

Cover Page

Order ID : Q1907

Project ID : Walsh CO-032 Sampling

Client : Walsh Construction Company II, LLC

Lab Sample Number

Q1907-01
Q1907-02

Client Sample Number

CO-8R-WC
CO-8R-WC

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: 5/7/2025

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 #: Q1907

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: PRADIP PRAJAPATI

Date: 05/07/2025

LAB CHRONICLE

OrderID:	Q1907	OrderDate:	4/28/2025 4:13:00 PM
Client:	Walsh Construction Company II, LLC	Project:	Walsh CO-032 Sampling
Contact:	Jesse A. Sylvestri	Location:	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1907-02	CO-8R-WC	TCLP			04/28/25			04/28/25
			TCLP BNA	8270E		04/30/25	05/02/25	
Q1907-02RE	CO-8R-WCRE	TCLP			04/28/25			04/28/25
			TCLP BNA	8270E		04/30/25	05/05/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q1907
Client: Walsh Construction Company II, LLC

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.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167774TB	PB167774TB	2-Fluorophenol	150	116	78		10	139
		Phenol-d6	150	116	77		10	134
		Nitrobenzene-d5	100	87.3	87		49	133
		2-Fluorobiphenyl	100	72.1	72		52	132
		2,4,6-Tribromophenol	150	131	87		44	137
		Terphenyl-d14	100	67.9	68		48	125
PB167810BL	PB167810BL	2-Fluorophenol	150	110	73		10	139
		Phenol-d6	150	109	73		10	134
		Nitrobenzene-d5	100	83.3	83		49	133
		2-Fluorobiphenyl	100	69.1	69		52	132
		2,4,6-Tribromophenol	150	124	83		44	137
		Terphenyl-d14	100	63.3	63		48	125
PB167810BS	PB167810BS	2-Fluorophenol	150	111	74		10	139
		Phenol-d6	150	113	75		10	134
		Nitrobenzene-d5	100	82.4	82		49	133
		2-Fluorobiphenyl	100	68.5	69		52	132
		2,4,6-Tribromophenol	150	132	88		44	137
		Terphenyl-d14	100	74.1	74		48	125
Q1901-08MS	B-167-SB01MS	2-Fluorophenol	150	96.6	64		10	139
		Phenol-d6	150	89.8	60		10	134
		Nitrobenzene-d5	100	84.0	84		49	133
		2-Fluorobiphenyl	100	70.7	71		52	132
		2,4,6-Tribromophenol	150	126	84		44	137
		Terphenyl-d14	100	70.4	70		48	125
Q1901-08MSD	B-167-SB01MSD	2-Fluorophenol	150	99.4	66		10	139
		Phenol-d6	150	92.8	62		10	134
		Nitrobenzene-d5	100	87.8	88		49	133
		2-Fluorobiphenyl	100	72.3	72		52	132
		2,4,6-Tribromophenol	150	133	88		44	137
		Terphenyl-d14	100	72.8	73		48	125
Q1907-02	CO-8R-WC	2-Fluorophenol	150	94.6	63		10	139
		Phenol-d6	150	33.9	23		10	134
		Nitrobenzene-d5	100	91.6	92		49	133
		2-Fluorobiphenyl	100	253	253	*	52	132
		2,4,6-Tribromophenol	150	483	322	*	44	137
		Terphenyl-d14	100	419	419	*	48	125
Q1907-02RE	CO-8R-WCRE	2-Fluorophenol	150	109	73		10	139
		Phenol-d6	150	21.9	15		10	134
		Nitrobenzene-d5	100	102	102		49	133
		2-Fluorobiphenyl	100	519	519	*	52	132
		2,4,6-Tribromophenol	150	929	619	*	44	137
		Terphenyl-d14	100	3610	3613	*	48	125

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1901-08MS	Client Sample ID:	B-167-SB01MS					DataFile:	BF142277.D		
Pyridine	500	24.1	270	ug/L	49				10	109	
1,4-Dichlorobenzene	500	0	340	ug/L	68				55	125	
2-Methylphenol	500	0	360	ug/L	72				60	131	
3+4-Methylphenols	500	0	360	ug/L	72				54	136	
Hexachloroethane	500	0	350	ug/L	70				19	146	
Nitrobenzene	500	0	440	ug/L	88				62	112	
Hexachlorobutadiene	500	0	380	ug/L	76				52	125	
2,4,6-Trichlorophenol	500	0	470	ug/L	94				78	112	
2,4,5-Trichlorophenol	500	0	460	ug/L	92				71	111	
2,4-Dinitrotoluene	500	0	500	ug/L	100				74	137	
Hexachlorobenzene	500	0	440	ug/L	88				72	115	
Pentachlorophenol	1000	0	940	ug/L	94				52	162	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1901-08MSD	Client Sample ID:	B-167-SB01MSD					DataFile:	BF142278.D		
Pyridine	500	24.1	280	ug/L	51		4		10	109	20
1,4-Dichlorobenzene	500	0	340	ug/L	68		0		55	125	20
2-Methylphenol	500	0	370	ug/L	74		3		60	131	20
3+4-Methylphenols	500	0	370	ug/L	74		3		54	136	20
Hexachloroethane	500	0	370	ug/L	74		6		19	146	20
Nitrobenzene	500	0	460	ug/L	92		4		62	112	20
Hexachlorobutadiene	500	0	390	ug/L	78		3		52	125	20
2,4,6-Trichlorophenol	500	0	480	ug/L	96		2		78	112	20
2,4,5-Trichlorophenol	500	0	470	ug/L	94		2		71	111	20
2,4-Dinitrotoluene	500	0	530	ug/L	106		6		74	137	20
Hexachlorobenzene	500	0	450	ug/L	90		2		72	115	20
Pentachlorophenol	1000	0	970	ug/L	97		3		52	162	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: 8270E DataFile: BF142255.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB167810BS	Pyridine	50	37.2	ug/L	74				29	97	
	1,4-Dichlorobenzene	50	39.6	ug/L	79				76	103	
	2-Methylphenol	50	41.0	ug/L	82				69	109	
	3+4-Methylphenols	50	40.8	ug/L	82				67	106	
	Hexachloroethane	50	41.8	ug/L	84				76	118	
	Nitrobenzene	50	45.8	ug/L	92				58	106	
	Hexachlorobutadiene	50	41.5	ug/L	83				69	101	
	2,4,6-Trichlorophenol	50	43.4	ug/L	87				61	110	
	2,4,5-Trichlorophenol	50	44.9	ug/L	90				70	106	
	2,4-Dinitrotoluene	50	49.8	ug/L	100				60	115	
	Hexachlorobenzene	50	41.6	ug/L	83				73	106	
	Pentachlorophenol	100	93.4	ug/L	93				47	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167810BL

Lab Name: CHEMTECH

Contract: WALS01

Lab Code: CHEM Case No.: Q1907

SAS No.: Q1907 SDG NO.: Q1907

Lab File ID: BF142254.D

Lab Sample ID: PB167810BL

Instrument ID: BNA_F

Date Extracted: 04/30/2025

Matrix: (soil/water) water

Date Analyzed: 05/01/2025

Level: (low/med) LOW

Time Analyzed: 12:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167810BS	PB167810BS	BF142255.D	05/01/2025
B-167-SB01MS	Q1901-08MS	BF142277.D	05/02/2025
B-167-SB01MSD	Q1901-08MSD	BF142278.D	05/02/2025
CO-8R-WC	Q1907-02	BF142282.D	05/02/2025
PB167774TB	PB167774TB	BF142256.D	05/01/2025

COMMENTS: _____



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: WALS01Lab Code: CHEMSAS No.: Q1907 SDG NO.: Q1907Lab 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



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: WALS01Lab Code: CHEMSAS No.: Q1907 SDG NO.: Q1907Lab File ID: BF142249.DDFTPP Injection Date: 05/01/2025Instrument ID: BNA_FDFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.4
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
275	10.0 - 60.0% of mass 198	23.8
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142250.D	05/01/2025	10:17
PB167810BL	PB167810BL	BF142254.D	05/01/2025	12:10
PB167810BS	PB167810BS	BF142255.D	05/01/2025	12:39
PB167774TB	PB167774TB	BF142256.D	05/01/2025	13:07



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: WALS01Lab Code: CHEMSAS No.: Q1907 SDG NO.: Q1907Lab 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
B-167-SB01MS	Q1901-08MS	BF142277.D	05/02/2025	12:27
B-167-SB01MSD	Q1901-08MSD	BF142278.D	05/02/2025	12:55
CO-8R-WC	Q1907-02	BF142282.D	05/02/2025	14:51



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: WALS01Lab Code: CHEMSAS No.: Q1907 SDG NO.: Q1907Lab 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: WALS01Lab Code: CHEMSAS No.: Q1907 SDG NO.: Q1907Lab 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
CO-8R-WCRE	Q1907-02RE	BP024530.D	05/05/2025	18:07

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

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	186578	6.91	719586	8.19	381198	9.95
UPPER LIMIT	373156	7.41	1439170	8.692	762396	10.445
LOWER LIMIT	93289	6.41	359793	7.692	190599	9.445
EPA SAMPLE NO.						
01 PB167774TB	217516	6.90	839699	8.19	443070	9.95
02 PB167810BL	223997	6.90	857825	8.19	449926	9.95
03 PB167810BS	228833	6.91	892782	8.19	472284	9.95

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.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

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	647816	11.433	384442	14.074	349272	15.562
UPPER LIMIT	1295630	11.933	768884	14.574	698544	16.062
LOWER LIMIT	323908	10.933	192221	13.574	174636	15.062
EPA SAMPLE NO.						
01 PB167774TB	773002	11.43	539235	14.07	394051	15.56
02 PB167810BL	794711	11.43	568207	14.07	404816	15.56
03 PB167810BS	804874	11.43	464382	14.07	446826	15.57

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.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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 B-167-SB01MS	212656	6.91	808361	8.19	402059	9.95
02 B-167-SB01MSD	217028	6.91	832936	8.19	419407	9.95
03 CO-8R-WC	204938	6.90	707266	8.19	110377 *	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.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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 B-167-SB01MS	629997	11.43	370460	14.07	379220	15.56
02 B-167-SB01MSD	684254	11.43	400079	14.07	401381	15.56
03 CO-8R-WC	263917 *	11.43	22813 *	14.06	209 *	15.56

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.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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 CO-8R-WCRE	148721	7.71	499099	10.48	59227 *	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.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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 CO-8R-WCRE	199964 *	17.15	4032 *	21.59	86 *	24.94

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:	Walsh Construction Company II, LLC	Date Collected:	04/30/25
Project:	Walsh CO-032 Sampling	Date Received:	04/30/25
Client Sample ID:	PB167774TB	SDG No.:	Q1907
Lab Sample ID:	PB167774TB	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
BF142256.D	1	04/30/25 13:15	05/01/25 13:07	PB167810

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	116		10 - 139	78%	SPK: 150
13127-88-3	Phenol-d6	116		10 - 134	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.3		49 - 133	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.1		52 - 132	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		44 - 137	87%	SPK: 150
1718-51-0	Terphenyl-d14	67.9		48 - 125	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	218000		6.904		
1146-65-2	Naphthalene-d8	840000		8.186		
15067-26-2	Acenaphthene-d10	443000		9.945		
1517-22-2	Phenanthrene-d10	773000		11.427		
1719-03-5	Chrysene-d12	539000		14.068		
1520-96-3	Perylene-d12	394000		15.562		

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/30/25
Project:	Walsh CO-032 Sampling	Date Received:	04/30/25
Client Sample ID:	PB167774TB	SDG No.:	Q1907
Lab Sample ID:	PB167774TB	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
BF142256.D	1	04/30/25 13:15	05/01/25 13:07	PB167810

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\BF050125\
Data File : BF142256.D
Acq On : 01 May 2025 13:07
Operator : RC/JU
Sample : PB167774TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167774TB

Quant Time: May 01 13:35:51 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	217516	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	839699	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	443070	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	773002	20.000	ng	0.00
76) Chrysene-d12	14.068	240	539235	20.000	ng	0.00
86) Perylene-d12	15.562	264	394051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1585580	116.418	ng	0.01
7) Phenol-d6	6.522	99	1907914	116.005	ng	0.00
23) Nitrobenzene-d5	7.469	82	1116409	87.347	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	529459	131.080	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2264475	72.061	ng	0.00
79) Terphenyl-d14	13.021	244	2518381	67.925	ng	0.00

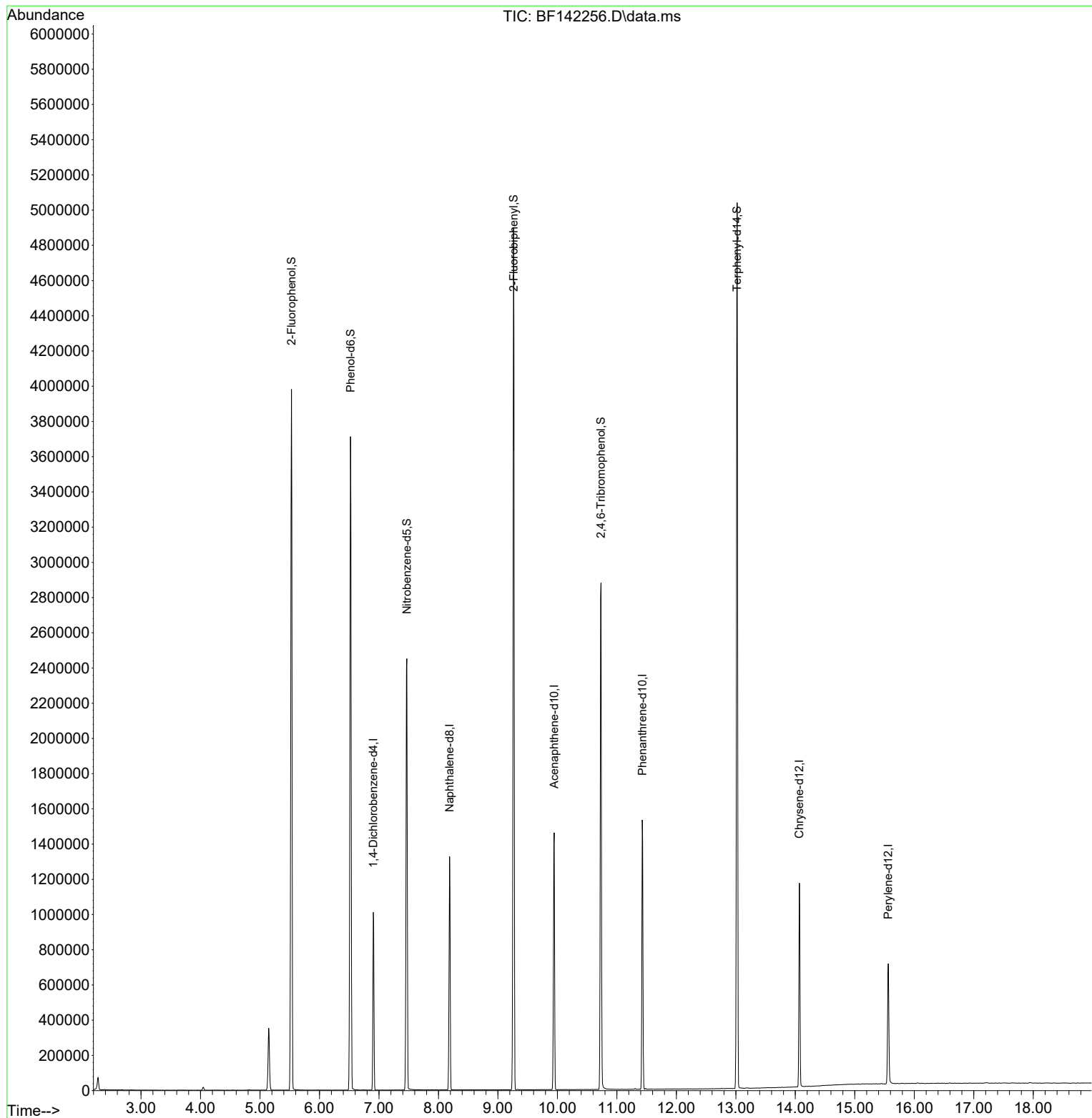
Target Compounds	Qvalue

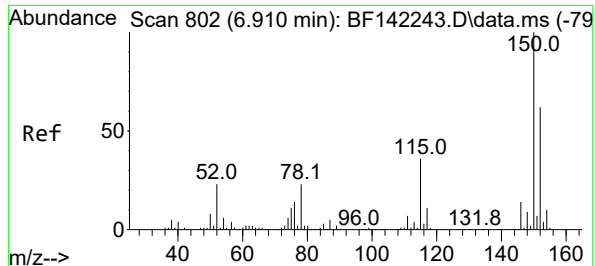
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142256.D
Acq On : 01 May 2025 13:07
Operator : RC/JU
Sample : PB167774TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167774TB

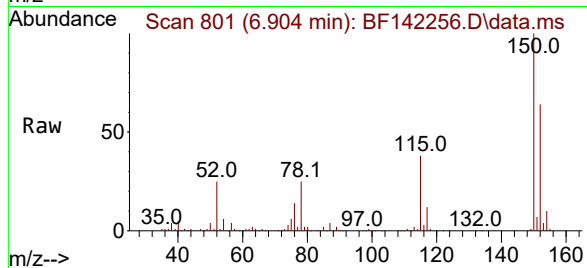
Quant Time: May 01 13:35:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



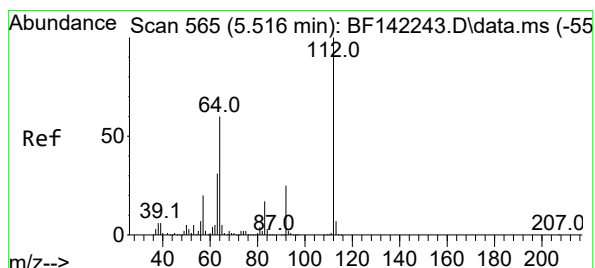
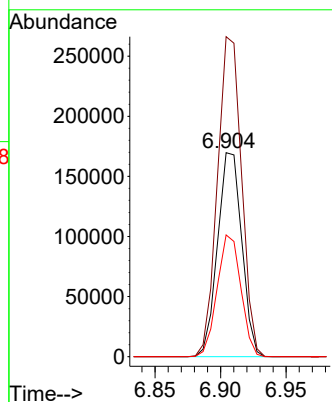
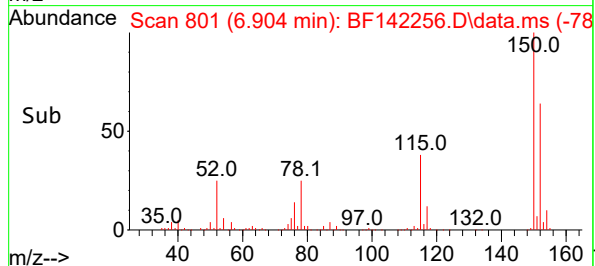


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB167774TB

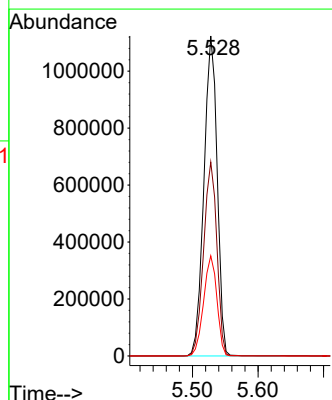
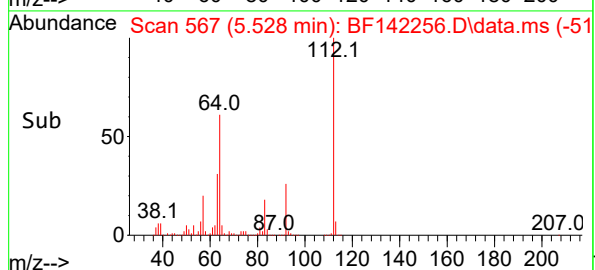
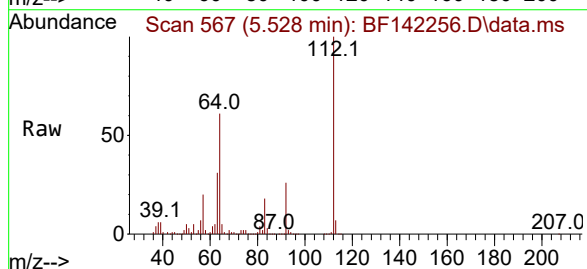


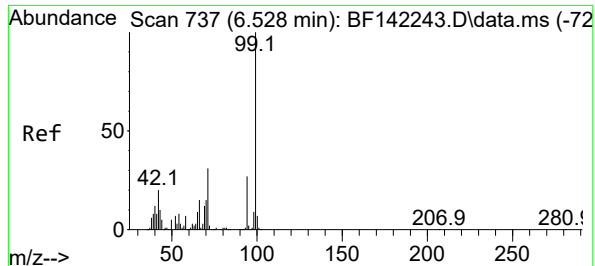
Tgt Ion:152 Resp: 217516
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 59.7 47.0 70.4



#5
2-Fluorophenol
Concen: 116.418 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Tgt Ion:112 Resp: 1585580
Ion Ratio Lower Upper
112 100
64 60.6 48.4 72.6
63 31.3 24.8 37.2

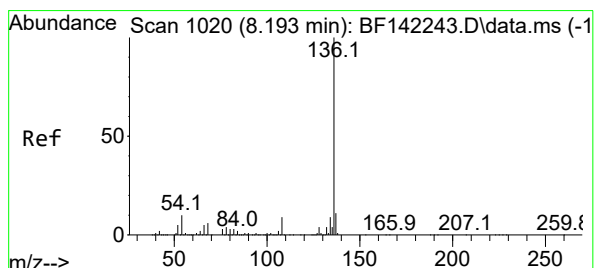
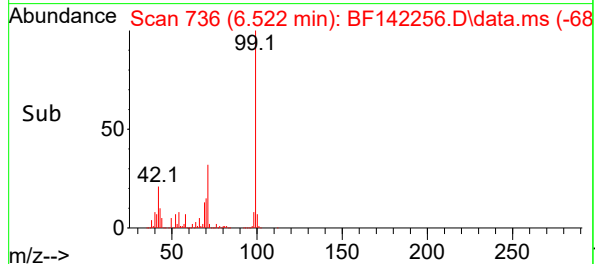
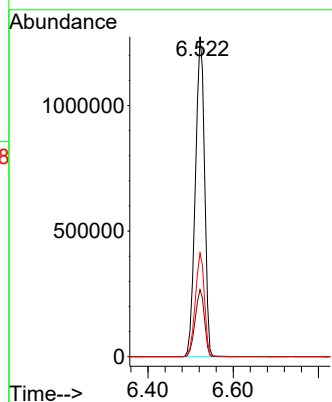
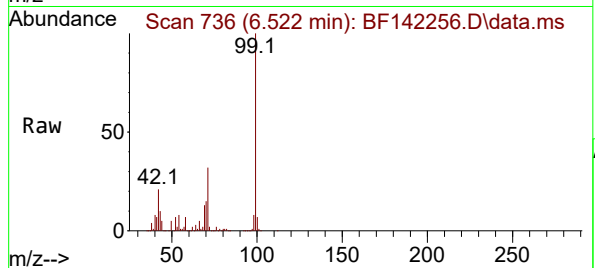




#7
Phenol-d6
Concen: 116.005 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

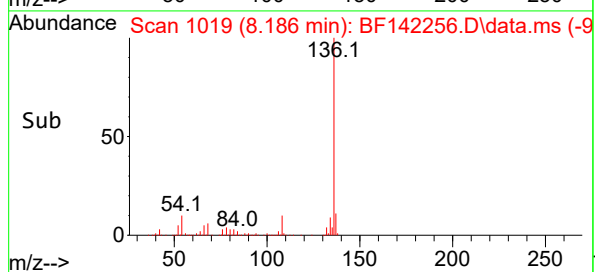
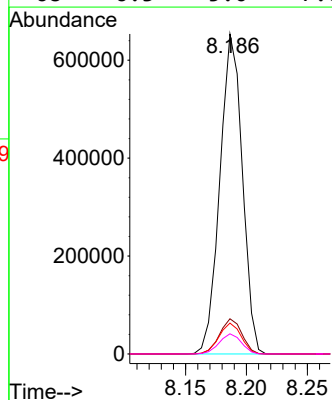
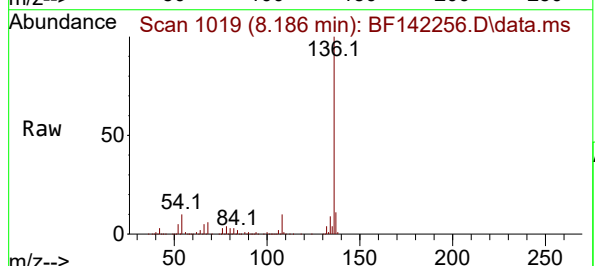
Instrument :
BNA_F
ClientSampleId :
PB167774TB

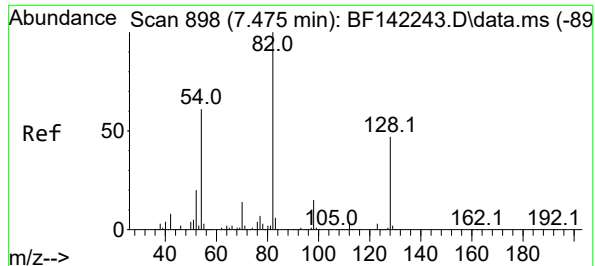
Tgt Ion: 99 Resp: 1907914
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.3 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Tgt Ion: 136 Resp: 839699
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.7 7.7 11.5
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.347 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB

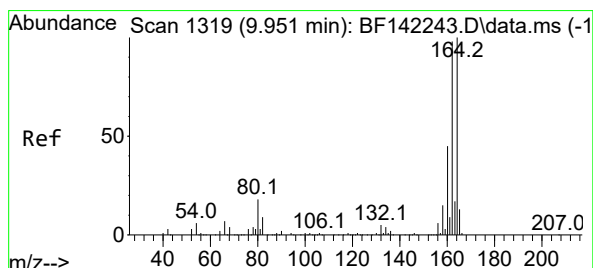
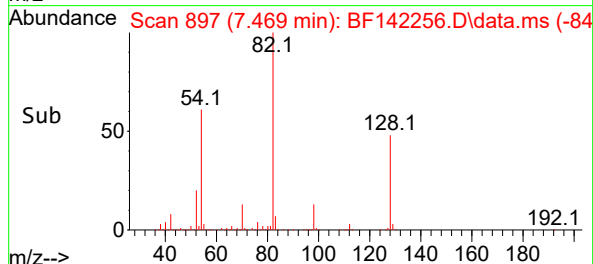
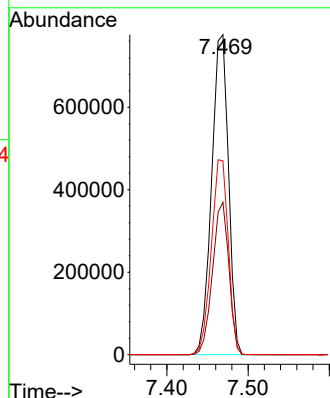
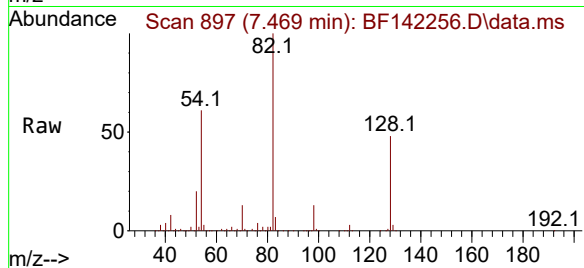
Tgt Ion: 82 Resp: 1116409

Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.6

54 60.6 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

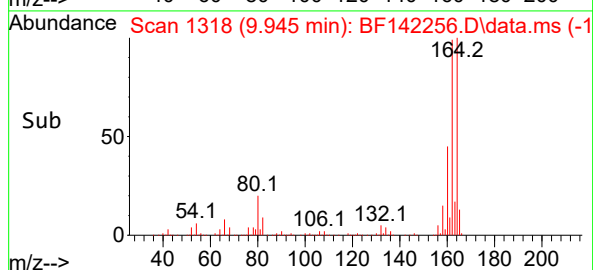
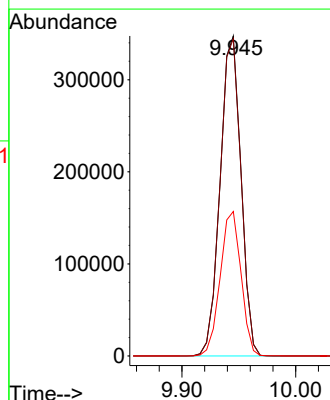
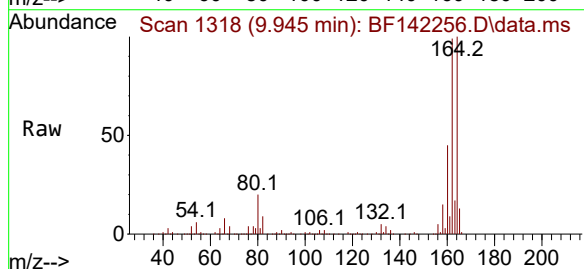
Tgt Ion:164 Resp: 443070

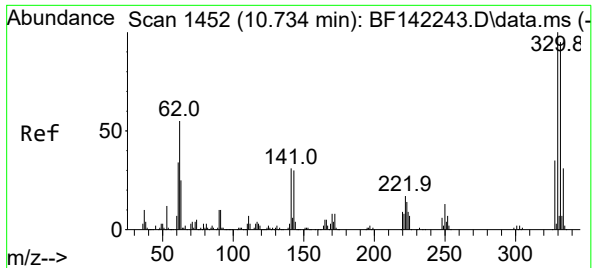
Ion Ratio Lower Upper

164 100

162 99.1 78.6 117.8

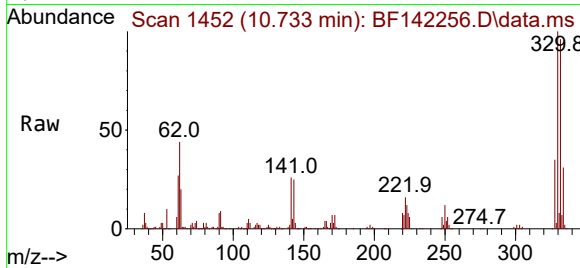
160 45.2 35.7 53.5



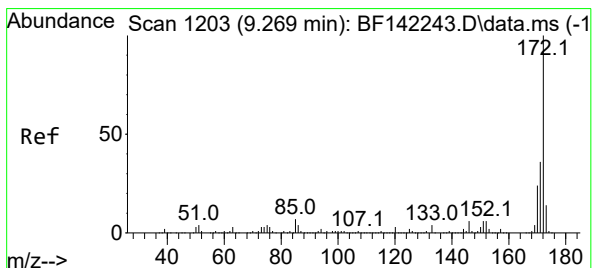
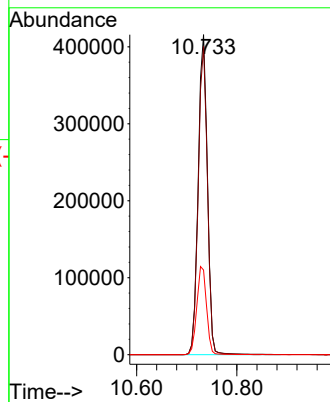
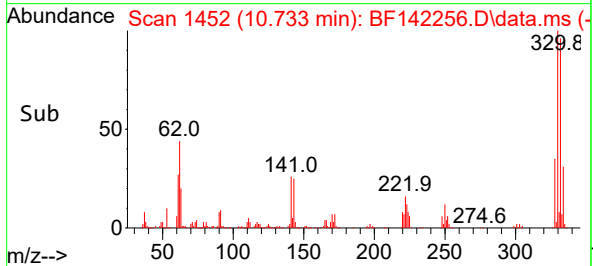


#42
2,4,6-Tribromophenol
Concen: 131.080 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB167774TB

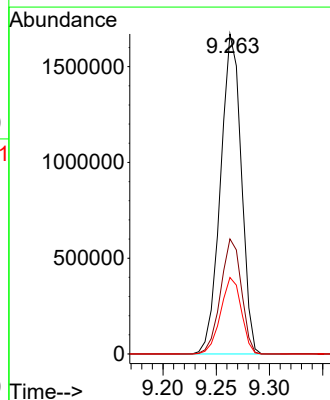
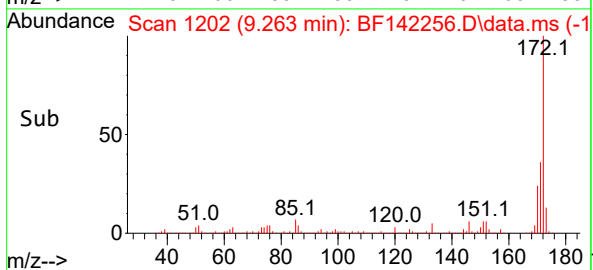
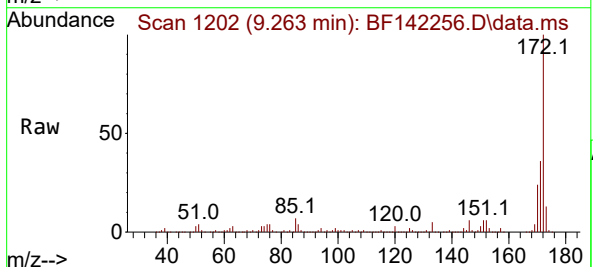


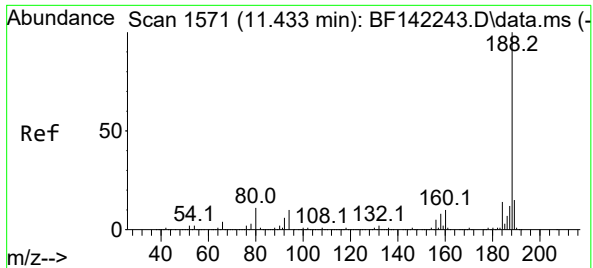
Tgt Ion: 330 Resp: 529459
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 29.1 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 72.061 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Tgt Ion: 172 Resp: 2264475
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.9 19.4 29.0

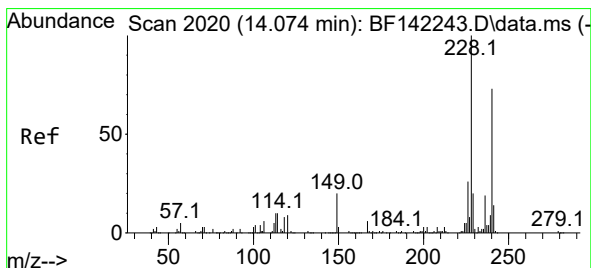
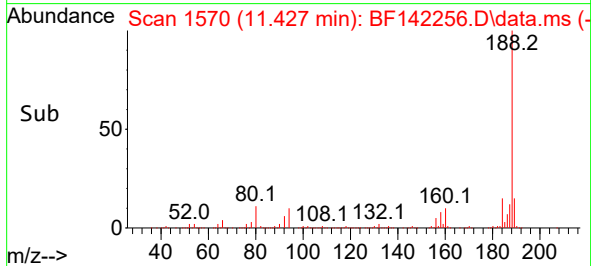
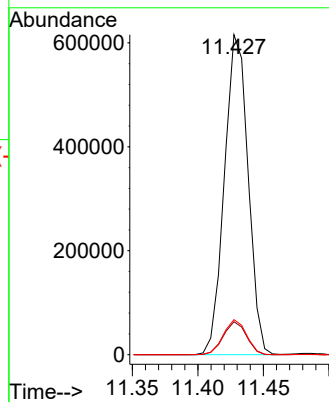
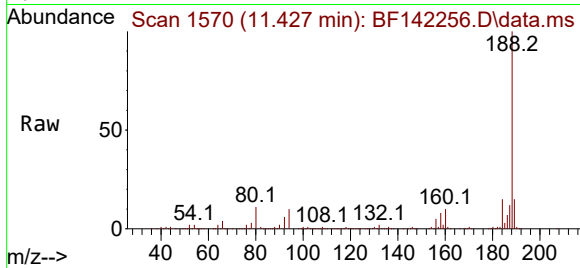




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

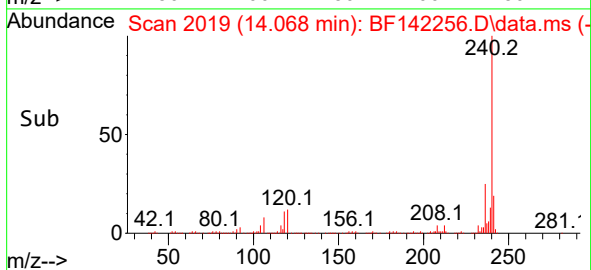
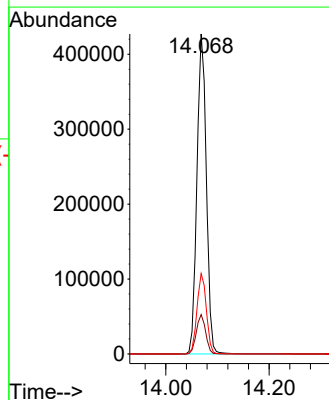
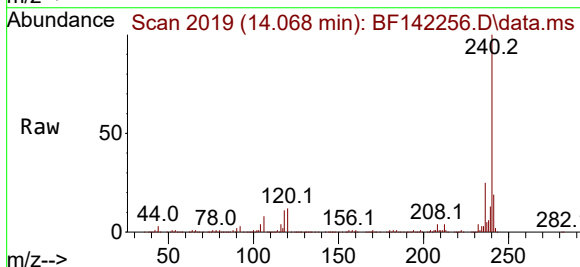
Instrument :
BNA_F
ClientSampleId :
PB167774TB

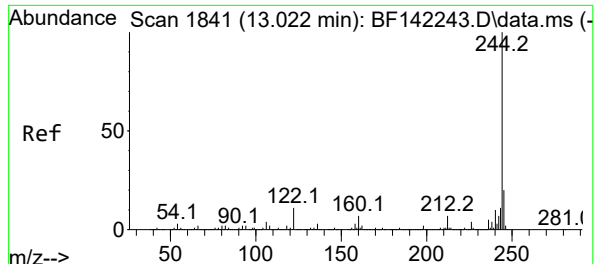
Tgt Ion:188 Resp: 773002
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Tgt Ion:240 Resp: 539235
Ion Ratio Lower Upper
240 100
120 12.3 10.1 15.1
236 25.1 20.5 30.7





#79

Terphenyl-d14

Concen: 67.925 ng

RT: 13.021 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB

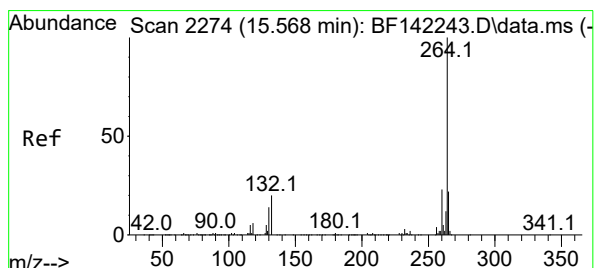
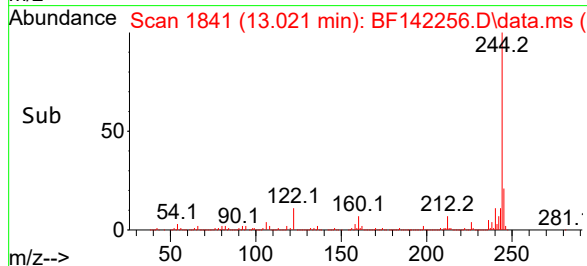
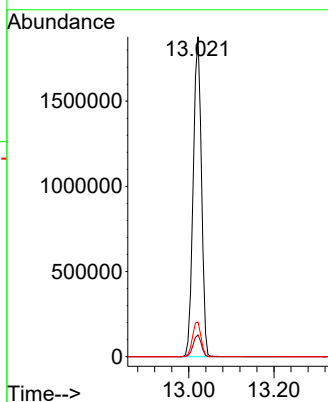
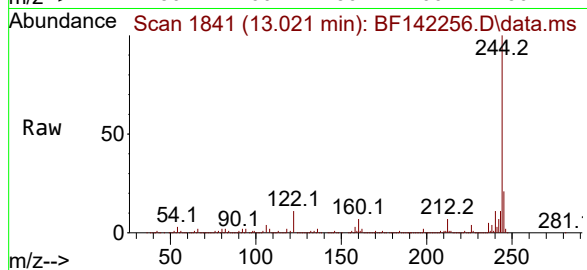
Tgt Ion:244 Resp: 2518381

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 10.9 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

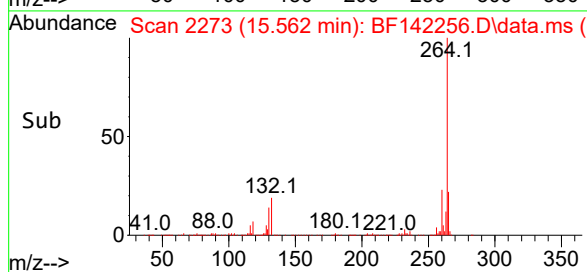
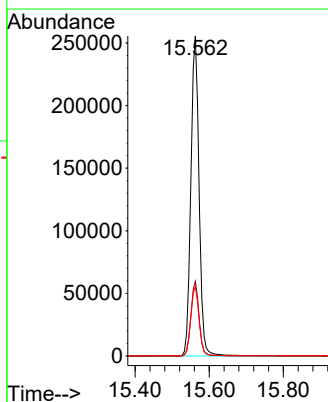
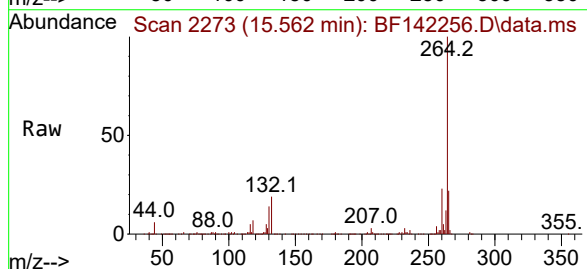
Tgt Ion:264 Resp: 394051

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.6 17.3 25.9



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/28/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	CO-8R-WC	SDG No.:	Q1907
Lab Sample ID:	Q1907-02	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
BF142282.D	1	04/30/25 13:15	05/02/25 14:51	PB167810

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	94.6		10 - 139	63%	SPK: 150
13127-88-3	Phenol-d6	33.9		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.6		49 - 133	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	253	*	52 - 132	253%	SPK: 100
118-79-6	2,4,6-Tribromophenol	483	*	44 - 137	322%	SPK: 150
1718-51-0	Terphenyl-d14	419	*	48 - 125	419%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	205000		6.904		
1146-65-2	Naphthalene-d8	707000		8.186		
15067-26-2	Acenaphthene-d10	110000		9.939		
1517-22-2	Phenanthrene-d10	264000		11.427		
1719-03-5	Chrysene-d12	22800		14.063		
1520-96-3	Perylene-d12	209		15.557		

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/28/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	CO-8R-WC	SDG No.:	Q1907
Lab Sample ID:	Q1907-02	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
BF142282.D	1	04/30/25 13:15	05/02/25 14:51	PB167810

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 : BF142282.D
Acq On : 02 May 2025 14:51
Operator : RC/JU
Sample : Q1907-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-8R-WC

Quant Time: May 02 15:54:39 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	204938	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	707266	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	110377	20.000	ng	#-0.01
64) Phenanthrene-d10	11.427	188	263917	20.000	ng	0.00
76) Chrysene-d12	14.063	240	22813	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	209	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1214358	94.634	ng	0.01
7) Phenol-d6	6.516	99	525562	33.916	ng	-0.01
23) Nitrobenzene-d5	7.463	82	986198	91.607	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	485793	482.781	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1981223	253.083	ng	0.00
79) Terphenyl-d14	13.016	244	656943	418.824	ng	0.00

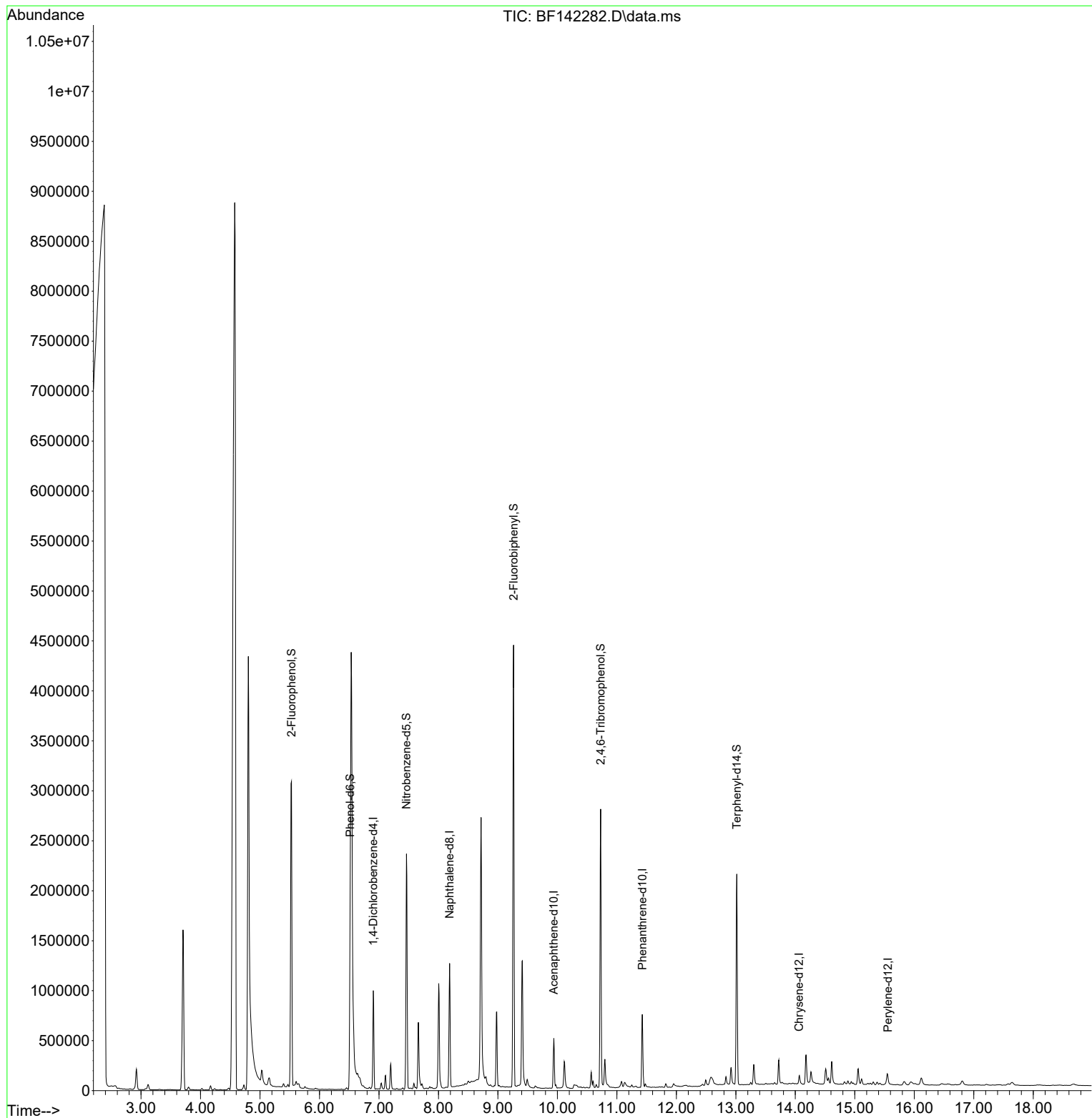
Target Compounds	Qvalue

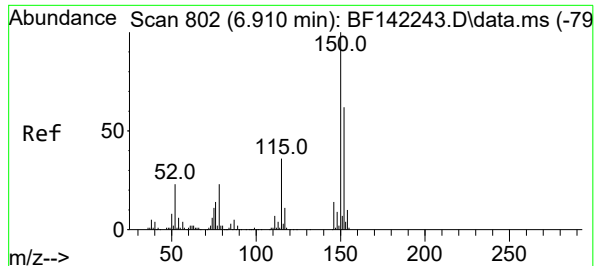
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142282.D
Acq On : 02 May 2025 14:51
Operator : RC/JU
Sample : Q1907-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-8R-WC

Quant Time: May 02 15:54:39 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

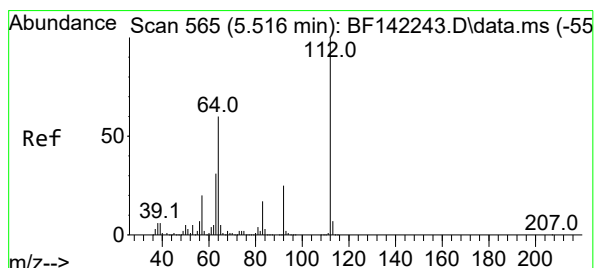
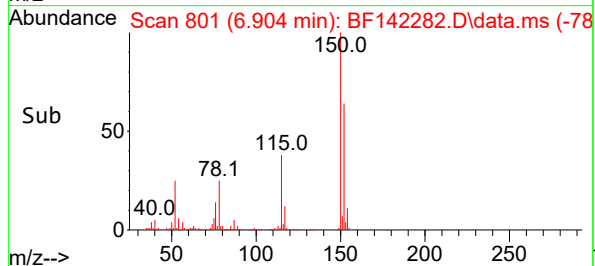
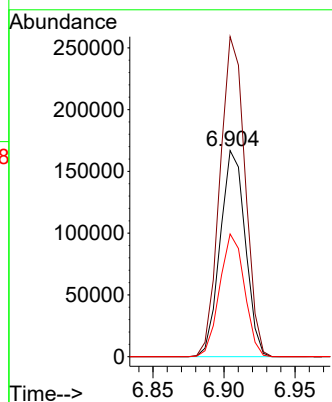
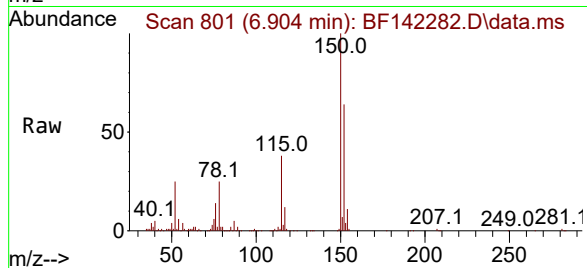




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142282.D
Acq: 02 May 2025 14:51

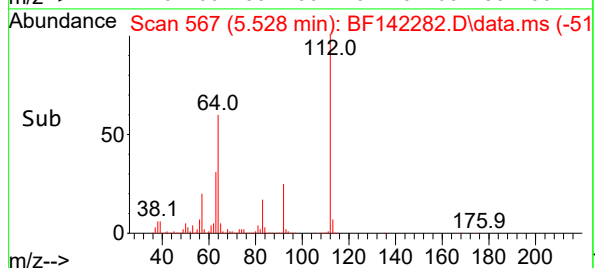
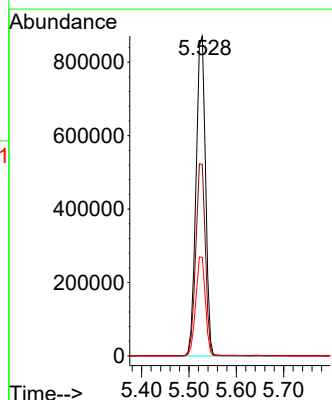
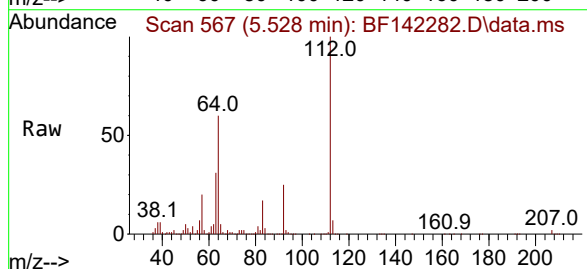
Instrument :
BNA_F
ClientSampleId :
CO-8R-WC

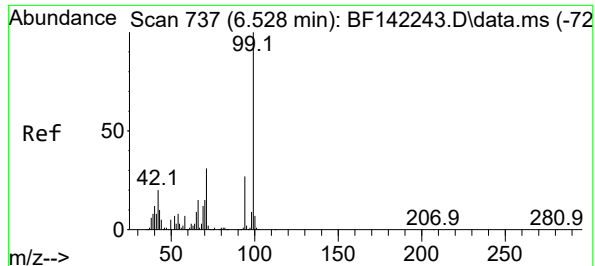
Tgt Ion:152 Resp: 204938
Ion Ratio Lower Upper
152 100
150 155.3 130.2 195.2
115 59.6 47.0 70.4



#5
2-Fluorophenol
Concen: 94.634 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142282.D
Acq: 02 May 2025 14:51

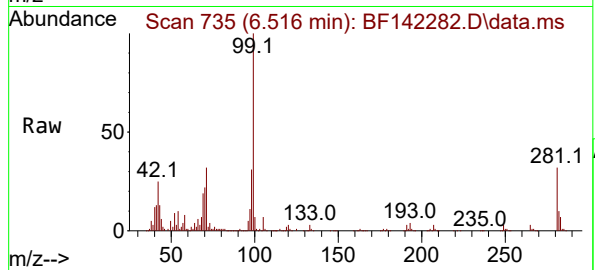
Tgt Ion:112 Resp: 1214358
Ion Ratio Lower Upper
112 100
64 59.8 48.4 72.6
63 30.8 24.8 37.2



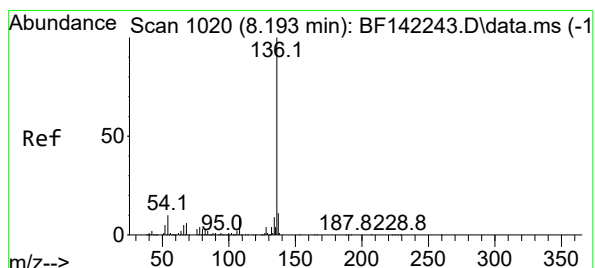
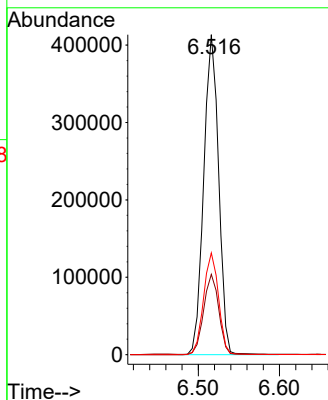
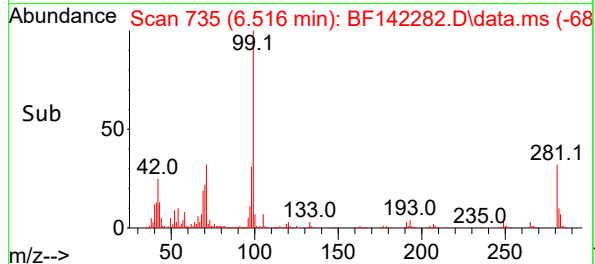


#7
Phenol-d6
Concen: 33.916 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142282.D
Acq: 02 May 2025 14:51

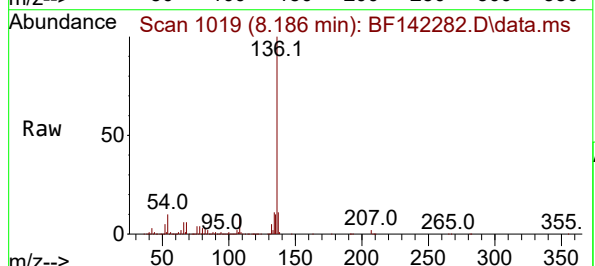
Instrument :
BNA_F
ClientSampleId :
CO-8R-WC



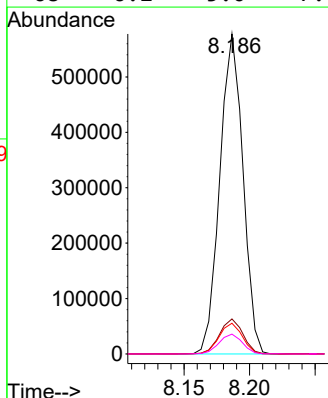
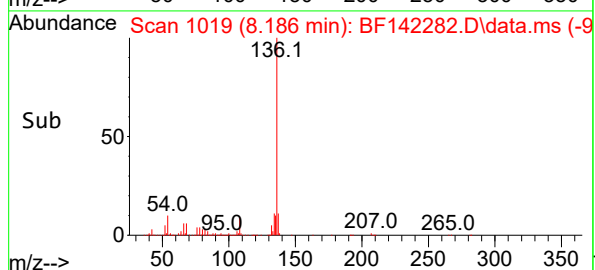
Tgt Ion: 99 Resp: 525562
Ion Ratio Lower Upper
99 100
42 25.1 16.3 24.5#
71 31.8 25.0 37.4

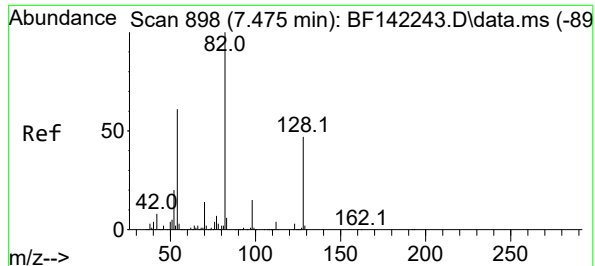


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142282.D
Acq: 02 May 2025 14:51



Tgt Ion: 136 Resp: 707266
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.6 7.7 11.5
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 91.607 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142282.D

Acq: 02 May 2025 14:51

Instrument :

BNA_F

ClientSampleId :

CO-8R-WC

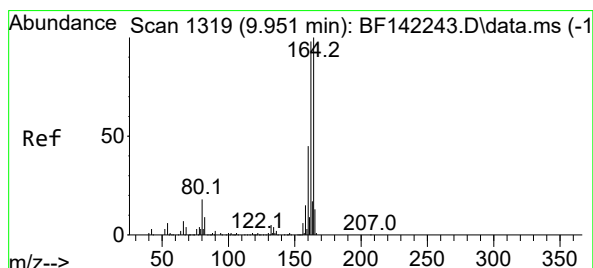
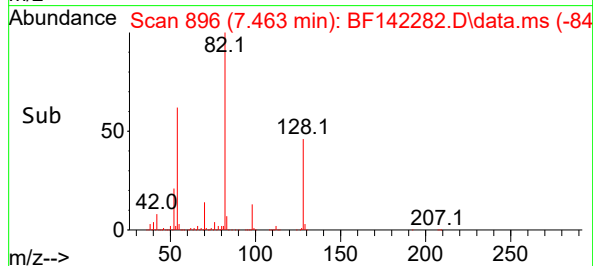
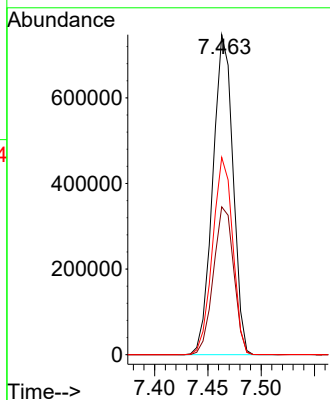
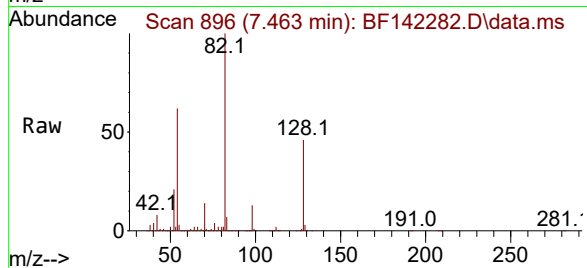
Tgt Ion: 82 Resp: 986198

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.6

54 61.7 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142282.D

Acq: 02 May 2025 14:51

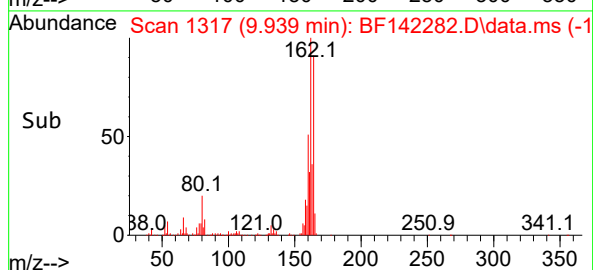
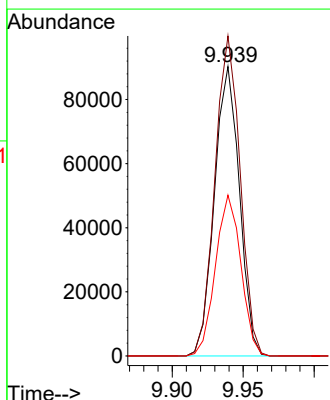
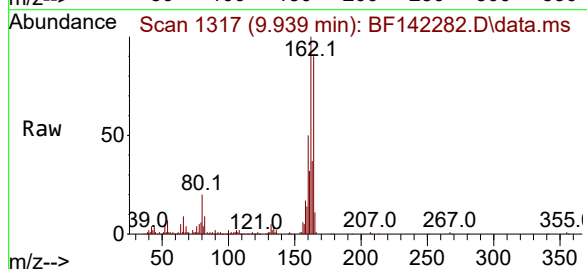
Tgt Ion: 164 Resp: 110377

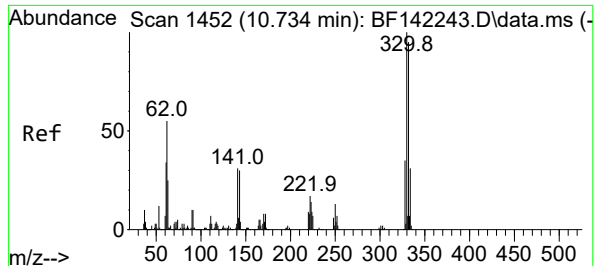
Ion Ratio Lower Upper

164 100

162 110.5 78.6 117.8

160 55.5 35.7 53.5#





#42

2,4,6-Tribromophenol

Concen: 482.781 ng

RT: 10.727 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142282.D

Acq: 02 May 2025 14:51

Instrument :

BNA_F

ClientSampleId :

CO-8R-WC

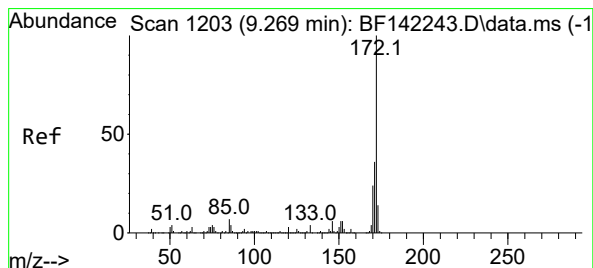
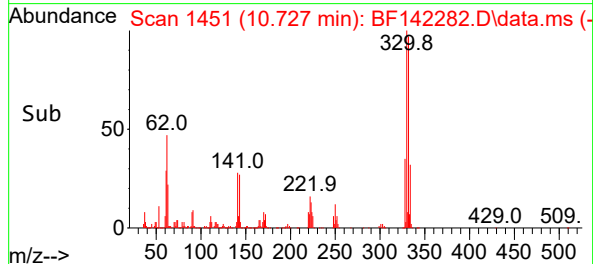
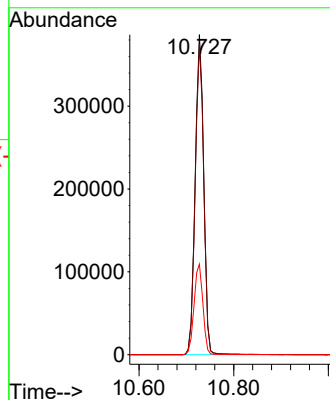
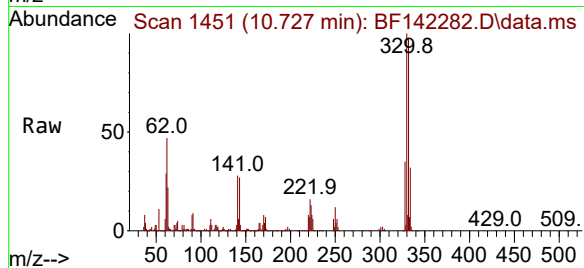
Tgt Ion:330 Resp: 485793

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

141 29.3 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 253.083 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142282.D

Acq: 02 May 2025 14:51

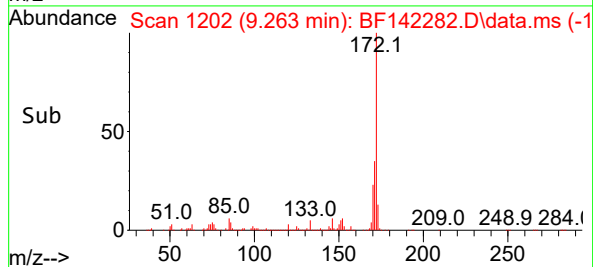
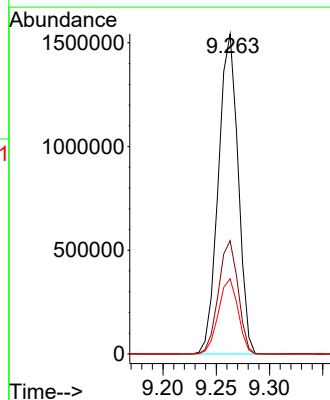
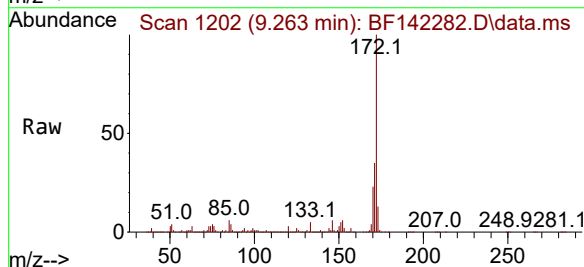
Tgt Ion:172 Resp: 1981223

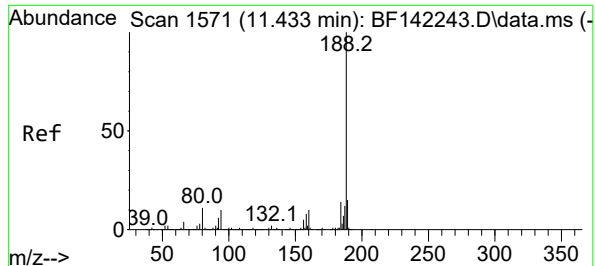
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

170 23.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142282.D

Acq: 02 May 2025 14:51

Instrument :

BNA_F

ClientSampleId :

CO-8R-WC

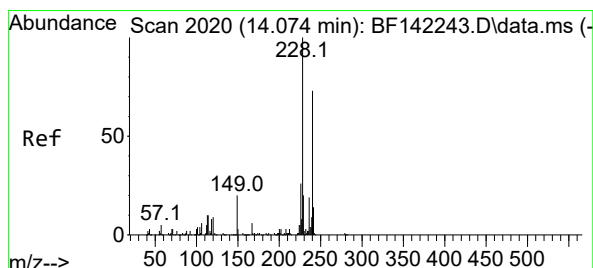
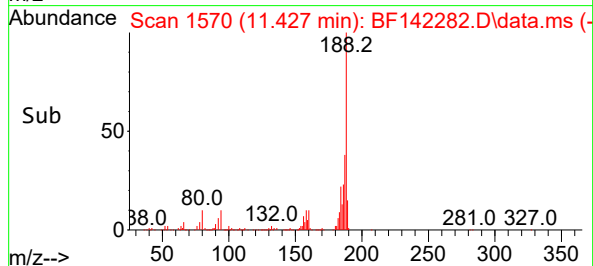
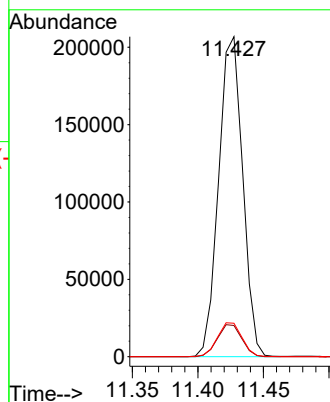
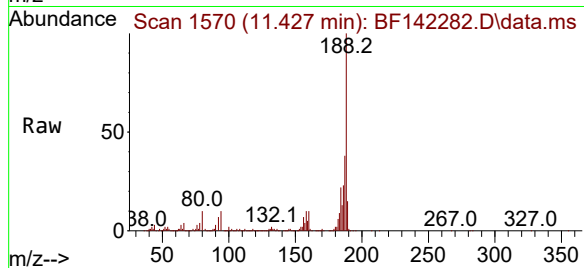
Tgt Ion:188 Resp: 263917

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 10.5 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF142282.D

Acq: 02 May 2025 14:51

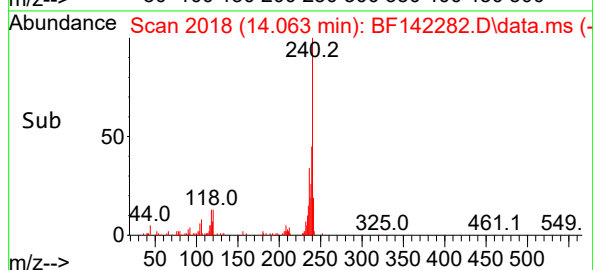
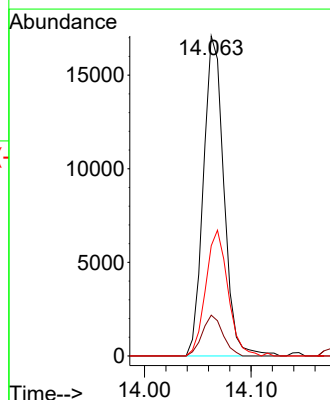
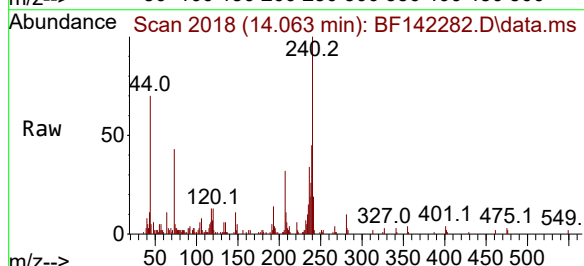
Tgt Ion:240 Resp: 22813

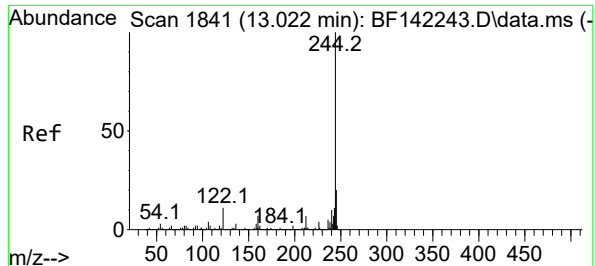
Ion Ratio Lower Upper

240 100

120 12.7 10.1 15.1

236 34.4 20.5 30.7#

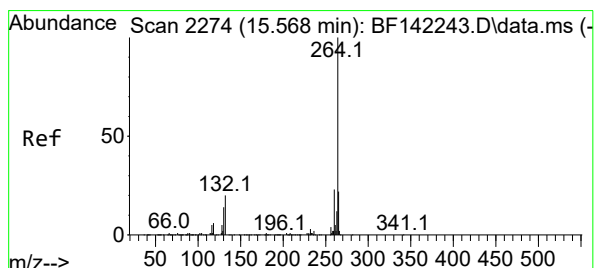
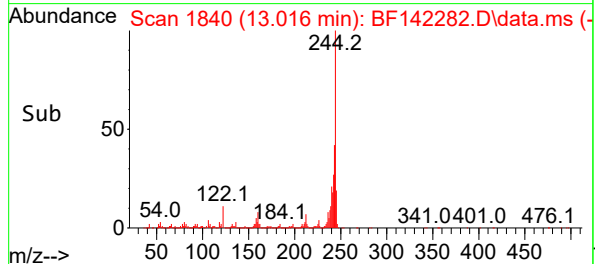
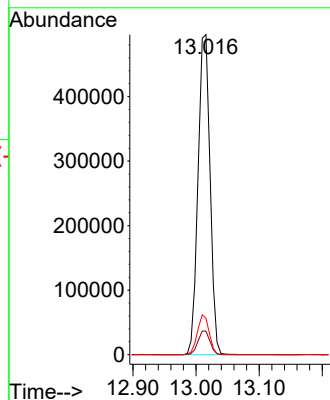
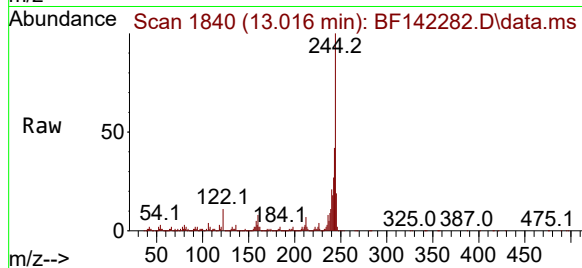




#79
 Terphenyl-d14
 Concen: 418.824 ng
 RT: 13.016 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF142282.D
 Acq: 02 May 2025 14:51

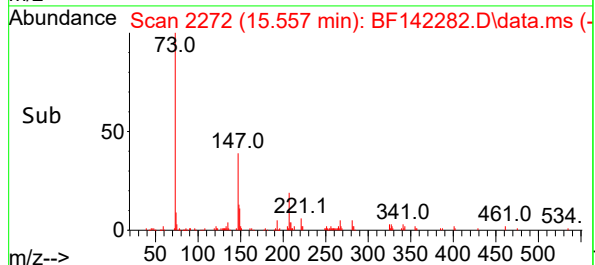
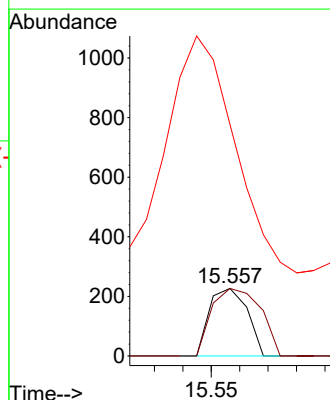
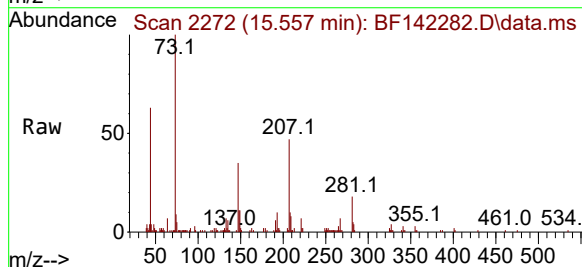
Instrument :
 BNA_F
 ClientSampleId :
 CO-8R-WC

Tgt Ion:244 Resp: 656943
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.3 7.9
 122 11.4 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142282.D
 Acq: 02 May 2025 14:51

Tgt Ion:264 Resp: 209
 Ion Ratio Lower Upper
 264 100
 260 100.0 18.4 27.6#
 265 342.3 17.3 25.9#



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/28/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	CO-8R-WCRE	SDG No.:	Q1907
Lab Sample ID:	Q1907-02RE	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
BP024530.D	1	04/30/25 13:15	05/05/25 18:07	PB167810

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	109		10 - 139	73%	SPK: 150
13127-88-3	Phenol-d6	21.9		10 - 134	15%	SPK: 150
4165-60-0	Nitrobenzene-d5	102		49 - 133	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	519	*	52 - 132	519%	SPK: 100
118-79-6	2,4,6-Tribromophenol	929	*	44 - 137	619%	SPK: 150
1718-51-0	Terphenyl-d14	3610	*	48 - 125	3613%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	149000		7.71		
1146-65-2	Naphthalene-d8	499000		10.481		
15067-26-2	Acenaphthene-d10	59200		14.345		
1517-22-2	Phenanthrene-d10	200000		17.145		
1719-03-5	Chrysene-d12	4030		21.586		
1520-96-3	Perylene-d12	86.0		24.939		

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/28/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	CO-8R-WCRE	SDG No.:	Q1907
Lab Sample ID:	Q1907-02RE	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
BP024530.D	1	04/30/25 13:15	05/05/25 18:07	PB167810

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 : BP024530.D
 Acq On : 05 May 2025 18:07
 Operator : RC/JU
 Sample : Q1907-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CO-8R-WCRE

Quant Time: May 05 18:34:24 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)

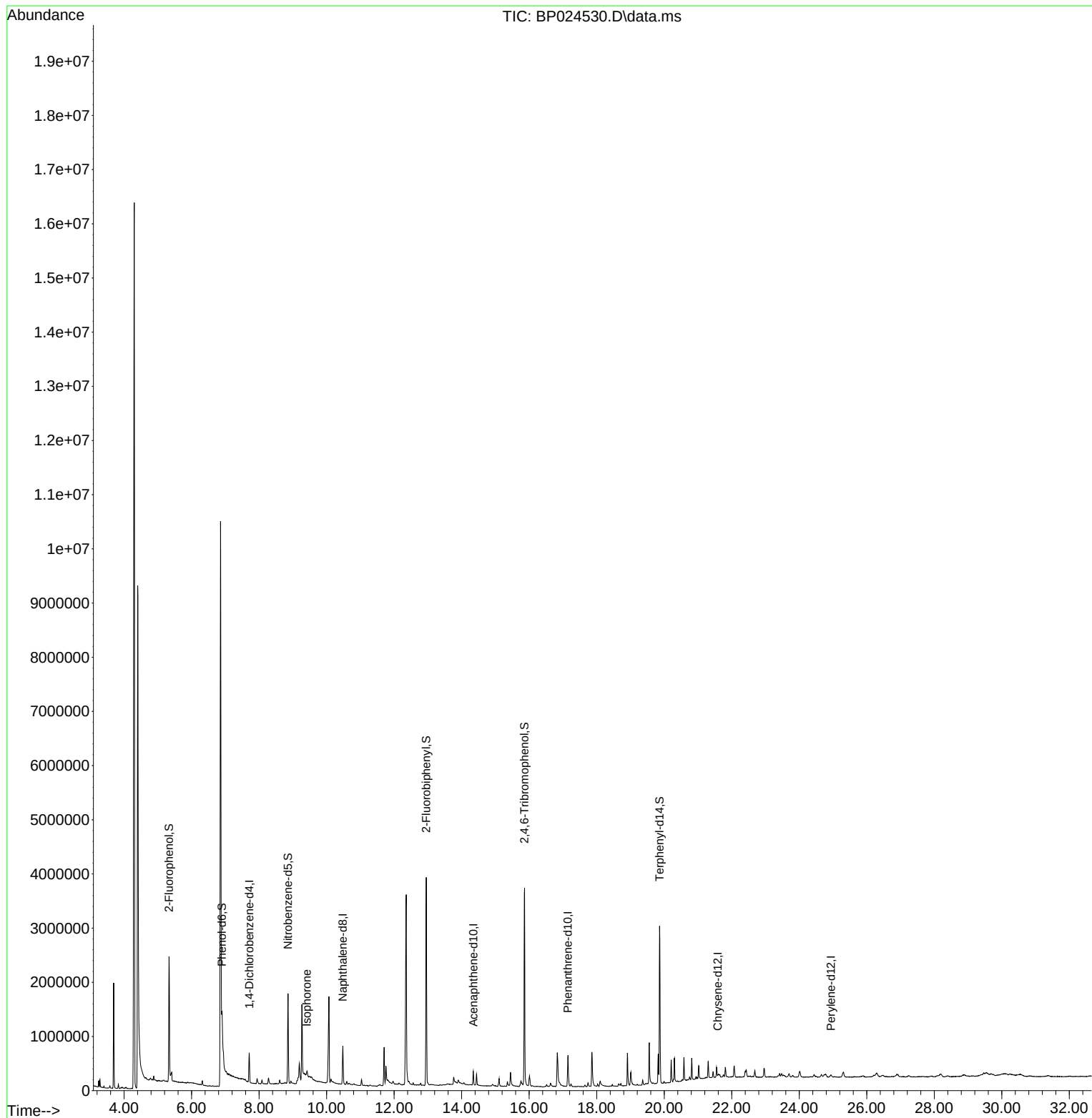
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	148721	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	499099	20.000	ng	-0.02
39) Acenaphthene-d10	14.345	164	59227	20.000	ng	# 0.00
64) Phenanthrene-d10	17.145	188	199964	20.000	ng	0.00
76) Chrysene-d12	21.586	240	4032	20.000	ng	# 0.00
86) Perylene-d12	24.939	264	86	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	978561	108.795	ng	-0.01
7) Phenol-d6	6.899	99	269368	21.871	ng	-0.01
23) Nitrobenzene-d5	8.857	82	895353	102.292	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	761321	929.078	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2008918	519.337	ng	-0.01
79) Terphenyl-d14	19.863	244	722717	3612.936	ng	-0.01
Target Compounds						
25) Isophorone	9.416	82	67890	4.285	ng	# 91

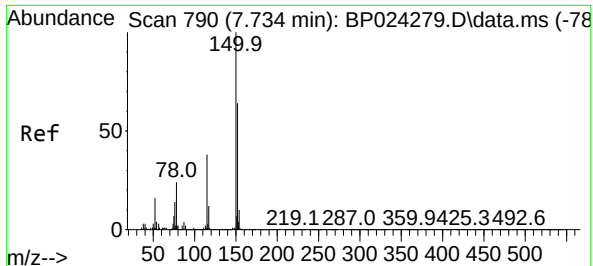
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024530.D
Acq On : 05 May 2025 18:07
Operator : RC/JU
Sample : Q1907-02RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CO-8R-WCRE

Quant Time: May 05 18:34:24 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

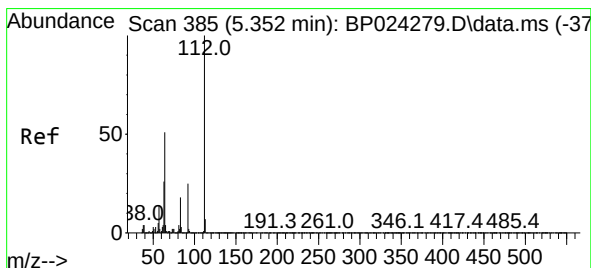
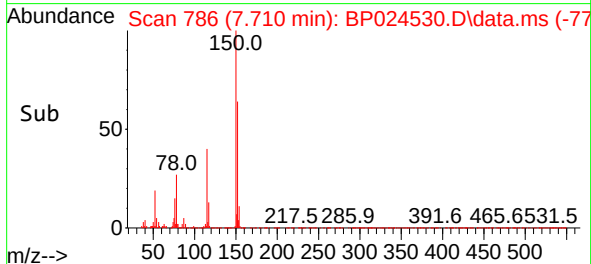
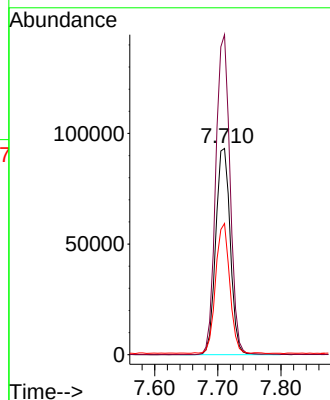
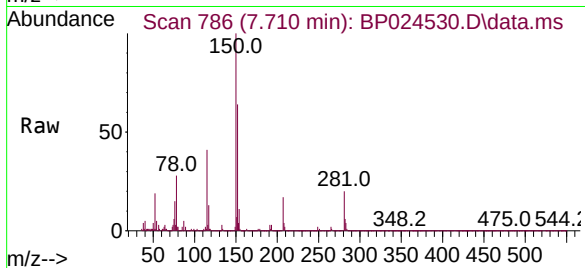




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024530.D
 Acq: 05 May 2025 18:07

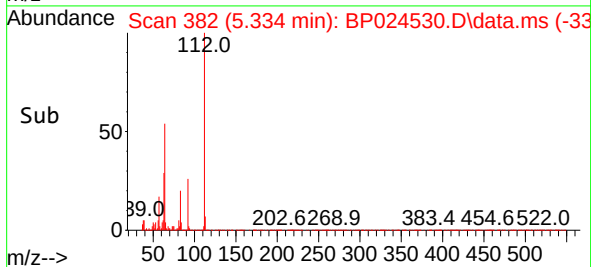
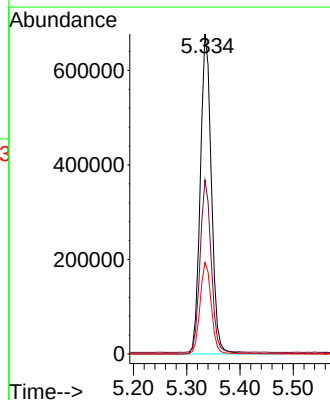
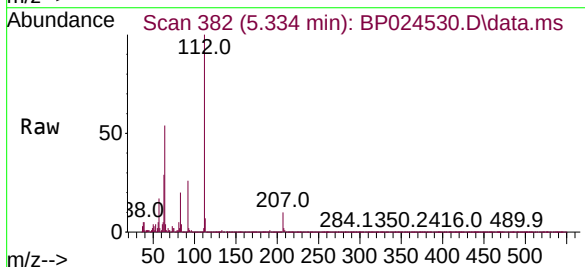
Instrument :
 BNA_P
 ClientSampleId :
 CO-8R-WCRE

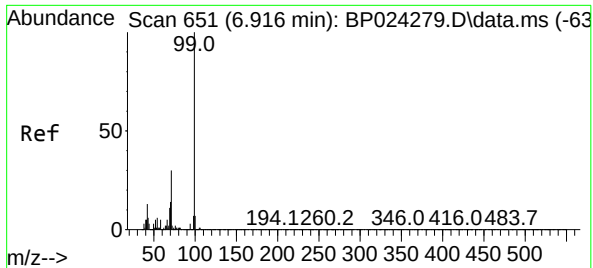
Tgt Ion:152 Resp: 148721
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.9 187.3
 115 63.6 47.7 71.5



#5
 2-Fluorophenol
 Concen: 108.795 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024530.D
 Acq: 05 May 2025 18:07

Tgt Ion:112 Resp: 978561
 Ion Ratio Lower Upper
 112 100
 64 54.4 41.1 61.7
 63 28.7 20.6 30.8

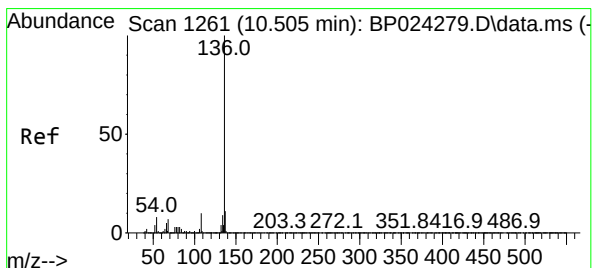
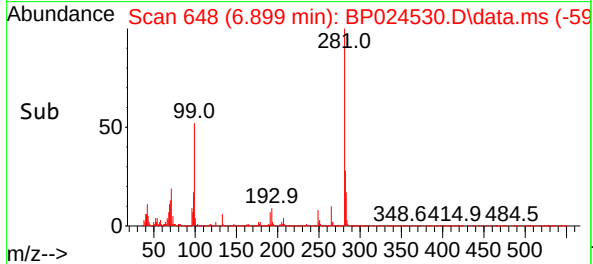
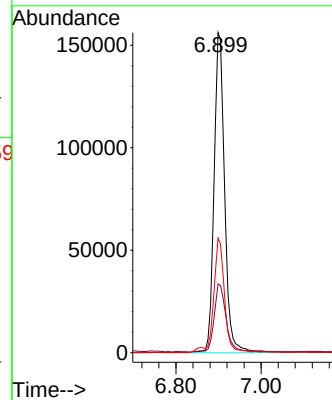
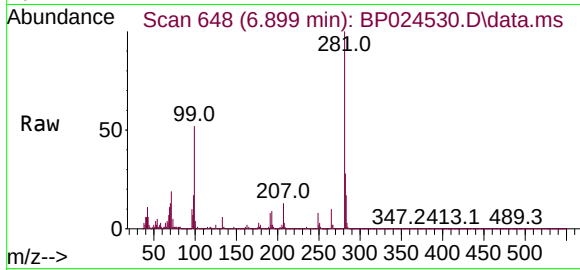




#7
Phenol-d6
Concen: 21.871 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

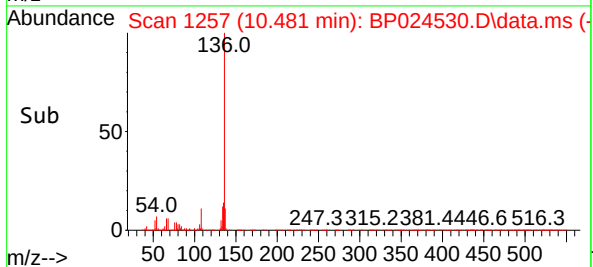
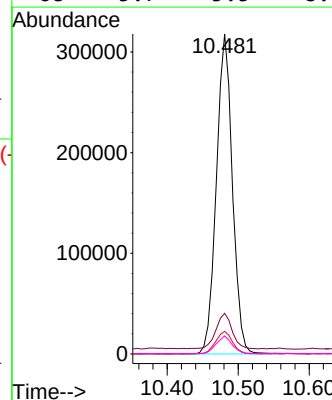
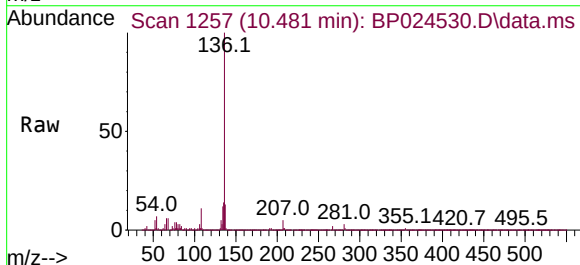
Instrument :
BNA_P
ClientSampleId :
CO-8R-WCRE

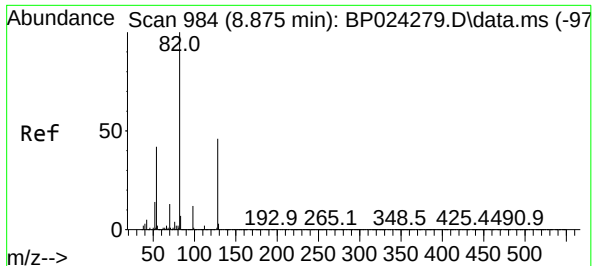
Tgt Ion: 99 Resp: 269368
Ion Ratio Lower Upper
99 100
42 21.5 10.6 16.0#
71 35.7 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

Tgt Ion:136 Resp: 499099
Ion Ratio Lower Upper
136 100
137 12.7 9.2 13.8
54 7.0 6.0 9.0
68 5.7 5.5 8.3





#23

Nitrobenzene-d5

Concen: 102.292 ng

RT: 8.857 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024530.D

Acq: 05 May 2025 18:07

Instrument :

BNA_P

ClientSampleId :

CO-8R-WCRE

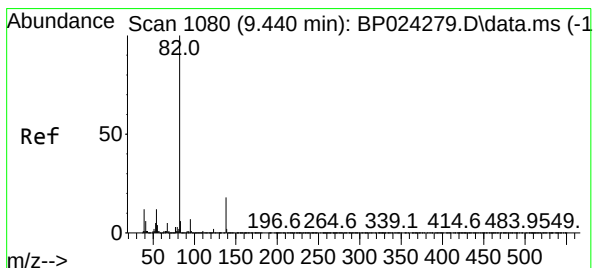
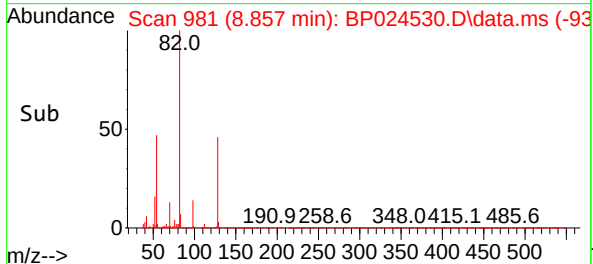
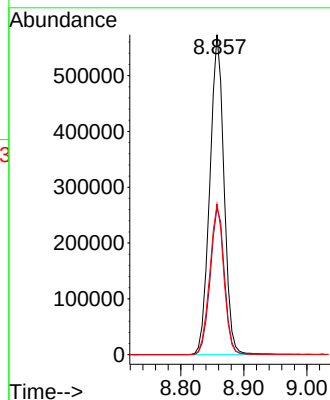
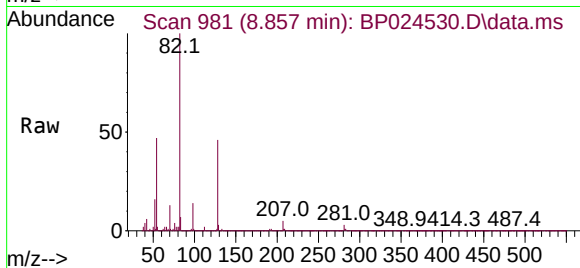
Tgt Ion: 82 Resp: 895353

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

54 47.1 33.4 50.2



#25

Isophorone

Concen: 4.285 ng

RT: 9.416 min Scan# 1076

Delta R.T. -0.012 min

Lab File: BP024530.D

Acq: 05 May 2025 18:07

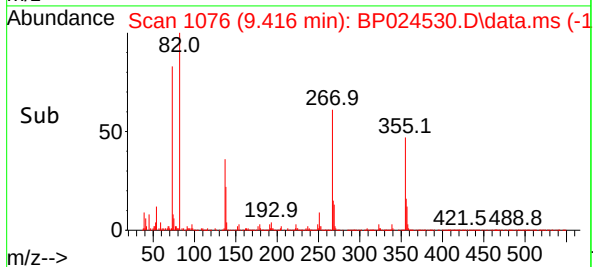
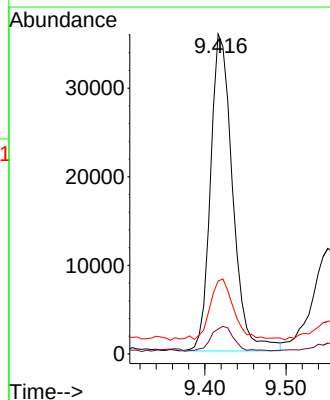
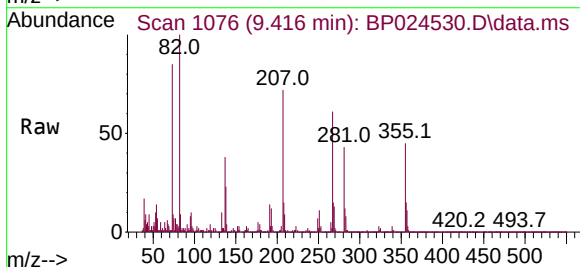
Tgt Ion: 82 Resp: 67890

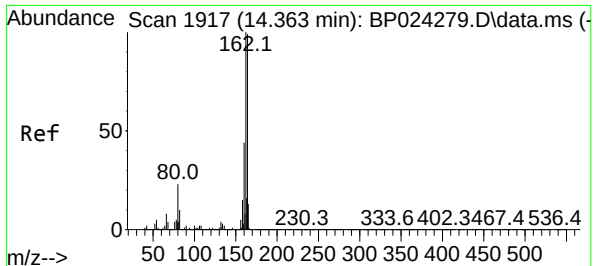
Ion Ratio Lower Upper

82 100

95 7.8 5.4 8.2

138 22.8 14.4 21.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.345 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BP024530.D

Acq: 05 May 2025 18:07

Instrument :

BNA_P

ClientSampleId :

CO-8R-WCRE

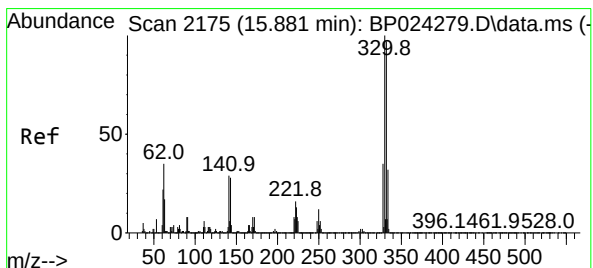
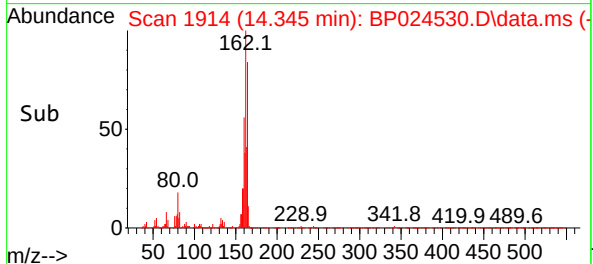
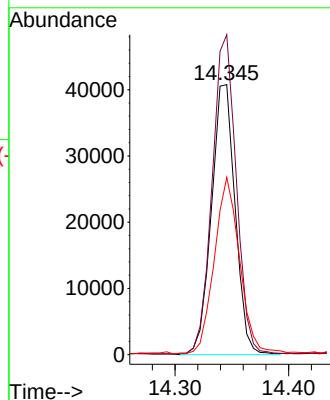
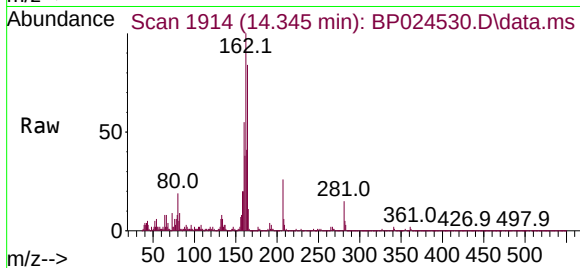
Tgt Ion:164 Resp: 59227

Ion Ratio Lower Upper

164 100

162 118.5 80.6 120.8

160 65.7 35.3 52.9#



#42

2,4,6-Tribromophenol

Concen: 929.078 ng

RT: 15.863 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BP024530.D

Acq: 05 May 2025 18:07

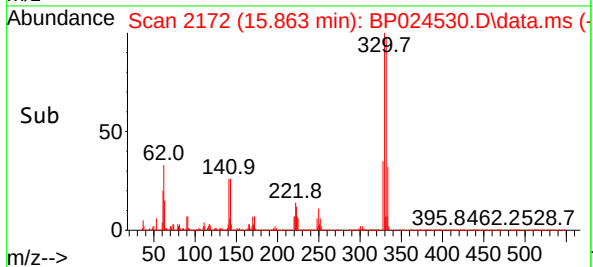
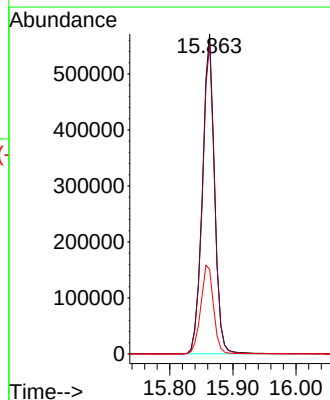
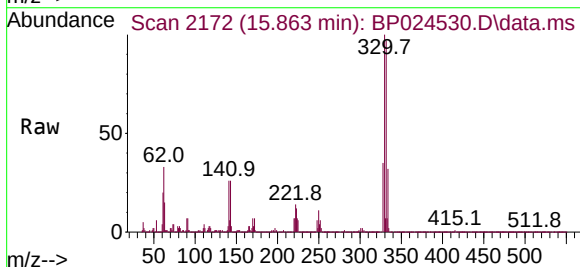
Tgt Ion:330 Resp: 761321

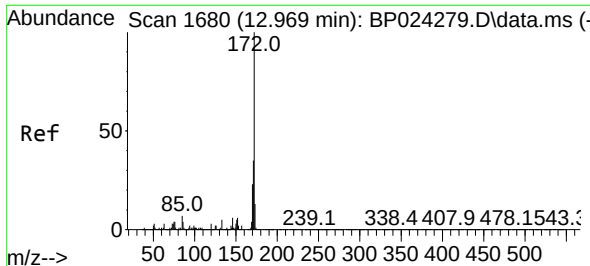
Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

141 29.3 24.7 37.1

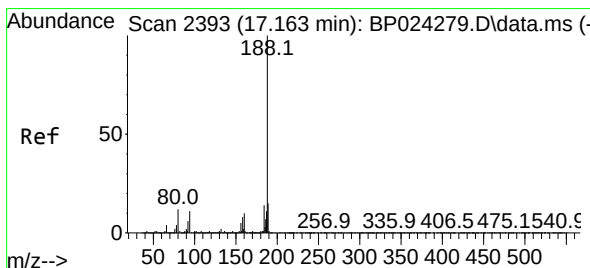
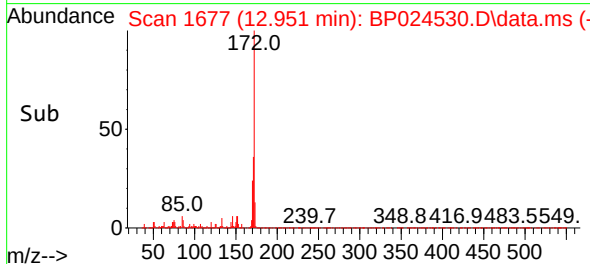
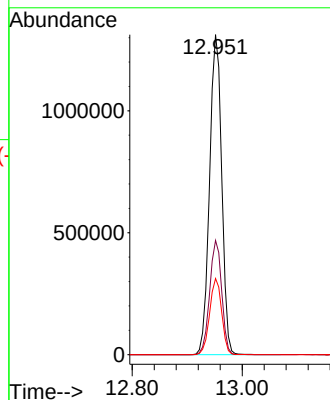
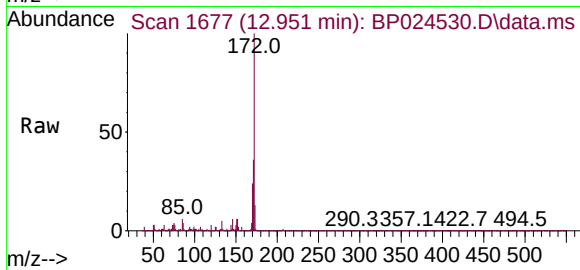




#45
2-Fluorobiphenyl
Concen: 519.337 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

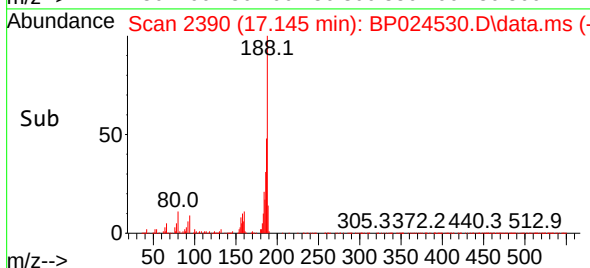
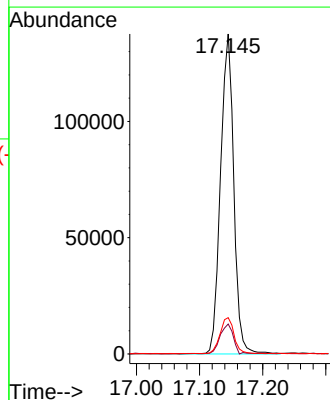
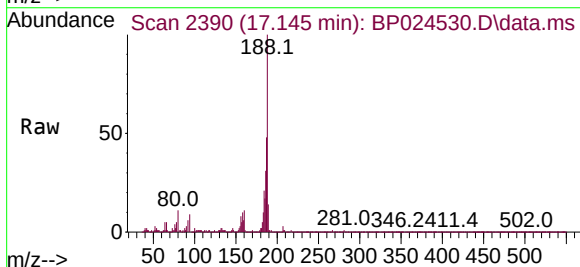
Instrument :
BNA_P
ClientSampleId :
CO-8R-WCRE

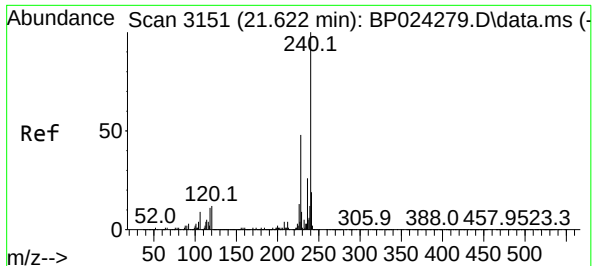
Tgt Ion:172 Resp: 2008918
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.8 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

Tgt Ion:188 Resp: 199964
Ion Ratio Lower Upper
188 100
94 9.3 8.6 13.0
80 11.4 9.8 14.6

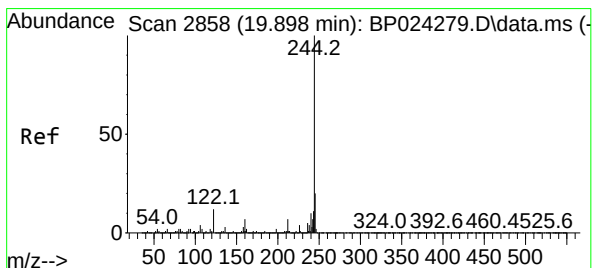
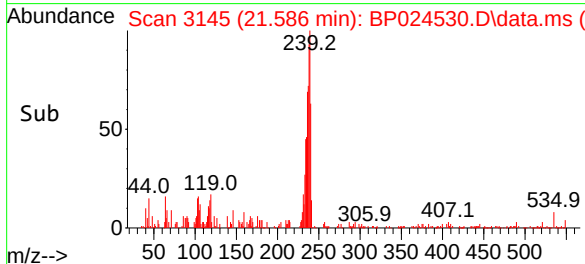
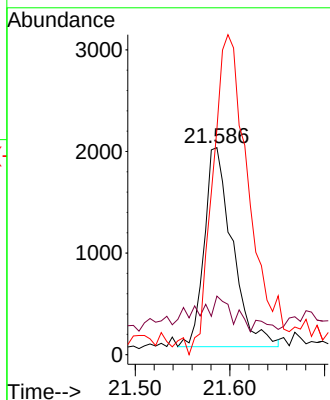
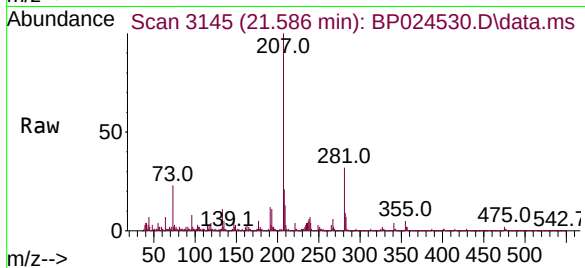




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3151
Delta R.T. -0.006 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

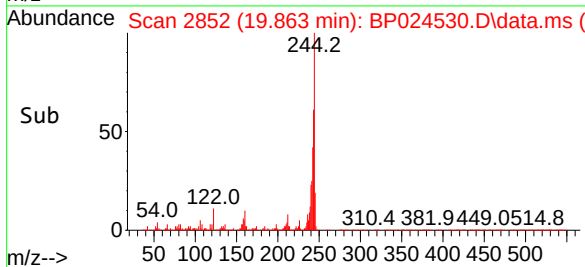
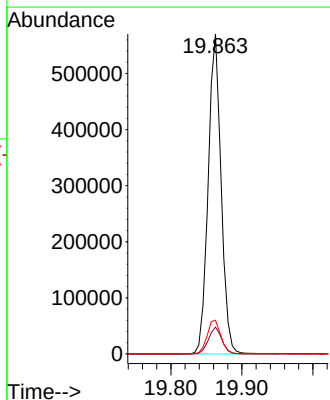
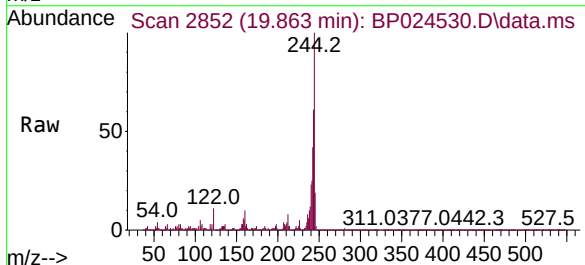
Instrument :
BNA_P
ClientSampleId :
CO-8R-WCRE

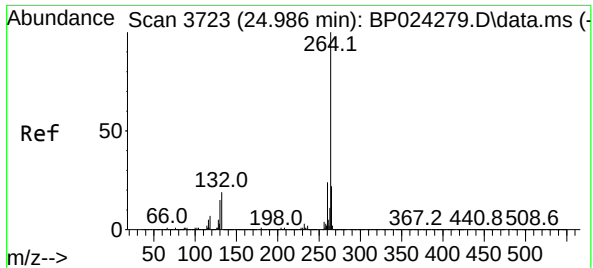
Tgt Ion:240 Resp: 4032
Ion Ratio Lower Upper
240 100
120 28.3 9.8 14.8#
236 109.1 20.9 31.3#



#79
Terphenyl-d14
Concen: 3612.936 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.012 min
Lab File: BP024530.D
Acq: 05 May 2025 18:07

Tgt Ion:244 Resp: 722717
Ion Ratio Lower Upper
244 100
212 8.4 5.6 8.4
122 10.6 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024530.D

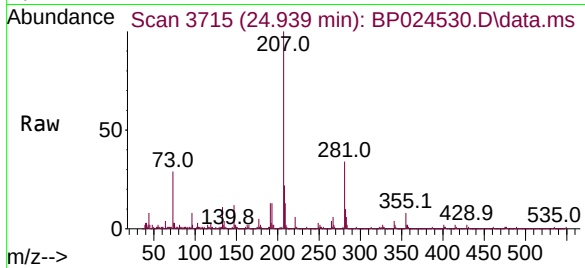
Acq: 05 May 2025 18:07

Instrument :

BNA_P

ClientSampleId :

CO-8R-WCRE



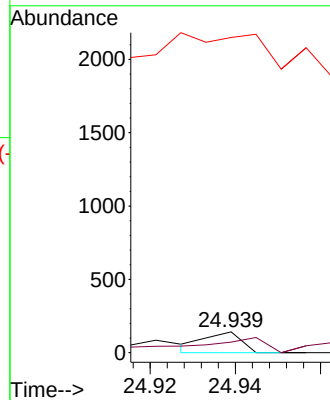
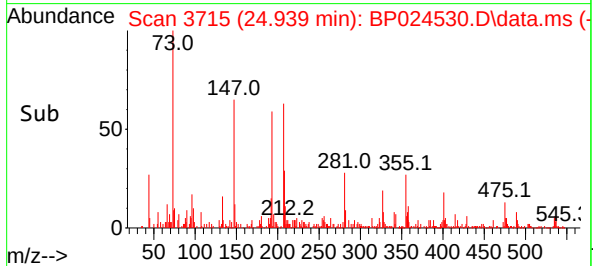
Tgt Ion:264 Resp: 86

Ion Ratio Lower Upper

264 100

260 50.7 18.9 28.3#

265 1513.4 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: WALS01
 Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907
 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	

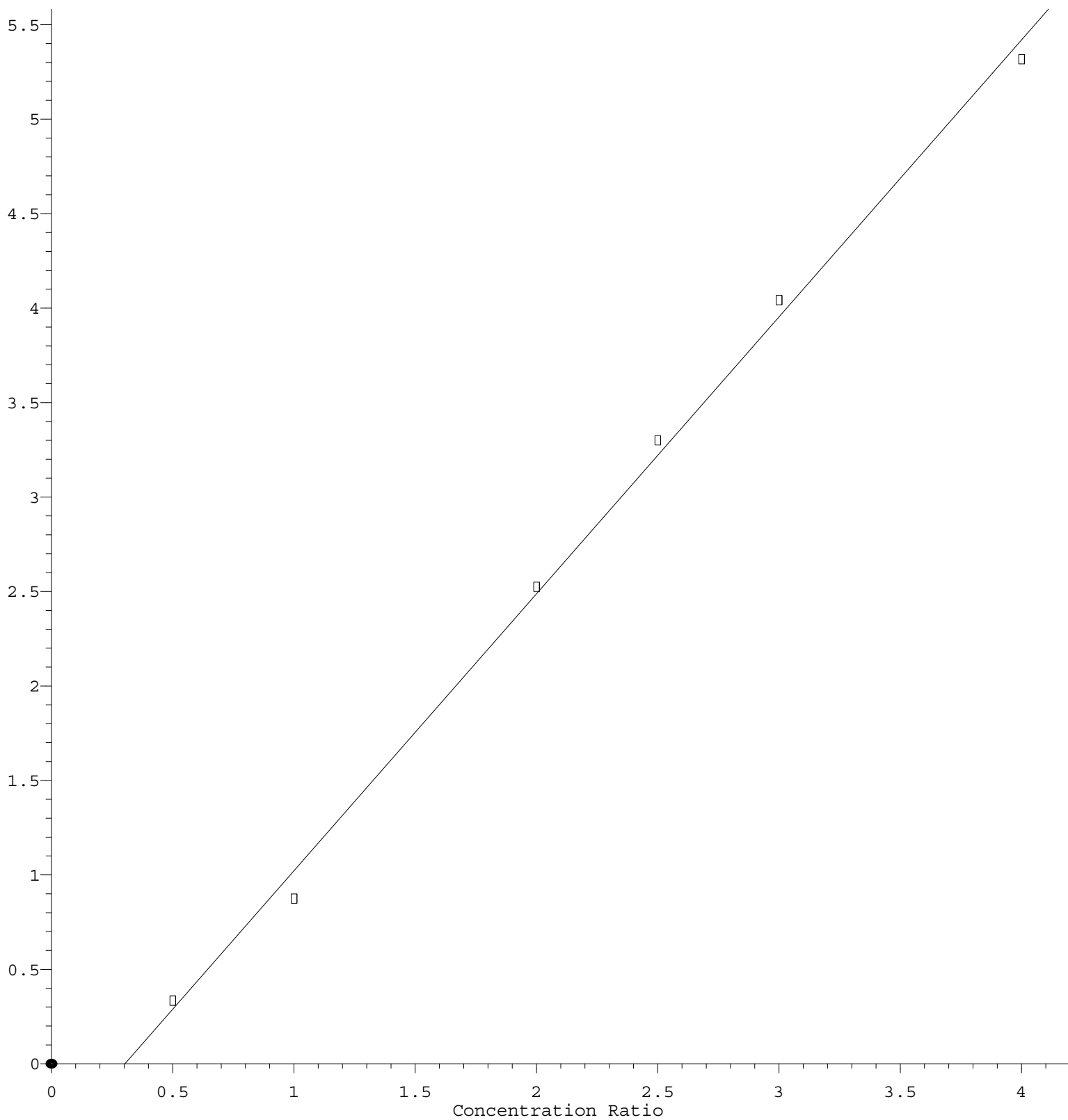
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

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



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

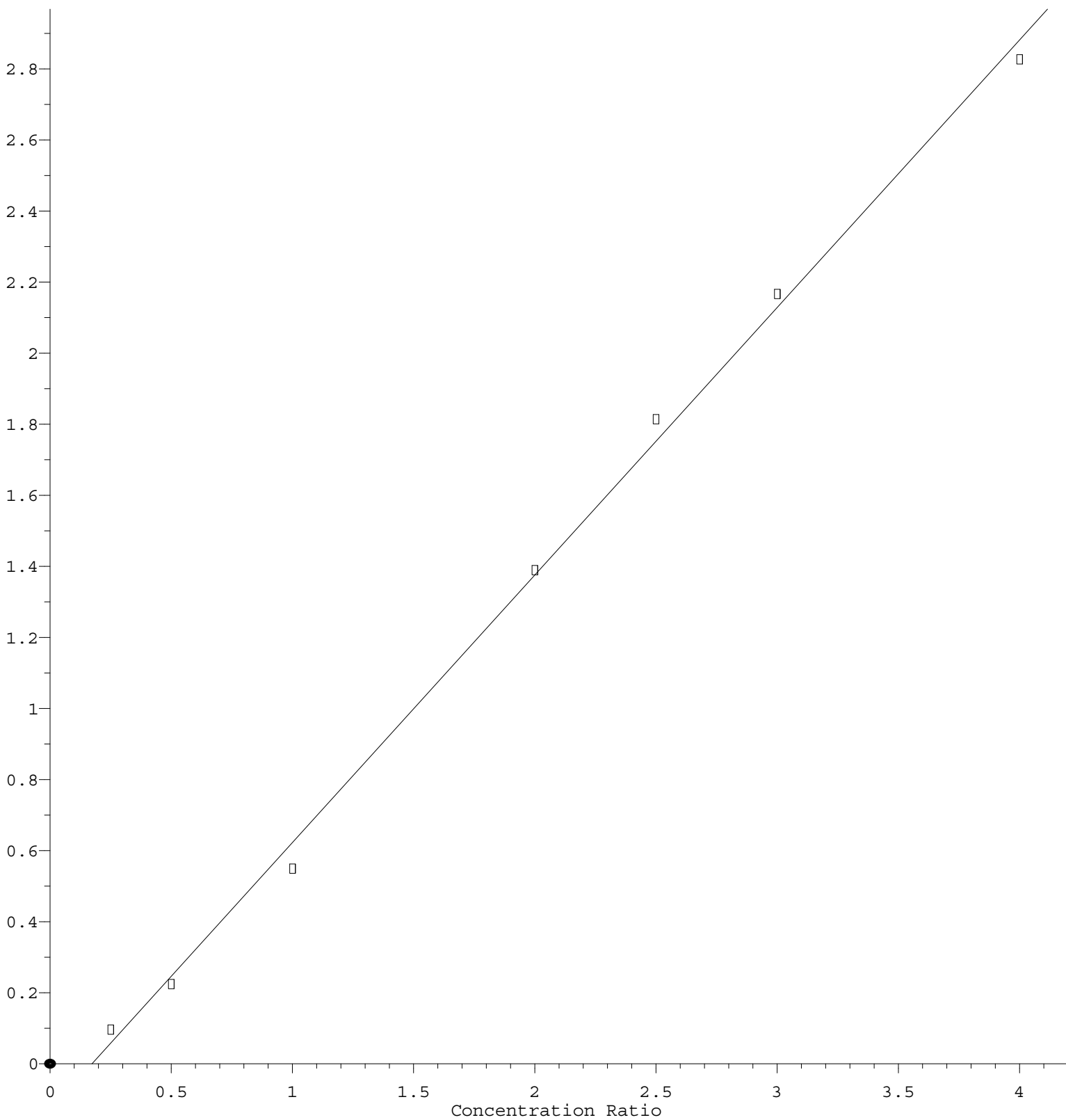
Coef of Det (r^2) = 0.997236 Curve Fit: Linear

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



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

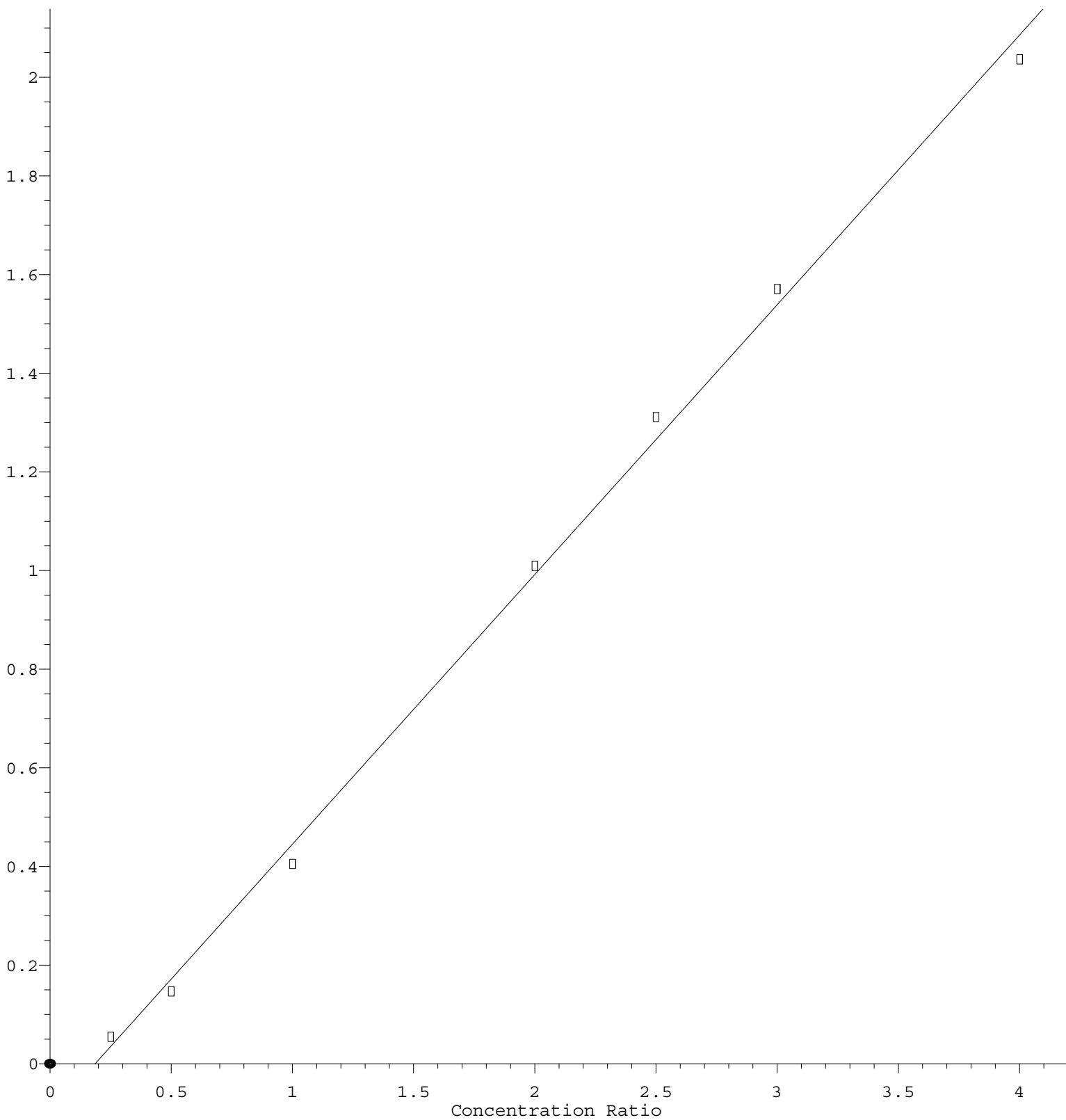
Coef of Det (r^2) = 0.997585 Curve Fit: Linear

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



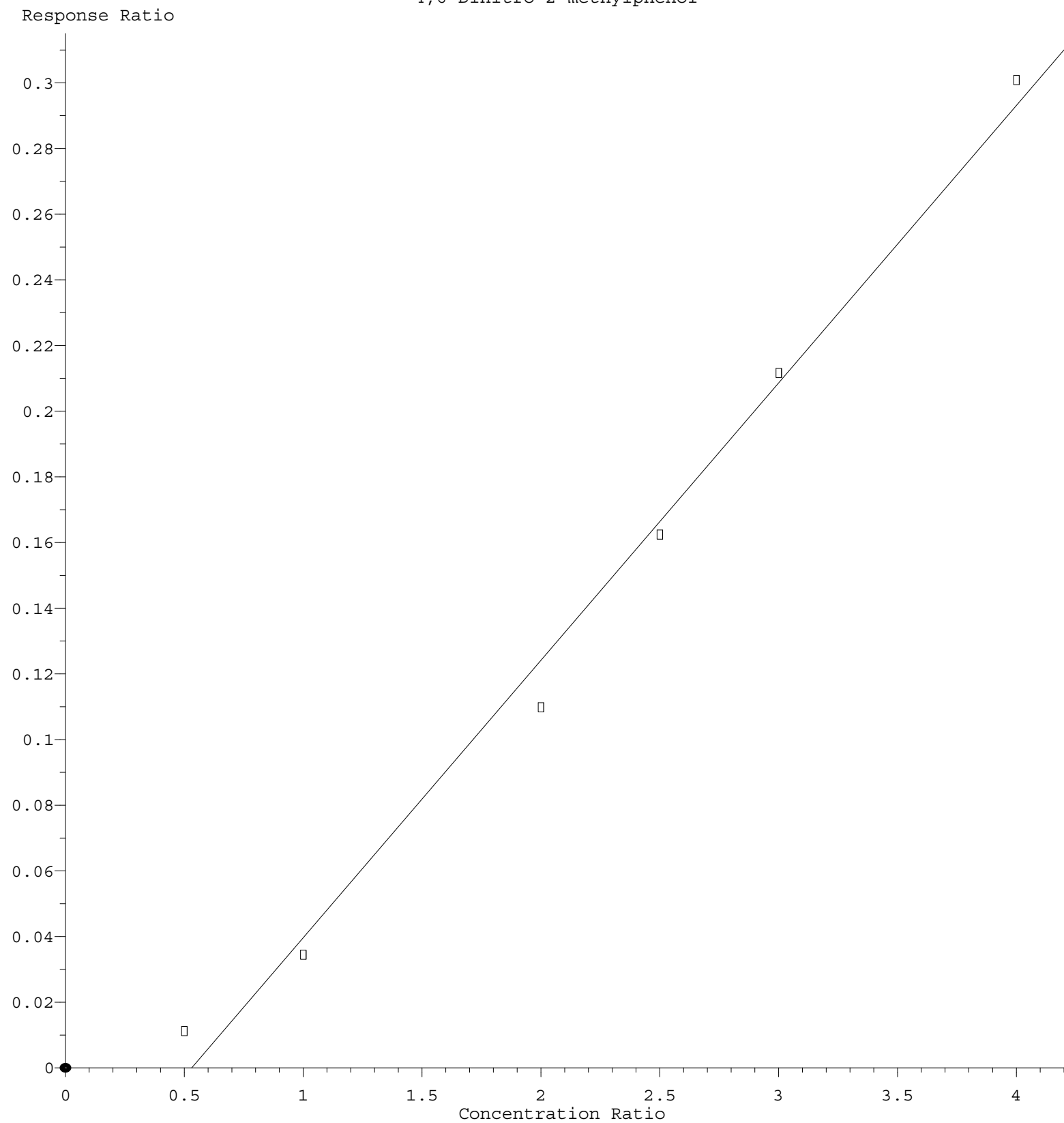
$$\text{Response} = 5.468\text{e-}001 * \text{Amt} - 1.016\text{e-}001$$

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

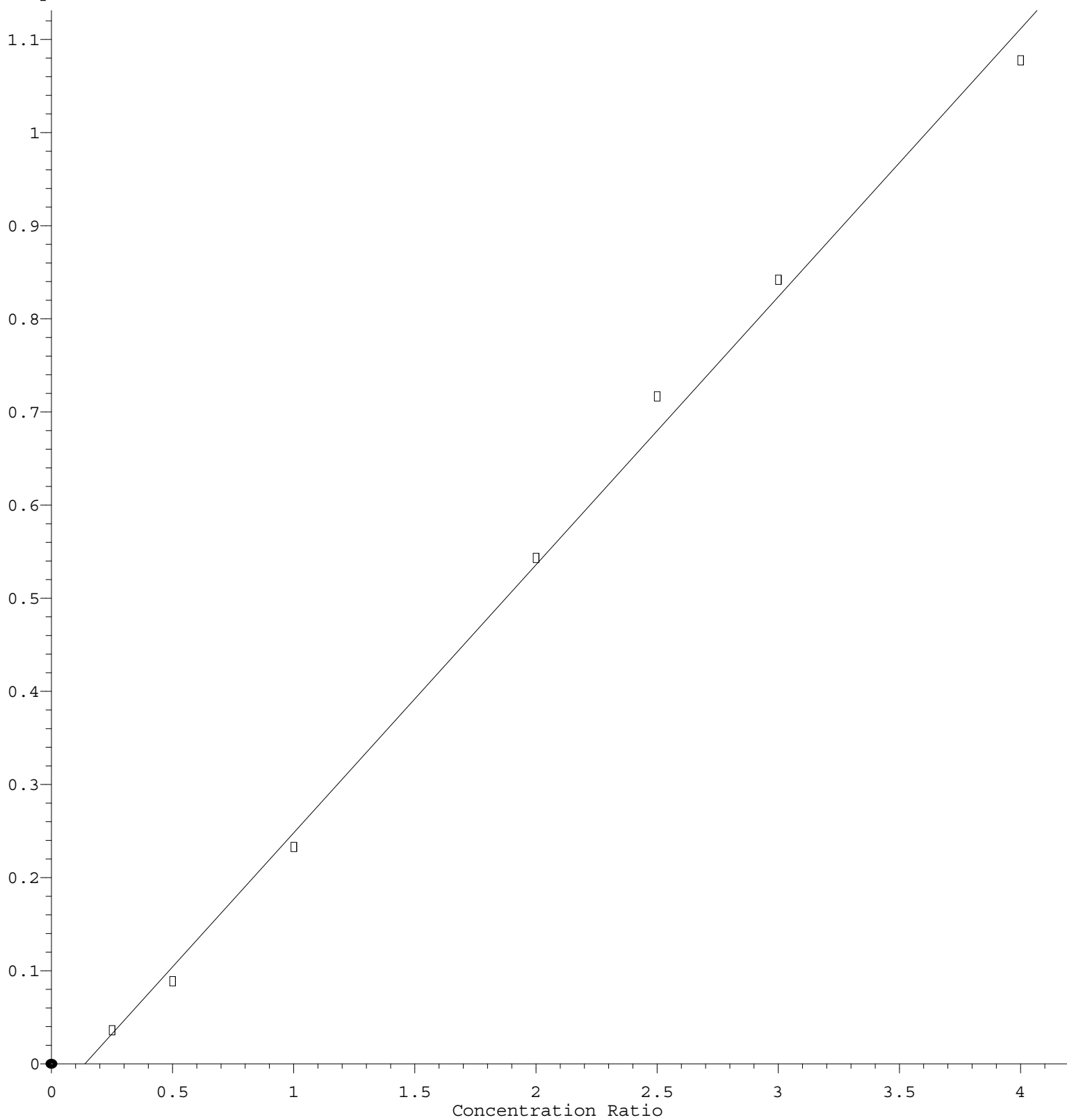
4,6-Dinitro-2-methylphenol



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



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

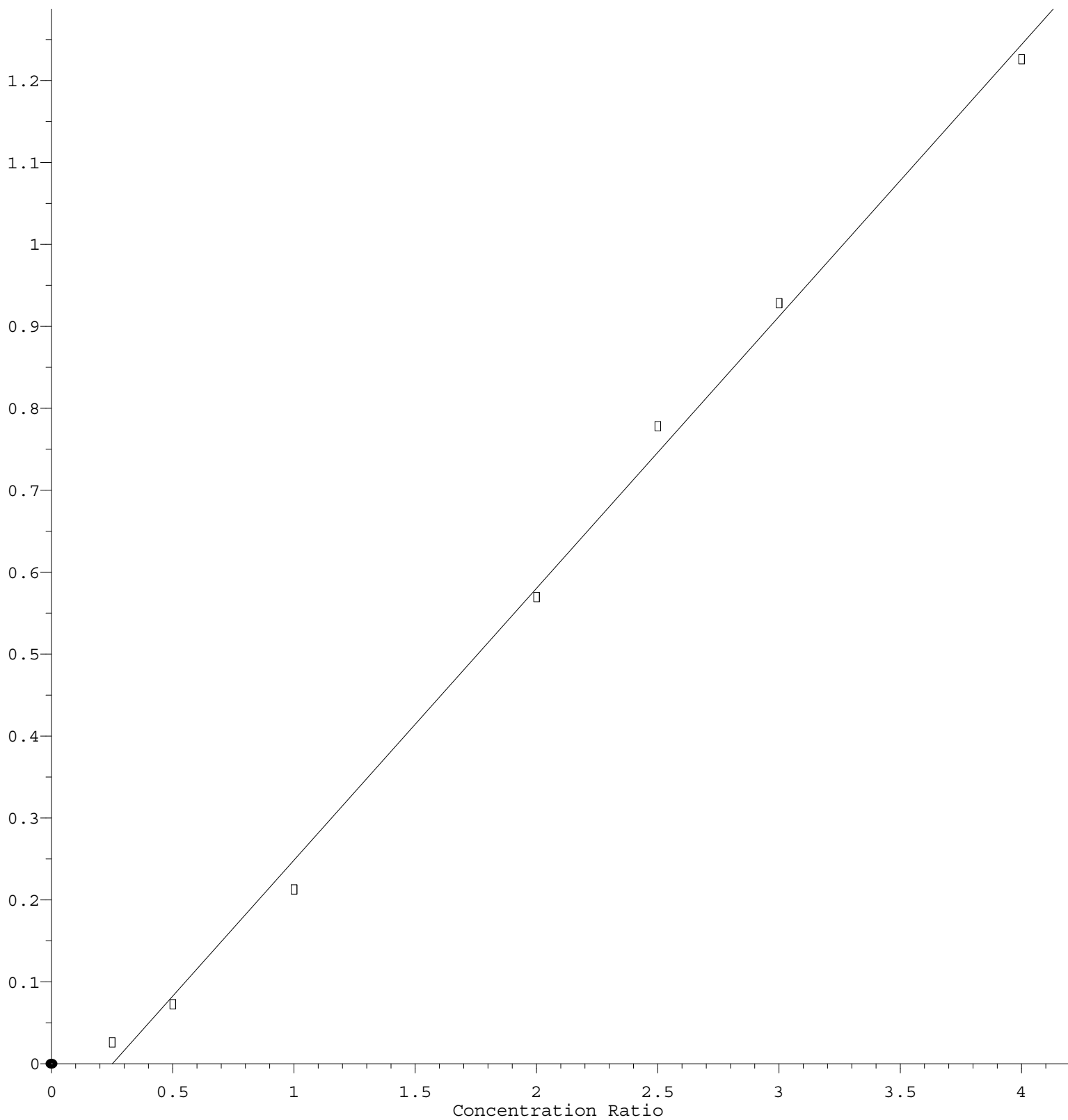
Coef of Det (r^2) = 0.996450 Curve Fit: Linear

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



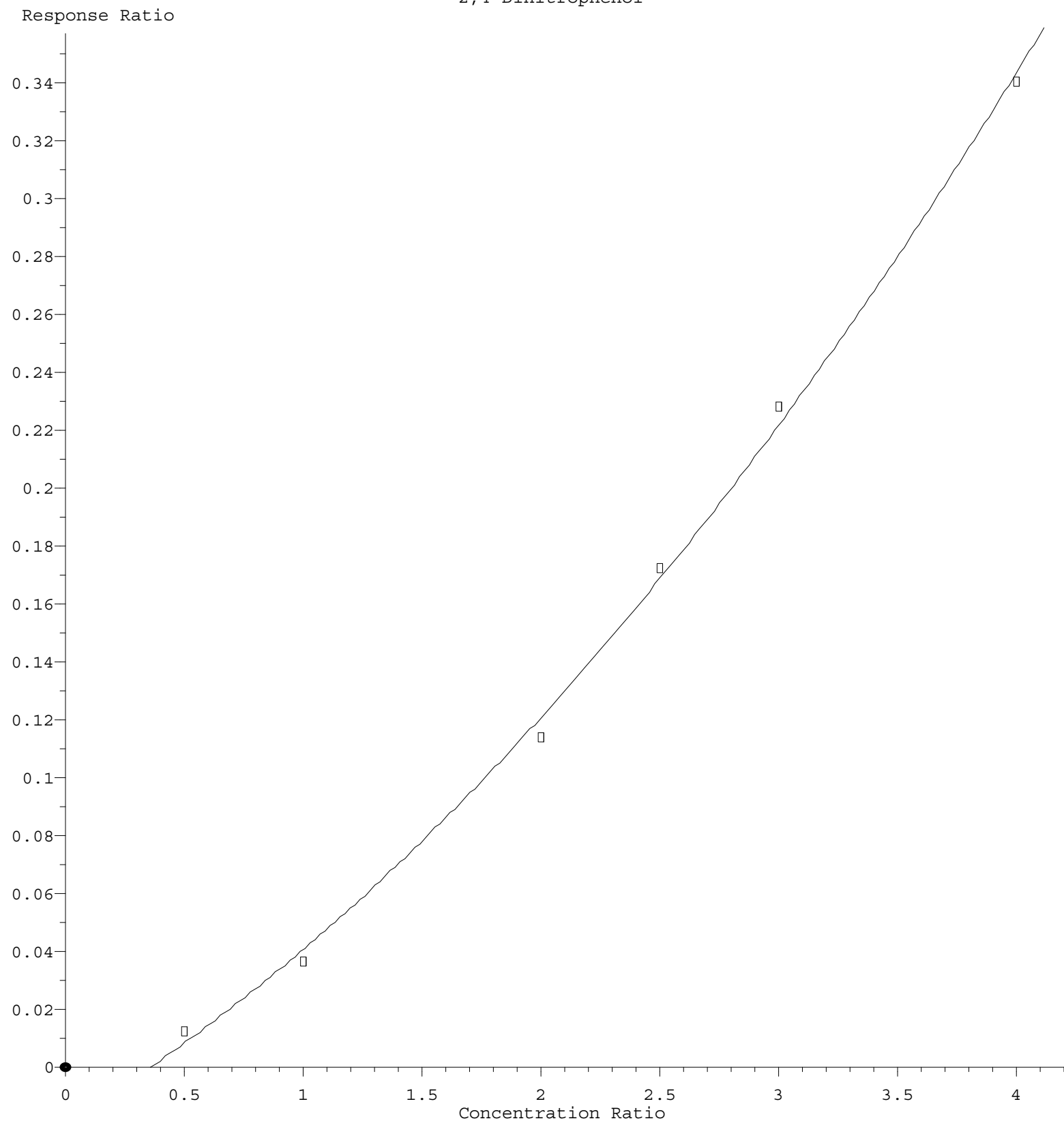
$$\text{Response} = 3.318\text{e-}001 * \text{Amt} - 8.340\text{e-}002$$

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

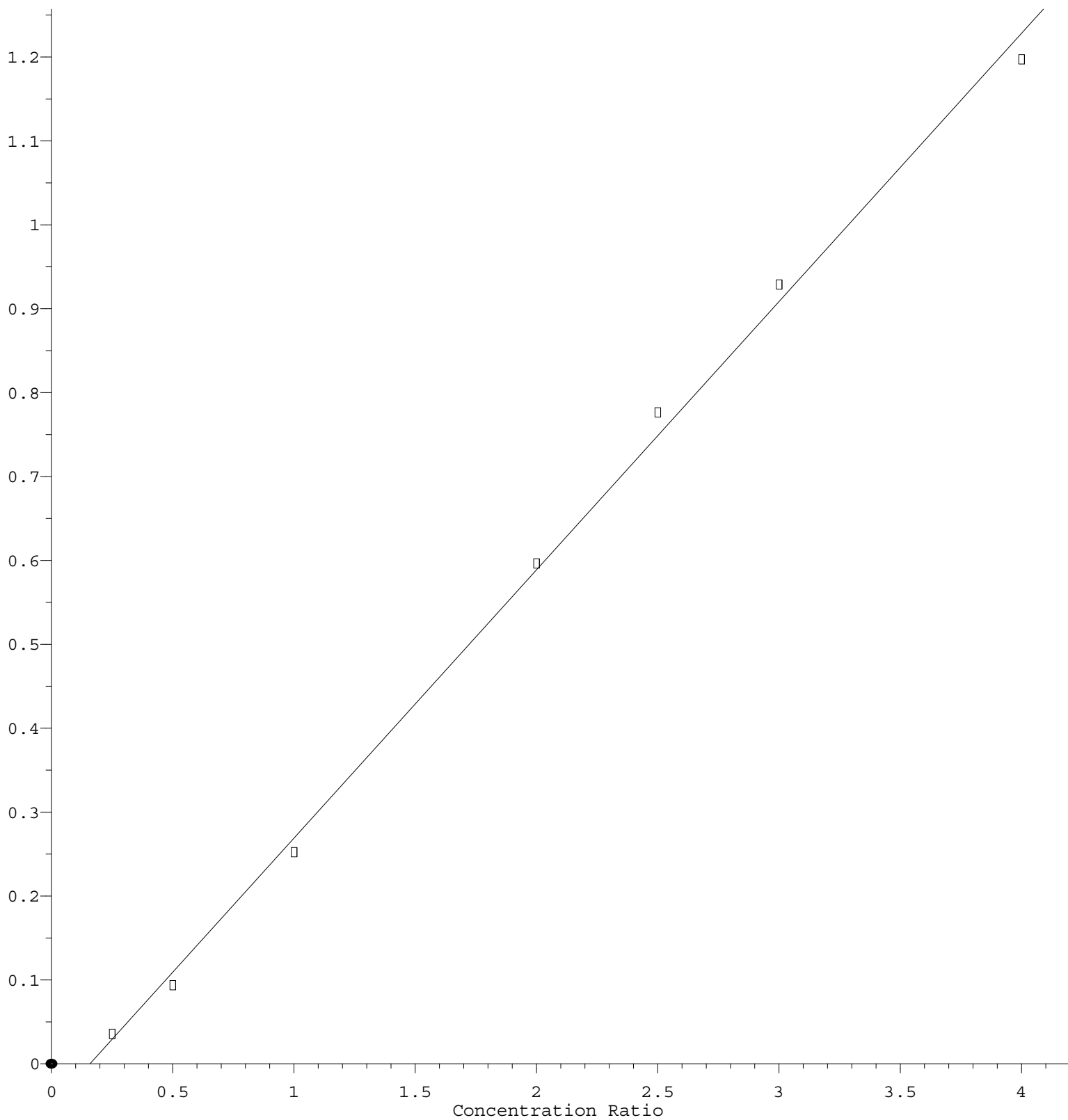
2,4-Dinitrophenol



$R = 1.037e-002 A^2 + 4.909e-002 A - 1.884e-002$
 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



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

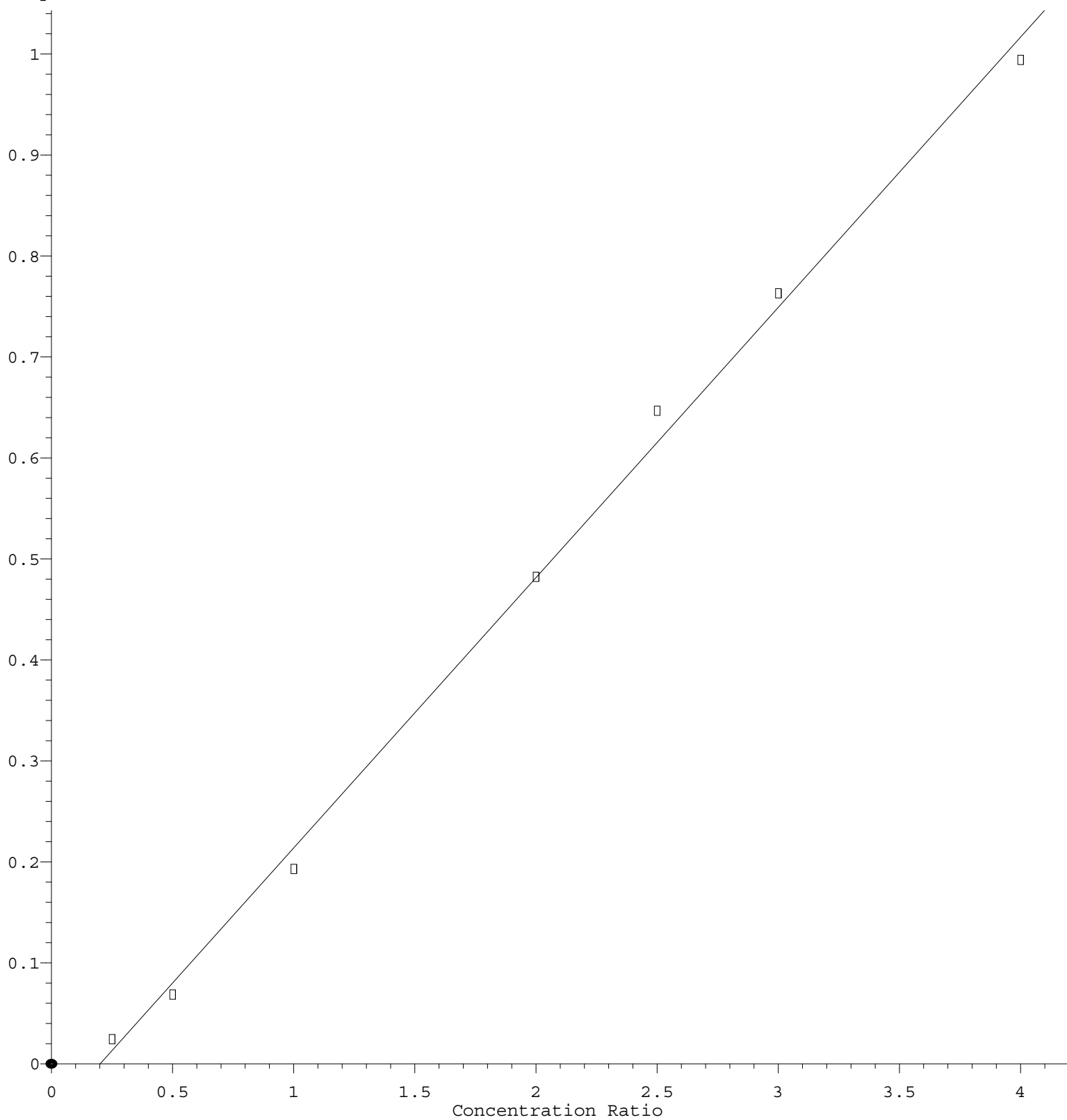
Coef of Det (r^2) = 0.997645 Curve Fit: Linear

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



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

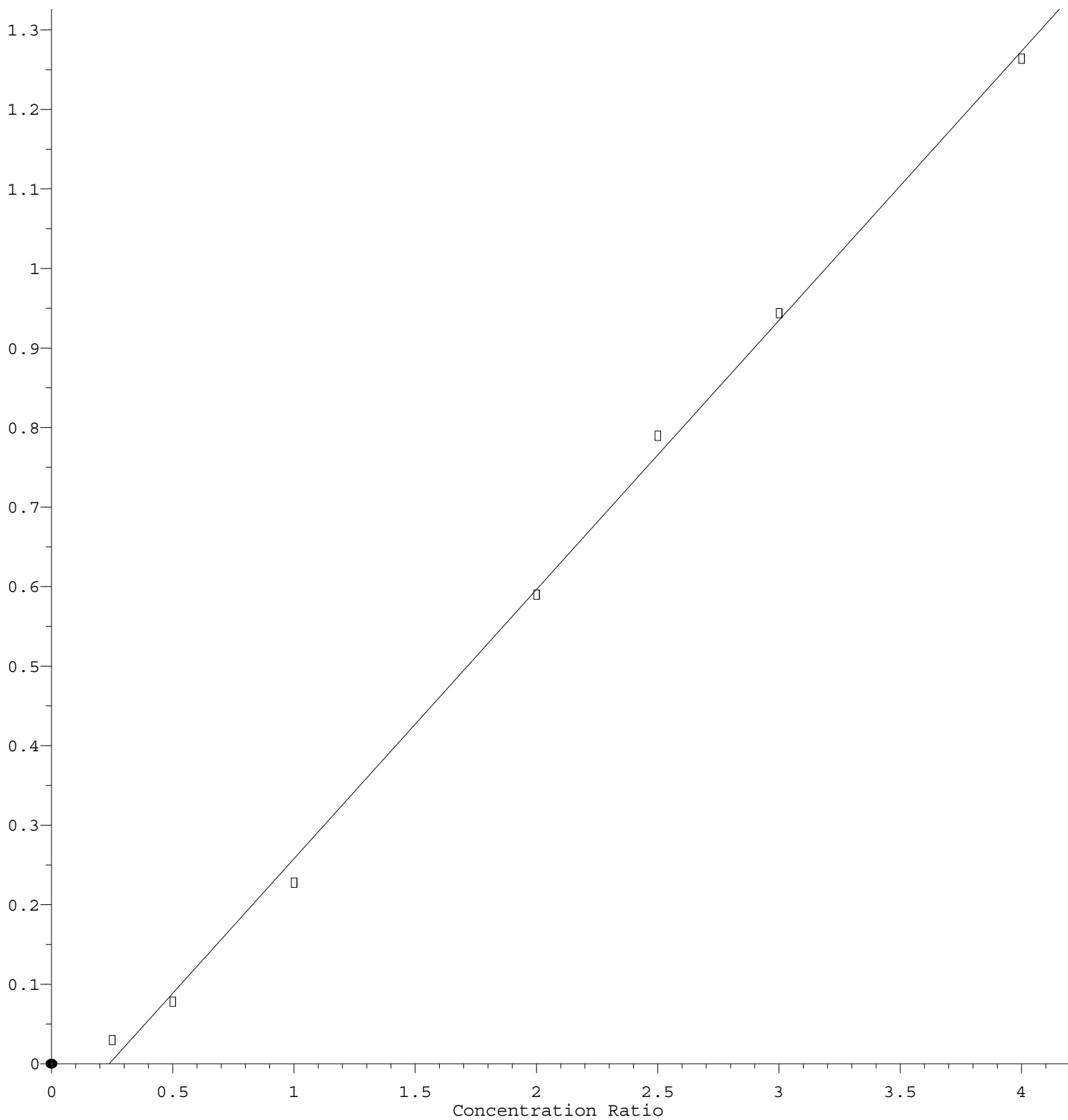
Coef of Det (r^2) = 0.997116 Curve Fit: Linear

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



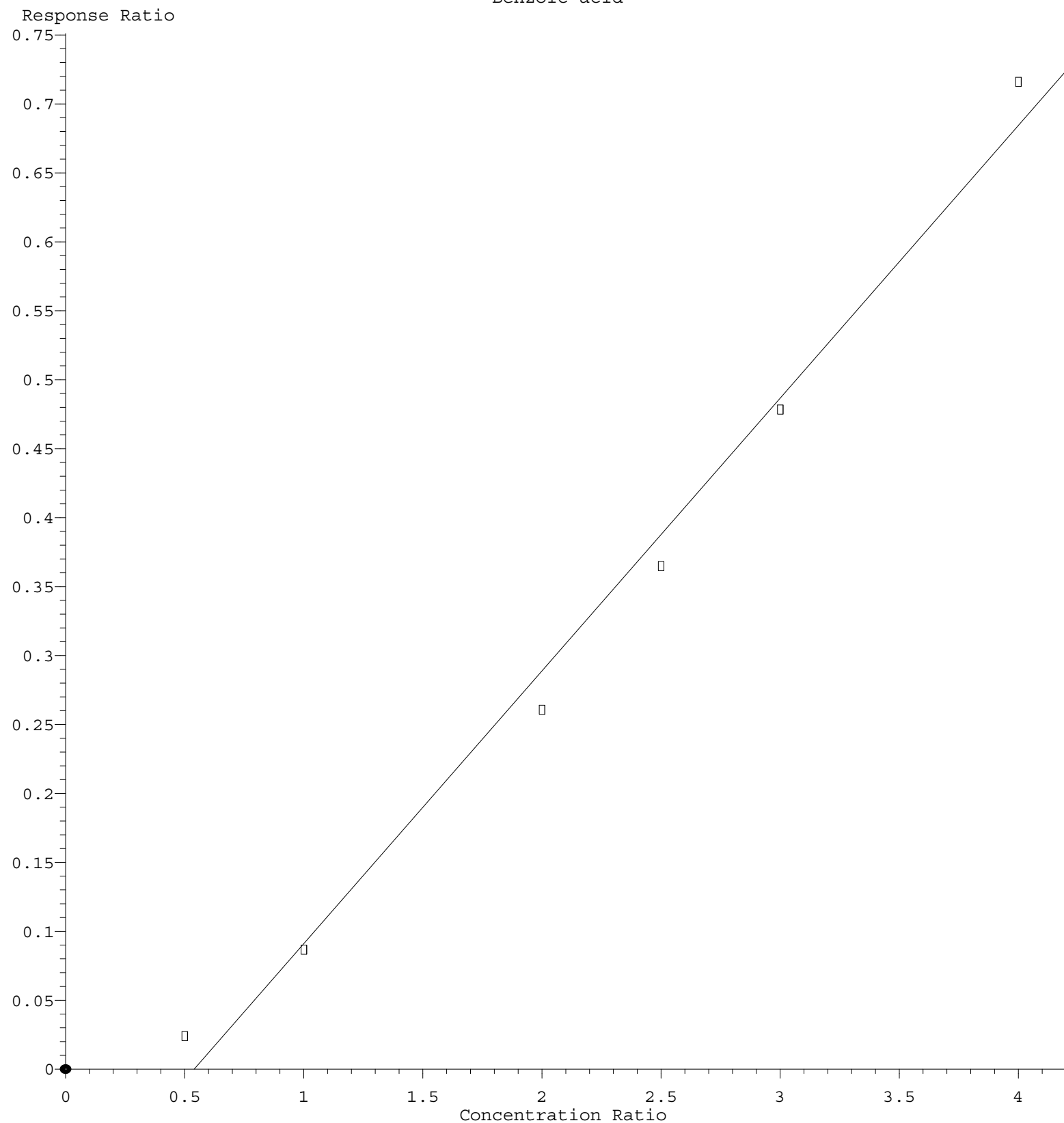
$$\text{Response} = 3.387\text{e-}001 * \text{Amt} - 8.076\text{e-}002$$

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

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

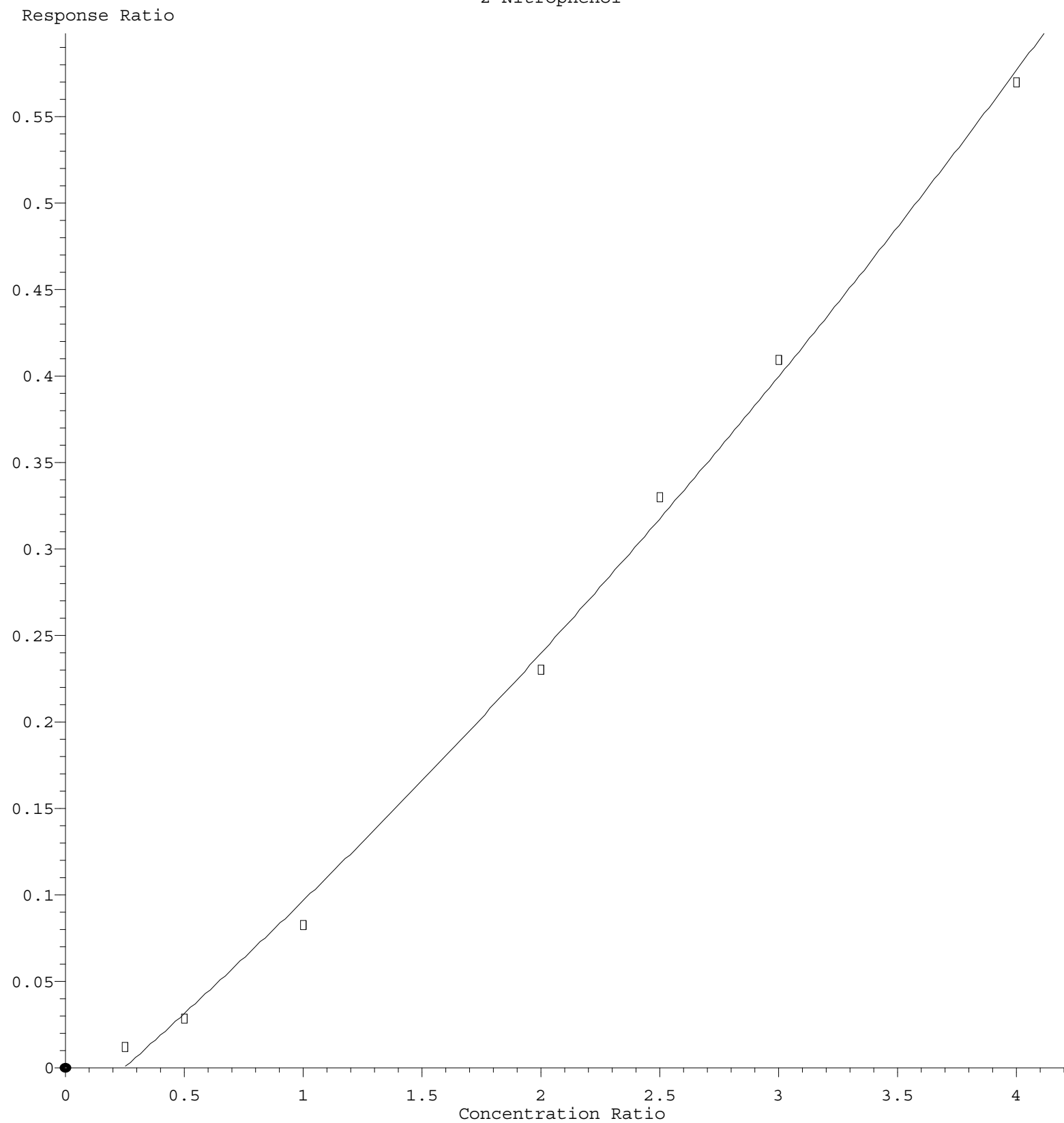
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

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

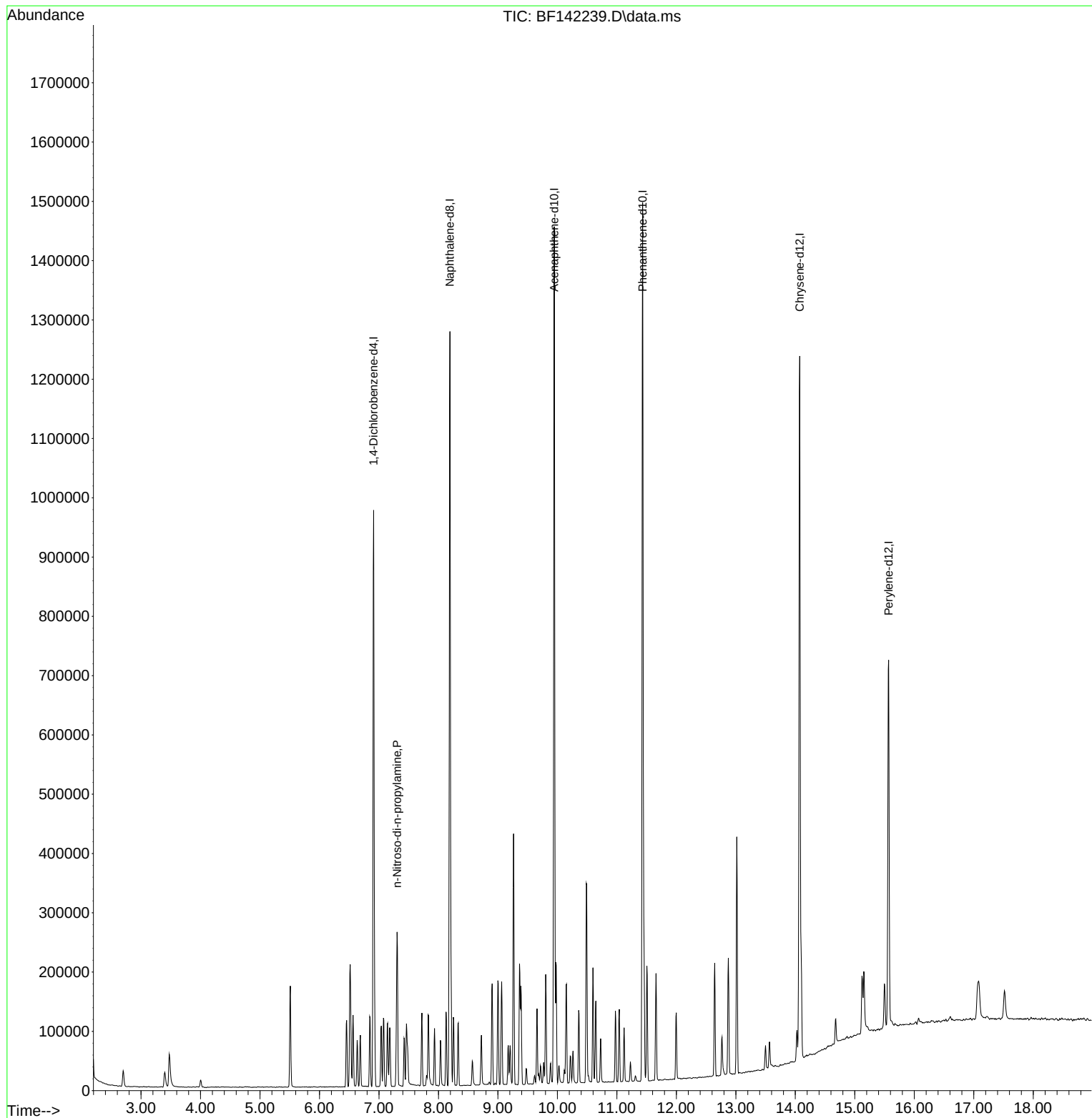
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	204993	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	780462	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	414360	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	737147	20.000	ng	0.00
76) Chrysene-d12	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

[illegible]

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

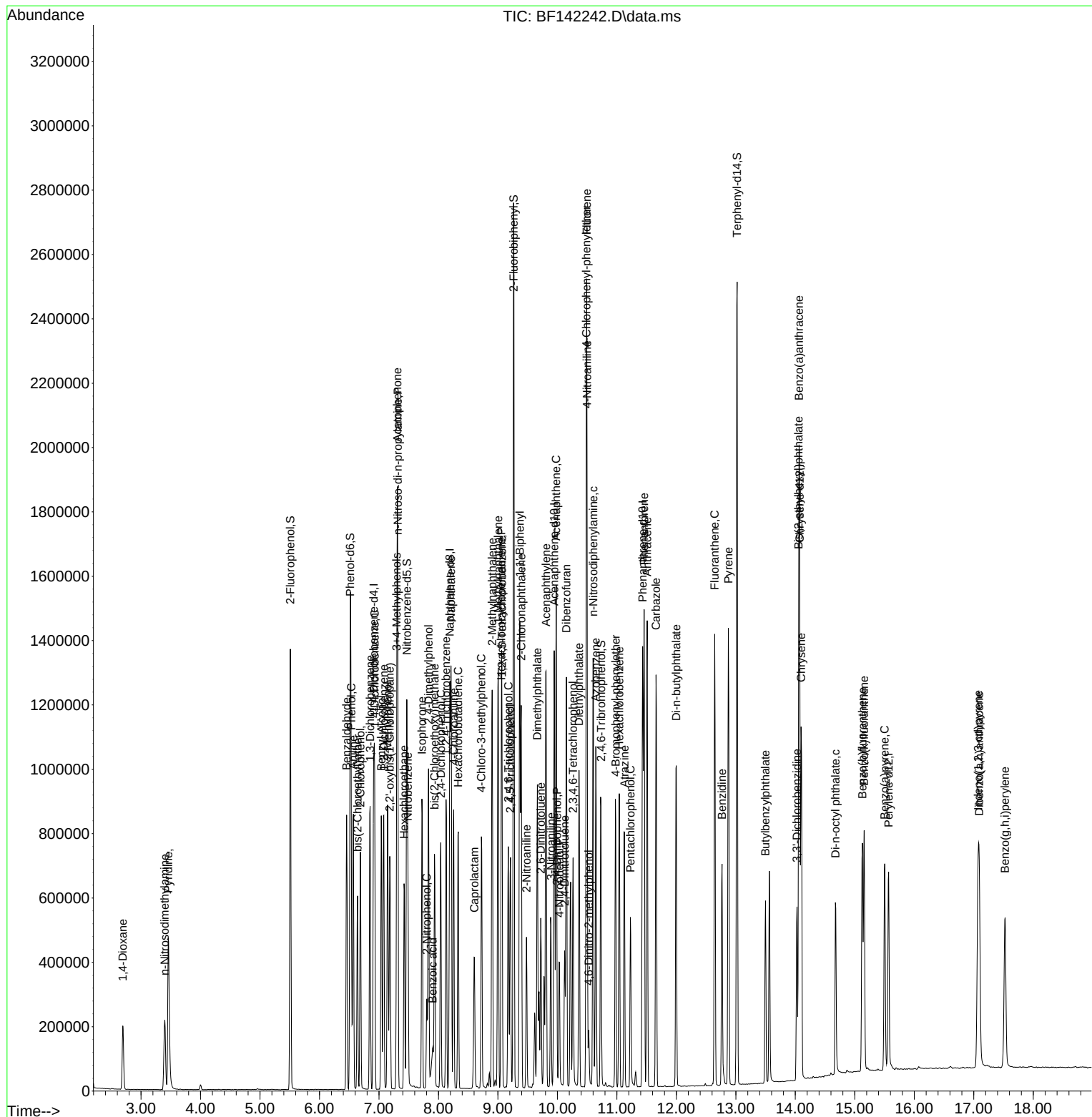
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	144462	19.756	ng	99
46) 1,1'-Biphenyl	9.369	154	643017	20.740	ng	99
47) 2-Chloronaphthalene	9.392	162	474899	20.588	ng	98
48) 2-Nitroaniline	9.481	65	90798	18.213	ng	97
49) Acenaphthylene	9.810	152	807654	20.749	ng	99
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

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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 : 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

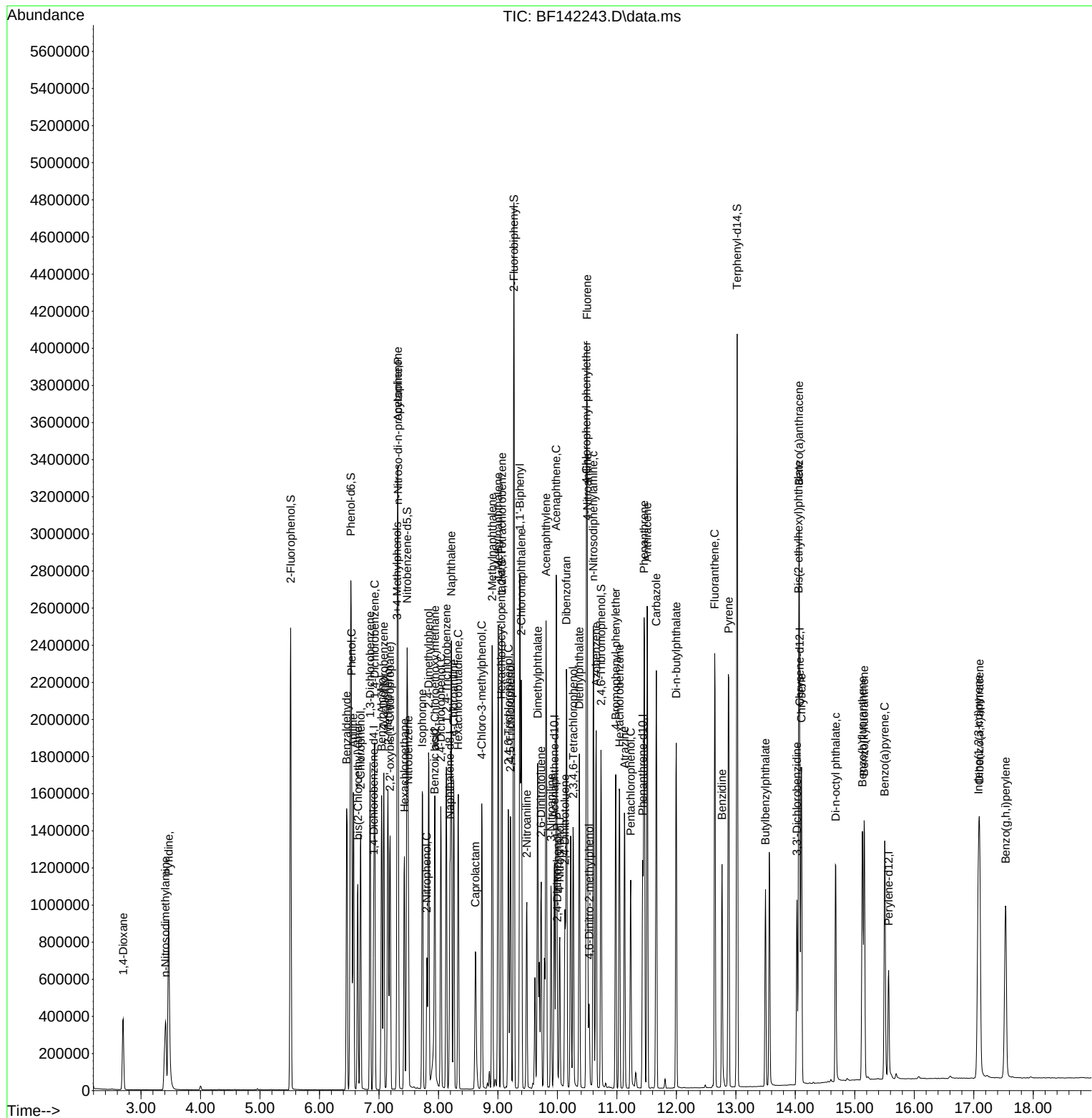
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	299967	44.113	ng	100
46) 1,1'-Biphenyl	9.369	154	1172400	40.664	ng	100
47) 2-Chloronaphthalene	9.392	162	879152	40.984	ng	100
48) 2-Nitroaniline	9.487	65	218766	39.600	ng	100
49) Acenaphthylene	9.810	152	1481543	40.929	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

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jaagrut 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

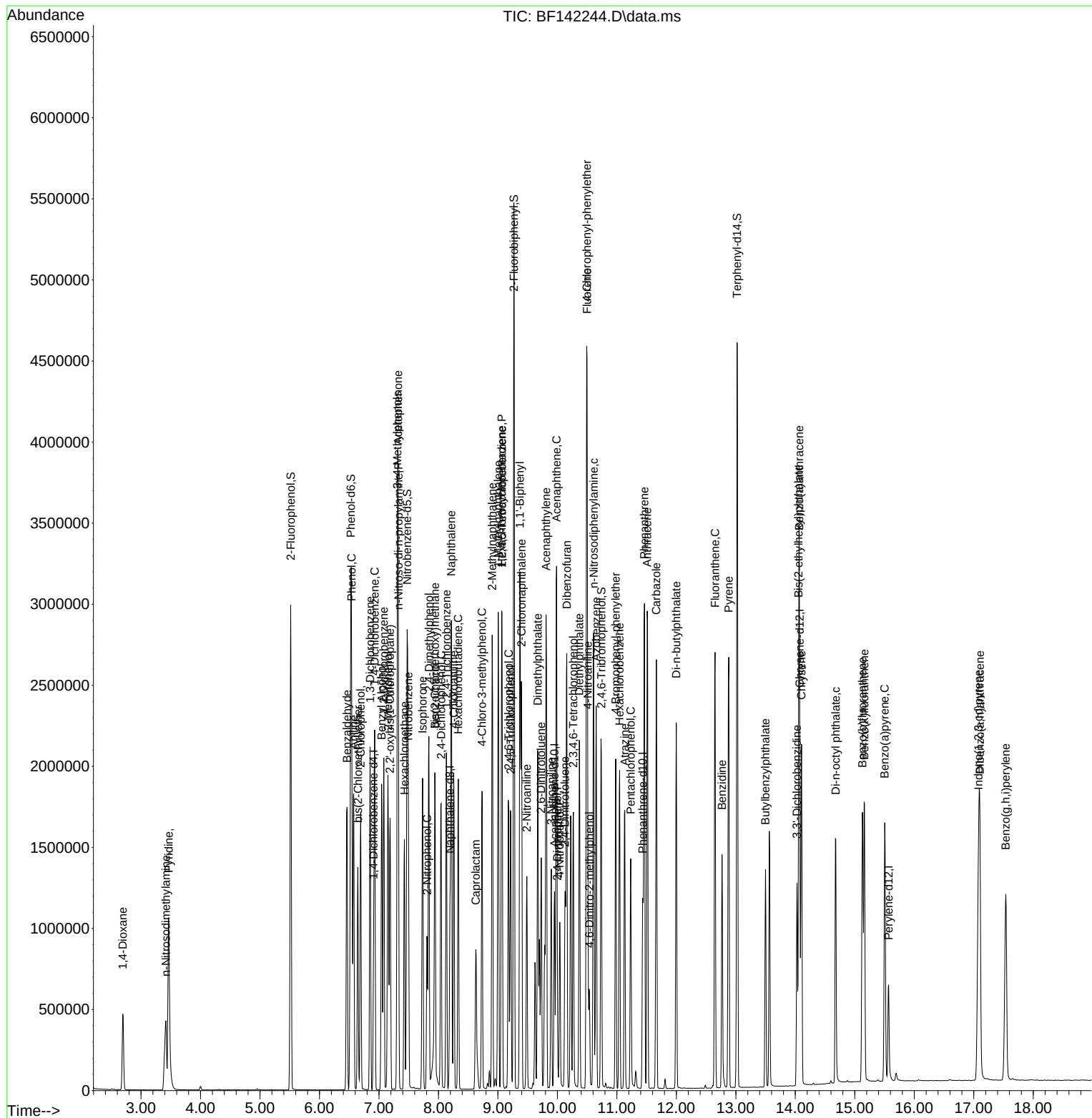
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142244.D
 Acq On : 30 Apr 2025 13:46
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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



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

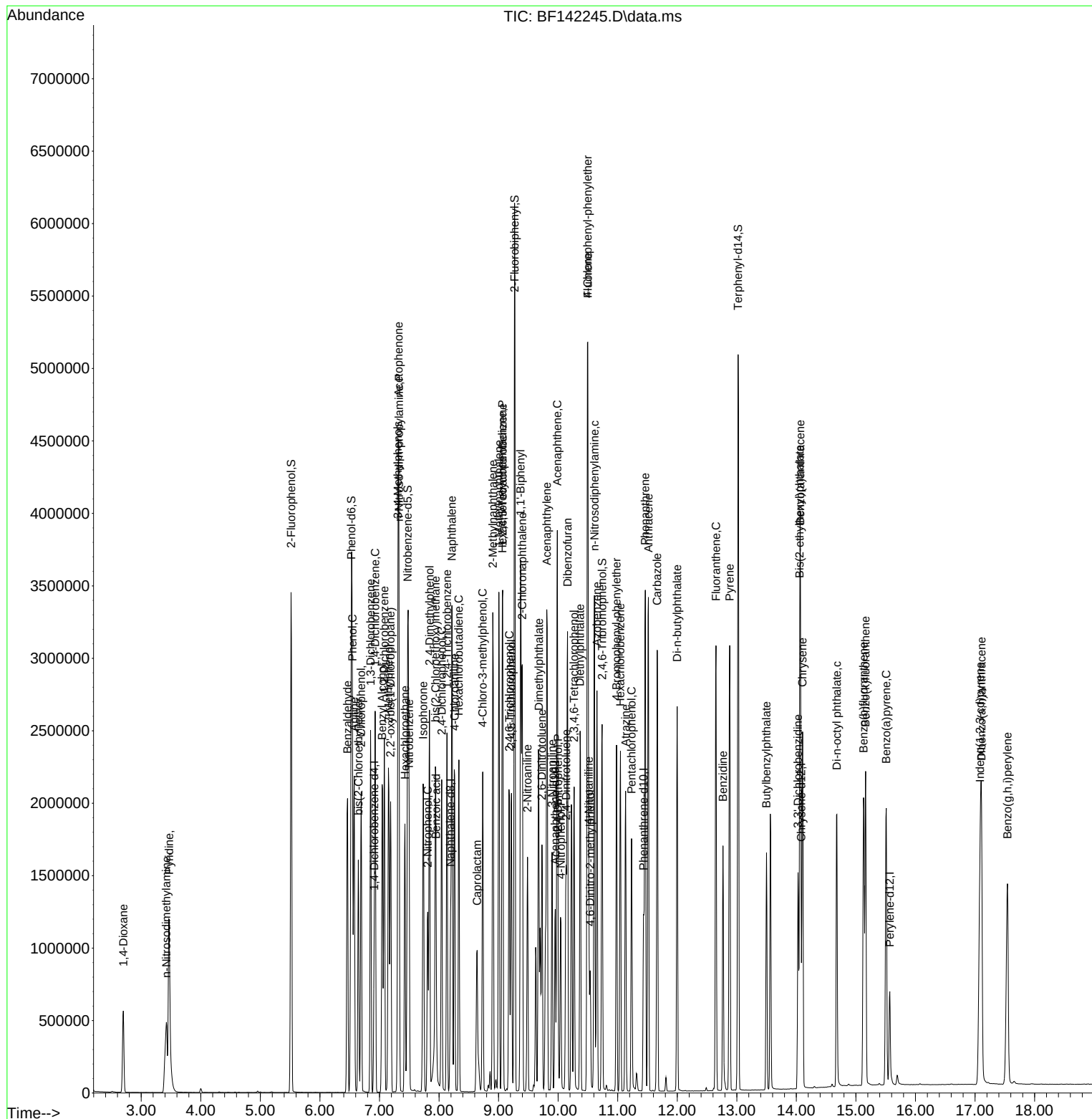
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142245.D
Acq On : 30 Apr 2025 14:15
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

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



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

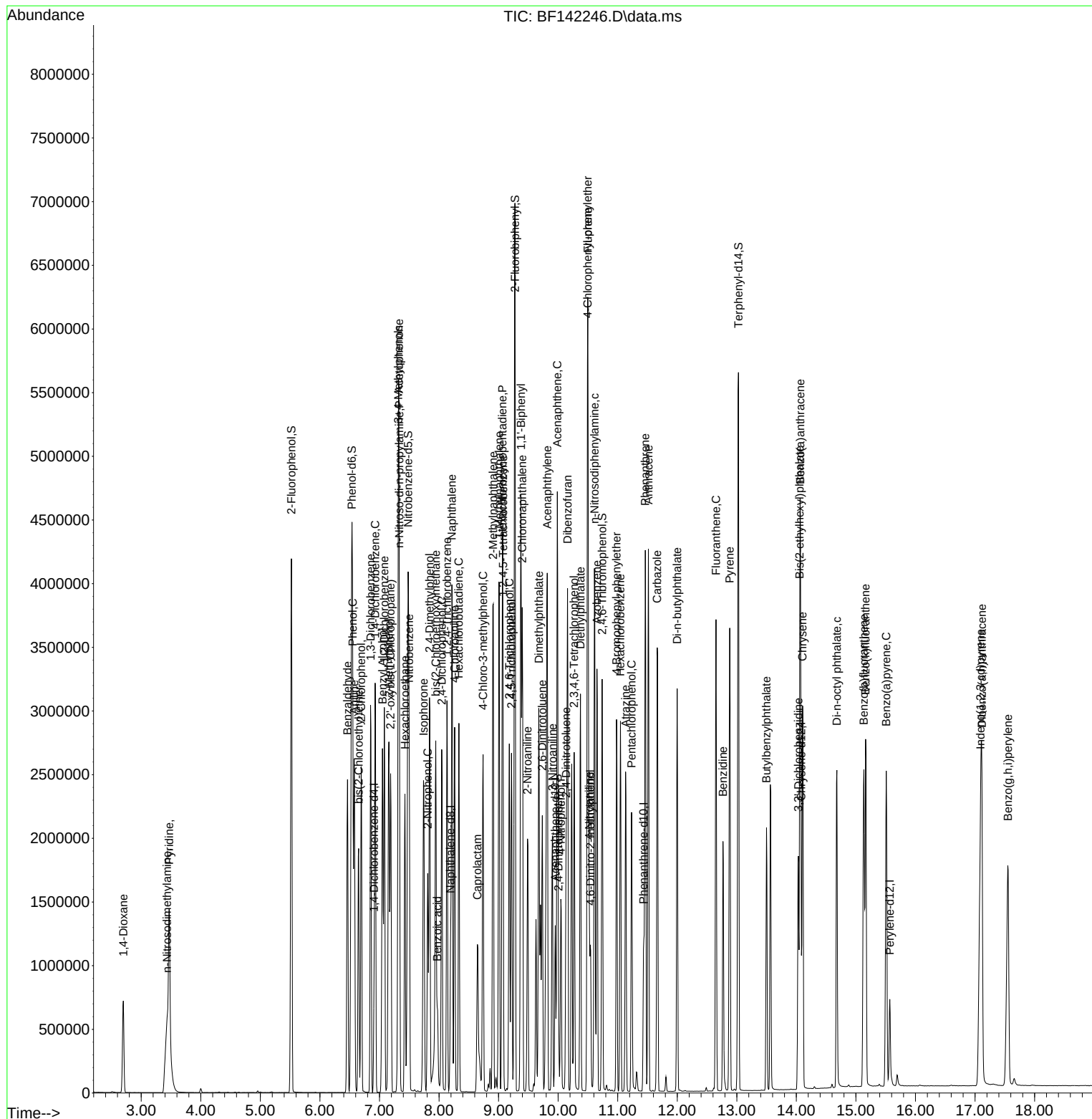
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142246.D
Acq On : 30 Apr 2025 14:43
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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

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 : 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

```

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

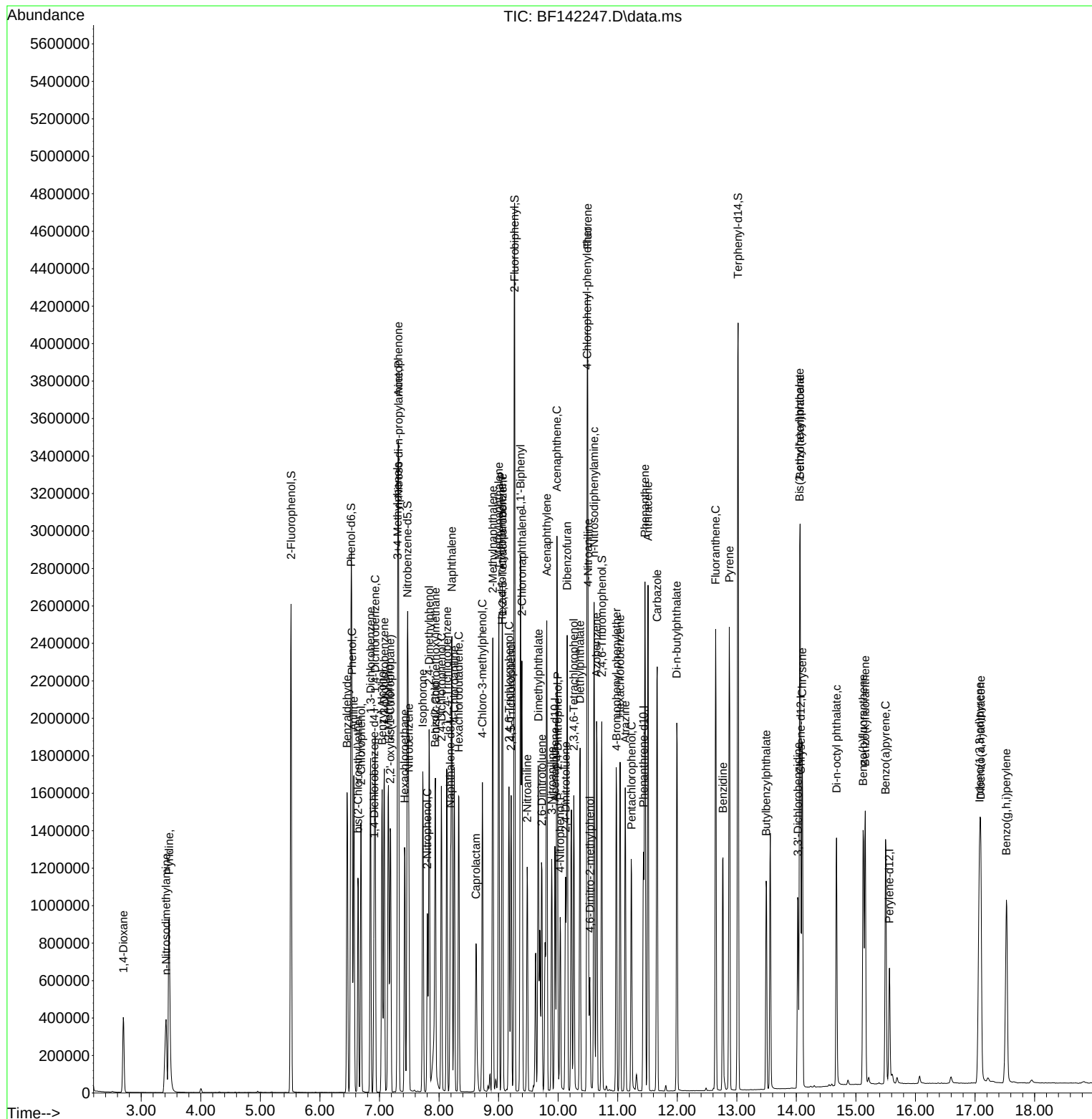
```

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



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: WALS01
 Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907
 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

86) I	Perylene-d12	-----ISTD-----	
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

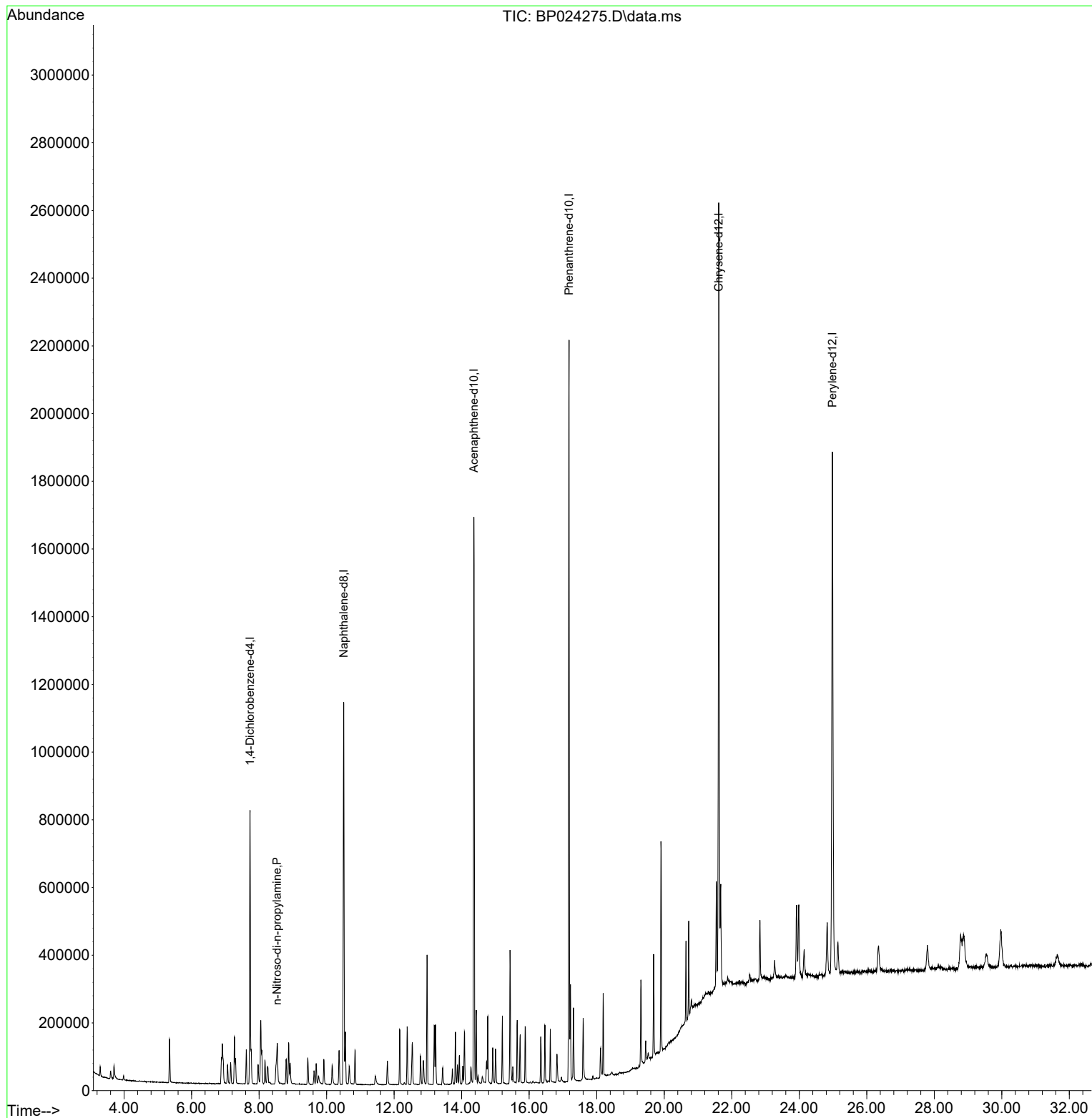
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	229109	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	962244	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	614109	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1238206	20.000	ng	0.02
76) Chrysene-d12	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						
19) n-Nitroso-di-n-propyla...	8.528	70	26959	2.285	ng	Qvalue 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

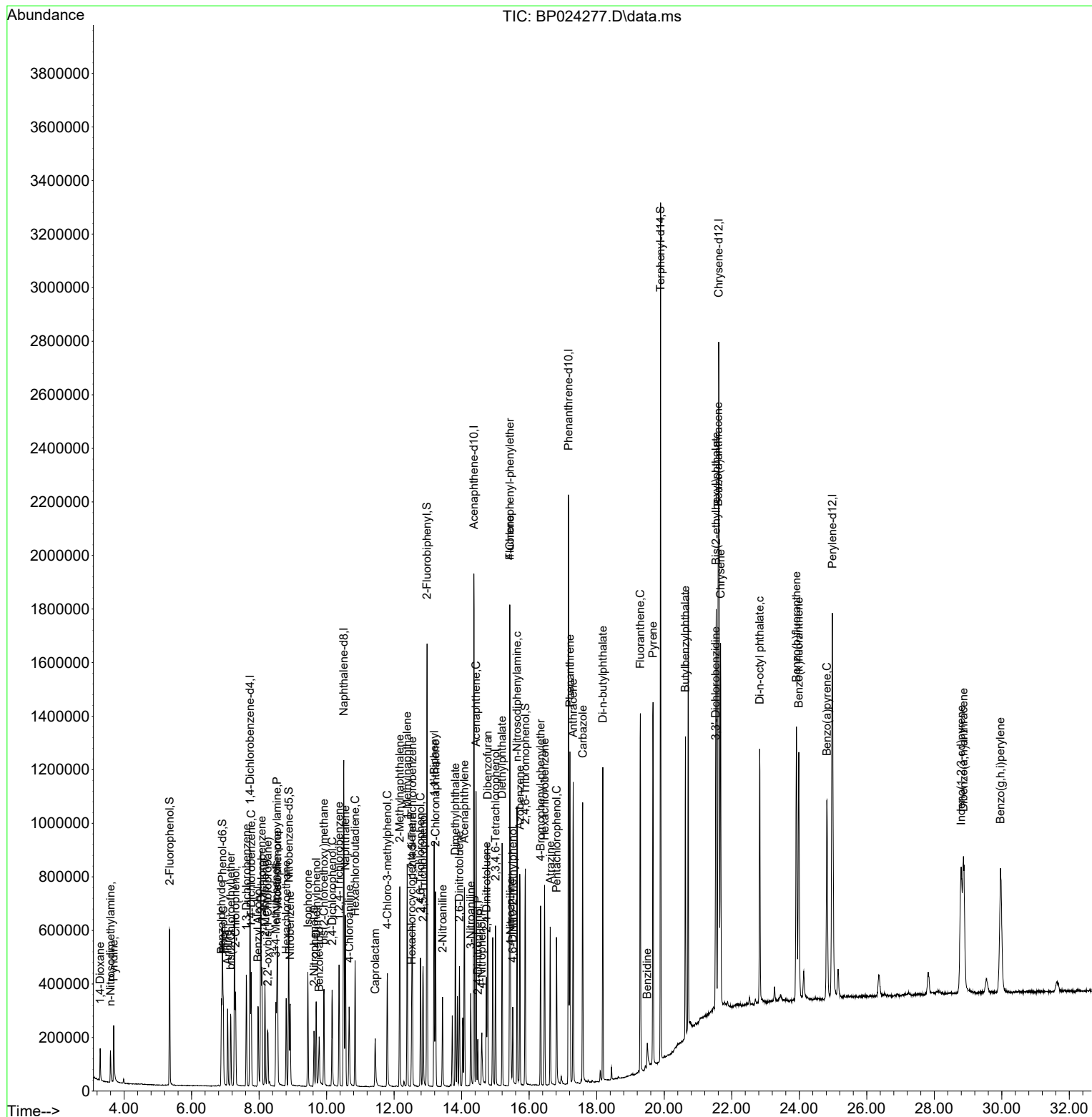
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	122104	9.251	ng	98
46) 1,1'-Biphenyl	13.187	154	490325	10.080	ng	100
47) 2-Chloronaphthalene	13.228	162	362419	9.985	ng	98
48) 2-Nitroaniline	13.434	65	88889	8.866	ng	95
49) Acenaphthylene	14.081	152	553215	9.711	ng	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

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



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

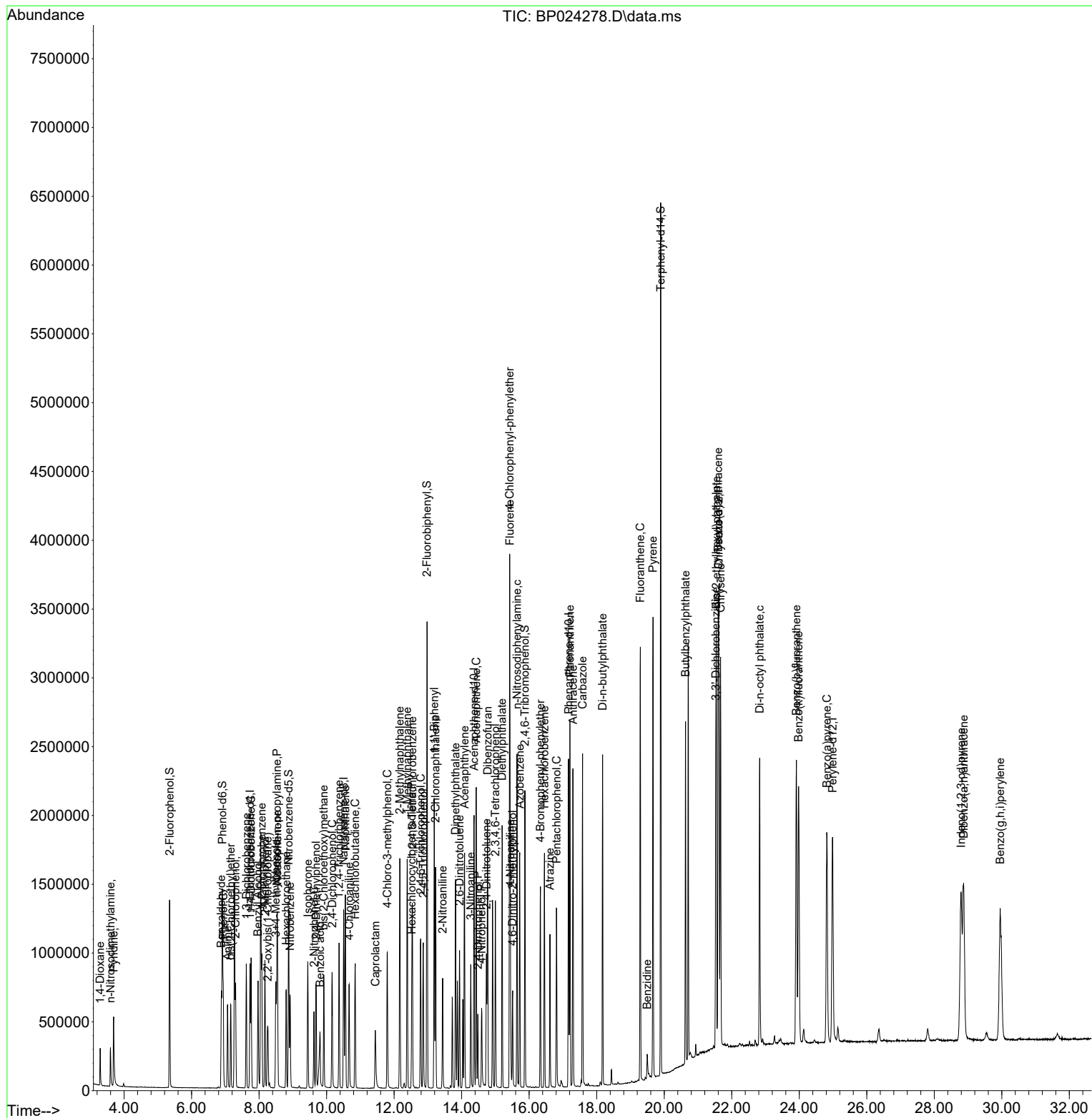
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	281887	20.424	ng	99
46) 1,1'-Biphenyl	13.187	154	1052618	20.694	ng	100
47) 2-Chloronaphthalene	13.228	162	782040	20.603	ng	99
48) 2-Nitroaniline	13.440	65	218194	20.811	ng	99
49) Acenaphthylene	14.087	152	1234728	20.726	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

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



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-phenyle...	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

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

[illegible]

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

Abundance

TIC: BP024280.D\data.ms

Time-->

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, S
Benzoic acid bis(2,4-dichlorophenyl), C
Naphthalene-d1, 2,4-Tetrachlorophenyl
4-Chlorophenyl, S
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylphthalene
Hexachlorocyclopentadiene, S
2,3,5-Trinitrophenol, S
2-Nitroaniline
2,6-Dinitrotoluene
Dimethylphthalate
Acenaphthylene
Acenaphthene, C
2,4-Dinitrophenol, S
2,4-Dinitrophenyl, S
2,3,4,6-Tetrachlorophthalate
4-Chlorophenyl, S
Nitrosodiphenylamine, c
2,4,6-Trinitrophenol, S
4-Chlorophenyl, S
Phenanthrene, C
Pentachlorophenol, C
Phenanthrene-d10,1
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-d12,1
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

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

[illegible]

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

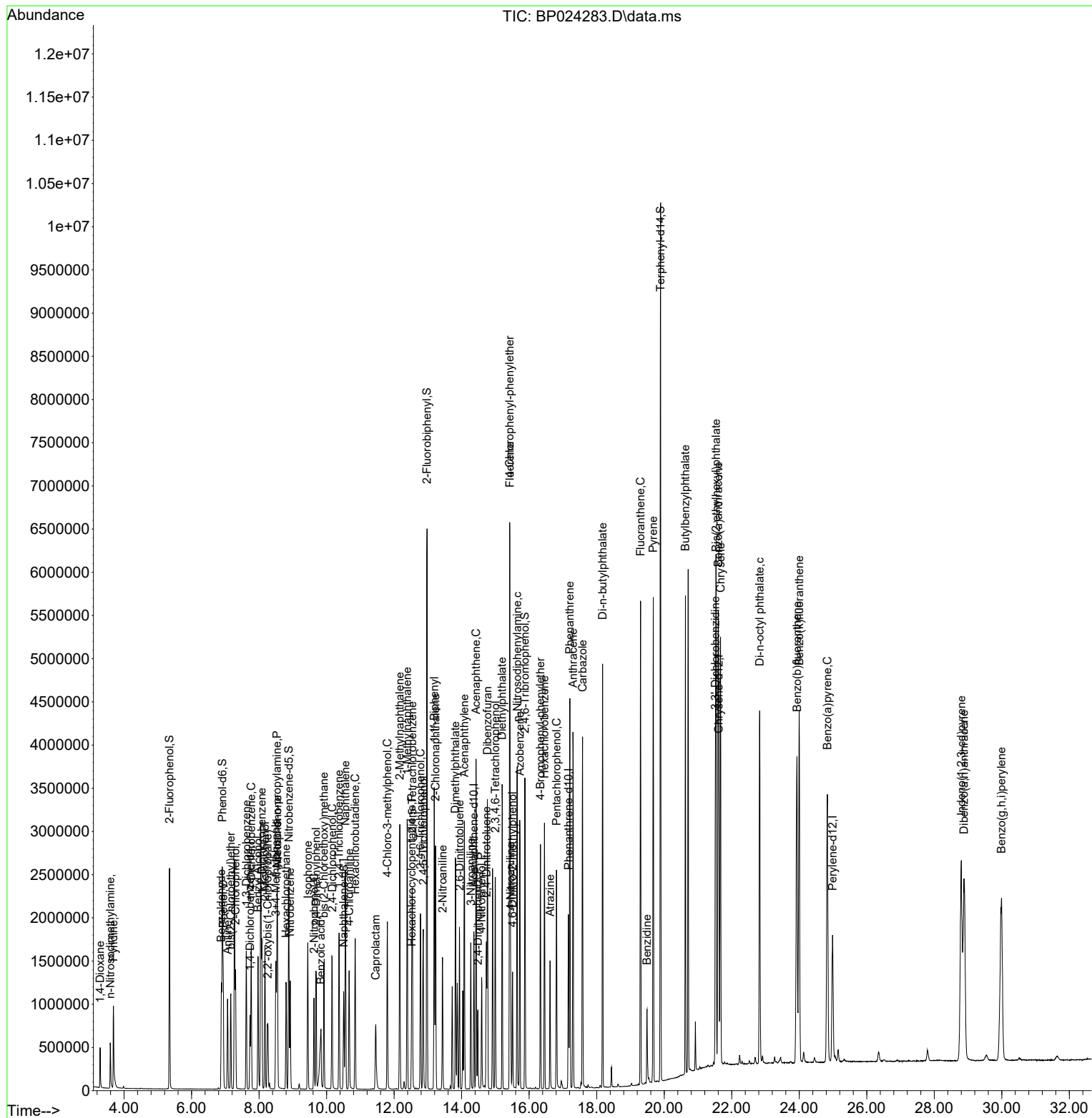
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	520298	42.828	ng	97
46) 1,1'-Biphenyl	13.187	154	1834570	41.595	ng	99
47) 2-Chloronaphthalene	13.228	162	1377424	41.786	ng	100
48) 2-Nitroaniline	13.434	65	392742	42.475	ng	98
49) Acenaphthylene	14.081	152	2168474	41.783	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 :
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



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	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\
 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	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

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	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\
 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)
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

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)
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	Benzidine	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: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907

Instrument ID: BNA_F Calibration Date/Time: 05/01/2025 10:17

Lab File ID: BF142250.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	1.532		5.4	
2-Fluorophenol	1.252	1.250		-0.2	
Phenol-d6	1.512	1.575		4.2	
1,4-Dichlorobenzene	1.475	1.526		3.5	20.0
2-Methylphenol	1.060	1.103		4.1	
3+4-Methylphenols	1.326	1.404		5.9	
Nitrobenzene-d5	0.304	0.333		9.5	
Hexachloroethane	0.483	0.505		4.6	
Nitrobenzene	0.299	0.320		7.0	
Hexachlorobutadiene	0.175	0.186		6.3	20.0
2,4,6-Trichlorophenol	0.349	0.354		1.4	20.0
2-Fluorobiphenyl	1.418	1.409		-0.6	
2,4,5-Trichlorophenol	0.367	0.386		5.2	
2,4-Dinitrotoluene	0.239	0.289		20.9	
2,4,6-Tribromophenol	0.182	0.196		7.7	
Hexachlorobenzene	0.249	0.257		3.2	
Pentachlorophenol	0.132	0.137		3.8	20.0
Terphenyl-d14	1.375	1.422		3.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul

Chavli

05/02/2025

Supervised By :Jagrut

Upadhyay

05/02/2025

Quant Time: May 01 11:46:27 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	186578	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	719586	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381198	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	647816	20.000	ng	0.00
76) Chrysene-d12	14.074	240	384442	20.000	ng	0.00
86) Perylene-d12	15.562	264	349272	20.000	ng	0.00

05/02/2025

Supervised By :Jagrut

Upadhyay

System Monitoring Compounds

5) 2-Fluorophenol	5.516	112	932561	79.825	ng	0.00
7) Phenol-d6	6.522	99	1175099	83.296	ng	0.00
23) Nitrobenzene-d5	7.475	82	958053	87.469	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	298805	85.983	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2147916	79.446	ng	0.00
79) Terphenyl-d14	13.021	244	2186580	82.722	ng	0.00

05/02/2025

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.699	88	216157	41.429	ng	98
3) Pyridine	3.463	79	571670	42.158	ng	98
4) n-Nitrosodimethylamine	3.410	42	297662	42.418	ng	97
6) Aniline	6.569	93	830257	41.579	ng	100
8) 2-Chlorophenol	6.687	128	475745	39.409	ng	98
9) Benzaldehyde	6.457	77	418699	42.464	ng	100
10) Phenol	6.540	94	617909m	40.684	ng	
11) bis(2-Chloroethyl)ether	6.640	93	494668	42.030	ng	99
12) 1,3-Dichlorobenzene	6.851	146	566821	41.505	ng	99
13) 1,4-Dichlorobenzene	6.928	146	569459	41.388	ng	100
14) 1,2-Dichlorobenzene	7.081	146	550181	41.885	ng	99
15) Benzyl Alcohol	7.045	79	411183	41.095	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	889834	41.870	ng	99
17) 2-Methylphenol	7.151	107	411493	41.610	ng	99
18) Hexachloroethane	7.422	117	188542	41.867	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	356048	40.842	ng	99
20) 3+4-Methylphenols	7.304	107	523765	42.351	ng	97
22) Acetophenone	7.316	105	690233	41.462	ng	98
24) Nitrobenzene	7.492	77	461069	42.902	ng	96
25) Isophorone	7.728	82	966817	42.059	ng	100
26) 2-Nitrophenol	7.804	139	140561	34.044	ng	99
27) 2,4-Dimethylphenol	7.834	122	485594	41.898	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	606286	41.820	ng	100
29) 2,4-Dichlorophenol	8.039	162	409683	42.280	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	453172	41.910	ng	99
31) Naphthalene	8.216	128	1482230	41.304	ng	100
32) Benzoic acid	7.928	122	168727m	34.514	ng	
33) 4-Chloroaniline	8.257	127	622889	41.683	ng	100
34) Hexachlorobutadiene	8.334	225	267370	42.382	ng	100
35) Caprolactam	8.622	113	129344	44.410	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	431195	43.337	ng	99
37) 2-Methylnaphthalene	8.904	142	913767	41.414	ng	99
38) 1-Methylnaphthalene	9.004	142	950787	41.597	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	435999	40.641	ng	100
41) Hexachlorocyclopentadiene	9.057	237	241144	39.605	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	269577	40.551	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul

Chavli

05/02/2025

Supervised By :Jagrut

Upadhyay

05/02/2025

Quant Time: May 01 11:46:27 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	294308	42.108	ng	99	05/02/2025
46) 1,1'-Biphenyl	9.369	154	1212716	40.922	ng	99	Supervised By :Jagrut
47) 2-Chloronaphthalene	9.392	162	896541	40.663	ng	99	Upadhyay
48) 2-Nitroaniline	9.480	65	211351	37.508	ng	97	
49) Acenaphthylene	9.810	152	1521943	40.906	ng	100	
50) Dimethylphthalate	9.669	163	1026519	42.093	ng	100	
51) 2,6-Dinitrotoluene	9.728	165	176156	38.527	ng	98	05/02/2025
52) Acenaphthene	9.980	154	903201	41.576	ng	100	
53) 3-Nitroaniline	9.892	138	225294	40.152	ng	100	
54) 2,4-Dinitrophenol	9.992	184	42525	37.926	ng	# 1	
55) Dibenzofuran	10.151	168	1350916	41.484	ng	99	
56) 4-Nitrophenol	10.039	139	159868	41.706	ng	98	
57) 2,4-Dinitrotoluene	10.128	165	220248	39.850	ng	99	
58) Fluorene	10.498	166	1007989	40.709	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.263	232	245919	42.475	ng	99	
60) Diethylphthalate	10.369	149	1030685	42.799	ng	99	
61) 4-Chlorophenyl-phenyle...	10.486	204	486030	41.333	ng	99	
62) 4-Nitroaniline	10.504	138	215440	42.018	ng	98	
63) Azobenzene	10.645	77	996298	41.895	ng	98	
65) 4,6-Dinitro-2-methylph...	10.533	198	69294	35.905	ng	99	
66) n-Nitrosodiphenylamine	10.604	169	914630	41.322	ng	100	
67) 4-Bromophenyl-phenylether	10.980	248	304870	42.258	ng	99	
68) Hexachlorobenzene	11.039	284	332960	41.207	ng	94	
69) Atrazine	11.127	200	264074	45.262	ng	100	
70) Pentachlorophenol	11.233	266	177109	41.491	ng	99	
71) Phenanthrene	11.457	178	1446110	41.326	ng	100	
72) Anthracene	11.510	178	1479001	41.339	ng	100	
73) Carbazole	11.663	167	1352106	41.429	ng	100	
74) Di-n-butylphthalate	11.998	149	1472584	44.864	ng	100	
75) Fluoranthene	12.645	202	1485579	42.947	ng	100	
77) Benzidine	12.769	184	754042	46.160	ng	99	
78) Pyrene	12.874	202	1490017	42.016	ng	100	
80) Butylbenzylphthalate	13.498	149	385725	40.417	ng	98	
81) Benzo(a)anthracene	14.063	228	1059415	41.049	ng	99	
82) 3,3'-Dichlorobenzidine	14.027	252	323049	42.615	ng	100	
83) Chrysene	14.104	228	997135	42.445	ng	100	
84) Bis(2-ethylhexyl)phtha...	14.057	149	477774	36.467	ng	100	
85) Di-n-octyl phthalate	14.674	149	782817	33.845	ng	100	
87) Indeno(1,2,3-cd)pyrene	17.074	276	1071010	41.864	ng	100	
88) Benzo(b)fluoranthene	15.127	252	867766	39.998	ng	99	
89) Benzo(k)fluoranthene	15.157	252	866064	43.643	ng	99	
90) Benzo(a)pyrene	15.504	252	833612	41.969	ng	99	
91) Dibenzo(a,h)anthracene	17.098	278	878980	42.333	ng	99	
92) Benzo(g,h,i)perylene	17.533	276	873517	41.848	ng	100	

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

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\  
Data File : BF142250.D  
Acq On    : 01 May 2025  10:17  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chayli

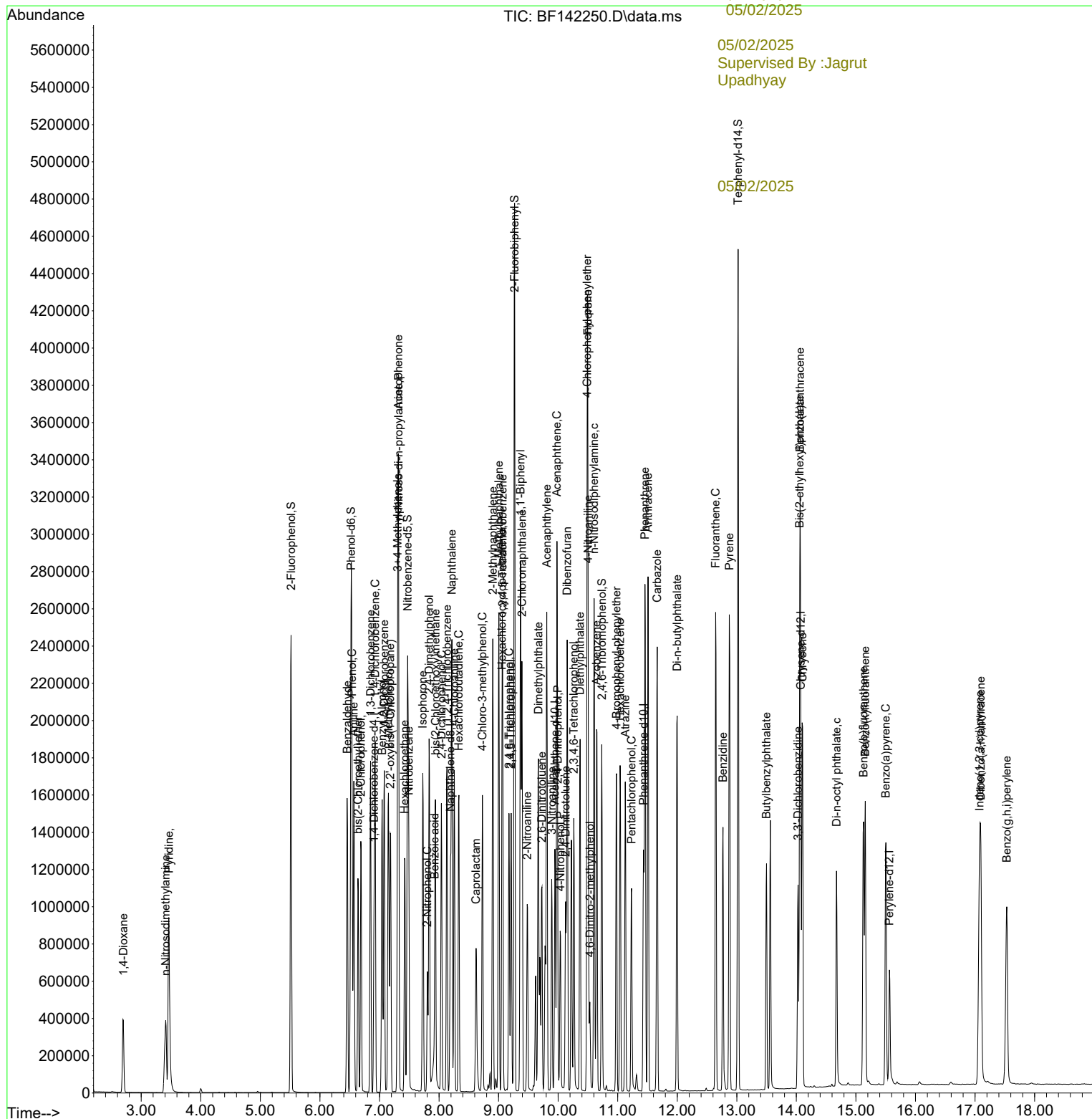
05/02/2025

Supervised By :Jagrut
Upadhyay
05/02/2025

05/02/2025
Supervised By :Jagrut
Upadhyay

050 Terphenyl-d14,S

05/02/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 01 11:46:27 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	104	0.00
2	1,4-Dioxane	0.559	0.579	-3.6	101	0.00
3	Pyridine	1.454	1.532	-5.4	104	0.00
4	n-Nitrosodimethylamine	0.752	0.798	-6.1	103	0.00
5 S	2-Fluorophenol	1.252	1.250	0.2	99	0.00
6	Aniline	2.140	2.225	-4.0	103	0.00
7 S	Phenol-d6	1.512	1.575	-4.2	102	0.00
8	2-Chlorophenol	1.294	1.275	1.5	96	0.00
9	Benzaldehyde	1.057	1.122	-6.1	104	0.00
10 C	Phenol	1.628	1.656	-1.7	100	0.00
11	bis(2-Chloroethyl)ether	1.262	1.326	-5.1	104	0.00
12	1,3-Dichlorobenzene	1.464	1.519	-3.8	103	0.00
13 C	1,4-Dichlorobenzene	1.475	1.526	-3.5	102	0.00
14	1,2-Dichlorobenzene	1.408	1.474	-4.7	104	0.00
15	Benzyl Alcohol	1.073	1.102	-2.7	99	0.00
16	2,2'-oxybis(1-Chloropropane	2.278	2.385	-4.7	104	0.00
17	2-Methylphenol	1.060	1.103	-4.1	102	0.00
18	Hexachloroethane	0.483	0.505	-4.6	103	0.00
19 P	n-Nitroso-di-n-propylamine	0.934	0.954	-2.1	102	0.00
20	3+4-Methylphenols	1.326	1.404	-5.9	104	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22	Acetophenone	0.463	0.480	-3.7	104	0.00
23 S	Nitrobenzene-d5	0.304	0.333	-9.5	100	0.00
24	Nitrobenzene	0.299	0.320	-7.0	100	0.00
25	Isophorone	0.639	0.672	-5.2	104	0.00
26 C	2-Nitrophenol	0.102	0.098	3.9	86	0.00
27	2,4-Dimethylphenol	0.322	0.337	-4.7	102	0.00
28	bis(2-Chloroethoxy)methane	0.403	0.421	-4.5	103	0.00
29 C	2,4-Dichlorophenol	0.269	0.285	-5.9	100	0.00
30	1,2,4-Trichlorobenzene	0.301	0.315	-4.7	103	0.00
31	Naphthalene	0.997	1.030	-3.3	103	0.00
32	Benzoic acid	0.125	0.117	6.4	92	0.00
33	4-Chloroaniline	0.415	0.433	-4.3	103	0.00
34 C	Hexachlorobutadiene	0.175	0.186	-6.3	103	0.00
35	Caprolactam	0.081	0.090	-11.1	106	0.00
36 C	4-Chloro-3-methylphenol	0.277	0.300	-8.3	103	0.00
37	2-Methylnaphthalene	0.613	0.635	-3.6	104	0.00
38	1-Methylnaphthalene	0.635	0.661	-4.1	103	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	0.563	0.572	-1.6	102	0.00
41 P	Hexachlorocyclopentadiene	0.319	0.316	0.9	92	0.00
42 S	2,4,6-Tribromophenol	0.182	0.196	-7.7	99	0.00
43 C	2,4,6-Trichlorophenol	0.349	0.354	-1.4	98	0.00
44	2,4,5-Trichlorophenol	0.367	0.386	-5.2	98	0.00
45 S	2-Fluorobiphenyl	1.418	1.409	0.6	103	0.00
46	1,1'-Biphenyl	1.555	1.591	-2.3	103	0.00
47	2-Chloronaphthalene	1.157	1.176	-1.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 01 11:46:27 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	0.277	-11.2	97	0.00
49	Acenaphthylene	1.952	1.996	-2.3	103	0.00
50	Dimethylphthalate	1.280	1.346	-5.2	105	0.00
51	2,6-Dinitrotoluene	0.204	0.231	-13.2	98	0.00
52 C	Acenaphthene	1.140	1.185	-3.9	104	0.00
53	3-Nitroaniline	0.257	0.296	-15.2	102	0.00
54 P	2,4-Dinitrophenol	0.058	0.056	3.4	101	0.00
55	Dibenzofuran	1.709	1.772	-3.7	104	0.00
56 P	4-Nitrophenol	0.201	0.210	-4.5	100	0.00
57	2,4-Dinitrotoluene	0.239	0.289	-20.9	104	0.00
58	Fluorene	1.299	1.322	-1.8	103	0.00
59	2,3,4,6-Tetrachlorophenol	0.304	0.323	-6.3	99	0.00
60	Diethylphthalate	1.263	1.352	-7.0	106	0.00
61	4-Chlorophenyl-phenylether	0.617	0.638	-3.4	104	0.00
62	4-Nitroaniline	0.238	0.283	-18.9	107	0.00
63	Azobenzene	1.248	1.307	-4.7	105	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	0.054	0.053	1.9	102	0.00
66 c	n-Nitrosodiphenylamine	0.683	0.706	-3.4	104	0.00
67	4-Bromophenyl-phenylether	0.223	0.235	-5.4	105	0.00
68	Hexachlorobenzene	0.249	0.257	-3.2	104	0.00
69	Atrazine	0.180	0.204	-13.3	112	0.00
70 C	Pentachlorophenol	0.132	0.137	-3.8	100	0.00
71	Phenanthrene	1.080	1.116	-3.3	105	0.00
72	Anthracene	1.105	1.142	-3.3	106	0.00
73	Carbazole	1.008	1.044	-3.6	106	0.00
74	Di-n-butylphthalate	1.013	1.137	-12.2	112	0.00
75 C	Fluoranthene	1.068	1.147	-7.4	111	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	116	0.00
77	Benzydine	0.850	0.981	-15.4	118	0.00
78	Pyrene	1.845	1.938	-5.0	111	0.00
79 S	Terphenyl-d14	1.375	1.422	-3.4	111	0.00
80	Butylbenzylphthalate	0.425	0.502	-18.1	115	0.00
81	Benzo(a)anthracene	1.343	1.378	-2.6	111	0.00
82	3,3'-Dichlorobenzidine	0.394	0.420	-6.6	110	0.00
83	Chrysene	1.222	1.297	-6.1	122	0.00
84	Bis(2-ethylhexyl)phthalate	0.604	0.621	-2.8	104	0.00
85 c	Di-n-octyl phthalate	1.133	1.018	10.2	94	0.00
86 I	Perylene-d12	1.000	1.000	0.0	106	0.00
87	Indeno(1,2,3-cd)pyrene	1.465	1.533	-4.6	101	0.00
88	Benzo(b)fluoranthene	1.242	1.242	0.0	101	0.00
89	Benzo(k)fluoranthene	1.136	1.240	-9.2	115	0.00
90 C	Benzo(a)pyrene	1.137	1.193	-4.9	105	0.00
91	Dibenzo(a,h)anthracene	1.189	1.258	-5.8	102	0.00
92	Benzo(g,h,i)perylene	1.195	1.250	-4.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 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 = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 01 11:46:27 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	104	0.00
2	1,4-Dioxane	40.000	41.429	-3.6	101	0.00
3	Pyridine	40.000	42.158	-5.4	104	0.00
4	n-Nitrosodimethylamine	40.000	42.418	-6.0	103	0.00
5 S	2-Fluorophenol	80.000	79.825	0.2	99	0.00
6	Aniline	40.000	41.579	-3.9	103	0.00
7 S	Phenol-d6	80.000	83.296	-4.1	102	0.00
8	2-Chlorophenol	40.000	39.409	1.5	96	0.00
9	Benzaldehyde	40.000	42.464	-6.2	104	0.00
10 C	Phenol	40.000	40.684	-1.7	100	0.00
11	bis(2-Chloroethyl)ether	40.000	42.030	-5.1	104	0.00
12	1,3-Dichlorobenzene	40.000	41.505	-3.8	103	0.00
13 C	1,4-Dichlorobenzene	40.000	41.388	-3.5	102	0.00
14	1,2-Dichlorobenzene	40.000	41.885	-4.7	104	0.00
15	Benzyl Alcohol	40.000	41.095	-2.7	99	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.870	-4.7	104	0.00
17	2-Methylphenol	40.000	41.610	-4.0	102	0.00
18	Hexachloroethane	40.000	41.867	-4.7	103	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.842	-2.1	102	0.00
20	3+4-Methylphenols	40.000	42.351	-5.9	104	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22	Acetophenone	40.000	41.462	-3.7	104	0.00
23 S	Nitrobenzene-d5	80.000	87.469	-9.3	100	0.00
24	Nitrobenzene	40.000	42.902	-7.3	100	0.00
25	Isophorone	40.000	42.059	-5.1	104	0.00
26 C	2-Nitrophenol	40.000	34.044	14.9	86	0.00
27	2,4-Dimethylphenol	40.000	41.898	-4.7	102	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.820	-4.6	103	0.00
29 C	2,4-Dichlorophenol	40.000	42.280	-5.7	100	0.00
30	1,2,4-Trichlorobenzene	40.000	41.910	-4.8	103	0.00
31	Naphthalene	40.000	41.304	-3.3	103	0.00
32	Benzoic acid	40.000	34.514	13.7	92	0.00
33	4-Chloroaniline	40.000	41.683	-4.2	103	0.00
34 C	Hexachlorobutadiene	40.000	42.382	-6.0	103	0.00
35	Caprolactam	40.000	44.410	-11.0	106	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.337	-8.3	103	0.00
37	2-Methylnaphthalene	40.000	41.414	-3.5	104	0.00
38	1-Methylnaphthalene	40.000	41.597	-4.0	103	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.641	-1.6	102	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.605	1.0	92	0.00
42 S	2,4,6-Tribromophenol	80.000	85.983	-7.5	99	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.551	-1.4	98	0.00
44	2,4,5-Trichlorophenol	40.000	42.108	-5.3	98	0.00
45 S	2-Fluorobiphenyl	80.000	79.446	0.7	103	0.00
46	1,1'-Biphenyl	40.000	40.922	-2.3	103	0.00
47	2-Chloronaphthalene	40.000	40.663	-1.7	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 01 11:46:27 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	37.508	6.2	97	0.00
49	Acenaphthylene	40.000	40.906	-2.3	103	0.00
50	Dimethylphthalate	40.000	42.093	-5.2	105	0.00
51	2,6-Dinitrotoluene	40.000	38.527	3.7	98	0.00
52 C	Acenaphthene	40.000	41.576	-3.9	104	0.00
53	3-Nitroaniline	40.000	40.152	-0.4	102	0.00
54 P	2,4-Dinitrophenol	40.000	37.926	5.2	101	0.00
55	Dibenzofuran	40.000	41.484	-3.7	104	0.00
56 P	4-Nitrophenol	40.000	41.706	-4.3	100	0.00
57	2,4-Dinitrotoluene	40.000	39.850	0.4	104	0.00
58	Fluorene	40.000	40.709	-1.8	103	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.475	-6.2	99	0.00
60	Diethylphthalate	40.000	42.799	-7.0	106	0.00
61	4-Chlorophenyl-phenylether	40.000	41.333	-3.3	104	0.00
62	4-Nitroaniline	40.000	42.018	-5.0	107	0.00
63	Azobenzene	40.000	41.895	-4.7	105	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	40.000	35.905	10.2	102	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.322	-3.3	104	0.00
67	4-Bromophenyl-phenylether	40.000	42.258	-5.6	105	0.00
68	Hexachlorobenzene	40.000	41.207	-3.0	104	0.00
69	Atrazine	40.000	45.262	-13.2	112	0.00
70 C	Pentachlorophenol	40.000	41.491	-3.7	100	0.00
71	Phenanthrene	40.000	41.326	-3.3	105	0.00
72	Anthracene	40.000	41.339	-3.3	106	0.00
73	Carbazole	40.000	41.429	-3.6	106	0.00
74	Di-n-butylphthalate	40.000	44.864	-12.2	112	0.00
75 C	Fluoranthene	40.000	42.947	-7.4	111	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	116	0.00
77	Benzydine	40.000	46.160	-15.4	118	0.00
78	Pyrene	40.000	42.016	-5.0	111	0.00
79 S	Terphenyl-d14	80.000	82.722	-3.4	111	0.00
80	Butylbenzylphthalate	40.000	40.417	-1.0	115	0.00
81	Benzo(a)anthracene	40.000	41.049	-2.6	111	0.00
82	3,3'-Dichlorobenzidine	40.000	42.615	-6.5	110	0.00
83	Chrysene	40.000	42.445	-6.1	122	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	36.467	8.8	104	0.00
85 c	Di-n-octyl phthalate	40.000	33.845	15.4	94	0.00
86 I	Perylene-d12	20.000	20.000	0.0	106	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.864	-4.7	101	0.00
88	Benzo(b)fluoranthene	40.000	39.998	0.0	101	0.00
89	Benzo(k)fluoranthene	40.000	43.643	-9.1	115	0.00
90 C	Benzo(a)pyrene	40.000	41.969	-4.9	105	0.00
91	Dibenzo(a,h)anthracene	40.000	42.333	-5.8	102	0.00
92	Benzo(g,h,i)perylene	40.000	41.848	-4.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 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 = 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: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907

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

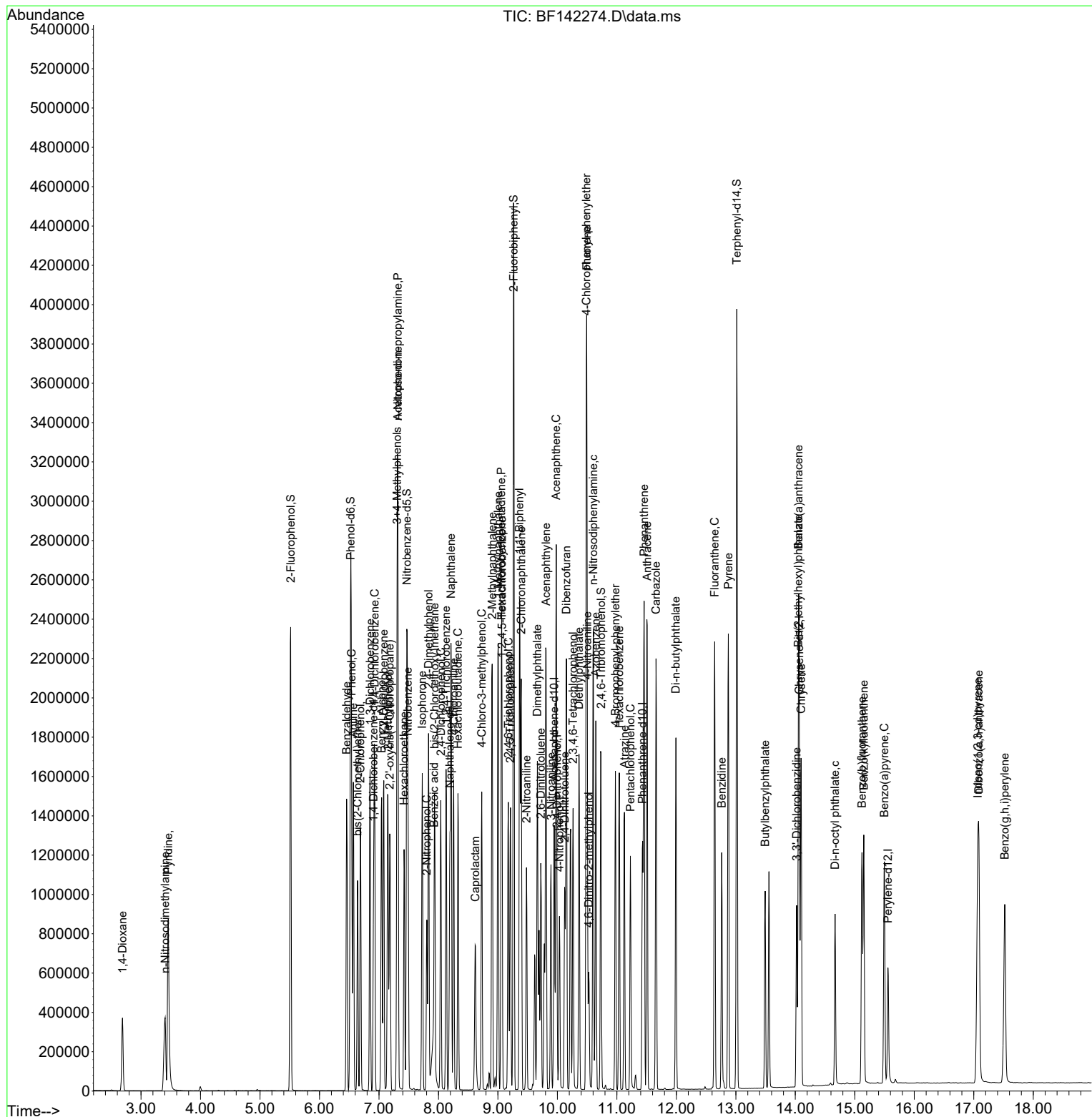
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142274.D
 Acq On : 02 May 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG No.: Q1907

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

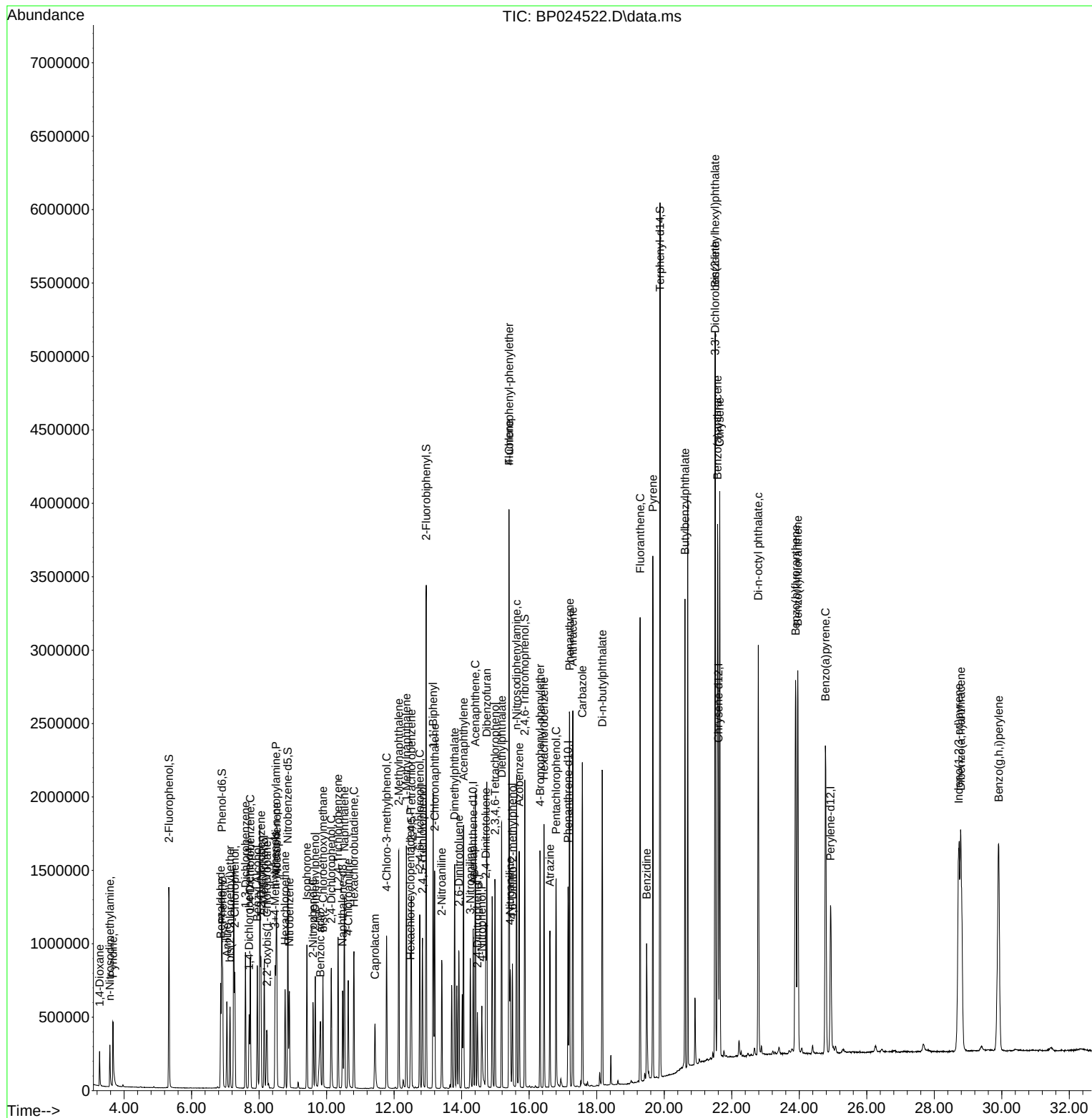
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	291771	40.181	ng	99
46) 1,1'-Biphenyl	13.157	154	996822	37.812	ng	98
47) 2-Chloronaphthalene	13.204	162	751741	38.154	ng	99
48) 2-Nitroaniline	13.410	65	232134	42.002	ng	92
49) Acenaphthylene	14.057	152	1209138	38.978	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
Response via : Initial Calibration



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)
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
 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	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



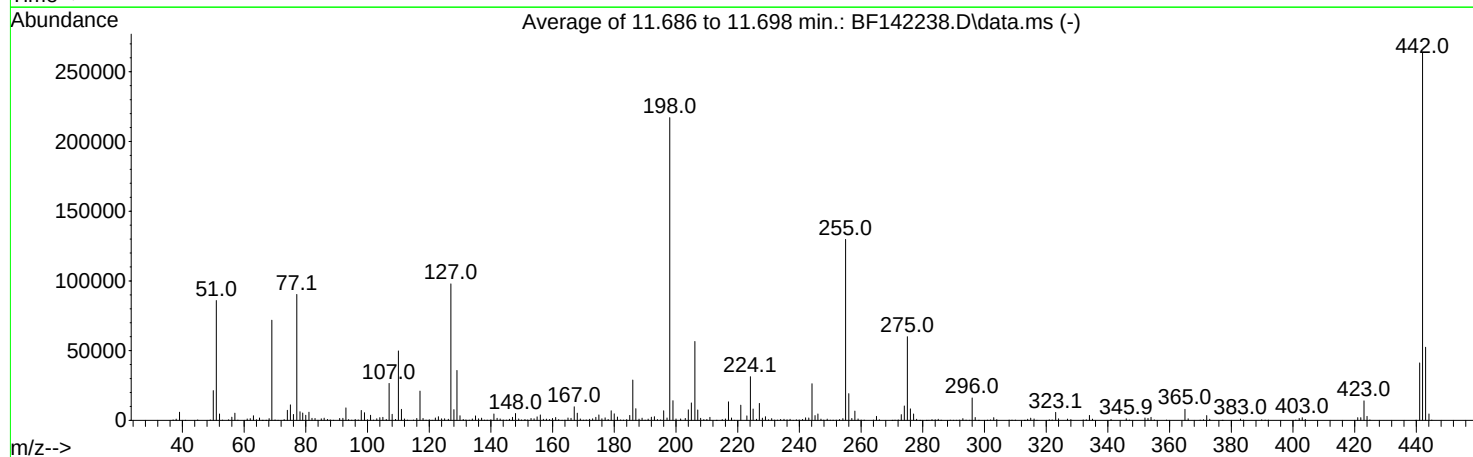
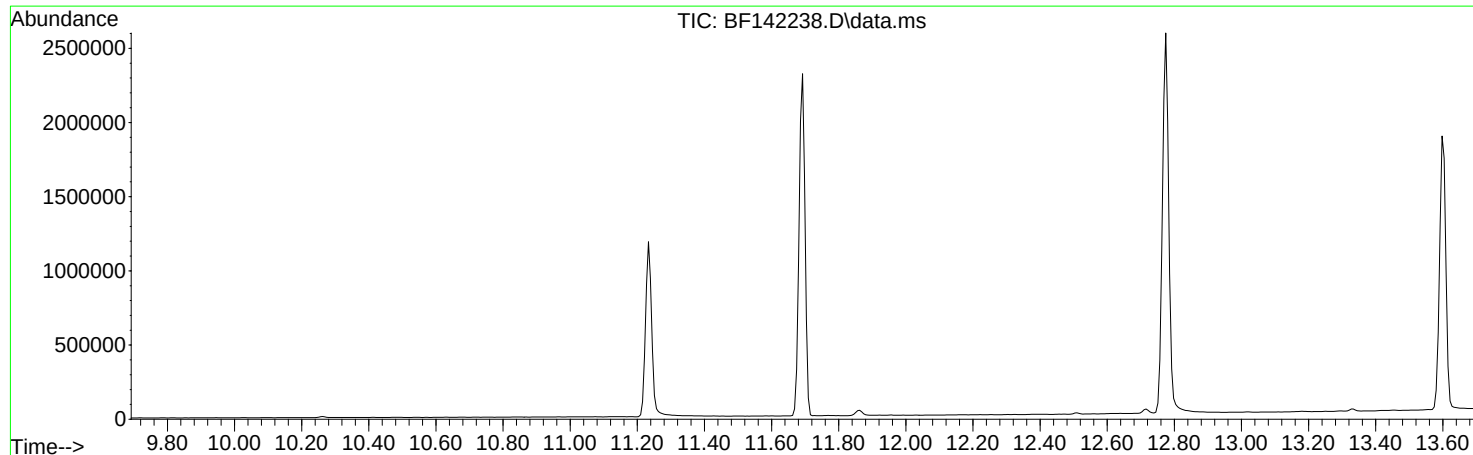
QC SAMPLE DATA

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



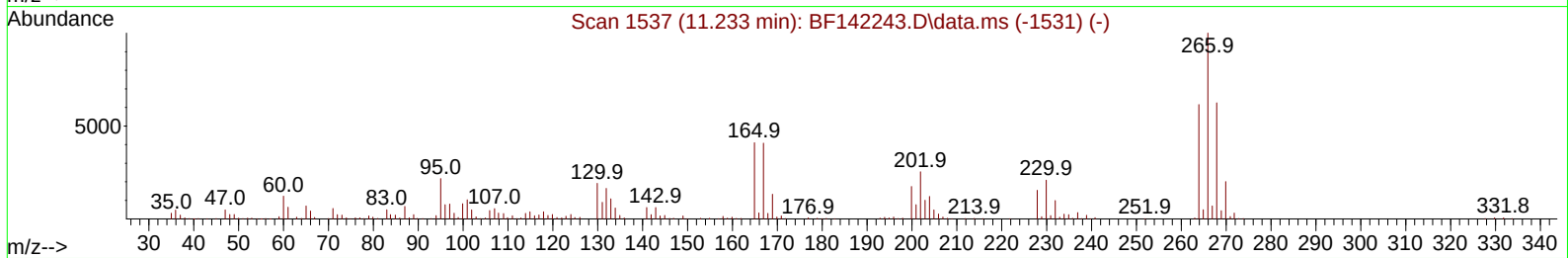
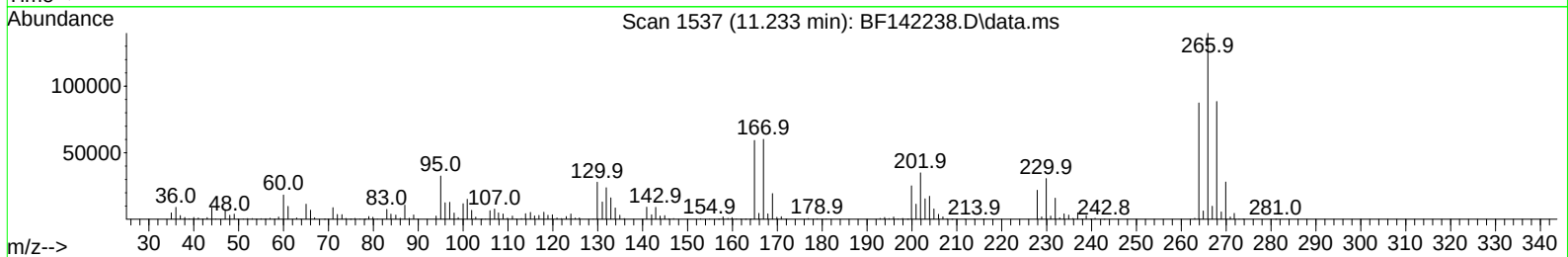
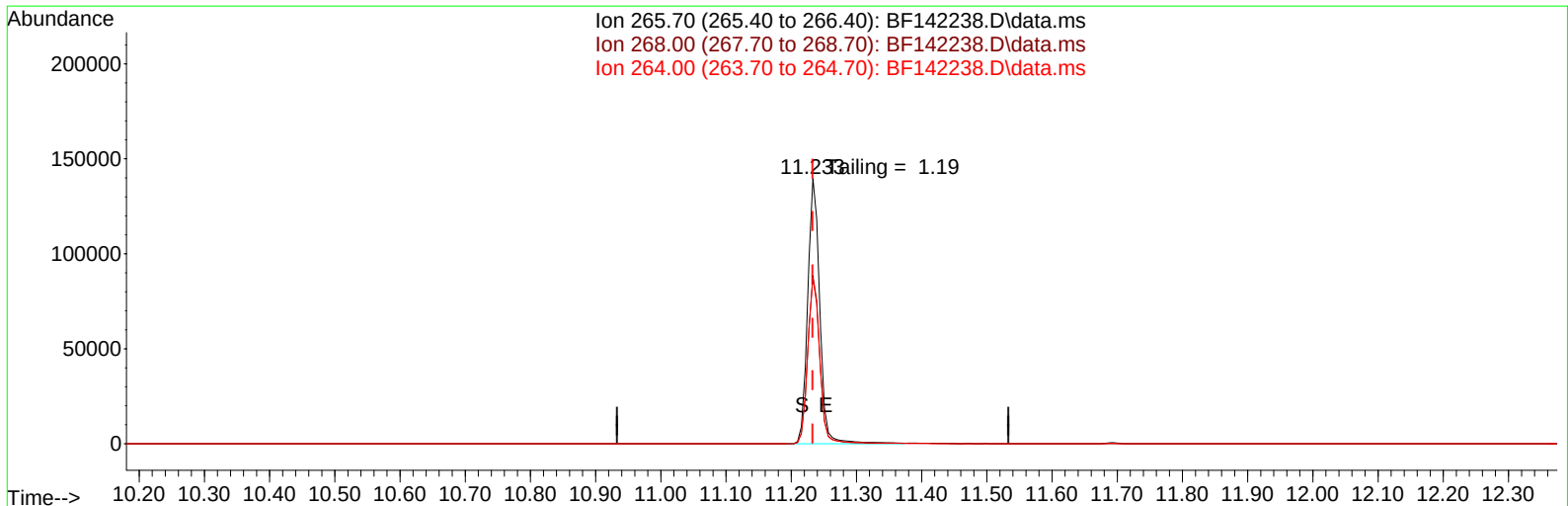
AutoFind: Scans 1614, 1615, 1616; Background Corrected with Scan 1607

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

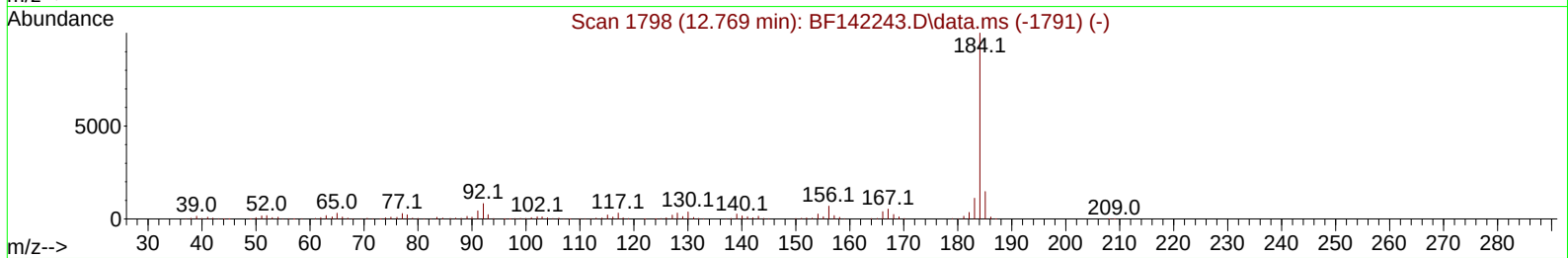
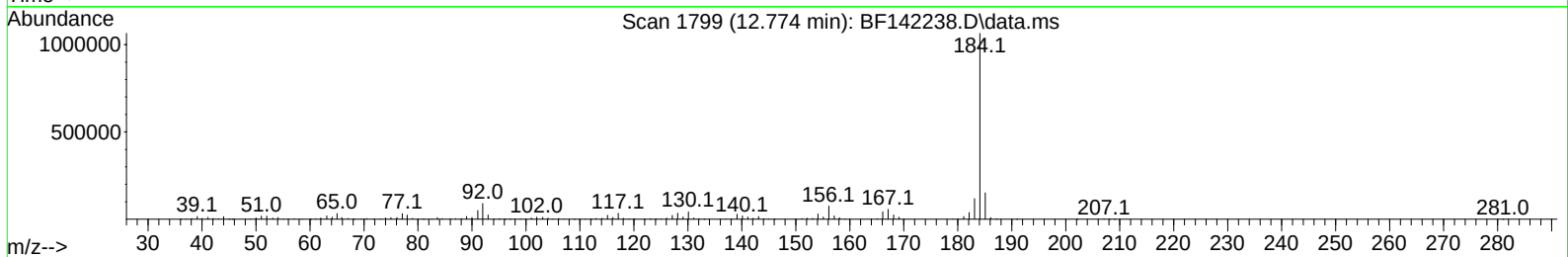
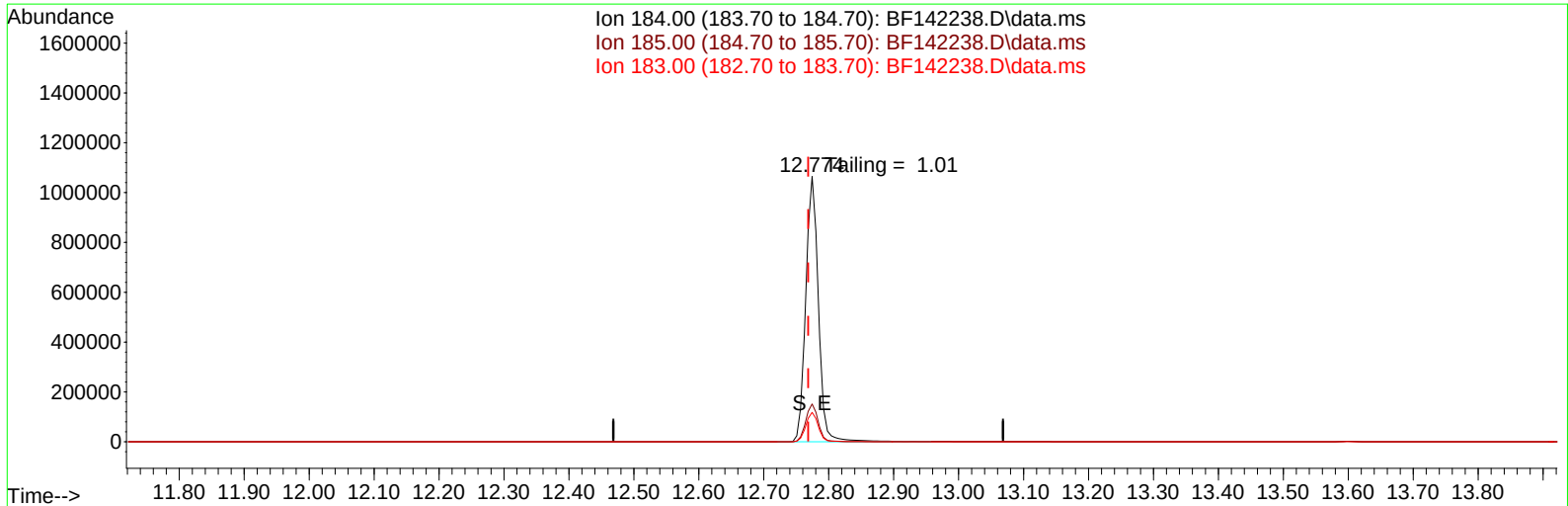
response 180630

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

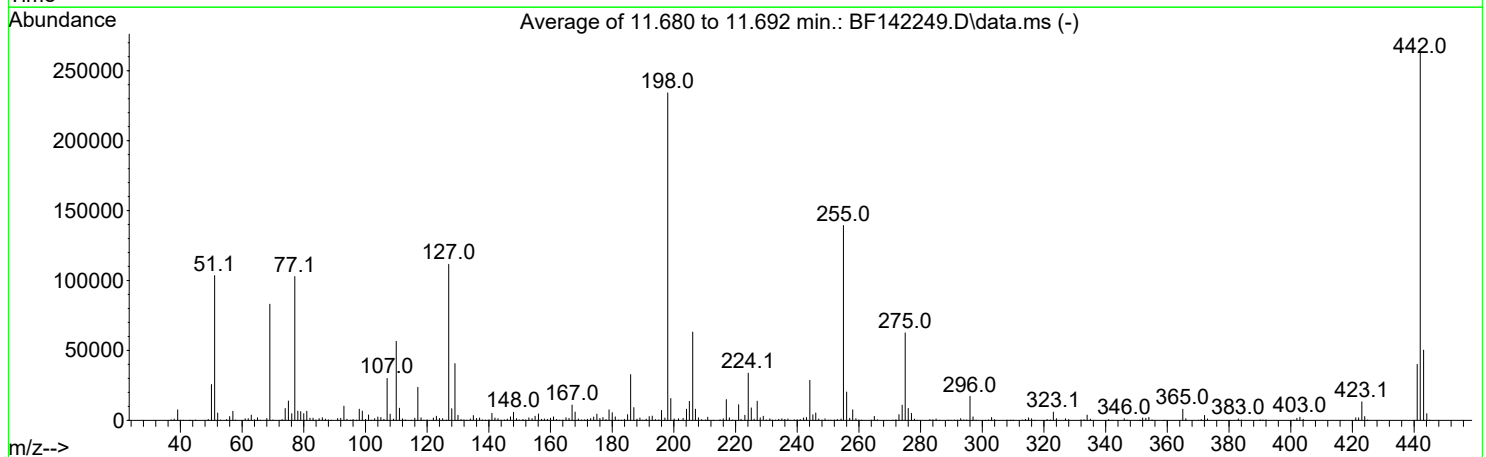
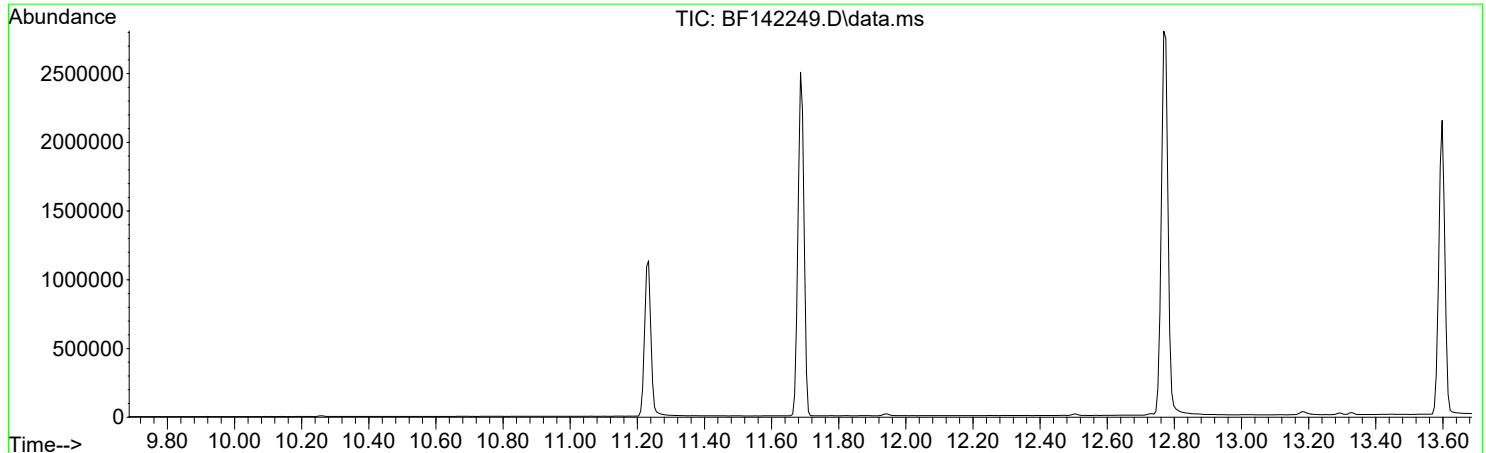
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
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 1607

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	44.2	103579	PASS
68	69	0.00	2	1.6	1339	PASS
69	198	0.00	100	35.5	83059	PASS
70	69	0.00	2	0.5	413	PASS
127	198	10	80	47.7	111579	PASS
197	198	0.00	2	0.7	1704	PASS
198	198	100	100	100.0	234155	PASS
199	198	5	9	6.7	15632	PASS
275	198	10	60	26.7	62555	PASS
365	198	1	100	3.4	8074	PASS
441	198	0.01	100	17.1	40008	PASS
442	442	50	100	100.0	263019	PASS
443	442	15	24	19.1	50208	PASS

DDT Breakdown

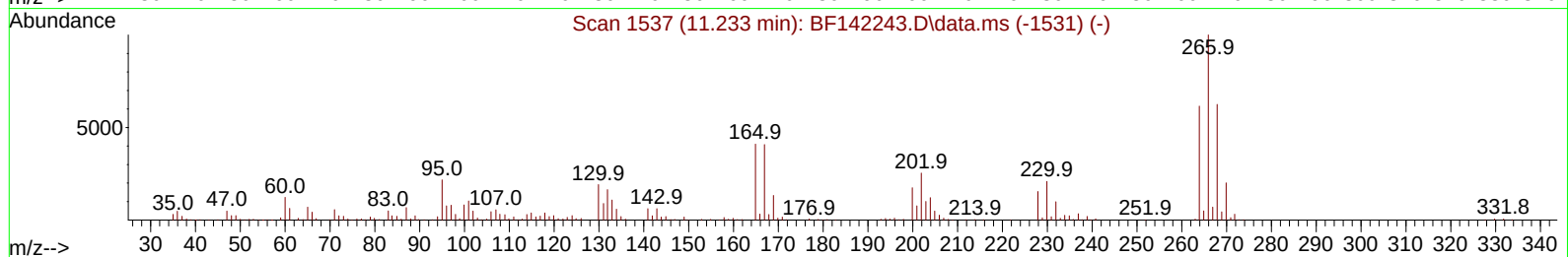
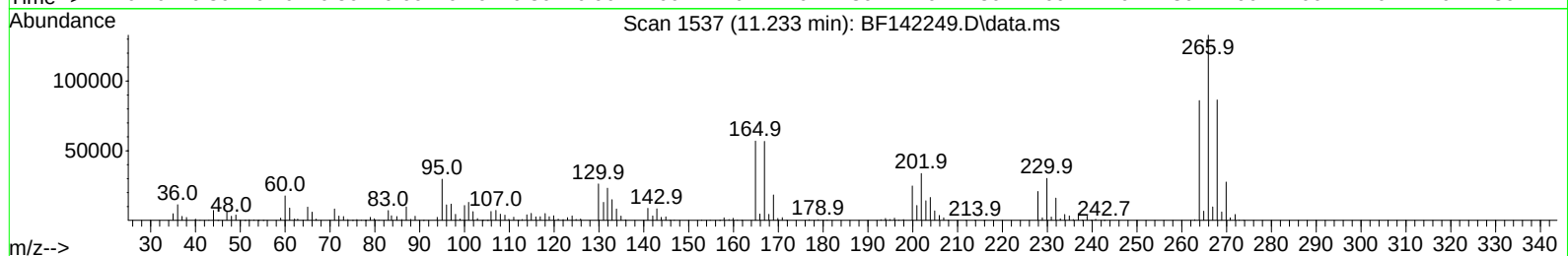
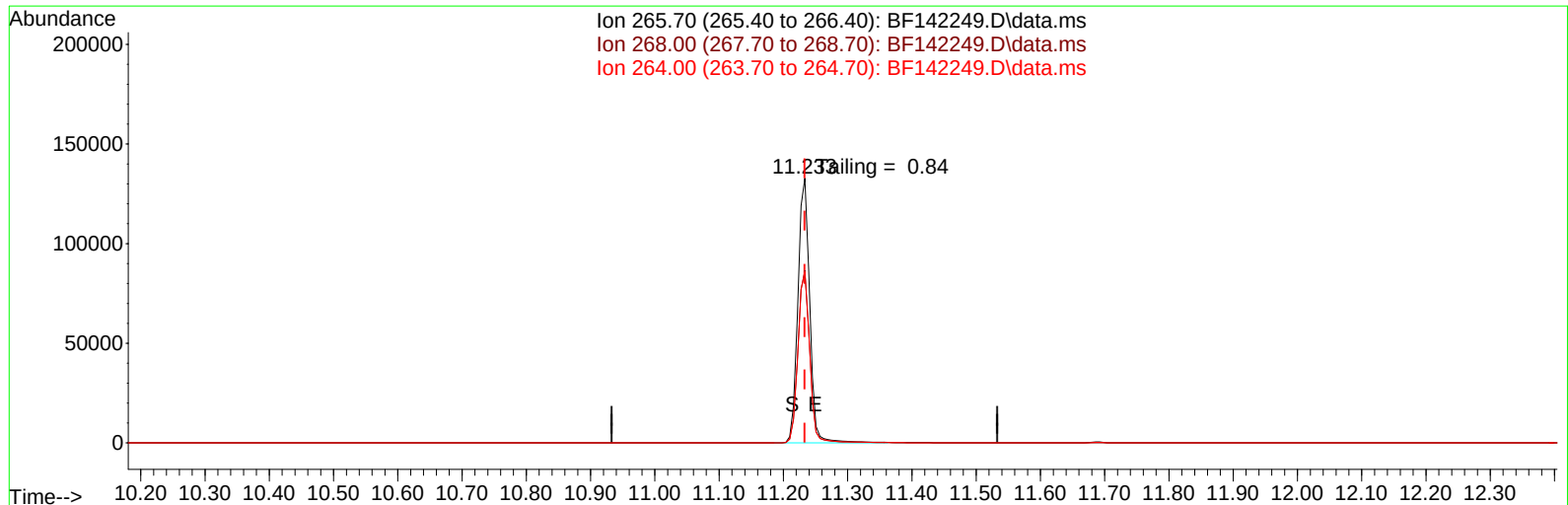
Date	Instrument Name	DFTPP Data File
5/1/2025	BNA_F	<u>BF142249.D</u>
Compound Name	Response	Retention Time
DDT	427368	13.598
DDD	6172	13.327
DDE	0	12.904
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6172	433540	1.42

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 01 12:00:18 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: BF142249.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 113470.87 ng

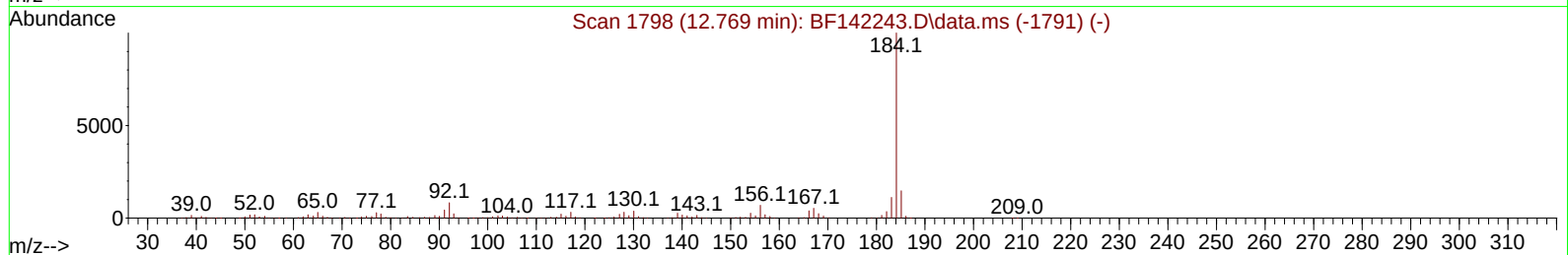
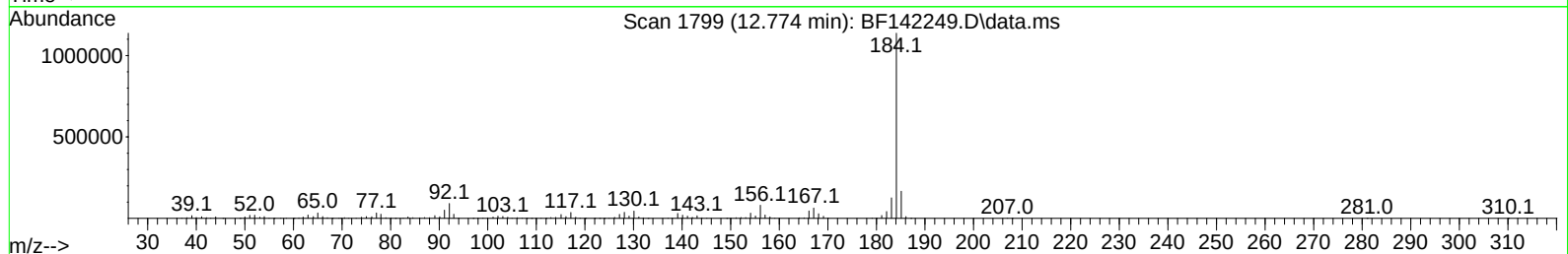
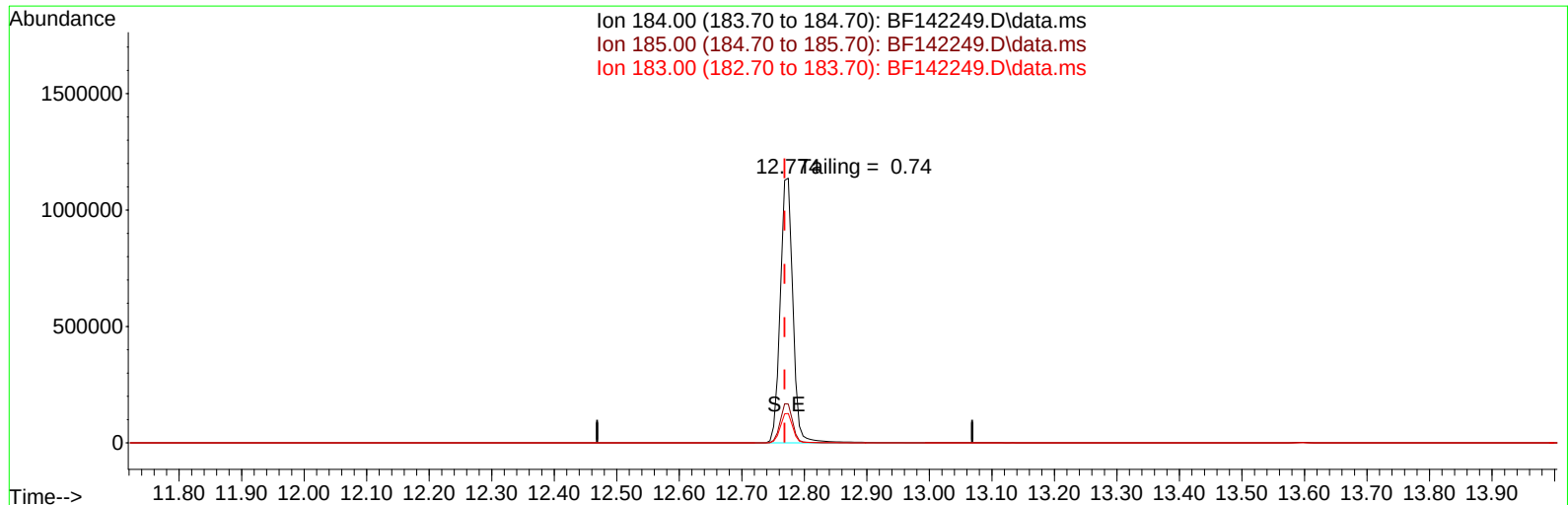
response 170474

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	65.06
264.00	61.60	64.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 01 12:00:18 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: BF142249.D\data.ms

(77) Benzidine

12.774min (+ 0.006) 156734.40 ng

response 1611689

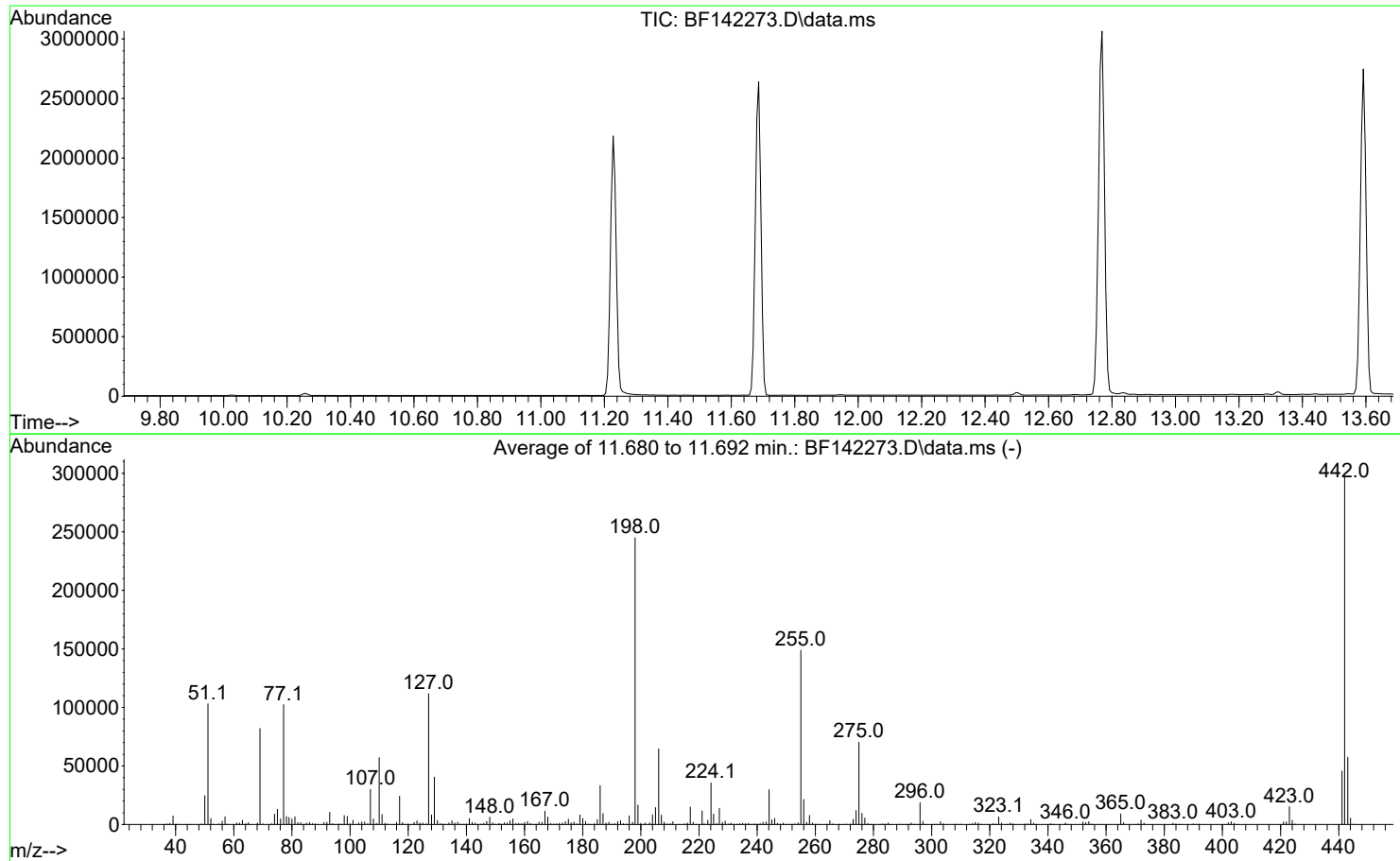
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.68
183.00	11.10	11.08
0.00	0.00	0.00

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

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

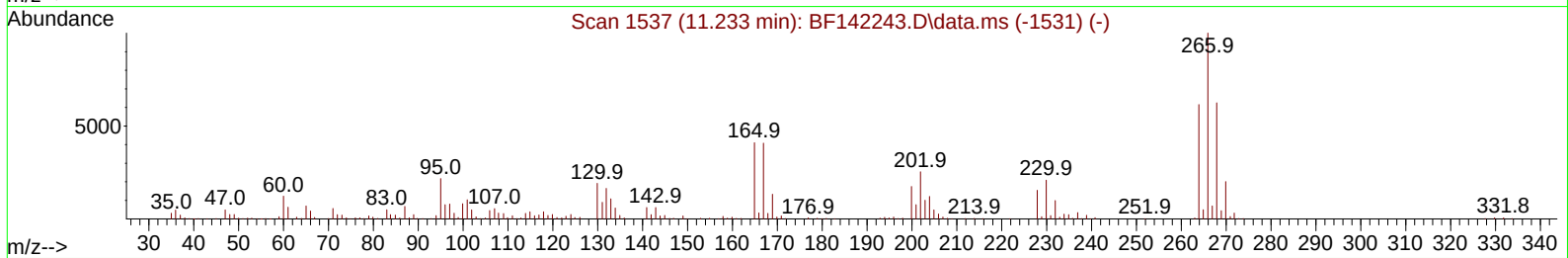
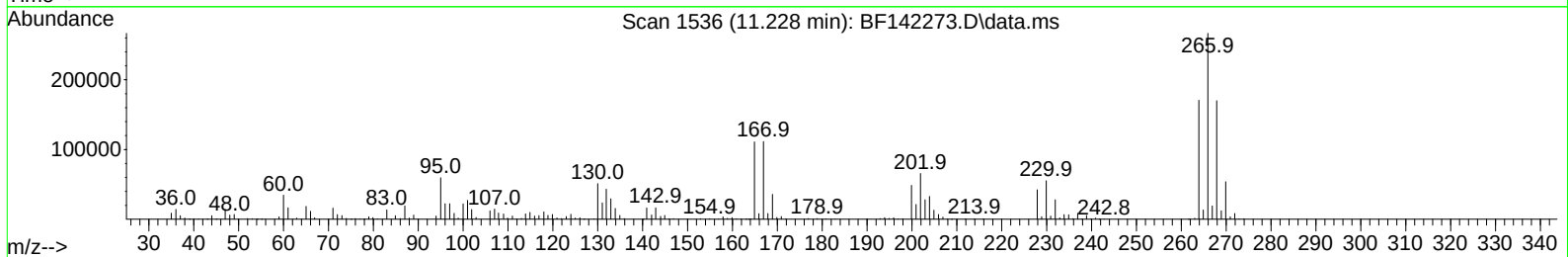
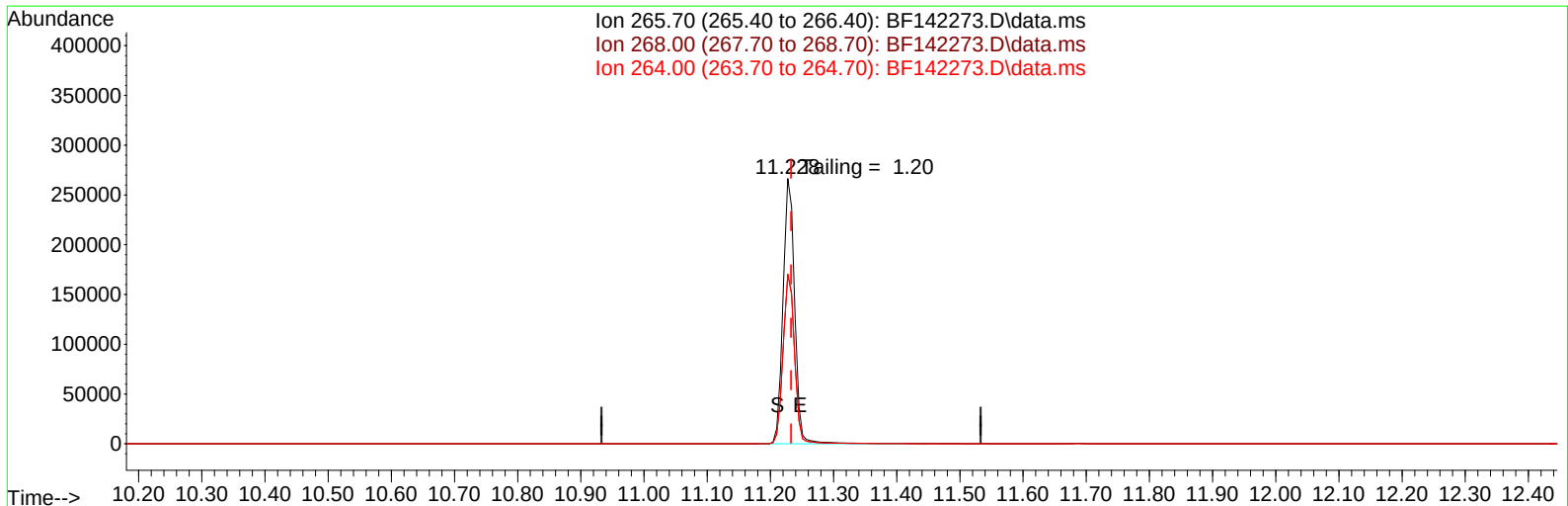
Date	Instrument Name	DFTPP Data File
5/2/2025	BNA_F	<u>BF142273.D</u>
Compound Name	Response	Retention Time
DDT	646019	13.592
DDD	7521	13.322
DDE	403	12.951
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7924	653943	1.21

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

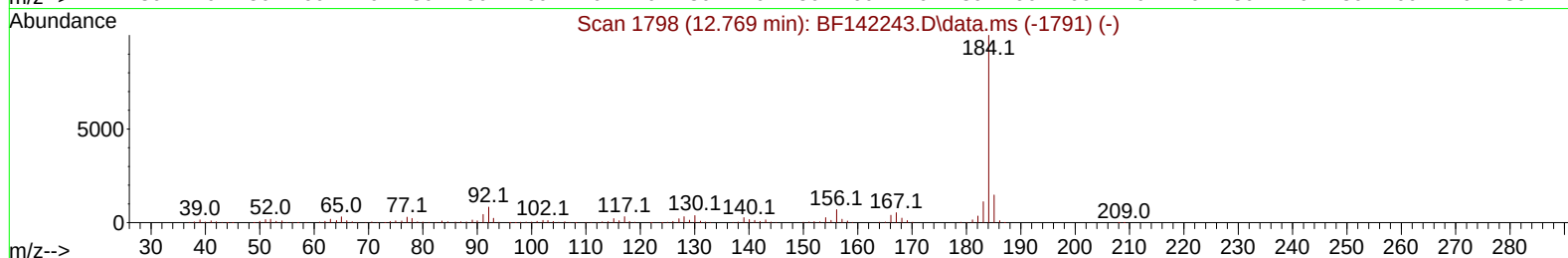
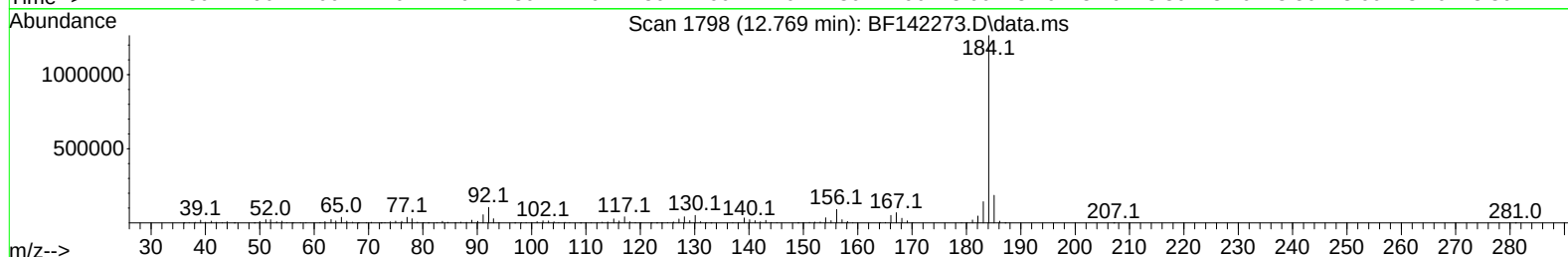
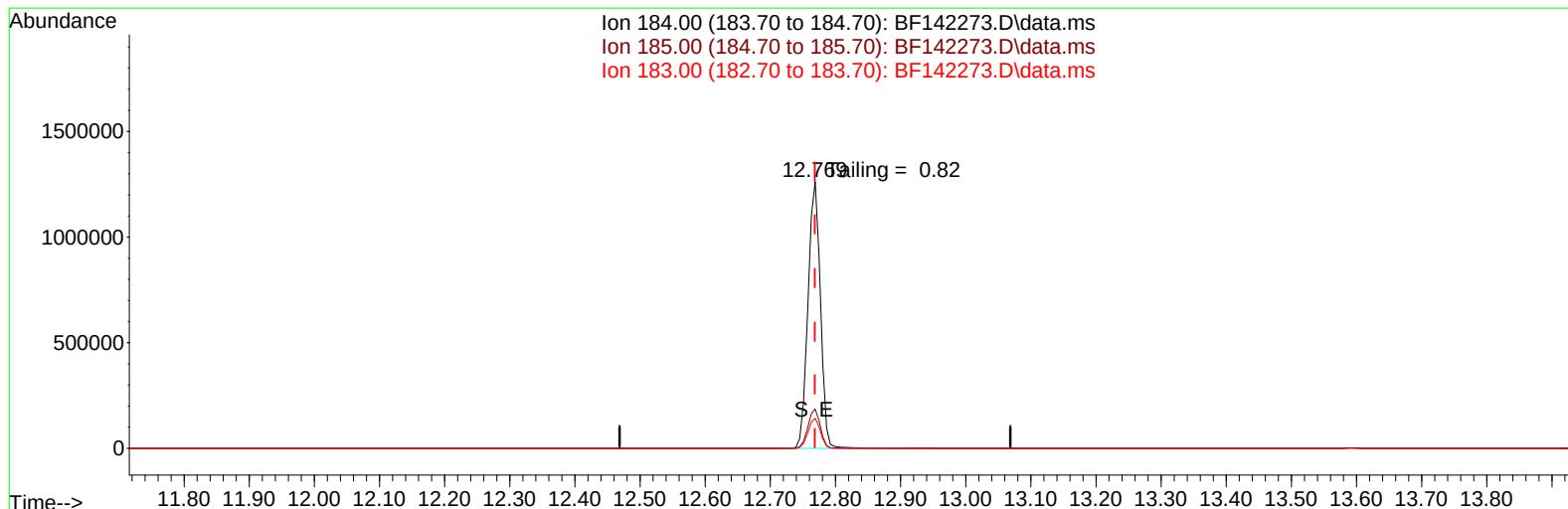
response 342837

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



TIC: BF142273.D\data.ms

(77) Benzidine

12.769min (-0.000) 120826.54 ng

response **1673715**

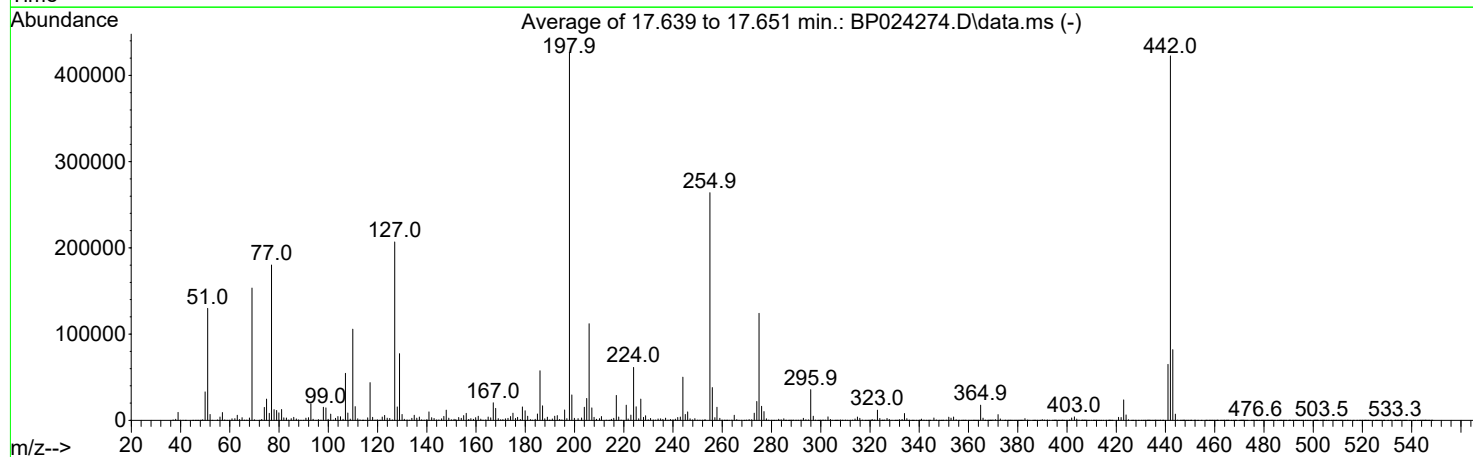
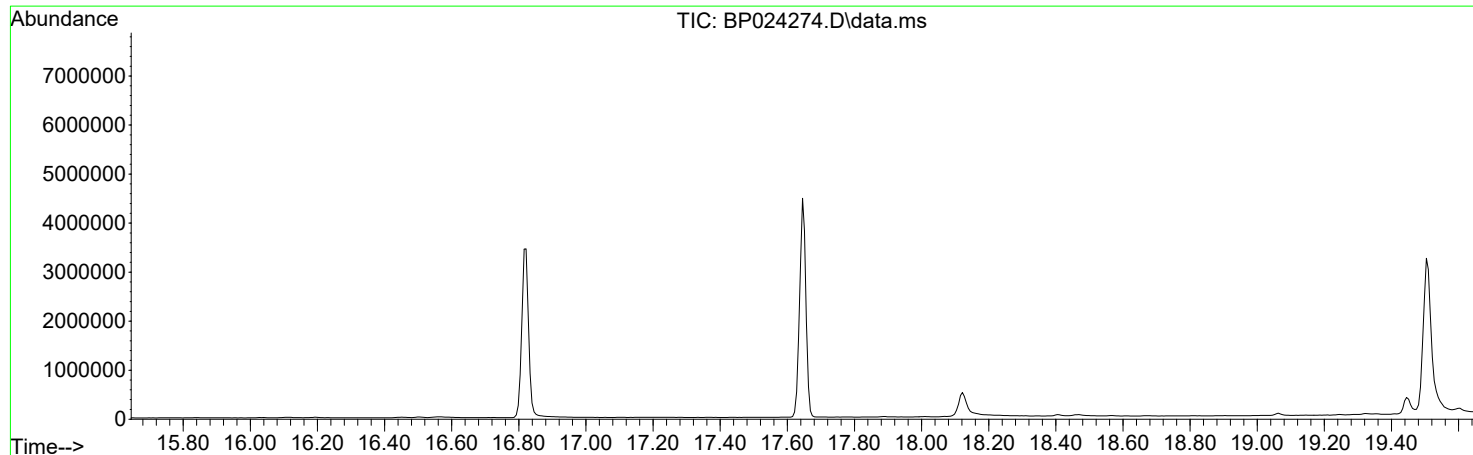
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.73
183.00	11.10	11.31
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_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

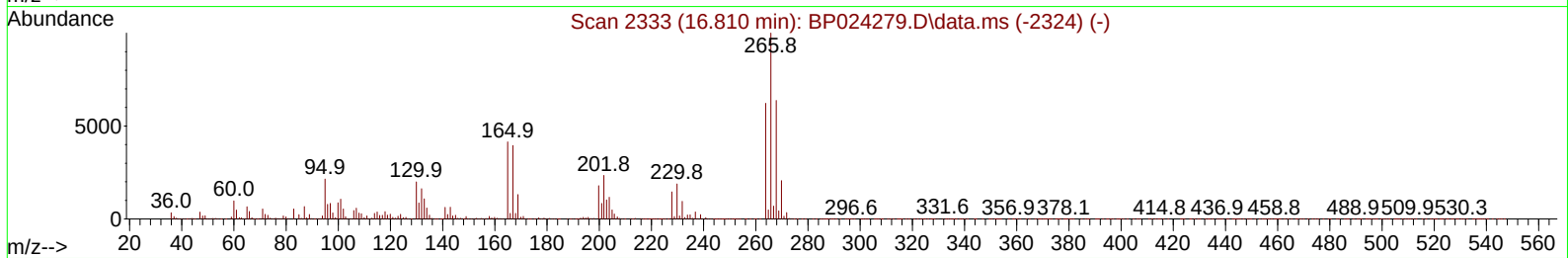
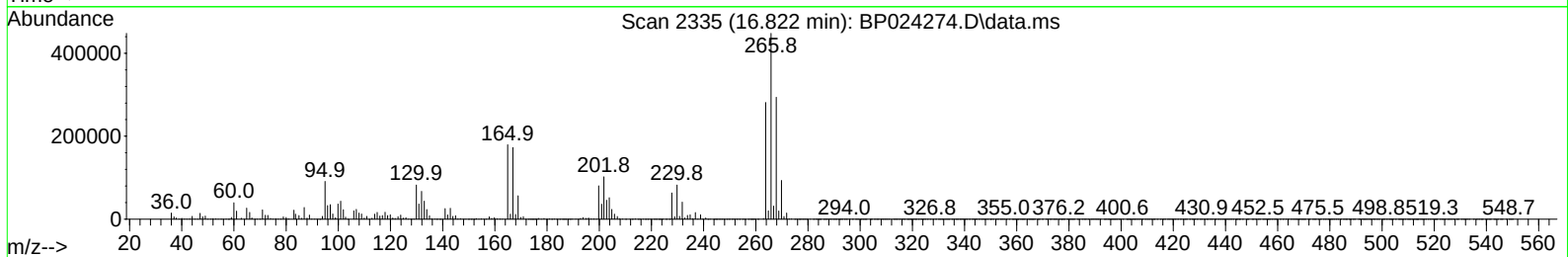
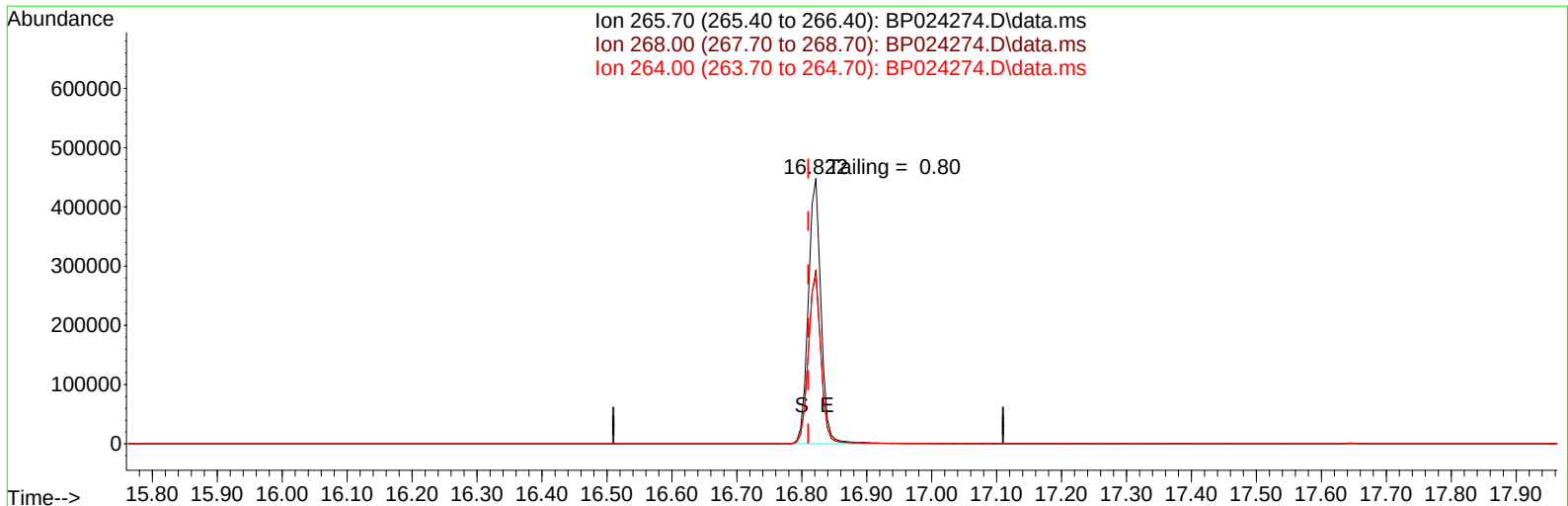
Date	Instrument Name	DFTPP Data File
4/14/2025	BNA_P	<u>BP024274.D</u>
Compound Name	Response	Retention Time
DDT	1715151	20.798
DDD	26002	20.386
DDE	1572	19.81
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
27574	1742725	1.58

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

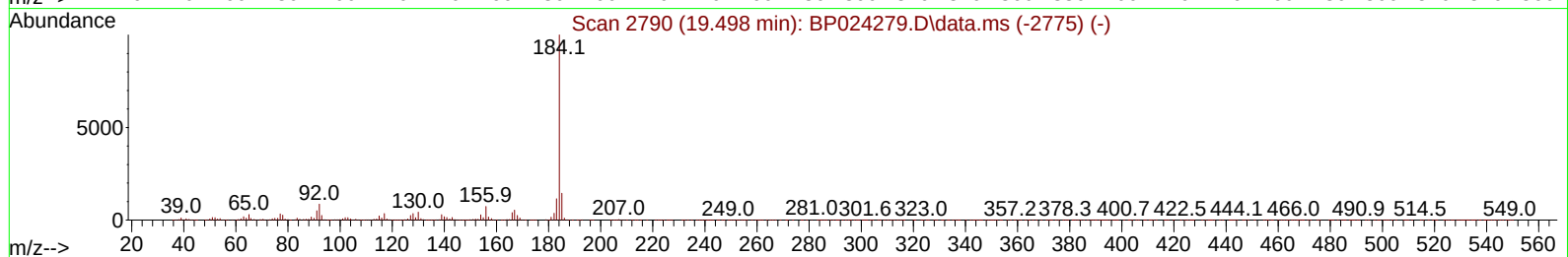
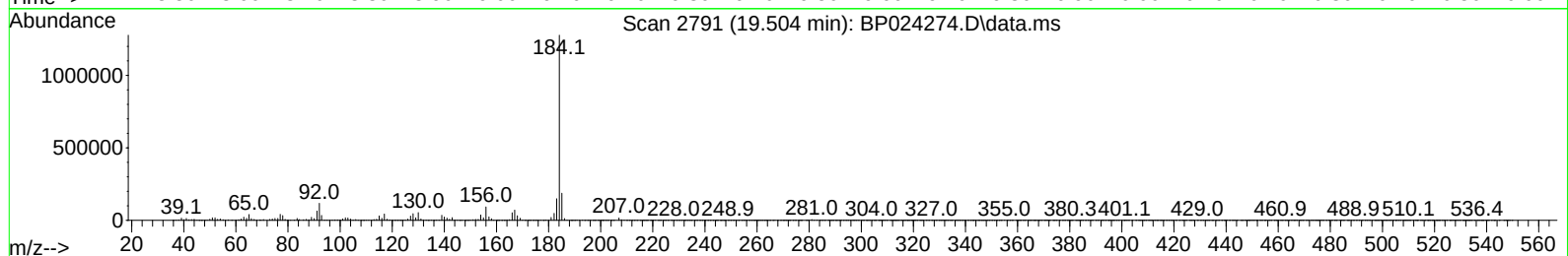
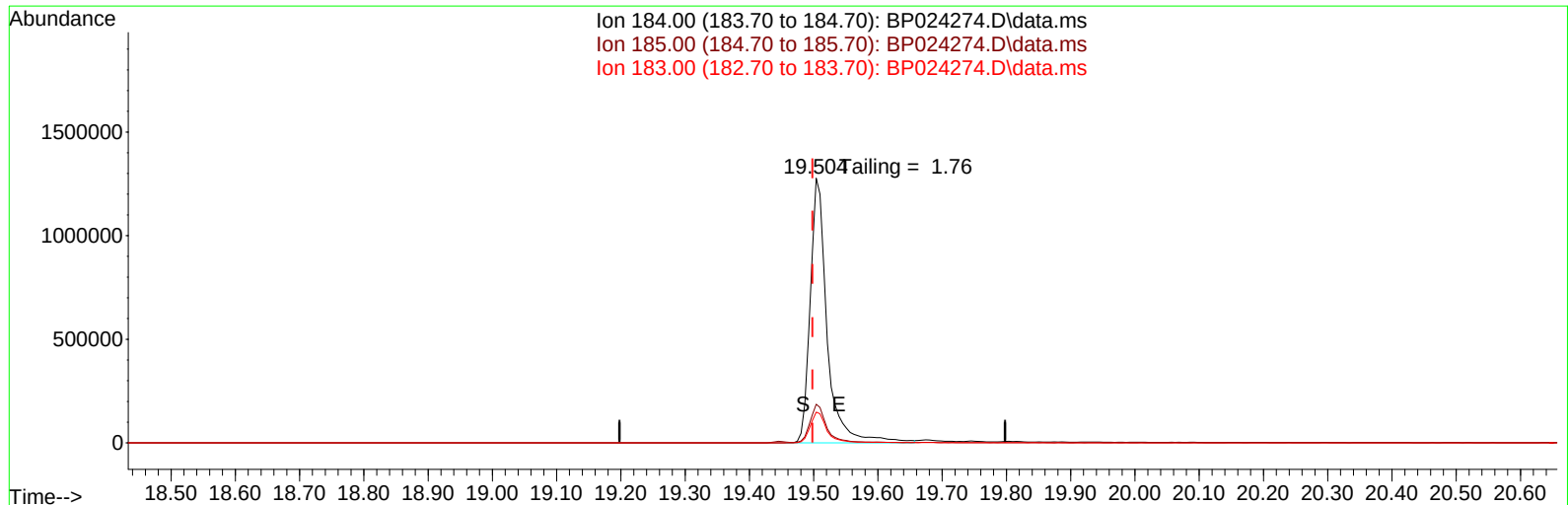
response 611847

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

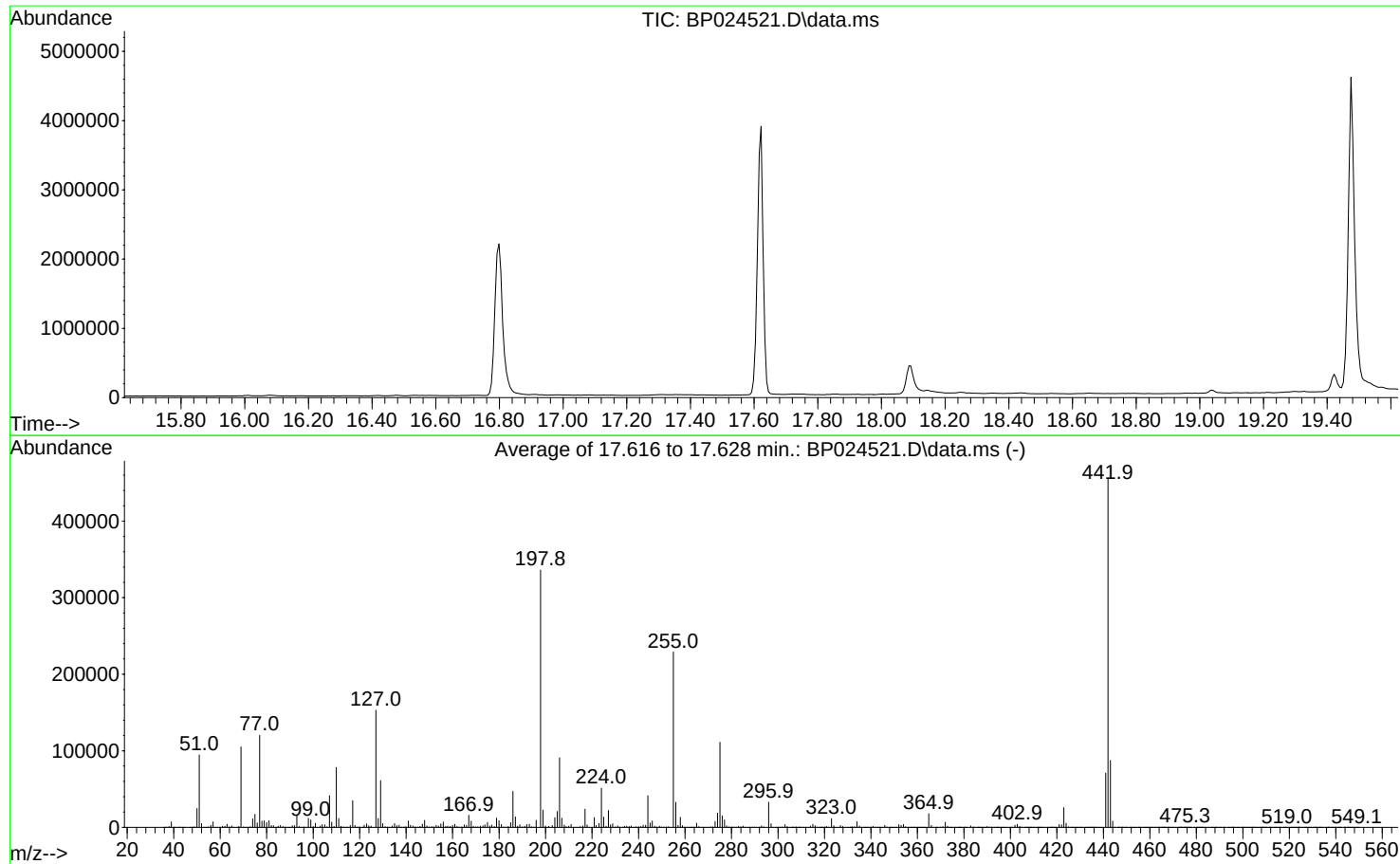
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.60
183.00	11.50	11.64
0.00	0.00	0.00

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

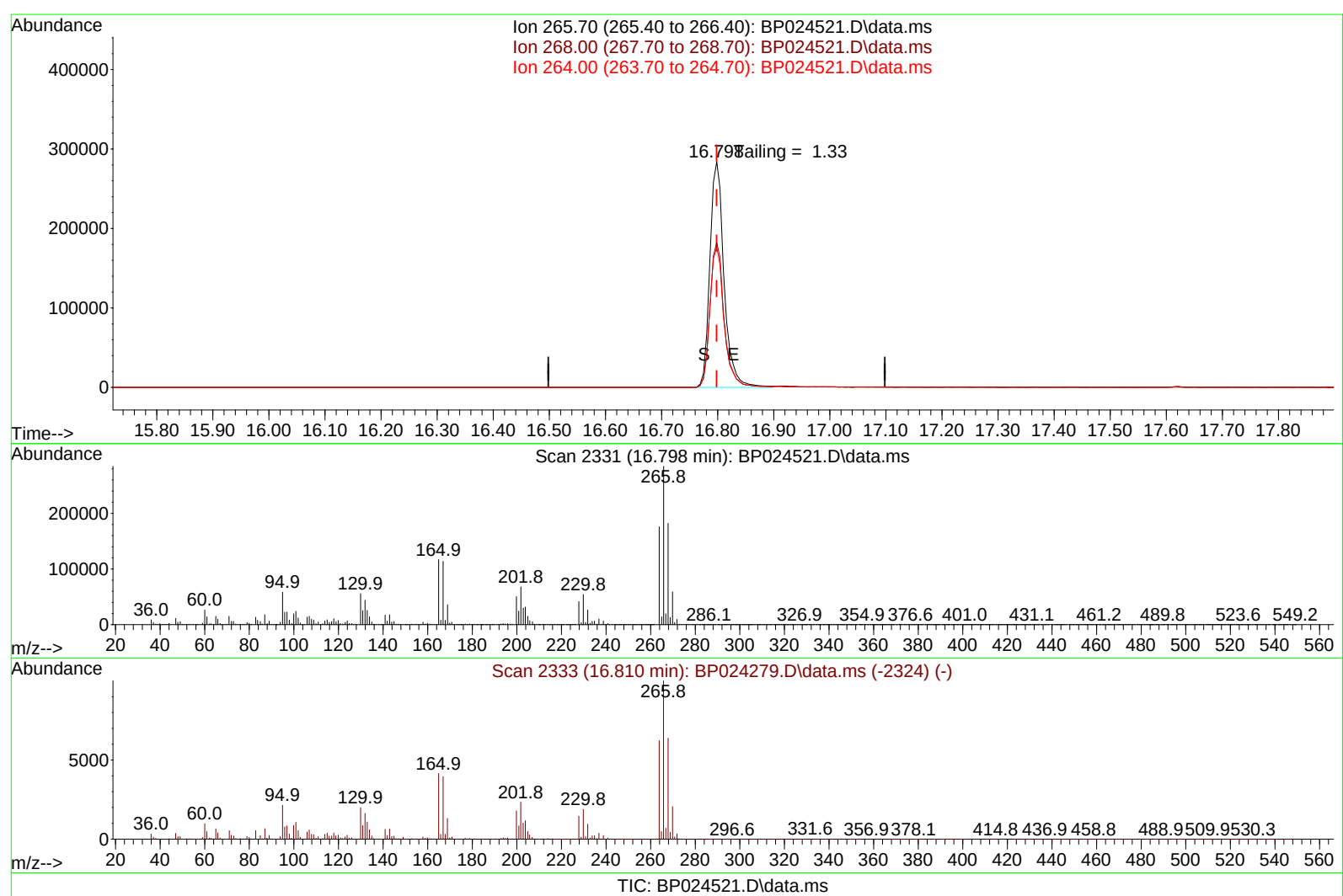
Date	Instrument Name	DFTPP Data File
5/5/2025	BNA_P	<u>BP024503.D</u>
Compound Name	Response	Retention Time
DDT	1294320	20.763
DDD	38430	20.316
DDE	2470	19.775
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
40900	1335220	3.06

Instrument :
BNA_P
ClientSampleId :
DFTPP

```
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



(70) Pentachlorophenol (C)

16.798min (+ 0.000) 40429.31 ng

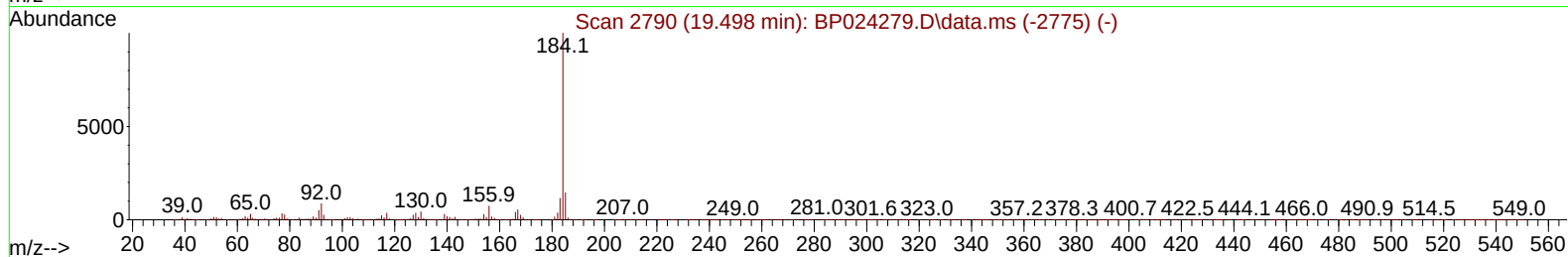
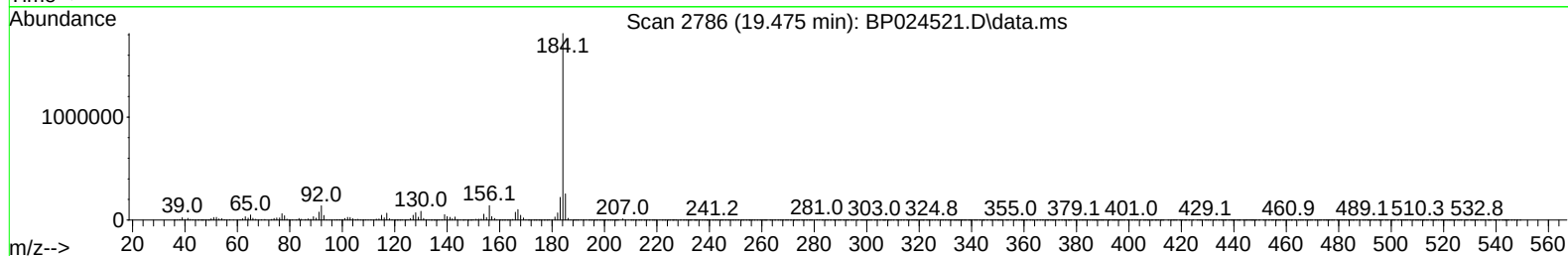
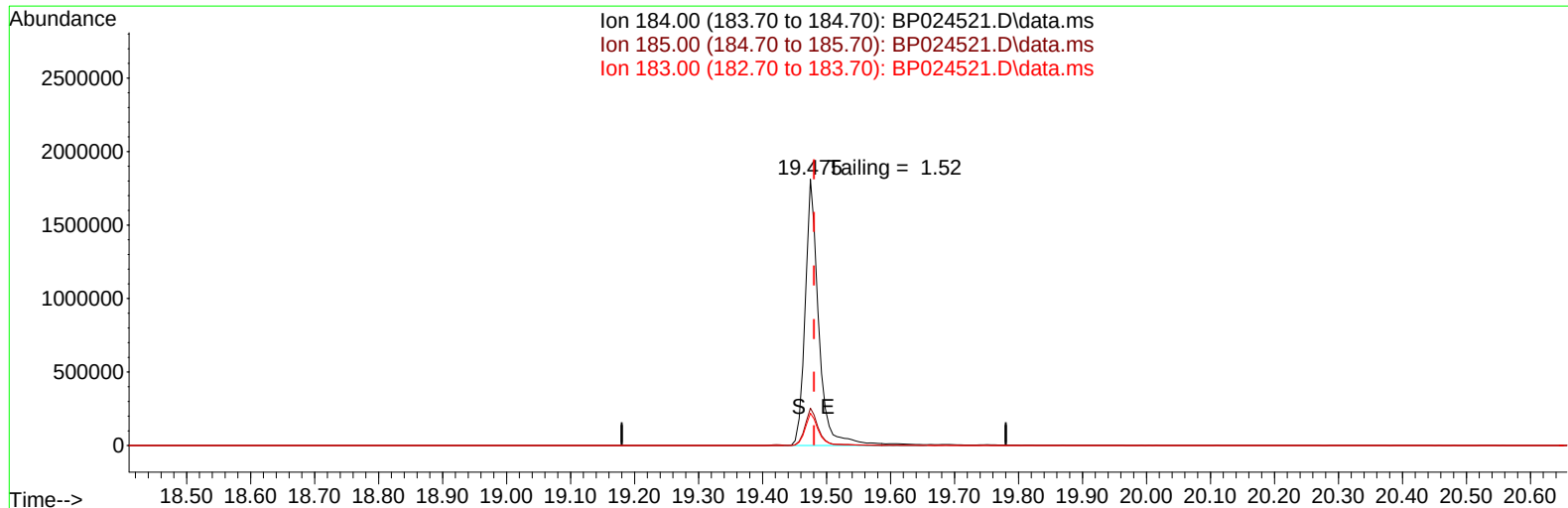
response **499235**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167810BL	SDG No.:	Q1907
Lab Sample ID:	PB167810BL	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
BF142254.D	1	04/30/25 13:15	05/01/25 12:10	PB167810

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	110		10 - 139	73%	SPK: 150
13127-88-3	Phenol-d6	109		10 - 134	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.3		49 - 133	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.1		52 - 132	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		44 - 137	83%	SPK: 150
1718-51-0	Terphenyl-d14	63.3		48 - 125	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	224000		6.904		
1146-65-2	Naphthalene-d8	858000		8.187		
15067-26-2	Acenaphthene-d10	450000		9.945		
1517-22-2	Phenanthrene-d10	795000		11.428		
1719-03-5	Chrysene-d12	568000		14.069		
1520-96-3	Perylene-d12	405000		15.563		

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167810BL	SDG No.:	Q1907
Lab Sample ID:	PB167810BL	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
BF142254.D	1	04/30/25 13:15	05/01/25 12:10	PB167810

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\BF050125\
Data File : BF142254.D
Acq On : 01 May 2025 12:10
Operator : RC/JU
Sample : PB167810BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167810BL

Quant Time: May 01 12:47:29 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	223997	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	857825	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	449926	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	794711	20.000	ng	0.00
76) Chrysene-d12	14.069	240	568207	20.000	ng	0.00
86) Perylene-d12	15.563	264	404816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1546121	110.236	ng	0.01
7) Phenol-d6	6.522	99	1853180	109.417	ng	0.00
23) Nitrobenzene-d5	7.469	82	1087156	83.261	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	508946	124.082	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2205083	69.102	ng	0.00
79) Terphenyl-d14	13.022	244	2472921	63.298	ng	0.00

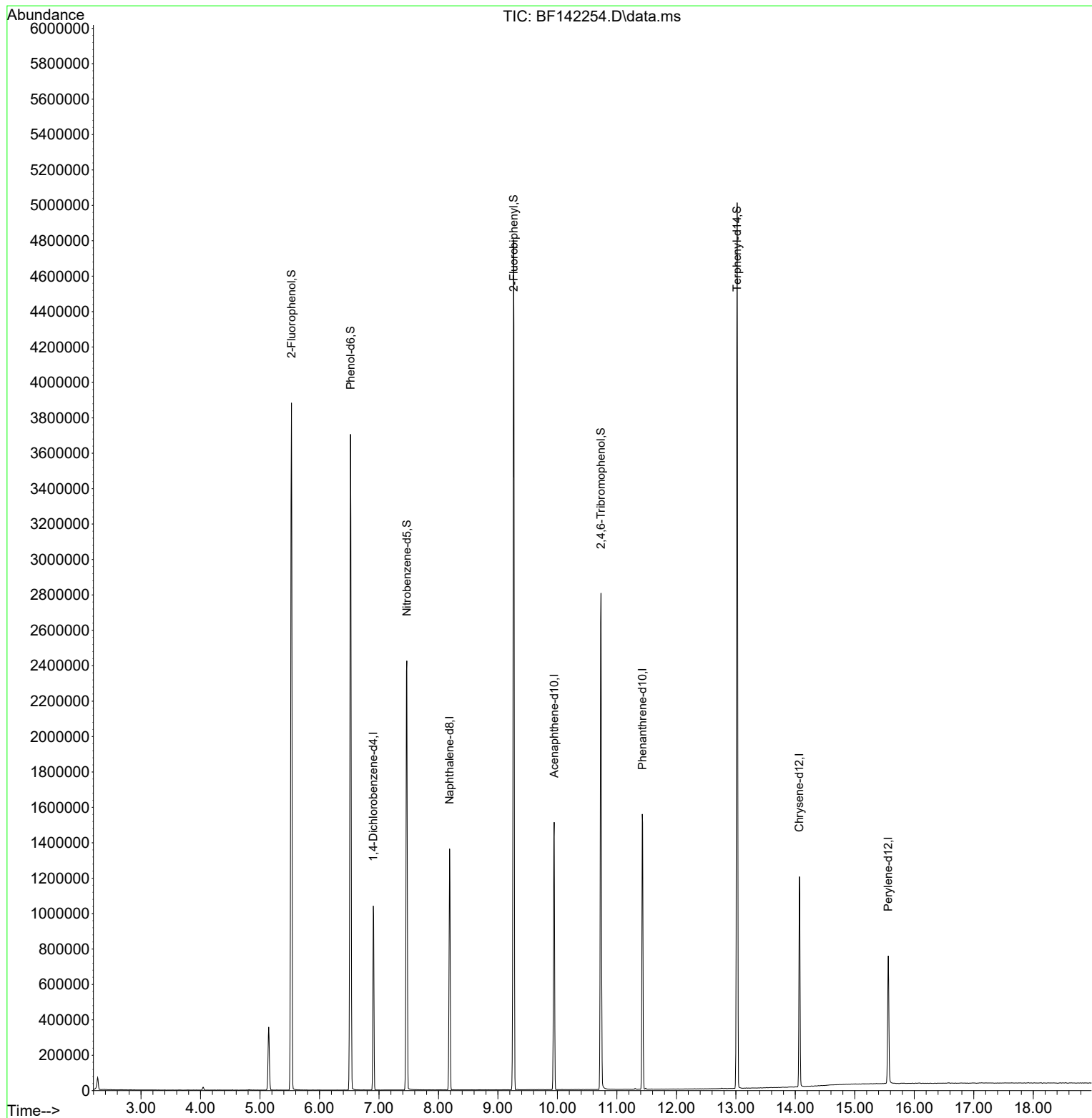
Target Compounds	Qvalue

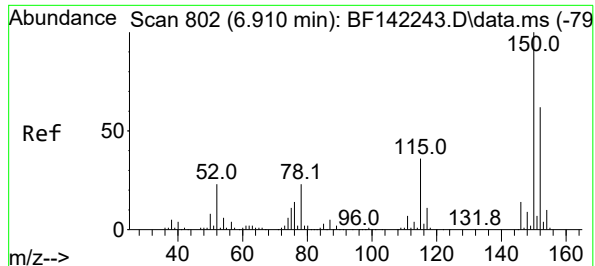
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142254.D
Acq On : 01 May 2025 12:10
Operator : RC/JU
Sample : PB167810BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167810BL

Quant Time: May 01 12:47:29 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

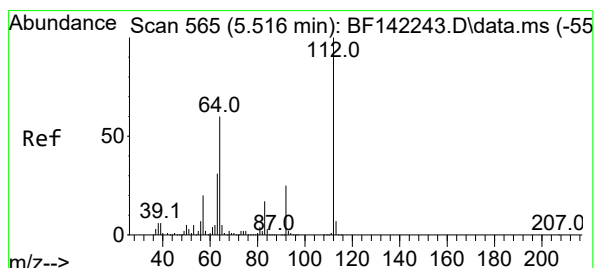
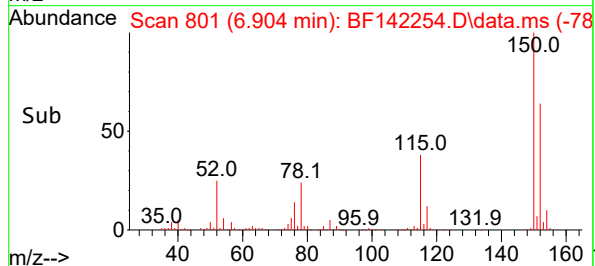
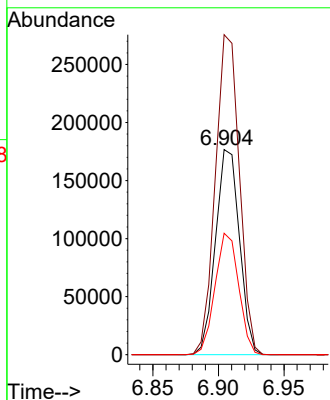
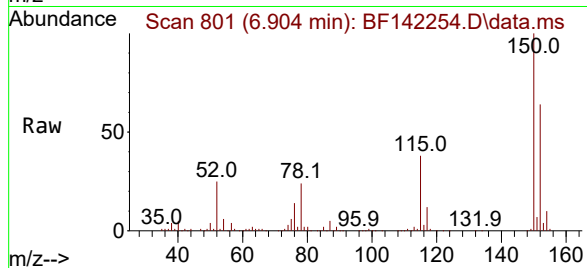




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

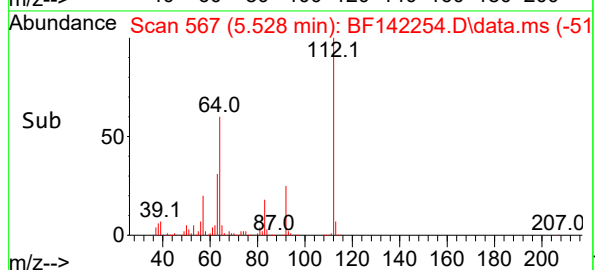
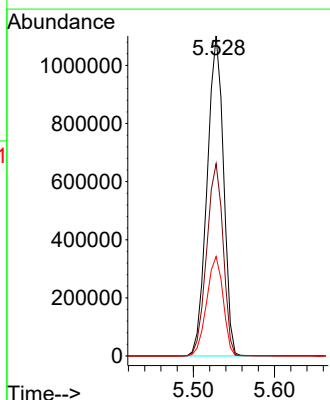
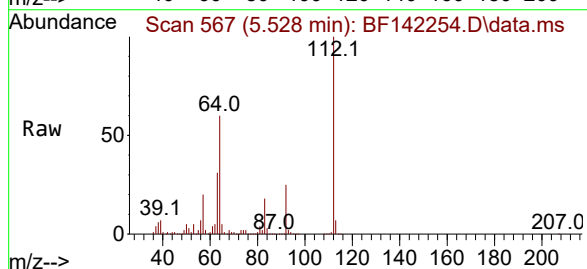
Instrument :
BNA_F
ClientSampleId :
PB167810BL

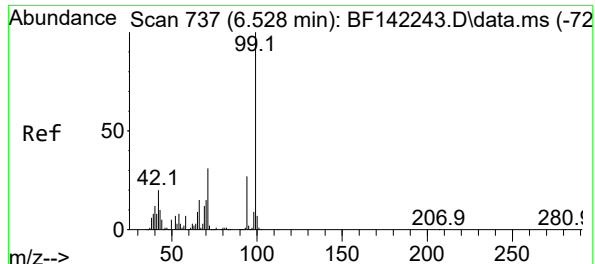
Tgt Ion:152 Resp: 223997
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 59.2 47.0 70.4



#5
2-Fluorophenol
Concen: 110.236 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion:112 Resp: 1546121
Ion Ratio Lower Upper
112 100
64 60.1 48.4 72.6
63 31.1 24.8 37.2

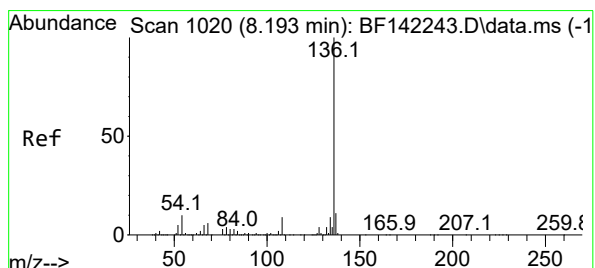
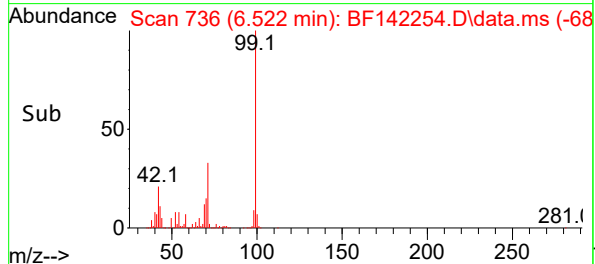
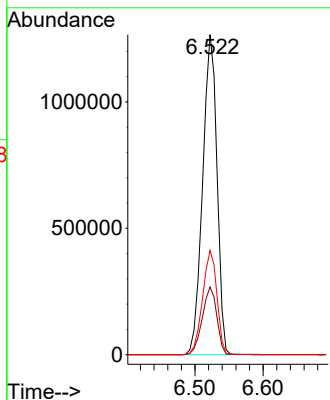
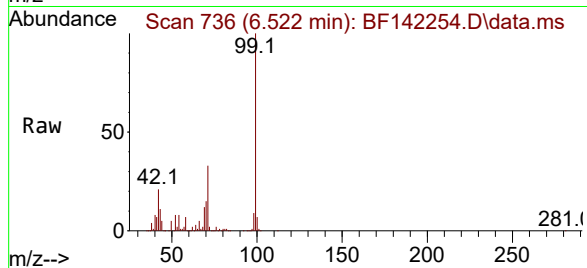




#7
Phenol-d6
Concen: 109.417 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

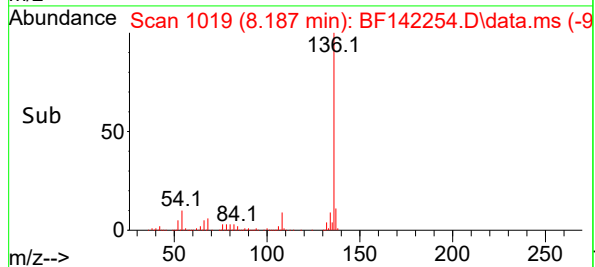
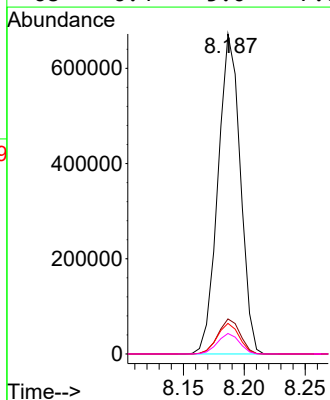
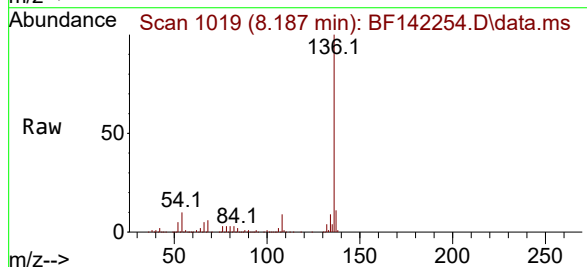
Instrument :
BNA_F
ClientSampleId :
PB167810BL

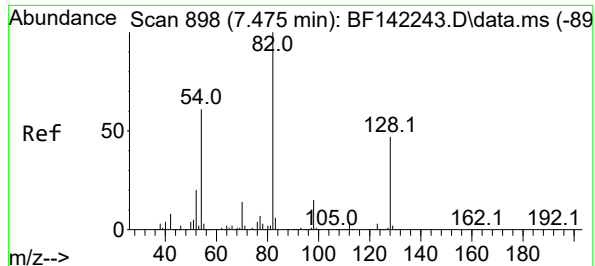
Tgt Ion: 99 Resp: 1853180
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.5 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion: 136 Resp: 857825
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.6 7.7 11.5
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 83.261 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142254.D

Acq: 01 May 2025 12:10

Instrument :

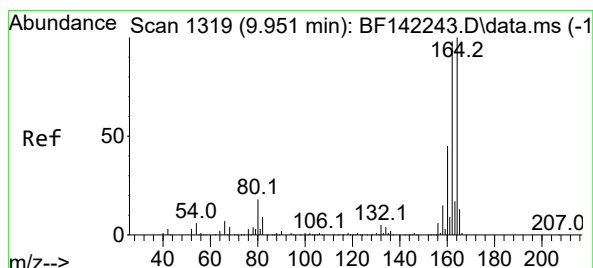
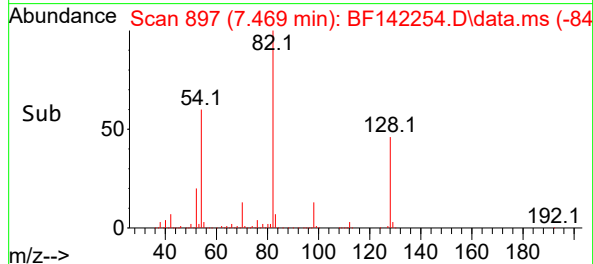
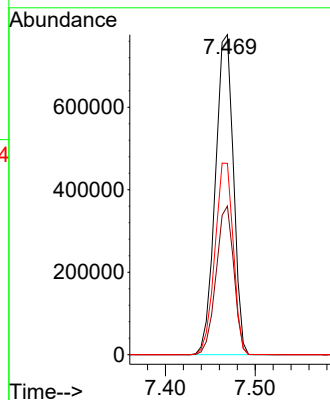
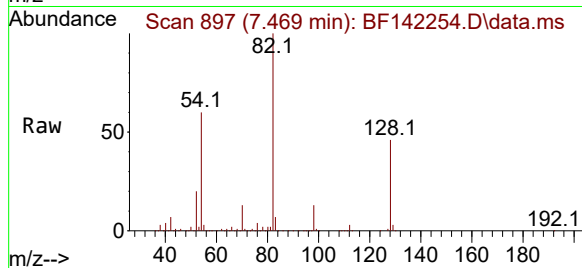
BNA_F

ClientSampleId :

PB167810BL

Tgt Ion: 82 Resp: 1087156

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.6
54	59.8	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1318

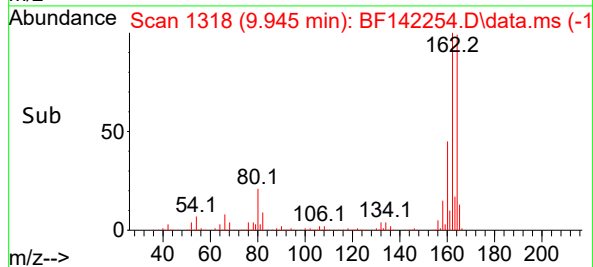
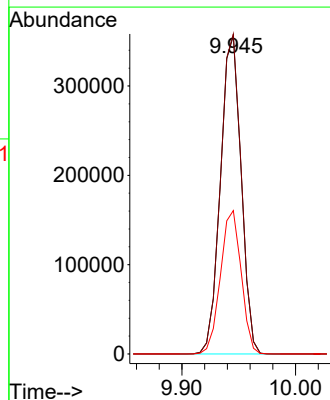
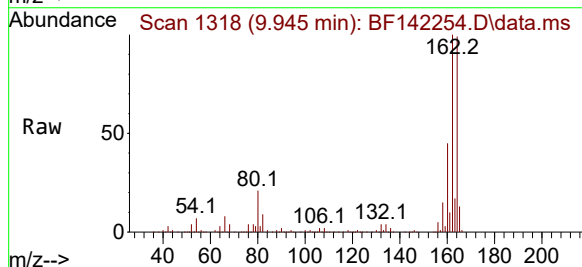
Delta R.T. -0.006 min

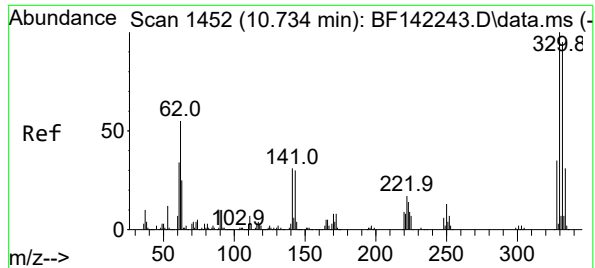
Lab File: BF142254.D

Acq: 01 May 2025 12:10

Tgt Ion: 164 Resp: 449926

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.6	117.8
160	45.1	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 124.082 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF142254.D

Acq: 01 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB167810BL

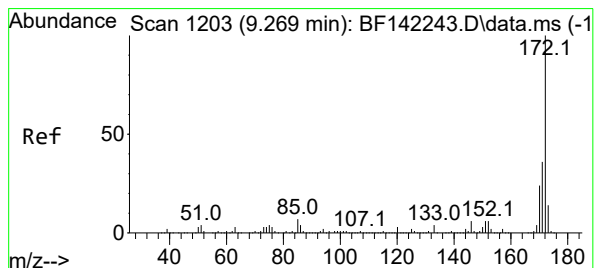
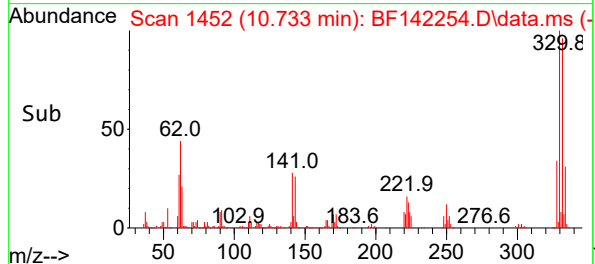
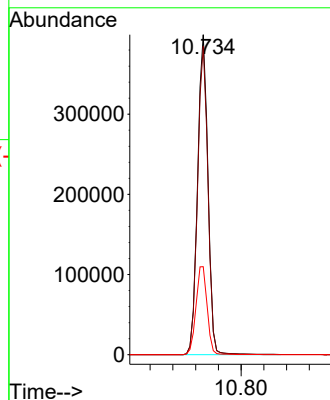
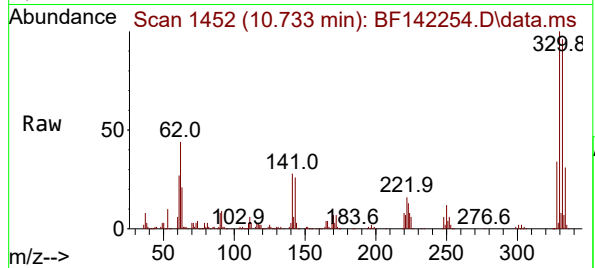
Tgt Ion:330 Resp: 508946

Ion Ratio Lower Upper

330 100

332 96.7 76.5 114.7

141 29.6 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 69.102 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142254.D

Acq: 01 May 2025 12:10

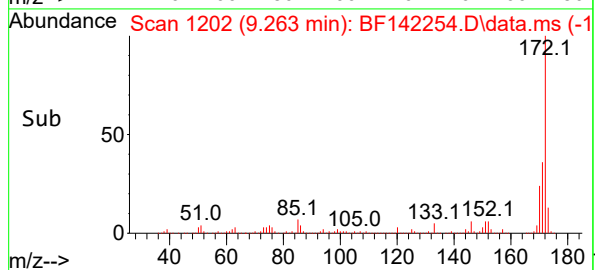
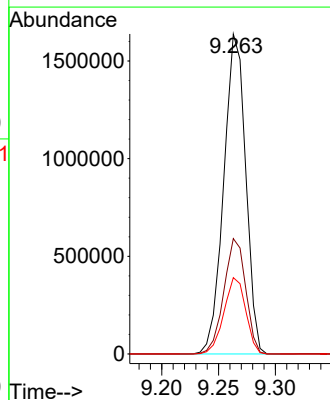
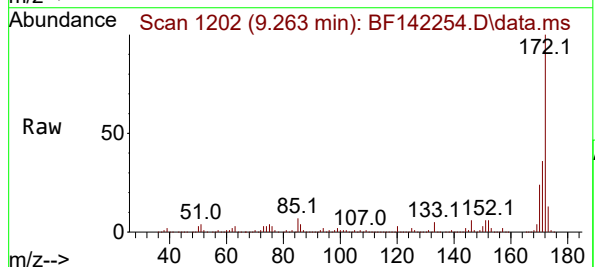
Tgt Ion:172 Resp: 2205083

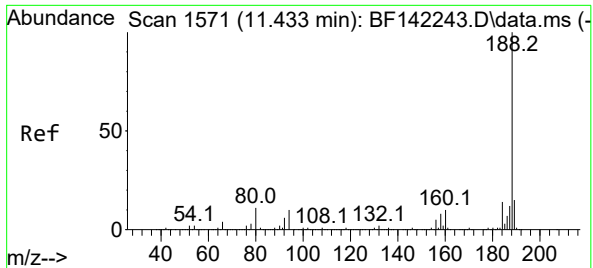
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 23.9 19.4 29.0

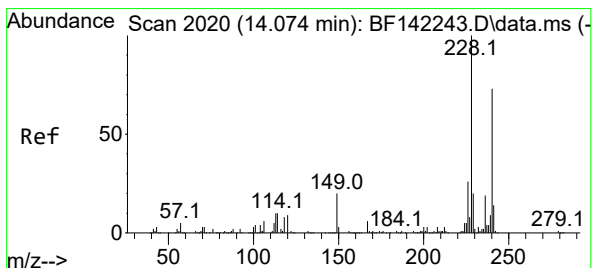
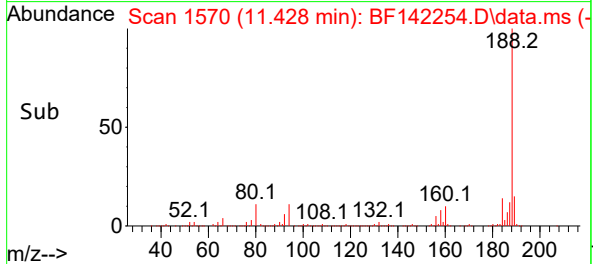
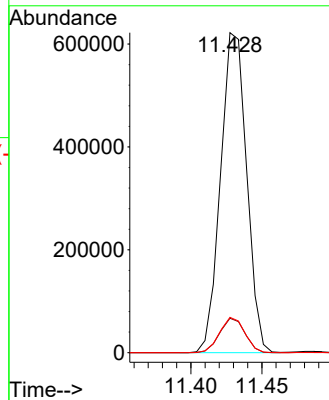
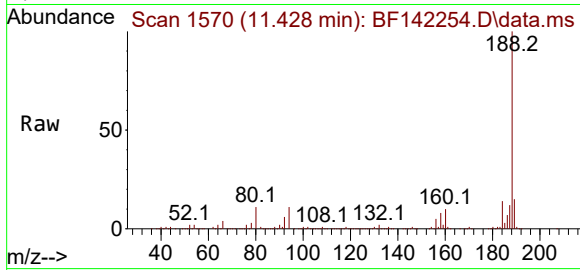




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

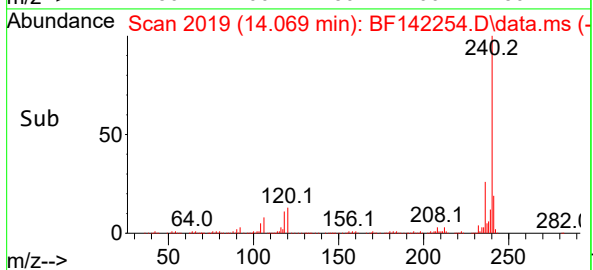
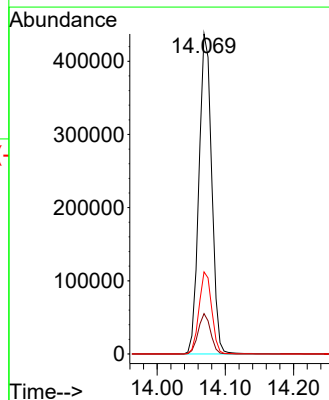
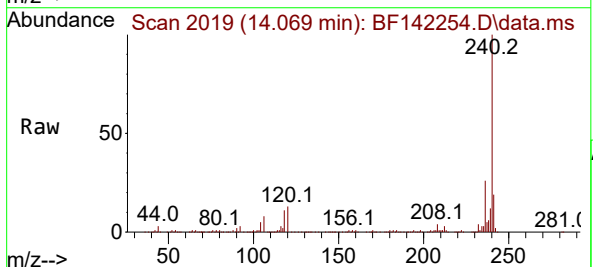
Instrument :
BNA_F
ClientSampleId :
PB167810BL

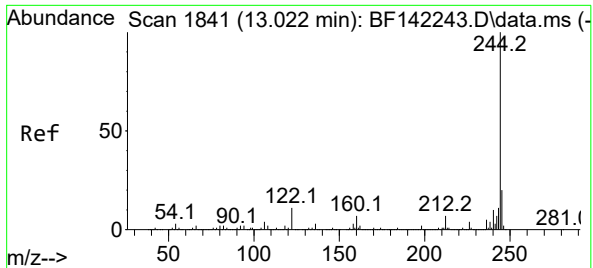
Tgt Ion:188 Resp: 794711
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.2
80 11.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion:240 Resp: 568207
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 63.298 ng

RT: 13.022 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142254.D

Acq: 01 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB167810BL

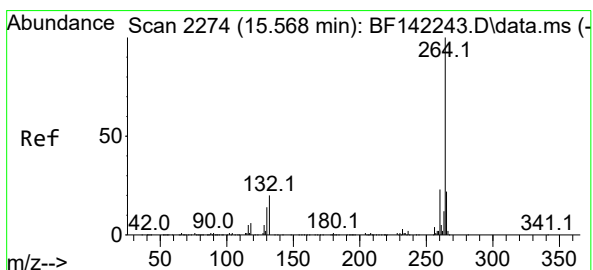
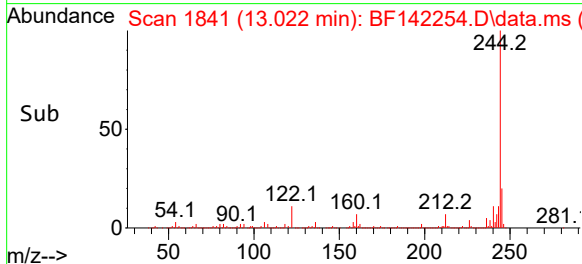
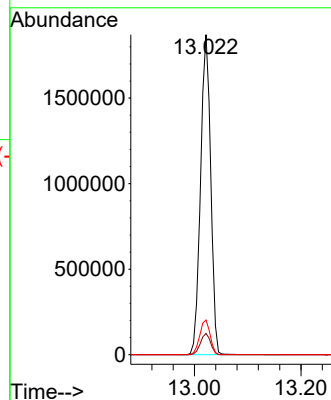
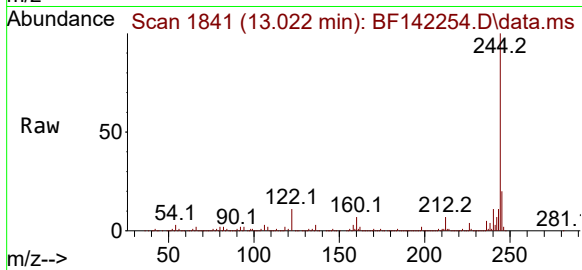
Tgt Ion:244 Resp: 2472921

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.9 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142254.D

Acq: 01 May 2025 12:10

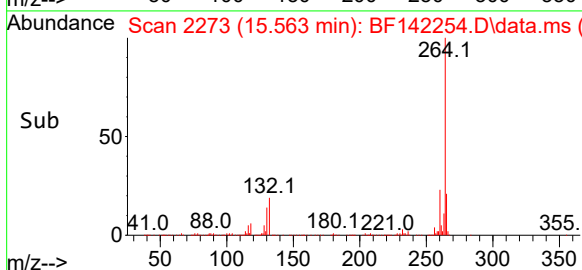
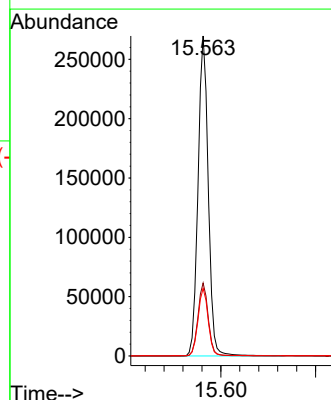
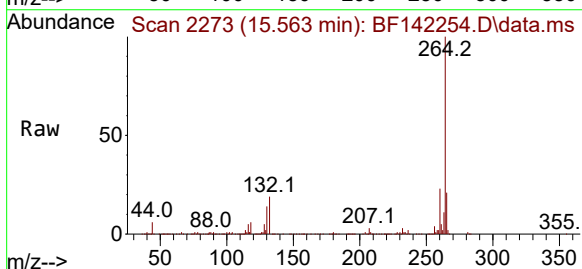
Tgt Ion:264 Resp: 404816

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.1 17.3 25.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142254.D
 Acq On : 01 May 2025 12:10
 Operator : RC/JU
 Sample : PB167810BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167810BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142254.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	3	13	22	rVB	68193	121874	1.84%	0.295%
2	5.146	495	502	510	rBV	356221	568563	8.59%	1.376%
3	5.528	560	567	572	rBV	3881033	5445495	82.26%	13.180%
4	6.522	729	736	741	rBV	3703724	5428254	82.00%	13.139%
5	6.904	796	801	807	rVB	1040069	1309086	19.78%	3.169%
6	7.469	890	897	902	rBV	2423698	3417811	51.63%	8.273%
7	8.187	1013	1019	1024	rBV	1361348	1731876	26.16%	4.192%
8	9.263	1195	1202	1207	rBV	4801998	6406730	96.78%	15.507%
9	9.945	1312	1318	1323	rBV	1510092	1921982	29.03%	4.652%
10	10.734	1446	1452	1472	rBV	2802783	3760456	56.81%	9.102%
11	11.428	1565	1570	1576	rBV	1553996	1980409	29.92%	4.793%
12	13.022	1835	1841	1846	rBV	5002416	6619757	100.00%	16.023%
13	14.069	2014	2019	2033	rBV	1186396	1531284	23.13%	3.706%
14	15.563	2267	2273	2286	rBV	719812	1071293	16.18%	2.593%

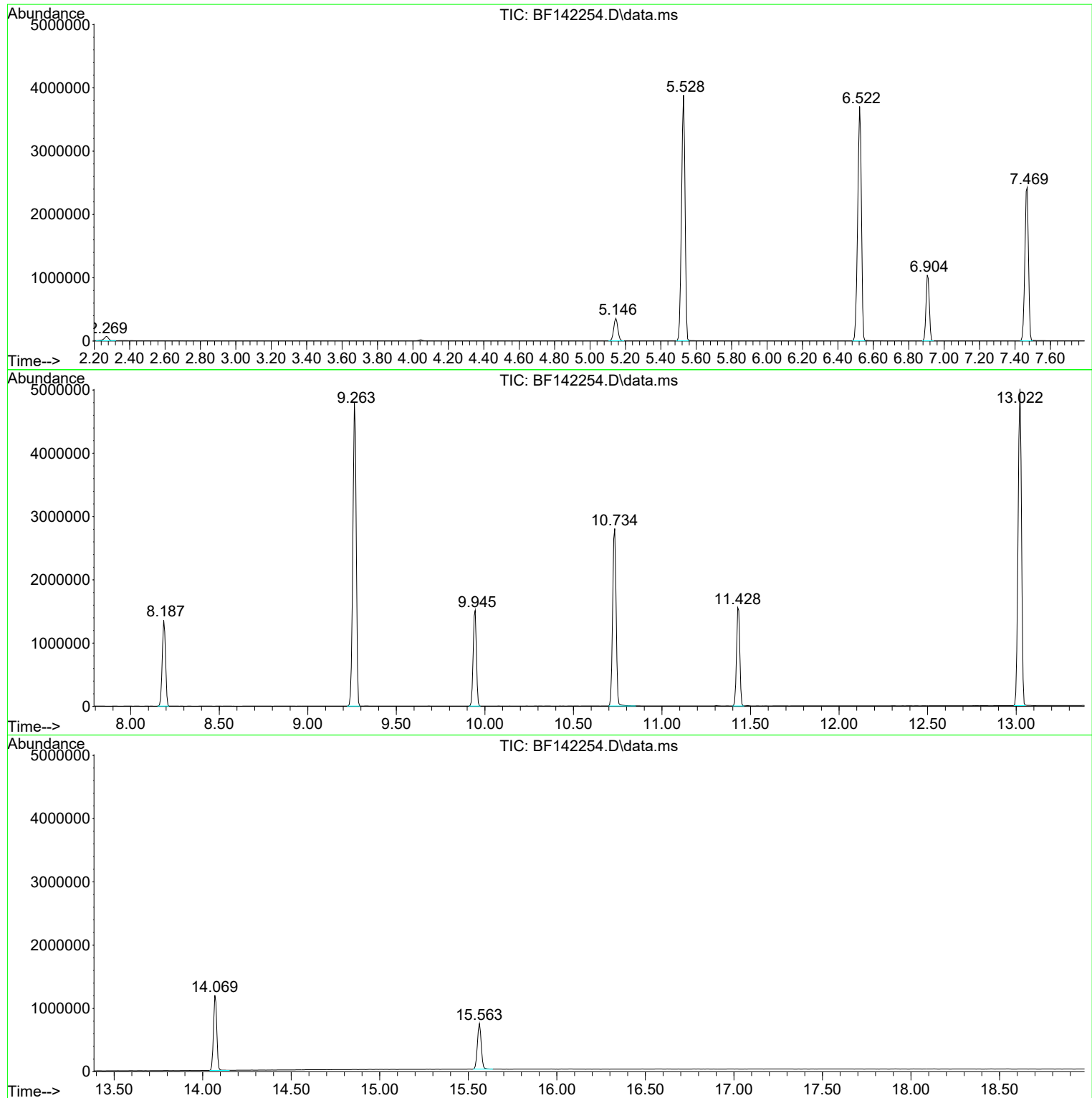
Sum of corrected areas: 41314870

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142254.D
Acq On : 01 May 2025 12:10
Operator : RC/JU
Sample : PB167810BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167810BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142254.D
Acq On : 01 May 2025 12:10
Operator : RC/JU
Sample : PB167810BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

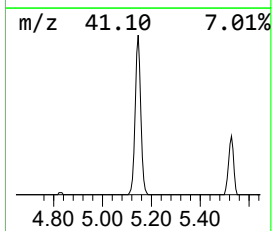
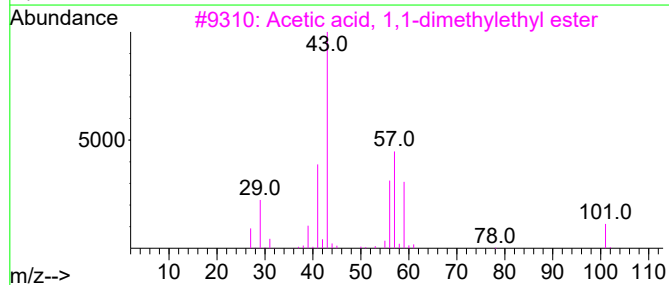
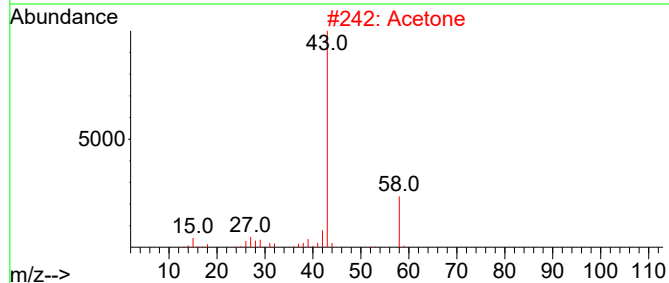
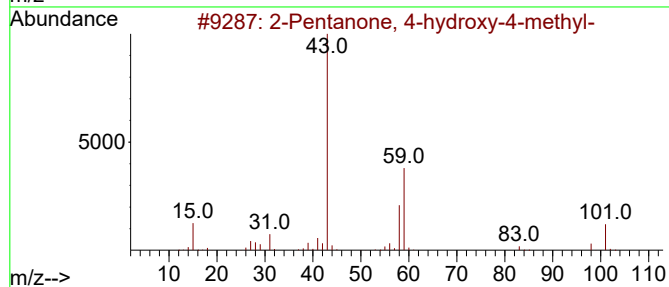
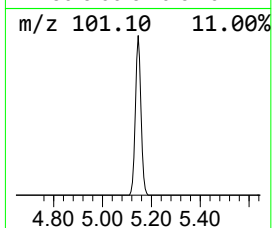
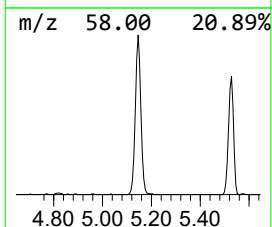
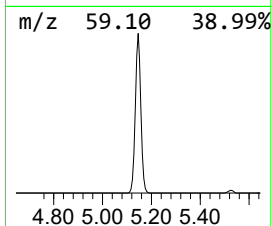
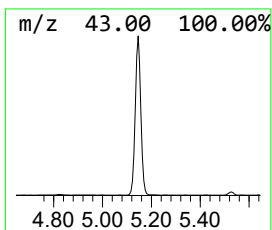
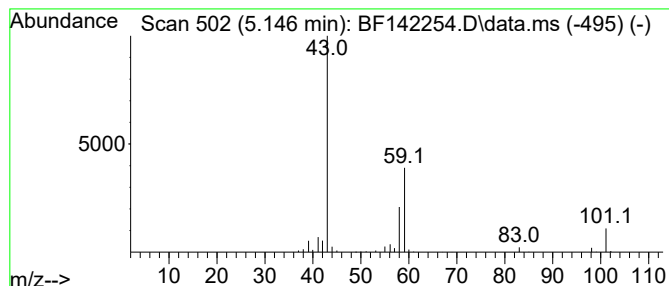
Instrument :
BNA_F
ClientSampleId :
PB167810BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.146	8.69 ng	568563	1,4-Dichlorobenzene-d4			6.904
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	83
2	Acetone		58	C3H6O	000067-64-1	27
3	Acetic acid, 1,1-dimethylethyl e...		116	C6H12O2	000540-88-5	25
4	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	12
5	tert-Butyl Hydroperoxide		90	C4H10O2	000075-91-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142254.D
Acq On : 01 May 2025 12:10
Operator : RC/JU
Sample : PB167810BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167810BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.146	8.7	ng	568563	1	6.904	1309090	20.0

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167810BS	SDG No.:	Q1907
Lab Sample ID:	PB167810BS	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
BF142255.D	1	04/30/25 13:15	05/01/25 12:39	PB167810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	37.2		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	39.6		0.53	5.00	ug/L
95-48-7	2-Methylphenol	41.0		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	40.8		1.10	10.0	ug/L
67-72-1	Hexachloroethane	41.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	45.8		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.5		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	43.4		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.9		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	49.8		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	41.6		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	93.4	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	111		10 - 139	74%	SPK: 150
13127-88-3	Phenol-d6	113		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.4		49 - 133	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.5		52 - 132	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		44 - 137	88%	SPK: 150
1718-51-0	Terphenyl-d14	74.1		48 - 125	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	229000		6.91		
1146-65-2	Naphthalene-d8	893000		8.192		
15067-26-2	Acenaphthene-d10	472000		9.945		
1517-22-2	Phenanthrene-d10	805000		11.433		
1719-03-5	Chrysene-d12	464000		14.074		
1520-96-3	Perylene-d12	447000		15.568		

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	
Project:	Walsh CO-032 Sampling		Date Received:	
Client Sample ID:	PB167810BS		SDG No.:	Q1907
Lab Sample ID:	PB167810BS		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
BF142255.D	1	04/30/25 13:15	05/01/25 12:39	PB167810

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\BF050125\
 Data File : BF142255.D
 Acq On : 01 May 2025 12:39
 Operator : RC/JU
 Sample : PB167810BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167810BS

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: May 01 13:05:39 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

05/02/2025
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards

1) 1,4-Dichlorobenzene-d4	6.910	152	228833	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	892782	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	472284	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	804874	20.000	ng	0.00
76) Chrysene-d12	14.074	240	464382	20.000	ng	0.00
86) Perylene-d12	15.568	264	446826	20.000	ng	0.00

05/02/2025
 Supervised By :Jagrut
 Upadhyay

System Monitoring Compounds

5) 2-Fluorophenol	5.534	112	1593182	111.191	ng	0.02
7) Phenol-d6	6.528	99	1946714	112.510	ng	0.00
23) Nitrobenzene-d5	7.469	82	1119930	82.412	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	568456	132.029	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2294519	68.501	ng	0.00
79) Terphenyl-d14	13.021	244	2366082	74.104	ng	0.00

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.798	88	217494	33.987	ng	98
3) Pyridine	3.551	79	618200	37.171	ng	100
4) n-Nitrosodimethylamine	3.504	42	358234	41.623	ng	99
6) Aniline	6.569	93	471322	19.245	ng	100
8) 2-Chlorophenol	6.692	128	631635	42.661	ng	99
9) Benzaldehyde	6.457	77	305773	25.285	ng	98
10) Phenol	6.545	94	755191m	40.542	ng	
11) bis(2-Chloroethyl)ether	6.639	93	588988	40.804	ng	99
12) 1,3-Dichlorobenzene	6.851	146	659968	39.402	ng	98
13) 1,4-Dichlorobenzene	6.928	146	667827	39.574	ng	99
14) 1,2-Dichlorobenzene	7.075	146	650967	40.407	ng	99
15) Benzyl Alcohol	7.045	79	515024	41.969	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1072194	41.135	ng	100
17) 2-Methylphenol	7.151	107	497856	41.046	ng	99
18) Hexachloroethane	7.422	117	231050	41.832	ng	97
19) n-Nitroso-di-n-propyla...	7.322	70	427592	39.992	ng	99
20) 3+4-Methylphenols	7.304	107	618253	40.760	ng	92
22) Acetophenone	7.316	105	826671	40.025	ng	99
24) Nitrobenzene	7.492	77	610784	45.807	ng	99
25) Isophorone	7.728	82	1177064	41.271	ng	99
26) 2-Nitrophenol	7.804	139	256947	46.237	ng	99
27) 2,4-Dimethylphenol	7.839	122	602302	41.886	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	734241	40.821	ng	99
29) 2,4-Dichlorophenol	8.039	162	518664	43.143	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	544203	40.565	ng	99
31) Naphthalene	8.216	128	1769061	39.733	ng	100
32) Benzoic acid	7.945	122	321202m	47.181	ng	
33) 4-Chloroaniline	8.251	127	82158	4.431	ng	99
34) Hexachlorobutadiene	8.328	225	324756	41.492	ng	99
35) Caprolactam	8.622	113	163644m	45.287	ng	
36) 4-Chloro-3-methylphenol	8.733	107	523494	42.406	ng	99
37) 2-Methylnaphthalene	8.904	142	1090096	39.822	ng	99
38) 1-Methylnaphthalene	9.004	142	1143793	40.333	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	524634	39.471	ng	99
41) Hexachlorocyclopentadiene	9.057	237	668416	88.607	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	357651	43.423	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142255.D
 Acq On : 01 May 2025 12:39
 Operator : RC/JU
 Sample : PB167810BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB167810BS

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

05/02/2025

Supervised By :Jagrut
 Upadhyay

05/02/2025

Supervised By :Jagrut
 Upadhyay

Quant Time: May 01 13:05:39 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	9.216	196	388570	44.872	ng	98
46) 1,1'-Biphenyl	9.369	154	1458088	39.713	ng	100
47) 2-Chloronaphthalene	9.392	162	1093139	40.017	ng	100
48) 2-Nitroaniline	9.486	65	321433	44.957	ng	99
49) Acenaphthylene	9.810	152	1847757	40.085	ng	100
50) Dimethylphthalate	9.669	163	1268421	41.981	ng	100
51) 2,6-Dinitrotoluene	9.727	165	263569	45.692	ng	98
52) Acenaphthene	9.980	154	1164359	43.261	ng	100
53) 3-Nitroaniline	9.892	138	98911	16.287	ng	95
54) 2,4-Dinitrophenol	9.998	184	196654	90.602	ng	# 18
55) Dibenzofuran	10.157	168	1606504	39.818	ng	100
56) 4-Nitrophenol	10.045	139	484293	101.975	ng	98
57) 2,4-Dinitrotoluene	10.133	165	350987	49.818	ng	98
58) Fluorene	10.498	166	1221943	39.832	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	330098	46.019	ng	99
60) Diethylphthalate	10.369	149	1267747	42.490	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	585254	40.172	ng	99
62) 4-Nitroaniline	10.510	138	286425	44.888	ng	99
63) Azobenzene	10.651	77	1208231	41.009	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	126239	47.699	ng	95
66) n-Nitrosodiphenylamine	10.610	169	1104532	40.164	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	373384	41.655	ng	98
68) Hexachlorobenzene	11.045	284	417991	41.636	ng	100
69) Atrazine	11.133	200	332195	45.827	ng	98
70) Pentachlorophenol	11.233	266	495448	93.418	ng	98
71) Phenanthrene	11.463	178	1740817	40.041	ng	100
72) Anthracene	11.510	178	1786049	40.180	ng	100
73) Carbazole	11.663	167	1677441	41.368	ng	100
74) Di-n-butylphthalate	11.998	149	1839790	45.113	ng	100
75) Fluoranthene	12.645	202	1819275	42.331	ng	99
77) Benzidine	12.763	184	347980	17.635	ng	98
78) Pyrene	12.880	202	1803569	42.103	ng	99
80) Butylbenzylphthalate	13.498	149	532587	45.667	ng	99
81) Benzo(a)anthracene	14.062	228	1330282	42.672	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	74664	8.154	ng	98
83) Chrysene	14.104	228	1152993	40.631	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	632694	39.646	ng	99
85) Di-n-octyl phthalate	14.674	149	1144596	39.690	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1374940	42.010	ng	100
88) Benzo(b)fluoranthene	15.127	252	1207610	43.510	ng	99
89) Benzo(k)fluoranthene	15.156	252	1003805	39.540	ng	99
90) Benzo(a)pyrene	15.504	252	1073003	42.227	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	1112811	41.894	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1122234	42.026	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142255.D
Acq On : 01 May 2025 12:39
Operator : RC/JU
Sample : PB167810BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167810BS

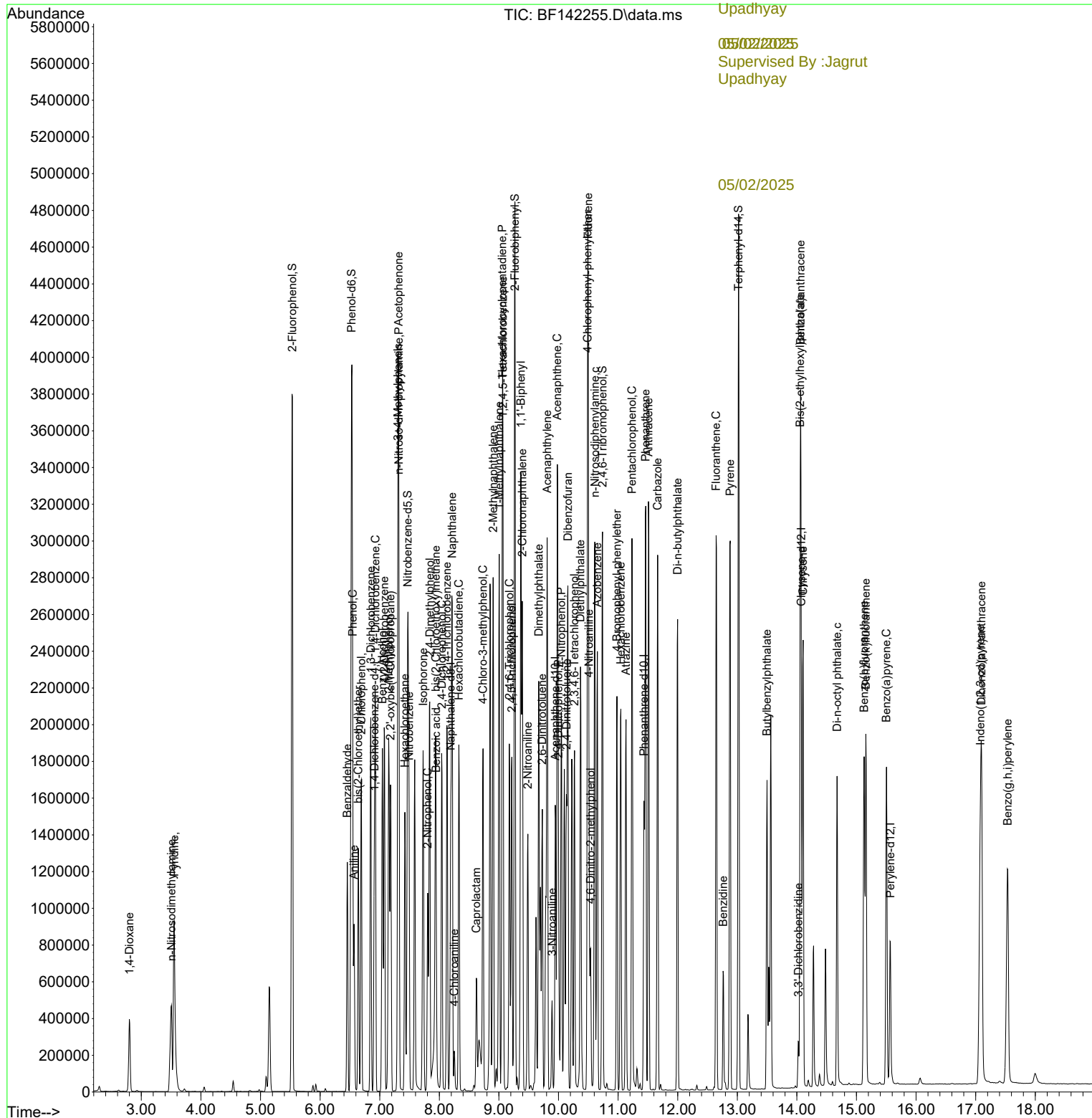
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025
Supervised By :Jagrut
Upadhyay

05/02/2025
Supervised By :Jagrut
Upadhyay

05/02/2025



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/26/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MS	SDG No.:	Q1907
Lab Sample ID:	Q1901-08MS	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
BF142277.D	1	04/30/25 13:15	05/02/25 12:27	PB167810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	270		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	340		5.30	50.0	ug/L
95-48-7	2-Methylphenol	360		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	360		11.0	100	ug/L
67-72-1	Hexachloroethane	350		6.50	50.0	ug/L
98-95-3	Nitrobenzene	440		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	380		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	470		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	460		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	500		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	440		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	940	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	96.6		10 - 139	64%	SPK: 150
13127-88-3	Phenol-d6	89.8		10 - 134	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.0		49 - 133	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.7		52 - 132	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		44 - 137	84%	SPK: 150
1718-51-0	Terphenyl-d14	70.4		48 - 125	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	213000		6.91		
1146-65-2	Naphthalene-d8	808000		8.193		
15067-26-2	Acenaphthene-d10	402000		9.945		
1517-22-2	Phenanthrene-d10	630000		11.433		
1719-03-5	Chrysene-d12	370000		14.069		
1520-96-3	Perylene-d12	379000		15.557		

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/26/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MS	SDG No.:	Q1907
Lab Sample ID:	Q1901-08MS	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
BF142277.D	1	04/30/25 13:15	05/02/25 12:27	PB167810

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 : BF142277.D
 Acq On : 02 May 2025 12:27
 Operator : RC/JU
 Sample : Q1901-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MS

Manual Integrations
 APPROVED

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

Quant Time: May 02 13:05:51 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	212656	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	808361	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	402059	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	629997	20.000	ng	0.00
76) Chrysene-d12	14.069	240	370460	20.000	ng	0.00
86) Perylene-d12	15.557	264	379220	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1285671	96.555	ng	0.01
7) Phenol-d6	6.528	99	1443545	89.776	ng	0.00
23) Nitrobenzene-d5	7.469	82	1033716	84.012	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	462379	126.149	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2016863	70.728	ng	0.00
79) Terphenyl-d14	13.016	244	1792164	70.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	169976	28.583	ng	# 84
3) Pyridine	3.546	79	415695	26.896	ng	99
4) n-Nitrosodimethylamine	3.481	42	278483	34.818	ng	99
6) Aniline	6.569	93	185208	8.138	ng	100
8) 2-Chlorophenol	6.693	128	531955	38.662	ng	99
9) Benzaldehyde	6.457	77	175465	15.613	ng	99
10) Phenol	6.540	94	537381m	31.043	ng	
11) bis(2-Chloroethyl)ether	6.646	93	502092	37.430	ng	99
12) 1,3-Dichlorobenzene	6.851	146	511679	32.873	ng	99
13) 1,4-Dichlorobenzene	6.928	146	527665	33.647	ng	99
14) 1,2-Dichlorobenzene	7.081	146	509008	33.999	ng	99
15) Benzyl Alcohol	7.046	79	445258	39.044	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	916352	37.830	ng	99
17) 2-Methylphenol	7.151	107	403260	35.777	ng	100
18) Hexachloroethane	7.422	117	180036	35.075	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	379242	38.168	ng	98
20) 3+4-Methylphenols	7.304	107	508536	36.077	ng	91
22) Acetophenone	7.316	105	714285	38.195	ng	97
24) Nitrobenzene	7.487	77	532026	44.068	ng	100
25) Isophorone	7.728	82	1017548	39.404	ng	99
26) 2-Nitrophenol	7.804	139	249952	48.946	ng	98
27) 2,4-Dimethylphenol	7.834	122	465938	35.787	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	653302	40.114	ng	100
29) 2,4-Dichlorophenol	8.040	162	450542	41.390	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	460388	37.902	ng	100
31) Naphthalene	8.210	128	1515067	37.582	ng	100
32) Benzoic acid	7.922	122	217267	37.981	ng	97
33) 4-Chloroaniline	8.251	127	79798	4.754	ng	99
34) Hexachlorobutadiene	8.328	225	267842	37.794	ng	99
35) Caprolactam	8.616	113	114486m	34.992	ng	
36) 4-Chloro-3-methylphenol	8.728	107	450003	40.260	ng	99
37) 2-Methylnaphthalene	8.898	142	965025	38.934	ng	99
38) 1-Methylnaphthalene	8.998	142	1001608	39.008	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	466320	41.212	ng	99
41) Hexachlorocyclopentadiene	9.057	237	570339	88.811	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	326161	46.517	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142277.D
 Acq On : 02 May 2025 12:27
 Operator : RC/JU
 Sample : Q1901-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MS

Manual Integrations
 APPROVED

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

Quant Time: May 02 13:05:51 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	336279	45.616	ng	99
46) 1,1'-Biphenyl	9.363	154	1292053	41.337	ng	99
47) 2-Chloronaphthalene	9.392	162	960343	41.296	ng	99
48) 2-Nitroaniline	9.481	65	294596	48.035	ng	98
49) Acenaphthylene	9.810	152	1605889	40.923	ng	100
50) Dimethylphthalate	9.663	163	1104923	42.957	ng	100
51) 2,6-Dinitrotoluene	9.722	165	230556	46.839	ng	99
52) Acenaphthene	9.981	154	1000886	43.682	ng	99
53) 3-Nitroaniline	9.886	138	93454	17.726	ng	98
54) 2,4-Dinitrophenol	9.992	184	156192	86.643	ng	# 52
55) Dibenzofuran	10.151	168	1420255	41.350	ng	100
56) 4-Nitrophenol	10.039	139	369705	91.443	ng	99
57) 2,4-Dinitrotoluene	10.128	165	301103	50.164	ng	96
58) Fluorene	10.492	166	1070926	41.007	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	273427	44.776	ng	99
60) Diethylphthalate	10.363	149	1082961	42.636	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	522609	42.138	ng	96
62) 4-Nitroaniline	10.504	138	228504	42.238	ng	97
63) Azobenzene	10.645	77	1037185	41.352	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	106866	50.723	ng	90
66) n-Nitrosodiphenylamine	10.604	169	918104	42.652	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	319645	45.559	ng	98
68) Hexachlorobenzene	11.039	284	349088	44.425	ng	98
69) Atrazine	11.128	200	274854	48.442	ng	99
70) Pentachlorophenol	11.233	266	390510	94.071	ng	98
71) Phenanthrene	11.457	178	1459064	42.876	ng	100
72) Anthracene	11.510	178	1476623	42.440	ng	99
73) Carbazole	11.657	167	1322084	41.655	ng	100
74) Di-n-butylphthalate	11.992	149	1508741	47.265	ng	100
75) Fluoranthene	12.645	202	1362829	40.513	ng	98
77) Benzidine	12.763	184	40553	2.576	ng	97
78) Pyrene	12.875	202	1353270	39.600	ng	100
80) Butylbenzylphthalate	13.492	149	486120	51.715	ng	99
81) Benzo(a)anthracene	14.057	228	1077111	43.310	ng	100
82) 3,3'-Dichlorobenzidine	14.022	252	61349	8.398	ng	98
83) Chrysene	14.098	228	946310	41.802	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	628324	48.509	ng	99
85) Di-n-octyl phthalate	14.669	149	1009277	43.232	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1154061	41.548	ng	100
88) Benzo(b)fluoranthene	15.121	252	1089899	46.269	ng	99
89) Benzo(k)fluoranthene	15.151	252	857957	39.820	ng	99
90) Benzo(a)pyrene	15.498	252	936845	43.441	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	933265	41.398	ng	100
92) Benzo(g,h,i)perylene	17.521	276	936160	41.307	ng	99

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

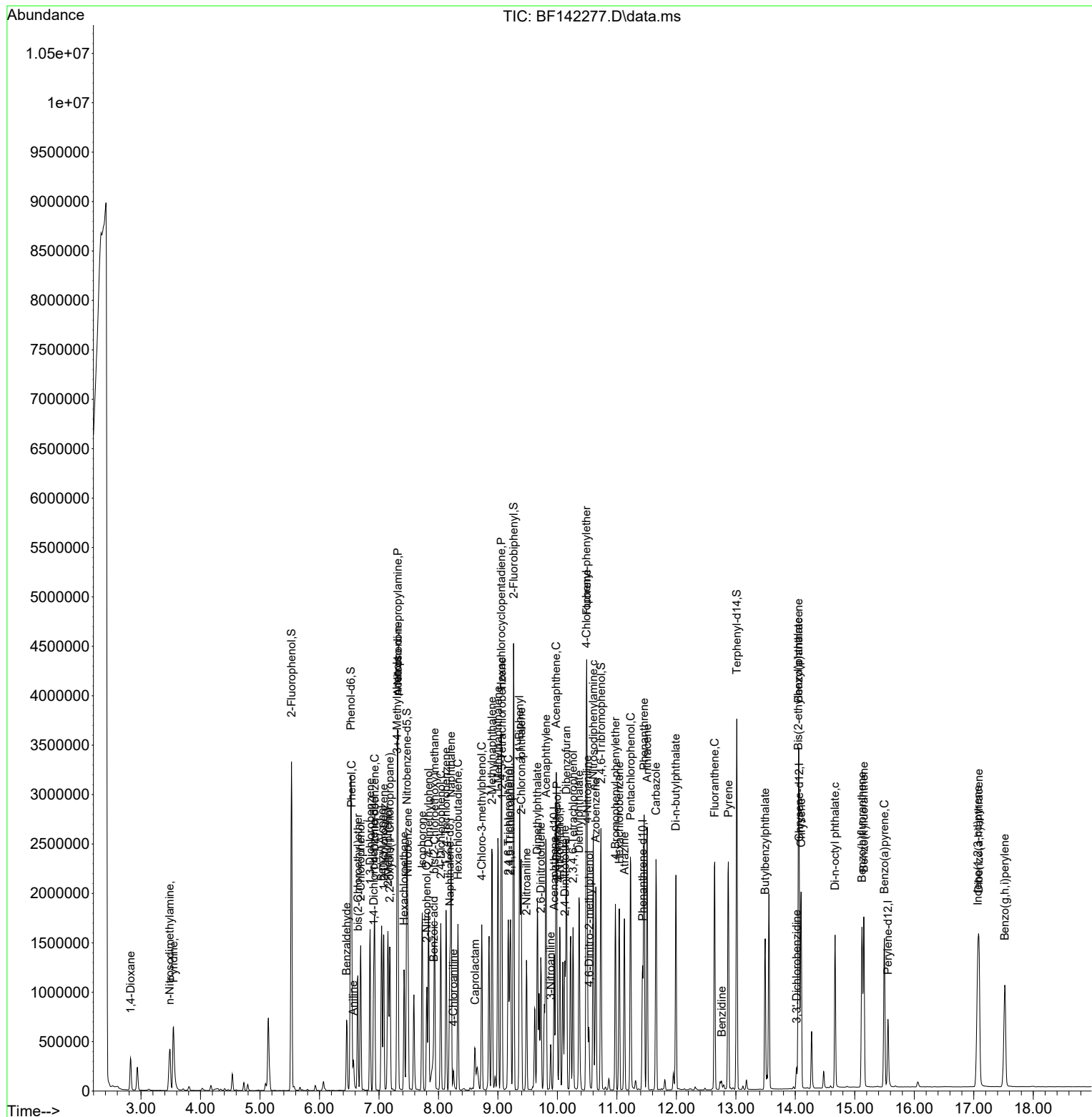
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142277.D
Acq On : 02 May 2025 12:27
Operator : RC/JU
Sample : Q1901-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

Manual Integrations APPROVED

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

Quant Time: May 02 13:05:51 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



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/26/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MSD	SDG No.:	Q1907
Lab Sample ID:	Q1901-08MSD	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
BF142278.D	1	04/30/25 13:15	05/02/25 12:55	PB167810

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	280		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	340		5.30	50.0	ug/L
95-48-7	2-Methylphenol	370		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	370		11.0	100	ug/L
67-72-1	Hexachloroethane	370		6.50	50.0	ug/L
98-95-3	Nitrobenzene	460		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	390		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	470		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	530		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	450		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	970	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	99.4		10 - 139	66%	SPK: 150
13127-88-3	Phenol-d6	92.8		10 - 134	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.8		49 - 133	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.3		52 - 132	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		44 - 137	88%	SPK: 150
1718-51-0	Terphenyl-d14	72.8		48 - 125	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	217000	6.91			
1146-65-2	Naphthalene-d8	833000	8.193			
15067-26-2	Acenaphthene-d10	419000	9.945			
1517-22-2	Phenanthrene-d10	684000	11.433			
1719-03-5	Chrysene-d12	400000	14.069			
1520-96-3	Perylene-d12	401000	15.563			

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	04/26/25
Project:	Walsh CO-032 Sampling		Date Received:	04/28/25
Client Sample ID:	B-167-SB01MSD		SDG No.:	Q1907
Lab Sample ID:	Q1901-08MSD		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
BF142278.D	1	04/30/25 13:15	05/02/25 12:55	PB167810

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 : BF142278.D
 Acq On : 02 May 2025 12:55
 Operator : RC/JU
 Sample : Q1901-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

Manual Integrations
 APPROVED

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

Quant Time: May 02 13:41:32 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	217028	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	832936	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	419407	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	684254	20.000	ng	0.00
76) Chrysene-d12	14.069	240	400079	20.000	ng	0.00
86) Perylene-d12	15.563	264	401381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1351308	99.440	ng	0.01
7) Phenol-d6	6.528	99	1523396	92.834	ng	0.00
23) Nitrobenzene-d5	7.469	82	1112775	87.769	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	506639	132.507	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2151303	72.323	ng	0.00
79) Terphenyl-d14	13.016	244	2003750	72.842	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	174625	28.773	ng	# 82
3) Pyridine	3.546	79	441222	27.973	ng	100
4) n-Nitrosodimethylamine	3.487	42	294114	36.032	ng	99
6) Aniline	6.569	93	197398	8.499	ng	98
8) 2-Chlorophenol	6.693	128	562936	40.089	ng	99
9) Benzaldehyde	6.457	77	183950	16.038	ng	99
10) Phenol	6.540	94	571858m	32.370	ng	
11) bis(2-Chloroethyl)ether	6.646	93	532809	38.919	ng	99
12) 1,3-Dichlorobenzene	6.851	146	542334	34.140	ng	99
13) 1,4-Dichlorobenzene	6.928	146	548211	34.253	ng	99
14) 1,2-Dichlorobenzene	7.081	146	540561	35.379	ng	99
15) Benzyl Alcohol	7.046	79	478246	41.092	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	960997	38.874	ng	100
17) 2-Methylphenol	7.151	107	427556	37.168	ng	99
18) Hexachloroethane	7.422	117	192593	36.766	ng	96
19) n-Nitroso-di-n-propyla...	7.322	70	400784	39.523	ng	99
20) 3+4-Methylphenols	7.304	107	538223	37.414	ng	92
22) Acetophenone	7.316	105	748030	38.819	ng	97
24) Nitrobenzene	7.487	77	571114	45.910	ng	100
25) Isophorone	7.728	82	1075681	40.426	ng	99
26) 2-Nitrophenol	7.804	139	277477	51.929	ng	98
27) 2,4-Dimethylphenol	7.834	122	495291	36.919	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	685392	40.843	ng	99
29) 2,4-Dichlorophenol	8.040	162	483547	43.112	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	482951	38.586	ng	99
31) Naphthalene	8.210	128	1609412	38.745	ng	100
32) Benzoic acid	7.928	122	263320	42.769	ng	97
33) 4-Chloroaniline	8.251	127	72531	4.193	ng	99
34) Hexachlorobutadiene	8.328	225	287976	39.436	ng	99
35) Caprolactam	8.616	113	125300m	37.167	ng	
36) 4-Chloro-3-methylphenol	8.728	107	484815	42.095	ng	99
37) 2-Methylnaphthalene	8.904	142	1012785	39.656	ng	100
38) 1-Methylnaphthalene	8.998	142	1065609	40.276	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	493589	41.817	ng	99
41) Hexachlorocyclopentadiene	9.057	237	611613	91.299	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	351147	48.009	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142278.D
 Acq On : 02 May 2025 12:55
 Operator : RC/JU
 Sample : Q1901-08MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

Manual Integrations
 APPROVED

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

Quant Time: May 02 13:41:32 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

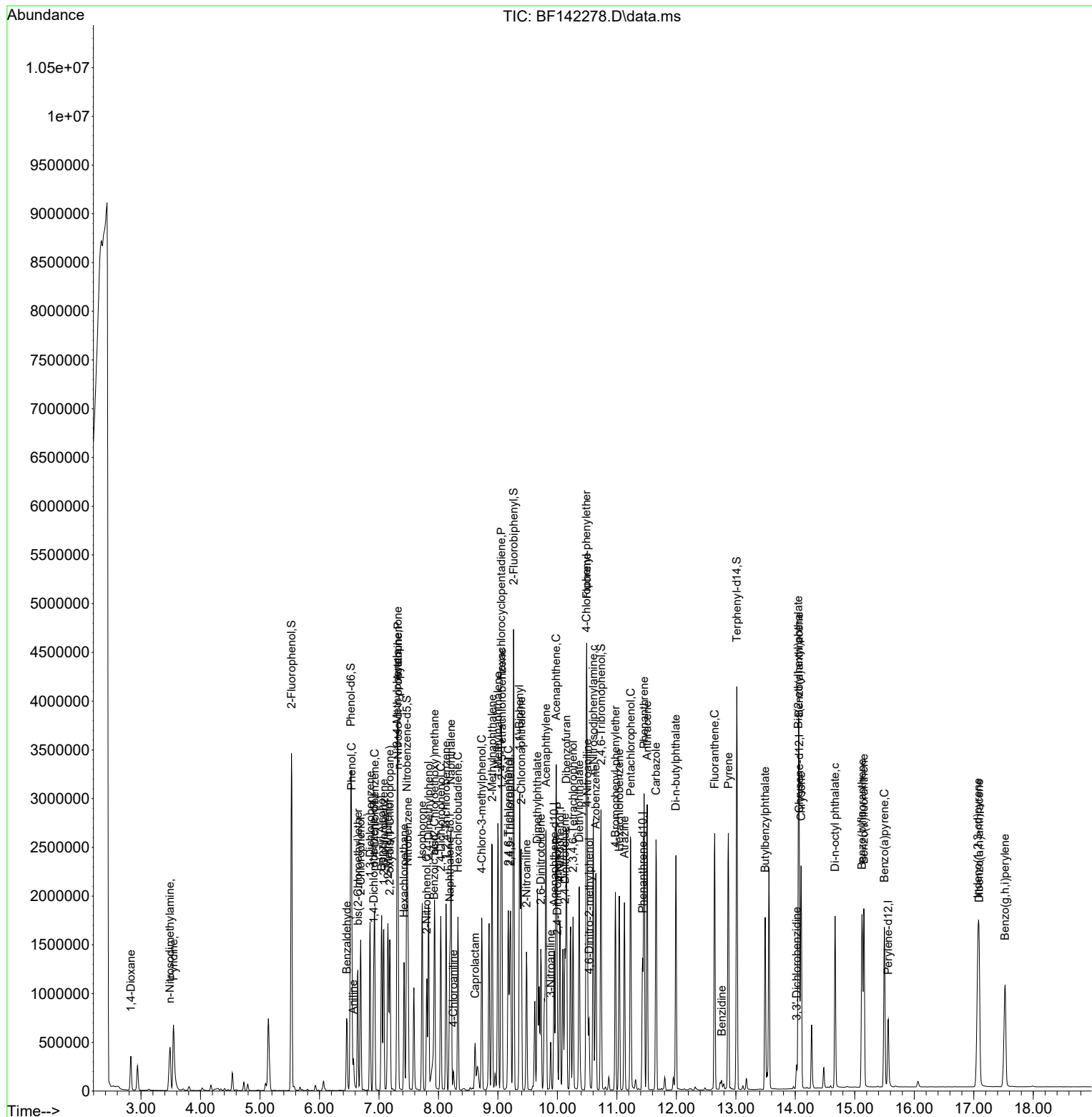
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	361688	47.034	ng	99
46) 1,1'-Biphenyl	9.363	154	1368430	41.970	ng	100
47) 2-Chloronaphthalene	9.392	162	1020867	42.083	ng	99
48) 2-Nitroaniline	9.481	65	319718	49.782	ng	98
49) Acenaphthylene	9.810	152	1710079	41.776	ng	100
50) Dimethylphthalate	9.663	163	1199810	44.716	ng	100
51) 2,6-Dinitrotoluene	9.722	165	253926	49.228	ng	99
52) Acenaphthene	9.981	154	1087078	45.482	ng	98
53) 3-Nitroaniline	9.886	138	99043	17.958	ng	98
54) 2,4-Dinitrophenol	9.998	184	184644	93.898	ng	# 1
55) Dibenzofuran	10.151	168	1522541	42.495	ng	100
56) 4-Nitrophenol	10.045	139	407185	96.548	ng	99
57) 2,4-Dinitrotoluene	10.128	165	336232	53.345	ng	96
58) Fluorene	10.492	166	1144424	42.008	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	303708	47.678	ng	99
60) Diethylphthalate	10.369	149	1182771	44.640	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	556055	42.980	ng	97
62) 4-Nitroaniline	10.504	138	257712	45.444	ng	98
63) Azobenzene	10.645	77	1119990	42.806	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	125145	53.859	ng	94
66) n-Nitrosodiphenylamine	10.604	169	983989	42.088	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	347963	45.662	ng	99
68) Hexachlorobenzene	11.039	284	382262	44.789	ng	97
69) Atrazine	11.128	200	312642	50.733	ng	99
70) Pentachlorophenol	11.233	266	437319	96.993	ng	99
71) Phenanthrene	11.457	178	1591587	43.062	ng	100
72) Anthracene	11.510	178	1599092	42.316	ng	100
73) Carbazole	11.657	167	1465976	42.526	ng	100
74) Di-n-butylphthalate	11.992	149	1677931	48.397	ng	100
75) Fluoranthene	12.645	202	1520599	41.619	ng	98
77) Benzidine	12.763	184	44894	2.641	ng	97
78) Pyrene	12.875	202	1524967	41.321	ng	100
80) Butylbenzylphthalate	13.492	149	558469	54.776	ng	99
81) Benzo(a)anthracene	14.063	228	1194007	44.456	ng	100
82) 3,3'-Dichlorobenzidine	14.022	252	70246	8.904	ng	99
83) Chrysene	14.098	228	1076915	44.049	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	722253	51.410	ng	99
85) Di-n-octyl phthalate	14.669	149	1156306	45.494	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1219041	41.464	ng	100
88) Benzo(b)fluoranthene	15.121	252	1168207	46.856	ng	99
89) Benzo(k)fluoranthene	15.151	252	987950	43.322	ng	100
90) Benzo(a)pyrene	15.498	252	1023759	44.850	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	988821	41.441	ng	99
92) Benzo(g,h,i)perylene	17.527	276	978093	40.775	ng	99

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

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

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:	bf050125	Instrument	BNA_f
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142250.D	Benzoic acid	Rahul	5/2/2025 10:45:14 AM	Jagrut	5/2/2025 4:47:49 PM	Peak Integrated by Software
SSTDCCC040	BF142250.D	Phenol	Rahul	5/2/2025 10:45:14 AM	Jagrut	5/2/2025 4:47:49 PM	Peak Integrated by Software
PB167810BS	BF142255.D	Benzoic acid	Rahul	5/2/2025 10:45:25 AM	Jagrut	5/2/2025 4:47:56 PM	Peak Integrated by Software
PB167810BS	BF142255.D	Caprolactam	Rahul	5/2/2025 10:45:25 AM	Jagrut	5/2/2025 4:47:56 PM	Peak Integrated by Software
PB167810BS	BF142255.D	Phenol	Rahul	5/2/2025 10:45:25 AM	Jagrut	5/2/2025 4:47:56 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
Q1901-08MS	BF142277.D	Caprolactam	Rahul	5/5/2025 10:14:41 AM	Jagrut	5/5/2025 11:52:00 AM	Peak Integrated by Software
Q1901-08MS	BF142277.D	Phenol	Rahul	5/5/2025 10:14:41 AM	Jagrut	5/5/2025 11:52:00 AM	Peak Integrated by Software
Q1901-08MSD	BF142278.D	Caprolactam	Rahul	5/5/2025 10:14:44 AM	Jagrut	5/5/2025 11:52:03 AM	Peak Integrated by Software
Q1901-08MSD	BF142278.D	Phenol	Rahul	5/5/2025 10:14:44 AM	Jagrut	5/5/2025 11:52:03 AM	Peak Integrated by Software

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



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

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



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

Manual Integration Report

Sequence:

BP050525

Instrument

BNA_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

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 # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM
SubDirectory	BF050125	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	BF142249.D	01 May 2025 09:48	RC/JU	Ok
2	SSTDCCC040	BF142250.D	01 May 2025 10:17	RC/JU	Ok,M
3	PB167798BL	BF142251.D	01 May 2025 10:45	RC/JU	Ok
4	PB167798BS	BF142252.D	01 May 2025 11:13	RC/JU	Ok,M
5	PB167798BSD	BF142253.D	01 May 2025 11:42	RC/JU	Ok,M
6	PB167810BL	BF142254.D	01 May 2025 12:10	RC/JU	Ok
7	PB167810BS	BF142255.D	01 May 2025 12:39	RC/JU	Ok,M
8	PB167774TB	BF142256.D	01 May 2025 13:07	RC/JU	Ok
9	Q1890-01	BF142257.D	01 May 2025 13:40	RC/JU	Ok
10	Q1920-01	BF142258.D	01 May 2025 14:09	RC/JU	Ok,M
11	Q1914-14	BF142259.D	01 May 2025 14:37	RC/JU	Ok
12	Q1913-04	BF142260.D	01 May 2025 15:06	RC/JU	Ok
13	Q1915-01	BF142261.D	01 May 2025 15:34	RC/JU	Ok
14	Q1903-01	BF142262.D	01 May 2025 16:03	RC/JU	Ok
15	Q1903-02	BF142263.D	01 May 2025 16:31	RC/JU	Ok
16	Q1903-03	BF142264.D	01 May 2025 17:00	RC/JU	Ok
17	Q1906-01	BF142265.D	01 May 2025 17:29	RC/JU	Ok
18	Q1906-13	BF142266.D	01 May 2025 17:57	RC/JU	Ok
19	Q1901-06	BF142267.D	01 May 2025 18:26	RC/JU	Ok
20	Q1901-02	BF142268.D	01 May 2025 18:55	RC/JU	Ok,M
21	Q1901-02MS	BF142269.D	01 May 2025 19:24	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM		
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM		
SubDirectory	BF050125	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					

22	Q1901-02MSD	BF142270.D	01 May 2025 19:52	RC/JU	Ok,M
23	Q1901-04	BF142271.D	01 May 2025 20:20	RC/JU	Ok
24	Q1901-05	BF142272.D	01 May 2025 20:49	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_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		Review On			
Supervise By		Supervise On			
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,NR
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,NR

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 # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM
SubDirectory	BF050125	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	BF142249.D	01 May 2025 09:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142250.D	01 May 2025 10:17		RC/JU	Ok,M
3	PB167798BL	PB167798BL	BF142251.D	01 May 2025 10:45		RC/JU	Ok
4	PB167798BS	PB167798BS	BF142252.D	01 May 2025 11:13		RC/JU	Ok,M
5	PB167798BSD	PB167798BSD	BF142253.D	01 May 2025 11:42		RC/JU	Ok,M
6	PB167810BL	PB167810BL	BF142254.D	01 May 2025 12:10		RC/JU	Ok
7	PB167810BS	PB167810BS	BF142255.D	01 May 2025 12:39		RC/JU	Ok,M
8	PB167774TB	PB167774TB	BF142256.D	01 May 2025 13:07		RC/JU	Ok
9	Q1890-01	TW-WTS-07	BF142257.D	01 May 2025 13:40		RC/JU	Ok
10	Q1920-01	291	BF142258.D	01 May 2025 14:09		RC/JU	Ok,M
11	Q1914-14	FB04282025	BF142259.D	01 May 2025 14:37		RC/JU	Ok
12	Q1913-04	WC-13-A-202504	BF142260.D	01 May 2025 15:06		RC/JU	Ok
13	Q1915-01	WC-04282025	BF142261.D	01 May 2025 15:34		RC/JU	Ok
14	Q1903-01	COMP-4	BF142262.D	01 May 2025 16:03		RC/JU	Ok
15	Q1903-02	COMP-5	BF142263.D	01 May 2025 16:31		RC/JU	Ok
16	Q1903-03	COMP-6	BF142264.D	01 May 2025 17:00		RC/JU	Ok
17	Q1906-01	WC-4	BF142265.D	01 May 2025 17:29		RC/JU	Ok
18	Q1906-13	WC-7	BF142266.D	01 May 2025 17:57		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM		
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM		
SubDirectory	BF050125	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					

19	Q1901-06	FB04262025	BF142267.D	01 May 2025 18:26		RC/JU	Ok
20	Q1901-02	B-167-SB01	BF142268.D	01 May 2025 18:55		RC/JU	Ok,M
21	Q1901-02MS	B-167-SB01MS	BF142269.D	01 May 2025 19:24		RC/JU	Ok,M
22	Q1901-02MSD	B-167-SB01MSD	BF142270.D	01 May 2025 19:52		RC/JU	Ok,M
23	Q1901-04	B-167-SB02	BF142271.D	01 May 2025 20:20		RC/JU	Ok
24	Q1901-05	B-170-SB02	BF142272.D	01 May 2025 20:49		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_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 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 S12659,10ul/1000ul sample SP6770

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	Review On
Supervise By	Supervise On
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,NR
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		Review On									
Supervise By		Supervise On									
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,NR
----	------------	--------------	------------	-------------------	--	-------	-------

M : Manual Integration

SOP ID : M1311-TCLP-15

SDG No : N/A

Welgh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 115525

Start Prep Date : 04/29/2025 **Time :** 17:20

End Prep Date : 04/30/2025 **Time :** 11:30

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : [Signature]

Supervisor By : [Signature]

Standard 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. q1894-01,02 and 03 we receive limited volume so no fluid determentation. Q1901-08 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/30/25 13:00	JP Lab Room	SW, RJL E-1
	Preparation Group	Analysis Group

TCLP EXTRACTION LOGPAGE

PB167774

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
PB167774TB	LEB774	21	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q1894-01	PAINTED-GROUND-PIPE--1	01	25.00	500	N/A	N/A	N/A	5.5	1.0	T-1
Q1894-02	PAINTED-GROUND-PIPE-2	02	35.00	700	N/A	N/A	N/A	5.6	1.5	T-1
Q1894-03	PAINTED-GROUND-PIPE-3	03	34.00	680	N/A	N/A	N/A	5.6	1.5	T-1
Q1901-08	B-167-SB01	04	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1901-09	B-170-SB01	05	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1901-10	B-167-SB02	06	100.04	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1901-11	B-170-SB02	07	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1904-02	VNJ-210	08	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1905-04	MH-G	09	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q1905-08	MH-H	10	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1906-04	WC-4	11	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q1906-08	WC-5	12	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q1906-12	WC-6	13	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-2
Q1906-16	WC-7	14	100.03	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q1907-02	CO-8R-WC	15	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q1912-04	MH-E	16	100.03	2000	N/A	N/A	N/A	4.5	1.0	T-2
Q1912-08	MH-F	17	100.02	2000	N/A	N/A	N/A	4.0	1.5	T-2
Q1913-01	WC-12-S-202504	18	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2
Q1913-03	WC-13-S-202504	19	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q1915-01	WC-04282025	20	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167774TB	LEB774	N/A	N/A	N/A	N/A	N/A	N/A
Q1894-01	PAINTED-GROUND-PIPE--1	N/A	N/A	N/A	N/A	100	N/A
Q1894-02	PAINTED-GROUND-PIPE-2	N/A	N/A	N/A	N/A	100	N/A
Q1894-03	PAINTED-GROUND-PIPE-3	N/A	N/A	N/A	N/A	100	N/A
Q1901-08	B-167-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1901-09	B-170-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1901-10	B-167-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1901-11	B-170-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1904-02	VNJ-210	N/A	N/A	N/A	N/A	100	N/A
Q1905-04	MH-G	N/A	N/A	N/A	N/A	100	N/A
Q1905-08	MH-H	N/A	N/A	N/A	N/A	100	N/A
Q1906-04	WC-4	N/A	N/A	N/A	N/A	100	N/A
Q1906-08	WC-5	N/A	N/A	N/A	N/A	100	N/A
Q1906-12	WC-6	N/A	N/A	N/A	N/A	100	N/A
Q1906-16	WC-7	N/A	N/A	N/A	N/A	100	N/A
Q1907-02	CO-8R-WC	N/A	N/A	N/A	N/A	100	N/A
Q1912-04	MH-E	N/A	N/A	N/A	N/A	100	N/A
Q1912-08	MH-F	N/A	N/A	N/A	N/A	100	N/A
Q1913-01	WC-12-S-202504	N/A	N/A	N/A	N/A	100	N/A
Q1913-03	WC-13-S-202504	N/A	N/A	N/A	N/A	100	N/A
Q1915-01	WC-04282025	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
PB167774TB	LEB774	N/A	N/A	N/A	N/A	N/A	N/A
Q1894-01	PAINTED-GROUND-PIPE--1	N/A	N/A	N/A	N/A	N/A	N/A
Q1894-02	PAINTED-GROUND-PIPE-2	N/A	N/A	N/A	N/A	N/A	N/A
Q1894-03	PAINTED-GROUND-PIPE-3	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-08	B-167-SB01	5.02	96.5	8.4	3.0	#1	4.93
Q1901-09	B-170-SB01	5.01	96.5	9.0	4.0	#1	4.93
Q1901-10	B-167-SB02	5.02	96.5	7.0	3.5	#1	4.93
Q1901-11	B-170-SB02	5.03	96.5	8.2	3.5	#1	4.93
Q1904-02	VNJ-210	5.04	96.5	8.4	3.0	#1	4.93
Q1905-04	MH-G	5.03	96.5	5.6	1.5	#1	4.93
Q1905-08	MH-H	5.02	96.5	6.0	2.0	#1	4.93
Q1906-04	WC-4	5.03	96.5	7.6	2.5	#1	4.93
Q1906-08	WC-5	5.02	96.5	7.0	2.5	#1	4.93
Q1906-12	WC-6	5.01	96.5	6.6	2.0	#1	4.93
Q1906-16	WC-7	5.02	96.5	6.6	2.0	#1	4.93
Q1907-02	CO-8R-WC	5.02	96.5	8.4	3.0	#1	4.93
Q1912-04	MH-E	5.01	96.5	6.6	2.0	#1	4.93
Q1912-08	MH-F	5.02	96.5	6.4	2.0	#1	4.93
Q1913-01	WC-12-S-202504	5.02	96.5	8.2	3.5	#1	4.93
Q1913-03	WC-13-S-202504	5.01	96.5	8.0	3.0	#1	4.93
Q1915-01	WC-04282025	5.02	96.5	8.4	3.5	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q1907 WorkList ID : 189188 Department : TCLP Extraction Date : 04-29-2025 07:58:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1913-01	WC-12-S-202504	Solid	TCLP Extraction	Cool 4 deg C	AECO02	L21	04/29/2025	1311
Q1913-03	WC-13-S-202504	Solid	TCLP Extraction	Cool 4 deg C	AECO02	L21	04/29/2025	1311
Q1915-01	WC-04282025	Solid	TCLP Extraction	Cool 4 deg C	CAMP02	L41	04/28/2025	1311
Q1901-08	B-167-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311
Q1901-09	B-170-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311
Q1901-10	B-167-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311
Q1901-11	B-170-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311
Q1894-01	PAINTED-GROUND-PIPE--1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/28/2025	1311
Q1894-02	PAINTED-GROUND-PIPE-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/28/2025	1311
Q1894-03	PAINTED-GROUND-PIPE-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/28/2025	1311
Q1904-02	VNJ-210	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311
Q1905-04	MH-G	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	04/28/2025	1311
Q1905-08	MH-H	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	04/28/2025	1311
Q1906-04	WC-4	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311
Q1906-08	WC-5	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311
Q1906-12	WC-6	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311
Q1906-16	WC-7	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311
Q1912-04	MH-E	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	04/29/2025	1311
Q1912-08	MH-F	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	04/29/2025	1311
Q1907-02	CO-8R-WC	Solid	TCLP Extraction	Cool 4 deg C	WALS01		04/28/2025	1311

Date/Time 04/29/25 17:00
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 04/29/25 19:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

SOP ID:	M3510C,3580A-Extraction SVOC-20		
Clean Up SOP #:	N/A	Extraction Start Date :	04/30/2025
Matrix :	Water	Extraction Start Time :	13:15
Weigh By:	N/A	Extraction By:	RJ
Balance check:	N/A	Extraction End Date :	04/30/2025
Balance ID:	N/A	Filter By:	RJ
pH Strip Lot#:	E3880	Extraction End Time :	18:25
		Concentration By:	EH
		Supervisor By :	RUPESH
Extraction Method:	☒ Separatory Funnel ☐ Continuous 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
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2865
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
4/30/25	RS (Bath)	Rc/svr
18:30	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 04/30/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167774TB	PB167774TB	TCLP BNA	100	6	RUPESH	ritesh	1			SEP-1
PB167805TB	PB167805TB	TCLP BNA	100	6	RUPESH	ritesh	1			2
PB167810BL	PB167810BL	TCLP BNA	1000	6	RUPESH	ritesh	1			3
PB167810BS	PB167810BS	TCLP BNA	1000	6	RUPESH	ritesh	1			4
Q1901-08	B-167-SB01	TCLP BNA	100	6	RUPESH	ritesh	1	A		5
Q1901-08MS	B-167-SB01MS	TCLP BNA	100	6	RUPESH	ritesh	1	A		6
Q1901-08MS D	B-167-SB01MSD	TCLP BNA	100	6	RUPESH	ritesh	1	A		7
Q1901-09	B-170-SB01	TCLP BNA	100	6	RUPESH	ritesh	1	A		8
Q1901-10	B-167-SB02	TCLP BNA	100	6	RUPESH	ritesh	1	A		9
Q1901-11	B-170-SB02	TCLP BNA	100	6	RUPESH	ritesh	1	A		10
Q1904-02	VNJ-210	TCLP BNA	100	6	RUPESH	ritesh	1	A		11
Q1905-04	MH-G	TCLP BNA	100	6	RUPESH	ritesh	1	A		12
Q1905-08	MH-H	TCLP BNA	100	6	RUPESH	ritesh	1	A		13
Q1906-04	WC-4	TCLP BNA	100	6	RUPESH	ritesh	1	A		14
Q1906-08	WC-5	TCLP BNA	100	6	RUPESH	ritesh	1	A		15
Q1906-12	WC-6	TCLP BNA	100	6	RUPESH	ritesh	1	A		16
Q1906-16	WC-7	TCLP BNA	100	6	RUPESH	ritesh	1	A		SEP-1
Q1907-02	CO-8R-WC	TCLP BNA	100	6	RUPESH	ritesh	1	A		2
Q1912-04	MH-E	TCLP BNA	100	6	RUPESH	ritesh	1	A		3
Q1912-08	MH-F	TCLP BNA	100	6	RUPESH	ritesh	1	A		4
Q1913-01	WC-12-S-202504	TCLP BNA	100	6	RUPESH	ritesh	1	A		5
Q1913-02	WC-12-A-202504	TCLP BNA	100	6	RUPESH	ritesh	1	A		6
Q1913-03	WC-13-S-202504	TCLP BNA	100	6	RUPESH	ritesh	1	A		7
Q1913-04	WC-13-A-202504	TCLP BNA	100	6	RUPESH	ritesh	1	A		8
Q1915-01	WC-04282025	TCLP BNA	100	6	RUPESH	ritesh	1	A		9

TCLP EXTRACTION LOGPAGE

PB167774

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	Prej Pos
PB167774TB	LEB774	21	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q1894-01	PAINTED-GROUND-PIPE--1	01	25.00	500	N/A	N/A	N/A	5.5	1.0	T-1
Q1894-02	PAINTED-GROUND-PIPE-2	02	35.00	700	N/A	N/A	N/A	5.6	1.5	T-1
Q1894-03	PAINTED-GROUND-PIPE-3	03	34.00	680	N/A	N/A	N/A	5.6	1.5	T-1
Q1901-08	B-167-SB01	04	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1901-09	B-170-SB01	05	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1901-10	B-167-SB02	06	100.04	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1901-11	B-170-SB02	07	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1904-02	VNJ-210	08	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1905-04	MH-G	09	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q1905-08	MH-H	10	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1906-04	WC-4	11	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q1906-08	WC-5	12	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q1906-12	WC-6	13	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-2
Q1906-16	WC-7	14	100.03	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q1907-02	CO-8R-WC	15	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q1912-04	MH-E	16	100.03	2000	N/A	N/A	N/A	4.5	1.0	T-2
Q1912-08	MH-F	17	100.02	2000	N/A	N/A	N/A	4.0	1.5	T-2
Q1913-01	WC-12-S-202504	18	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2
Q1913-03	WC-13-S-202504	19	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q1915-01	WC-04282025	20	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2

04/30/25
13 LOC

TCLP EXTRACTION LOGPAGE

PB167805

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
PB167805TB	LEB805	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.0	N/A
Q1913-02	WC-12-A-202504	N/A	N/A	N/A	N/A	N/A	N/A	12.0	1.5	N/A
Q1913-04	WC-13-A-202504	N/A	N/A	N/A	N/A	N/A	N/A	12.0	1.5	N/A

04/30/25
131-00



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction
ADDRESS: 150 Clare Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Bennie Dion Gokan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shaft 17B+18B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clare Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: Standard TAT DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☒ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT _____

1. TCL VOCs (52100)
2. TCL SVOCs (52100)
3. TCL VOCs (52100)
4. TCL SVOCs (52100)
5. TCL VOCs (52100)
6. TCL SVOCs (52100)
7. TCL VOCs (52100)
8. TCL SVOCs (52100)
9. TCL VOCs (52100)
10. TCL SVOCs (52100)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		F+E	G	G	E	E	F+E	G	E	E	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER (method)	
								1	2	3	4	5	6	7	8	9		
1.	CO-0082-WC	Soil	X	X	4/28/25	11:50	25	X	X	X	X	X	X	X	X	X	13x 8oz, 1x 4oz	
2.																	2x terracore sets,	
3.																	1x encore set	
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>4/28/25 1220</u>	RECEIVED BY: 1. <u>Bennie DG</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.0°C</u>
RELINQUISHED BY SAMPLER: 2. <u>Bennie DG</u>	DATE/TIME: <u>4/28/25 2:00 PM</u>	RECEIVED BY: 2. <u>[Signature]</u> <u>4/28/25</u>	Comments: <u>RCRA Characteristics - Ignitability, Corrosivity, Reactivity (Sulfide & Cyanide)</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>4-28-25</u>	RECEIVED BY: 3. <u>[Signature]</u>	<u>Full analyte list in J. Peterson email on 4/22/25</u> <u>Bottle order # B2504038</u> <u>Temp 3.0°C Adjustment factor +1.7 IR Gun #1</u>

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1907	WALS01	Order Date : 4/28/2025 4:13:00 PM	Project Mgr :
Client Name : Walsh Construction Compa		Project Name : Walsh CO-032 Sampling	Report Type : Level 2
Client Contact : Jesse A. Sylvestri		Receive DateTime : 4/28/2025 12:00:00 AM	EDD Type : Excel NY
Invoice Name : Walsh Construction Compa		Purchase Order : 16:10	Hard Copy Date :
Invoice Contact : Jesse A. Sylvestri			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1907-01	CO-8R-WC	Solid	04/28/2025	11:50	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : 

Date / Time : 4-28-25 1645

Received By : 

Date / Time : 4/28/25 1645

Storage Area : VOA Refridgerator Room