(1,2,3-cd)pyrene	28.792	276	2180177	20.454	ng	99
88) Benzo(b)fluoranthene	23.916	252	1885654	20.337	ng	99
89) Benzo(k)fluoranthene	23.980	252	1885747	20.955	ng	99
90) Benzo(a)pyrene	24.816	252	1637648	20.518	ng	98
91) Dibenzo(a,h)anthracene	28.868	278	1815743	20.480	ng	98
92) Benzo(g,h,i)perylene	29.951	276	1856380	20.571	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Abundance

TIC: BP024278.D\data.ms

Time-->

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024279.D
 Acq On : 14 Apr 2025 13:49
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	246363	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1046876	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	657357	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1277198	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1349860	20.000	ng	0.00
86) Perylene-d12	24.986	264	1485135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1236220	82.813	ng	0.00
7) Phenol-d6	6.916	99	1722202	84.332	ng	0.00
23) Nitrobenzene-d5	8.875	82	1540790	83.791	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	759528	84.379	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	3591010	82.939	ng	0.00
79) Terphenyl-d14	19.898	244	5570563	82.266	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	252519	39.624	ng	100
3) Pyridine	3.693	79	687730	41.457	ng	100
4) n-Nitrosodimethylamine	3.599	42	225273	40.725	ng	100
6) Aniline	7.069	93	781907	42.413	ng	100
8) 2-Chlorophenol	7.305	128	689257	41.317	ng	100
9) Benzaldehyde	6.881	77	411846	38.937	ng	100
10) Phenol	6.940	94	862244	42.050	ng	100
11) bis(2-Chloroethyl)ether	7.164	93	688989	41.581	ng	100
12) 1,3-Dichlorobenzene	7.622	146	732329	40.516	ng	100
13) 1,4-Dichlorobenzene	7.763	146	736270	40.171	ng	100
14) 1,2-Dichlorobenzene	8.081	146	711951	40.172	ng	100
15) Benzyl Alcohol	7.969	79	570437	43.581	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.252	45	746041	41.386	ng	100
17) 2-Methylphenol	8.169	107	561621	42.503	ng	100
18) Hexachloroethane	8.799	117	266915	40.349	ng	100
19) n-Nitroso-di-n-propyla...	8.528	70	533912	42.092	ng	100
20) 3+4-Methylphenols	8.499	107	784336	42.854	ng	100
22) Acetophenone	8.546	105	1086788	41.770	ng	100
24) Nitrobenzene	8.922	77	762756	41.852	ng	100
25) Isophorone	9.440	82	1408146	42.419	ng	100
26) 2-Nitrophenol	9.628	139	383751	43.852	ng	100
27) 2,4-Dimethylphenol	9.687	122	472488	42.600	ng	100
28) bis(2-Chloroethoxy)met...	9.922	93	947250	41.926	ng	100
29) 2,4-Dichlorophenol	10.157	162	645849	42.725	ng	100
30) 1,2,4-Trichlorobenzene	10.369	180	671264	41.046	ng	100
31) Naphthalene	10.557	128	2258924	40.765	ng	100
32) Benzoic acid	9.828	122	506813	42.286	ng	100
33) 4-Chloroaniline	10.669	127	830870	42.913	ng	100
34) Hexachlorobutadiene	10.846	225	394737	41.146	ng	100
35) Caprolactam	11.452	113	234519	42.256	ng	100
36) 4-Chloro-3-methylphenol	11.793	107	747541	42.438	ng	100
37) 2-Methylnaphthalene	12.163	142	1580497	41.154	ng	100
38) 1-Methylnaphthalene	12.381	142	1530982	40.695	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	757748	41.945	ng	100
41) Hexachlorocyclopentadiene	12.522	237	286135	45.116	ng	100
43) 2,4,6-Trichlorophenol	12.781	196	511566	43.038	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024279.D
 Acq On : 14 Apr 2025 13:49
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

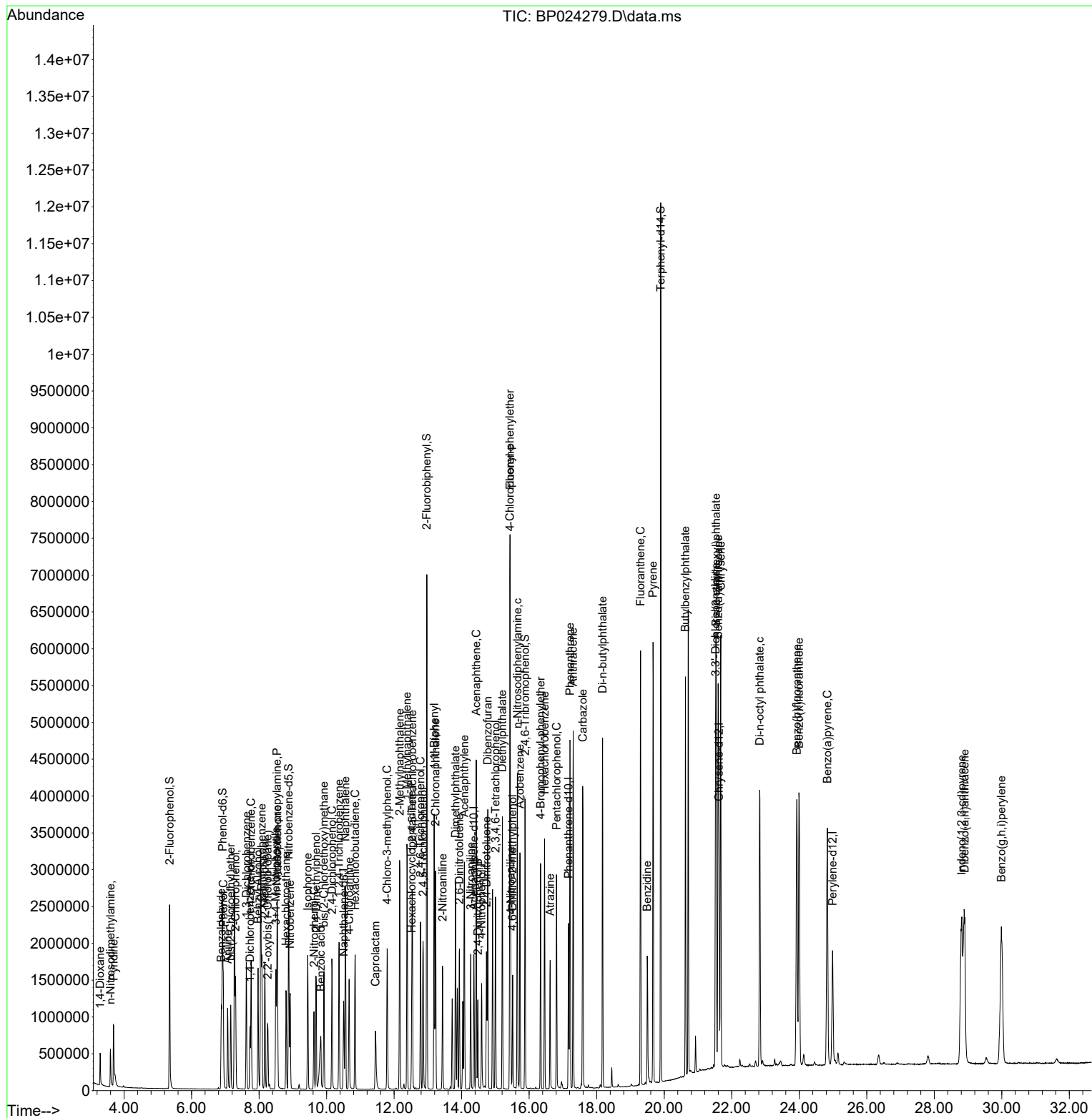
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	561631	42.637	ng	100
46) 1,1'-Biphenyl	13.187	154	2010029	41.404	ng	100
47) 2-Chloronaphthalene	13.228	162	1497152	41.328	ng	100
48) 2-Nitroaniline	13.434	65	434050	43.377	ng	100
49) Acenaphthylene	14.081	152	2384785	41.944	ng	100
50) Dimethylphthalate	13.822	163	1965142	40.976	ng	100
51) 2,6-Dinitrotoluene	13.934	165	427248	42.283	ng	100
52) Acenaphthene	14.434	154	1480526	40.947	ng	100
53) 3-Nitroaniline	14.269	138	465347	44.389	ng	100
54) 2,4-Dinitrophenol	14.481	184	244714	45.231	ng	100
55) Dibenzofuran	14.775	168	2409526	40.633	ng	100
56) 4-Nitrophenol	14.593	139	401591	44.564	ng	100
57) 2,4-Dinitrotoluene	14.734	165	588798	43.110	ng	100
58) Fluorene	15.434	166	1838264	40.150	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	511714	41.987	ng	100
60) Diethylphthalate	15.204	149	2037863	41.286	ng	100
61) 4-Chlorophenyl-phenylether	15.428	204	894350	40.226	ng	100
62) 4-Nitroaniline	15.457	138	485622	43.693	ng	100
63) Azobenzene	15.728	77	1881773	41.392	ng	100
65) 4,6-Dinitro-2-methylph...	15.510	198	335347	44.938	ng	100
66) n-Nitrosodiphenylamine	15.651	169	1609251	42.021	ng	100
67) 4-Bromophenyl-phenylether	16.340	248	587416	42.165	ng	100
68) Hexachlorobenzene	16.457	284	692546	41.815	ng	100
69) Atrazine	16.622	200	308618	31.786	ng	100
70) Pentachlorophenol	16.810	266	499858	43.955	ng	100
71) Phenanthrene	17.210	178	2879498	41.121	ng	100
72) Anthracene	17.304	178	2838724	42.130	ng	100
73) Carbazole	17.587	167	2770072	42.242	ng	100
74) Di-n-butylphthalate	18.175	149	3571220	43.708	ng	100
75) Fluoranthene	19.298	202	3441282	41.404	ng	100
77) Benzidine	19.498	184	1178258	70.714	ng	100
78) Pyrene	19.669	202	3523104	40.790	ng	100
80) Butylbenzylphthalate	20.628	149	1607881	44.158	ng	100
81) Benzo(a)anthracene	21.598	228	3489938	41.472	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	1311770	44.953	ng	100
83) Chrysene	21.675	228	3274153	40.596	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	2411998	44.979	ng	100
85) Di-n-octyl phthalate	22.827	149	3943939	45.913	ng	100
87) Indeno(1,2,3-cd)pyrene	28.809	276	4288630	41.987	ng	100
88) Benzo(b)fluoranthene	23.927	252	3737035	42.058	ng	100
89) Benzo(k)fluoranthene	23.992	252	3600626	41.753	ng	100
90) Benzo(a)pyrene	24.833	252	3240684	42.369	ng	100
91) Dibenzo(a,h)anthracene	28.904	278	3573562	42.061	ng	100
92) Benzo(g,h,i)perylene	29.986	276	3617069	41.826	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024279.D
Acq On : 14 Apr 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024280.D
 Acq On : 14 Apr 2025 15:10
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 14 17:26:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	277364	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1176925	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	760235	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1505097	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1527193	20.000	ng	0.00
86) Perylene-d12	24.986	264	1706545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1677842	99.834	ng	0.00
7) Phenol-d6	6.916	99	2353543	102.366	ng	0.00
23) Nitrobenzene-d5	8.881	82	2100100	101.588	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1098486	105.521	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	4800845	95.877	ng	0.00
79) Terphenyl-d14	19.898	244	7671902	100.142	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	333474	46.479	ng	100
3) Pyridine	3.687	79	924382m	49.495	ng	
4) n-Nitrosodimethylamine	3.593	42	306279	49.180	ng	99
6) Aniline	7.075	93	972988	46.879	ng	100
8) 2-Chlorophenol	7.310	128	942078	50.160	ng	99
9) Benzaldehyde	6.887	77	507606	42.627	ng	97
10) Phenol	6.946	94	1177623	51.012	ng	99
11) bis(2-Chloroethyl)ether	7.163	93	915679	49.085	ng	100
12) 1,3-Dichlorobenzene	7.622	146	972089	47.770	ng	100
13) 1,4-Dichlorobenzene	7.769	146	995872	48.262	ng	99
14) 1,2-Dichlorobenzene	8.087	146	944314	47.327	ng	99
15) Benzyl Alcohol	7.975	79	791998	53.745	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	973910	47.988	ng	99
17) 2-Methylphenol	8.175	107	766536	51.526	ng	100
18) Hexachloroethane	8.805	117	360999	48.472	ng	98
19) n-Nitroso-di-n-propyla...	8.534	70	722064	50.562	ng	98
20) 3+4-Methylphenols	8.505	107	1086273	52.718	ng	99
22) Acetophenone	8.546	105	1441728	49.289	ng	# 99
24) Nitrobenzene	8.922	77	1025983	50.074	ng	99
25) Isophorone	9.446	82	1913172	51.264	ng	99
26) 2-Nitrophenol	9.622	139	541332	55.024	ng	98
27) 2,4-Dimethylphenol	9.687	122	662183	53.106	ng	99
28) bis(2-Chloroethoxy)met...	9.922	93	1265001	49.803	ng	100
29) 2,4-Dichlorophenol	10.157	162	904519	53.225	ng	100
30) 1,2,4-Trichlorobenzene	10.369	180	908732	49.426	ng	98
31) Naphthalene	10.557	128	3049887	48.957	ng	100
32) Benzoic acid	9.851	122	794832	58.988	ng	99
33) 4-Chloroaniline	10.669	127	1110772	51.030	ng	99
34) Hexachlorobutadiene	10.840	225	533336	49.450	ng	99
35) Caprolactam	11.463	113	339834	54.466	ng	100
36) 4-Chloro-3-methylphenol	11.798	107	1046795	52.860	ng	99
37) 2-Methylnaphthalene	12.169	142	2156247	49.942	ng	99
38) 1-Methylnaphthalene	12.393	142	2095184	49.538	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	1034638	49.522	ng	99
41) Hexachlorocyclopentadiene	12.522	237	378578	51.614	ng	99
43) 2,4,6-Trichlorophenol	12.787	196	732902	53.315	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024280.D
 Acq On : 14 Apr 2025 15:10
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 14 17:26:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	814885	53.491	ng	98
46) 1,1'-Biphenyl	13.187	154	2725840	48.551	ng	99
47) 2-Chloronaphthalene	13.234	162	2062098	49.220	ng	100
48) 2-Nitroaniline	13.434	65	616599	53.282	ng	98
49) Acenaphthylene	14.081	152	3279666	49.877	ng	100
50) Dimethylphthalate	13.822	163	2775759	50.046	ng	100
51) 2,6-Dinitrotoluene	13.934	165	606525	51.903	ng	98
52) Acenaphthene	14.428	154	2054333	49.128	ng	100
53) 3-Nitroaniline	14.275	138	649071	53.536	ng	98
54) 2,4-Dinitrophenol	14.481	184	373165	59.640	ng	99
55) Dibenzofuran	14.769	168	3318798	48.392	ng	100
56) 4-Nitrophenol	14.592	139	581023	55.750	ng	97
57) 2,4-Dinitrotoluene	14.734	165	839701	53.160	ng	99
58) Fluorene	15.428	166	2599105	49.085	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	734741	52.128	ng	100
60) Diethylphthalate	15.204	149	2849294	49.914	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	1267291	49.287	ng	99
62) 4-Nitroaniline	15.451	138	691081	53.764	ng	96
63) Azobenzene	15.722	77	2632843	50.076	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	503765	57.285	ng	97
66) n-Nitrosodiphenylamine	15.645	169	2225475	49.312	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	827245	50.389	ng	99
68) Hexachlorobenzene	16.457	284	983768	50.405	ng	98
69) Atrazine	16.622	200	610479	53.356	ng	100
70) Pentachlorophenol	16.810	266	739779	55.203	ng	99
71) Phenanthrene	17.210	178	4024282	48.768	ng	100
72) Anthracene	17.298	178	3960913	49.883	ng	100
73) Carbazole	17.581	167	3814743	49.364	ng	100
74) Di-n-butylphthalate	18.180	149	4930617	51.208	ng	100
75) Fluoranthene	19.298	202	4815021	49.160	ng	99
77) Benzidine	19.498	184	1272924	67.525	ng	99
78) Pyrene	19.675	202	4942328	50.577	ng	100
80) Butylbenzylphthalate	20.627	149	2215843	53.788	ng	97
81) Benzo(a)anthracene	21.598	228	4711301	49.485	ng	99
82) 3,3'-Dichlorobenzidine	21.527	252	1768950	53.582	ng	99
83) Chrysene	21.669	228	4480150	49.099	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	3256722	53.679	ng	99
85) Di-n-octyl phthalate	22.821	149	5458484	56.166	ng	99
87) Indeno(1,2,3-cd)pyrene	28.792	276	5977144m	50.926	ng	
88) Benzo(b)fluoranthene	23.915	252	5102465	49.975	ng	99
89) Benzo(k)fluoranthene	23.986	252	4923203	49.683	ng	99
90) Benzo(a)pyrene	24.821	252	4490517	51.093	ng	100
91) Dibenzo(a,h)anthracene	28.880	278	4987219	51.084	ng	98
92) Benzo(g,h,i)perylene	29.980	276	5033807	50.656	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

[illegible]

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024281.D
 Acq On : 14 Apr 2025 16:32
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 14 17:27:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	283549	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1206231	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	777459	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1536805	20.000	ng	0.00
76) Chrysene-d12	21.621	240	1596148	20.000	ng	0.00
86) Perylene-d12	24.986	264	1858365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2173071	126.481	ng	0.00
7) Phenol-d6	6.916	99	3009690	128.049	ng	0.00
23) Nitrobenzene-d5	8.881	82	2579126	121.729	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1382037	129.818	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	5835791	113.964	ng	0.00
79) Terphenyl-d14	19.898	244	9228969	115.262	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	417124	56.869	ng	100
3) Pyridine	3.687	79	1176097m	61.599	ng	
4) n-Nitrosodimethylamine	3.599	42	391176	61.443	ng	99
6) Aniline	7.069	93	1214636	57.245	ng	100
8) 2-Chlorophenol	7.305	128	1190812	62.021	ng	99
9) Benzaldehyde	6.881	77	617878	50.755	ng	99
10) Phenol	6.946	94	1513303	64.123	ng	99
11) bis(2-Chloroethyl)ether	7.163	93	1155297	60.579	ng	100
12) 1,3-Dichlorobenzene	7.622	146	1218832	58.589	ng	100
13) 1,4-Dichlorobenzene	7.763	146	1244205	58.981	ng	100
14) 1,2-Dichlorobenzene	8.081	146	1199988	58.830	ng	100
15) Benzyl Alcohol	7.975	79	1002308	66.533	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1187992	57.259	ng	99
17) 2-Methylphenol	8.175	107	978531	64.342	ng	99
18) Hexachloroethane	8.804	117	453349	59.545	ng	98
19) n-Nitroso-di-n-propyla...	8.534	70	883042	60.486	ng	99
20) 3+4-Methylphenols	8.499	107	1367005	64.895	ng	99
22) Acetophenone	8.546	105	1792666	59.797	ng	# 99
24) Nitrobenzene	8.922	77	1276229	60.775	ng	100
25) Isophorone	9.446	82	2365423	61.842	ng	99
26) 2-Nitrophenol	9.628	139	690735	68.504	ng	99
27) 2,4-Dimethylphenol	9.693	122	826335	64.660	ng	98
28) bis(2-Chloroethoxy)met...	9.922	93	1539129	59.124	ng	99
29) 2,4-Dichlorophenol	10.157	162	1124170	64.543	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	1138896	60.440	ng	99
31) Naphthalene	10.557	128	3790924	59.373	ng	99
32) Benzoic acid	9.869	122	1032910m	74.795	ng	
33) 4-Chloroaniline	10.675	127	1372601	61.527	ng	100
34) Hexachlorobutadiene	10.845	225	660129	59.719	ng	99
35) Caprolactam	11.475	113	437691	68.445	ng	99
36) 4-Chloro-3-methylphenol	11.804	107	1314421	64.762	ng	98
37) 2-Methylnaphthalene	12.169	142	2676555	60.487	ng	99
38) 1-Methylnaphthalene	12.387	142	2599119	59.960	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	1281552	59.981	ng	100
41) Hexachlorocyclopentadiene	12.522	237	459486	61.257	ng	99
43) 2,4,6-Trichlorophenol	12.787	196	909999	64.732	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024281.D
 Acq On : 14 Apr 2025 16:32
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 14 17:27:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	1017414	65.306	ng	99
46) 1,1'-Biphenyl	13.187	154	3330176	58.001	ng	99
47) 2-Chloronaphthalene	13.228	162	2542212	59.336	ng	99
48) 2-Nitroaniline	13.439	65	781584	66.042	ng	98
49) Acenaphthylene	14.087	152	4111553	61.143	ng	99
50) Dimethylphthalate	13.828	163	3404463	60.022	ng	100
51) 2,6-Dinitrotoluene	13.939	165	764810	63.998	ng	98
52) Acenaphthene	14.434	154	2516981	58.858	ng	99
53) 3-Nitroaniline	14.275	138	793796	64.022	ng	99
54) 2,4-Dinitrophenol	14.486	184	490497	76.655	ng	97
55) Dibenzofuran	14.775	168	4124640	58.810	ng	100
56) 4-Nitrophenol	14.598	139	754038	70.748	ng	99
57) 2,4-Dinitrotoluene	14.739	165	1079633	66.836	ng	98
58) Fluorene	15.434	166	3184960	58.817	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	909497	63.097	ng	100
60) Diethylphthalate	15.204	149	3495577	59.879	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	1563042	59.442	ng	99
62) 4-Nitroaniline	15.457	138	886163	67.414	ng	98
63) Azobenzene	15.728	77	3229873	60.070	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	647253	72.083	ng	94
66) n-Nitrosodiphenylamine	15.651	169	2805137	60.874	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	1038071	61.926	ng	98
68) Hexachlorobenzene	16.457	284	1239550	62.200	ng	97
70) Pentachlorophenol	16.816	266	936562	68.445	ng	100
71) Phenanthrene	17.222	178	4988840	59.209	ng	99
72) Anthracene	17.310	178	4938117	60.907	ng	99
73) Carbazole	17.592	167	4780408	60.584	ng	99
74) Di-n-butylphthalate	18.186	149	6167206	62.730	ng	100
75) Fluoranthene	19.304	202	6009748	60.092	ng	98
77) Benzidine	19.504	184	1446166	73.401	ng	100
78) Pyrene	19.680	202	6250781	61.204	ng	100
80) Butylbenzylphthalate	20.621	149	2840001	65.961	ng	98
81) Benzo(a)anthracene	21.604	228	6002059	60.318	ng	99
82) 3,3'-Dichlorobenzidine	21.521	252	2323294	67.333	ng	100
83) Chrysene	21.674	228	5714775	59.924	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	4153128	65.497	ng	99
85) Di-n-octyl phthalate	22.839	149	7116217	70.060	ng	99
87) Indeno(1,2,3-cd)pyrene	28.821	276	8057576m	63.043	ng	
88) Benzo(b)fluoranthene	23.927	252	6715444	60.400	ng	99
89) Benzo(k)fluoranthene	24.004	252	6500782	60.244	ng	99
90) Benzo(a)pyrene	24.827	252	5964163	62.316	ng	99
91) Dibenzo(a,h)anthracene	28.892	278	6614173	62.214	ng	98
92) Benzo(g,h,i)perylene	30.003	276	6740929	62.294	ng	98

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Abundance

TIC: BP024281.D\data.ms

Time-->

1,4-Dioxane
n-Nitrosodimethylamine,
2-Fluorophenol, S
Phenol-d6, S
Benzaldehyde, C
Aniline, S
2,6-Dinitrophenol
1,7-Dichlorobenzene, C
1,7-Dichlorobenzene
2,2'-Oxybis(1,3-dimethylimidazolidine), P
Hexachlorocyclopentadiene, Nitrobenzene-d5, S
Isophorone
2-Nitrophenol, Phenylmethane
Benzoic acid bis(2,4-dichlorophenyl), C
Naphthalene-d1, 2-Triphenylamine
4-Chlorophenyl, 1,2-Butadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylphthalene
Hexachlorocyclopentadiene, 2,3,5-Trichlorobenzene, C
2-Nitroaniline
2,6-Dinitrotoluene
Dimethylphthalate
Acenaphthylene
Acenaphthene, C
2,4-Dinitrophenol
2,4-Dinitrophenyl
2,3,4,6-Tetrahydrophthalate
4,4'-Dinitrodiphenylmethane, c
4,4'-Dinitrodiphenylmethane, S
2,4,6-Trinitrophenol, S
4,4'-Dinitrodiphenyl ether
4,4'-Dinitrodiphenyl ether
Phenanthrene
Pentachlorophenol, C
Phenanthrene-d10
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene, C
Pyrene
Butylbenzylphthalate
Chrysene-d12, 2,3-Dibenzobenzidine
Di-n-octyl phthalate, c
Benzofluoranthene
Benzo(a)pyrene, C
Perylene-d12, I
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024282.D
 Acq On : 14 Apr 2025 17:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 14 18:14:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	244732	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1024316	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	641442	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1279313	20.000	ng	0.02
76) Chrysene-d12	21.621	240	1378105	20.000	ng	0.00
86) Perylene-d12	24.986	264	1583281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2341577	157.905	ng	0.00
7) Phenol-d6	6.916	99	3224074	158.927	ng	0.00
23) Nitrobenzene-d5	8.881	82	2847003	158.236	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1507534	171.633	ng	0.01
45) 2-Fluorobiphenyl	12.981	172	6362479	150.596	ng	0.01
79) Terphenyl-d14	19.922	244	10209149	147.678	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	467234	73.805	ng	99
3) Pyridine	3.687	79	1349044m	81.864	ng	
4) n-Nitrosodimethylamine	3.593	42	434861	79.138	ng	97
6) Aniline	7.069	93	1351337	73.789	ng	100
8) 2-Chlorophenol	7.305	128	1299769	78.433	ng	99
9) Benzaldehyde	6.881	77	608272	57.891	ng	99
10) Phenol	6.946	94	1608027	78.944	ng	98
11) bis(2-Chloroethyl)ether	7.163	93	1272327	77.297	ng	99
12) 1,3-Dichlorobenzene	7.622	146	1344292	74.869	ng	100
13) 1,4-Dichlorobenzene	7.763	146	1369087	75.195	ng	99
14) 1,2-Dichlorobenzene	8.075	146	1310407	74.432	ng	100
15) Benzyl Alcohol	7.975	79	1098602	84.492	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1319830	73.704	ng	98
17) 2-Methylphenol	8.175	107	1064555	81.101	ng	100
18) Hexachloroethane	8.799	117	498897	75.920	ng	99
19) n-Nitroso-di-n-propyla...	8.534	70	968278	76.844	ng	99
20) 3+4-Methylphenols	8.499	107	1492527	82.092	ng	99
22) Acetophenone	8.546	105	1977578	77.680	ng	# 100
24) Nitrobenzene	8.922	77	1392093	78.066	ng	98
25) Isophorone	9.446	82	2617853	80.596	ng	99
26) 2-Nitrophenol	9.628	139	760077	88.768	ng	98
27) 2,4-Dimethylphenol	9.693	122	905891	83.475	ng	99
28) bis(2-Chloroethoxy)met...	9.922	93	1689686	76.434	ng	99
29) 2,4-Dichlorophenol	10.157	162	1238253	83.719	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	1252476	78.272	ng	99
31) Naphthalene	10.557	128	4190486	77.287	ng	100
32) Benzoic acid	9.875	122	1154243m	98.425	ng	
33) 4-Chloroaniline	10.669	127	1547427	81.682	ng	99
34) Hexachlorobutadiene	10.840	225	743811	79.240	ng	99
35) Caprolactam	11.481	113	469910	86.534	ng	98
36) 4-Chloro-3-methylphenol	11.804	107	1438601	83.468	ng	98
37) 2-Methylnaphthalene	12.169	142	2918685	77.673	ng	99
38) 1-Methylnaphthalene	12.393	142	2831173	76.912	ng	100
40) 1,2,4,5-Tetrachloroben...	12.545	216	1416894	80.378	ng	100
41) Hexachlorocyclopentadiene	12.528	237	523136	84.532	ng	99
43) 2,4,6-Trichlorophenol	12.787	196	1000309	86.244	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024282.D
 Acq On : 14 Apr 2025 17:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 14 18:14:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration

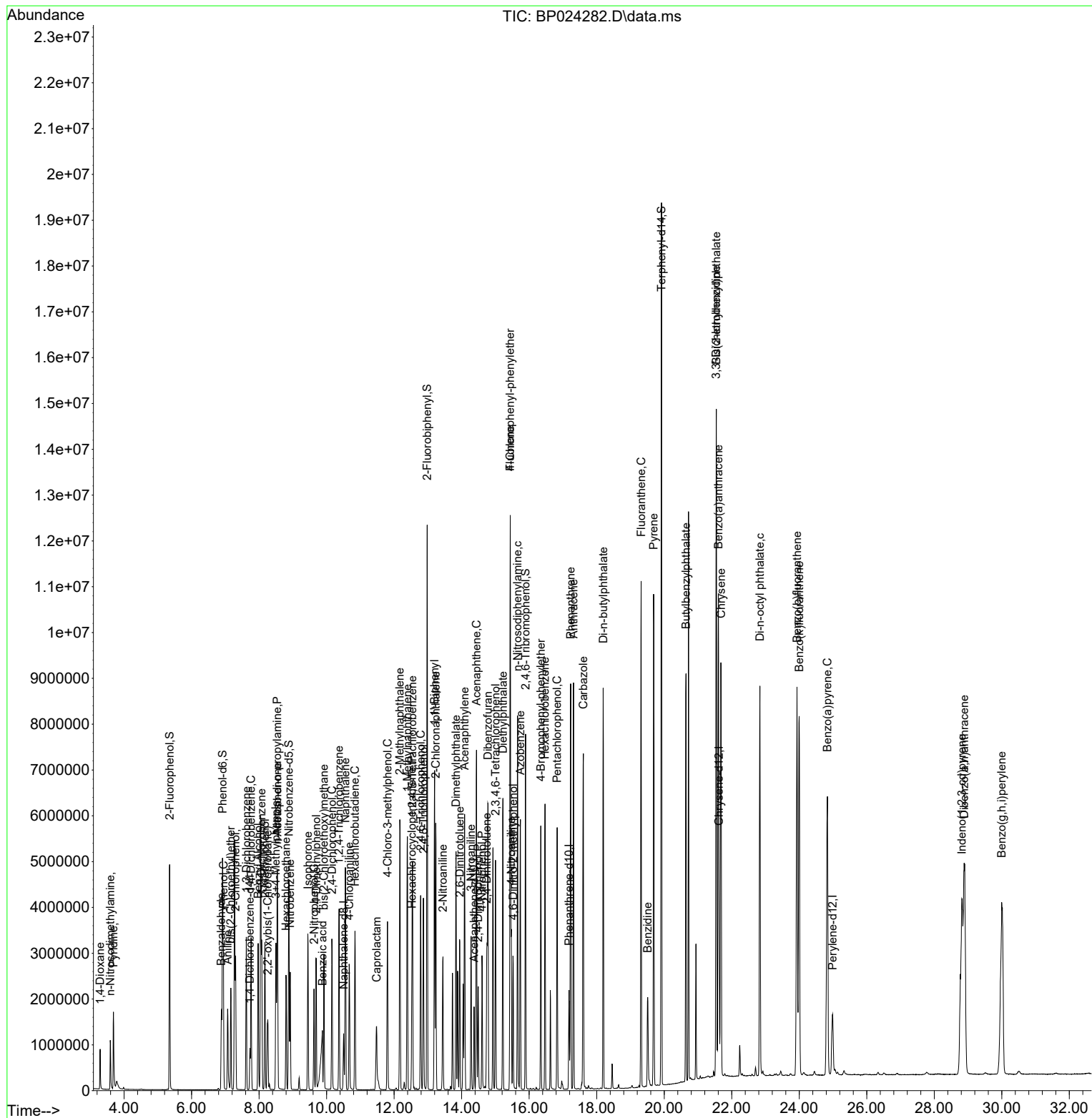
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	1103073	85.819	ng	98
46) 1,1'-Biphenyl	13.198	154	3665607	77.381	ng	99
47) 2-Chloronaphthalene	13.234	162	2766302	78.257	ng	99
48) 2-Nitroaniline	13.445	65	848619	86.912	ng	98
49) Acenaphthylene	14.087	152	4438648	80.004	ng	100
50) Dimethylphthalate	13.834	163	3659579	78.201	ng	99
51) 2,6-Dinitrotoluene	13.945	165	814314	82.589	ng	98
52) Acenaphthene	14.439	154	2761536	78.270	ng	100
53) 3-Nitroaniline	14.281	138	919775	89.913	ng	99
54) 2,4-Dinitrophenol	14.492	184	541483	102.567	ng	99
55) Dibenzofuran	14.781	168	4420987	76.402	ng	99
56) 4-Nitrophenol	14.604	139	814261	92.599	ng	98
57) 2,4-Dinitrotoluene	14.745	165	1169554	87.755	ng	98
58) Fluorene	15.439	166	3479094	77.873	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	999335	84.031	ng	100
60) Diethylphthalate	15.222	149	3800651	78.910	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1689620	77.881	ng	100
62) 4-Nitroaniline	15.469	138	965926	89.063	ng	98
63) Azobenzene	15.739	77	3448680	77.741	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	705506	94.385	ng	92
66) n-Nitrosodiphenylamine	15.657	169	2970516	77.438	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	1137128	81.488	ng	99
68) Hexachlorobenzene	16.469	284	1347567	81.231	ng	97
70) Pentachlorophenol	16.828	266	1027691	90.221	ng	99
71) Phenanthrene	17.228	178	5415046	77.203	ng	100
72) Anthracene	17.316	178	5270987	78.097	ng	99
73) Carbazole	17.604	167	5275449	80.314	ng	100
74) Di-n-butylphthalate	18.192	149	6569078	80.266	ng	100
75) Fluoranthene	19.316	202	6520527	78.322	ng	99
77) Benzidine	19.510	184	1694694m	99.624	ng	
78) Pyrene	19.686	202	6718789	76.195	ng	100
80) Butylbenzylphthalate	20.645	149	3163633	85.104	ng	96
81) Benzo(a)anthracene	21.604	228	6729971	78.335	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	2536509	85.143	ng	99
83) Chrysene	21.680	228	6433173	78.130	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	4516949	82.506	ng	98
85) Di-n-octyl phthalate	22.833	149	7969779	90.878	ng	99
87) Indeno(1,2,3-cd)pyrene	28.815	276	9286186	85.280	ng	99
88) Benzo(b)fluoranthene	23.933	252	7677613	81.051	ng	98
89) Benzo(k)fluoranthene	23.998	252	7207214	78.395	ng	100
90) Benzo(a)pyrene	24.833	252	6703562	82.211	ng	99
91) Dibenzo(a,h)anthracene	28.886	278	7614901	84.071	ng	98
92) Benzo(g,h,i)perylene	29.997	276	7750941	84.072	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024282.D
 Acq On : 14 Apr 2025 17:13
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 14 18:14:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:03:26 2025
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024283.D
 Acq On : 14 Apr 2025 18:35
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVP041425

Quant Time: Apr 15 04:54:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	232241	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	956448	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	600031	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1178916	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1288125	20.000	ng	0.00
86) Perylene-d12	24.986	264	1476872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1141956	81.302	ng	0.00
7) Phenol-d6	6.911	99	1559050	81.063	ng	0.00
23) Nitrobenzene-d5	8.881	82	1401115	83.531	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	709703	85.488	ng	-0.02
45) 2-Fluorobiphenyl	12.975	172	3319933	84.715	ng	0.00
79) Terphenyl-d14	19.892	244	5217888	81.649	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	240091	40.412	ng	100
3) Pyridine	3.687	79	626813	39.955	ng	99
4) n-Nitrosodimethylamine	3.593	42	209326	40.205	ng	98
6) Aniline	7.069	93	710981	41.370	ng	100
8) 2-Chlorophenol	7.305	128	632515	40.334	ng	99
9) Benzaldehyde	6.881	77	399803	42.024	ng	98
10) Phenol	6.940	94	777631	40.306	ng	100
11) bis(2-Chloroethyl)ether	7.163	93	620261	39.902	ng	99
12) 1,3-Dichlorobenzene	7.622	146	680343	40.298	ng	100
13) 1,4-Dichlorobenzene	7.769	146	694020	40.516	ng	99
14) 1,2-Dichlorobenzene	8.081	146	659947	39.898	ng	99
15) Benzyl Alcohol	7.969	79	517678	41.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.258	45	674999	40.173	ng	99
17) 2-Methylphenol	8.175	107	512292	41.046	ng	100
18) Hexachloroethane	8.799	117	250852	40.522	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	481540	40.471	ng	99
20) 3+4-Methylphenols	8.499	107	706733	40.810	ng	99
22) Acetophenone	8.546	105	986019	41.652	ng	100
24) Nitrobenzene	8.922	77	689231	41.537	ng	100
25) Isophorone	9.446	82	1264480	41.648	ng	99
26) 2-Nitrophenol	9.628	139	352229	43.376	ng	99
27) 2,4-Dimethylphenol	9.687	122	425062	41.689	ng	99
28) bis(2-Chloroethoxy)met...	9.922	93	849161	41.402	ng	99
29) 2,4-Dichlorophenol	10.163	162	590306	42.461	ng	98
30) 1,2,4-Trichlorobenzene	10.369	180	619818	41.612	ng	99
31) Naphthalene	10.557	128	2085090	41.386	ng	99
32) Benzoic acid	9.834	122	486627	40.959	ng	98
33) 4-Chloroaniline	10.669	127	761817	42.937	ng	99
34) Hexachlorobutadiene	10.846	225	367684	42.007	ng	100
35) Caprolactam	11.457	113	216229	42.152	ng	99
36) 4-Chloro-3-methylphenol	11.799	107	675857	41.737	ng	98
37) 2-Methylnaphthalene	12.169	142	1446647	41.403	ng	100
38) 1-Methylnaphthalene	12.387	142	1408633	41.210	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	697580	42.275	ng	100
41) Hexachlorocyclopentadiene	12.516	237	254676	43.639	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	475349	43.329	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024283.D
 Acq On : 14 Apr 2025 18:35
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP041425

Quant Time: Apr 15 04:54:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

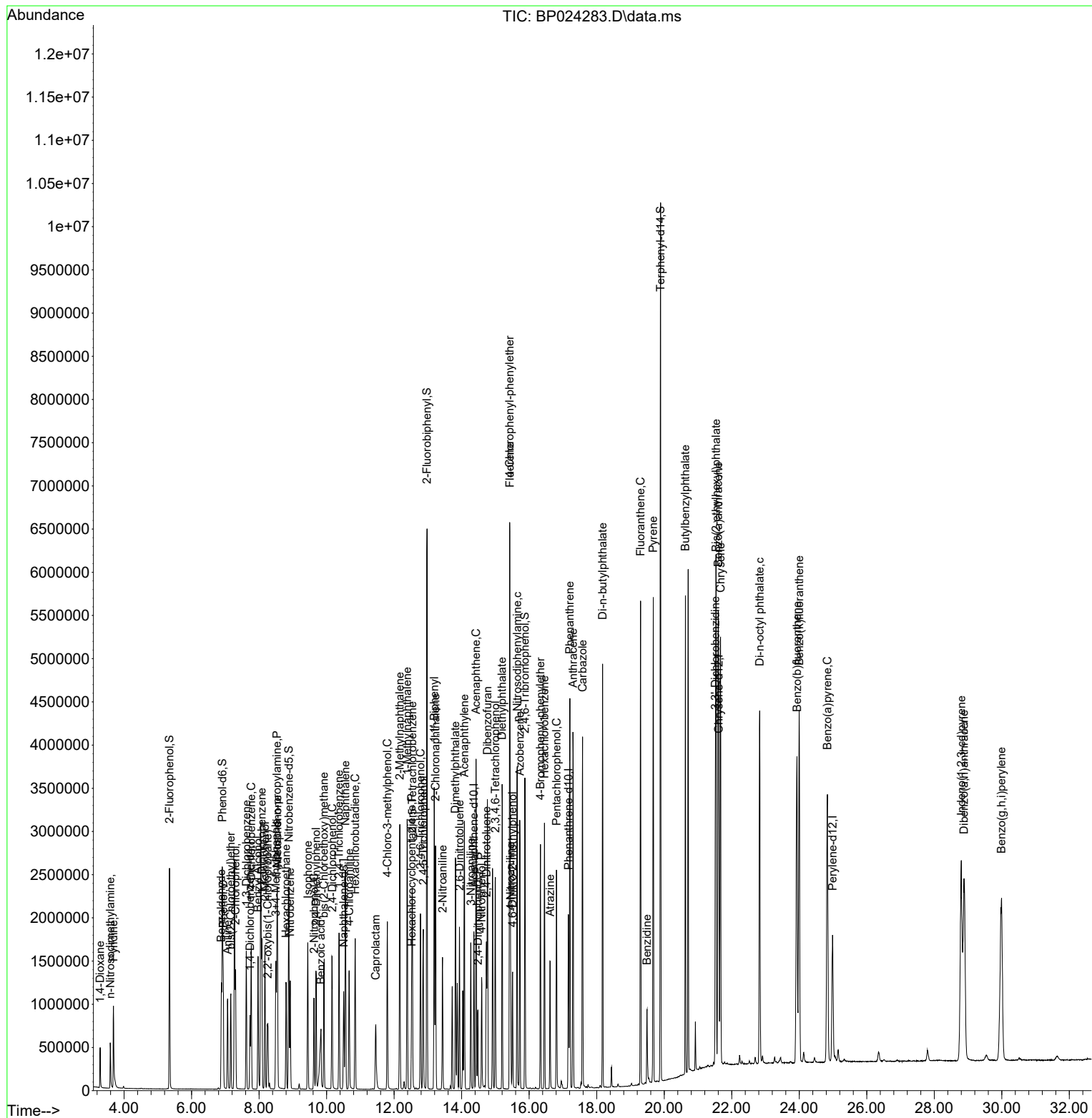
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	520298	42.828	ng	97
46) 1,1'-Biphenyl	13.187	154	1834570	41.595	ng	99
47) 2-Chloronaphthalene	13.228	162	1377424	41.786	ng	100
48) 2-Nitroaniline	13.434	65	392742	42.475	ng	98
49) Acenaphthylene	14.081	152	2168474	41.783	ng	99
50) Dimethylphthalate	13.816	163	1809923	41.478	ng	99
51) 2,6-Dinitrotoluene	13.940	165	398345	42.990	ng	97
52) Acenaphthene	14.428	154	1344151	40.853	ng	99
53) 3-Nitroaniline	14.275	138	427828	43.931	ng	98
54) 2,4-Dinitrophenol	14.481	184	231882	42.485	ng	98
55) Dibenzofuran	14.763	168	2187786	40.679	ng	99
56) 4-Nitrophenol	14.592	139	378214	44.968	ng	99
57) 2,4-Dinitrotoluene	14.734	165	550175	43.527	ng	97
58) Fluorene	15.428	166	1738215	41.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	470547	41.995	ng	99
60) Diethylphthalate	15.198	149	1869274	41.570	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	844629	41.777	ng	99
62) 4-Nitroaniline	15.451	138	444482	43.114	ng	96
63) Azobenzene	15.722	77	1722900	41.686	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	317548	42.724	ng	95
66) n-Nitrosodiphenylamine	15.645	169	1460282	41.500	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	545579	42.314	ng	97
68) Hexachlorobenzene	16.451	284	642095	41.909	ng	96
69) Atrazine	16.622	200	282908	31.567	ng	98
70) Pentachlorophenol	16.810	266	458529	42.900	ng	99
71) Phenanthrene	17.204	178	2612052	40.615	ng	100
72) Anthracene	17.298	178	2606508	42.051	ng	100
73) Carbazole	17.581	167	2564955	42.351	ng	99
74) Di-n-butylphthalate	18.175	149	3360635	44.539	ng	100
75) Fluoranthene	19.298	202	3195045	41.771	ng	99
77) Benzidine	19.492	184	588487	36.041	ng	100
78) Pyrene	19.675	202	3276290	40.022	ng	99
80) Butylbenzylphthalate	20.627	149	1511473	43.107	ng	97
81) Benzo(a)anthracene	21.598	228	3299250	41.207	ng	99
82) 3,3'-Dichlorobenzidine	21.516	252	1212290	43.139	ng	99
83) Chrysene	21.669	228	3136332	40.888	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	2282222	44.400	ng	100
85) Di-n-octyl phthalate	22.827	149	3803266	45.513	ng	100
87) Indeno(1,2,3-cd)pyrene	28.798	276	4313548m	42.071	ng	
88) Benzo(b)fluoranthene	23.933	252	3654984	41.288	ng	99
89) Benzo(k)fluoranthene	23.998	252	3512834	41.081	ng	100
90) Benzo(a)pyrene	24.833	252	3196130	41.855	ng	99
91) Dibenzo(a,h)anthracene	28.880	278	3566000	41.902	ng	98
92) Benzo(g,h,i)perylene	29.992	276	3590938	41.455	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
 Data File : BP024283.D
 Acq On : 14 Apr 2025 18:35
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVP041425

Quant Time: Apr 15 04:54:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 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	94	0.00
2	1,4-Dioxane	0.512	0.517	-1.0	95	0.00
3	Pyridine	1.351	1.349	0.1	91	0.00
4	n-Nitrosodimethylamine	0.448	0.451	-0.7	93	0.00
5 S	2-Fluorophenol	1.210	1.229	-1.6	92	0.00
6	Aniline	1.480	1.531	-3.4	91	0.00
7 S	Phenol-d6	1.656	1.678	-1.3	91	0.00
8	2-Chlorophenol	1.350	1.362	-0.9	92	0.00
9	Benzaldehyde	0.819	0.861	-5.1	97	0.00
10 C	Phenol	1.661	1.674	-0.8	90	0.00
11	bis(2-Chloroethyl)ether	1.339	1.335	0.3	90	0.00
12	1,3-Dichlorobenzene	1.454	1.465	-0.8	93	0.00
13 C	1,4-Dichlorobenzene	1.475	1.494	-1.3	94	0.00
14	1,2-Dichlorobenzene	1.424	1.421	0.2	93	0.00
15	Benzyl Alcohol	1.071	1.115	-4.1	91	0.00
16	2,2'-oxybis(1-Chloropropane	1.447	1.453	-0.4	90	0.00
17	2-Methylphenol	1.075	1.103	-2.6	91	0.00
18	Hexachloroethane	0.533	0.540	-1.3	94	0.00
19 P	n-Nitroso-di-n-propylamine	1.025	1.037	-1.2	90	0.00
20	3+4-Methylphenols	1.491	1.522	-2.1	90	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	91	0.00
22	Acetophenone	0.495	0.515	-4.0	91	0.00
23 S	Nitrobenzene-d5	0.351	0.366	-4.3	91	0.00
24	Nitrobenzene	0.347	0.360	-3.7	90	0.00
25	Isophorone	0.635	0.661	-4.1	90	0.00
26 C	2-Nitrophenol	0.170	0.184	-8.2	92	0.00
27	2,4-Dimethylphenol	0.213	0.222	-4.2	90	0.00
28	bis(2-Chloroethoxy)methane	0.429	0.444	-3.5	90	0.00
29 C	2,4-Dichlorophenol	0.291	0.309	-6.2	91	0.00
30	1,2,4-Trichlorobenzene	0.311	0.324	-4.2	92	0.00
31	Naphthalene	1.054	1.090	-3.4	92	0.00
32	Benzoic acid	0.248	0.254	-2.4	96	-0.04
33	4-Chloroaniline	0.371	0.398	-7.3	92	0.00
34 C	Hexachlorobutadiene	0.183	0.192	-4.9	93	0.00
35	Caprolactam	0.107	0.113	-5.6	92	-0.02
36 C	4-Chloro-3-methylphenol	0.339	0.353	-4.1	90	0.00
37	2-Methylnaphthalene	0.731	0.756	-3.4	92	0.00
38	1-Methylnaphthalene	0.715	0.736	-2.9	92	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	91	0.00
40	1,2,4,5-Tetrachlorobenzene	0.550	0.581	-5.6	92	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.212	-8.7	89	-0.01
42 S	2,4,6-Tribromophenol	0.277	0.296	-6.9	93	-0.02
43 C	2,4,6-Trichlorophenol	0.366	0.396	-8.2	93	0.00
44	2,4,5-Trichlorophenol	0.405	0.434	-7.2	93	0.00
45 S	2-Fluorobiphenyl	1.306	1.383	-5.9	92	0.00
46	1,1'-Biphenyl	1.470	1.529	-4.0	91	-0.01
47	2-Chloronaphthalene	1.099	1.148	-4.5	92	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
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 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP041425

Quant Time: Apr 15 04:54:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 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	0.308	0.327	-6.2	90	-0.01
49	Acenaphthylene	1.730	1.807	-4.5	91	0.00
50	Dimethylphthalate	1.454	1.508	-3.7	92	-0.02
51	2,6-Dinitrotoluene	0.309	0.332	-7.4	93	0.00
52 C	Acenaphthene	1.097	1.120	-2.1	91	-0.01
53	3-Nitroaniline	0.325	0.357	-9.8	92	0.00
54 P	2,4-Dinitrophenol	0.182	0.193	-6.0	95	-0.01
55	Dibenzofuran	1.793	1.823	-1.7	91	-0.02
56 P	4-Nitrophenol	0.280	0.315	-12.5	94	-0.01
57	2,4-Dinitrotoluene	0.421	0.458	-8.8	93	-0.01
58	Fluorene	1.388	1.448	-4.3	95	-0.01
59	2,3,4,6-Tetrachlorophenol	0.373	0.392	-5.1	92	0.00
60	Diethylphthalate	1.499	1.558	-3.9	92	-0.02
61	4-Chlorophenyl-phenylether	0.674	0.704	-4.5	94	-0.02
62	4-Nitroaniline	0.344	0.370	-7.6	92	-0.02
63	Azobenzene	1.378	1.436	-4.2	92	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	92	-0.02
65	4,6-Dinitro-2-methylphenol	0.126	0.135	-7.1	95	-0.02
66 c	n-Nitrosodiphenylamine	0.597	0.619	-3.7	91	-0.01
67	4-Bromophenyl-phenylether	0.219	0.231	-5.5	93	-0.01
68	Hexachlorobenzene	0.260	0.272	-4.6	93	-0.02
69	Atrazine	0.152	0.120	21.1	92	0.00
70 C	Pentachlorophenol	0.181	0.194	-7.2	92	-0.02
71	Phenanthrene	1.091	1.108	-1.6	91	-0.02
72	Anthracene	1.052	1.105	-5.0	92	-0.02
73	Carbazole	1.027	1.088	-5.9	93	-0.02
74	Di-n-butylphthalate	1.280	1.425	-11.3	94	-0.02
75 C	Fluoranthene	1.298	1.355	-4.4	93	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	95	0.00
77	Benzidine	0.254	0.228	10.2	50#	-0.02
78	Pyrene	1.271	1.272	-0.1	93	-0.01
79 S	Terphenyl-d14	0.992	1.013	-2.1	94	-0.03
80	Butylbenzylphthalate	0.544	0.587	-7.9	94	-0.02
81	Benzo(a)anthracene	1.243	1.281	-3.1	95	0.00
82	3,3'-Dichlorobenzidine	0.436	0.471	-8.0	92	-0.02
83	Chrysene	1.191	1.217	-2.2	96	-0.01
84	Bis(2-ethylhexyl)phthalate	0.798	0.886	-11.0	95	0.00
85 c	Di-n-octyl phthalate	1.297	1.476	-13.8	96	0.00
86 I	Perylene-d12	1.000	1.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	1.388	1.460	-5.2	101	-0.02
88	Benzo(b)fluoranthene	1.199	1.237	-3.2	98	0.00
89	Benzo(k)fluoranthene	1.158	1.189	-2.7	98	0.00
90 C	Benzo(a)pyrene	1.034	1.082	-4.6	99	0.00
91	Dibenzo(a,h)anthracene	1.152	1.207	-4.8	100	0.00
92	Benzo(g,h,i)perylene	1.173	1.216	-3.7	99	0.00

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
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ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
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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	94	0.00
2	1,4-Dioxane	40.000	40.412	-1.0	95	0.00
3	Pyridine	40.000	39.955	0.1	91	0.00
4	n-Nitrosodimethylamine	40.000	40.205	-0.5	93	0.00
5 S	2-Fluorophenol	80.000	81.302	-1.6	92	0.00
6	Aniline	40.000	41.370	-3.4	91	0.00
7 S	Phenol-d6	80.000	81.063	-1.3	91	0.00
8	2-Chlorophenol	40.000	40.334	-0.8	92	0.00
9	Benzaldehyde	40.000	42.024	-5.1	97	0.00
10 C	Phenol	40.000	40.306	-0.8	90	0.00
11	bis(2-Chloroethyl)ether	40.000	39.902	0.2	90	0.00
12	1,3-Dichlorobenzene	40.000	40.298	-0.7	93	0.00
13 C	1,4-Dichlorobenzene	40.000	40.516	-1.3	94	0.00
14	1,2-Dichlorobenzene	40.000	39.898	0.3	93	0.00
15	Benzyl Alcohol	40.000	41.621	-4.1	91	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.173	-0.4	90	0.00
17	2-Methylphenol	40.000	41.046	-2.6	91	0.00
18	Hexachloroethane	40.000	40.522	-1.3	94	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.471	-1.2	90	0.00
20	3+4-Methylphenols	40.000	40.810	-2.0	90	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	91	0.00
22	Acetophenone	40.000	41.652	-4.1	91	0.00
23 S	Nitrobenzene-d5	80.000	83.531	-4.4	91	0.00
24	Nitrobenzene	40.000	41.537	-3.8	90	0.00
25	Isophorone	40.000	41.648	-4.1	90	0.00
26 C	2-Nitrophenol	40.000	43.376	-8.4	92	0.00
27	2,4-Dimethylphenol	40.000	41.689	-4.2	90	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.402	-3.5	90	0.00
29 C	2,4-Dichlorophenol	40.000	42.461	-6.2	91	0.00
30	1,2,4-Trichlorobenzene	40.000	41.612	-4.0	92	0.00
31	Naphthalene	40.000	41.386	-3.5	92	0.00
32	Benzoic acid	40.000	40.959	-2.4	96	-0.04
33	4-Chloroaniline	40.000	42.937	-7.3	92	0.00
34 C	Hexachlorobutadiene	40.000	42.007	-5.0	93	0.00
35	Caprolactam	40.000	42.152	-5.4	92	-0.02
36 C	4-Chloro-3-methylphenol	40.000	41.737	-4.3	90	0.00
37	2-Methylnaphthalene	40.000	41.403	-3.5	92	0.00
38	1-Methylnaphthalene	40.000	41.210	-3.0	92	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	91	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	42.275	-5.7	92	0.00
41 P	Hexachlorocyclopentadiene	40.000	43.639	-9.1	89	-0.01
42 S	2,4,6-Tribromophenol	80.000	85.488	-6.9	93	-0.02
43 C	2,4,6-Trichlorophenol	40.000	43.329	-8.3	93	0.00
44	2,4,5-Trichlorophenol	40.000	42.828	-7.1	93	0.00
45 S	2-Fluorobiphenyl	80.000	84.715	-5.9	92	0.00
46	1,1'-Biphenyl	40.000	41.595	-4.0	91	-0.01
47	2-Chloronaphthalene	40.000	41.786	-4.5	92	0.00

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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)
48	2-Nitroaniline	40.000	42.475	-6.2	90	-0.01
49	Acenaphthylene	40.000	41.783	-4.5	91	0.00
50	Dimethylphthalate	40.000	41.478	-3.7	92	-0.02
51	2,6-Dinitrotoluene	40.000	42.990	-7.5	93	0.00
52 C	Acenaphthene	40.000	40.853	-2.1	91	-0.01
53	3-Nitroaniline	40.000	43.931	-9.8	92	0.00
54 P	2,4-Dinitrophenol	40.000	42.485	-6.2	95	-0.01
55	Dibenzofuran	40.000	40.679	-1.7	91	-0.02
56 P	4-Nitrophenol	40.000	44.968	-12.4	94	-0.01
57	2,4-Dinitrotoluene	40.000	43.527	-8.8	93	-0.01
58	Fluorene	40.000	41.750	-4.4	95	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	41.995	-5.0	92	0.00
60	Diethylphthalate	40.000	41.570	-3.9	92	-0.02
61	4-Chlorophenyl-phenylether	40.000	41.777	-4.4	94	-0.02
62	4-Nitroaniline	40.000	43.114	-7.8	92	-0.02
63	Azobenzene	40.000	41.686	-4.2	92	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	92	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	42.724	-6.8	95	-0.02
66 c	n-Nitrosodiphenylamine	40.000	41.500	-3.8	91	-0.01
67	4-Bromophenyl-phenylether	40.000	42.314	-5.8	93	-0.01
68	Hexachlorobenzene	40.000	41.909	-4.8	93	-0.02
69	Atrazine	40.000	31.567	21.1	92	0.00
70 C	Pentachlorophenol	40.000	42.900	-7.2	92	-0.02
71	Phenanthrene	40.000	40.615	-1.5	91	-0.02
72	Anthracene	40.000	42.051	-5.1	92	-0.02
73	Carbazole	40.000	42.351	-5.9	93	-0.02
74	Di-n-butylphthalate	40.000	44.539	-11.3	94	-0.02
75 C	Fluoranthene	40.000	41.771	-4.4	93	-0.02
76 I	Chrysene-d12	20.000	20.000	0.0	95	0.00
77	Benzydine	40.000	36.041	9.9	50	-0.02
78	Pyrene	40.000	40.022	-0.1	93	-0.01
79 S	Terphenyl-d14	80.000	81.649	-2.1	94	-0.03
80	Butylbenzylphthalate	40.000	43.107	-7.8	94	-0.02
81	Benzo(a)anthracene	40.000	41.207	-3.0	95	0.00
82	3,3'-Dichlorobenzidine	40.000	43.139	-7.8	92	-0.02
83	Chrysene	40.000	40.888	-2.2	96	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	44.400	-11.0	95	0.00
85 c	Di-n-octyl phthalate	40.000	45.513	-13.8	96	0.00
86 I	Perylene-d12	20.000	20.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	42.071	-5.2	101	-0.02
88	Benzo(b)fluoranthene	40.000	41.288	-3.2	98	0.00
89	Benzo(k)fluoranthene	40.000	41.081	-2.7	98	0.00
90 C	Benzo(a)pyrene	40.000	41.855	-4.6	99	0.00
91	Dibenzo(a,h)anthracene	40.000	41.902	-4.8	100	0.00
92	Benzo(g,h,i)perylene	40.000	41.455	-3.6	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 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



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.: Q1929 SAS No.: Q1929 SDG No.: Q1929

Instrument ID: BNA_F Calibration Date/Time: 05/02/2025 10:39

Lab File ID: BF142274.D Init. Calib. Date(s): 04/30/2025 04/30/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:24 14:43

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.454	1.384		-4.8	
2-Fluorophenol	1.252	1.195		-4.6	
Phenol-d6	1.512	1.457		-3.6	
1,4-Dichlorobenzene	1.475	1.364		-7.5	20.0
2-Methylphenol	1.060	1.005		-5.2	
3+4-Methylphenols	1.326	1.295		-2.3	
Nitrobenzene-d5	0.304	0.332		9.2	
Hexachloroethane	0.483	0.473		-2.1	
Nitrobenzene	0.299	0.315		5.4	
Hexachlorobutadiene	0.175	0.164		-6.3	20.0
2,4,6-Trichlorophenol	0.349	0.360		3.2	20.0
2-Fluorobiphenyl	1.418	1.293		-8.8	
2,4,5-Trichlorophenol	0.367	0.363		-1.1	
2,4-Dinitrotoluene	0.239	0.314		31.4	
2,4,6-Tribromophenol	0.182	0.190		4.4	
Hexachlorobenzene	0.249	0.232		-6.8	
Pentachlorophenol	0.132	0.137		3.8	20.0
Terphenyl-d14	1.375	1.344		-2.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142274.D
 Acq On : 02 May 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025

Quant Time: May 02 11:50:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 30 16:00:01 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	189457	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	747235	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	389025	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	652685	20.000	ng	0.00
76) Chrysene-d12	14.068	240	354752	20.000	ng	0.00
86) Perylene-d12	15.557	264	327562	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	905917	76.366	ng	0.00
7) Phenol-d6	6.522	99	1104282	77.087	ng	0.00
23) Nitrobenzene-d5	7.469	82	992335	87.247	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	295525	83.329	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2012359	72.935	ng	0.00
79) Terphenyl-d14	13.016	244	1907599	78.207	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	199149	37.589	ng	97
3) Pyridine	3.457	79	524389	38.083	ng	99
4) n-Nitrosodimethylamine	3.404	42	276556	38.811	ng	99
6) Aniline	6.569	93	768076	37.880	ng	99
8) 2-Chlorophenol	6.687	128	480593	39.206	ng	98
9) Benzaldehyde	6.457	77	378814	37.835	ng	99
10) Phenol	6.540	94	585536m	37.967	ng	
11) bis(2-Chloroethyl)ether	6.640	93	452236	37.841	ng	99
12) 1,3-Dichlorobenzene	6.851	146	524346	37.811	ng	100
13) 1,4-Dichlorobenzene	6.928	146	516930	36.999	ng	99
14) 1,2-Dichlorobenzene	7.081	146	505354	37.888	ng	99
15) Benzyl Alcohol	7.045	79	393158	38.697	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	817791	37.895	ng	99
17) 2-Methylphenol	7.151	107	380905	37.931	ng	99
18) Hexachloroethane	7.422	117	179209	39.190	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	330837	37.373	ng	97
20) 3+4-Methylphenols	7.304	107	490537	39.062	ng	94
22) Acetophenone	7.316	105	628918	36.381	ng	98
24) Nitrobenzene	7.487	77	470320	42.143	ng	99
25) Isophorone	7.728	82	878449	36.800	ng	99
26) 2-Nitrophenol	7.804	139	201999	43.995	ng	97
27) 2,4-Dimethylphenol	7.834	122	458385	38.087	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	552958	36.730	ng	100
29) 2,4-Dichlorophenol	8.039	162	389539	38.714	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	414934	36.954	ng	100
31) Naphthalene	8.210	128	1363971	36.602	ng	100
32) Benzoic acid	7.928	122	233233m	42.364	ng	
33) 4-Chloroaniline	8.257	127	579952	37.373	ng	99
34) Hexachlorobutadiene	8.328	225	245743	37.512	ng	98
35) Caprolactam	8.622	113	120939	39.988	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	397404	38.463	ng	98
37) 2-Methylnaphthalene	8.904	142	837448	36.551	ng	100
38) 1-Methylnaphthalene	9.004	142	871131	36.702	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	405798	37.065	ng	99
41) Hexachlorocyclopentadiene	9.057	237	254671	40.985	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	280415	41.332	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142274.D
 Acq On : 02 May 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/05/2025

Supervised By :Jagrut Upadhyay 05/05/2025

Quant Time: May 02 11:50:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 30 16:00:01 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	282545	39.611	ng	98
46) 1,1'-Biphenyl	9.363	154	1118632	36.988	ng	99
47) 2-Chloronaphthalene	9.392	162	833002	37.021	ng	100
48) 2-Nitroaniline	9.481	65	245382	42.014	ng	97
49) Acenaphthylene	9.810	152	1407244	37.062	ng	99
50) Dimethylphthalate	9.663	163	931138	37.413	ng	100
51) 2,6-Dinitrotoluene	9.722	165	191021	40.686	ng	98
52) Acenaphthene	9.981	154	832658	37.558	ng	99
53) 3-Nitroaniline	9.892	138	232079	40.499	ng	97
54) 2,4-Dinitrophenol	9.992	184	66816	50.599	ng	91
55) Dibenzofuran	10.151	168	1230121	37.015	ng	100
56) 4-Nitrophenol	10.033	139	176430	45.101	ng	98
57) 2,4-Dinitrotoluene	10.122	165	244640	42.928	ng	100
58) Fluorene	10.492	166	931222	36.852	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	240492	40.702	ng	99
60) Diethylphthalate	10.363	149	912963	37.148	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	441273	36.772	ng	97
62) 4-Nitroaniline	10.504	138	220163	42.072	ng	98
63) Azobenzene	10.645	77	895687	36.907	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	97288	45.858	ng	97
66) n-Nitrosodiphenylamine	10.604	169	829293	37.187	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	277516	38.179	ng	100
68) Hexachlorobenzene	11.039	284	302639	37.175	ng	98
69) Atrazine	11.128	200	228706	38.907	ng	99
70) Pentachlorophenol	11.227	266	178739	41.560	ng	98
71) Phenanthrene	11.457	178	1313668	37.261	ng	100
72) Anthracene	11.510	178	1349761	37.446	ng	99
73) Carbazole	11.657	167	1245984	37.893	ng	99
74) Di-n-butylphthalate	11.992	149	1235690	37.366	ng	99
75) Fluoranthene	12.645	202	1316477	37.775	ng	99
77) Benzidine	12.763	184	629233	41.743	ng	100
78) Pyrene	12.874	202	1327219	40.557	ng	100
80) Butylbenzylphthalate	13.492	149	318246	36.531	ng	98
81) Benzo(a)anthracene	14.057	228	917653	38.532	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	264696	37.840	ng	99
83) Chrysene	14.098	228	786998	36.304	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	344949	29.284	ng	100
85) Di-n-octyl phthalate	14.668	149	576205	28.225	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	957230	39.896	ng	100
88) Benzo(b)fluoranthene	15.121	252	702872	34.545	ng	99
89) Benzo(k)fluoranthene	15.151	252	719163	38.642	ng	99
90) Benzo(a)pyrene	15.498	252	703822	37.783	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	781717	40.144	ng	99
92) Benzo(g,h,i)perylene	17.521	276	796796	40.703	ng	100

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

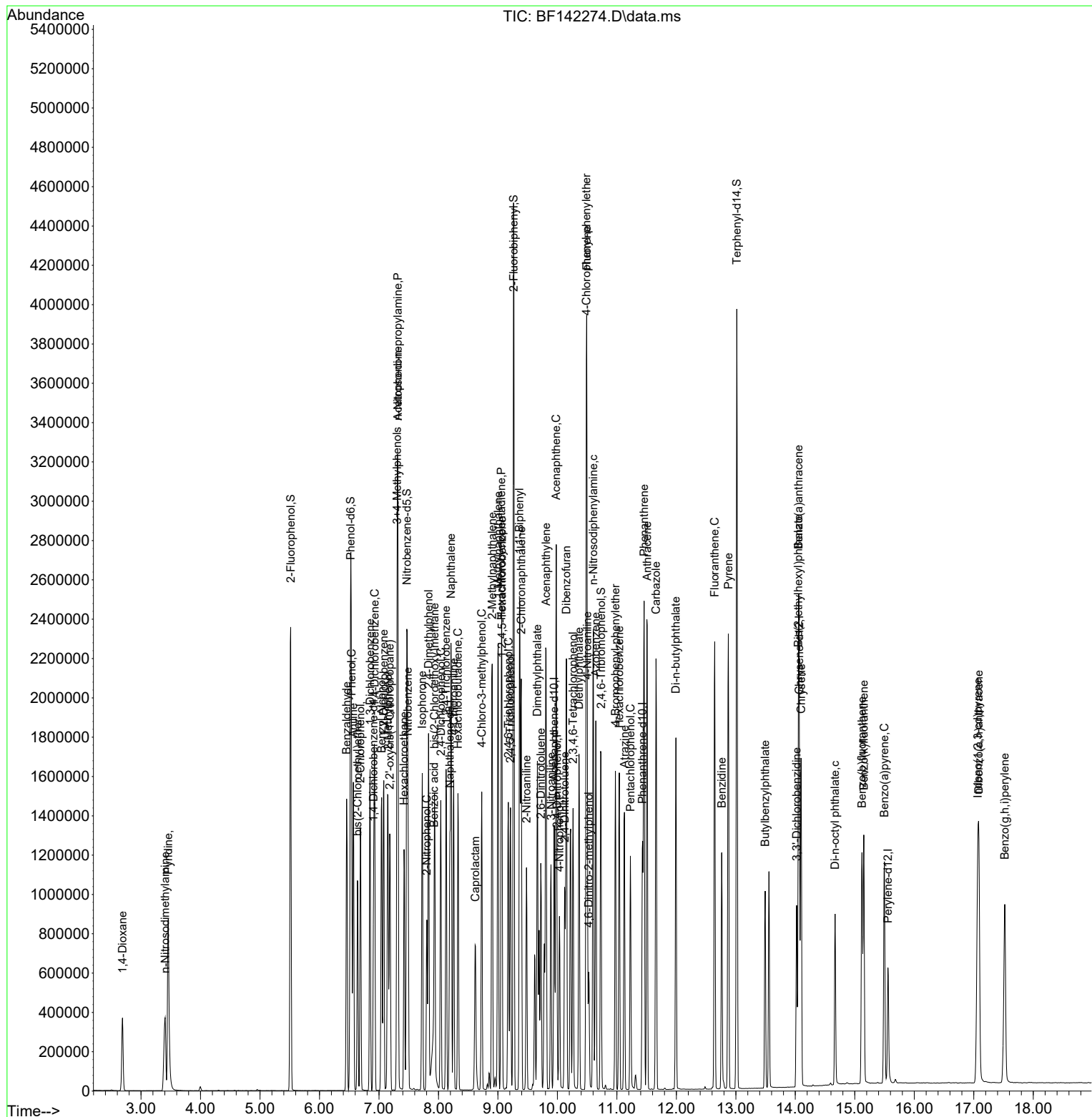
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142274.D
 Acq On : 02 May 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations APPROVED

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

Quant Time: May 02 11:50:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142274.D
 Acq On : 02 May 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 02 11:50:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	105	0.00
2	1,4-Dioxane	0.559	0.526	5.9	93	-0.01
3	Pyridine	1.454	1.384	4.8	96	0.00
4	n-Nitrosodimethylamine	0.752	0.730	2.9	95	0.00
5 S	2-Fluorophenol	1.252	1.195	4.6	96	0.00
6	Aniline	2.140	2.027	5.3	95	0.00
7 S	Phenol-d6	1.512	1.457	3.6	96	0.00
8	2-Chlorophenol	1.294	1.268	2.0	97	0.00
9	Benzaldehyde	1.057	1.000	5.4	94	0.00
10 C	Phenol	1.628	1.545	5.1	95	0.00
11	bis(2-Chloroethyl)ether	1.262	1.194	5.4	95	0.00
12	1,3-Dichlorobenzene	1.464	1.384	5.5	95	0.00
13 C	1,4-Dichlorobenzene	1.475	1.364	7.5	93	0.00
14	1,2-Dichlorobenzene	1.408	1.334	5.3	95	0.00
15	Benzyl Alcohol	1.073	1.038	3.3	95	0.00
16	2,2'-oxybis(1-Chloropropane	2.278	2.158	5.3	95	0.00
17	2-Methylphenol	1.060	1.005	5.2	94	0.00
18	Hexachloroethane	0.483	0.473	2.1	97	0.00
19 P	n-Nitroso-di-n-propylamine	0.934	0.873	6.5	95	0.00
20	3+4-Methylphenols	1.326	1.295	2.3	97	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22	Acetophenone	0.463	0.421	9.1	95	0.00
23 S	Nitrobenzene-d5	0.304	0.332	-9.2	103	0.00
24	Nitrobenzene	0.299	0.315	-5.4	102	0.00
25	Isophorone	0.639	0.588	8.0	94	0.00
26 C	2-Nitrophenol	0.102	0.135	-32.4#	124	0.00
27	2,4-Dimethylphenol	0.322	0.307	4.7	96	0.00
28	bis(2-Chloroethoxy)methane	0.403	0.370	8.2	94	0.00
29 C	2,4-Dichlorophenol	0.269	0.261	3.0	95	0.00
30	1,2,4-Trichlorobenzene	0.301	0.278	7.6	94	0.00
31	Naphthalene	0.997	0.913	8.4	95	0.00
32	Benzoic acid	0.125	0.156	-24.8	127	0.00
33	4-Chloroaniline	0.415	0.388	6.5	96	0.00
34 C	Hexachlorobutadiene	0.175	0.164	6.3	94	0.00
35	Caprolactam	0.081	0.081	0.0	99	0.00
36 C	4-Chloro-3-methylphenol	0.277	0.266	4.0	95	0.00
37	2-Methylnaphthalene	0.613	0.560	8.6	95	0.00
38	1-Methylnaphthalene	0.635	0.583	8.2	95	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	105	0.00
40	1,2,4,5-Tetrachlorobenzene	0.563	0.522	7.3	95	0.00
41 P	Hexachlorocyclopentadiene	0.319	0.327	-2.5	98	0.00
42 S	2,4,6-Tribromophenol	0.182	0.190	-4.4	98	0.00
43 C	2,4,6-Trichlorophenol	0.349	0.360	-3.2	102	0.00
44	2,4,5-Trichlorophenol	0.367	0.363	1.1	94	0.00
45 S	2-Fluorobiphenyl	1.418	1.293	8.8	96	0.00
46	1,1'-Biphenyl	1.555	1.438	7.5	95	0.00
47	2-Chloronaphthalene	1.157	1.071	7.4	95	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142274.D
 Acq On : 02 May 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 02 11:50:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	0.249	0.315	-26.5#	112	0.00
49	Acenaphthylene	1.952	1.809	7.3	95	0.00
50	Dimethylphthalate	1.280	1.197	6.5	95	0.00
51	2,6-Dinitrotoluene	0.204	0.246	-20.6	107	0.00
52 C	Acenaphthene	1.140	1.070	6.1	96	0.00
53	3-Nitroaniline	0.257	0.298	-16.0	105	0.00
54 P	2,4-Dinitrophenol	0.058	0.086	-48.3#	158#	0.00
55	Dibenzofuran	1.709	1.581	7.5	95	0.00
56 P	4-Nitrophenol	0.201	0.227	-12.9	110	0.00
57	2,4-Dinitrotoluene	0.239	0.314	-31.4#	116	0.00
58	Fluorene	1.299	1.197	7.9	95	0.00
59	2,3,4,6-Tetrachlorophenol	0.304	0.309	-1.6	97	0.00
60	Diethylphthalate	1.263	1.173	7.1	94	0.00
61	4-Chlorophenyl-phenylether	0.617	0.567	8.1	94	0.00
62	4-Nitroaniline	0.238	0.283	-18.9	109	0.00
63	Azobenzene	1.248	1.151	7.8	94	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	0.054	0.075	-38.9#	144	0.00
66 c	n-Nitrosodiphenylamine	0.683	0.635	7.0	95	0.00
67	4-Bromophenyl-phenylether	0.223	0.213	4.5	95	0.00
68	Hexachlorobenzene	0.249	0.232	6.8	94	0.00
69	Atrazine	0.180	0.175	2.8	97	0.00
70 C	Pentachlorophenol	0.132	0.137	-3.8	101	0.00
71	Phenanthrene	1.080	1.006	6.9	96	0.00
72	Anthracene	1.105	1.034	6.4	97	0.00
73	Carbazole	1.008	0.955	5.3	98	0.00
74	Di-n-butylphthalate	1.013	0.947	6.5	94	0.00
75 C	Fluoranthene	1.068	1.009	5.5	98	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77	Benzydine	0.850	0.887	-4.4	99	0.00
78	Pyrene	1.845	1.871	-1.4	99	0.00
79 S	Terphenyl-d14	1.375	1.344	2.3	97	0.00
80	Butylbenzylphthalate	0.425	0.449	-5.6	95	0.00
81	Benzo(a)anthracene	1.343	1.293	3.7	96	0.00
82	3,3'-Dichlorobenzidine	0.394	0.373	5.3	90	0.00
83	Chrysene	1.222	1.109	9.2	96	0.00
84	Bis(2-ethylhexyl)phthalate	0.604	0.486	19.5	75	0.00
85 c	Di-n-octyl phthalate	1.133	0.812	28.3#	69	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	100	-0.01
87	Indeno(1,2,3-cd)pyrene	1.465	1.461	0.3	90	-0.01
88	Benzo(b)fluoranthene	1.242	1.073	13.6	82	0.00
89	Benzo(k)fluoranthene	1.136	1.098	3.3	96	0.00
90 C	Benzo(a)pyrene	1.137	1.074	5.5	89	0.00
91	Dibenzo(a,h)anthracene	1.189	1.193	-0.3	91	-0.01
92	Benzo(g,h,i)perylene	1.195	1.216	-1.8	93	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142274.D
Acq On : 02 May 2025 10:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 02 11:50:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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 = 2

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142274.D
 Acq On : 02 May 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 02 11:50:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	105	0.00
2	1,4-Dioxane	40.000	37.589	6.0	93	-0.01
3	Pyridine	40.000	38.083	4.8	96	0.00
4	n-Nitrosodimethylamine	40.000	38.811	3.0	95	0.00
5 S	2-Fluorophenol	80.000	76.366	4.5	96	0.00
6	Aniline	40.000	37.880	5.3	95	0.00
7 S	Phenol-d6	80.000	77.087	3.6	96	0.00
8	2-Chlorophenol	40.000	39.206	2.0	97	0.00
9	Benzaldehyde	40.000	37.835	5.4	94	0.00
10 C	Phenol	40.000	37.967	5.1	95	0.00
11	bis(2-Chloroethyl)ether	40.000	37.841	5.4	95	0.00
12	1,3-Dichlorobenzene	40.000	37.811	5.5	95	0.00
13 C	1,4-Dichlorobenzene	40.000	36.999	7.5	93	0.00
14	1,2-Dichlorobenzene	40.000	37.888	5.3	95	0.00
15	Benzyl Alcohol	40.000	38.697	3.3	95	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.895	5.3	95	0.00
17	2-Methylphenol	40.000	37.931	5.2	94	0.00
18	Hexachloroethane	40.000	39.190	2.0	97	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.373	6.6	95	0.00
20	3+4-Methylphenols	40.000	39.062	2.3	97	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22	Acetophenone	40.000	36.381	9.0	95	0.00
23 S	Nitrobenzene-d5	80.000	87.247	-9.1	103	0.00
24	Nitrobenzene	40.000	42.143	-5.4	102	0.00
25	Isophorone	40.000	36.800	8.0	94	0.00
26 C	2-Nitrophenol	40.000	43.995	-10.0	124	0.00
27	2,4-Dimethylphenol	40.000	38.087	4.8	96	0.00
28	bis(2-Chloroethoxy)methane	40.000	36.730	8.2	94	0.00
29 C	2,4-Dichlorophenol	40.000	38.714	3.2	95	0.00
30	1,2,4-Trichlorobenzene	40.000	36.954	7.6	94	0.00
31	Naphthalene	40.000	36.602	8.5	95	0.00
32	Benzoic acid	40.000	42.364	-5.9	127	0.00
33	4-Chloroaniline	40.000	37.373	6.6	96	0.00
34 C	Hexachlorobutadiene	40.000	37.512	6.2	94	0.00
35	Caprolactam	40.000	39.988	0.0	99	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.463	3.8	95	0.00
37	2-Methylnaphthalene	40.000	36.551	8.6	95	0.00
38	1-Methylnaphthalene	40.000	36.702	8.2	95	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	105	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.065	7.3	95	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.985	-2.5	98	0.00
42 S	2,4,6-Tribromophenol	80.000	83.329	-4.2	98	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.332	-3.3	102	0.00
44	2,4,5-Trichlorophenol	40.000	39.611	1.0	94	0.00
45 S	2-Fluorobiphenyl	80.000	72.935	8.8	96	0.00
46	1,1'-Biphenyl	40.000	36.988	7.5	95	0.00
47	2-Chloronaphthalene	40.000	37.021	7.4	95	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142274.D
 Acq On : 02 May 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 02 11:50:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	42.014	-5.0	112	0.00
49	Acenaphthylene	40.000	37.062	7.3	95	0.00
50	Dimethylphthalate	40.000	37.413	6.5	95	0.00
51	2,6-Dinitrotoluene	40.000	40.686	-1.7	107	0.00
52 C	Acenaphthene	40.000	37.558	6.1	96	0.00
53	3-Nitroaniline	40.000	40.499	-1.2	105	0.00
54 P	2,4-Dinitrophenol	40.000	50.599	-26.5#	158	0.00
55	Dibenzofuran	40.000	37.015	7.5	95	0.00
56 P	4-Nitrophenol	40.000	45.101	-12.8	110	0.00
57	2,4-Dinitrotoluene	40.000	42.928	-7.3	116	0.00
58	Fluorene	40.000	36.852	7.9	95	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.702	-1.8	97	0.00
60	Diethylphthalate	40.000	37.148	7.1	94	0.00
61	4-Chlorophenyl-phenylether	40.000	36.772	8.1	94	0.00
62	4-Nitroaniline	40.000	42.072	-5.2	109	0.00
63	Azobenzene	40.000	36.907	7.7	94	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	40.000	45.858	-14.6	144	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.187	7.0	95	0.00
67	4-Bromophenyl-phenylether	40.000	38.179	4.6	95	0.00
68	Hexachlorobenzene	40.000	37.175	7.1	94	0.00
69	Atrazine	40.000	38.907	2.7	97	0.00
70 C	Pentachlorophenol	40.000	41.560	-3.9	101	0.00
71	Phenanthrene	40.000	37.261	6.8	96	0.00
72	Anthracene	40.000	37.446	6.4	97	0.00
73	Carbazole	40.000	37.893	5.3	98	0.00
74	Di-n-butylphthalate	40.000	37.366	6.6	94	0.00
75 C	Fluoranthene	40.000	37.775	5.6	98	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77	Benzydine	40.000	41.743	-4.4	99	0.00
78	Pyrene	40.000	40.557	-1.4	99	0.00
79 S	Terphenyl-d14	80.000	78.207	2.2	97	0.00
80	Butylbenzylphthalate	40.000	36.531	8.7	95	0.00
81	Benzo(a)anthracene	40.000	38.532	3.7	96	0.00
82	3,3'-Dichlorobenzidine	40.000	37.840	5.4	90	0.00
83	Chrysene	40.000	36.304	9.2	96	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	29.284	26.8#	75	0.00
85 c	Di-n-octyl phthalate	40.000	28.225	29.4#	69	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	100	-0.01
87	Indeno(1,2,3-cd)pyrene	40.000	39.896	0.3	90	-0.01
88	Benzo(b)fluoranthene	40.000	34.545	13.6	82	0.00
89	Benzo(k)fluoranthene	40.000	38.642	3.4	96	0.00
90 C	Benzo(a)pyrene	40.000	37.783	5.5	89	0.00
91	Dibenzo(a,h)anthracene	40.000	40.144	-0.4	91	-0.01
92	Benzo(g,h,i)perylene	40.000	40.703	-1.8	93	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142274.D
Acq On : 02 May 2025 10:39
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 02 11:50:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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



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.: Q1929 SAS No.: Q1929 SDG No.: Q1929

Instrument ID: BNA_M Calibration Date/Time: 05/05/2025 12:18

Lab File ID: BM050096.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.258	1.210		-3.8	
2-Fluorophenol	1.142	1.095		-4.1	
Phenol-d6	1.436	1.417		-1.3	
1,4-Dichlorobenzene	1.499	1.413		-5.7	20.0
2-Methylphenol	0.957	0.951		-0.6	
3+4-Methylphenols	1.293	1.307		1.1	
Nitrobenzene-d5	0.406	0.383		-5.7	
Hexachloroethane	0.533	0.498		-6.6	
Nitrobenzene	0.351	0.331		-5.7	
Hexachlorobutadiene	0.258	0.238		-7.8	20.0
2,4,6-Trichlorophenol	0.439	0.433		-1.4	20.0
2-Fluorobiphenyl	1.691	1.567		-7.3	
2,4,5-Trichlorophenol	0.474	0.469		-1.1	
2,4-Dinitrotoluene	0.418	0.417		-0.2	
2,4,6-Tribromophenol	0.296	0.291		-1.7	
Hexachlorobenzene	0.279	0.261		-6.5	
Pentachlorophenol	0.157	0.152		-3.2	20.0
Terphenyl-d14	1.352	1.328		-1.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050096.D
 Acq On : 05 May 2025 12:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 05 13:18:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	253723	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	967980	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	663376	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1334825	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1249729	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1253431	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1110988	76.675	ng	-0.02
7) Phenol-d6	6.934	99	1437961	78.959	ng	-0.02
23) Nitrobenzene-d5	8.910	82	1482829	75.486	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	772621	78.767	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	4158957	74.166	ng	-0.02
79) Terphenyl-d14	19.774	244	6640114	78.622	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	223507	35.976	ng	98
3) Pyridine	3.640	79	613802	38.453	ng	98
4) n-Nitrosodimethylamine	3.546	42	233972	37.372	ng	99
6) Aniline	7.075	93	898043	39.051	ng	99
8) 2-Chlorophenol	7.316	128	607512	38.778	ng	98
9) Benzaldehyde	6.892	77	465479	38.194	ng	98
10) Phenol	6.963	94	723253	39.230	ng	98
11) bis(2-Chloroethyl)ether	7.169	93	580714	37.722	ng	100
12) 1,3-Dichlorobenzene	7.634	146	712514	37.650	ng	99
13) 1,4-Dichlorobenzene	7.781	146	717230	37.725	ng	99
14) 1,2-Dichlorobenzene	8.098	146	691814	37.671	ng	100
15) Benzyl Alcohol	7.992	79	516687	40.911	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.269	45	709989	37.940	ng	99
17) 2-Methylphenol	8.210	107	482551	39.731	ng	99
18) Hexachloroethane	8.822	117	252677	37.387	ng	99
19) n-Nitroso-di-n-propyla...	8.557	70	467999	40.068	ng	100
20) 3+4-Methylphenols	8.539	107	663013	40.424	ng	99
22) Acetophenone	8.569	105	910945	37.853	ng	# 99
24) Nitrobenzene	8.951	77	640531	37.711	ng	99
25) Isophorone	9.475	82	1281550	38.272	ng	99
26) 2-Nitrophenol	9.657	139	350488	40.391	ng	99
27) 2,4-Dimethylphenol	9.733	122	564199	39.207	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	784616	37.911	ng	99
29) 2,4-Dichlorophenol	10.210	162	639475	39.667	ng	98
30) 1,2,4-Trichlorobenzene	10.404	180	735664	37.455	ng	100
31) Naphthalene	10.592	128	1841162	37.558	ng	100
32) Benzoic acid	9.904	122	382848	41.598	ng	95
33) 4-Chloroaniline	10.710	127	788885	39.262	ng	99
34) Hexachlorobutadiene	10.874	225	460750	36.955	ng	99
35) Caprolactam	11.504	113	193827	41.235	ng	98
36) 4-Chloro-3-methylphenol	11.857	107	583518	39.178	ng	99
37) 2-Methylnaphthalene	12.210	142	1250848	38.059	ng	99
38) 1-Methylnaphthalene	12.427	142	1314594	37.796	ng	98
40) 1,2,4,5-Tetrachloroben...	12.580	216	864920	37.664	ng	100
41) Hexachlorocyclopentadiene	12.557	237	498851	35.546	ng	99
43) 2,4,6-Trichlorophenol	12.833	196	573909	39.402	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050096.D
 Acq On : 05 May 2025 12:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 05 13:18:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

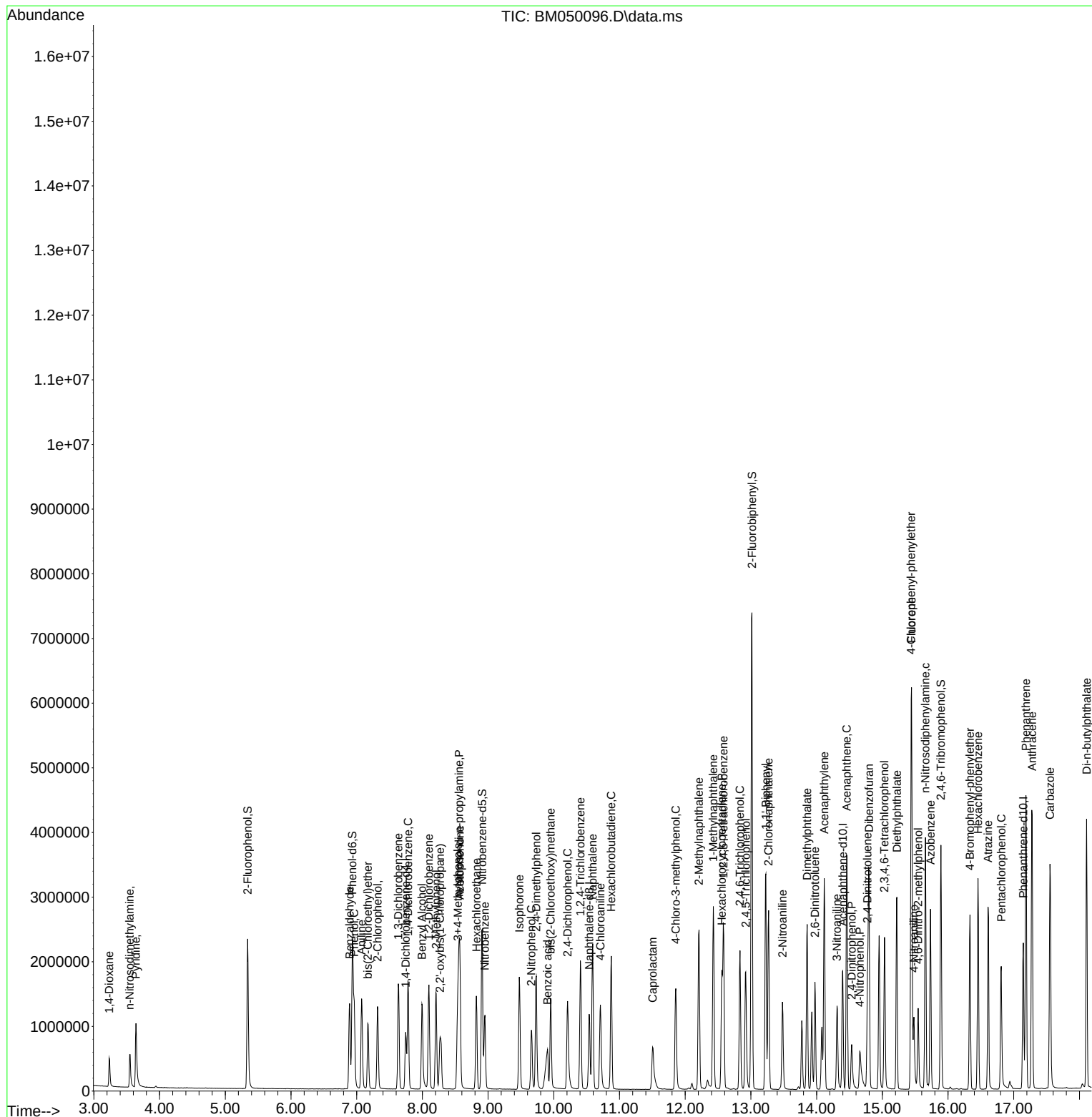
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	621796	39.588	ng	99
46) 1,1'-Biphenyl	13.227	154	1825108	37.011	ng	99
47) 2-Chloronaphthalene	13.268	162	1443971	36.973	ng	100
48) 2-Nitroaniline	13.480	65	363286	39.633	ng	99
49) Acenaphthylene	14.115	152	2310020	37.514	ng	100
50) Dimethylphthalate	13.857	163	1805057	37.233	ng	100
51) 2,6-Dinitrotoluene	13.974	165	393554	39.208	ng	99
52) Acenaphthene	14.457	154	1322056	37.091	ng	100
53) 3-Nitroaniline	14.310	138	390100	40.707	ng	100
54) 2,4-Dinitrophenol	14.533	184	227150	38.565	ng	98
55) Dibenzofuran	14.798	168	2218445	37.408	ng	99
56) 4-Nitrophenol	14.657	139	280919	38.524	ng	100
57) 2,4-Dinitrotoluene	14.774	165	553885	39.934	ng	98
58) Fluorene	15.445	166	1820845	37.511	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.033	232	530016	38.984	ng	98
60) Diethylphthalate	15.221	149	1685311	36.893	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	999499	37.488	ng	99
62) 4-Nitroaniline	15.480	138	388801	42.051	ng	99
63) Azobenzene	15.733	77	1421023	37.117	ng	97
65) 4,6-Dinitro-2-methylph...	15.545	198	333899	39.962	ng	99
66) n-Nitrosodiphenylamine	15.657	169	1548448	37.777	ng	98
67) 4-Bromophenyl-phenylether	16.333	248	603599	37.394	ng	97
68) Hexachlorobenzene	16.456	284	697206	37.471	ng	97
69) Atrazine	16.609	200	571836	38.676	ng	99
70) Pentachlorophenol	16.809	266	406540	38.816	ng	99
71) Phenanthrene	17.186	178	2802096	37.219	ng	100
72) Anthracene	17.280	178	2864342	37.595	ng	100
73) Carbazole	17.551	167	2522772	38.159	ng	99
74) Di-n-butylphthalate	18.109	149	2948729	37.453	ng	99
75) Fluoranthene	19.209	202	3388771	38.339	ng	99
77) Benzidine	19.392	184	1768881	39.848	ng	99
78) Pyrene	19.568	202	3459686	39.422	ng	100
80) Butylbenzylphthalate	20.468	149	1284636	39.083	ng	99
81) Benzo(a)anthracene	21.374	228	3234550	37.585	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	1283648	38.964	ng	100
83) Chrysene	21.433	228	2962136	37.189	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	1801797	36.699	ng	99
85) Di-n-octyl phthalate	22.409	149	3010178	37.178	ng	99
87) Indeno(1,2,3-cd)pyrene	27.773	276	3521793	37.708	ng	99
88) Benzo(b)fluoranthene	23.438	252	2973664	36.480	ng	100
89) Benzo(k)fluoranthene	23.497	252	2976318	36.097	ng	100
90) Benzo(a)pyrene	24.244	252	2858100	37.436	ng	100
91) Dibenzo(a,h)anthracene	27.815	278	2883384	37.873	ng	99
92) Benzo(g,h,i)perylene	28.826	276	2755094	37.799	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050096.D
 Acq On : 05 May 2025 12:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

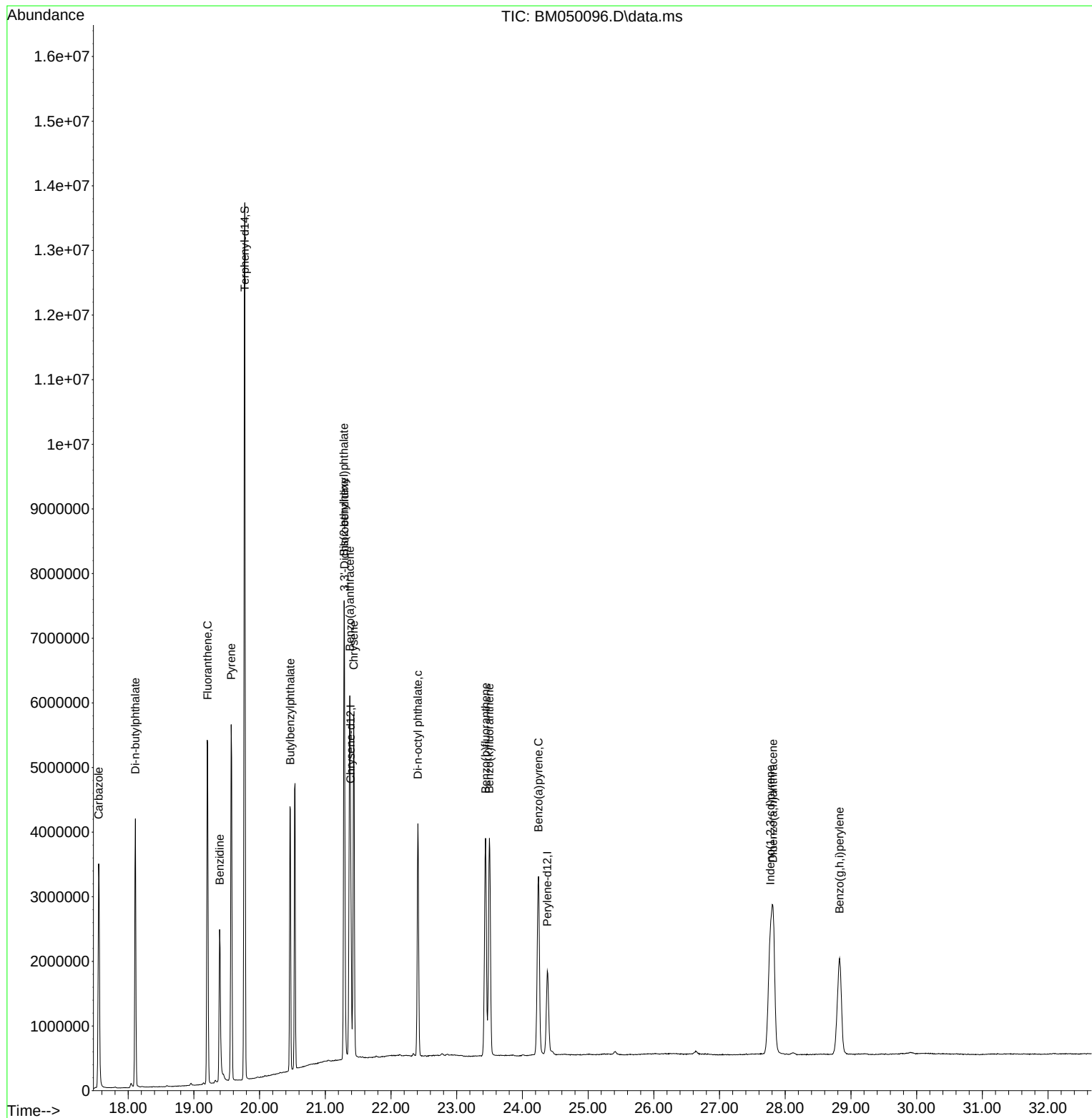
Quant Time: May 05 13:18:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050096.D
 Acq On : 05 May 2025 12:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 05 13:18:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	105	-0.02
2	1,4-Dioxane	0.490	0.440	10.2	91	-0.02
3	Pyridine	1.258	1.210	3.8	96	-0.02
4	n-Nitrosodimethylamine	0.493	0.461	6.5	93	-0.02
5 S	2-Fluorophenol	1.142	1.095	4.1	95	-0.02
6	Aniline	1.813	1.770	2.4	96	-0.02
7 S	Phenol-d6	1.436	1.417	1.3	97	-0.02
8	2-Chlorophenol	1.235	1.197	3.1	96	-0.02
9	Benzaldehyde	0.961	0.917	4.6	94	-0.02
10 C	Phenol	1.453	1.425	1.9	97	-0.02
11	bis(2-Chloroethyl)ether	1.213	1.144	5.7	94	-0.02
12	1,3-Dichlorobenzene	1.492	1.404	5.9	94	-0.02
13 C	1,4-Dichlorobenzene	1.499	1.413	5.7	95	-0.02
14	1,2-Dichlorobenzene	1.448	1.363	5.9	94	-0.02
15	Benzyl Alcohol	0.996	1.018	-2.2	99	-0.02
16	2,2'-oxybis(1-Chloropropane	1.475	1.399	5.2	95	-0.02
17	2-Methylphenol	0.957	0.951	0.6	97	-0.01
18	Hexachloroethane	0.533	0.498	6.6	94	-0.02
19 P	n-Nitroso-di-n-propylamine	0.921	0.922	-0.1	97	-0.02
20	3+4-Methylphenols	1.293	1.307	-1.1	99	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	109	-0.02
22	Acetophenone	0.497	0.471	5.2	96	-0.02
23 S	Nitrobenzene-d5	0.406	0.383	5.7	96	-0.02
24	Nitrobenzene	0.351	0.331	5.7	96	-0.02
25	Isophorone	0.692	0.662	4.3	99	-0.02
26 C	2-Nitrophenol	0.179	0.181	-1.1	100	-0.02
27	2,4-Dimethylphenol	0.297	0.291	2.0	98	-0.02
28	bis(2-Chloroethoxy)methane	0.428	0.405	5.4	97	-0.02
29 C	2,4-Dichlorophenol	0.333	0.330	0.9	99	-0.02
30	1,2,4-Trichlorobenzene	0.406	0.380	6.4	97	-0.02
31	Naphthalene	1.013	0.951	6.1	97	-0.02
32	Benzoic acid	0.190	0.198	-4.2	109	0.00
33	4-Chloroaniline	0.415	0.407	1.9	101	-0.02
34 C	Hexachlorobutadiene	0.258	0.238	7.8	96	-0.02
35	Caprolactam	0.097	0.100	-3.1	104	-0.02
36 C	4-Chloro-3-methylphenol	0.308	0.301	2.3	101	-0.01
37	2-Methylnaphthalene	0.679	0.646	4.9	99	-0.02
38	1-Methylnaphthalene	0.719	0.679	5.6	98	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	112	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.692	0.652	5.8	98	-0.02
41 P	Hexachlorocyclopentadiene	0.423	0.376	11.1	93	-0.02
42 S	2,4,6-Tribromophenol	0.296	0.291	1.7	103	-0.01
43 C	2,4,6-Trichlorophenol	0.439	0.433	1.4	102	-0.02
44	2,4,5-Trichlorophenol	0.474	0.469	1.1	102	-0.01
45 S	2-Fluorobiphenyl	1.691	1.567	7.3	97	-0.02
46	1,1'-Biphenyl	1.487	1.376	7.5	98	-0.02
47	2-Chloronaphthalene	1.177	1.088	7.6	98	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050096.D
 Acq On : 05 May 2025 12:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 05 13:18:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	0.276	0.274	0.7	102	-0.02
49	Acenaphthylene	1.857	1.741	6.2	99	-0.02
50	Dimethylphthalate	1.462	1.361	6.9	100	-0.01
51	2,6-Dinitrotoluene	0.303	0.297	2.0	102	-0.02
52 C	Acenaphthene	1.075	0.996	7.3	99	-0.02
53	3-Nitroaniline	0.289	0.294	-1.7	103	-0.02
54 P	2,4-Dinitrophenol	0.164	0.171	-4.3	108	-0.01
55	Dibenzofuran	1.788	1.672	6.5	100	-0.01
56 P	4-Nitrophenol	0.205	0.212	-3.4	106	-0.01
57	2,4-Dinitrotoluene	0.418	0.417	0.2	103	-0.01
58	Fluorene	1.463	1.372	6.2	99	-0.02
59	2,3,4,6-Tetrachlorophenol	0.410	0.399	2.7	103	-0.01
60	Diethylphthalate	1.377	1.270	7.8	99	-0.01
61	4-Chlorophenyl-phenylether	0.804	0.753	6.3	99	-0.02
62	4-Nitroaniline	0.279	0.293	-5.0	105	-0.01
63	Azobenzene	1.154	1.071	7.2	99	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	115	-0.01
65	4,6-Dinitro-2-methylphenol	0.125	0.125	0.0	106	-0.01
66 c	n-Nitrosodiphenylamine	0.614	0.580	5.5	102	-0.01
67	4-Bromophenyl-phenylether	0.242	0.226	6.6	101	-0.01
68	Hexachlorobenzene	0.279	0.261	6.5	102	-0.01
69	Atrazine	0.222	0.214	3.6	104	-0.02
70 C	Pentachlorophenol	0.157	0.152	3.2	105	-0.01
71	Phenanthrene	1.128	1.050	6.9	101	-0.01
72	Anthracene	1.142	1.073	6.0	101	-0.01
73	Carbazole	0.991	0.945	4.6	103	-0.02
74	Di-n-butylphthalate	1.180	1.105	6.4	102	-0.01
75 C	Fluoranthene	1.324	1.269	4.2	103	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	112	-0.01
77	Benzidine	0.710	0.708	0.3	103	-0.01
78	Pyrene	1.404	1.384	1.4	102	-0.01
79 S	Terphenyl-d14	1.352	1.328	1.8	98	0.00
80	Butylbenzylphthalate	0.526	0.514	2.3	103	-0.01
81	Benzo(a)anthracene	1.377	1.294	6.0	98	0.00
82	3,3'-Dichlorobenzidine	0.527	0.514	2.5	99	-0.01
83	Chrysene	1.275	1.185	7.1	99	-0.01
84	Bis(2-ethylhexyl)phthalate	0.786	0.721	8.3	96	-0.01
85 c	Di-n-octyl phthalate	1.296	1.204	7.1	99	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	117	-0.02
87	Indeno(1,2,3-cd)pyrene	1.490	1.405	5.7	103	-0.02
88	Benzo(b)fluoranthene	1.301	1.186	8.8	99	-0.01
89	Benzo(k)fluoranthene	1.316	1.187	9.8	100	-0.02
90 C	Benzo(a)pyrene	1.218	1.140	6.4	103	-0.02
91	Dibenzo(a,h)anthracene	1.215	1.150	5.3	103	-0.04
92	Benzo(g,h,i)perylene	1.163	1.099	5.5	104	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050096.D
 Acq On : 05 May 2025 12:18
 Operator : RC/JU
 Sample : SSTDCCC040
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Instrument :
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Quant Time: May 05 13:18:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	105	-0.02
2	1,4-Dioxane	40.000	35.976	10.1	91	-0.02
3	Pyridine	40.000	38.453	3.9	96	-0.02
4	n-Nitrosodimethylamine	40.000	37.372	6.6	93	-0.02
5 S	2-Fluorophenol	80.000	76.675	4.2	95	-0.02
6	Aniline	40.000	39.051	2.4	96	-0.02
7 S	Phenol-d6	80.000	78.959	1.3	97	-0.02
8	2-Chlorophenol	40.000	38.778	3.1	96	-0.02
9	Benzaldehyde	40.000	38.194	4.5	94	-0.02
10 C	Phenol	40.000	39.230	1.9	97	-0.02
11	bis(2-Chloroethyl)ether	40.000	37.722	5.7	94	-0.02
12	1,3-Dichlorobenzene	40.000	37.650	5.9	94	-0.02
13 C	1,4-Dichlorobenzene	40.000	37.725	5.7	95	-0.02
14	1,2-Dichlorobenzene	40.000	37.671	5.8	94	-0.02
15	Benzyl Alcohol	40.000	40.911	-2.3	99	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	37.940	5.2	95	-0.02
17	2-Methylphenol	40.000	39.731	0.7	97	-0.01
18	Hexachloroethane	40.000	37.387	6.5	94	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	40.068	-0.2	97	-0.02
20	3+4-Methylphenols	40.000	40.424	-1.1	99	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	109	-0.02
22	Acetophenone	40.000	37.853	5.4	96	-0.02
23 S	Nitrobenzene-d5	80.000	75.486	5.6	96	-0.02
24	Nitrobenzene	40.000	37.711	5.7	96	-0.02
25	Isophorone	40.000	38.272	4.3	99	-0.02
26 C	2-Nitrophenol	40.000	40.391	-1.0	100	-0.02
27	2,4-Dimethylphenol	40.000	39.207	2.0	98	-0.02
28	bis(2-Chloroethoxy)methane	40.000	37.911	5.2	97	-0.02
29 C	2,4-Dichlorophenol	40.000	39.667	0.8	99	-0.02
30	1,2,4-Trichlorobenzene	40.000	37.455	6.4	97	-0.02
31	Naphthalene	40.000	37.558	6.1	97	-0.02
32	Benzoic acid	40.000	41.598	-4.0	109	0.00
33	4-Chloroaniline	40.000	39.262	1.8	101	-0.02
34 C	Hexachlorobutadiene	40.000	36.955	7.6	96	-0.02
35	Caprolactam	40.000	41.235	-3.1	104	-0.02
36 C	4-Chloro-3-methylphenol	40.000	39.178	2.1	101	-0.01
37	2-Methylnaphthalene	40.000	38.059	4.9	99	-0.02
38	1-Methylnaphthalene	40.000	37.796	5.5	98	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	112	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	37.664	5.8	98	-0.02
41 P	Hexachlorocyclopentadiene	40.000	35.546	11.1	93	-0.02
42 S	2,4,6-Tribromophenol	80.000	78.767	1.5	103	-0.01
43 C	2,4,6-Trichlorophenol	40.000	39.402	1.5	102	-0.02
44	2,4,5-Trichlorophenol	40.000	39.588	1.0	102	-0.01
45 S	2-Fluorobiphenyl	80.000	74.166	7.3	97	-0.02
46	1,1'-Biphenyl	40.000	37.011	7.5	98	-0.02
47	2-Chloronaphthalene	40.000	36.973	7.6	98	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050096.D
 Acq On : 05 May 2025 12:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 05 13:18:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 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	39.633	0.9	102	-0.02
49	Acenaphthylene	40.000	37.514	6.2	99	-0.02
50	Dimethylphthalate	40.000	37.233	6.9	100	-0.01
51	2,6-Dinitrotoluene	40.000	39.208	2.0	102	-0.02
52 C	Acenaphthene	40.000	37.091	7.3	99	-0.02
53	3-Nitroaniline	40.000	40.707	-1.8	103	-0.02
54 P	2,4-Dinitrophenol	40.000	38.565	3.6	108	-0.01
55	Dibenzofuran	40.000	37.408	6.5	100	-0.01
56 P	4-Nitrophenol	40.000	38.524	3.7	106	-0.01
57	2,4-Dinitrotoluene	40.000	39.934	0.2	103	-0.01
58	Fluorene	40.000	37.511	6.2	99	-0.02
59	2,3,4,6-Tetrachlorophenol	40.000	38.984	2.5	103	-0.01
60	Diethylphthalate	40.000	36.893	7.8	99	-0.01
61	4-Chlorophenyl-phenylether	40.000	37.488	6.3	99	-0.02
62	4-Nitroaniline	40.000	42.051	-5.1	105	-0.01
63	Azobenzene	40.000	37.117	7.2	99	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	115	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	39.962	0.1	106	-0.01
66 c	n-Nitrosodiphenylamine	40.000	37.777	5.6	102	-0.01
67	4-Bromophenyl-phenylether	40.000	37.394	6.5	101	-0.01
68	Hexachlorobenzene	40.000	37.471	6.3	102	-0.01
69	Atrazine	40.000	38.676	3.3	104	-0.02
70 C	Pentachlorophenol	40.000	38.816	3.0	105	-0.01
71	Phenanthrene	40.000	37.219	7.0	101	-0.01
72	Anthracene	40.000	37.595	6.0	101	-0.01
73	Carbazole	40.000	38.159	4.6	103	-0.02
74	Di-n-butylphthalate	40.000	37.453	6.4	102	-0.01
75 C	Fluoranthene	40.000	38.339	4.2	103	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	112	-0.01
77	Benzydine	40.000	39.848	0.4	103	-0.01
78	Pyrene	40.000	39.422	1.4	102	-0.01
79 S	Terphenyl-d14	80.000	78.622	1.7	98	0.00
80	Butylbenzylphthalate	40.000	39.083	2.3	103	-0.01
81	Benzo(a)anthracene	40.000	37.585	6.0	98	0.00
82	3,3'-Dichlorobenzidine	40.000	38.964	2.6	99	-0.01
83	Chrysene	40.000	37.189	7.0	99	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	36.699	8.3	96	-0.01
85 c	Di-n-octyl phthalate	40.000	37.178	7.1	99	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	117	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	37.708	5.7	103	-0.02
88	Benzo(b)fluoranthene	40.000	36.480	8.8	99	-0.01
89	Benzo(k)fluoranthene	40.000	36.097	9.8	100	-0.02
90 C	Benzo(a)pyrene	40.000	37.436	6.4	103	-0.02
91	Dibenzo(a,h)anthracene	40.000	37.873	5.3	103	-0.04
92	Benzo(g,h,i)perylene	40.000	37.799	5.5	104	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050096.D
Acq On : 05 May 2025 12:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:18:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 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



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.: Q1929 SAS No.: Q1929 SDG No.: Q1929

Instrument ID: BNA_P Calibration Date/Time: 05/05/2025 12:38

Lab File ID: BP024522.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.351	1.195		-11.5	
2-Fluorophenol	1.210	1.171		-3.2	
Phenol-d6	1.656	1.555		-6.1	
1,4-Dichlorobenzene	1.475	1.397		-5.3	20.0
2-Methylphenol	1.075	1.030		-4.2	
3+4-Methylphenols	1.491	1.423		-4.6	
Nitrobenzene-d5	0.351	0.347		-1.1	
Hexachloroethane	0.533	0.505		-5.3	
Nitrobenzene	0.347	0.332		-4.3	
Hexachlorobutadiene	0.183	0.193		5.5	20.0
2,4,6-Trichlorophenol	0.366	0.371		1.4	20.0
2-Fluorobiphenyl	1.306	1.264		-3.2	
2,4,5-Trichlorophenol	0.405	0.407		0.5	
2,4-Dinitrotoluene	0.421	0.437		3.8	
2,4,6-Tribromophenol	0.277	0.323		16.6	
Hexachlorobenzene	0.260	0.274		5.4	
Pentachlorophenol	0.181	0.195		7.7	20.0
Terphenyl-d14	0.992	0.960		-3.2	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024522.D
 Acq On : 05 May 2025 12:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 05 13:05:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	132437	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	539349	20.000	ng	-0.02
39) Acenaphthene-d10	14.340	164	358648	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	715330	20.000	ng	0.00
76) Chrysene-d12	21.604	240	882732	20.000	ng	# 0.01
86) Perylene-d12	24.927	264	1072388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	620420	77.458	ng	-0.02
7) Phenol-d6	6.899	99	823894	75.121	ng	-0.01
23) Nitrobenzene-d5	8.852	82	747857	79.065	ng	-0.02
42) 2,4,6-Tribromophenol	15.869	330	462897	93.287	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1813216	77.408	ng	-0.01
79) Terphenyl-d14	19.875	244	3389636	77.399	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.276	88	121212	35.777	ng	96
3) Pyridine	3.676	79	316441	35.372	ng	94
4) n-Nitrosodimethylamine	3.581	42	126596	42.639	ng	78
6) Aniline	7.046	93	366900	37.437	ng	98
8) 2-Chlorophenol	7.281	128	348215	38.938	ng	98
9) Benzaldehyde	6.864	77	227897	42.007	ng	95
10) Phenol	6.922	94	403296	36.656	ng	92
11) bis(2-Chloroethyl)ether	7.140	93	306380	34.563	ng	100
12) 1,3-Dichlorobenzene	7.599	146	367864	38.210	ng	99
13) 1,4-Dichlorobenzene	7.740	146	369994	37.877	ng	100
14) 1,2-Dichlorobenzene	8.058	146	361092	38.282	ng	99
15) Benzyl Alcohol	7.946	79	285104	40.197	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.234	45	331133	34.559	ng	99
17) 2-Methylphenol	8.152	107	272914	38.345	ng	98
18) Hexachloroethane	8.769	117	133738	37.884	ng	96
19) n-Nitroso-di-n-propyla...	8.505	70	248576	36.635	ng	95
20) 3+4-Methylphenols	8.475	107	377025	38.178	ng	97
22) Acetophenone	8.522	105	525529	39.368	ng	# 98
24) Nitrobenzene	8.899	77	358077	38.268	ng	97
25) Isophorone	9.416	82	655624	38.294	ng	98
26) 2-Nitrophenol	9.599	139	196984	43.018	ng	97
27) 2,4-Dimethylphenol	9.663	122	228268	39.701	ng	99
28) bis(2-Chloroethoxy)met...	9.893	93	411315	35.563	ng	99
29) 2,4-Dichlorophenol	10.140	162	320136	40.835	ng	98
30) 1,2,4-Trichlorobenzene	10.340	180	332331	39.565	ng	99
31) Naphthalene	10.528	128	1096383	38.590	ng	99
32) Benzoic acid	9.816	122	269510	40.228	ng	97
33) 4-Chloroaniline	10.640	127	403971	40.376	ng	99
34) Hexachlorobutadiene	10.810	225	207808	42.102	ng	99
35) Caprolactam	11.434	113	123328	42.634	ng	97
36) 4-Chloro-3-methylphenol	11.775	107	379400	41.549	ng	99
37) 2-Methylnaphthalene	12.140	142	768396	38.998	ng	98
38) 1-Methylnaphthalene	12.363	142	749001	38.858	ng	100
40) 1,2,4,5-Tetrachloroben...	12.510	216	386220	39.159	ng	100
41) Hexachlorocyclopentadiene	12.487	237	126536	36.275	ng	100
43) 2,4,6-Trichlorophenol	12.757	196	265918	40.552	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024522.D
 Acq On : 05 May 2025 12:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 05 13:05:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

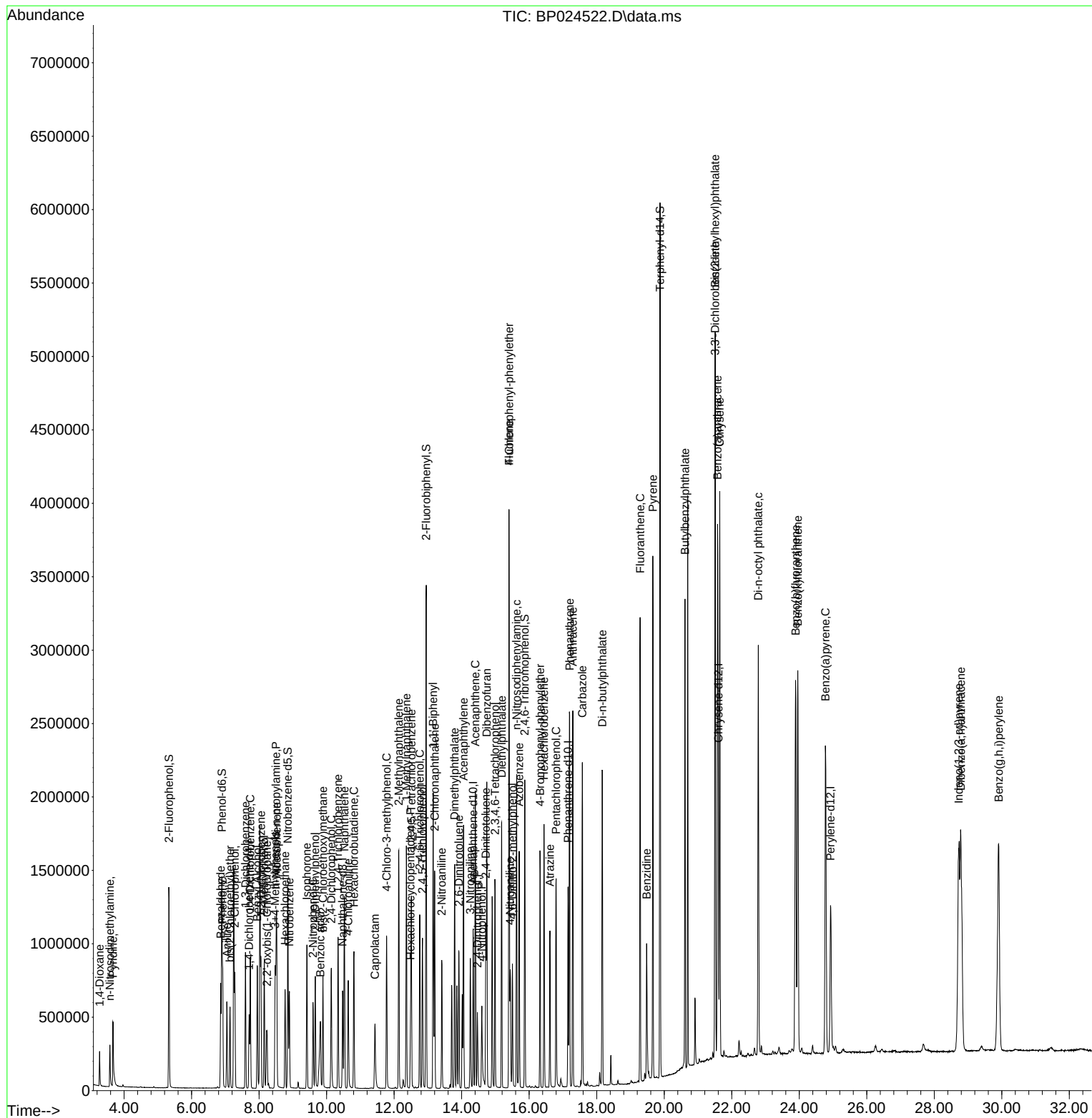
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	291771	40.181	ng	99
46) 1,1'-Biphenyl	13.157	154	996822	37.812	ng	98
47) 2-Chloronaphthalene	13.204	162	751741	38.154	ng	99
48) 2-Nitroaniline	13.410	65	232134	42.002	ng	92
49) Acenaphthylene	14.057	152	1209138	38.978	ng	100
50) Dimethylphthalate	13.793	163	1025676	39.326	ng	100
51) 2,6-Dinitrotoluene	13.916	165	223409	40.338	ng	96
52) Acenaphthene	14.404	154	745486	37.907	ng	98
53) 3-Nitroaniline	14.257	138	238177	40.918	ng	99
54) 2,4-Dinitrophenol	14.469	184	135885	41.652	ng	94
55) Dibenzofuran	14.746	168	1215274	37.805	ng	97
56) 4-Nitrophenol	14.598	139	204781	40.734	ng	87
57) 2,4-Dinitrotoluene	14.716	165	313164	41.451	ng	99
58) Fluorene	15.404	166	957243	38.466	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	270913	40.451	ng	99
60) Diethylphthalate	15.187	149	1061854	39.507	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	472625	39.111	ng	99
62) 4-Nitroaniline	15.440	138	264096	42.858	ng	88
63) Azobenzene	15.704	77	909080	36.799	ng	96
65) 4,6-Dinitro-2-methylph...	15.504	198	186357	41.322	ng	95
66) n-Nitrosodiphenylamine	15.628	169	817880	38.306	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	317430	40.574	ng	97
68) Hexachlorobenzene	16.440	284	391978	42.165	ng	99
69) Atrazine	16.616	200	216677	39.846	ng	97
70) Pentachlorophenol	16.798	266	279598	43.112	ng	99
71) Phenanthrene	17.198	178	1501631	38.480	ng	99
72) Anthracene	17.292	178	1493914	39.721	ng	99
73) Carbazole	17.575	167	1492224	40.606	ng	99
74) Di-n-butylphthalate	18.169	149	1940609	42.387	ng	100
75) Fluoranthene	19.286	202	1924412	41.464	ng	96
77) Benzidine	19.481	184	658085	58.813	ng	99
78) Pyrene	19.663	202	2017997	35.972	ng	99
80) Butylbenzylphthalate	20.616	149	962897	40.073	ng	94
81) Benzo(a)anthracene	21.580	228	2118786	38.617	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	834874	43.353	ng	99
83) Chrysene	21.645	228	2034193	38.698	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	1436161	40.771	ng	100
85) Di-n-octyl phthalate	22.786	149	2491117	43.501	ng	100
87) Indeno(1,2,3-cd)pyrene	28.721	276	2911665	39.109	ng #	96
88) Benzo(b)fluoranthene	23.892	252	2425230	37.729	ng #	97
89) Benzo(k)fluoranthene	23.957	252	2349778	37.844	ng #	97
90) Benzo(a)pyrene	24.774	252	2146872	38.719	ng	98
91) Dibenzo(a,h)anthracene	28.786	278	2420922	39.176	ng	97
92) Benzo(g,h,i)perylene	29.909	276	2470173	39.272	ng #	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024522.D
Acq On : 05 May 2025 12:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 05 13:05:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	54	-0.02
2	1,4-Dioxane	0.512	0.458	10.5	48#	-0.01
3	Pyridine	1.351	1.195	11.5	46#	-0.01
4	n-Nitrosodimethylamine	0.448	0.478	-6.7	56	-0.01
5 S	2-Fluorophenol	1.210	1.171	3.2	50	-0.02
6	Aniline	1.480	1.385	6.4	47#	-0.02
7 S	Phenol-d6	1.656	1.555	6.1	48#	-0.01
8	2-Chlorophenol	1.350	1.315	2.6	51	-0.02
9	Benzaldehyde	0.819	0.860	-5.0	55	-0.02
10 C	Phenol	1.661	1.523	8.3	47#	-0.02
11	bis(2-Chloroethyl)ether	1.339	1.157	13.6	44#	-0.02
12	1,3-Dichlorobenzene	1.454	1.389	4.5	50	-0.02
13 C	1,4-Dichlorobenzene	1.475	1.397	5.3	50	-0.02
14	1,2-Dichlorobenzene	1.424	1.363	4.3	51	-0.02
15	Benzyl Alcohol	1.071	1.076	-0.5	50#	-0.02
16	2,2'-oxybis(1-Chloropropane	1.447	1.250	13.6	44#	-0.01
17	2-Methylphenol	1.075	1.030	4.2	49#	-0.02
18	Hexachloroethane	0.533	0.505	5.3	50	-0.02
19 P	n-Nitroso-di-n-propylamine	1.025	0.938	8.5	47#	-0.02
20	3+4-Methylphenols	1.491	1.423	4.6	48#	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	52	-0.02
22	Acetophenone	0.495	0.487	1.6	48#	-0.02
23 S	Nitrobenzene-d5	0.351	0.347	1.1	49#	-0.02
24	Nitrobenzene	0.347	0.332	4.3	47#	-0.01
25	Isophorone	0.635	0.608	4.3	47#	-0.01
26 C	2-Nitrophenol	0.170	0.183	-7.6	51	-0.02
27	2,4-Dimethylphenol	0.213	0.212	0.5	48#	-0.02
28	bis(2-Chloroethoxy)methane	0.429	0.381	11.2	43#	-0.02
29 C	2,4-Dichlorophenol	0.291	0.297	-2.1	50#	-0.01
30	1,2,4-Trichlorobenzene	0.311	0.308	1.0	50#	-0.02
31	Naphthalene	1.054	1.016	3.6	49#	-0.02
32	Benzoic acid	0.248	0.250	-0.8	53	0.00
33	4-Chloroaniline	0.371	0.374	-0.8	49#	-0.02
34 C	Hexachlorobutadiene	0.183	0.193	-5.5	53	-0.02
35	Caprolactam	0.107	0.114	-6.5	53	-0.01
36 C	4-Chloro-3-methylphenol	0.339	0.352	-3.8	51	-0.02
37	2-Methylnaphthalene	0.731	0.712	2.6	49#	-0.02
38	1-Methylnaphthalene	0.715	0.694	2.9	49#	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	55	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.550	0.538	2.2	51	-0.02
41 P	Hexachlorocyclopentadiene	0.195	0.176	9.7	44#	-0.02
42 S	2,4,6-Tribromophenol	0.277	0.323	-16.6	61	0.00
43 C	2,4,6-Trichlorophenol	0.366	0.371	-1.4	52	-0.02
44	2,4,5-Trichlorophenol	0.405	0.407	-0.5	52	-0.02
45 S	2-Fluorobiphenyl	1.306	1.264	3.2	50	-0.01
46	1,1'-Biphenyl	1.470	1.390	5.4	50#	-0.02
47	2-Chloronaphthalene	1.099	1.048	4.6	50	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024522.D
 Acq On : 05 May 2025 12:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 05 13:05:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 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	0.308	0.324	-5.2	53	-0.01
49	Acenaphthylene	1.730	1.686	2.5	51	-0.01
50	Dimethylphthalate	1.454	1.430	1.7	52	-0.02
51	2,6-Dinitrotoluene	0.309	0.311	-0.6	52	-0.01
52 C	Acenaphthene	1.097	1.039	5.3	50	-0.02
53	3-Nitroaniline	0.325	0.332	-2.2	51	0.00
54 P	2,4-Dinitrophenol	0.182	0.189	-3.8	56	0.00
55	Dibenzofuran	1.793	1.694	5.5	50	-0.01
56 P	4-Nitrophenol	0.280	0.285	-1.8	51	0.00
57	2,4-Dinitrotoluene	0.421	0.437	-3.8	53	0.00
58	Fluorene	1.388	1.335	3.8	52	-0.01
59	2,3,4,6-Tetrachlorophenol	0.373	0.378	-1.3	53	0.00
60	Diethylphthalate	1.499	1.480	1.3	52	0.00
61	4-Chlorophenyl-phenylether	0.674	0.659	2.2	53	0.00
62	4-Nitroaniline	0.344	0.368	-7.0	54	0.00
63	Azobenzene	1.378	1.267	8.1	48#	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	56	0.00
65	4,6-Dinitro-2-methylphenol	0.126	0.130	-3.2	56	0.00
66 c	n-Nitrosodiphenylamine	0.597	0.572	4.2	51	0.00
67	4-Bromophenyl-phenylether	0.219	0.222	-1.4	54	0.00
68	Hexachlorobenzene	0.260	0.274	-5.4	57	0.00
69	Atrazine	0.152	0.151	0.7	70	0.00
70 C	Pentachlorophenol	0.181	0.195	-7.7	56	0.00
71	Phenanthrene	1.091	1.050	3.8	52	0.00
72	Anthracene	1.052	1.044	0.8	53	0.00
73	Carbazole	1.027	1.043	-1.6	54	0.00
74	Di-n-butylphthalate	1.280	1.356	-5.9	54	0.01
75 C	Fluoranthene	1.298	1.345	-3.6	56	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	65	0.01
77	Benzidine	0.254	0.373	-46.9#	56	0.00
78	Pyrene	1.271	1.143	10.1	57	0.01
79 S	Terphenyl-d14	0.992	0.960	3.2	61	0.00
80	Butylbenzylphthalate	0.544	0.545	-0.2	60	0.01
81	Benzo(a)anthracene	1.243	1.200	3.5	61	0.01
82	3,3'-Dichlorobenzidine	0.436	0.473	-8.5	64	0.01
83	Chrysene	1.191	1.152	3.3	62	0.00
84	Bis(2-ethylhexyl)phthalate	0.798	0.813	-1.9	60	0.00
85 c	Di-n-octyl phthalate	1.297	1.411	-8.8	63	0.00
86 I	Perylene-d12	1.000	1.000	0.0	72	0.00
87	Indeno(1,2,3-cd)pyrene	1.388	1.358	2.2	68	-0.02
88	Benzo(b)fluoranthene	1.199	1.131	5.7	65	0.00
89	Benzo(k)fluoranthene	1.158	1.096	5.4	65	0.00
90 C	Benzo(a)pyrene	1.034	1.001	3.2	66	0.00
91	Dibenzo(a,h)anthracene	1.152	1.129	2.0	68	-0.02
92	Benzo(g,h,i)perylene	1.173	1.152	1.8	68	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024522.D
Acq On : 05 May 2025 12:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:05:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024522.D
 Acq On : 05 May 2025 12:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 05 13:05:20 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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	54	-0.02
2	1,4-Dioxane	40.000	35.777	10.6	48	-0.01
3	Pyridine	40.000	35.372	11.6	46	-0.01
4	n-Nitrosodimethylamine	40.000	42.639	-6.6	56	-0.01
5 S	2-Fluorophenol	80.000	77.458	3.2	50	-0.02
6	Aniline	40.000	37.437	6.4	47	-0.02
7 S	Phenol-d6	80.000	75.121	6.1	48	-0.01
8	2-Chlorophenol	40.000	38.938	2.7	51	-0.02
9	Benzaldehyde	40.000	42.007	-5.0	55	-0.02
10 C	Phenol	40.000	36.656	8.4	47	-0.02
11	bis(2-Chloroethyl)ether	40.000	34.563	13.6	44	-0.02
12	1,3-Dichlorobenzene	40.000	38.210	4.5	50	-0.02
13 C	1,4-Dichlorobenzene	40.000	37.877	5.3	50	-0.02
14	1,2-Dichlorobenzene	40.000	38.282	4.3	51	-0.02
15	Benzyl Alcohol	40.000	40.197	-0.5	50	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	34.559	13.6	44	-0.01
17	2-Methylphenol	40.000	38.345	4.1	49	-0.02
18	Hexachloroethane	40.000	37.884	5.3	50	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	36.635	8.4	47	-0.02
20	3+4-Methylphenols	40.000	38.178	4.6	48	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	52	-0.02
22	Acetophenone	40.000	39.368	1.6	48	-0.02
23 S	Nitrobenzene-d5	80.000	79.065	1.2	49	-0.02
24	Nitrobenzene	40.000	38.268	4.3	47	-0.01
25	Isophorone	40.000	38.294	4.3	47	-0.01
26 C	2-Nitrophenol	40.000	43.018	-7.5	51	-0.02
27	2,4-Dimethylphenol	40.000	39.701	0.7	48	-0.02
28	bis(2-Chloroethoxy)methane	40.000	35.563	11.1	43	-0.02
29 C	2,4-Dichlorophenol	40.000	40.835	-2.1	50	-0.01
30	1,2,4-Trichlorobenzene	40.000	39.565	1.1	50	-0.02
31	Naphthalene	40.000	38.590	3.5	49	-0.02
32	Benzoic acid	40.000	40.228	-0.6	53	0.00
33	4-Chloroaniline	40.000	40.376	-0.9	49	-0.02
34 C	Hexachlorobutadiene	40.000	42.102	-5.3	53	-0.02
35	Caprolactam	40.000	42.634	-6.6	53	-0.01
36 C	4-Chloro-3-methylphenol	40.000	41.549	-3.9	51	-0.02
37	2-Methylnaphthalene	40.000	38.998	2.5	49	-0.02
38	1-Methylnaphthalene	40.000	38.858	2.9	49	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	55	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	39.159	2.1	51	-0.02
41 P	Hexachlorocyclopentadiene	40.000	36.275	9.3	44	-0.02
42 S	2,4,6-Tribromophenol	80.000	93.287	-16.6	61	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.552	-1.4	52	-0.02
44	2,4,5-Trichlorophenol	40.000	40.181	-0.5	52	-0.02
45 S	2-Fluorobiphenyl	80.000	77.408	3.2	50	-0.01
46	1,1'-Biphenyl	40.000	37.812	5.5	50	-0.02
47	2-Chloronaphthalene	40.000	38.154	4.6	50	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024522.D
 Acq On : 05 May 2025 12:38
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 05 13:05:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 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	42.002	-5.0	53	-0.01
49	Acenaphthylene	40.000	38.978	2.6	51	-0.01
50	Dimethylphthalate	40.000	39.326	1.7	52	-0.02
51	2,6-Dinitrotoluene	40.000	40.338	-0.8	52	-0.01
52 C	Acenaphthene	40.000	37.907	5.2	50	-0.02
53	3-Nitroaniline	40.000	40.918	-2.3	51	0.00
54 P	2,4-Dinitrophenol	40.000	41.652	-4.1	56	0.00
55	Dibenzofuran	40.000	37.805	5.5	50	-0.01
56 P	4-Nitrophenol	40.000	40.734	-1.8	51	0.00
57	2,4-Dinitrotoluene	40.000	41.451	-3.6	53	0.00
58	Fluorene	40.000	38.466	3.8	52	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	40.451	-1.1	53	0.00
60	Diethylphthalate	40.000	39.507	1.2	52	0.00
61	4-Chlorophenyl-phenylether	40.000	39.111	2.2	53	0.00
62	4-Nitroaniline	40.000	42.858	-7.1	54	0.00
63	Azobenzene	40.000	36.799	8.0	48	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	56	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.322	-3.3	56	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.306	4.2	51	0.00
67	4-Bromophenyl-phenylether	40.000	40.574	-1.4	54	0.00
68	Hexachlorobenzene	40.000	42.165	-5.4	57	0.00
69	Atrazine	40.000	39.846	0.4	70	0.00
70 C	Pentachlorophenol	40.000	43.112	-7.8	56	0.00
71	Phenanthrene	40.000	38.480	3.8	52	0.00
72	Anthracene	40.000	39.721	0.7	53	0.00
73	Carbazole	40.000	40.606	-1.5	54	0.00
74	Di-n-butylphthalate	40.000	42.387	-6.0	54	0.01
75 C	Fluoranthene	40.000	41.464	-3.7	56	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	65	0.01
77	Benzydine	40.000	58.813	-47.0#	56	0.00
78	Pyrene	40.000	35.972	10.1	57	0.01
79 S	Terphenyl-d14	80.000	77.399	3.3	61	0.00
80	Butylbenzylphthalate	40.000	40.073	-0.2	60	0.01
81	Benzo(a)anthracene	40.000	38.617	3.5	61	0.01
82	3,3'-Dichlorobenzidine	40.000	43.353	-8.4	64	0.01
83	Chrysene	40.000	38.698	3.3	62	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.771	-1.9	60	0.00
85 c	Di-n-octyl phthalate	40.000	43.501	-8.8	63	0.00
86 I	Perylene-d12	20.000	20.000	0.0	72	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.109	2.2	68	-0.02
88	Benzo(b)fluoranthene	40.000	37.729	5.7	65	0.00
89	Benzo(k)fluoranthene	40.000	37.844	5.4	65	0.00
90 C	Benzo(a)pyrene	40.000	38.719	3.2	66	0.00
91	Dibenzo(a,h)anthracene	40.000	39.176	2.1	68	-0.02
92	Benzo(g,h,i)perylene	40.000	39.272	1.8	68	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024522.D
Acq On : 05 May 2025 12:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 05 13:05:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 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



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.: Q1929 SAS No.: Q1929 SDG No.: Q1929

Instrument ID: BNA_P Calibration Date/Time: 05/06/2025 10:17

Lab File ID: BP024540.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.351	1.101		-18.5	
2-Fluorophenol	1.210	1.169		-3.4	
Phenol-d6	1.656	1.490		-10.0	
1,4-Dichlorobenzene	1.475	1.396		-5.4	20.0
2-Methylphenol	1.075	0.995		-7.4	
3+4-Methylphenols	1.491	1.350		-9.5	
Nitrobenzene-d5	0.351	0.343		-2.3	
Hexachloroethane	0.533	0.521		-2.3	
Nitrobenzene	0.347	0.336		-3.2	
Hexachlorobutadiene	0.183	0.197		7.7	20.0
2,4,6-Trichlorophenol	0.366	0.383		4.6	20.0
2-Fluorobiphenyl	1.306	1.299		-0.5	
2,4,5-Trichlorophenol	0.405	0.422		4.2	
2,4-Dinitrotoluene	0.421	0.437		3.8	
2,4,6-Tribromophenol	0.277	0.315		13.7	
Hexachlorobenzene	0.260	0.277		6.5	
Pentachlorophenol	0.181	0.191		5.5	20.0
Terphenyl-d14	0.992	0.978		-1.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024540.D
 Acq On : 06 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 06 13:41:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	159873	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	632107	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	387042	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	762899	20.000	ng	0.00
76) Chrysene-d12	21.580	240	851557	20.000	ng	-0.01
86) Perylene-d12	24.898	264	1008561	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	747784	77.338	ng	-0.02
7) Phenol-d6	6.899	99	952824	71.968	ng	-0.01
23) Nitrobenzene-d5	8.851	82	867321	78.239	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	487153	90.973	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	2011006	79.554	ng	-0.02
79) Terphenyl-d14	19.863	244	3331765	78.863	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	152025	37.172	ng	96
3) Pyridine	3.675	79	352071	32.601	ng	91
4) n-Nitrosodimethylamine	3.581	42	154888	43.215	ng	76
6) Aniline	7.046	93	386110	32.636	ng	99
8) 2-Chlorophenol	7.281	128	405922	37.602	ng	98
9) Benzaldehyde	6.863	77	256922	39.230	ng	98
10) Phenol	6.922	94	466555	35.129	ng	90
11) bis(2-Chloroethyl)ether	7.140	93	372008	34.764	ng	98
12) 1,3-Dichlorobenzene	7.593	146	437986	37.686	ng	98
13) 1,4-Dichlorobenzene	7.740	146	446429	37.859	ng	99
14) 1,2-Dichlorobenzene	8.057	146	426358	37.444	ng	98
15) Benzyl Alcohol	7.946	79	322385	37.653	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	400895	34.660	ng	100
17) 2-Methylphenol	8.152	107	318132	37.028	ng	96
18) Hexachloroethane	8.769	117	166638	39.103	ng	97
19) n-Nitroso-di-n-propyla...	8.504	70	283547	34.618	ng	94
20) 3+4-Methylphenols	8.481	107	431759	36.217	ng	98
22) Acetophenone	8.522	105	596779	38.145	ng	# 97
24) Nitrobenzene	8.893	77	424708	38.728	ng	98
25) Isophorone	9.416	82	743899	37.074	ng	98
26) 2-Nitrophenol	9.599	139	227996	42.484	ng	96
27) 2,4-Dimethylphenol	9.663	122	259698	38.539	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	480141	35.422	ng	98
29) 2,4-Dichlorophenol	10.140	162	374212	40.729	ng	98
30) 1,2,4-Trichlorobenzene	10.340	180	397310	40.360	ng	99
31) Naphthalene	10.522	128	1282685	38.523	ng	99
32) Benzoic acid	9.822	122	286904m	36.540	ng	
33) 4-Chloroaniline	10.646	127	440508	37.567	ng	99
34) Hexachlorobutadiene	10.804	225	248860	43.020	ng	99
35) Caprolactam	11.440	113	127992	37.754	ng	97
36) 4-Chloro-3-methylphenol	11.781	107	424537	39.670	ng	100
37) 2-Methylnaphthalene	12.134	142	875375	37.908	ng	97
38) 1-Methylnaphthalene	12.357	142	852533	37.739	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	443546	41.672	ng	100
41) Hexachlorocyclopentadiene	12.487	237	154429	41.024	ng	99
43) 2,4,6-Trichlorophenol	12.757	196	296235	41.862	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024540.D
 Acq On : 06 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 06 13:41:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	327050	41.735	ng	99
46) 1,1'-Biphenyl	13.157	154	1118780	39.325	ng	99
47) 2-Chloronaphthalene	13.198	162	844443	39.714	ng	98
48) 2-Nitroaniline	13.416	65	249517	41.835	ng	94
49) Acenaphthylene	14.057	152	1290957	38.563	ng	99
50) Dimethylphthalate	13.792	163	1079826	38.365	ng	100
51) 2,6-Dinitrotoluene	13.910	165	241315	40.375	ng	93
52) Acenaphthene	14.404	154	806835	38.017	ng	100
53) 3-Nitroaniline	14.251	138	240113	38.224	ng	100
54) 2,4-Dinitrophenol	14.469	184	137626	39.091	ng	88
55) Dibenzofuran	14.745	168	1305830	37.642	ng	95
56) 4-Nitrophenol	14.610	139	189138m	34.863	ng	
57) 2,4-Dinitrotoluene	14.722	165	337968	41.453	ng	98
58) Fluorene	15.410	166	1043749	38.866	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.986	232	290927	40.253	ng	97
60) Diethylphthalate	15.181	149	1135541	39.149	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	520251	39.894	ng	96
62) 4-Nitroaniline	15.439	138	260176	39.125	ng	87
63) Azobenzene	15.704	77	994386	37.300	ng	96
65) 4,6-Dinitro-2-methylph...	15.498	198	190456	39.598	ng	95
66) n-Nitrosodiphenylamine	15.628	169	877896	38.554	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	347590	41.659	ng	98
68) Hexachlorobenzene	16.428	284	422786	42.643	ng	98
69) Atrazine	16.598	200	213423	36.800	ng	98
70) Pentachlorophenol	16.786	266	290763	42.038	ng	99
71) Phenanthrene	17.186	178	1580153	37.968	ng	99
72) Anthracene	17.280	178	1574277	39.248	ng	100
73) Carbazole	17.569	167	1521439	38.820	ng	98
74) Di-n-butylphthalate	18.145	149	1988010	40.715	ng	100
75) Fluoranthene	19.269	202	1955487	39.506	ng	98
77) Benzidine	19.480	184	335953	31.123	ng	98
78) Pyrene	19.645	202	1987447	36.725	ng	100
80) Butylbenzylphthalate	20.592	149	928290	40.047	ng	99
81) Benzo(a)anthracene	21.563	228	2042490	38.589	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	733143	39.464	ng	99
83) Chrysene	21.627	228	1954651	38.547	ng	99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1356524	39.920	ng	100
85) Di-n-octyl phthalate	22.768	149	2338603	42.333	ng	100
87) Indeno(1,2,3-cd)pyrene	28.686	276	2760648	39.427	ng	# 69
88) Benzo(b)fluoranthene	23.862	252	2338497m	38.682	ng	
89) Benzo(k)fluoranthene	23.933	252	2156128	36.923	ng	98
90) Benzo(a)pyrene	24.751	252	2020791	38.752	ng	98
91) Dibenzo(a,h)anthracene	28.762	278	2265399	38.980	ng	98
92) Benzo(g,h,i)perylene	29.868	276	2312588m	39.093	ng	

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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Abundance

TIC: BP024540.D\data.ms

Time-->

1,4-Dioxane
n-Heptane, methylamine,
2-Fluorophenol, S
Benzylalcohol
Phenol-d6, S
Aniline
2,4-Dichlorobenzene, C
Benzaldehyde
2,2'-oxybis[2-chloroethanol]
Acetophenone
N-Propylamine, P
Hexachlorobenzene-d5, S
Isophorone
2-Nitrotoluene
Benzotrifluoride
4-Chlorophenol
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
Hexachlorocyclopentadiene, C
2-Methylphthalene
Hexachlorobenzene
2,4,6-Trichlorophenol, C
2-Nitroaniline
2,6-Dinitrophenol
3-Nitrotoluene
Acenaphthene, C
4-Nitrotoluene
Dibenzofuran
2,3,4,6-Tetrachlorophthalate
4-Nitrophenol
4-Nitrophenylamine, C
4-Nitrophenyl ether
4-Bromophenyl ether
Atrazine
Pentachlorophenol, C
Phenanthrene-d10, L
Carbazole
Di-n-butylphthalate
Fluoranthene, C
Pyrene
Benzidine
Butylbenzylphthalate
Chrysene
2,9-Dichloroanthracene
Benzo(a)anthracene
Di-n-octyl phthalate, c
Benzo(a)fluoranthene
Benzo(a)pyrene, C
Perylene-d12, I
Indene
Benzo(g,h,i)perylene

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024540.D
 Acq On : 06 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 06 13:41:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 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	65	-0.02
2	1,4-Dioxane	0.512	0.475	7.2	60	-0.01
3	Pyridine	1.351	1.101	18.5	51	-0.01
4	n-Nitrosodimethylamine	0.448	0.484	-8.0	69	-0.01
5 S	2-Fluorophenol	1.210	1.169	3.4	60	-0.02
6	Aniline	1.480	1.208	18.4	49#	-0.02
7 S	Phenol-d6	1.656	1.490	10.0	55	-0.01
8	2-Chlorophenol	1.350	1.270	5.9	59	-0.02
9	Benzaldehyde	0.819	0.804	1.8	62	-0.02
10 C	Phenol	1.661	1.459	12.2	54	-0.02
11	bis(2-Chloroethyl)ether	1.339	1.163	13.1	54	-0.02
12	1,3-Dichlorobenzene	1.454	1.370	5.8	60	-0.02
13 C	1,4-Dichlorobenzene	1.475	1.396	5.4	61	-0.02
14	1,2-Dichlorobenzene	1.424	1.333	6.4	60	-0.02
15	Benzyl Alcohol	1.071	1.008	5.9	57	-0.02
16	2,2'-oxybis(1-Chloropropane	1.447	1.254	13.3	54	-0.02
17	2-Methylphenol	1.075	0.995	7.4	57	-0.02
18	Hexachloroethane	0.533	0.521	2.3	62	-0.02
19 P	n-Nitroso-di-n-propylamine	1.025	0.887	13.5	53	-0.02
20	3+4-Methylphenols	1.491	1.350	9.5	55	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	60	-0.02
22	Acetophenone	0.495	0.472	4.6	55	-0.02
23 S	Nitrobenzene-d5	0.351	0.343	2.3	56	-0.02
24	Nitrobenzene	0.347	0.336	3.2	56	-0.02
25	Isophorone	0.635	0.588	7.4	53	-0.01
26 C	2-Nitrophenol	0.170	0.180	-5.9	59	-0.02
27	2,4-Dimethylphenol	0.213	0.205	3.8	55	-0.02
28	bis(2-Chloroethoxy)methane	0.429	0.380	11.4	51	-0.02
29 C	2,4-Dichlorophenol	0.291	0.296	-1.7	58	-0.01
30	1,2,4-Trichlorobenzene	0.311	0.314	-1.0	59	-0.02
31	Naphthalene	1.054	1.015	3.7	57	-0.02
32	Benzoic acid	0.248	0.227	8.5	57	0.00
33	4-Chloroaniline	0.371	0.348	6.2	53	-0.02
34 C	Hexachlorobutadiene	0.183	0.197	-7.7	63	-0.02
35	Caprolactam	0.107	0.101	5.6	55	0.00
36 C	4-Chloro-3-methylphenol	0.339	0.336	0.9	57	-0.01
37	2-Methylnaphthalene	0.731	0.692	5.3	55	-0.02
38	1-Methylnaphthalene	0.715	0.674	5.7	56	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	59	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.550	0.573	-4.2	59	-0.02
41 P	Hexachlorocyclopentadiene	0.195	0.199	-2.1	54	-0.02
42 S	2,4,6-Tribromophenol	0.277	0.315	-13.7	64	0.00
43 C	2,4,6-Trichlorophenol	0.366	0.383	-4.6	58	-0.02
44	2,4,5-Trichlorophenol	0.405	0.422	-4.2	58	0.00
45 S	2-Fluorobiphenyl	1.306	1.299	0.5	56	-0.02
46	1,1'-Biphenyl	1.470	1.445	1.7	56	-0.02
47	2-Chloronaphthalene	1.099	1.091	0.7	56	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024540.D
 Acq On : 06 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 06 13:41:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 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	0.308	0.322	-4.5	57	0.00
49	Acenaphthylene	1.730	1.668	3.6	54	-0.01
50	Dimethylphthalate	1.454	1.395	4.1	55	-0.02
51	2,6-Dinitrotoluene	0.309	0.312	-1.0	56	-0.02
52 C	Acenaphthene	1.097	1.042	5.0	54	-0.02
53	3-Nitroaniline	0.325	0.310	4.6	52	-0.01
54 P	2,4-Dinitrophenol	0.182	0.178	2.2	56	0.00
55	Dibenzofuran	1.793	1.687	5.9	54	-0.01
56 P	4-Nitrophenol	0.280	0.244	12.9	47#	0.02
57	2,4-Dinitrotoluene	0.421	0.437	-3.8	57	0.00
58	Fluorene	1.388	1.348	2.9	57	0.00
59	2,3,4,6-Tetrachlorophenol	0.373	0.376	-0.8	57	0.00
60	Diethylphthalate	1.499	1.467	2.1	56	-0.01
61	4-Chlorophenyl-phenylether	0.674	0.672	0.3	58	0.00
62	4-Nitroaniline	0.344	0.336	2.3	54	0.00
63	Azobenzene	1.378	1.285	6.7	53	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	60	0.00
65	4,6-Dinitro-2-methylphenol	0.126	0.125	0.8	57	0.00
66 c	n-Nitrosodiphenylamine	0.597	0.575	3.7	55	0.00
67	4-Bromophenyl-phenylether	0.219	0.228	-4.1	59	0.00
68	Hexachlorobenzene	0.260	0.277	-6.5	61	-0.01
69	Atrazine	0.152	0.140	7.9	69	-0.01
70 C	Pentachlorophenol	0.181	0.191	-5.5	58	-0.01
71	Phenanthrene	1.091	1.036	5.0	55	0.00
72	Anthracene	1.052	1.032	1.9	55	0.00
73	Carbazole	1.027	0.997	2.9	55	0.00
74	Di-n-butylphthalate	1.280	1.303	-1.8	56	-0.01
75 C	Fluoranthene	1.298	1.282	1.2	57	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	63	-0.01
77	Benzydine	0.254	0.197	22.4	29#	0.00
78	Pyrene	1.271	1.167	8.2	56	0.00
79 S	Terphenyl-d14	0.992	0.978	1.4	60	-0.01
80	Butylbenzylphthalate	0.544	0.545	-0.2	58	-0.01
81	Benzo(a)anthracene	1.243	1.199	3.5	59	0.00
82	3,3'-Dichlorobenzidine	0.436	0.430	1.4	56	-0.01
83	Chrysene	1.191	1.148	3.6	60	-0.01
84	Bis(2-ethylhexyl)phthalate	0.798	0.796	0.3	56	-0.02
85 c	Di-n-octyl phthalate	1.297	1.373	-5.9	59	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	68	-0.04
87	Indeno(1,2,3-cd)pyrene	1.388	1.369	1.4	64	-0.05
88	Benzo(b)fluoranthene	1.199	1.159	3.3	63	-0.02
89	Benzo(k)fluoranthene	1.158	1.069	7.7	60	-0.02
90 C	Benzo(a)pyrene	1.034	1.002	3.1	62	-0.03
91	Dibenzo(a,h)anthracene	1.152	1.123	2.5	63	-0.04
92	Benzo(g,h,i)perylene	1.173	1.146	2.3	64	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024540.D
 Acq On : 06 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 06 13:41:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 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	65	-0.02
2	1,4-Dioxane	40.000	37.172	7.1	60	-0.01
3	Pyridine	40.000	32.601	18.5	51	-0.01
4	n-Nitrosodimethylamine	40.000	43.215	-8.0	69	-0.01
5 S	2-Fluorophenol	80.000	77.338	3.3	60	-0.02
6	Aniline	40.000	32.636	18.4	49	-0.02
7 S	Phenol-d6	80.000	71.968	10.0	55	-0.01
8	2-Chlorophenol	40.000	37.602	6.0	59	-0.02
9	Benzaldehyde	40.000	39.230	1.9	62	-0.02
10 C	Phenol	40.000	35.129	12.2	54	-0.02
11	bis(2-Chloroethyl)ether	40.000	34.764	13.1	54	-0.02
12	1,3-Dichlorobenzene	40.000	37.686	5.8	60	-0.02
13 C	1,4-Dichlorobenzene	40.000	37.859	5.4	61	-0.02
14	1,2-Dichlorobenzene	40.000	37.444	6.4	60	-0.02
15	Benzyl Alcohol	40.000	37.653	5.9	57	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	34.660	13.4	54	-0.02
17	2-Methylphenol	40.000	37.028	7.4	57	-0.02
18	Hexachloroethane	40.000	39.103	2.2	62	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	34.618	13.5	53	-0.02
20	3+4-Methylphenols	40.000	36.217	9.5	55	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	60	-0.02
22	Acetophenone	40.000	38.145	4.6	55	-0.02
23 S	Nitrobenzene-d5	80.000	78.239	2.2	56	-0.02
24	Nitrobenzene	40.000	38.728	3.2	56	-0.02
25	Isophorone	40.000	37.074	7.3	53	-0.01
26 C	2-Nitrophenol	40.000	42.484	-6.2	59	-0.02
27	2,4-Dimethylphenol	40.000	38.539	3.7	55	-0.02
28	bis(2-Chloroethoxy)methane	40.000	35.422	11.4	51	-0.02
29 C	2,4-Dichlorophenol	40.000	40.729	-1.8	58	-0.01
30	1,2,4-Trichlorobenzene	40.000	40.360	-0.9	59	-0.02
31	Naphthalene	40.000	38.523	3.7	57	-0.02
32	Benzoic acid	40.000	36.540	8.7	57	0.00
33	4-Chloroaniline	40.000	37.567	6.1	53	-0.02
34 C	Hexachlorobutadiene	40.000	43.020	-7.6	63	-0.02
35	Caprolactam	40.000	37.754	5.6	55	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.670	0.8	57	-0.01
37	2-Methylnaphthalene	40.000	37.908	5.2	55	-0.02
38	1-Methylnaphthalene	40.000	37.739	5.7	56	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	59	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	41.672	-4.2	59	-0.02
41 P	Hexachlorocyclopentadiene	40.000	41.024	-2.6	54	-0.02
42 S	2,4,6-Tribromophenol	80.000	90.973	-13.7	64	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.862	-4.7	58	-0.02
44	2,4,5-Trichlorophenol	40.000	41.735	-4.3	58	0.00
45 S	2-Fluorobiphenyl	80.000	79.554	0.6	56	-0.02
46	1,1'-Biphenyl	40.000	39.325	1.7	56	-0.02
47	2-Chloronaphthalene	40.000	39.714	0.7	56	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024540.D
 Acq On : 06 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 06 13:41:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 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	41.835	-4.6	57	0.00
49	Acenaphthylene	40.000	38.563	3.6	54	-0.01
50	Dimethylphthalate	40.000	38.365	4.1	55	-0.02
51	2,6-Dinitrotoluene	40.000	40.375	-0.9	56	-0.02
52 C	Acenaphthene	40.000	38.017	5.0	54	-0.02
53	3-Nitroaniline	40.000	38.224	4.4	52	-0.01
54 P	2,4-Dinitrophenol	40.000	39.091	2.3	56	0.00
55	Dibenzofuran	40.000	37.642	5.9	54	-0.01
56 P	4-Nitrophenol	40.000	34.863	12.8	47	0.02
57	2,4-Dinitrotoluene	40.000	41.453	-3.6	57	0.00
58	Fluorene	40.000	38.866	2.8	57	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.253	-0.6	57	0.00
60	Diethylphthalate	40.000	39.149	2.1	56	-0.01
61	4-Chlorophenyl-phenylether	40.000	39.894	0.3	58	0.00
62	4-Nitroaniline	40.000	39.125	2.2	54	0.00
63	Azobenzene	40.000	37.300	6.8	53	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	60	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.598	1.0	57	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.554	3.6	55	0.00
67	4-Bromophenyl-phenylether	40.000	41.659	-4.1	59	0.00
68	Hexachlorobenzene	40.000	42.643	-6.6	61	-0.01
69	Atrazine	40.000	36.800	8.0	69	-0.01
70 C	Pentachlorophenol	40.000	42.038	-5.1	58	-0.01
71	Phenanthrene	40.000	37.968	5.1	55	0.00
72	Anthracene	40.000	39.248	1.9	55	0.00
73	Carbazole	40.000	38.820	2.9	55	0.00
74	Di-n-butylphthalate	40.000	40.715	-1.8	56	-0.01
75 C	Fluoranthene	40.000	39.506	1.2	57	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	63	-0.01
77	Benzydine	40.000	31.123	22.2	29	0.00
78	Pyrene	40.000	36.725	8.2	56	0.00
79 S	Terphenyl-d14	80.000	78.863	1.4	60	-0.01
80	Butylbenzylphthalate	40.000	40.047	-0.1	58	-0.01
81	Benzo(a)anthracene	40.000	38.589	3.5	59	0.00
82	3,3'-Dichlorobenzidine	40.000	39.464	1.3	56	-0.01
83	Chrysene	40.000	38.547	3.6	60	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	39.920	0.2	56	-0.02
85 c	Di-n-octyl phthalate	40.000	42.333	-5.8	59	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	68	-0.04
87	Indeno(1,2,3-cd)pyrene	40.000	39.427	1.4	64	-0.05
88	Benzo(b)fluoranthene	40.000	38.682	3.3	63	-0.02
89	Benzo(k)fluoranthene	40.000	36.923	7.7	60	-0.02
90 C	Benzo(a)pyrene	40.000	38.752	3.1	62	-0.03
91	Dibenzo(a,h)anthracene	40.000	38.980	2.6	63	-0.04
92	Benzo(g,h,i)perylene	40.000	39.093	2.3	64	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 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



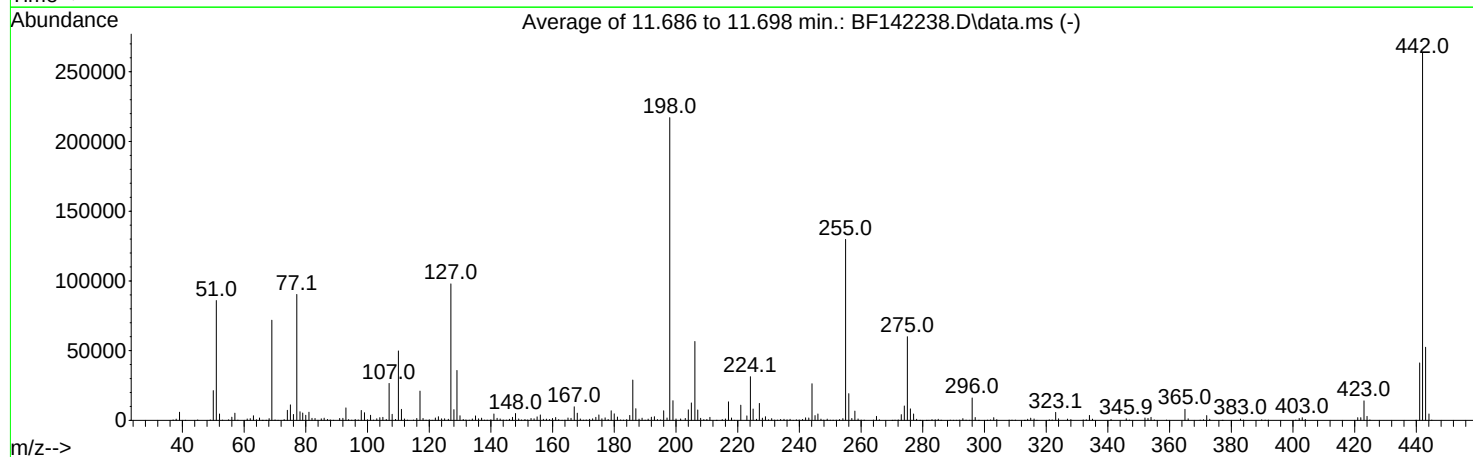
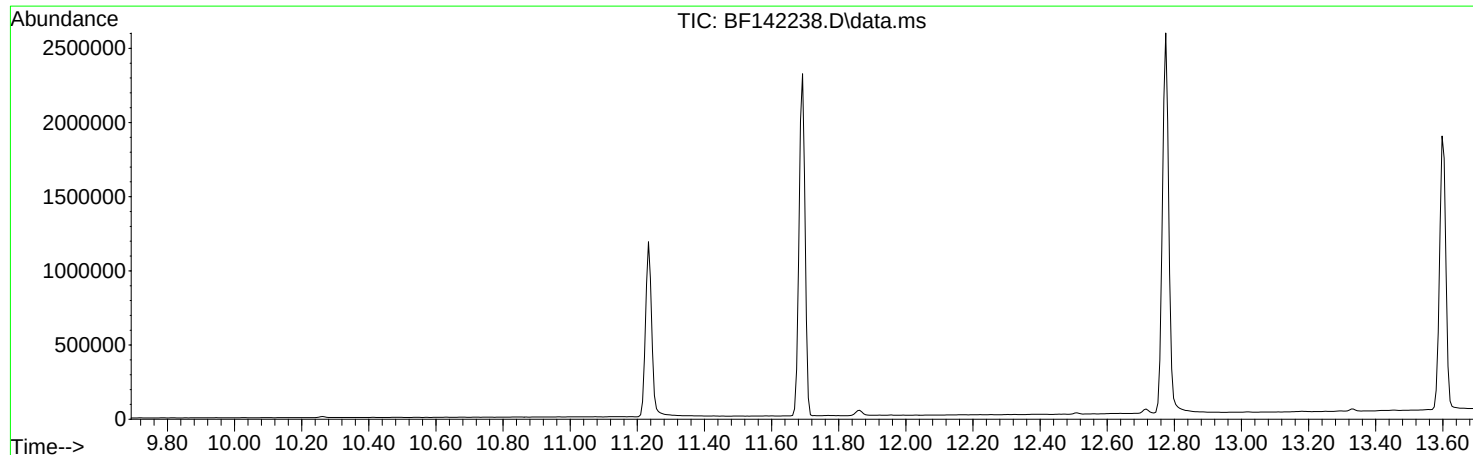
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025



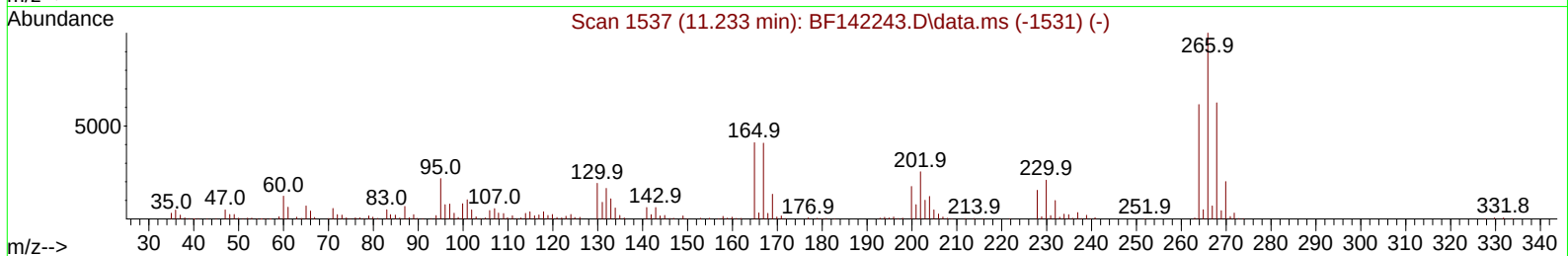
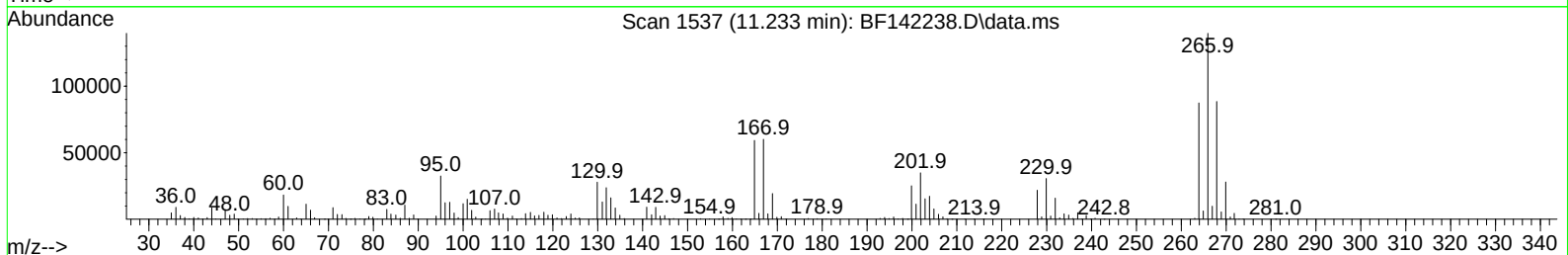
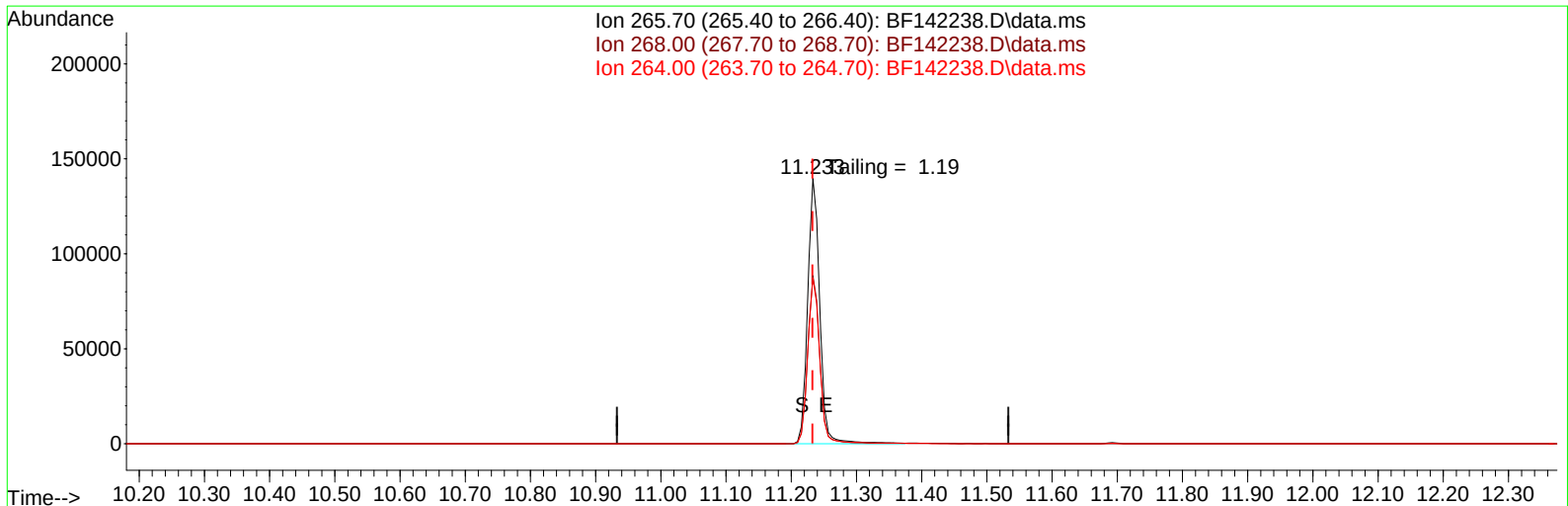
AutoFind: Scans 1614, 1615, 1616; Background Corrected with Scan 1607

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.6	86007	PASS
68	69	0.00	2	1.8	1316	PASS
69	198	0.00	100	33.1	71903	PASS
70	69	0.00	2	0.5	377	PASS
127	198	10	80	45.1	97928	PASS
197	198	0.00	2	0.8	1760	PASS
198	198	100	100	100.0	217131	PASS
199	198	5	9	6.5	14095	PASS
275	198	10	60	27.6	60019	PASS
365	198	1	100	3.7	7976	PASS
441	198	0.01	100	19.0	41171	PASS
442	442	50	100	100.0	263808	PASS
443	442	15	24	19.9	52467	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 30 16:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



TIC: BF142238.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 69575.24 ng

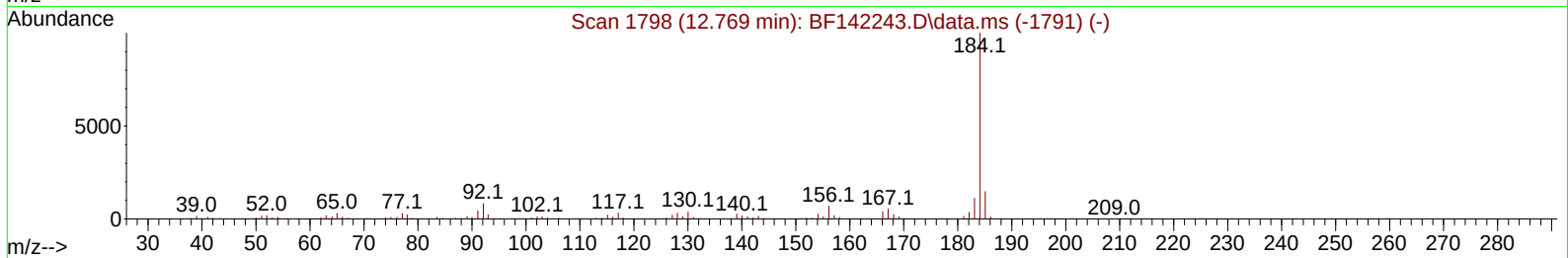
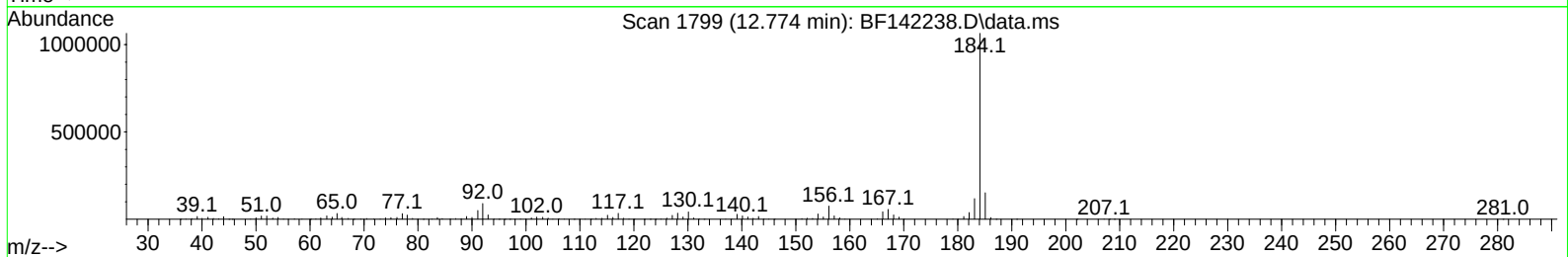
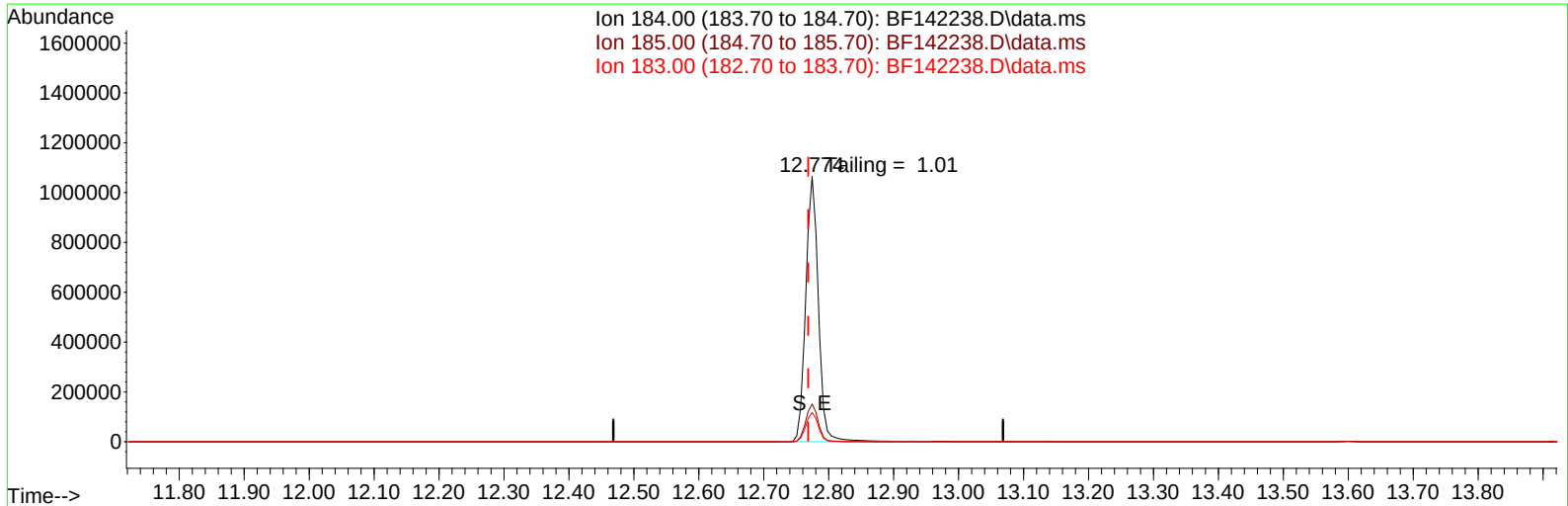
response 180630

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	63.39
264.00	61.60	62.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 30 16:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



TIC: BF142238.D\data.ms

(77) Benzidine

12.774min (+ 0.006) 97416.22 ng

response 1440496

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.25
183.00	11.10	11.10
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/30/2025	BNA_F	<u>BF142238.D</u>
Compound Name	Response	Retention Time
DDT	378546	13.598
DDD	2841	13.333
DDE	0	12.904
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
2841	381387	0.74

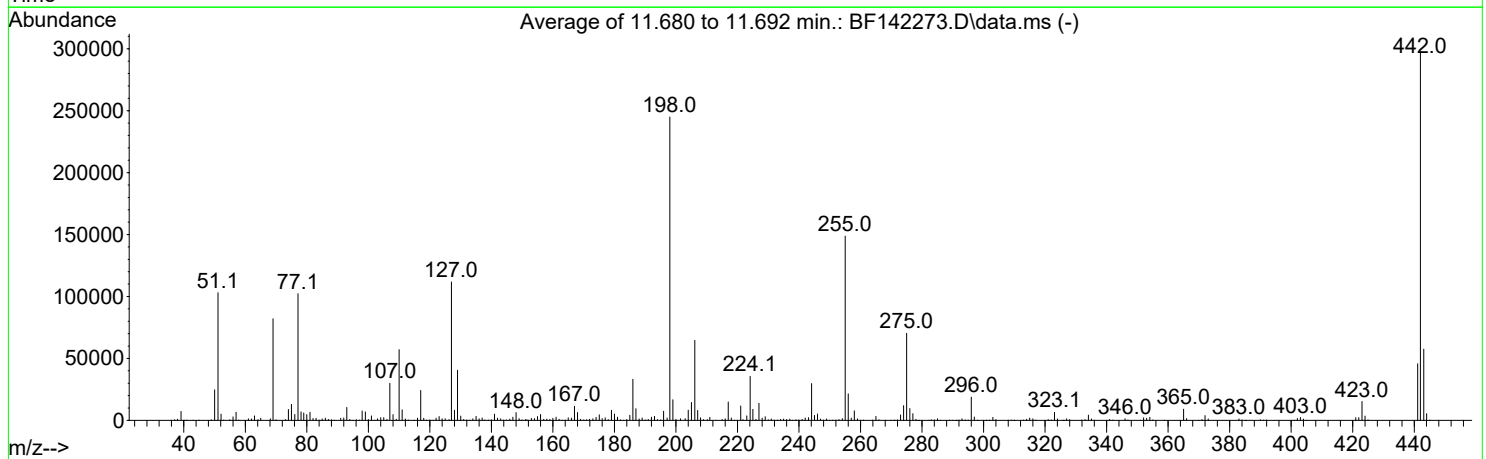
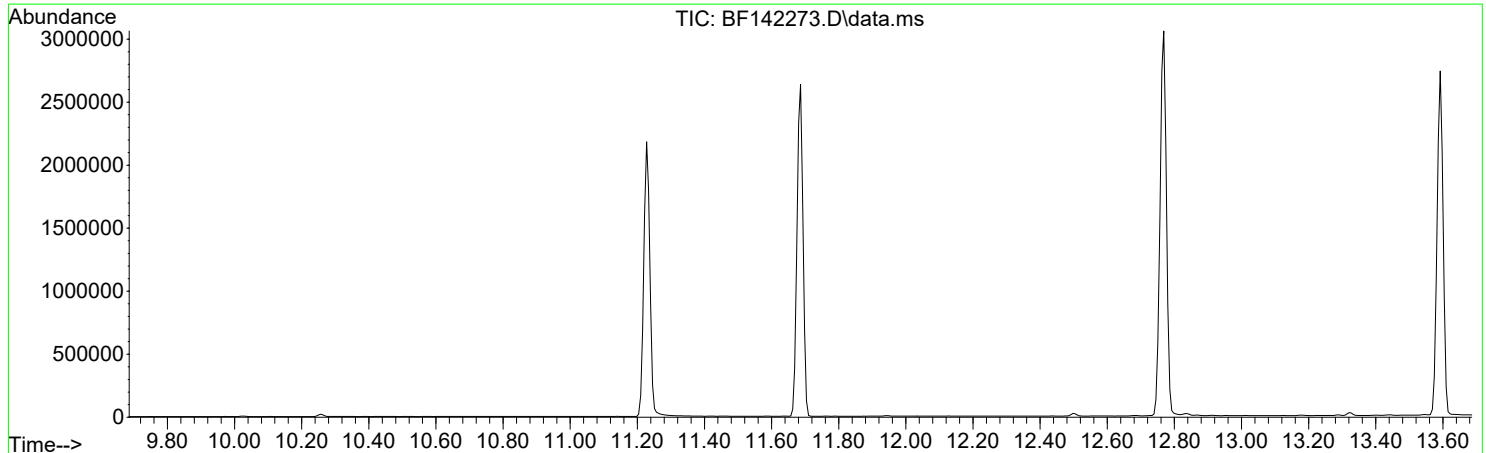
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142273.D
Acq On : 02 May 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025



AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1606

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	42.1	103072	PASS
68	69	0.00	2	1.6	1298	PASS
69	198	0.00	100	33.5	82011	PASS
70	69	0.00	2	0.6	473	PASS
127	198	10	80	45.6	111691	PASS
197	198	0.00	2	0.8	2015	PASS
198	198	100	100	100.0	244928	PASS
199	198	5	9	6.8	16632	PASS
275	198	10	60	28.7	70309	PASS
365	198	1	100	3.7	9025	PASS
441	198	0.01	100	18.7	45787	PASS
442	442	50	100	100.0	296981	PASS
443	442	15	24	19.3	57432	PASS

DDT Breakdown

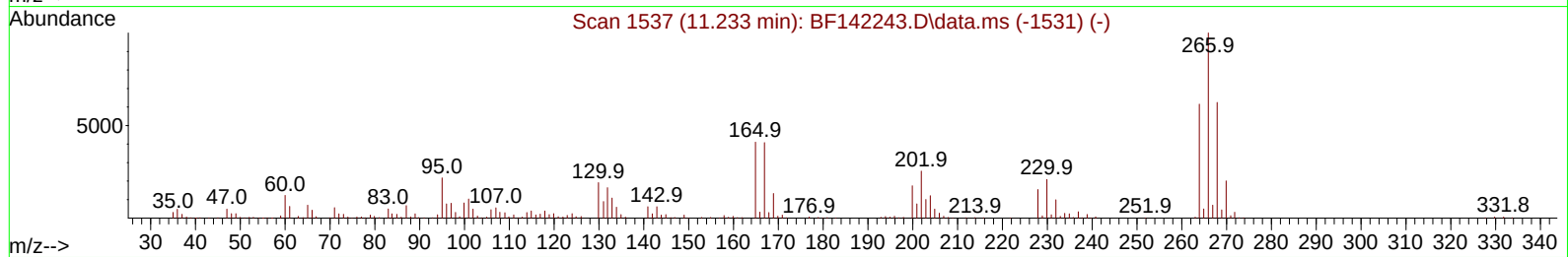
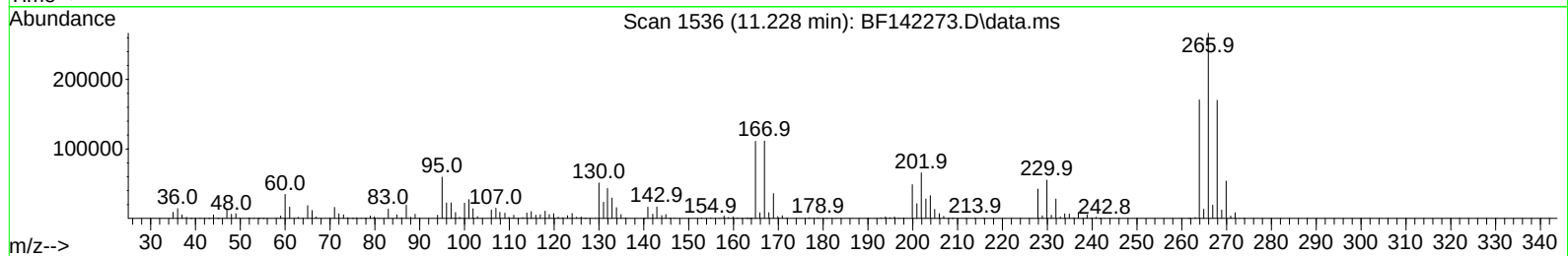
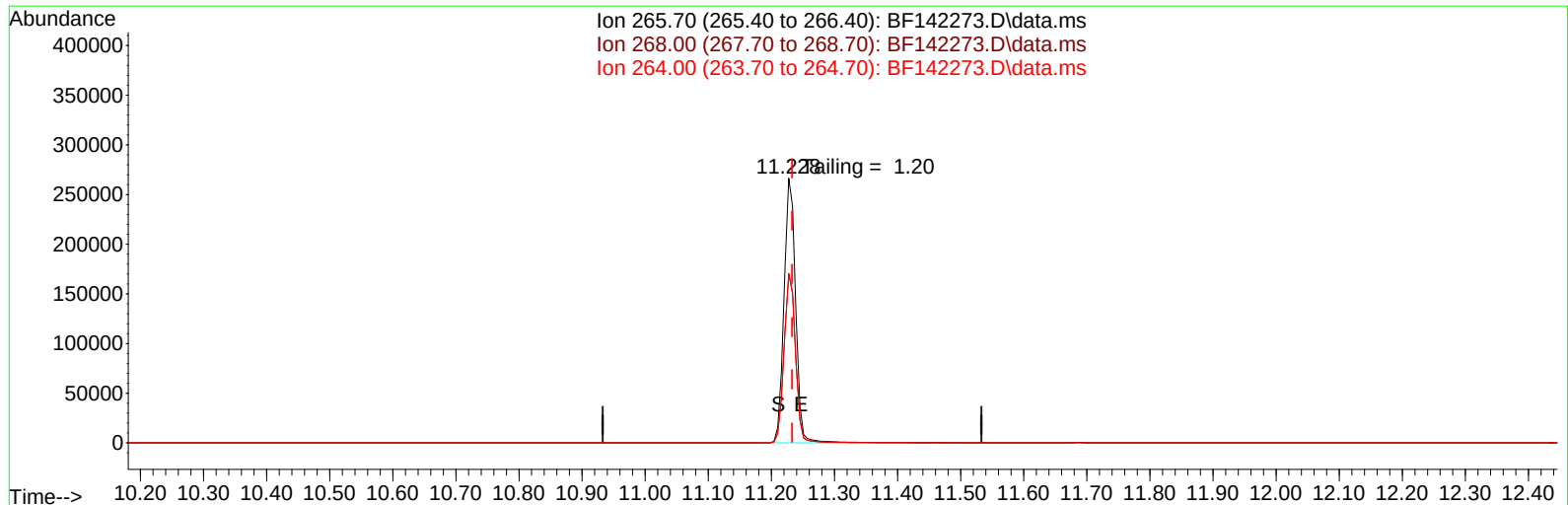
Date	Instrument Name	DFTPP Data File
5/2/2025	BNA_F	<u>BF142273.D</u>
Compound Name	Response	Retention Time
DDT	646019	13.592
DDD	7521	13.322
DDE	403	12.951
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7924	653943	1.21

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142273.D
Acq On : 02 May 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 02 11:49:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



TIC: BF142273.D\data.ms

(70) Pentachlorophenol (C)

11.228min (-0.005) 200113.05 ng

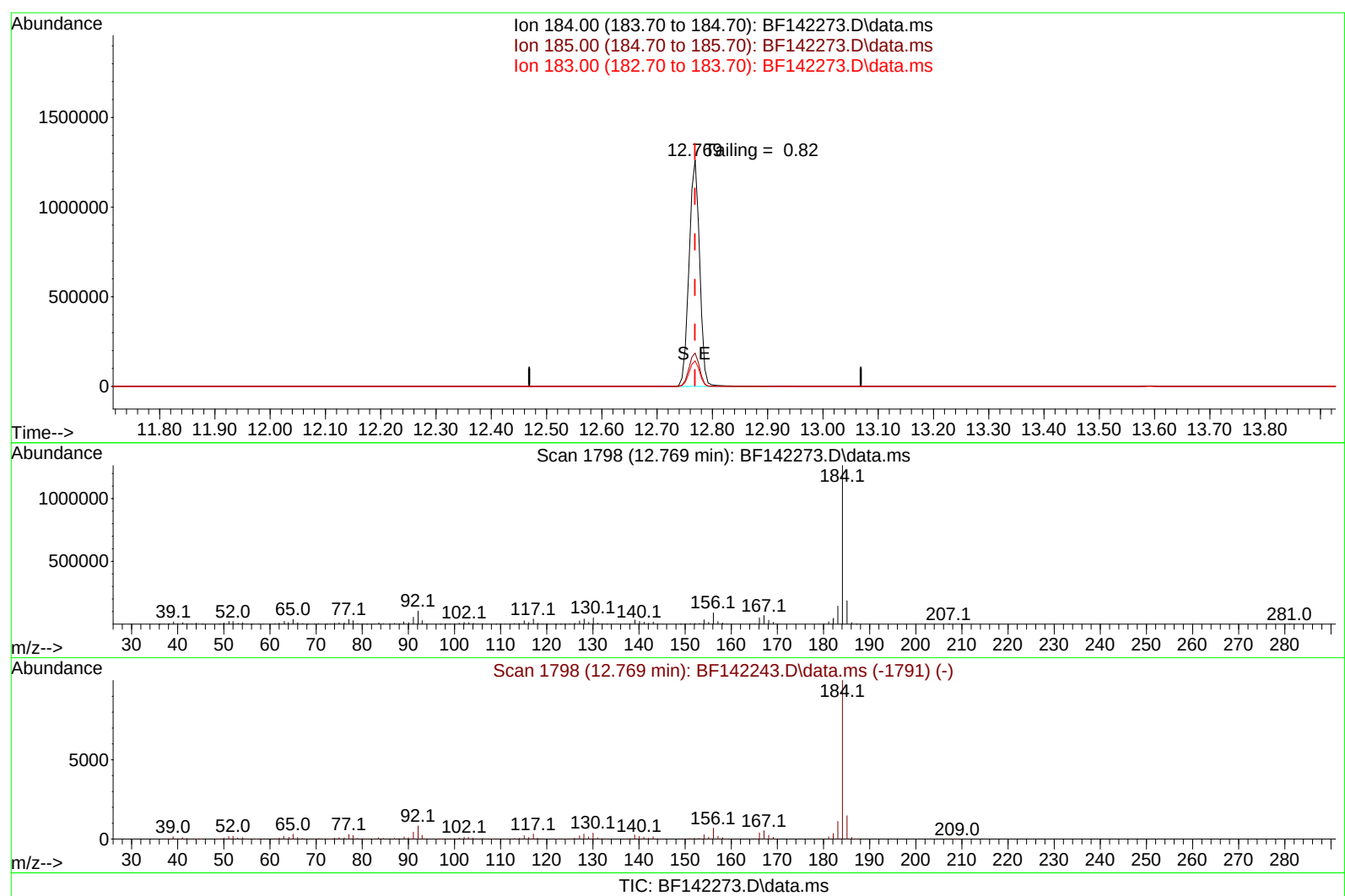
response 342837

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	63.76
264.00	61.60	64.00
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\  
Data File : BF142273.D  
Acq On    : 02 May 2025  10:11  
Operator  : RC/JU  
Sample    : DFTPP  
Misc      :  
ALS Vial  : 1    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 02 11:49:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



(77) Benzidine

12.769min (-0.000) 120826.54 ng

response **1673715**

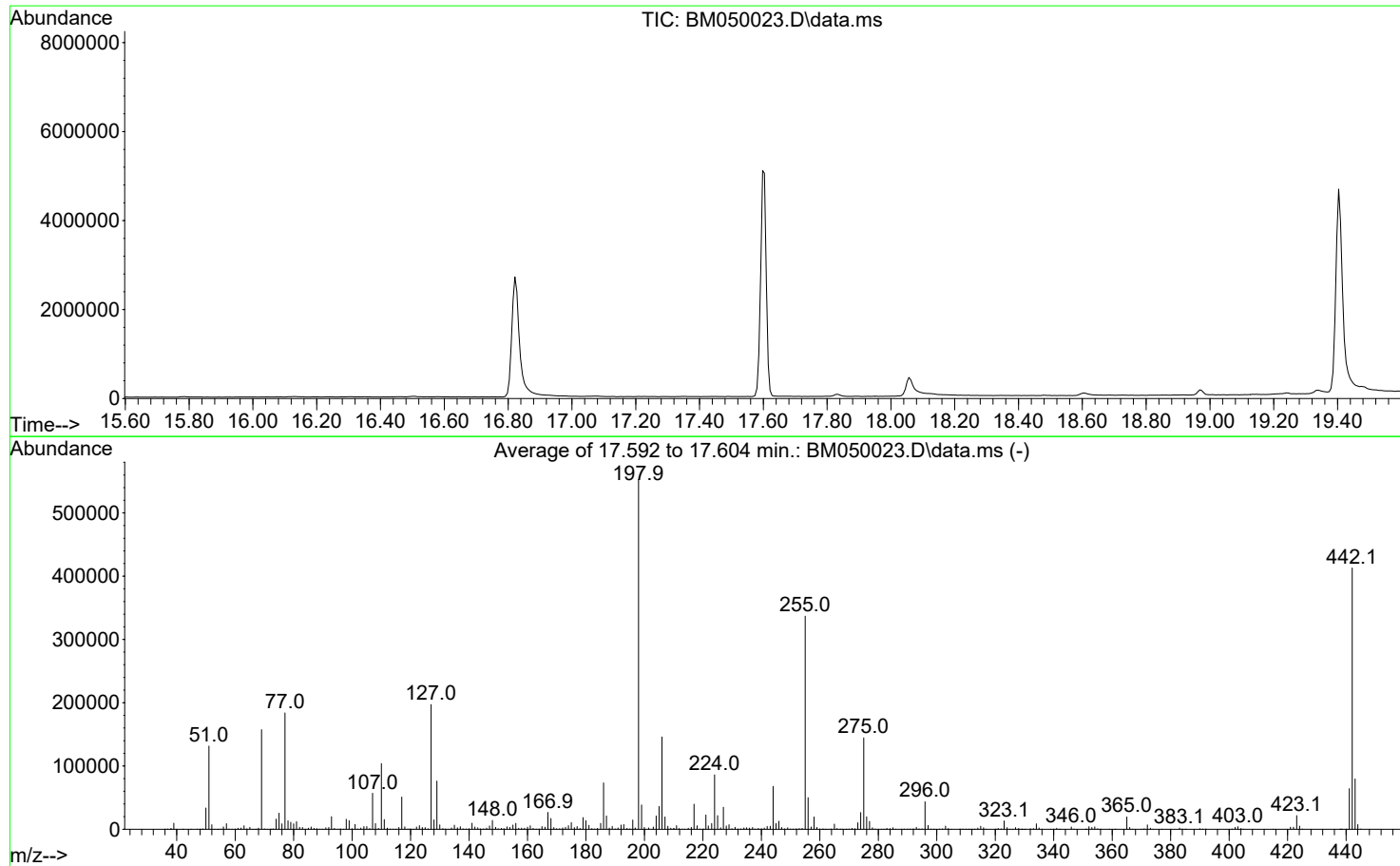
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.73
183.00	11.10	11.31
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025



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

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	23.8	131521	PASS
68	69	0.00	2	1.3	2026	PASS
69	198	0.00	100	28.5	157569	PASS
70	69	0.00	2	0.4	660	PASS
127	198	10	80	35.7	197099	PASS
197	198	0.00	2	0.4	2228	PASS
198	198	100	100	100.0	552704	PASS
199	198	5	9	7.0	38461	PASS
275	198	10	60	26.2	144571	PASS
365	198	1	100	3.5	19537	PASS
441	198	0.01	100	11.6	64259	PASS
442	442	50	100	100.0	413099	PASS
443	442	15	24	19.3	79557	PASS

DDT Breakdown

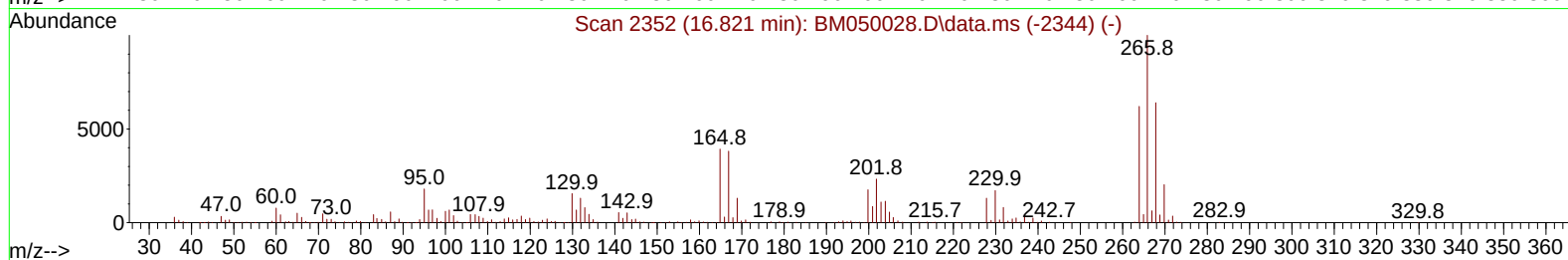
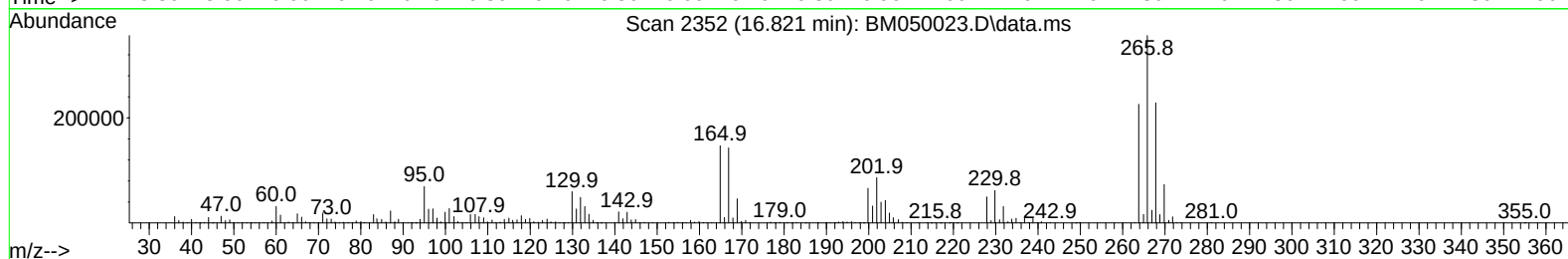
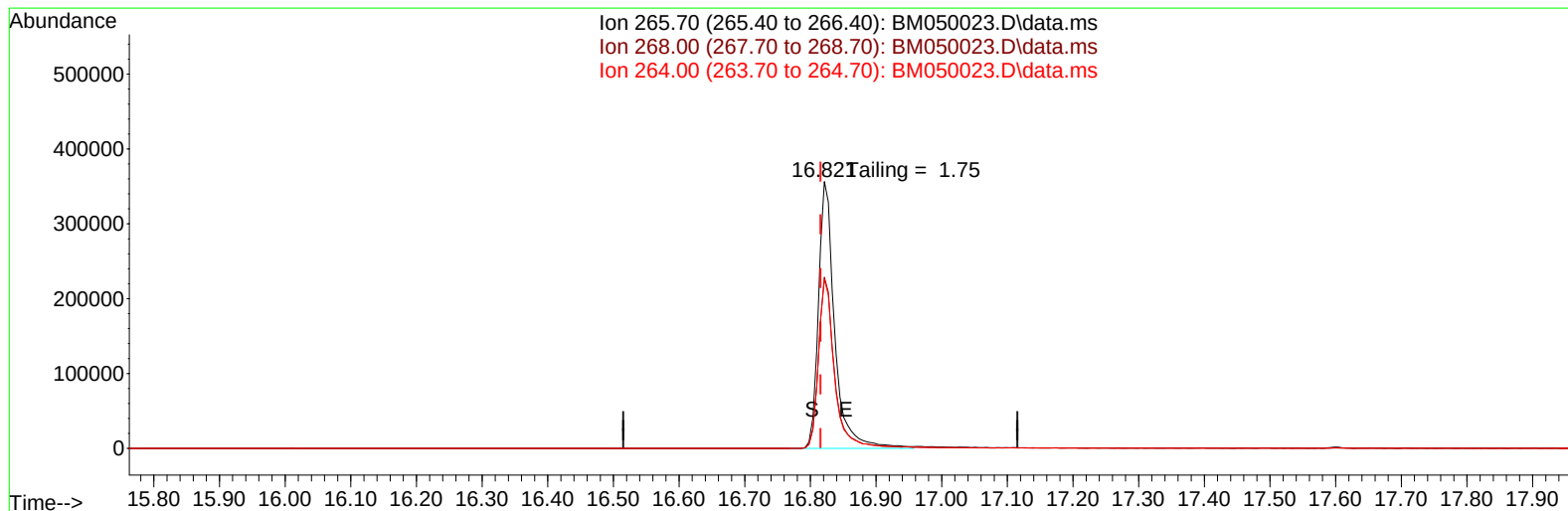
Date	Instrument Name	DFTPP Data File
4/28/2025	BNA_M	<u>BM050023.D</u>
Compound Name	Response	Retention Time
DDT	1978095	20.639
DDD	17600	20.251
DDE	1351	19.692
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
18951	1997046	0.95

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



TIC: BM050023.D\data.ms

(70) Pentachlorophenol (C)

16.821min (+ 0.006) 652247.26 ng

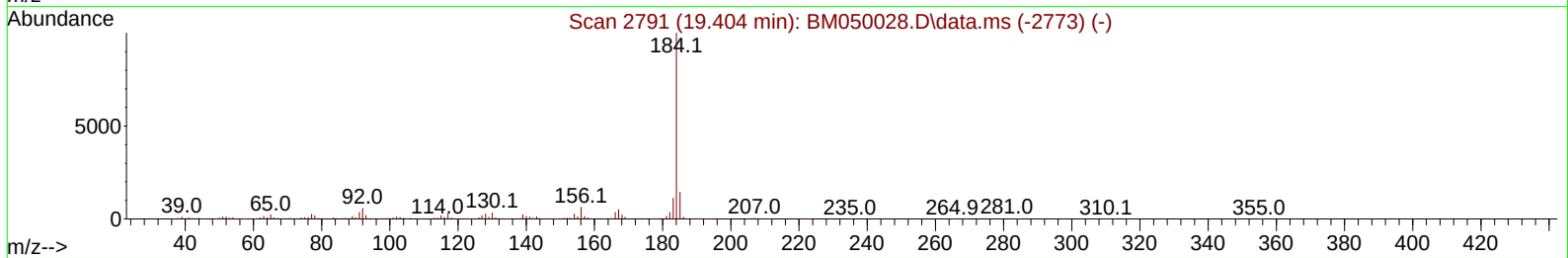
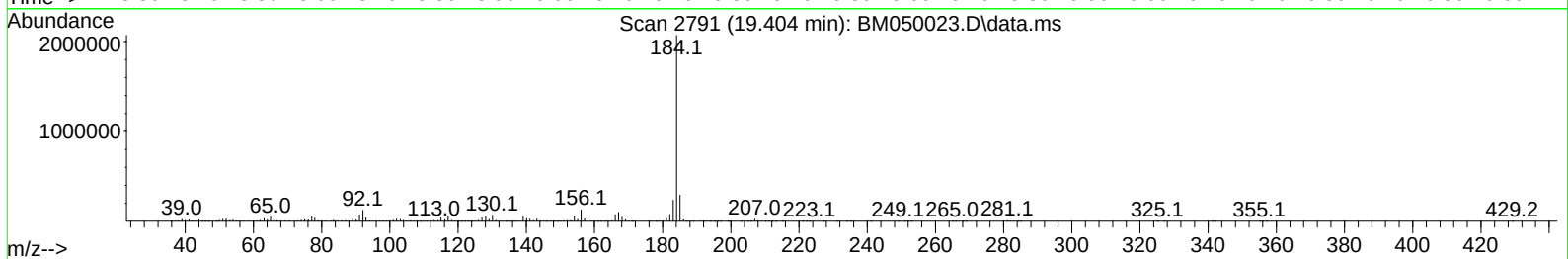
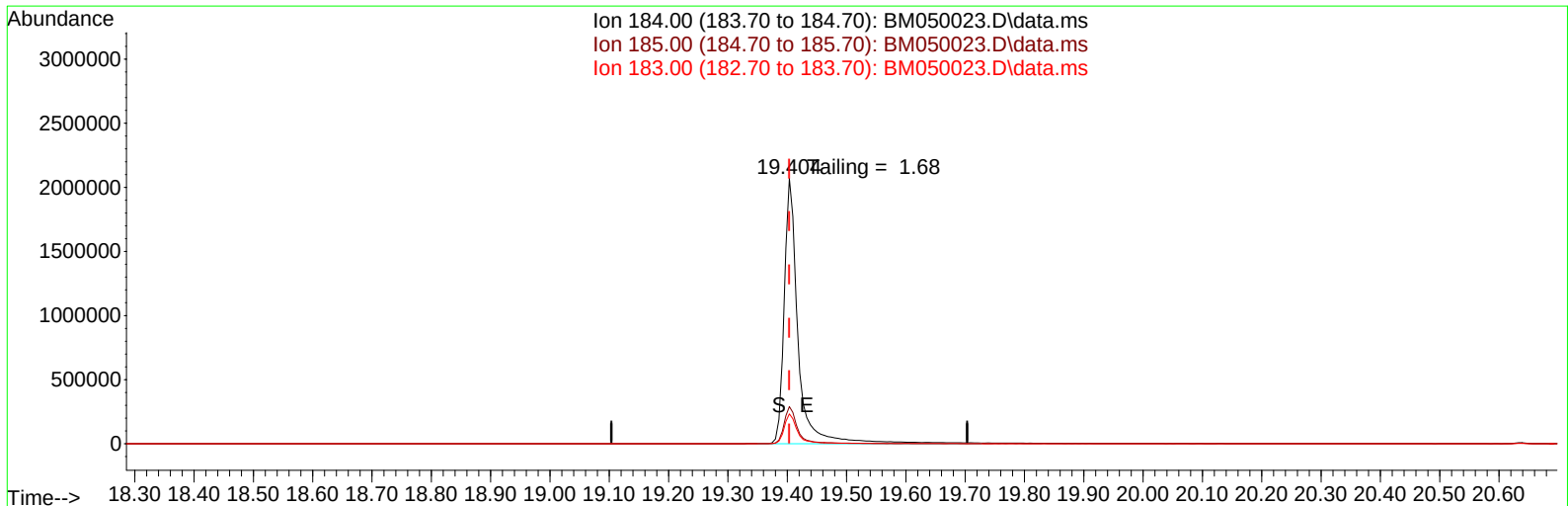
response 613835

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.30	64.13
264.00	62.30	63.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



TIC: BM050023.D\data.ms

(77) Benzidine**19.404min (+ 0.000) 1761877.84 ng****response 3412576**

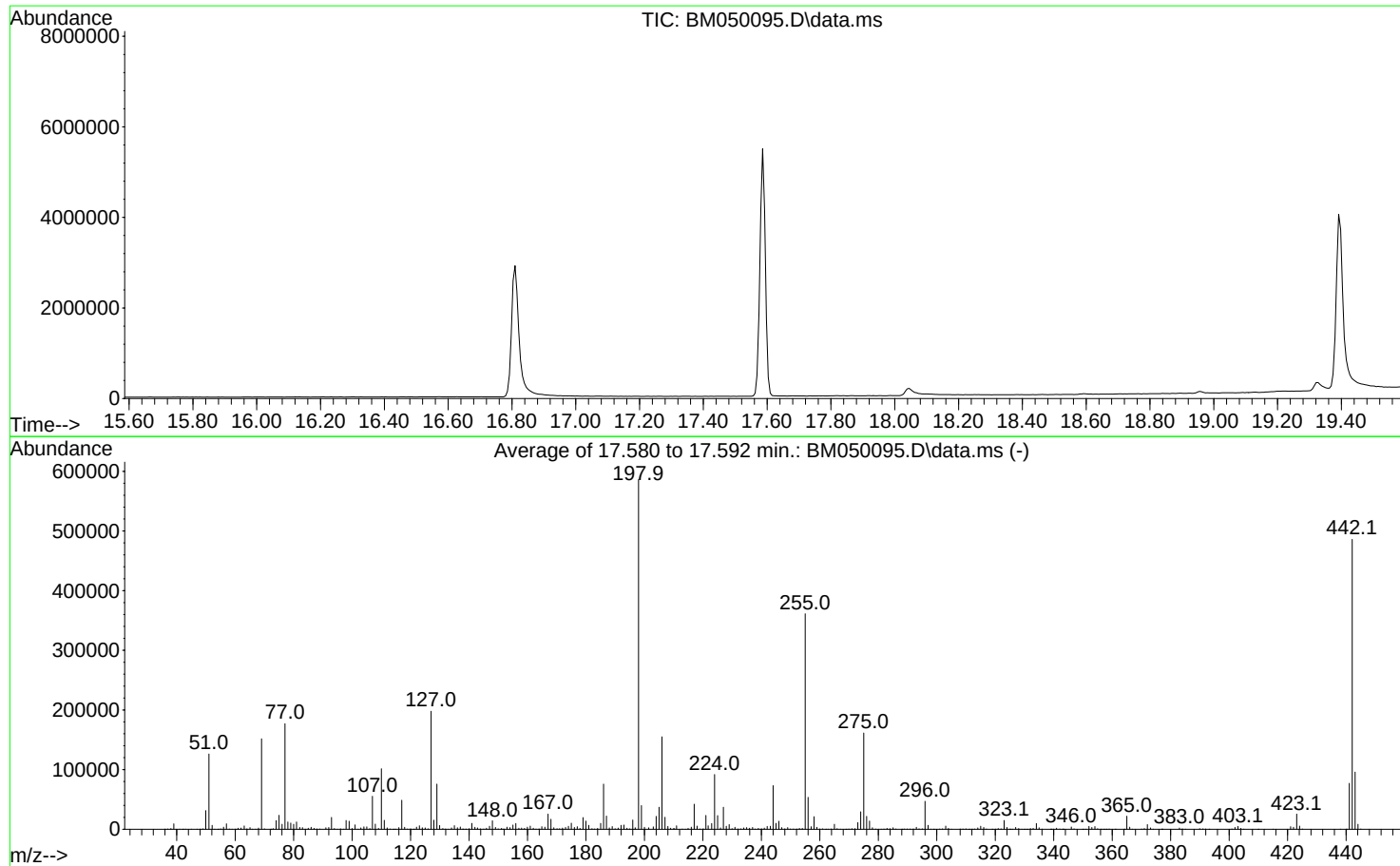
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.06
183.00	11.00	11.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050095.D
Acq On : 05 May 2025 11:39
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-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025



AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
51	198	10	80	21.5	126193	PASS
68	69	0.00	2	1.4	2128	PASS
69	198	0.00	100	25.9	151749	PASS
70	69	0.00	2	0.5	753	PASS
127	198	10	80	33.8	197867	PASS
197	198	0.00	2	0.4	2535	PASS
198	198	100	100	100.0	586155	PASS
199	198	5	9	6.8	39909	PASS
275	198	10	60	27.5	161365	PASS
365	198	1	100	3.8	21988	PASS
441	198	0.01	100	13.2	77099	PASS
442	442	50	100	100.0	485995	PASS
443	442	15	24	19.7	95787	PASS

DDT Breakdown

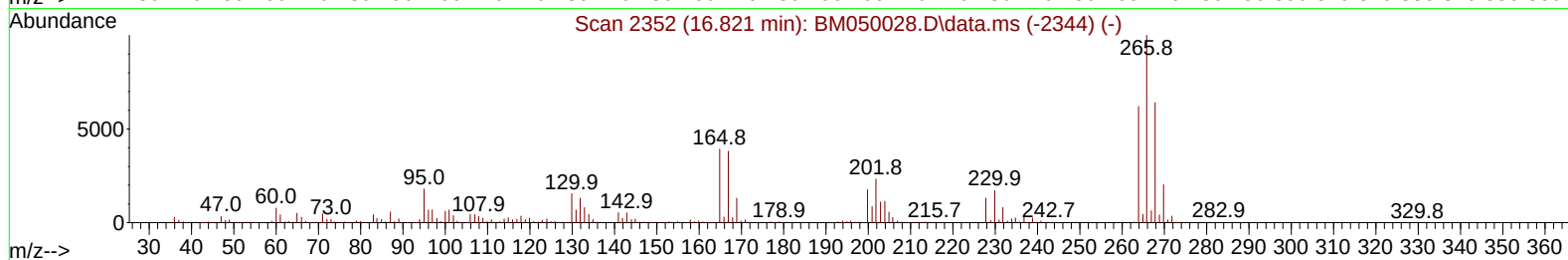
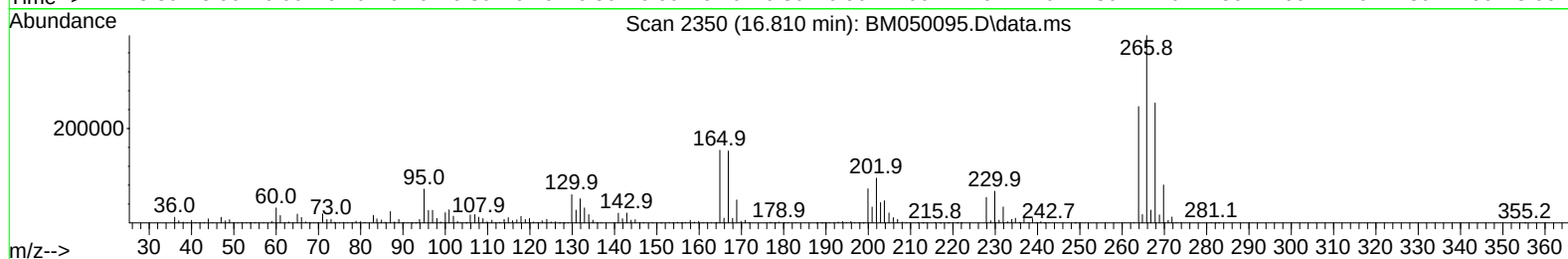
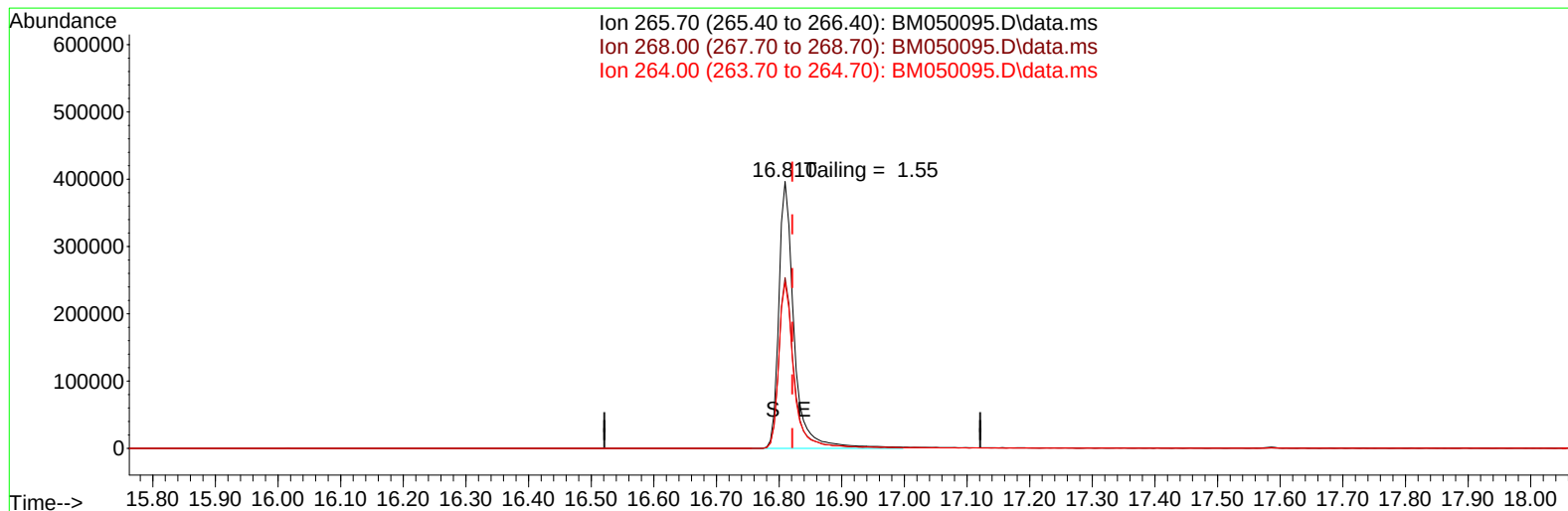
Date	Instrument Name	DFTPP Data File
5/5/2025	BNA_M	<u>BM050095.D</u>
Compound Name	Response	Retention Time
DDT	1857543	20.627
DDD	41765	20.192
DDE	2860	19.68
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
44625	1902168	2.35

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050095.D
Acq On : 05 May 2025 11:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 05 12:15:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



TIC: BM050095.D\data.ms

(70) Pentachlorophenol (C)

16.810min (-0.011) 1373115.00 ng

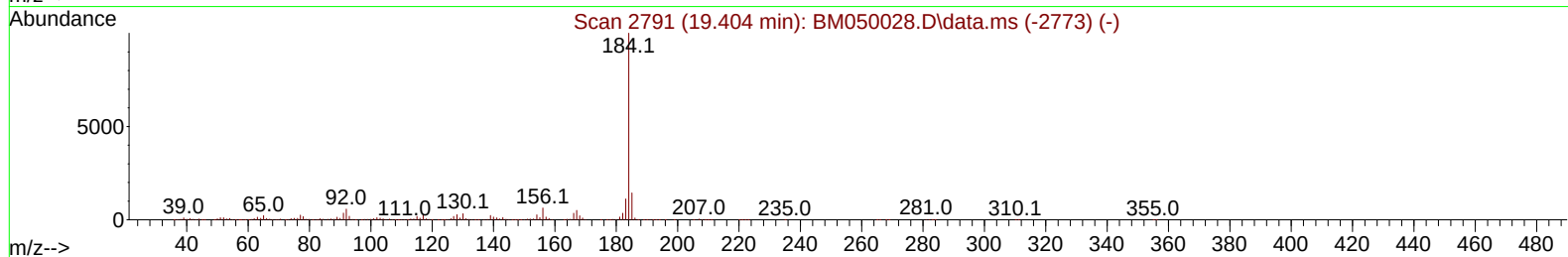
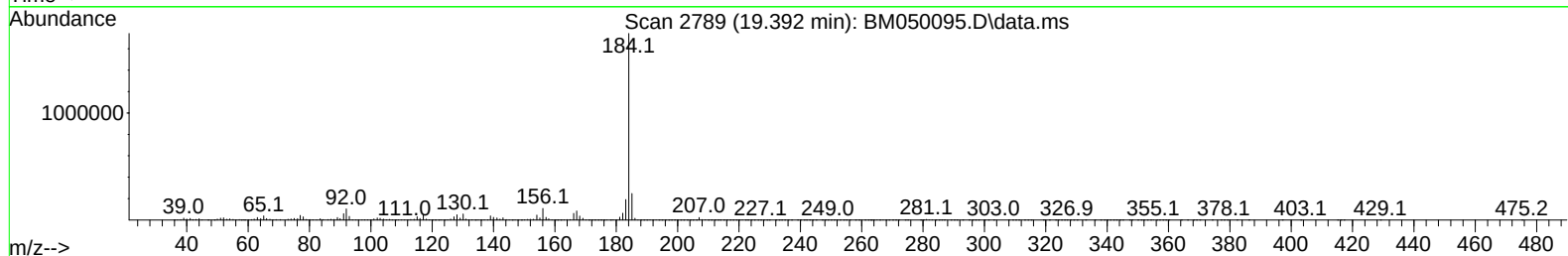
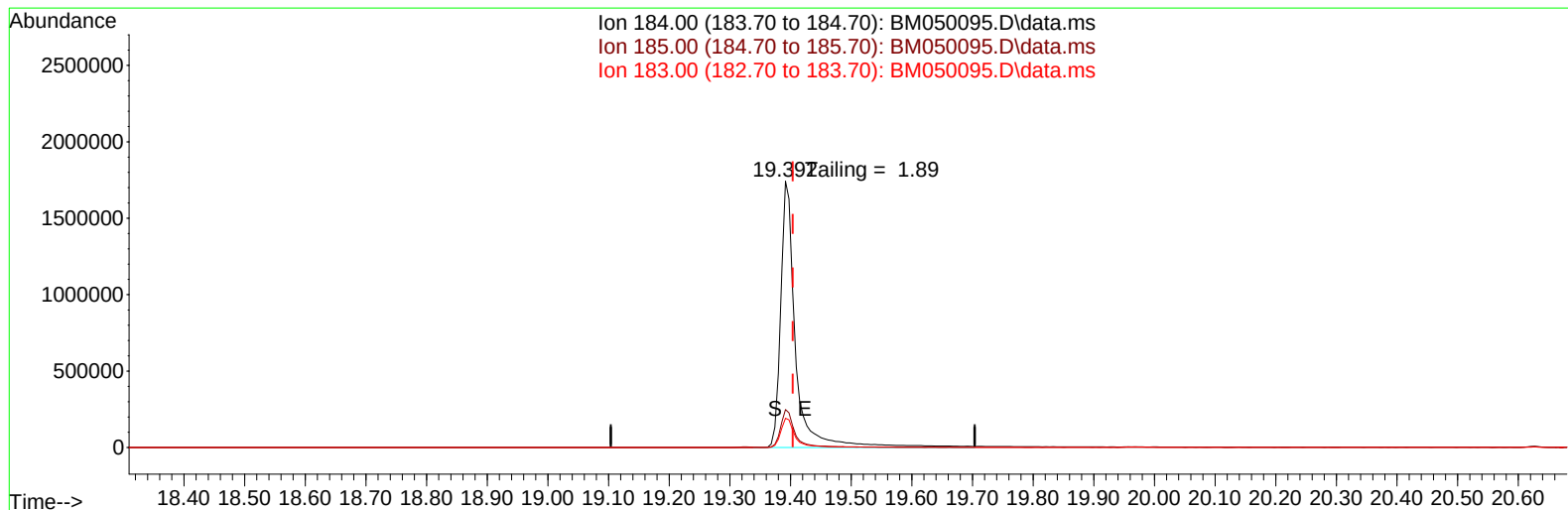
response 678757

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	64.04
264.00	62.00	62.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050095.D
Acq On : 05 May 2025 11:39
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 05 12:15:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



TIC: BM050095.D\data.ms

(77) Benzidine

19.392min (-0.012) 74251.17 ng

response 2996145

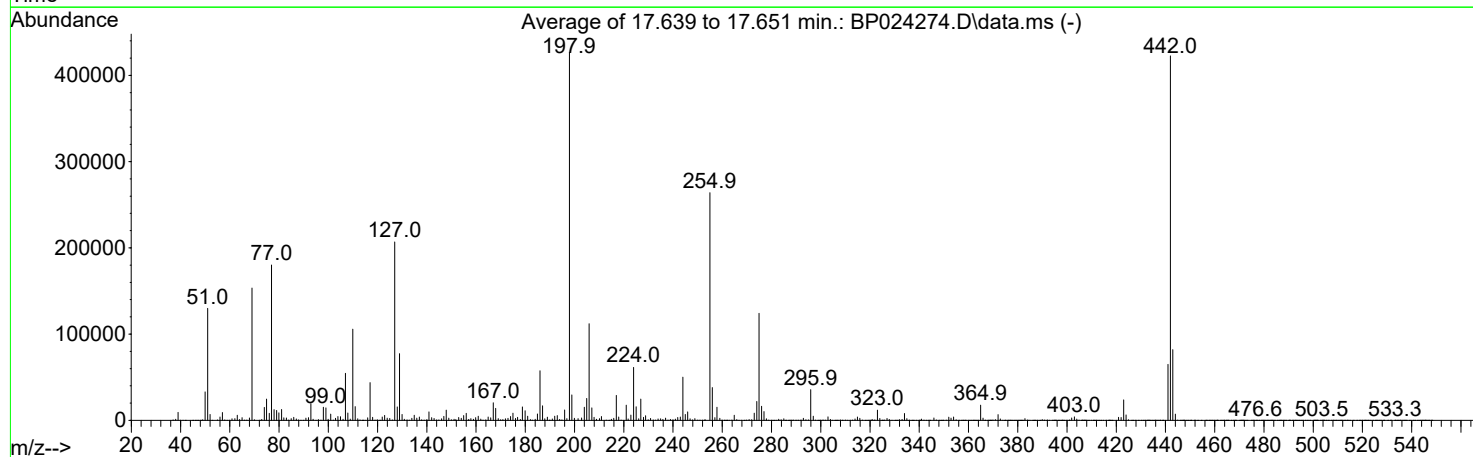
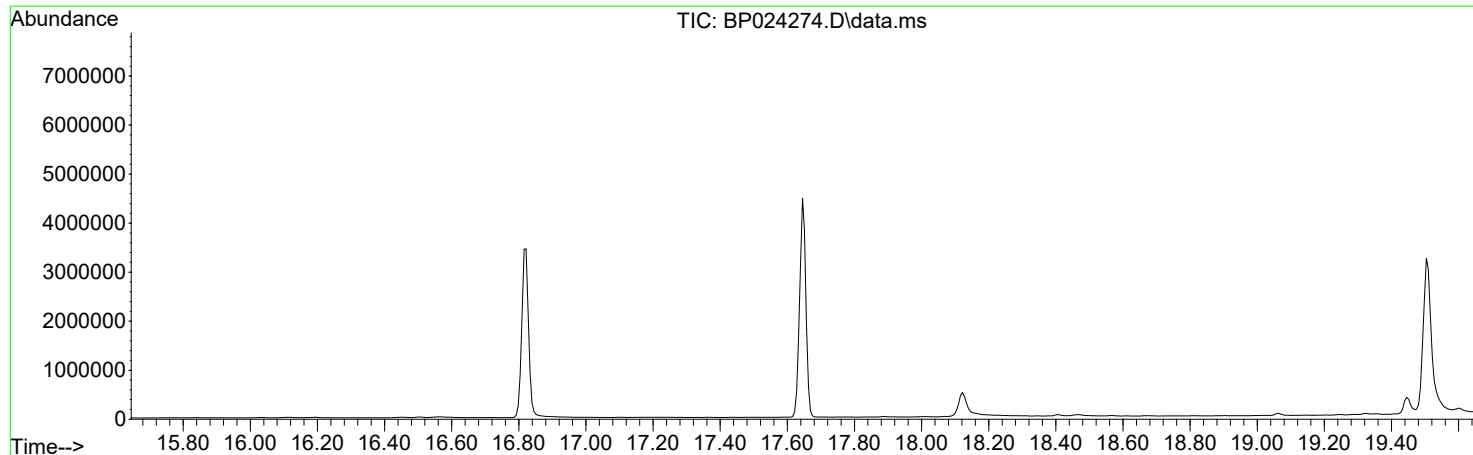
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.25
183.00	11.10	11.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 15 04:48:42 2025



AutoFind: Scans 2474, 2475, 2476; Background Corrected with Scan 2463

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.4	129796	PASS
68	69	0.00	2	1.8	2815	PASS
69	198	0.00	100	36.0	153442	PASS
70	69	0.00	2	0.5	836	PASS
127	198	10	80	48.5	206858	PASS
197	198	0.00	2	0.5	2122	PASS
198	198	100	100	100.0	426527	PASS
199	198	5	9	6.9	29549	PASS
275	198	10	60	29.1	124199	PASS
365	198	1	100	4.1	17663	PASS
441	198	0.01	100	15.2	64862	PASS
442	442	100	100	100.0	422528	PASS
443	442	15	24	19.4	82090	PASS

DDT Breakdown

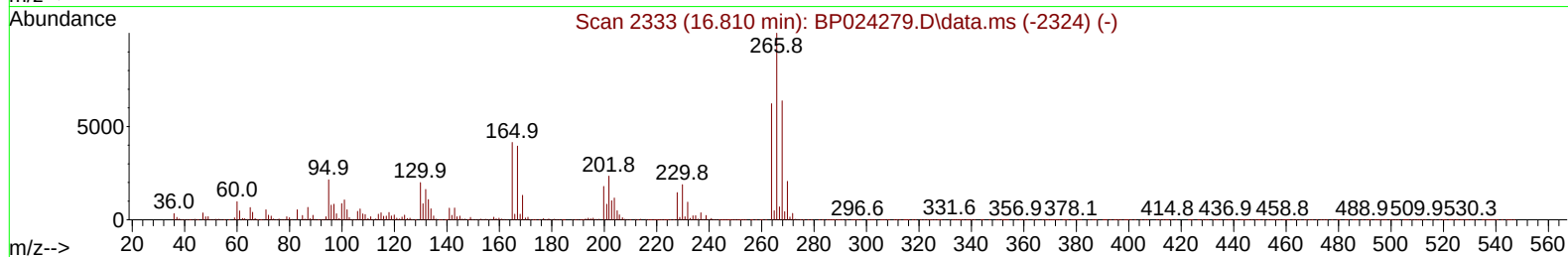
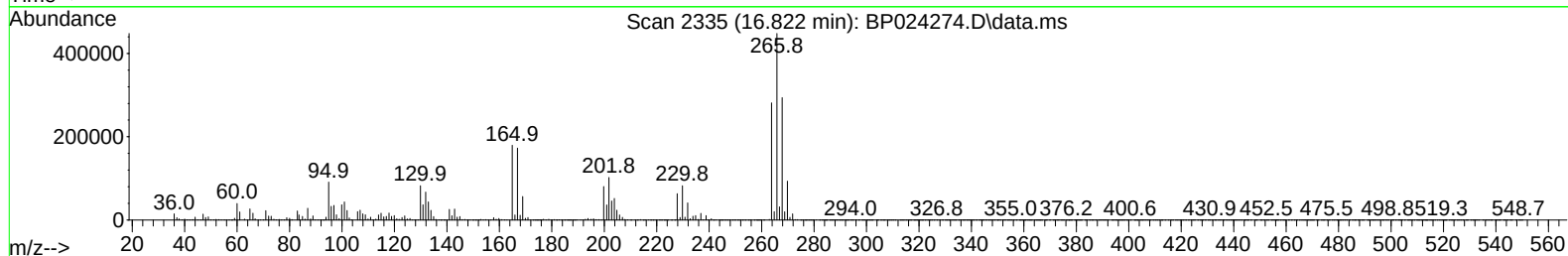
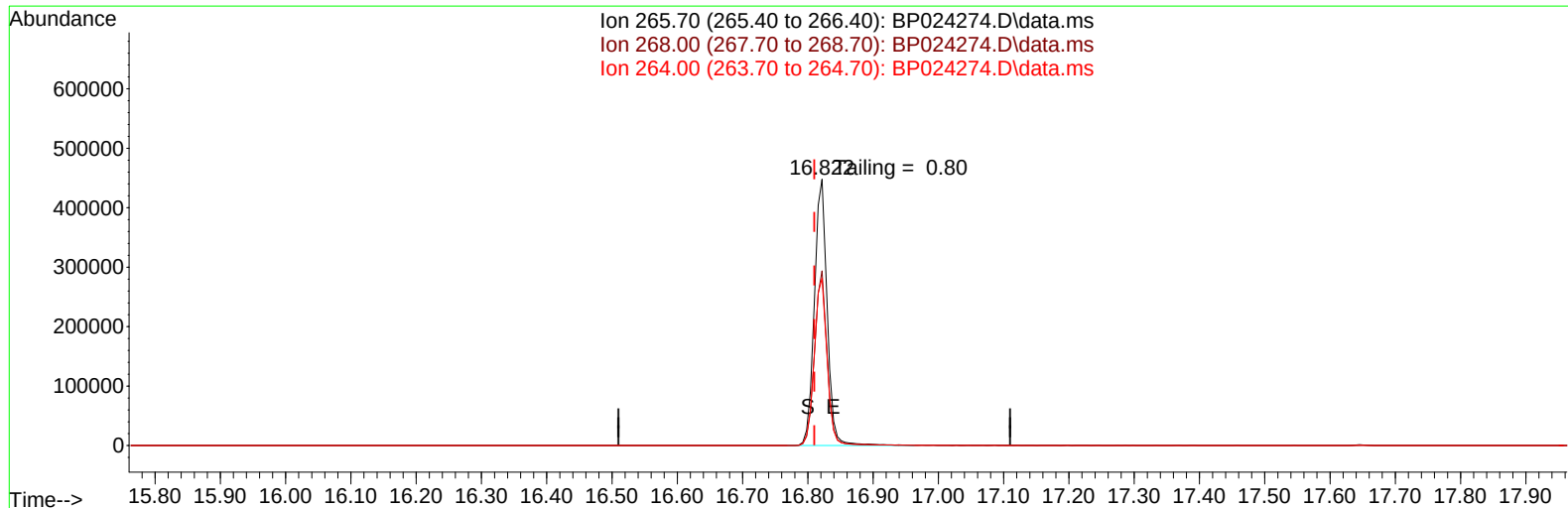
Date	Instrument Name	DFTPP Data File
4/14/2025	BNA_P	<u>BP024274.D</u>
Compound Name	Response	Retention Time
DDT	1715151	20.798
DDD	26002	20.386
DDE	1572	19.81
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
27574	1742725	1.58

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 14 15:07:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 15:04:09 2025
Response via : Initial Calibration



TIC: BP024274.D\data.ms

(70) Pentachlorophenol (C)

16.822min (+ 0.012) 3117222.42 ng

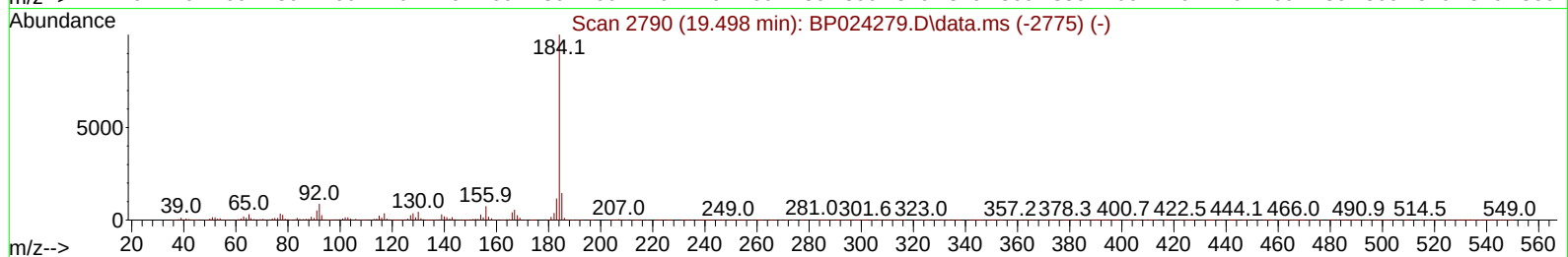
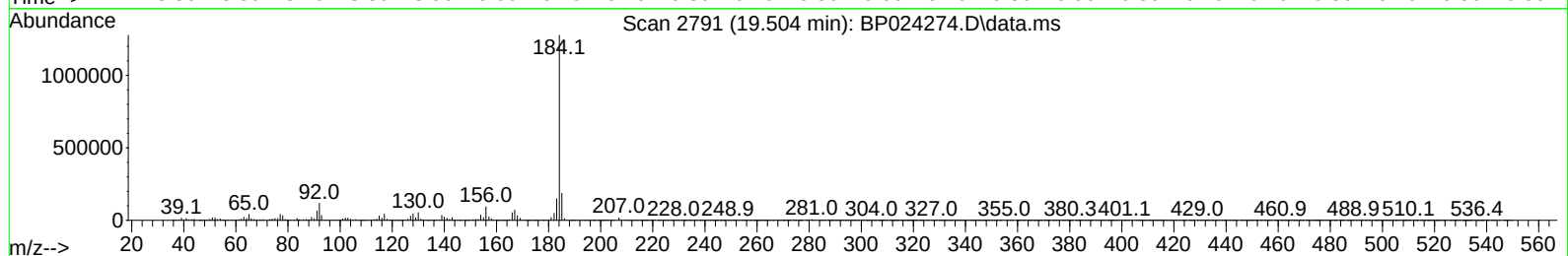
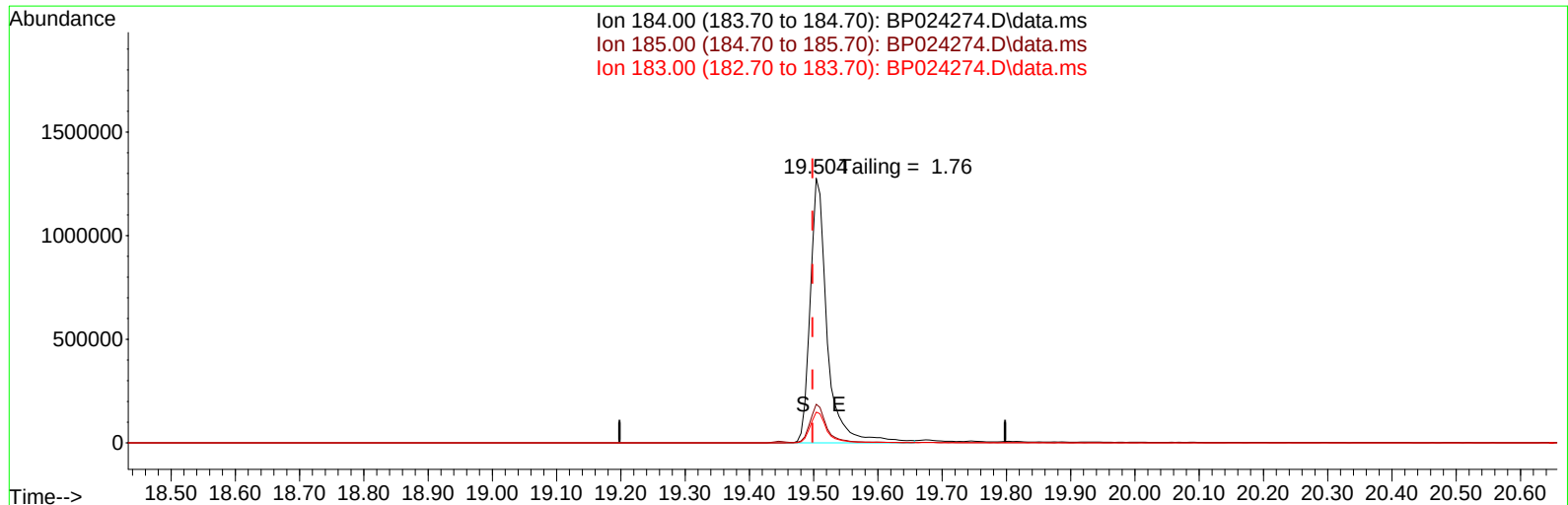
response 611847

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	65.61
264.00	62.20	62.81
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 14 15:07:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 15:04:09 2025
Response via : Initial Calibration



TIC: BP024274.D\data.ms

(77) Benzidine

19.504min (+ 0.006) 7415471.13 ng

response 2354373

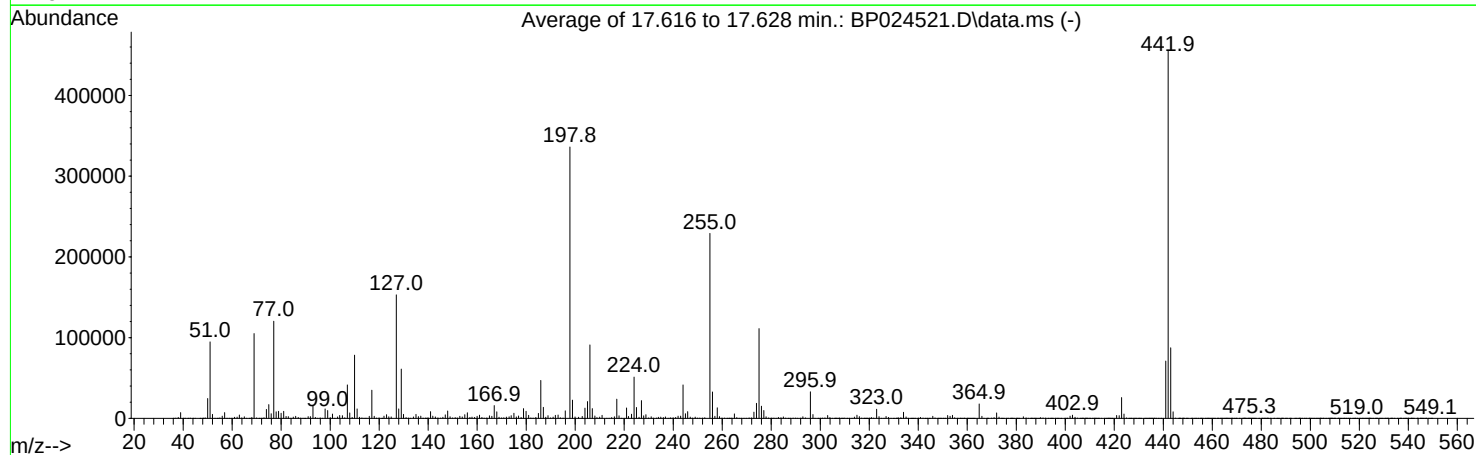
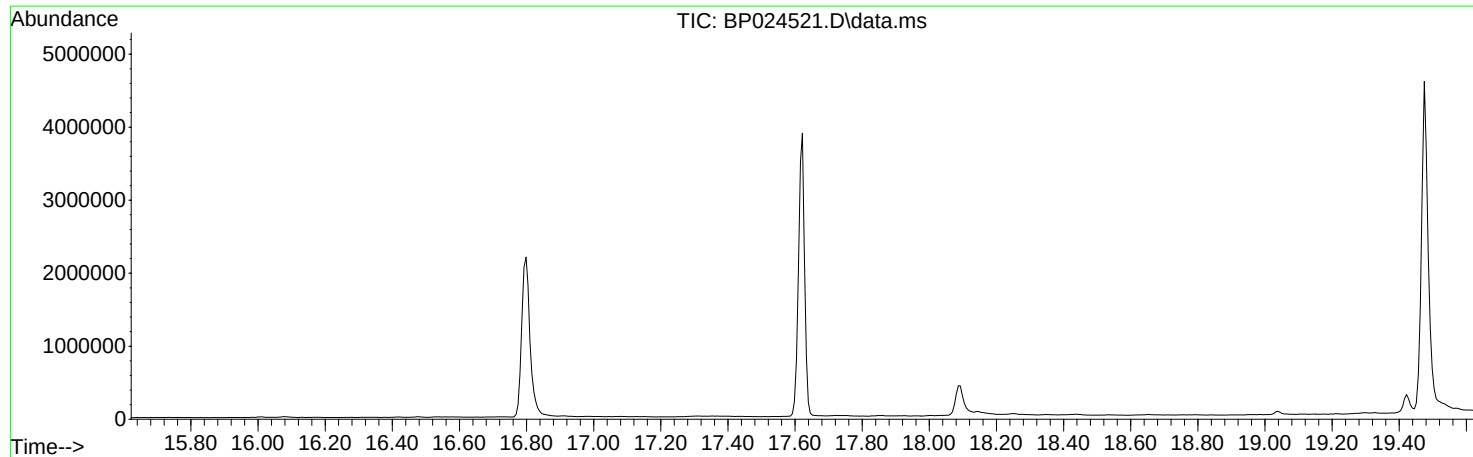
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.60
183.00	11.50	11.64
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024521.D
Acq On : 05 May 2025 11:57
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 18 12:04:48 2025



AutoFind: Scans 2470, 2471, 2472; Background Corrected with Scan 2457

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	28.2	94677	PASS
68	69	0.00	2	1.1	1105	PASS
69	198	0.00	100	31.3	105085	PASS
70	69	0.00	2	0.6	601	PASS
127	198	10	80	45.5	153112	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	336159	PASS
199	198	5	9	6.7	22574	PASS
275	198	10	60	33.1	111207	PASS
365	198	1	100	5.3	17800	PASS
441	198	0.01	100	21.1	71014	PASS
442	442	100	100	100.0	455698	PASS
443	442	15	24	19.2	87372	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/5/2025	BNA_P	<u>BP024521.D</u>
Compound Name	Response	Retention Time
DDT	1294320	20.763
DDD	38430	20.316
DDE	2470	19.775
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
40900	1335220	3.06

Instrument :
BNA_P
ClientSampleId :
DFTPP

Instrument :
BNA_P
ClientSampleId :
DFTPP

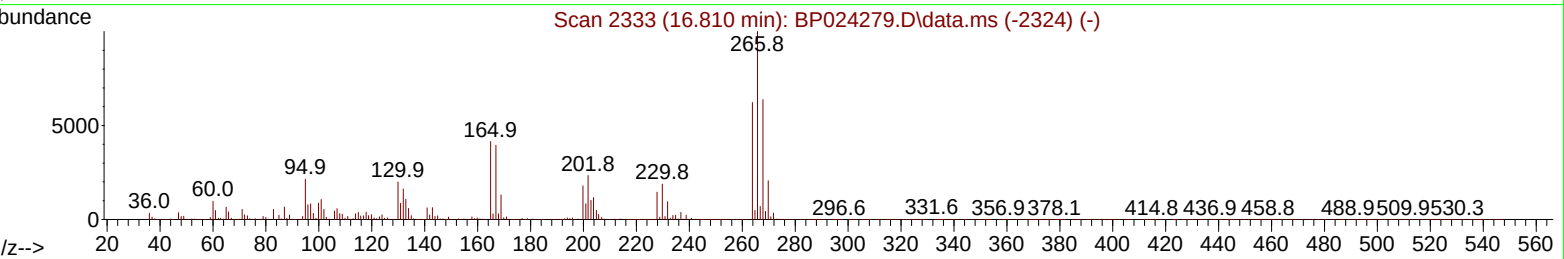
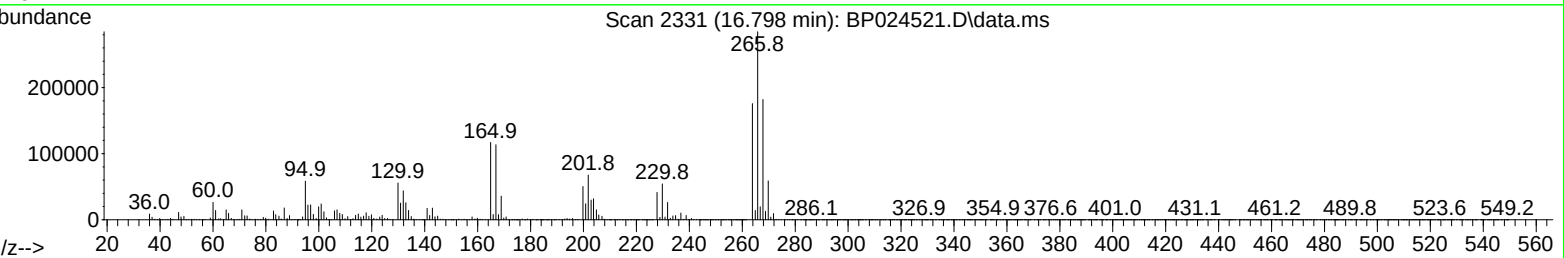
Abundance

lon 265.70 (265.40 to 266.40): BP024521.D\data.ms
lon 268.00 (267.70 to 268.70): BP024521.D\data.ms
lon 264.00 (263.70 to 264.70): BP024521.D\data.ms

16.798
%Railing = 1.33

S E

me-->

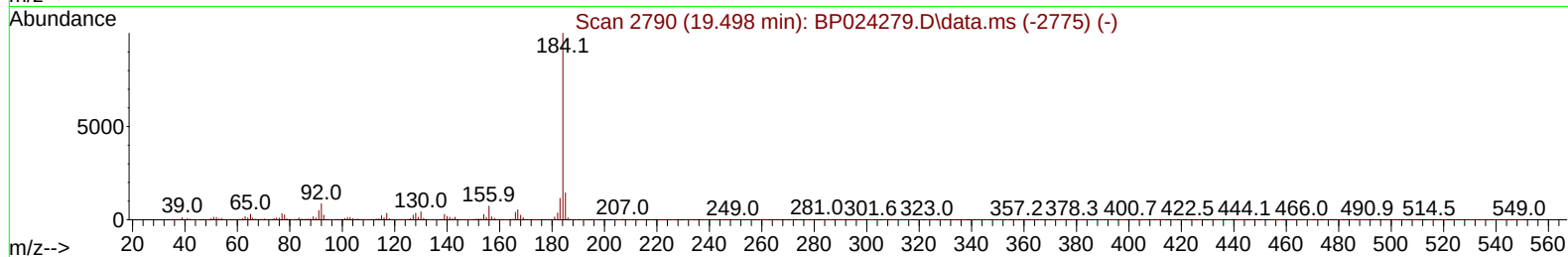
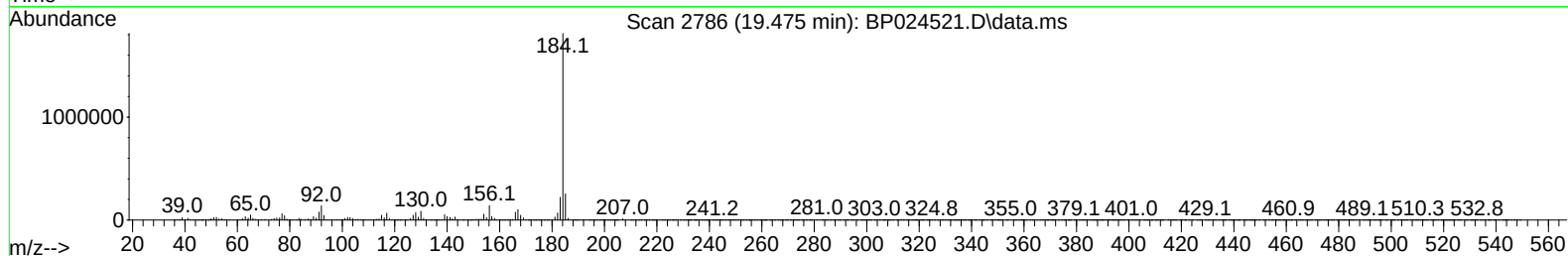
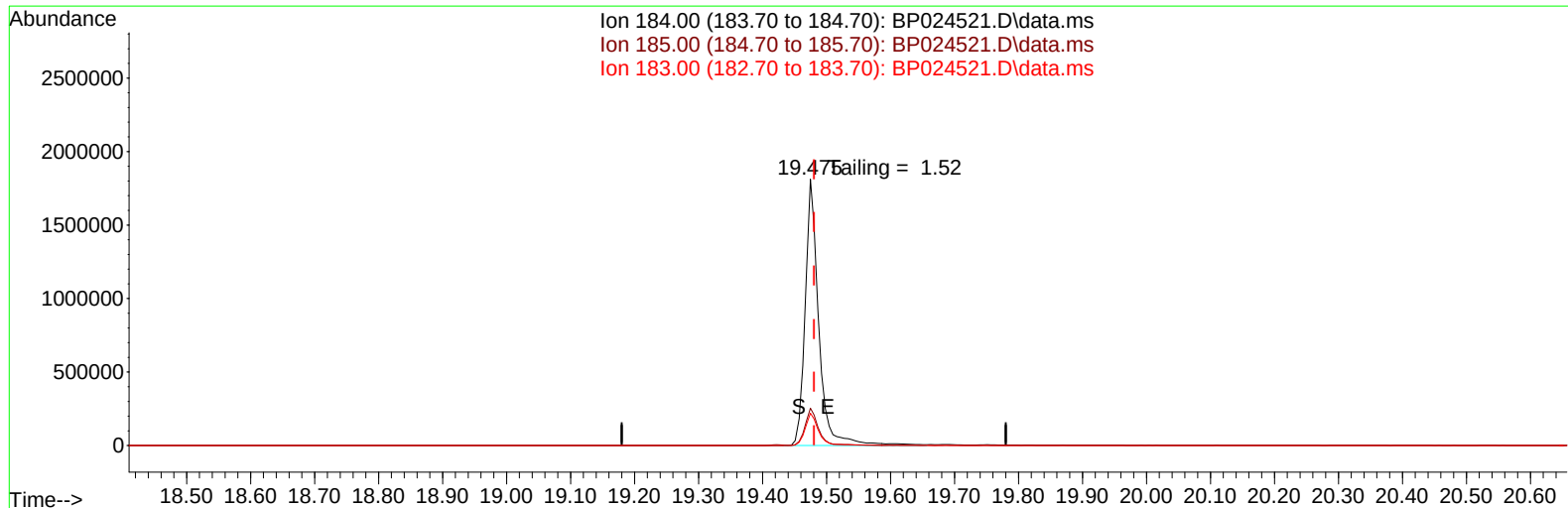


Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.03
264.00	62.20	61.82
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024521.D
Acq On : 05 May 2025 11:57
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 05 13:04:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



TIC: BP024521.D\data.ms

(77) Benzidine

19.475min (-0.006) 48141.36 ng

response 2700279

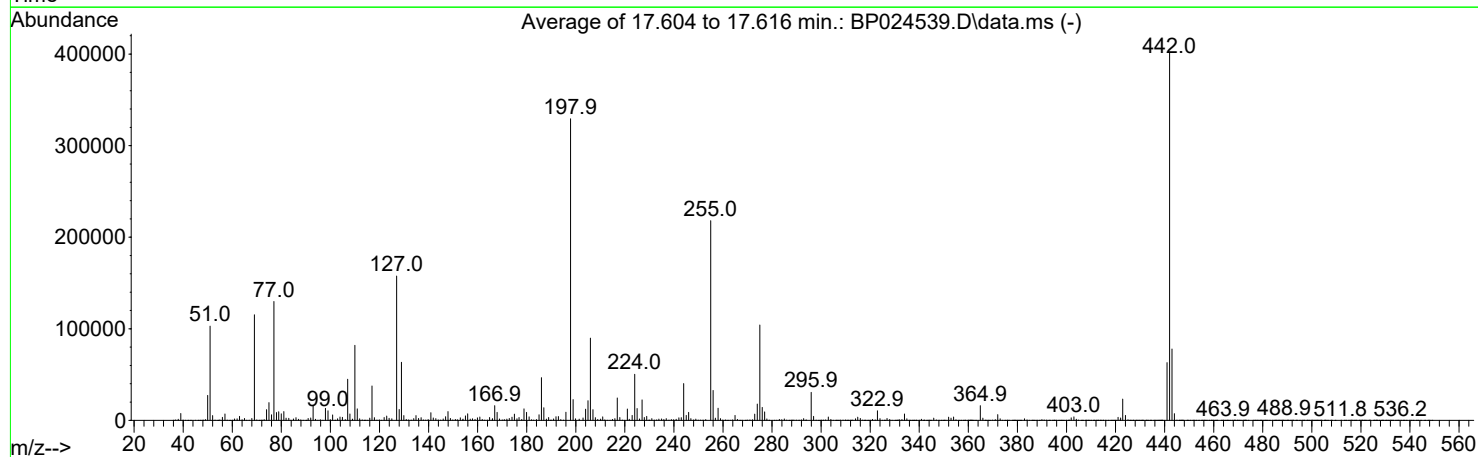
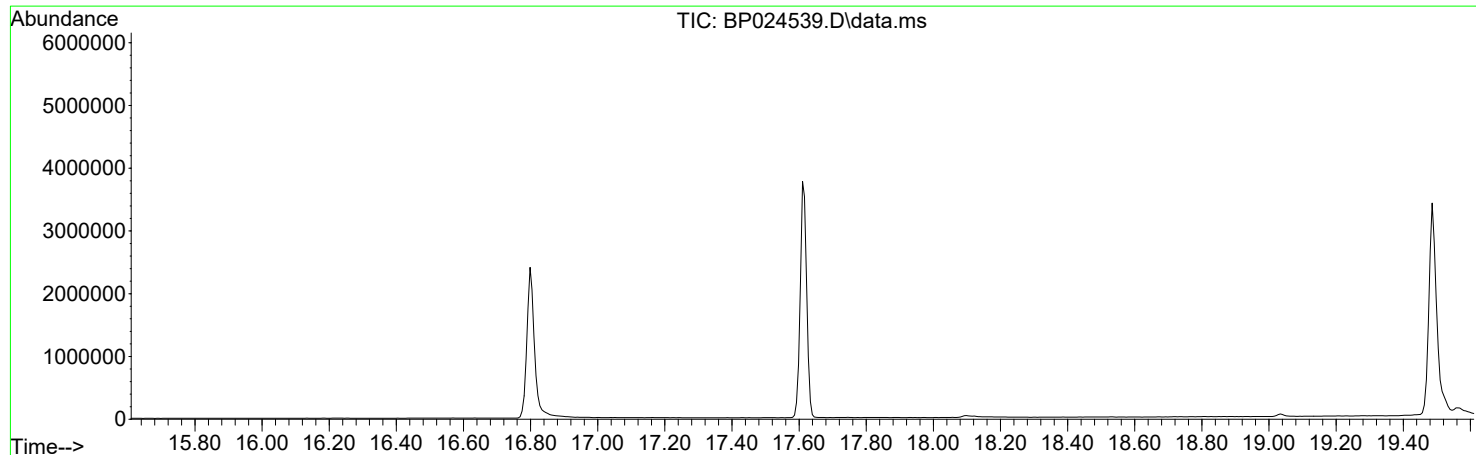
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.03
183.00	11.50	12.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024539.D
Acq On : 06 May 2025 09:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 18 12:04:48 2025



AutoFind: Scans 2468, 2469, 2470; Background Corrected with Scan 2457

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	31.3	102943	PASS
68	69	0.00	2	1.8	2073	PASS
69	198	0.00	100	35.0	115286	PASS
70	69	0.00	2	0.5	578	PASS
127	198	10	80	47.9	157656	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	329357	PASS
199	198	5	9	6.9	22794	PASS
275	198	10	60	31.6	104219	PASS
365	198	1	100	4.9	16170	PASS
441	198	0.01	100	19.1	63029	PASS
442	442	100	100	100.0	401749	PASS
443	442	15	24	19.4	77992	PASS

DDT Breakdown

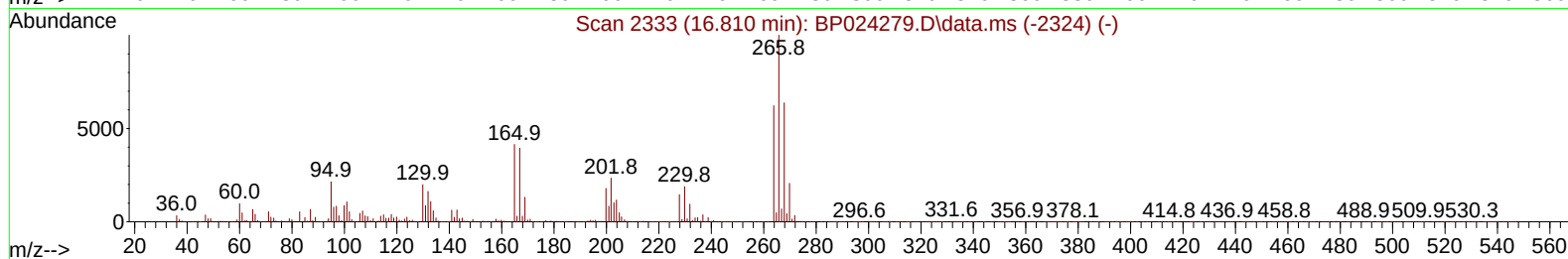
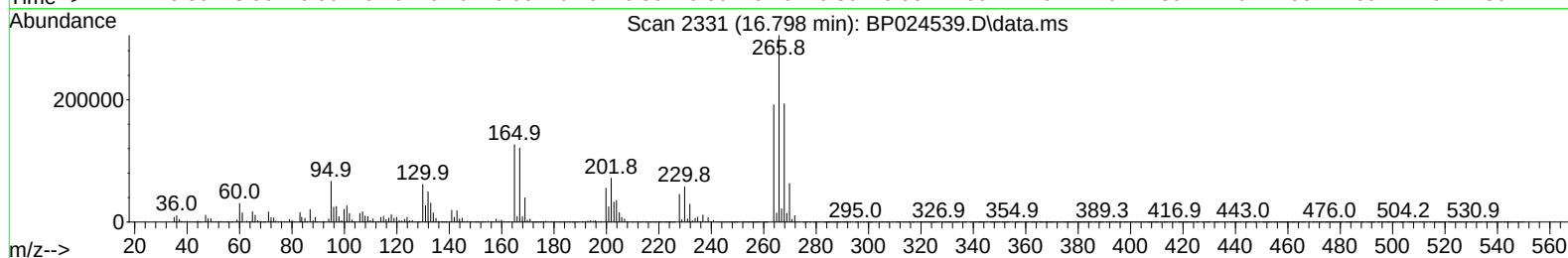
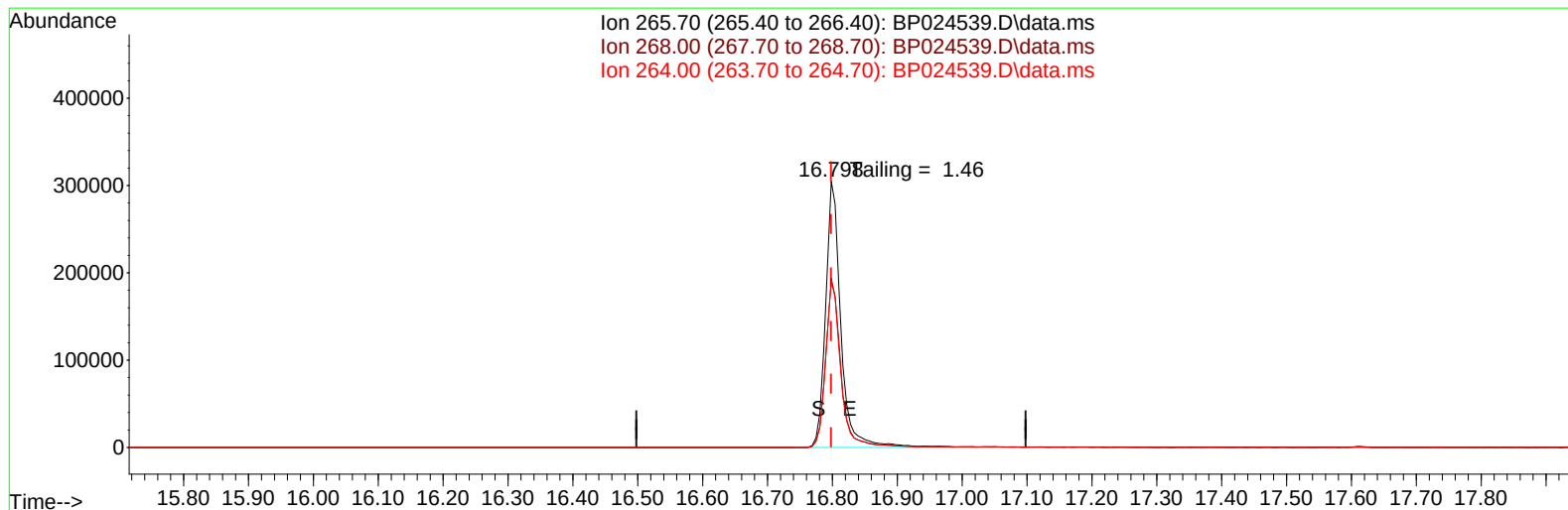
Date	Instrument Name	DFTPP Data File
5/6/2025	BNA_P	<u>BP024539.D</u>
Compound Name	Response	Retention Time
DDT	1350082	20.769
DDD	38430	20.316
DDE	0	19.775
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
38430	1388512	2.77

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024539.D
Acq On : 06 May 2025 09:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 06 13:41:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



TIC: BP024539.D\data.ms

(70) Pentachlorophenol (C)

16.798min (+ 0.000) 36682.01 ng

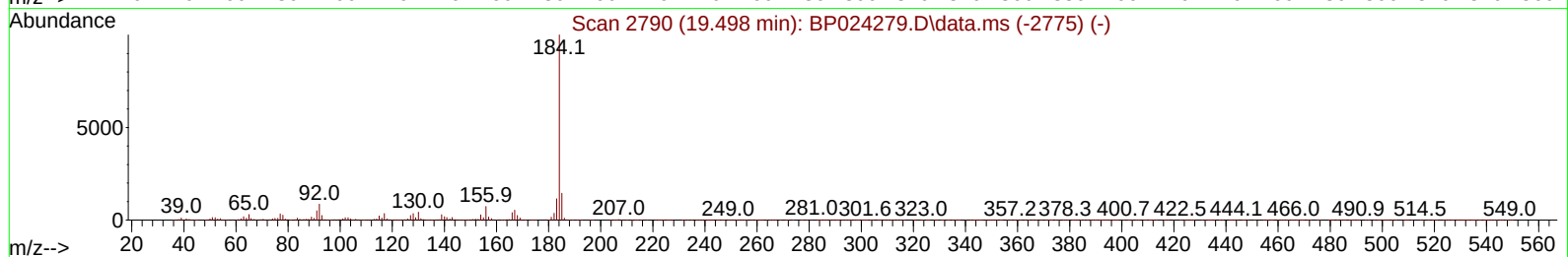
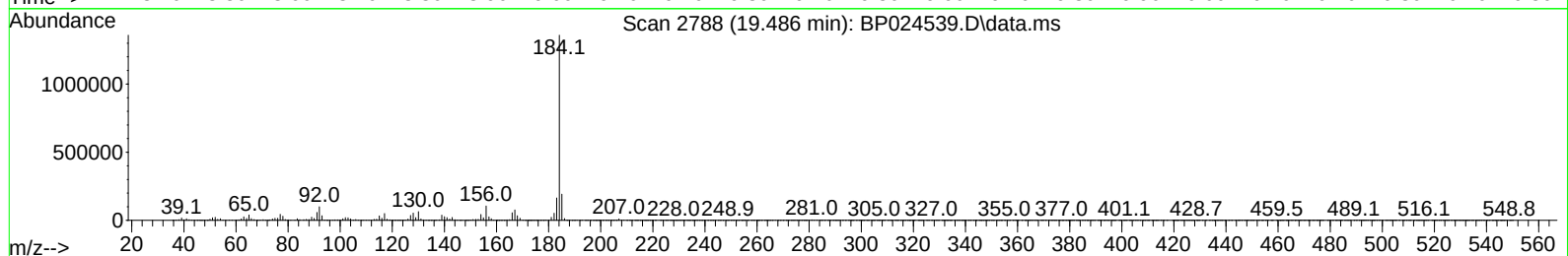
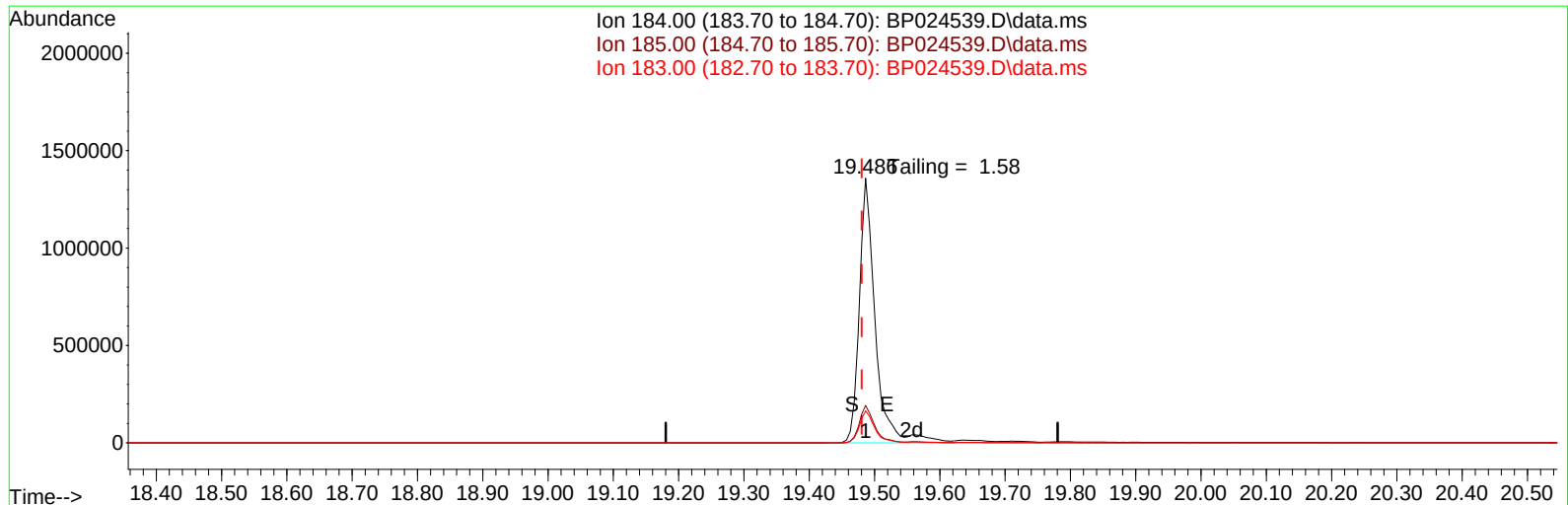
response 497194

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	63.43
264.00	62.20	62.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024539.D
Acq On : 06 May 2025 09:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 06 13:41:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



TIC: BP024539.D\data.ms

(77) Benzidine

19.486min (+ 0.006) 48697.69 ng

response 2219755

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.17
183.00	11.50	12.11
0.00	0.00	0.00

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167847BL	SDG No.:	Q1929
Lab Sample ID:	PB167847BL	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BP024541.D	1	05/02/25 11:10	05/06/25 10:58	PB167847

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	138		15 (10) - 110 (139)	92%	SPK: 150
13127-88-3	Phenol-d6	120		15 (10) - 110 (134)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.6		30 (49) - 130 (133)	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.3		30 (52) - 130 (132)	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		15 (44) - 110 (137)	105%	SPK: 150
1718-51-0	Terphenyl-d14	95.2		30 (48) - 130 (125)	95%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	168000	7.71			
1146-65-2	Naphthalene-d8	647000	10.481			
15067-26-2	Acenaphthene-d10	377000	14.339			
1517-22-2	Phenanthrene-d10	736000	17.139			
1719-03-5	Chrysene-d12	806000	21.58			
1520-96-3	Perylene-d12	936000	24.903			

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167847BL	SDG No.:	Q1929
Lab Sample ID:	PB167847BL	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BP024541.D	1	05/02/25 11:10	05/06/25 10:58	PB167847

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_P\Data\BP050625\
Data File : BP024541.D
Acq On : 06 May 2025 10:58
Operator : RC/JU
Sample : PB167847BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167847BL

Quant Time: May 06 13:56:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	167503	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	646551	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	376840	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	735943	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	805578	20.000	ng	-0.01
86) Perylene-d12	24.903	264	936452	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1393346	137.540	ng	-0.01
7) Phenol-d6	6.898	99	1667950	120.243	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1038164	91.559	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	817611	156.817	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2320735	94.292	ng	-0.02
79) Terphenyl-d14	19.857	244	3804199	95.185	ng	-0.02

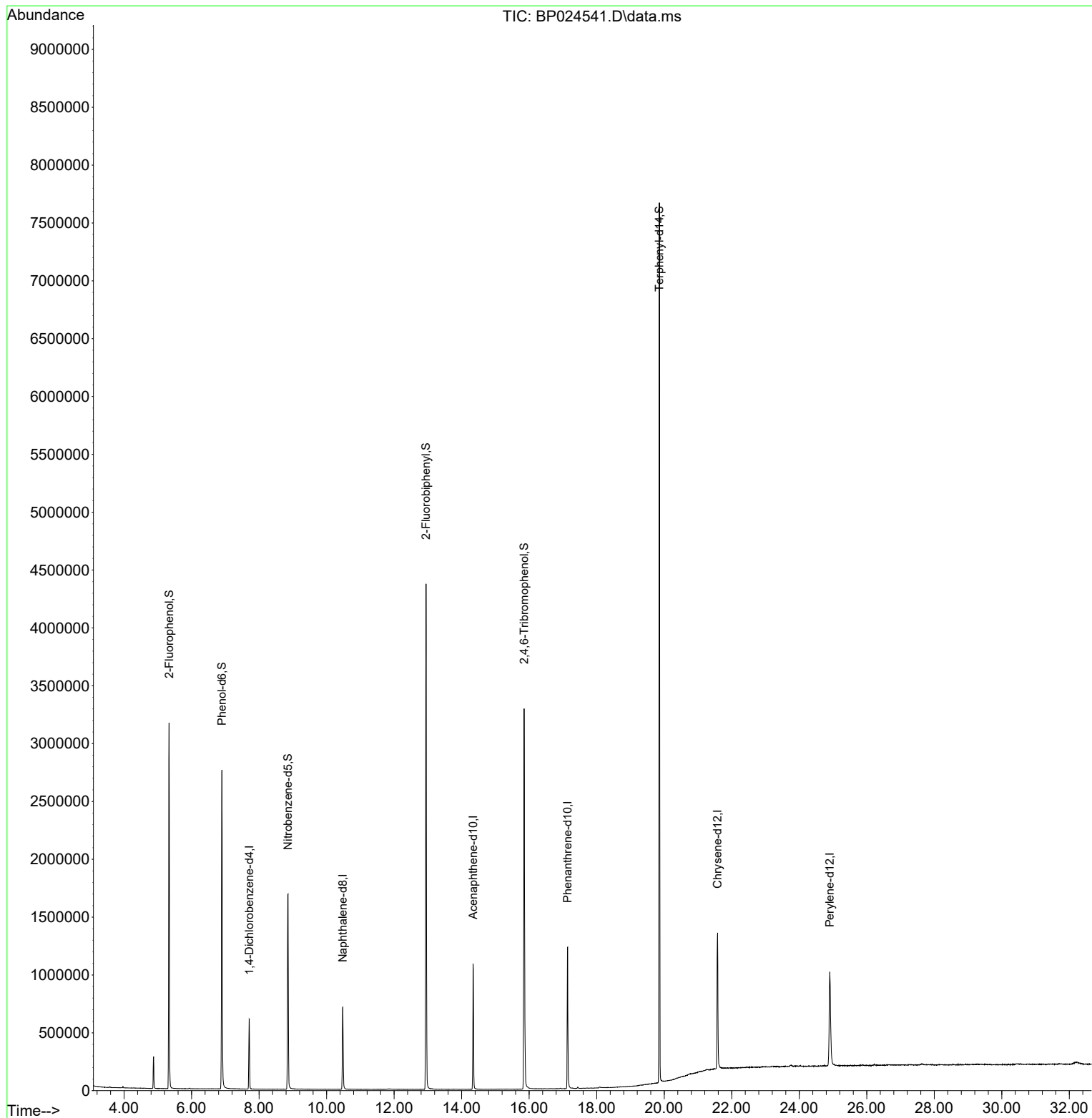
Target Compounds	Qvalue

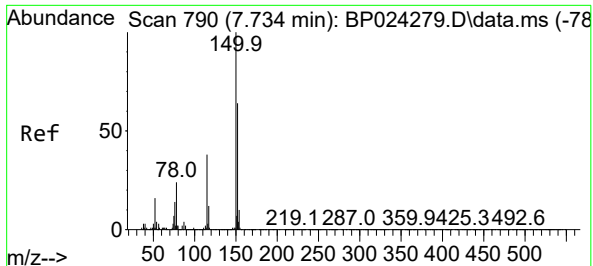
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024541.D
Acq On : 06 May 2025 10:58
Operator : RC/JU
Sample : PB167847BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167847BL

Quant Time: May 06 13:56:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

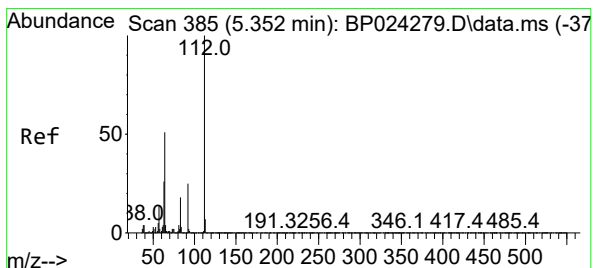
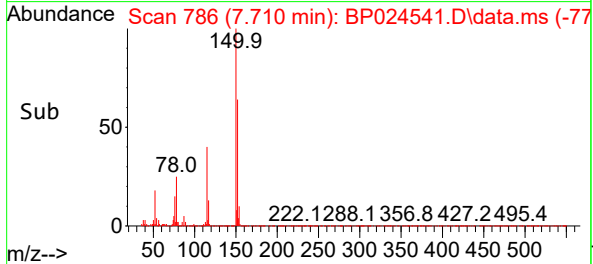
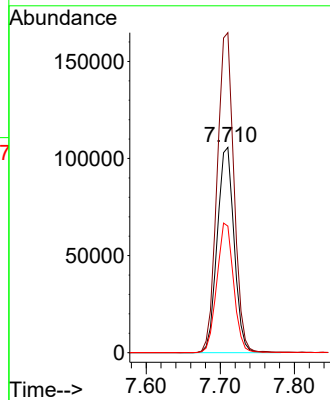
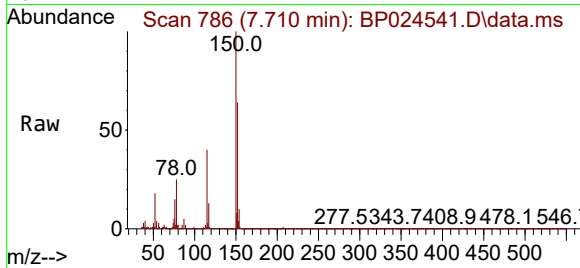




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

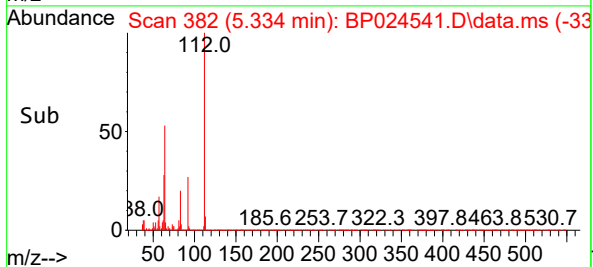
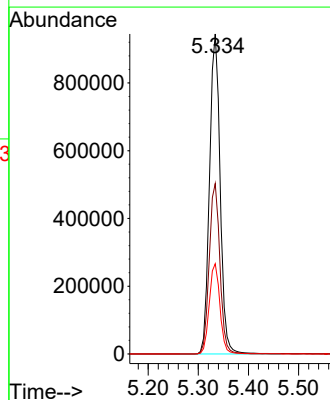
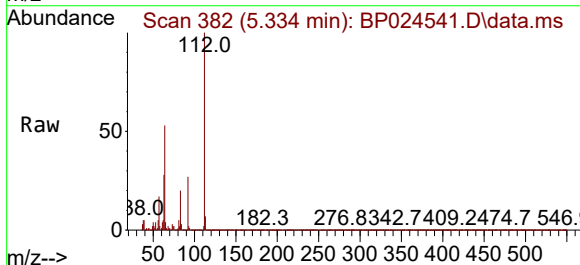
Instrument :
BNA_P
ClientSampleId :
PB167847BL

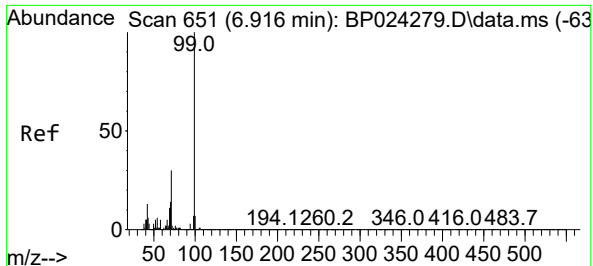
Tgt Ion:152 Resp: 167503
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 137.540 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

Tgt Ion:112 Resp: 1393346
Ion Ratio Lower Upper
112 100
64 53.2 41.1 61.7
63 28.2 20.6 30.8

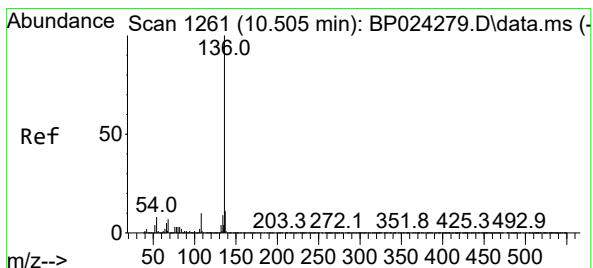
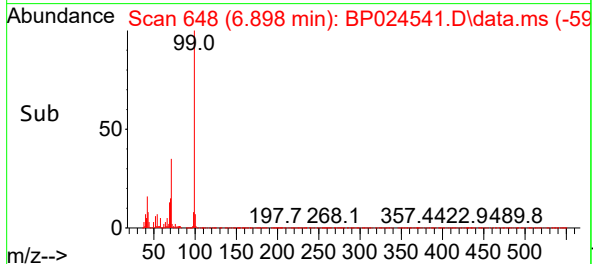
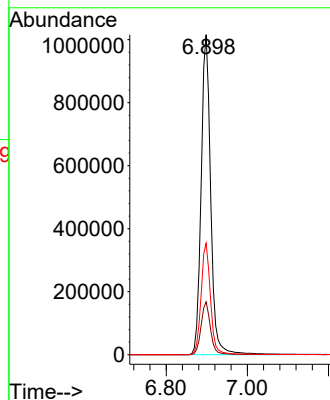
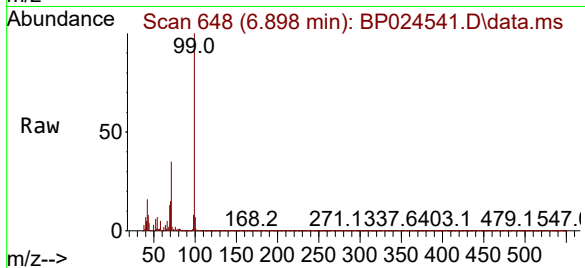




#7
Phenol-d6
Concen: 120.243 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

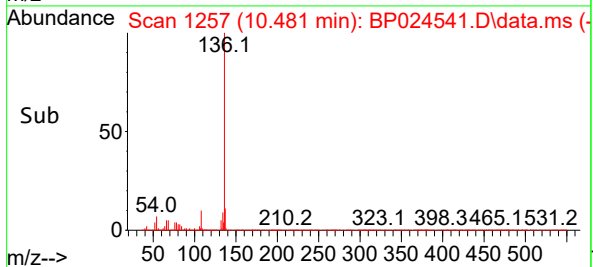
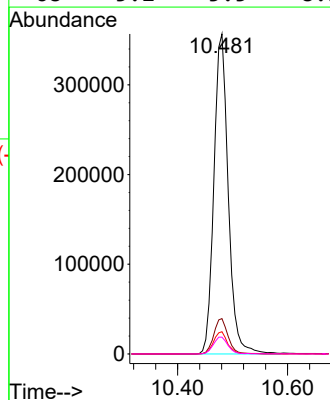
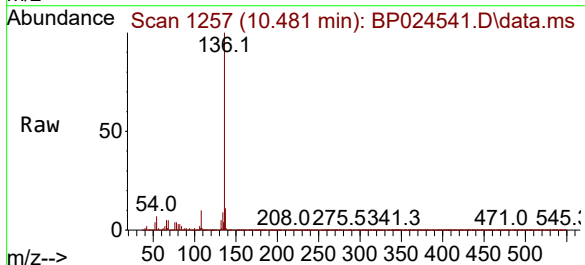
Instrument :
BNA_P
ClientSampleId :
PB167847BL

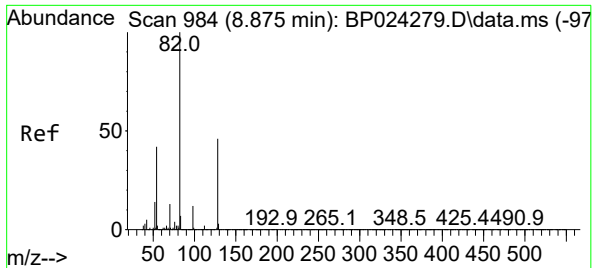
Tgt Ion: 99 Resp: 1667950
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 34.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

Tgt Ion:136 Resp: 646551
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.0 6.0 9.0
68 5.2 5.5 8.3#

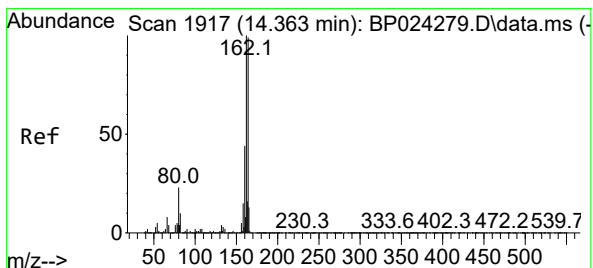
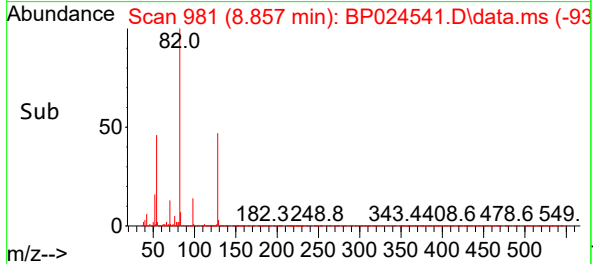
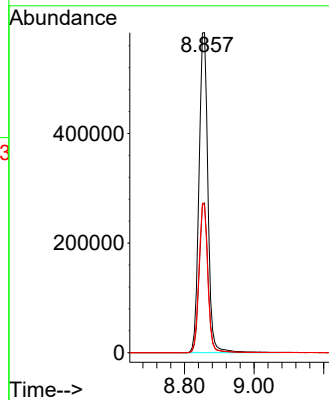
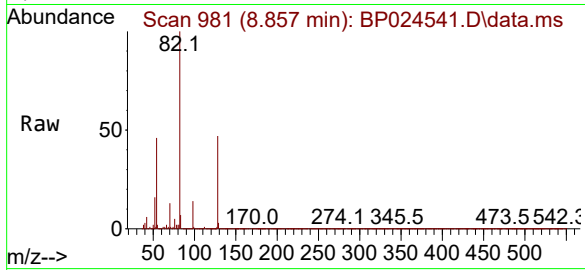




#23
Nitrobenzene-d5
Concen: 91.559 ng
RT: 8.857 min Scan# 913
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

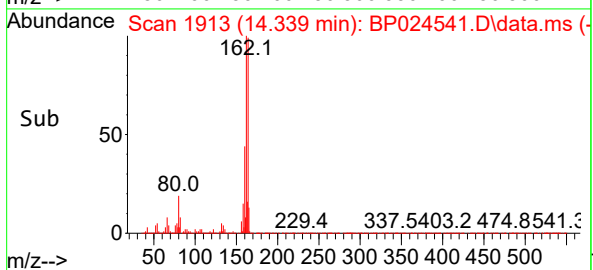
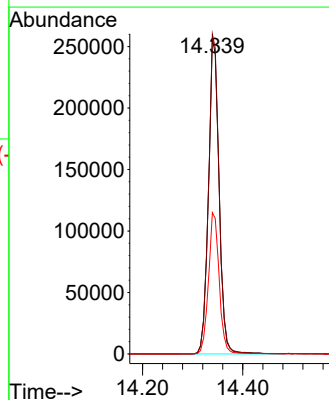
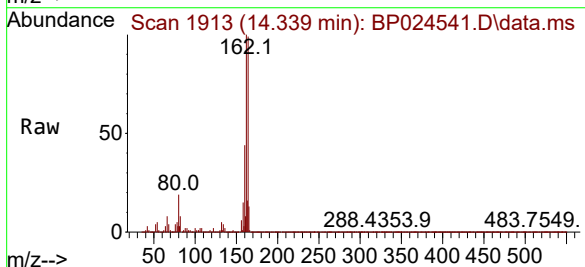
Instrument :
BNA_P
ClientSampleId :
PB167847BL

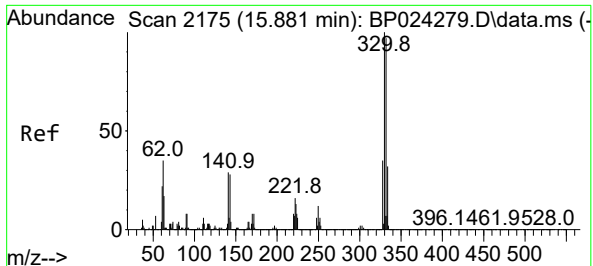
Tgt Ion: 82 Resp: 1038164
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 46.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

Tgt Ion: 164 Resp: 376840
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.7 35.3 52.9

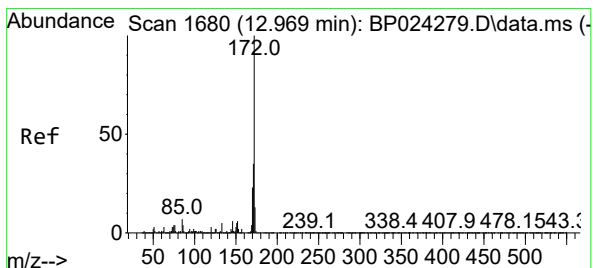
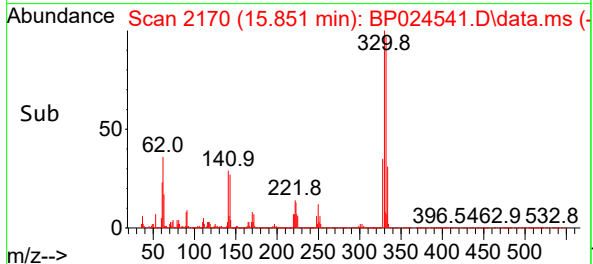
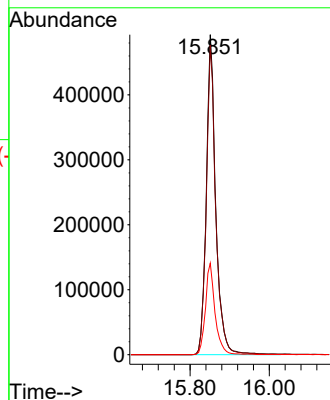
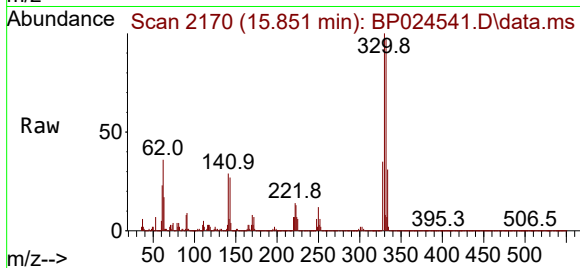




#42
2,4,6-Tribromophenol
Concen: 156.817 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

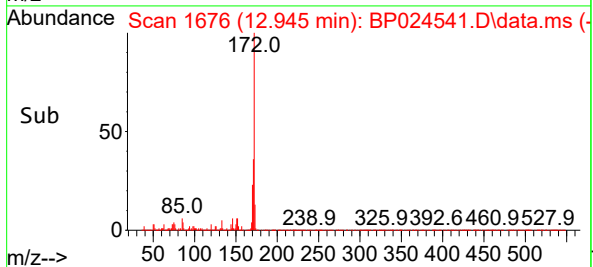
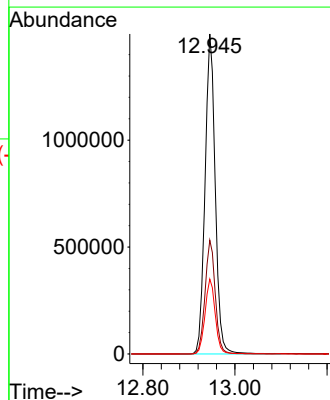
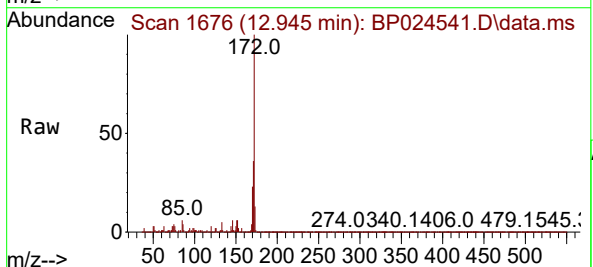
Instrument :
BNA_P
ClientSampleId :
PB167847BL

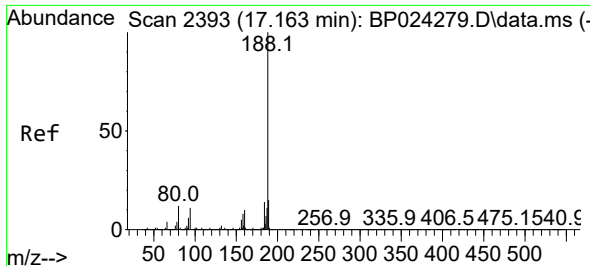
Tgt Ion: 330 Resp: 817611
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 29.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 94.292 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

Tgt Ion: 172 Resp: 2320735
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.4 18.6 27.8

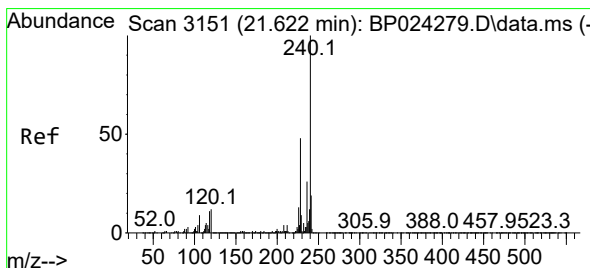
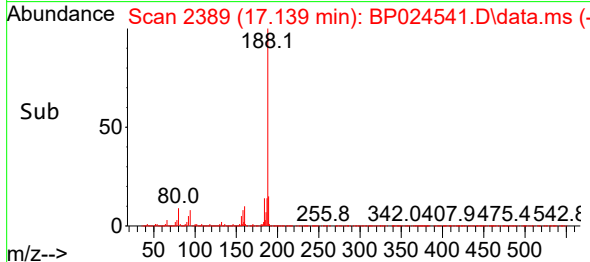
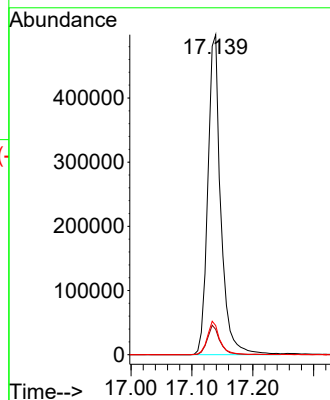
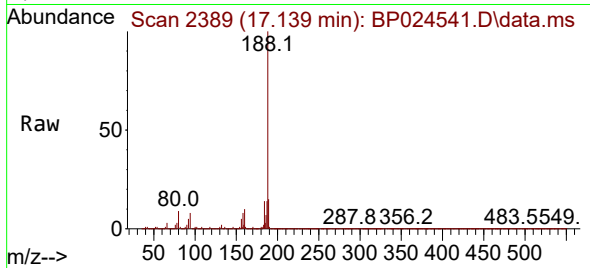




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

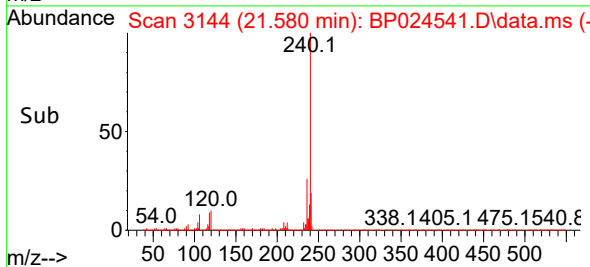
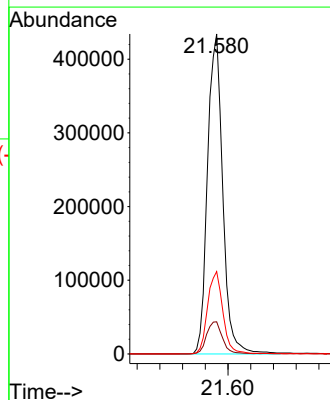
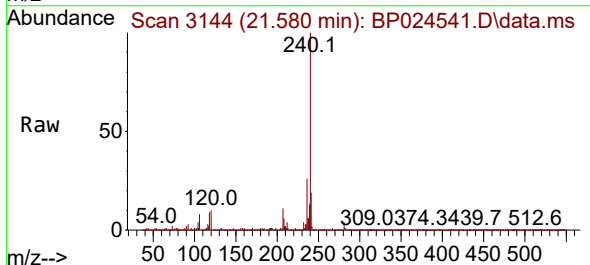
Instrument :
BNA_P
ClientSampleId :
PB167847BL

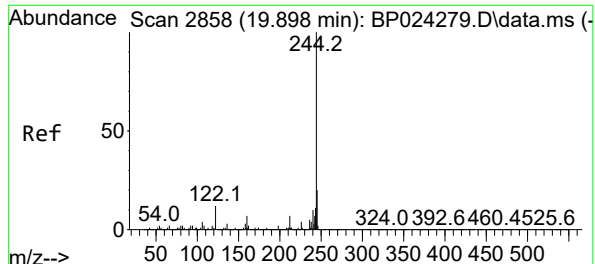
Tgt Ion:188 Resp: 735943
Ion Ratio Lower Upper
188 100
94 7.9 8.6 13.0#
80 9.1 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024541.D
Acq: 06 May 2025 10:58

Tgt Ion:240 Resp: 805578
Ion Ratio Lower Upper
240 100
120 10.1 9.8 14.8
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 95.185 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024541.D

Acq: 06 May 2025 10:58

Instrument :

BNA_P

ClientSampleId :

PB167847BL

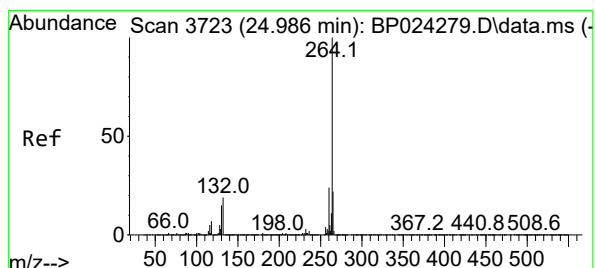
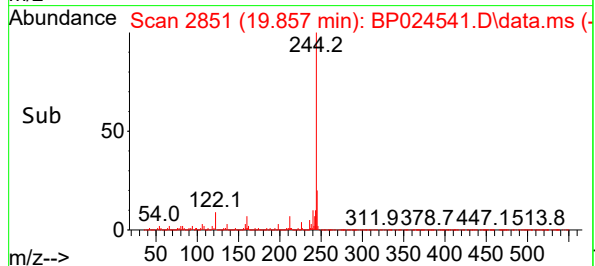
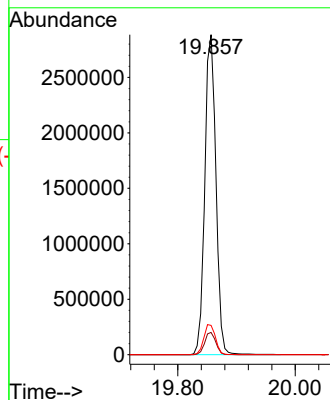
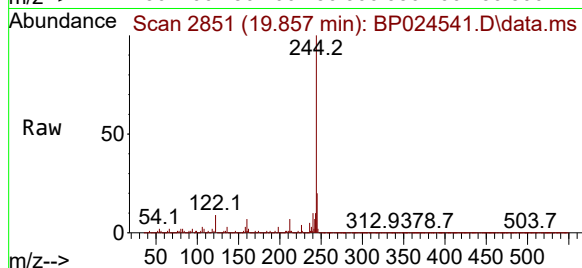
Tgt Ion:244 Resp: 3804199

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.2 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.903 min Scan# 3709

Delta R.T. -0.030 min

Lab File: BP024541.D

Acq: 06 May 2025 10:58

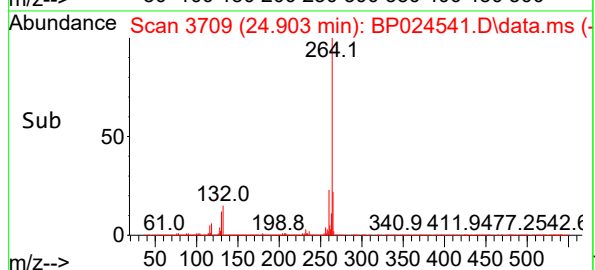
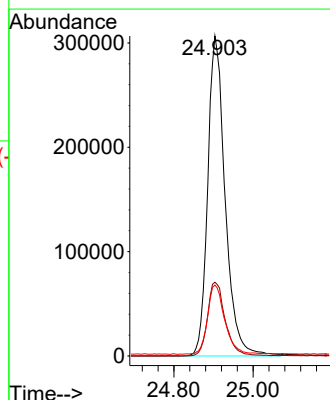
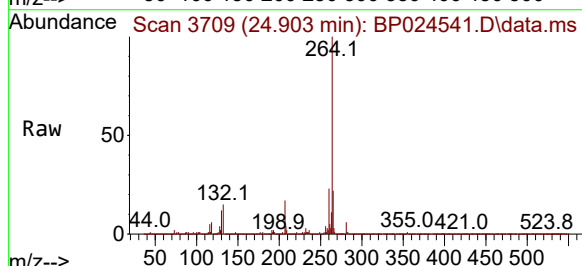
Tgt Ion:264 Resp: 936452

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 22.1 17.8 26.6



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167847BS	SDG No.:	Q1929
Lab Sample ID:	PB167847BS	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BP024542.D	1	05/02/25 11:10	05/06/25 11:39	PB167847

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	33.6		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	44.4		0.53	5.00	ug/L
95-48-7	2-Methylphenol	45.5		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.9		1.10	10.0	ug/L
67-72-1	Hexachloroethane	46.6		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.6		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	51.0		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	49.6		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.4		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	48.8		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	50.9		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	98.2	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	133		15 (10) - 110 (139)	89%	SPK: 150
13127-88-3	Phenol-d6	118		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.9		30 (49) - 130 (133)	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.6		30 (52) - 130 (132)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	157		15 (44) - 110 (137)	104%	SPK: 150
1718-51-0	Terphenyl-d14	92.0		30 (48) - 130 (125)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000		7.704		
1146-65-2	Naphthalene-d8	692000		10.475		
15067-26-2	Acenaphthene-d10	423000		14.339		
1517-22-2	Phenanthrene-d10	796000		17.133		
1719-03-5	Chrysene-d12	865000		21.586		
1520-96-3	Perylene-d12	1040000		24.903		

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167847BS	SDG No.:	Q1929
Lab Sample ID:	PB167847BS	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BP024542.D	1	05/02/25 11:10	05/06/25 11:39	PB167847

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_P\Data\BP050625\
 Data File : BP024542.D
 Acq On : 06 May 2025 11:39
 Operator : RC/JU
 Sample : PB167847BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167847BS

Quant Time: May 06 13:43:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	173185	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	691867	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	422844	20.000	ng	-0.01
64) Phenanthrene-d10	17.133	188	796267	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	865226	20.000	ng	0.00
86) Perylene-d12	24.903	264	1040073	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1394464	133.134	ng	-0.01
7) Phenol-d6	6.898	99	1685575	117.527	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1054066	86.872	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	915714	156.525	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	2474114	89.587	ng	-0.02
79) Terphenyl-d14	19.862	244	3949735	92.013	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	156994	35.436	ng	# 93
3) Pyridine	3.669	79	393139	33.606	ng	92
4) n-Nitrosodimethylamine	3.581	42	193612	49.867	ng	# 75
6) Aniline	7.045	93	411001	32.070	ng	98
8) 2-Chlorophenol	7.281	128	531339	45.436	ng	99
9) Benzaldehyde	6.857	77	219895	30.995	ng	98
10) Phenol	6.922	94	610259	42.417	ng	90
11) bis(2-Chloroethyl)ether	7.134	93	465023	40.116	ng	98
12) 1,3-Dichlorobenzene	7.593	146	559968	44.478	ng	99
13) 1,4-Dichlorobenzene	7.740	146	566541	44.352	ng	99
14) 1,2-Dichlorobenzene	8.051	146	542940	44.018	ng	98
15) Benzyl Alcohol	7.945	79	420836	45.373	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	529543	42.263	ng	100
17) 2-Methylphenol	8.151	107	423682	45.522	ng	97
18) Hexachloroethane	8.769	117	214933	46.559	ng	97
19) n-Nitroso-di-n-propyla...	8.504	70	351270	39.589	ng	95
20) 3+4-Methylphenols	8.481	107	566689	43.882	ng	98
22) Acetophenone	8.522	105	738418	43.121	ng	97
24) Nitrobenzene	8.898	77	535257	44.593	ng	98
25) Isophorone	9.422	82	975688	44.425	ng	96
26) 2-Nitrophenol	9.598	139	282218	48.045	ng	# 93
27) 2,4-Dimethylphenol	9.669	122	473564	64.207	ng	98
28) bis(2-Chloroethoxy)met...	9.892	93	608966	41.045	ng	99
29) 2,4-Dichlorophenol	10.139	162	474574	47.190	ng	98
30) 1,2,4-Trichlorobenzene	10.339	180	501979	46.588	ng	99
31) Naphthalene	10.528	128	1539140	42.232	ng	99
32) Benzoic acid	9.834	122	312517	36.364	ng	98
33) 4-Chloroaniline	10.657	127	256371	19.975	ng	98
34) Hexachlorobutadiene	10.810	225	322640	50.957	ng	99
35) Caprolactam	11.445	113	157211	42.367	ng	95
36) 4-Chloro-3-methylphenol	11.781	107	533476	45.543	ng	97
37) 2-Methylnaphthalene	12.139	142	976938	38.652	ng	97
38) 1-Methylnaphthalene	12.357	142	1023990	41.413	ng	99
40) 1,2,4,5-Tetrachloroben...	12.516	216	550991	47.384	ng	98
41) Hexachlorocyclopentadiene	12.492	237	810647	197.113	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	383614	49.619	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024542.D
 Acq On : 06 May 2025 11:39
 Operator : RC/JU
 Sample : PB167847BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167847BS

Quant Time: May 06 13:43:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

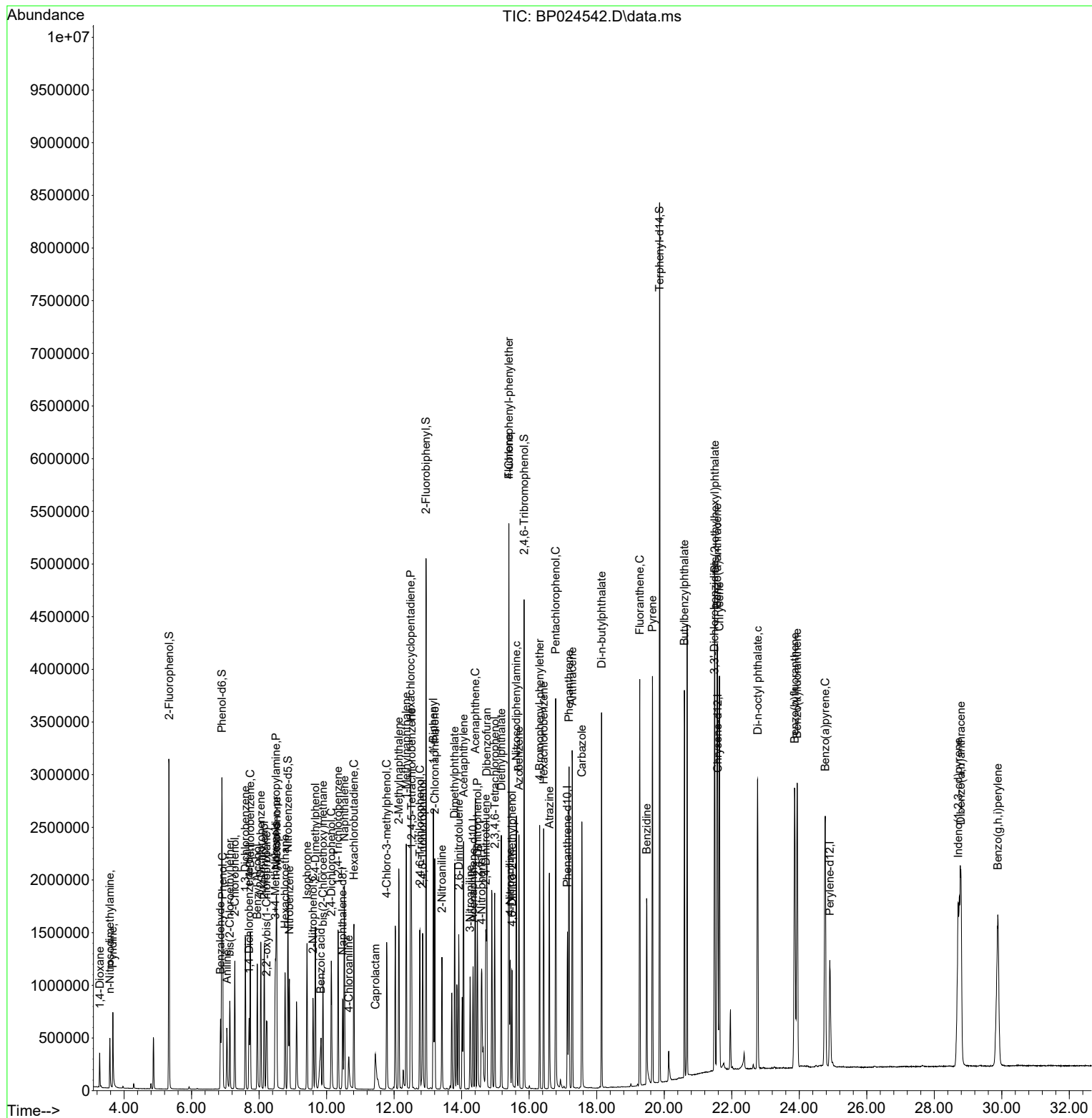
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	423238	49.437	ng	99
46) 1,1'-Biphenyl	13.163	154	1366759	43.974	ng	98
47) 2-Chloronaphthalene	13.204	162	1050859	45.238	ng	98
48) 2-Nitroaniline	13.416	65	321945	49.408	ng	94
49) Acenaphthylene	14.057	152	1761971	48.176	ng	100
50) Dimethylphthalate	13.792	163	1356648	44.119	ng	99
51) 2,6-Dinitrotoluene	13.916	165	305004	46.710	ng	92
52) Acenaphthene	14.404	154	1003647	43.286	ng	98
53) 3-Nitroaniline	14.251	138	282927	41.226	ng	99
54) 2,4-Dinitrophenol	14.469	184	390043	101.407	ng	89
55) Dibenzofuran	14.745	168	1580758	41.709	ng	96
56) 4-Nitrophenol	14.592	139	531606	89.691	ng	89
57) 2,4-Dinitrotoluene	14.716	165	434511	48.782	ng	95
58) Fluorene	15.398	166	1280105	43.631	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.980	232	364971	46.222	ng	98
60) Diethylphthalate	15.174	149	1381888	43.608	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	641403	45.019	ng	95
62) 4-Nitroaniline	15.439	138	326520	44.944	ng	89
63) Azobenzene	15.698	77	1203084	41.307	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	246108	49.024	ng	95
66) n-Nitrosodiphenylamine	15.621	169	1114636	46.899	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	432748	49.692	ng	97
68) Hexachlorobenzene	16.427	284	527233	50.949	ng	98
69) Atrazine	16.598	200	401760	66.372	ng	99
70) Pentachlorophenol	16.786	266	708770	98.178	ng	100
71) Phenanthrene	17.180	178	1962018	45.168	ng	100
72) Anthracene	17.274	178	1997004	47.700	ng	99
73) Carbazole	17.563	167	1867926	45.663	ng	99
74) Di-n-butylphthalate	18.145	149	2363542	46.377	ng	99
75) Fluoranthene	19.274	202	2287090	44.269	ng	97
77) Benzidine	19.480	184	1093517	99.705	ng	99
78) Pyrene	19.651	202	2377772	43.243	ng	99
80) Butylbenzylphthalate	20.598	149	1111524	47.195	ng	98
81) Benzo(a)anthracene	21.568	228	2484256	46.194	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	604643	32.033	ng	99
83) Chrysene	21.633	228	2316361	44.958	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1607734	46.566	ng	99
85) Di-n-octyl phthalate	22.768	149	2830018	50.419	ng	100
87) Indeno(1,2,3-cd)pyrene	28.709	276	3507906	48.582	ng	97
88) Benzo(b)fluoranthene	23.862	252	2750298	44.116	ng	98
89) Benzo(k)fluoranthene	23.939	252	2686655m	44.614	ng	
90) Benzo(a)pyrene	24.768	252	2639997	49.092	ng	98
91) Dibenzo(a,h)anthracene	28.786	278	2886101	48.155	ng	98
92) Benzo(g,h,i)perylene	29.880	276	2821822	46.257	ng #	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
 Data File : BP024542.D
 Acq On : 06 May 2025 11:39
 Operator : RC/JU
 Sample : PB167847BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167847BS

Quant Time: May 06 13:43:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration



Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	04/30/25
Client Sample ID:	WC-12MS	SDG No.:	Q1929
Lab Sample ID:	Q1916-04MS	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BF142284.D	1	05/02/25 12:15	05/02/25 16:49	PB167847

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	380		5.30	50.0	ug/L
95-48-7	2-Methylphenol	420		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	410		11.0	100	ug/L
67-72-1	Hexachloroethane	410		6.50	50.0	ug/L
98-95-3	Nitrobenzene	470		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	410		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	540		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	440		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1000	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	112		15 (10) - 110 (139)	75%	SPK: 150
13127-88-3	Phenol-d6	111		15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.1		30 (49) - 130 (133)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		30 (52) - 130 (132)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		15 (44) - 110 (137)	97%	SPK: 150
1718-51-0	Terphenyl-d14	69.6		30 (48) - 130 (125)	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	205000	6.91			
1146-65-2	Naphthalene-d8	787000	8.186			
15067-26-2	Acenaphthene-d10	410000	9.945			
1517-22-2	Phenanthrene-d10	691000	11.427			
1719-03-5	Chrysene-d12	415000	14.068			
1520-96-3	Perylene-d12	370000	15.557			

Report of Analysis

Client:	ENTACT		Date Collected:	04/30/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	04/30/25	
Client Sample ID:	WC-12MS		SDG No.:	Q1929	
Lab Sample ID:	Q1916-04MS		Matrix:	TCLP	
Analytical Method:	SW8270		% 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
BF142284.D	1	05/02/25 12:15	05/02/25 16:49	PB167847

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_F\Data\BF050225\
 Data File : BF142284.D
 Acq On : 02 May 2025 16:49
 Operator : RC/JU
 Sample : Q1916-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12MS

Manual Integrations
 APPROVED

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

Quant Time: May 02 17:22:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	204976	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	787341	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	409977	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	690627	20.000	ng	0.00
76) Chrysene-d12	14.068	240	414504	20.000	ng	0.00
86) Perylene-d12	15.557	264	369935	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1439802	112.182	ng	0.01
7) Phenol-d6	6.528	99	1726581	111.402	ng	0.00
23) Nitrobenzene-d5	7.469	82	1068311	89.142	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	543856	145.513	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2131906	73.319	ng	0.00
79) Terphenyl-d14	13.016	244	1982275	69.554	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.846	88	196202	34.229	ng	Qvalue
4) n-Nitrosodimethylamine	3.499	42	302140	39.192	ng	# 82
8) 2-Chlorophenol	6.692	128	558653	42.123	ng	98
9) Benzaldehyde	6.457	77	218269	20.150	ng	100
10) Phenol	6.545	94	636232	38.131	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	524904	40.596	ng	99
12) 1,3-Dichlorobenzene	6.851	146	576502	38.425	ng	98
13) 1,4-Dichlorobenzene	6.928	146	581657	38.480	ng	100
14) 1,2-Dichlorobenzene	7.075	146	565577	39.193	ng	100
15) Benzyl Alcohol	7.045	79	224717	20.443	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	943410	40.406	ng	98
17) 2-Methylphenol	7.151	107	459914	42.332	ng	96
18) Hexachloroethane	7.422	117	200611	40.548	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	385768	40.279	ng	98
20) 3+4-Methylphenols	7.304	107	560720	41.270	ng	# 88
22) Acetophenone	7.316	105	734683	40.334	ng	99
24) Nitrobenzene	7.487	77	556990	47.367	ng	99
25) Isophorone	7.728	82	1033345	41.084	ng	98
26) 2-Nitrophenol	7.804	139	266176	52.539	ng	98
27) 2,4-Dimethylphenol	7.834	122	530229	41.812	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	649216	40.928	ng	99
29) 2,4-Dichlorophenol	8.045	162	470112	44.341	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	481342	40.685	ng	99
31) Naphthalene	8.210	128	1596825	40.668	ng	100
32) Benzoic acid	7.934	122	188438	35.005	ng	95
33) 4-Chloroaniline	8.475	127	183661m	11.233	ng	
34) Hexachlorobutadiene	8.328	225	281407	40.768	ng	98
35) Caprolactam	8.628	113	138484m	43.456	ng	
36) 4-Chloro-3-methylphenol	8.734	107	453199	41.628	ng	97
37) 2-Methylnaphthalene	8.898	142	994337	41.188	ng	99
38) 1-Methylnaphthalene	8.998	142	1044823	41.777	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	481971	41.772	ng	99
41) Hexachlorocyclopentadiene	9.057	237	625836	95.571	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	340287	47.594	ng	99
44) 2,4,5-Trichlorophenol	9.216	196	358207	47.652	ng	99
46) 1,1'-Biphenyl	9.363	154	1350609	42.376	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142284.D
 Acq On : 02 May 2025 16:49
 Operator : RC/JU
 Sample : Q1916-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12MS

Manual Integrations
 APPROVED

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

Quant Time: May 02 17:22:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

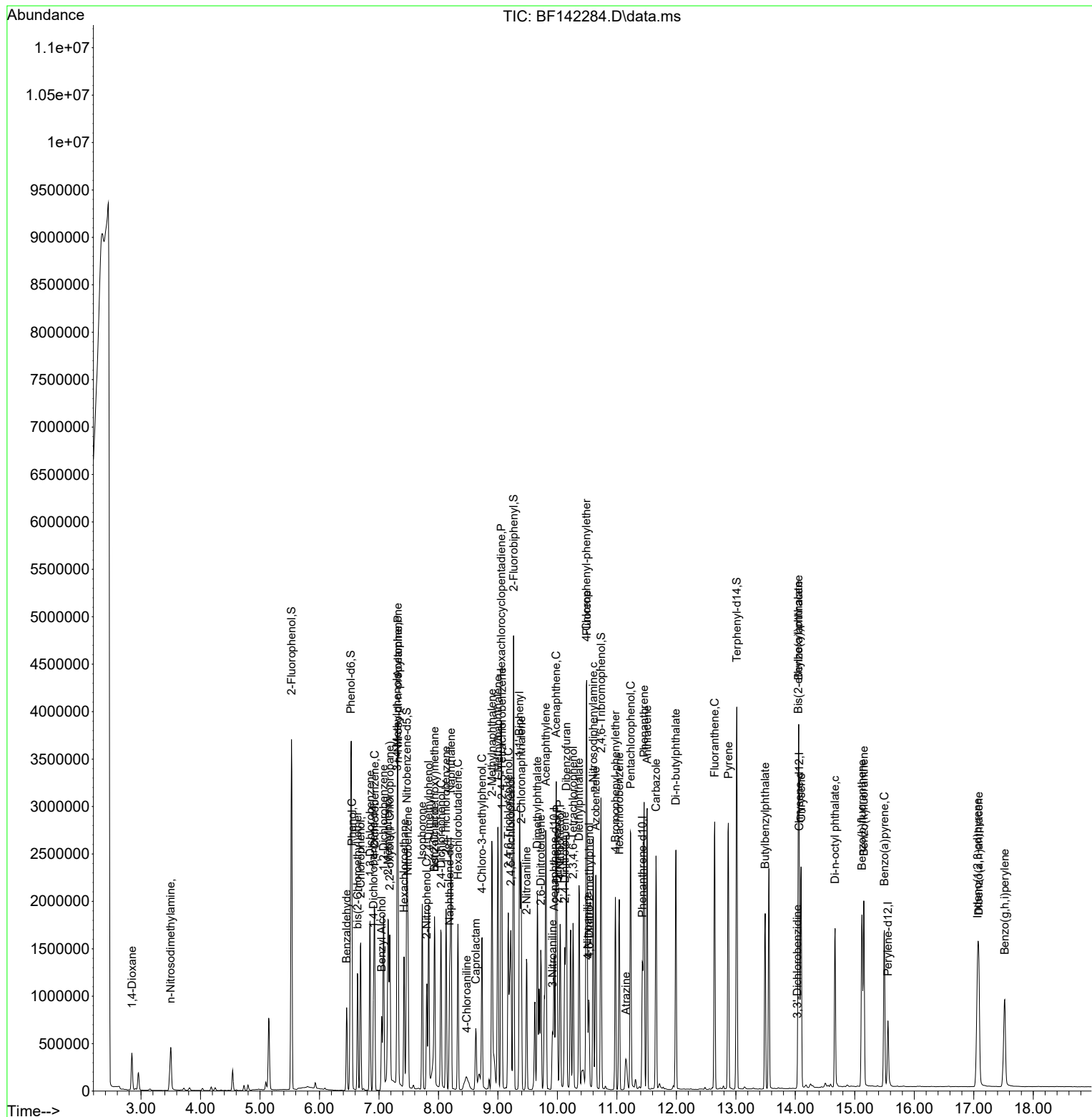
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.392	162	1006965	42.465	ng	99
48) 2-Nitroaniline	9.481	65	322548	51.225	ng	96
49) Acenaphthylene	9.804	152	1704823	42.605	ng	100
50) Dimethylphthalate	9.663	163	1183234	45.113	ng	100
51) 2,6-Dinitrotoluene	9.722	165	256900	50.810	ng	99
52) Acenaphthene	9.980	154	1115735	47.754	ng	98
53) 3-Nitroaniline	9.916	138	150946	26.215	ng	99
54) 2,4-Dinitrophenol	9.998	184	249236	115.189	ng	# 1
55) Dibenzofuran	10.151	168	1492355	42.610	ng	100
56) 4-Nitrophenol	10.045	139	403222	97.807	ng	100
57) 2,4-Dinitrotoluene	10.128	165	334352	54.180	ng	96
58) Fluorene	10.492	166	1176047	44.162	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	294684	47.325	ng	99
60) Diethylphthalate	10.363	149	1189291	45.918	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	547908	43.324	ng	97
62) 4-Nitroaniline	10.510	138	161515	30.123	ng	98
63) Azobenzene	10.645	77	1096355	42.867	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	153806	63.273	ng	92
66) n-Nitrosodiphenylamine	10.604	169	940521	39.857	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	348818	45.352	ng	100
68) Hexachlorobenzene	11.039	284	381276	44.262	ng	97
69) Atrazine	11.151	200	90120	14.489	ng	99
70) Pentachlorophenol	11.233	266	463857	101.930	ng	99
71) Phenanthrene	11.457	178	1651513	44.271	ng	100
72) Anthracene	11.510	178	1677465	43.980	ng	100
73) Carbazole	11.657	167	1409654	40.515	ng	100
74) Di-n-butylphthalate	11.992	149	1781971	50.924	ng	100
75) Fluoranthene	12.645	202	1666749	45.198	ng	98
78) Pyrene	12.874	202	1664650	43.536	ng	99
80) Butylbenzylphthalate	13.492	149	587950	55.601	ng	98
81) Benzo(a)anthracene	14.057	228	1277412	45.907	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	12245	1.498	ng	98
83) Chrysene	14.098	228	1108733	43.773	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	718777	49.518	ng	100
85) Di-n-octyl phthalate	14.668	149	1138387	43.532	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1116626	41.209	ng	99
88) Benzo(b)fluoranthene	15.121	252	1110580	48.331	ng	99
89) Benzo(k)fluoranthene	15.151	252	1131080	53.814	ng	99
90) Benzo(a)pyrene	15.498	252	1037141	49.299	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	912446	41.490	ng	99
92) Benzo(g,h,i)perylene	17.521	276	878071	39.717	ng	99

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

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Manual Integrations APPROVED

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



Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	04/30/25
Client Sample ID:	WC-12MSD	SDG No.:	Q1929
Lab Sample ID:	Q1916-04MSD	Matrix:	TCLP
Analytical Method:	SW8270	% 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
BF142285.D	1	05/02/25 12:15	05/02/25 17:18	PB167847

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	390		5.30	50.0	ug/L
95-48-7	2-Methylphenol	430		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	400		11.0	100	ug/L
67-72-1	Hexachloroethane	400		6.50	50.0	ug/L
98-95-3	Nitrobenzene	470		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	410		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	490		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	550		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	450		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1000	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	110		15 (10) - 110 (139)	73%	SPK: 150
13127-88-3	Phenol-d6	111		15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.1		30 (49) - 130 (133)	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.2		30 (52) - 130 (132)	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		15 (44) - 110 (137)	97%	SPK: 150
1718-51-0	Terphenyl-d14	65.1		30 (48) - 130 (125)	65%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	215000	6.91			
1146-65-2	Naphthalene-d8	826000	8.186			
15067-26-2	Acenaphthene-d10	423000	9.945			
1517-22-2	Phenanthrene-d10	705000	11.427			
1719-03-5	Chrysene-d12	434000	14.068			
1520-96-3	Perylene-d12	423000	15.557			

Report of Analysis

Client:	ENTACT		Date Collected:	04/30/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	04/30/25	
Client Sample ID:	WC-12MSD		SDG No.:	Q1929	
Lab Sample ID:	Q1916-04MSD		Matrix:	TCLP	
Analytical Method:	SW8270		% 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
BF142285.D	1	05/02/25 12:15	05/02/25 17:18	PB167847

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_F\Data\BF050225\
 Data File : BF142285.D
 Acq On : 02 May 2025 17:18
 Operator : RC/JU
 Sample : Q1916-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12MSD

Manual Integrations
 APPROVED

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

Quant Time: May 02 17:57:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	214792	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	826459	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	423460	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	705292	20.000	ng	0.00
76) Chrysene-d12	14.068	240	433924	20.000	ng	0.00
86) Perylene-d12	15.557	264	423312	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1480264	110.063	ng	0.01
7) Phenol-d6	6.534	99	1795415	110.549	ng	0.00
23) Nitrobenzene-d5	7.469	82	1121196	89.127	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	564410	146.204	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2199782	73.245	ng	0.00
79) Terphenyl-d14	13.016	244	1943531	65.142	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.852	88	200356	33.356	ng	# 83
4) n-Nitrosodimethylamine	3.504	42	320389	39.659	ng	100
8) 2-Chlorophenol	6.692	128	594292	42.763	ng	99
9) Benzaldehyde	6.457	77	202699	17.857	ng	99
10) Phenol	6.545	94	655543	37.493	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	544706	40.203	ng	98
12) 1,3-Dichlorobenzene	6.851	146	599075	38.105	ng	100
13) 1,4-Dichlorobenzene	6.928	146	609944	38.507	ng	99
14) 1,2-Dichlorobenzene	7.075	146	584133	38.629	ng	100
15) Benzyl Alcohol	7.045	79	242814	21.080	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	973410	39.786	ng	97
17) 2-Methylphenol	7.157	107	492077	43.222	ng	97
18) Hexachloroethane	7.422	117	208011	40.123	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	400149	39.872	ng	99
20) 3+4-Methylphenols	7.310	107	566468	39.788	ng	# 73
22) Acetophenone	7.316	105	756620	39.573	ng	98
24) Nitrobenzene	7.487	77	581532	47.113	ng	99
25) Isophorone	7.728	82	1077403	40.808	ng	99
26) 2-Nitrophenol	7.804	139	287766	53.784	ng	98
27) 2,4-Dimethylphenol	7.839	122	552696	41.521	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	685882	41.192	ng	99
29) 2,4-Dichlorophenol	8.045	162	489328	43.969	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	503606	40.552	ng	100
31) Naphthalene	8.210	128	1643033	39.864	ng	100
32) Benzoic acid	7.939	122	286766	45.888	ng	99
33) 4-Chloroaniline	8.416	127	190968	11.127	ng	99
34) Hexachlorobutadiene	8.328	225	297755	41.095	ng	99
35) Caprolactam	8.628	113	138822m	41.501	ng	
36) 4-Chloro-3-methylphenol	8.733	107	492414	43.090	ng	98
37) 2-Methylnaphthalene	8.898	142	1017321	40.145	ng	98
38) 1-Methylnaphthalene	8.998	142	1070660	40.784	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	499146	41.883	ng	99
41) Hexachlorocyclopentadiene	9.057	237	655323	96.887	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	351600	47.611	ng	98
44) 2,4,5-Trichlorophenol	9.216	196	377182	48.579	ng	100
46) 1,1'-Biphenyl	9.363	154	1391415	42.266	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142285.D
 Acq On : 02 May 2025 17:18
 Operator : RC/JU
 Sample : Q1916-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-12MSD

Manual Integrations
 APPROVED

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

Quant Time: May 02 17:57:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

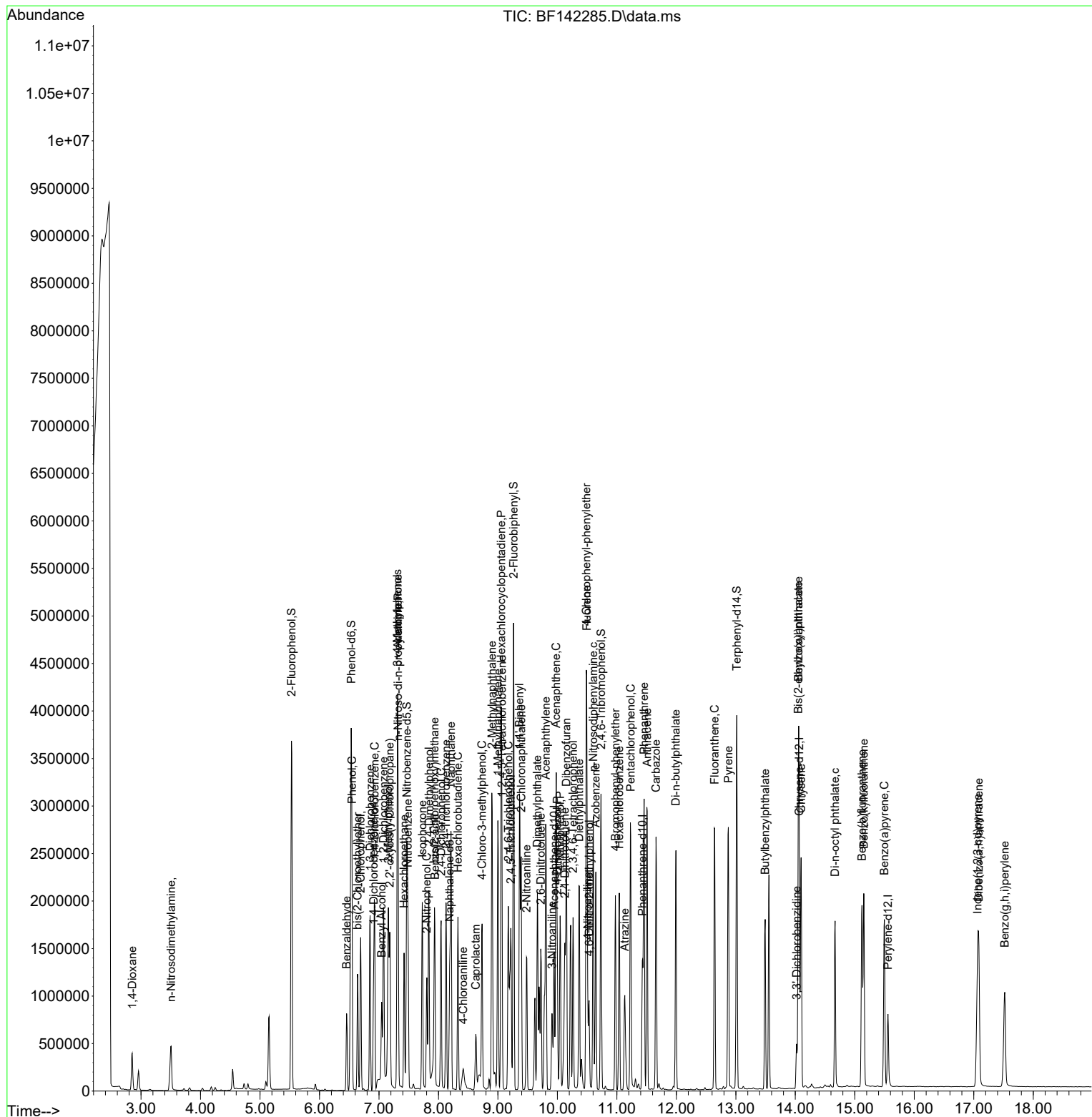
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.392	162	1029786	42.045	ng	99
48) 2-Nitroaniline	9.480	65	335423	51.541	ng	95
49) Acenaphthylene	9.804	152	1744556	42.210	ng	100
50) Dimethylphthalate	9.663	163	1217017	44.924	ng	100
51) 2,6-Dinitrotoluene	9.722	165	257114	49.358	ng	98
52) Acenaphthene	9.980	154	1152256	47.747	ng	98
53) 3-Nitroaniline	9.910	138	208685	34.010	ng	97
54) 2,4-Dinitrophenol	9.998	184	268773	118.336	ng	# 1
55) Dibenzofuran	10.151	168	1549472	42.833	ng	100
56) 4-Nitrophenol	10.045	139	423607	99.480	ng	99
57) 2,4-Dinitrotoluene	10.128	165	352124	55.145	ng	95
58) Fluorene	10.492	166	1181775	42.964	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	303523	47.193	ng	100
60) Diethylphthalate	10.369	149	1205092	45.047	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	561721	43.002	ng	96
62) 4-Nitroaniline	10.510	138	208504	36.961	ng	97
63) Azobenzene	10.645	77	1121903	42.469	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	160335	64.367	ng	92
66) n-Nitrosodiphenylamine	10.604	169	1028062	42.661	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	351935	44.806	ng	99
68) Hexachlorobenzene	11.039	284	397147	45.145	ng	99
69) Atrazine	11.133	200	222533	35.033	ng	99
70) Pentachlorophenol	11.233	266	468886	100.893	ng	98
71) Phenanthrene	11.457	178	1649682	43.302	ng	100
72) Anthracene	11.510	178	1690918	43.411	ng	100
73) Carbazole	11.657	167	1520445	42.791	ng	99
74) Di-n-butylphthalate	11.992	149	1764131	49.366	ng	100
75) Fluoranthene	12.645	202	1648130	43.764	ng	98
78) Pyrene	12.874	202	1639461	40.958	ng	100
80) Butylbenzylphthalate	13.492	149	582060	52.782	ng	99
81) Benzo(a)anthracene	14.057	228	1315993	45.176	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	145951	17.058	ng	100
83) Chrysene	14.098	228	1153398	43.498	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	739282	48.712	ng	99
85) Di-n-octyl phthalate	14.668	149	1182262	43.234	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1178639	38.013	ng	99
88) Benzo(b)fluoranthene	15.121	252	1176599	44.747	ng	99
89) Benzo(k)fluoranthene	15.151	252	1170313	48.660	ng	99
90) Benzo(a)pyrene	15.498	252	1113226	46.243	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	964139	38.313	ng	99
92) Benzo(g,h,i)perylene	17.521	276	920166	36.373	ng	99

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

Instrument :
BNA_F
ClientSampleId :
WC-12MSD

Manual Integrations APPROVED

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



Manual Integration Report

Sequence:	BF043025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF142240.D	2,3,4,6-Tetrachlorophen ol	Rahul	5/1/2025 11:26:17 AM	Jagrut	5/1/2025 1:17:43 PM	Peak Integrated by Software
SSTDICC020	BF142242.D	Benzoic acid	Rahul	5/1/2025 11:26:23 AM	Jagrut	5/1/2025 1:17:45 PM	Peak Integrated by Software
SSTDICCC040	BF142243.D	Benzoic acid	Rahul	5/1/2025 11:26:25 AM	Jagrut	5/1/2025 1:17:48 PM	Peak Integrated by Software
SSTDICC050	BF142244.D	Phenol	Rahul	5/1/2025 11:26:27 AM	Jagrut	5/1/2025 1:17:50 PM	Peak Integrated by Software
SSTDICC060	BF142245.D	Phenol	Rahul	5/1/2025 11:26:30 AM	Jagrut	5/1/2025 1:17:52 PM	Peak Integrated by Software
SSTDICC080	BF142246.D	Benzoic acid	Rahul	5/1/2025 11:26:33 AM	Jagrut	5/1/2025 1:17:55 PM	Peak Integrated by Software
SSTDICC080	BF142246.D	Phenol	Rahul	5/1/2025 11:26:33 AM	Jagrut	5/1/2025 1:17:55 PM	Peak Integrated by Software
SSTDICV040	BF142247.D	Benzoic acid	Rahul	5/1/2025 11:26:36 AM	Jagrut	5/1/2025 1:17:57 PM	Peak Integrated by Software
SSTDICV040	BF142247.D	Phenol	Rahul	5/1/2025 11:26:36 AM	Jagrut	5/1/2025 1:17:57 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

bf050225

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142274.D	Benzoic acid	Rahul	5/5/2025 10:14:38 AM	Jagrut	5/5/2025 11:51:58 AM	Peak Integrated by Software
SSTDCCC040	BF142274.D	Phenol	Rahul	5/5/2025 10:14:38 AM	Jagrut	5/5/2025 11:51:58 AM	Peak Integrated by Software
Q1916-04MS	BF142284.D	4-Chloroaniline	Rahul	5/5/2025 10:14:47 AM	Jagrut	5/5/2025 11:52:06 AM	Peak Integrated by Software
Q1916-04MS	BF142284.D	Caprolactam	Rahul	5/5/2025 10:14:47 AM	Jagrut	5/5/2025 11:52:06 AM	Peak Integrated by Software
Q1916-04MSD	BF142285.D	Caprolactam	Rahul	5/5/2025 10:14:50 AM	Jagrut	5/5/2025 11:52:08 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BM042825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050025.D	4-Nitroaniline	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzaldehyde	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzo(k)fluoranthene	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Caprolactam	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	4-Nitroaniline	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzaldehyde	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzoic acid	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC020	BM050027.D	Benzoic acid	Rahul	4/29/2025 8:55:10 AM	Jagrut	4/29/2025 11:57:15 AM	Peak Integrated by Software
SSTDICV040	BM050032.D	Benzaldehyde	Rahul	4/29/2025 8:55:13 AM	Jagrut	4/29/2025 11:57:18 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BM050525

Instrument

BNA_m

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	bp041425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024276.D	Benzaldehyde	Rahul	4/15/2025 9:45:41 AM	Jagrut	4/15/2025 10:52:38 AM	Peak Integrated by Software
SSTDICC005	BP024276.D	Benzidine	Rahul	4/15/2025 9:45:41 AM	Jagrut	4/15/2025 10:52:38 AM	Peak Integrated by Software
SSTDICC010	BP024277.D	Benzaldehyde	Rahul	4/15/2025 9:46:12 AM	Jagrut	4/15/2025 10:52:41 AM	Peak Integrated by Software
SSTDICC010	BP024277.D	Benzoic acid	Rahul	4/15/2025 9:46:12 AM	Jagrut	4/15/2025 10:52:41 AM	Peak Integrated by Software
SSTDICC020	BP024278.D	Benzoic acid	Rahul	4/15/2025 9:46:28 AM	Jagrut	4/15/2025 10:52:44 AM	Peak Integrated by Software
SSTDICC050	BP024280.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:47:02 AM	Jagrut	4/15/2025 10:52:46 AM	Peak Integrated by Software
SSTDICC050	BP024280.D	Pyridine	Rahul	4/15/2025 9:47:02 AM	Jagrut	4/15/2025 10:52:46 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Benzoic acid	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Pyridine	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Benzidine	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Benzoic acid	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Pyridine	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

bp041425

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICV040	BP024283.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:50:13 AM	Jagrut	4/15/2025 10:52:54 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:	BP050525	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024538.D	Benzidine	Rahul	5/6/2025 9:57:47 AM	Jagrut	5/6/2025 10:50:38 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

bp050625

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024540.D	4-Nitrophenol	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software
SSTDCCC040	BP024540.D	Benzo(b)fluoranthene	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software
SSTDCCC040	BP024540.D	Benzo(g,h,i)perylene	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software
SSTDCCC040	BP024540.D	Benzoic acid	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software
PB167847BS	BP024542.D	Benzo(k)fluoranthene	Rahul	5/7/2025 10:38:50 AM	Jagrut	5/7/2025 1:28:11 PM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF043025

Review By	Rahul	Review On	5/1/2025 1:20:20 PM
Supervise By	Jagrut	Supervise On	5/1/2025 1:23:08 PM
SubDirectory	BF043025	HP Acquire Method	BNA_F
		HP Processing Method	BF043025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12661,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142238.D	30 Apr 2025 10:55	RC/JU	Ok
2	SSTDICC2.5	BF142239.D	30 Apr 2025 11:24	RC/JU	Ok
3	SSTDICC005	BF142240.D	30 Apr 2025 11:52	RC/JU	Ok,M
4	SSTDICC010	BF142241.D	30 Apr 2025 12:20	RC/JU	Ok
5	SSTDICC020	BF142242.D	30 Apr 2025 12:49	RC/JU	Ok,M
6	SSTDICCC040	BF142243.D	30 Apr 2025 13:17	RC/JU	Ok,M
7	SSTDICC050	BF142244.D	30 Apr 2025 13:46	RC/JU	Ok,M
8	SSTDICC060	BF142245.D	30 Apr 2025 14:15	RC/JU	Ok,M
9	SSTDICC080	BF142246.D	30 Apr 2025 14:43	RC/JU	Ok,M
10	SSTDICV040	BF142247.D	30 Apr 2025 16:17	RC/JU	Ok,M
11	PB167726BL	BF142248.D	30 Apr 2025 17:15	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF050225

Review By	Rahul	Review On	5/5/2025 10:18:55 AM
Supervise By	Jagrut	Supervise On	5/5/2025 11:52:39 AM
SubDirectory	BF050225	HP Acquire Method	BNA_F
		HP Processing Method	BF043025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12662,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142273.D	02 May 2025 10:11	RC/JU	Ok
2	SSTDCCC040	BF142274.D	02 May 2025 10:39	RC/JU	Ok,M
3	PB167774TB	BF142275.D	02 May 2025 11:07	RC/JU	Not Ok
4	Q1901-08	BF142276.D	02 May 2025 11:58	RC/JU	Ok
5	Q1901-08MS	BF142277.D	02 May 2025 12:27	RC/JU	Ok,M
6	Q1901-08MSD	BF142278.D	02 May 2025 12:55	RC/JU	Ok,M
7	Q1901-09	BF142279.D	02 May 2025 13:24	RC/JU	Ok
8	Q1901-10	BF142280.D	02 May 2025 13:53	RC/JU	ReRun
9	Q1901-11	BF142281.D	02 May 2025 14:22	RC/JU	Ok
10	Q1907-02	BF142282.D	02 May 2025 14:51	RC/JU	ReRun
11	Q1916-04	BF142283.D	02 May 2025 16:20	RC/JU	Ok
12	Q1916-04MS	BF142284.D	02 May 2025 16:49	RC/JU	Ok,M
13	Q1916-04MSD	BF142285.D	02 May 2025 17:18	RC/JU	Ok,M
14	Q1932-02	BF142286.D	02 May 2025 17:47	RC/JU	Ok
15	Q1932-04	BF142287.D	02 May 2025 18:16	RC/JU	Ok
16	Q1932-06	BF142288.D	02 May 2025 18:46	RC/JU	ReRun
17	Q1932-08	BF142289.D	02 May 2025 19:15	RC/JU	Ok
18	Q1917-04	BF142290.D	02 May 2025 19:44	RC/JU	Ok
19	Q1922-04	BF142291.D	02 May 2025 20:13	RC/JU	Ok
20	Q1922-08	BF142292.D	02 May 2025 20:42	RC/JU	Ok
21	Q1929-03	BF142293.D	02 May 2025 21:11	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12661,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050023.D	28 Apr 2025 11:46	RC/JU	Ok
2	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30	RC/JU	Ok
3	SSTDICC005	BM050025.D	28 Apr 2025 13:09	RC/JU	Ok,M
4	SSTDICC010	BM050026.D	28 Apr 2025 13:48	RC/JU	Ok,M
5	SSTDICC020	BM050027.D	28 Apr 2025 14:27	RC/JU	Ok,M
6	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	RC/JU	Ok
7	SSTDICC050	BM050029.D	28 Apr 2025 15:45	RC/JU	Ok
8	SSTDICC060	BM050030.D	28 Apr 2025 16:24	RC/JU	Ok
9	SSTDICC080	BM050031.D	28 Apr 2025 17:04	RC/JU	Ok
10	SSTDICV040	BM050032.D	28 Apr 2025 17:43	RC/JU	Ok,M
11	PB167739BL	BM050033.D	28 Apr 2025 19:40	RC/JU	Not Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM050525

Review By	Rahul	Review On	5/6/2025 9:57:21 AM
Supervise By	Jagrut	Supervise On	5/6/2025 10:52:32 AM
SubDirectory	BM050525	HP Acquire Method	BNA_M
		HP Processing Method	BM042825
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12662,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050095.D	05 May 2025 11:39	RC/JU	Ok
2	SSTDCCC040	BM050096.D	05 May 2025 12:18	RC/JU	Ok
3	PB167815TB	BM050097.D	05 May 2025 12:57	RC/JU	Ok
4	Q1907-01DL	BM050098.D	05 May 2025 13:40	RC/JU	Ok,M
5	Q1914-12	BM050099.D	05 May 2025 15:03	RC/JU	Ok
6	Q1937-05	BM050100.D	05 May 2025 15:42	RC/JU	Ok
7	Q1937-05MS	BM050101.D	05 May 2025 16:21	RC/JU	Ok
8	Q1937-05MSD	BM050102.D	05 May 2025 17:00	RC/JU	Ok
9	Q1947-01	BM050103.D	05 May 2025 17:39	RC/JU	Ok
10	Q1936-03	BM050104.D	05 May 2025 18:18	RC/JU	Ok
11	Q1951-01	BM050105.D	05 May 2025 18:58	RC/JU	Ok
12	Q1914-06	BM050106.D	05 May 2025 19:37	RC/JU	Ok
13	Q1914-04	BM050107.D	05 May 2025 20:16	RC/JU	Ok,M
14	Q1922-01	BM050108.D	05 May 2025 20:55	RC/JU	Ok
15	Q1935-05	BM050109.D	05 May 2025 21:34	RC/JU	Ok
16	Q1933-01	BM050110.D	05 May 2025 22:14	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP041425

Review By	Rahul	Review On	4/15/2025 9:55:40 AM		
Supervise By	Jagrut	Supervise On	4/15/2025 10:53:04 AM		
SubDirectory	BP041425	HP Acquire Method	BNA_P	HP Processing Method	bp041425
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12659,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024274.D	14 Apr 2025 10:25	RC/JU	Ok
2	SSTDICC2.5	BP024275.D	14 Apr 2025 11:06	RC/JU	Ok
3	SSTDICC005	BP024276.D	14 Apr 2025 11:47	RC/JU	Ok,M
4	SSTDICC010	BP024277.D	14 Apr 2025 12:27	RC/JU	Ok,M
5	SSTDICC020	BP024278.D	14 Apr 2025 13:08	RC/JU	Ok,M
6	SSTDICCC040	BP024279.D	14 Apr 2025 13:49	RC/JU	Ok
7	SSTDICC050	BP024280.D	14 Apr 2025 15:10	RC/JU	Ok,M
8	SSTDICC060	BP024281.D	14 Apr 2025 16:32	RC/JU	Ok,M
9	SSTDICC080	BP024282.D	14 Apr 2025 17:13	RC/JU	Ok,M
10	SSTDICV040	BP024283.D	14 Apr 2025 18:35	RC/JU	Ok,M
11	PB167488TB	BP024284.D	14 Apr 2025 19:16	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QCBatch ID # BP050525

Review By	Rahul	Review On	5/6/2025 9:58:11 AM
Supervise By	Jagrut	Supervise On	5/6/2025 10:50:58 AM
SubDirectory	BP050525	HP Acquire Method	BNA_P
		HP Processing Method	bp041425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12662,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024521.D	05 May 2025 11:57	RC/JU	Ok
2	SSTDCCC040	BP024522.D	05 May 2025 12:38	RC/JU	Ok
3	PB167836BL	BP024523.D	05 May 2025 13:18	RC/JU	Ok
4	PB167836BS	BP024524.D	05 May 2025 13:59	RC/JU	Ok
5	Q1883-05RX	BP024525.D	05 May 2025 14:43	RC/JU	Confirms
6	Q1928-01MS	BP024526.D	05 May 2025 15:24	RC/JU	Ok
7	Q1928-01MSD	BP024527.D	05 May 2025 16:05	RC/JU	Ok,M
8	Q1935-01	BP024528.D	05 May 2025 16:45	RC/JU	Ok
9	Q1901-10RE	BP024529.D	05 May 2025 17:26	RC/JU	Confirms
10	Q1907-02RE	BP024530.D	05 May 2025 18:07	RC/JU	Confirms
11	Q1932-06RE	BP024531.D	05 May 2025 18:47	RC/JU	Confirms
12	Q1929-07	BP024532.D	05 May 2025 19:28	RC/JU	Ok
13	Q1929-11	BP024533.D	05 May 2025 20:09	RC/JU	Ok
14	Q1935-04	BP024534.D	05 May 2025 20:49	RC/JU	Ok
15	Q1935-08	BP024535.D	05 May 2025 21:30	RC/JU	Ok
16	Q1928-04	BP024536.D	05 May 2025 22:11	RC/JU	Ok
17	Q1946-01	BP024537.D	05 May 2025 22:52	RC/JU	Ok
18	SSTDCCC040	BP024538.D	05 May 2025 23:32	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP050625

Review By	Rahul	Review On	5/7/2025 10:40:03 AM
Supervise By	Jagrut	Supervise On	5/7/2025 1:28:26 PM
SubDirectory	BP050625	HP Acquire Method	BNA_P
		HP Processing Method	bp041425
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12662,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024539.D	06 May 2025 09:37	RC/JU	Ok
2	SSTDCCC040	BP024540.D	06 May 2025 10:17	RC/JU	Ok,M
3	PB167847BL	BP024541.D	06 May 2025 10:58	RC/JU	Ok
4	PB167847BS	BP024542.D	06 May 2025 11:39	RC/JU	Ok,M
5	Q1937-01	BP024543.D	06 May 2025 12:23	RC/JU	Ok
6	Q1937-03	BP024544.D	06 May 2025 13:03	RC/JU	Ok
7	Q1936-01	BP024545.D	06 May 2025 13:44	RC/JU	Ok
8	Q1936-05	BP024546.D	06 May 2025 14:25	RC/JU	Ok
9	Q1936-07	BP024547.D	06 May 2025 15:05	RC/JU	Ok
10	Q1937-07	BP024548.D	06 May 2025 15:46	RC/JU	Ok
11	Q1956-01	BP024549.D	06 May 2025 16:27	RC/JU	Ok
12	Q1956-02	BP024550.D	06 May 2025 17:08	RC/JU	Ok
13	Q1956-03MS	BP024551.D	06 May 2025 17:48	RC/JU	Ok
14	Q1956-04MSD	BP024552.D	06 May 2025 18:29	RC/JU	Ok
15	Q1956-06	BP024553.D	06 May 2025 19:10	RC/JU	Ok
16	Q1947-08	BP024554.D	06 May 2025 19:50	RC/JU	Ok,M
17	Q1960-03	BP024555.D	06 May 2025 20:31	RC/JU	Ok,M
18	Q1959-01	BP024556.D	06 May 2025 21:12	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF043025

Review By	Rahul	Review On	5/1/2025 1:20:20 PM
Supervise By	Jagrut	Supervise On	5/1/2025 1:23:08 PM
SubDirectory	BF043025	HP Acquire Method	BNA_F
		HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142238.D	30 Apr 2025 10:55		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142239.D	30 Apr 2025 11:24		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142240.D	30 Apr 2025 11:52	Compound#32,54,56,65,70,85 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF142241.D	30 Apr 2025 12:20		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF142242.D	30 Apr 2025 12:49		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF142243.D	30 Apr 2025 13:17	Compound#32,48,51,53,57,62,65,80,84,85 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF142244.D	30 Apr 2025 13:46	Compound#26,54 Kept on QR	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF142245.D	30 Apr 2025 14:15		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF142246.D	30 Apr 2025 14:43		RC/JU	Ok,M
10	SSTDICV040	ICVBF043025	BF142247.D	30 Apr 2025 16:17		RC/JU	Ok,M
11	PB167726BL	PB167726BL	BF142248.D	30 Apr 2025 17:15		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF050225

Review By	Rahul	Review On	5/5/2025 10:18:55 AM
Supervise By	Jagrut	Supervise On	5/5/2025 11:52:39 AM
SubDirectory	BF050225	HP Acquire Method	BNA_F
		HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	SP6757 SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	SP6725 S12662,10ul/1000ul sample SP6770

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142273.D	02 May 2025 10:11		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142274.D	02 May 2025 10:39		RC/JU	Ok,M
3	PB167774TB	PB167774TB	BF142275.D	02 May 2025 11:07	Analyzed for contamination check	RC/JU	Not Ok
4	Q1901-08	B-167-SB01	BF142276.D	02 May 2025 11:58		RC/JU	Ok
5	Q1901-08MS	B-167-SB01MS	BF142277.D	02 May 2025 12:27		RC/JU	Ok,M
6	Q1901-08MSD	B-167-SB01MSD	BF142278.D	02 May 2025 12:55		RC/JU	Ok,M
7	Q1901-09	B-170-SB01	BF142279.D	02 May 2025 13:24		RC/JU	Ok
8	Q1901-10	B-167-SB02	BF142280.D	02 May 2025 13:53	Internal Standard Fail	RC/JU	ReRun
9	Q1901-11	B-170-SB02	BF142281.D	02 May 2025 14:22		RC/JU	Ok
10	Q1907-02	CO-8R-WC	BF142282.D	02 May 2025 14:51	Internal Standard and surrogates Fail	RC/JU	ReRun
11	Q1916-04	WC-12	BF142283.D	02 May 2025 16:20		RC/JU	Ok
12	Q1916-04MS	WC-12MS	BF142284.D	02 May 2025 16:49		RC/JU	Ok,M
13	Q1916-04MSD	WC-12MSD	BF142285.D	02 May 2025 17:18		RC/JU	Ok,M
14	Q1932-02	COMP-4	BF142286.D	02 May 2025 17:47		RC/JU	Ok
15	Q1932-04	COMP-5	BF142287.D	02 May 2025 18:16		RC/JU	Ok
16	Q1932-06	COMP-6	BF142288.D	02 May 2025 18:46	Surrogate Fail	RC/JU	ReRun
17	Q1932-08	COMP-7	BF142289.D	02 May 2025 19:15		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF050225

Review By	Rahul	Review On	5/5/2025 10:18:55 AM		
Supervise By	Jagrut	Supervise On	5/5/2025 11:52:39 AM		
SubDirectory	BF050225	HP Acquire Method	BNA_F	HP Processing Method	BF043025
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729				
CCC	SP6725				
Internal Standard/PEM	S12662,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q1917-04	MH-JJ	BF142290.D	02 May 2025 19:44		RC/JU	Ok
19	Q1922-04	MH-R	BF142291.D	02 May 2025 20:13		RC/JU	Ok
20	Q1922-08	MH-S	BF142292.D	02 May 2025 20:42		RC/JU	Ok
21	Q1929-03	WC-A4-02-C	BF142293.D	02 May 2025 21:11		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM
SubDirectory	BM042825	HP Acquire Method	BNA_M
		HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050023.D	28 Apr 2025 11:46		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050025.D	28 Apr 2025 13:09	Compound#32-41-54-56-65-70-7 7 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050026.D	28 Apr 2025 13:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050027.D	28 Apr 2025 14:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	Compound#54 & 56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM050029.D	28 Apr 2025 15:45		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050030.D	28 Apr 2025 16:24		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050031.D	28 Apr 2025 17:04		RC/JU	Ok
10	SSTDICV040	ICVBM042825	BM050032.D	28 Apr 2025 17:43		RC/JU	Ok,M
11	PB167739BL	PB167739BL	BM050033.D	28 Apr 2025 19:40	Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM050525

Review By	Rahul	Review On	5/6/2025 9:57:21 AM
Supervise By	Jagrut	Supervise On	5/6/2025 10:52:32 AM
SubDirectory	BM050525	HP Acquire Method	BNA_M
		HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050095.D	05 May 2025 11:39		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050096.D	05 May 2025 12:18		RC/JU	Ok
3	PB167815TB	PB167815TB	BM050097.D	05 May 2025 12:57		RC/JU	Ok
4	Q1907-01DL	CO-8R-WCDL	BM050098.D	05 May 2025 13:40		RC/JU	Ok,M
5	Q1914-12	SS-9	BM050099.D	05 May 2025 15:03		RC/JU	Ok
6	Q1937-05	LARGE-PILE-C	BM050100.D	05 May 2025 15:42		RC/JU	Ok
7	Q1937-05MS	LARGE-PILE-CMS	BM050101.D	05 May 2025 16:21		RC/JU	Ok
8	Q1937-05MSD	LARGE-PILE-CMSD	BM050102.D	05 May 2025 17:00		RC/JU	Ok
9	Q1947-01	MH-P	BM050103.D	05 May 2025 17:39		RC/JU	Ok
10	Q1936-03	SMALL-PILE-B	BM050104.D	05 May 2025 18:18		RC/JU	Ok
11	Q1951-01	MH-KK	BM050105.D	05 May 2025 18:58		RC/JU	Ok
12	Q1914-06	SS-5	BM050106.D	05 May 2025 19:37		RC/JU	Ok
13	Q1914-04	SS-3	BM050107.D	05 May 2025 20:16		RC/JU	Ok,M
14	Q1922-01	MH-R	BM050108.D	05 May 2025 20:55		RC/JU	Ok
15	Q1935-05	MH-MM	BM050109.D	05 May 2025 21:34		RC/JU	Ok
16	Q1933-01	OK-01-050125	BM050110.D	05 May 2025 22:14		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP041425

Review By	Rahul	Review On	4/15/2025 9:55:40 AM
Supervise By	Jagrut	Supervise On	4/15/2025 10:53:04 AM
SubDirectory	BP041425	HP Acquire Method	BNA_P
		HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024274.D	14 Apr 2025 10:25		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024275.D	14 Apr 2025 11:06		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024276.D	14 Apr 2025 11:47	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024277.D	14 Apr 2025 12:27		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024278.D	14 Apr 2025 13:08		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024279.D	14 Apr 2025 13:49	This calibration is fail for Com#77	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024280.D	14 Apr 2025 15:10	This calibration is good for 8270E, 8270 DOD and 625.1 methods except Compound#77	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP024281.D	14 Apr 2025 16:32	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP024282.D	14 Apr 2025 17:13	Compound #69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP041425	BP024283.D	14 Apr 2025 18:35		RC/JU	Ok,M
11	PB167488TB	PB167488TB	BP024284.D	14 Apr 2025 19:16		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP050525

Review By	Rahul	Review On	5/6/2025 9:58:11 AM
Supervise By	Jagrut	Supervise On	5/6/2025 10:50:58 AM
SubDirectory	BP050525	HP Acquire Method	BNA_P
		HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024521.D	05 May 2025 11:57		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024522.D	05 May 2025 12:38		RC/JU	Ok
3	PB167836BL	PB167836BL	BP024523.D	05 May 2025 13:18		RC/JU	Ok
4	PB167836BS	PB167836BS	BP024524.D	05 May 2025 13:59		RC/JU	Ok
5	Q1883-05RX	OU4-PCS-TC-29-0423	BP024525.D	05 May 2025 14:43	Surrogate Fail	RC/JU	Confirms
6	Q1928-01MS	MH-QMS	BP024526.D	05 May 2025 15:24		RC/JU	Ok
7	Q1928-01MSD	MH-QMSD	BP024527.D	05 May 2025 16:05		RC/JU	Ok,M
8	Q1935-01	MH-NN	BP024528.D	05 May 2025 16:45		RC/JU	Ok
9	Q1901-10RE	B-167-SB02RE	BP024529.D	05 May 2025 17:26	Internal Standard and surrogate Fail	RC/JU	Confirms
10	Q1907-02RE	CO-8R-WCRE	BP024530.D	05 May 2025 18:07	Internal Standard and surrogate Fail	RC/JU	Confirms
11	Q1932-06RE	COMP-6RE	BP024531.D	05 May 2025 18:47	Surrogate Fail	RC/JU	Confirms
12	Q1929-07	WC-A1-03-C	BP024532.D	05 May 2025 19:28		RC/JU	Ok
13	Q1929-11	WC-A1-04-C	BP024533.D	05 May 2025 20:09		RC/JU	Ok
14	Q1935-04	MH-NN	BP024534.D	05 May 2025 20:49		RC/JU	Ok
15	Q1935-08	MH-MM	BP024535.D	05 May 2025 21:30		RC/JU	Ok
16	Q1928-04	MH-Q	BP024536.D	05 May 2025 22:11		RC/JU	Ok
17	Q1946-01	BB-CONCRETE	BP024537.D	05 May 2025 22:52		RC/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP050525

Review By	Rahul	Review On	5/6/2025 9:58:11 AM		
Supervise By	Jagrut	Supervise On	5/6/2025 10:50:58 AM		
SubDirectory	BP050525	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	SSTDCCC040	SSTDCCC040EC	BP024538.D	05 May 2025 23:32		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP050625

Review By	Rahul	Review On	5/7/2025 10:40:03 AM
Supervise By	Jagrut	Supervise On	5/7/2025 1:28:26 PM
SubDirectory	BP050625	HP Acquire Method	BNA_P
		HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024539.D	06 May 2025 09:37		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024540.D	06 May 2025 10:17		RC/JU	Ok,M
3	PB167847BL	PB167847BL	BP024541.D	06 May 2025 10:58		RC/JU	Ok
4	PB167847BS	PB167847BS	BP024542.D	06 May 2025 11:39		RC/JU	Ok,M
5	Q1937-01	LARGE-PILE-A	BP024543.D	06 May 2025 12:23		RC/JU	Ok
6	Q1937-03	LARGE-PILE-B	BP024544.D	06 May 2025 13:03		RC/JU	Ok
7	Q1936-01	SMALL-PILE-A	BP024545.D	06 May 2025 13:44		RC/JU	Ok
8	Q1936-05	SMALL-PILE-C	BP024546.D	06 May 2025 14:25		RC/JU	Ok
9	Q1936-07	SMALL-PILE-D	BP024547.D	06 May 2025 15:05		RC/JU	Ok
10	Q1937-07	LARGE-PILE-D	BP024548.D	06 May 2025 15:46		RC/JU	Ok
11	Q1956-01	SB1-3-4	BP024549.D	06 May 2025 16:27		RC/JU	Ok
12	Q1956-02	SB2-4-5	BP024550.D	06 May 2025 17:08		RC/JU	Ok
13	Q1956-03MS	SB2-4-5MS	BP024551.D	06 May 2025 17:48		RC/JU	Ok
14	Q1956-04MSD	SB2-4-5MSD	BP024552.D	06 May 2025 18:29		RC/JU	Ok
15	Q1956-06	SB91-3-4	BP024553.D	06 May 2025 19:10		RC/JU	Ok
16	Q1947-08	MH-O	BP024554.D	06 May 2025 19:50		RC/JU	Ok,M
17	Q1960-03	72-11933	BP024555.D	06 May 2025 20:31		RC/JU	Ok,M
18	Q1959-01	SOIL-PILE	BP024556.D	06 May 2025 21:12		RC/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP050625

Review By	Rahul	Review On	5/7/2025 10:40:03 AM		
Supervise By	Jagrut	Supervise On	5/7/2025 1:28:26 PM		
SubDirectory	BP050625	HP Acquire Method	BNA_P	HP Processing Method	bp041425
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729				
CCC	SP6725				
Internal Standard/PEM	S12662,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

SOP ID : M1311-TCLP-15

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

Pipette ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 115525

Start Prep Date : 05/01/2025 **Time :** 16:40

End Prep Date : 05/02/2025 **Time :** 10:30

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : *JP*

Supervisor By : *RM*

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

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

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. Particle size reduction is not required. q1935-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
05/02/25 12:00	<i>JP</i> / PCYD AOCM	<i>SIB</i> / RS / EXT
	Preparation Group	Analysis Group

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
PB167815TB	LEB815	19	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q1865-08	SOM-25-00051	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1916-04	WC-12	02	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1917-04	MH-JJ	03	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1922-04	MH-R	04	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q1922-08	MH-S	05	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q1925-01	AUD-25-0068	06	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q1925-02	AUD-25-0069	07	100.01	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1925-03	AUD-25-0070	08	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q1928-04	MH-Q	09	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1929-03	WC-AA-02-C	10	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q1929-07	WC-AA-03-C	11	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-2
Q1929-11	WC-AA-04-C	12	100.02	2000	N/A	N/A	N/A	12.0	1.0	T-2
Q1932-02	COMP-4	13	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q1932-04	COMP-5	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q1932-06	COMP-6	15	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q1932-08	COMP-7	16	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q1935-04	MH-NN	17	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q1935-08	MH-MM	18	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167815TB	LEB815	N/A	N/A	N/A	N/A	N/A	N/A
Q1865-08	SOM-25-00051	N/A	N/A	N/A	N/A	100	N/A
Q1916-04	WC-12	N/A	N/A	N/A	N/A	100	N/A
Q1917-04	MH-JJ	N/A	N/A	N/A	N/A	100	N/A
Q1922-04	MH-R	N/A	N/A	N/A	N/A	100	N/A
Q1922-08	MH-S	N/A	N/A	N/A	N/A	100	N/A
Q1925-01	AUD-25-0068	N/A	N/A	N/A	N/A	100	N/A
Q1925-02	AUD-25-0069	N/A	N/A	N/A	N/A	100	N/A
Q1925-03	AUD-25-0070	N/A	N/A	N/A	N/A	100	N/A
Q1928-04	MH-Q	N/A	N/A	N/A	N/A	100	N/A
Q1929-03	WC-AA-02-C	N/A	N/A	N/A	N/A	100	N/A
Q1929-07	WC-AA-03-C	N/A	N/A	N/A	N/A	100	N/A
Q1929-11	WC-AA-04-C	N/A	N/A	N/A	N/A	100	N/A
Q1932-02	COMP-4	N/A	N/A	N/A	N/A	100	N/A
Q1932-04	COMP-5	N/A	N/A	N/A	N/A	100	N/A
Q1932-06	COMP-6	N/A	N/A	N/A	N/A	100	N/A
Q1932-08	COMP-7	N/A	N/A	N/A	N/A	100	N/A
Q1935-04	MH-NN	N/A	N/A	N/A	N/A	100	N/A
Q1935-08	MH-MM	N/A	N/A	N/A	N/A	100	N/A

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
PB167815TB	LEB815	N/A	N/A	N/A	N/A	#1	4.94
Q1865-08	SOM-25-00051	5.02	96.5	7.6	2.5	#1	4.94
Q1916-04	WC-12	5.01	96.5	7.6	2.5	#1	4.94
Q1917-04	MH-JJ	5.03	96.5	6.0	2.0	#1	4.94
Q1922-04	MH-R	5.04	96.5	6.0	2.0	#1	4.94
Q1922-08	MH-S	5.03	96.5	5.8	1.5	#1	4.94
Q1925-01	AUD-25-0068	5.02	96.5	9.5	4.0	#1	4.94
Q1925-02	AUD-25-0069	5.01	96.5	9.0	4.0	#1	4.94
Q1925-03	AUD-25-0070	5.02	96.5	9.3	4.0	#1	4.94
Q1928-04	MH-Q	5.02	96.5	6.6	2.5	#1	4.94
Q1929-03	WC-AA-02-C	5.02	96.5	12.5	4.5	#1	4.94
Q1929-07	WC-AA-03-C	5.01	96.5	12.0	4.5	#1	4.94
Q1929-11	WC-AA-04-C	5.03	96.5	12.5	4.5	#1	4.94
Q1932-02	COMP-4	5.03	96.5	8.6	3.5	#1	4.94
Q1932-04	COMP-5	5.04	96.5	8.6	3.5	#1	4.94
Q1932-06	COMP-6	5.03	96.5	8.6	3.5	#1	4.94
Q1932-08	COMP-7	5.02	96.5	9.0	4.0	#1	4.94
Q1935-04	MH-NN	5.01	96.5	6.4	3.0	#1	4.94
Q1935-08	MH-MM	5.02	96.5	5.8	2.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tcip q1928

WorkList ID : 189257

Department : TCLP Extraction

Date : 05-01-2025 11:12:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1865-08	SOM-25-00051	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/23/2025	1311
Q1916-04	WC-12	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/30/2025	1311
Q1917-04	MH-JJ	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/30/2025	1311
Q1922-04	MH-R	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/30/2025	1311
Q1922-08	MH-S	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/30/2025	1311
Q1925-01	AUD-25-0068	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/30/2025	1311
Q1925-02	AUD-25-0069	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/30/2025	1311
Q1925-03	AUD-25-0070	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/30/2025	1311
Q1928-04	MH-Q	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/01/2025	1311
Q1929-03	WC-AA-02-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L41	05/29/2025	1311
Q1929-07	WC-AA-03-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L41	05/30/2025	1311
Q1929-11	WC-AA-04-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L41	05/30/2025	1311
Q1932-02	COMP-4	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/01/2025	1311
Q1932-04	COMP-5	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/01/2025	1311
Q1932-06	COMP-6	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/01/2025	1311
Q1932-08	COMP-7	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/01/2025	1311
Q1935-04	MH-NN	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/01/2025	1311
Q1935-08	MH-MM	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/01/2025	1311

Date/Time 05/01/25 14:30

Raw Sample Received by: SP00001

Raw Sample Relinquished by: Z-C (SW)

Date/Time 05/01/25 17:00

Raw Sample Received by: Z-C (SW)

Raw Sample Relinquished by: SP00001

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

Clean Up SOP #: N/A **Extraction Start Date :** 05/02/2025

Matrix : Water **Extraction Start Time :** 11:10

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 05/02/2025

Balance check: N/A **Filter By:** RS **Extraction End Time :** 16:10

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3880 **Hood ID:** 4,5,6,7 **Supervisor By :** RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
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	E3926
Baked Na2SO4	N/A	EP2607
H2SO4 1:1	N/A	EP2565
10N NaoH	N/A	EP2559
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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

KD Bath ID: WATER BATH-1,2 **Envap ID:** NEVAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/2/25	RS (Ext Lab)	RC/svoc
16:15	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 05/02/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167815TB	PB167815TB	TCLP BNA	100	6	RUPESH	Evelyn	1			SEP-1
PB167847BL	PB167847BL	TCLP BNA	1000	6	RUPESH	Evelyn	1			2
PB167847BS	PB167847BS	TCLP BNA	1000	6	RUPESH	Evelyn	1			3
Q1916-04	WC-12	TCLP BNA	100	6	RUPESH	Evelyn	1	A		4
Q1916-04MS	WC-12MS	TCLP BNA	100	6	RUPESH	Evelyn	1	A		5
Q1916-04MS D	WC-12MSD	TCLP BNA	100	6	RUPESH	Evelyn	1	A		6
Q1917-04	MH-JJ	TCLP BNA	100	6	RUPESH	Evelyn	1	A		7
Q1922-04	MH-R	TCLP BNA	100	6	RUPESH	Evelyn	1	A		8
Q1922-08	MH-S	TCLP BNA	100	6	RUPESH	Evelyn	1	A		9
Q1928-04	MH-Q	TCLP BNA	100	6	RUPESH	Evelyn	1	A		10
Q1929-03	WC-A4-02-C	TCLP BNA	100	6	RUPESH	Evelyn	1	A		11
Q1929-07	WC-A4-03-C	TCLP BNA	100	6	RUPESH	Evelyn	1	A		12
Q1929-11	WC-A4-04-C	TCLP BNA	100	6	RUPESH	Evelyn	1	A		13
Q1932-02	COMP-4	TCLP BNA	100	6	RUPESH	Evelyn	1	A		14
Q1932-04	COMP-5	TCLP BNA	100	6	RUPESH	Evelyn	1	A		15
Q1932-06	COMP-6	TCLP BNA	100	6	RUPESH	Evelyn	1	A		16
Q1932-08	COMP-7	TCLP BNA	100	6	RUPESH	Evelyn	1	A		SEP-1
Q1935-04	MH-NN	TCLP BNA	100	6	RUPESH	Evelyn	1	A		2
Q1935-08	MH-MM	TCLP BNA	100	6	RUPESH	Evelyn	1	A		3

* Extracts relinquished on the same date as received.

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
PB167815TB	LEB815	19	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q1865-08	SOM-25-00051	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1916-04	WC-12	02	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1917-04	MH-JJ	03	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1922-04	MH-R	04	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q1922-08	MH-S	05	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q1925-01	AUD-25-0068	06	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q1925-02	AUD-25-0069	07	100.01	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1925-03	AUD-25-0070	08	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q1928-04	MH-Q	09	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1929-03	WC-AA-02-C	10	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q1929-07	WC-AA-03-C	11	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-2
Q1929-11	WC-AA-04-C	12	100.02	2000	N/A	N/A	N/A	12.0	1.0	T-2
Q1932-02	COMP-4	13	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q1932-04	COMP-5	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q1932-06	COMP-6	15	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q1932-08	COMP-7	16	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q1935-04	MH-NN	17	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q1935-08	MH-MM	18	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2

05/02/25
11:00



SHIPPING DOCUMENTS



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

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1929

COC Number: 2042113

Page 1 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY: Jersey City STATE: NJ ZIP: 07302
ATTENTION: Austin Farmerie
PHONE: 570-886-0442 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

ANALYSIS

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	E	E	E	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	
1.	WC-A4-02-G	Soil		X	4/29	12:00	1									
2.	WC-A4-02-C	Soil	X		4/29	12:00	11	X	X	X	X	X	X	X	X	
3.	WC-A1-03-G	Soil		X	4/30	12:00	1									
4.	WC-A1-03-C	Soil	X		4/30	12:00	11	X	X	X	X	X	X	X	X	
5.	WC-A1-04-G	Soil		X	4/30	12:00	1									
6.	WC-A1-04-C	Soil	X		4/30	12:00	11	X	X	X	X	X	X	X	X	
7.																
8.																
9.																
10.																

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

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 5/1 12:00	RECEIVED BY 	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 5.3°C ☐ Ice in Cooler? y
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY	Comments: Adjust factor H in gun #1
RELINQUISHED BY 3.	DATE/TIME 5/1/25 12:00	RECEIVED FOR LAB BY	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



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

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1929

COC Number: 2042113

Page 2 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY Jersey City STATE: NJ ZIP: 07302
ATTENTION: Austin Farmerie
PHONE: 570-886-0442 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: 3 DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

ASTM COD	ASTM Ammonia-Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH	Paint Filter		
10	11	12	13	14	15	16		

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	E	E			<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	WC-A4-02-G	Soil		X	4/29	12:00	1										
2.	WC-A4-02-C	Soil	X		4/29	12:00	11	X	X	X	X	X	X	X			
3.	WC-A1-03-G	Soil		X	4/30	12:00	1										
4.	WC-A1-03-C	Soil	X		4/30	12:00	11	X	X	X	X	X	X	X			
5.	WC-A1-04-G	Soil		X	4/30	12:00	1										
6.	WC-A1-04-C	Soil	X		4/30	12:00	11	X	X	X	X	X	X	X			
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 5/1/25 1030	RECEIVED BY 1. [Signature] 12:50	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 5.3°C ☐ Ice in Cooler? y
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	Comments: Adjust factor +1 for new #1
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight Page _____ of _____
			Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

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