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Cover Page

Order ID : Q2264

Project ID : PVSC Monthly 2025

Client : Ardmore Chemical

Lab Sample Number	Client Sample Number
Q2264-01	EFF-WW
Q2264-04	EF-WW

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

Signature : _____

Date: 6/20/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2264**

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

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **06/20/2025**

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LAB CHRONICLE

OrderID:	Q2264	**OrderDate:**	6/6/2025 2:07:00 PM
Client:	Ardmore Chemical	**Project:**	PVSC Monthly 2025
Contact:	Michael Sharphouse	**Location:**	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2264-04	**EF-WW**	**Water**			**06/06/25**			**06/06/25**
			SVOCMS Group1	625.1		06/10/25	06/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2264

Client: Ardmore Chemical

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2264

Client: Ardmore Chemical

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168378BL	PB168378BL	2-Fluorophenol	100	85.7	86		60	140
		Phenol-d6	100	86.0	86		60	140
		Nitrobenzene-d5	100	79.3	79		60	140
		2-Fluorobiphenyl	100	78.2	78		60	140
		2,4,6-Tribromophenol	100	83.1	83		60	140
		Terphenyl-d14	100	80.4	80		60	140
PB168378BS	PB168378BS	2-Fluorophenol	100	75.8	76		60	140
		Phenol-d6	100	76.6	77		60	140
		Nitrobenzene-d5	100	70.7	71		60	140
		2-Fluorobiphenyl	100	69.5	69		60	140
		2,4,6-Tribromophenol	100	74.9	75		60	140
		Terphenyl-d14	100	71.4	71		60	140
PB168378BSD	PB168378BSD	2-Fluorophenol	100	87.4	87		60	140
		Phenol-d6	100	88.8	89		60	140
		Nitrobenzene-d5	100	79.5	80		60	140
		2-Fluorobiphenyl	100	77.4	77		60	140
		2,4,6-Tribromophenol	100	86.3	86		60	140
		Terphenyl-d14	100	84.6	85		60	140
Q2264-04	EF-WW	2-Fluorophenol	100	0.79	1	*	60	140
		Phenol-d6	100	0	0	*	60	140
		Nitrobenzene-d5	100	67.8	68		60	140
		2-Fluorobiphenyl	100	60.0	60		60	140
		2,4,6-Tribromophenol	100	2.09	2	*	60	140
		Terphenyl-d14	100	51.6	52	*	60	140

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2264

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BF142729.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168378BS	n-Nitrosodimethylamine	50	39.3	ug/L	79				52	110	
	Phenol	50	39.7	ug/L	79				48	130	
	bis(2-Chloroethyl)ether	50	39.0	ug/L	78				52	130	
	2-Chlorophenol	50	39.9	ug/L	80				55	130	
	2,2-oxybis(1-Chloropropane)	50	37.5	ug/L	75				63	139	
	N-Nitroso-di-n-propylamine	50	38.4	ug/L	77				59	170	
	Hexachloroethane	50	37.2	ug/L	74				55	130	
	Nitrobenzene	50	39.9	ug/L	80				54	158	
	Isophorone	50	38.6	ug/L	77				52	180	
	2-Nitrophenol	50	40.7	ug/L	81				61	163	
	2,4-Dimethylphenol	50	40.3	ug/L	81				58	130	
	bis(2-Chloroethoxy)methane	50	39.1	ug/L	78				52	164	
	2,4-Dichlorophenol	50	40.7	ug/L	81				64	130	
	1,2,4-Trichlorobenzene	50	39.4	ug/L	79				44	142	
	Naphthalene	50	39.0	ug/L	78				70	130	
	Hexachlorobutadiene	50	38.5	ug/L	77				68	130	
	4-Chloro-3-methylphenol	50	40.0	ug/L	80				68	130	
	Hexachlorocyclopentadiene	100	82.9	ug/L	83				21	137	
	2,4,6-Trichlorophenol	50	41.9	ug/L	84				69	130	
	2-Chloronaphthalene	50	39.6	ug/L	79				70	130	
	Dimethylphthalate	50	40.5	ug/L	81				50	130	
	Acenaphthylene	50	39.4	ug/L	79				60	130	
	2,6-Dinitrotoluene	50	40.5	ug/L	81				68	137	
	Acenaphthene	50	44.0	ug/L	88				70	130	
	2,4-Dinitrophenol	100	92.0	ug/L	92				39	173	
	4-Nitrophenol	100	84.3	ug/L	84				35	130	
	2,4-Dinitrotoluene	50	41.9	ug/L	84				53	130	
	Diethylphthalate	50	40.0	ug/L	80				47	130	
	4-Chlorophenyl-phenylether	50	39.2	ug/L	78				57	145	
	Fluorene	50	39.2	ug/L	78				70	130	
	4,6-Dinitro-2-methylphenol	50	44.1	ug/L	88				56	130	
	N-Nitrosodiphenylamine	50	40.7	ug/L	81				63	100	
	Azobenzene	50	39.8	ug/L	80				58	105	
	4-Bromophenyl-phenylether	50	40.7	ug/L	81				70	130	
	Hexachlorobenzene	50	40.9	ug/L	82				38	142	
	Pentachlorophenol	100	83.4	ug/L	83				42	152	
	Phenanthrene	50	40.0	ug/L	80				67	130	
	Anthracene	50	39.8	ug/L	80				58	130	
	Di-n-butylphthalate	50	42.1	ug/L	84				52	130	
	Fluoranthene	50	39.3	ug/L	79				47	130	
	Benzidine	100	30.7	ug/L	31				10	133	
	Pyrene	50	40.3	ug/L	81				70	130	
	Butylbenzylphthalate	50	45.1	ug/L	90				43	140	
	3,3-Dichlorobenzidine	50	24.6	ug/L	49				18	213	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2264

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BF142729.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168378BS	Benzo(a)anthracene	50	41.0	ug/L	82				42	133	
	Chrysene	50	41.2	ug/L	82				44	140	
	bis(2-Ethylhexyl)phthalate	50	44.6	ug/L	89				43	137	
	Di-n-octyl phthalate	50	43.3	ug/L	87				21	132	
	Benzo(b)fluoranthene	50	44.4	ug/L	89				42	140	
	Benzo(k)fluoranthene	50	37.3	ug/L	75				25	146	
	Benzo(a)pyrene	50	41.6	ug/L	83				32	148	
	Indeno(1,2,3-cd)pyrene	50	40.7	ug/L	81				13	151	
	Dibenz(a,h)anthracene	50	41.2	ug/L	82				13	200	
	Benzo(g,h,i)perylene	50	39.8	ug/L	80				13	195	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2264

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BF142730.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168378BSD	n-Nitrosodimethylamine	50	44.2	ug/L	88	12			52	110	20
	Phenol	50	46.3	ug/L	93	15			48	130	20
	bis(2-Chloroethyl)ether	50	45.5	ug/L	91	15			52	130	20
	2-Chlorophenol	50	46.3	ug/L	93	15			55	130	20
	2,2-oxybis(1-Chloropropane)	50	43.2	ug/L	86	14			63	139	20
	N-Nitroso-di-n-propylamine	50	45.1	ug/L	90	16			59	170	20
	Hexachloroethane	50	43.7	ug/L	87	16			55	130	20
	Nitrobenzene	50	45.2	ug/L	90	12			54	158	20
	Isophorone	50	43.9	ug/L	88	13			52	180	20
	2-Nitrophenol	50	46.2	ug/L	92	13			61	163	20
	2,4-Dimethylphenol	50	45.8	ug/L	92	13			58	130	20
	bis(2-Chloroethoxy)methane	50	44.5	ug/L	89	13			52	164	20
	2,4-Dichlorophenol	50	46.7	ug/L	93	14			64	130	20
	1,2,4-Trichlorobenzene	50	44.4	ug/L	89	12			44	142	20
	Naphthalene	50	43.9	ug/L	88	12			70	130	20
	Hexachlorobutadiene	50	43.5	ug/L	87	12			68	130	20
	4-Chloro-3-methylphenol	50	45.7	ug/L	91	13			68	130	20
	Hexachlorocyclopentadiene	100	92.5	ug/L	93	11			21	137	20
	2,4,6-Trichlorophenol	50	46.6	ug/L	93	11			69	130	20
	2-Chloronaphthalene	50	45.0	ug/L	90	13			70	130	20
	Dimethylphthalate	50	46.3	ug/L	93	13			50	130	20
	Acenaphthylene	50	44.7	ug/L	89	13			60	130	20
	2,6-Dinitrotoluene	50	46.6	ug/L	93	14			68	137	20
	Acenaphthene	50	49.9	ug/L	100	13			70	130	20
	2,4-Dinitrophenol	100	110	ug/L	110	18			39	173	20
	4-Nitrophenol	100	95.0	ug/L	95	12			35	130	20
	2,4-Dinitrotoluene	50	48.0	ug/L	96	14			53	130	20
	Diethylphthalate	50	46.1	ug/L	92	14			47	130	20
	4-Chlorophenyl-phenylether	50	44.6	ug/L	89	13			57	145	20
	Fluorene	50	44.0	ug/L	88	12			70	130	20
	4,6-Dinitro-2-methylphenol	50	48.3	ug/L	97	9			56	130	20
	N-Nitrosodiphenylamine	50	44.8	ug/L	90	10			63	100	20
	Azobenzene	50	45.3	ug/L	91	13			58	105	20
	4-Bromophenyl-phenylether	50	45.6	ug/L	91	11			70	130	20
	Hexachlorobenzene	50	45.3	ug/L	91	10			38	142	20
	Pentachlorophenol	100	92.5	ug/L	93	10			42	152	20
	Phenanthrene	50	44.6	ug/L	89	11			67	130	20
	Anthracene	50	44.3	ug/L	89	11			58	130	20
	Di-n-butylphthalate	50	48.0	ug/L	96	13			52	130	20
	Fluoranthene	50	44.3	ug/L	89	12			47	130	20
	Benzidine	100	34.9	ug/L	35	13			10	133	20
	Pyrene	50	46.6	ug/L	93	14			70	130	20
	Butylbenzylphthalate	50	51.3	ug/L	103	13			43	140	20
	3,3-Dichlorobenzidine	50	27.4	ug/L	55	11			18	213	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2264

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BF142730.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168378BSD	Benzo(a)anthracene	50	46.8	ug/L	94	13			42	133	20
	Chrysene	50	46.5	ug/L	93	12			44	140	20
	bis(2-Ethylhexyl)phthalate	50	50.5	ug/L	101	12			43	137	20
	Di-n-octyl phthalate	50	48.4	ug/L	97	11			21	132	20
	Benzo(b)fluoranthene	50	50.0	ug/L	100	12			42	140	20
	Benzo(k)fluoranthene	50	42.4	ug/L	85	13			25	146	20
	Benzo(a)pyrene	50	47.0	ug/L	94	12			32	148	20
	Indeno(1,2,3-cd)pyrene	50	45.6	ug/L	91	11			13	151	20
	Dibenz(a,h)anthracene	50	46.1	ug/L	92	11			13	200	20
	Benzo(g,h,i)perylene	50	44.9	ug/L	90	12			13	195	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168378BL

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q2264 SAS No.: Q2264 SDG NO.: Q2264

Lab File ID: BF142731.D Lab Sample ID: PB168378BL

Instrument ID: BNA_F Date Extracted: 06/10/2025

Matrix: (soil/water) Water Date Analyzed: 06/11/2025

Level: (low/med) LOW Time Analyzed: 13:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168378BS	PB168378BS	BF142729.D	06/11/2025
PB168378BSD	PB168378BSD	BF142730.D	06/11/2025
EF-WW	Q2264-04	BF142732.D	06/11/2025

COMMENTS:

Alliance TECHNICAL GROUP
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM SAS No.: Q2264 SDG NO.: Q2264

Lab File ID: BF142710.D DFTPP Injection Date: 06/10/2025

Instrument ID: BNA_F DFTPP Injection Time: 15:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.1
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	28.7
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	39.5
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	5.9
275	10.0 - 60.0% of mass 198	24.8
365	Greater than 1% of mass 198	3.3
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 (19) 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	BF142712.D	06/10/2025	16:54
SSTDICC005	SSTDICC005	BF142713.D	06/10/2025	17:24
SSTDICC010	SSTDICC010	BF142714.D	06/10/2025	17:53
SSTDICC020	SSTDICC020	BF142715.D	06/10/2025	18:22
SSTDICCC040	SSTDICCC040	BF142716.D	06/10/2025	18:52
SSTDICC050	SSTDICC050	BF142717.D	06/10/2025	19:21
SSTDICC060	SSTDICC060	BF142718.D	06/10/2025	19:50
SSTDICC080	SSTDICC080	BF142719.D	06/10/2025	20:19

Raw Data: **BF142722.D**

Alliance TECHNICAL GROUP
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM SAS No.: Q2264 SDG NO.: Q2264

Lab File ID: BF142722.D DFTPP Injection Date: 06/11/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.5
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.8
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	5.8
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.2
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	18.6 (18.6) 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	BF142723.D	06/11/2025	09:24
PB168378BS	PB168378BS	BF142729.D	06/11/2025	12:19
PB168378BSD	PB168378BSD	BF142730.D	06/11/2025	12:49
PB168378BL	PB168378BL	BF142731.D	06/11/2025	13:18
EF-WW	Q2264-04	BF142732.D	06/11/2025	13:52

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2264 SAS No.: Q2264 SDG NO.: Q2264

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BF142723.D Time Analyzed: 09:24

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	78219	6.892	306828	8.18	172169	9.94
	UPPER LIMIT	156438	7.392	613656	8.681	344338	10.439
	LOWER LIMIT	39109.5	6.392	153414	7.681	86084.5	9.439
	EPA SAMPLE NO.						
01	PB168378BS	85225	6.89	326755	8.18	179431	9.93
02	PB168378BSD	76751	6.89	302135	8.18	167728	9.93
03	PB168378BL	74692	6.89	287648	8.18	160376	9.93
04	EF-WW	50296	6.89	171492	8.19	83162 *	9.93

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2264 SAS No.: Q2264 SDG NO.: Q2264

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/11/2025

Lab File ID: BF142723.D Time Analyzed: 09:24

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	291189	11.427	151467	14.068	144700	15.562
	UPPER LIMIT	582378	11.927	302934	14.568	289400	16.062
	LOWER LIMIT	145595	10.927	75733.5	13.568	72350	15.062
	EPA SAMPLE NO.						
01	PB168378BS	293869	11.42	155674	14.07	174199	15.56
02	PB168378BSD	281544	11.42	142888	14.07	157698	15.56
03	PB168378BL	295895	11.42	168179	14.06	142470	15.56
04	EF-WW	135918 *	11.42	136838	14.07	151313	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.

SAMPLE DATA

Raw Data: **BF142732.D**

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Report of Analysis

Client:	Ardmore Chemical	Date Collected:	06/06/25
Project:	PVSC Monthly 2025	Date Received:	06/06/25
Client Sample ID:	EF-WW	SDG No.:	Q2264
Lab Sample ID:	Q2264-04	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	870 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142732.D	1	06/10/25 08:46	06/11/25 13:52	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	0.99	U	0.99	11.5	ug/L
108-95-2	Phenol	1.00	U	1.00	5.70	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.93	U	0.93	5.70	ug/L
95-57-8	2-Chlorophenol	0.67	U	0.67	5.70	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.50	U	1.50	5.70	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.60	U	1.60	5.70	ug/L
67-72-1	Hexachloroethane	0.75	U	0.75	5.70	ug/L
98-95-3	Nitrobenzene	0.87	U	0.87	5.70	ug/L
78-59-1	Isophorone	0.86	U	0.86	5.70	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.70	ug/L
105-67-9	2,4-Dimethylphenol	2.10	U	2.10	5.70	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.78	U	0.78	5.70	ug/L
120-83-2	2,4-Dichlorophenol	0.60	U	0.60	5.70	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	0.62	5.70	ug/L
91-20-3	Naphthalene	0.57	U	0.57	5.70	ug/L
87-68-3	Hexachlorobutadiene	0.62	U	0.62	5.70	ug/L
59-50-7	4-Chloro-3-methylphenol	0.68	U	0.68	5.70	ug/L
77-47-4	Hexachlorocyclopentadiene	4.20	U	4.20	11.5	ug/L
88-06-2	2,4,6-Trichlorophenol	0.59	U	0.59	5.70	ug/L
91-58-7	2-Chloronaphthalene	0.70	U	0.70	5.70	ug/L
131-11-3	Dimethylphthalate	0.70	U	0.70	5.70	ug/L
208-96-8	Acenaphthylene	0.86	U	0.86	5.70	ug/L
606-20-2	2,6-Dinitrotoluene	1.10	U	1.10	5.70	ug/L
83-32-9	Acenaphthene	0.63	U	0.63	5.70	ug/L
51-28-5	2,4-Dinitrophenol	6.90	U	6.90	11.5	ug/L
100-02-7	4-Nitrophenol	2.70	U	2.70	11.5	ug/L
121-14-2	2,4-Dinitrotoluene	1.40	U	1.40	5.70	ug/L
84-66-2	Diethylphthalate	0.79	U	0.79	5.70	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.78	U	0.78	5.70	ug/L

Raw Data: **BF142732.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	06/06/25
Project:	PVSC Monthly 2025	Date Received:	06/06/25
Client Sample ID:	EF-WW	SDG No.:	Q2264
Lab Sample ID:	Q2264-04	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	870 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142732.D	1	06/10/25 08:46	06/11/25 13:52	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.72	U	0.72	5.70	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.30	U	3.30	11.5	ug/L
86-30-6	n-Nitrosodiphenylamine	0.67	U	0.67	5.70	ug/L
103-33-3	Azobenzene	0.93	U	0.93	5.70	ug/L
101-55-3	4-Bromophenyl-phenylether	0.46	U	0.46	5.70	ug/L
118-74-1	Hexachlorobenzene	0.60	U	0.60	5.70	ug/L
87-86-5	Pentachlorophenol	1.80	U	1.80	11.5	ug/L
85-01-8	Phenanthrene	0.57	U	0.57	5.70	ug/L
120-12-7	Anthracene	0.70	U	0.70	5.70	ug/L
84-74-2	Di-n-butylphthalate	1.40	U	1.40	5.70	ug/L
206-44-0	Fluoranthene	0.94	U	0.94	5.70	ug/L
92-87-5	Benzidine	4.90	U	4.90	11.5	ug/L
129-00-0	Pyrene	0.57	U	0.57	5.70	ug/L
85-68-7	Butylbenzylphthalate	2.20	U	2.20	5.70	ug/L
91-94-1	3,3-Dichlorobenzidine	1.10	U	1.10	11.5	ug/L
56-55-3	Benzo(a)anthracene	0.52	U	0.52	5.70	ug/L
218-01-9	Chrysene	0.51	U	0.51	5.70	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.80	U	1.80	5.70	ug/L
117-84-0	Di-n-octyl phthalate	2.70	U	2.70	11.5	ug/L
205-99-2	Benzo(b)fluoranthene	0.56	U	0.56	5.70	ug/L
207-08-9	Benzo(k)fluoranthene	0.55	U	0.55	5.70	ug/L
50-32-8	Benzo(a)pyrene	0.63	U	0.63	5.70	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.68	U	0.68	5.70	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.77	U	0.77	5.70	ug/L
191-24-2	Benzo(g,h,i)perylene	0.79	U	0.79	5.70	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	0.79	*	60 - 140	1%	SPK: 100
13127-88-3	Phenol-d6	0	*	60 - 140	0%	SPK: 100
4165-60-0	Nitrobenzene-d5	67.8		60 - 140	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.0		60 - 140	60%	SPK: 100

Raw Data: **BF142732.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	06/06/25
Project:	PVSC Monthly 2025	Date Received:	06/06/25
Client Sample ID:	EF-WW	SDG No.:	Q2264
Lab Sample ID:	Q2264-04	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	870 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142732.D	1	06/10/25 08:46	06/11/25 13:52	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	2.09	*	60 - 140	2%	SPK: 100
1718-51-0	Terphenyl-d14	51.6	*	60 - 140	52%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	50300	6.892			
1146-65-2	Naphthalene-d8	171000	8.186			
15067-26-2	Acenaphthene-d10	83200	9.933			
1517-22-2	Phenanthrene-d10	136000	11.422			
1719-03-5	Chrysene-d12	137000	14.068			
1520-96-3	Perylene-d12	151000	15.568			

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

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

Sample Results: **BF142732.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142732.D
Acq On : 11 Jun 2025 13:52
Operator : RC/JU
Sample : Q2264-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EF-WW

Quant Time: Jun 11 14:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

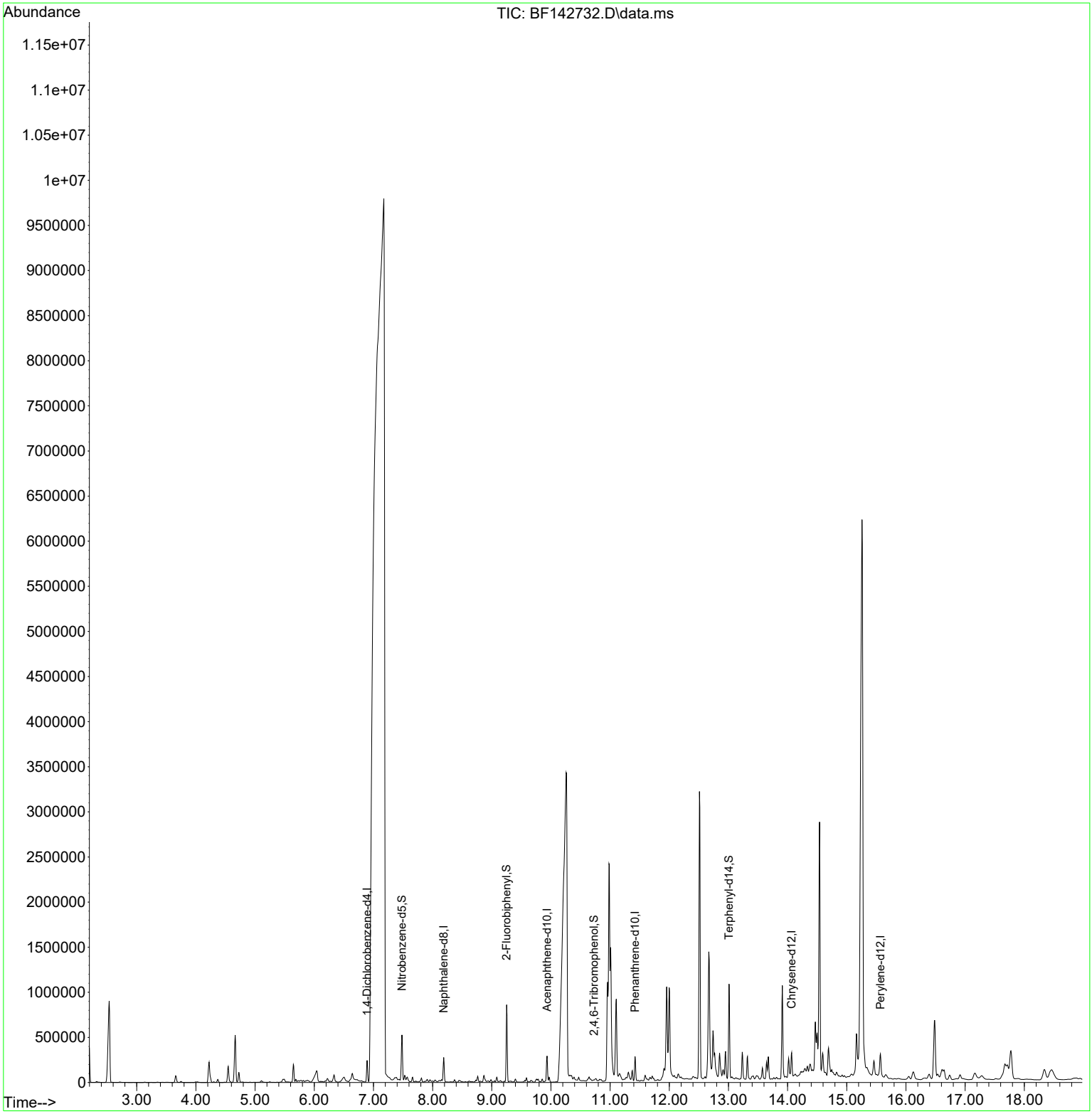
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	50296	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	171492	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	83162	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	135918	20.000	ng	0.00
76) Chrysene-d12	14.068	240	136838	20.000	ng	0.00
86) Perylene-d12	15.568	264	151313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2329	0.789	ng	0.04
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	7.481	82	212316	67.756	ng	0.02
42) 2,4,6-Tribromophenol	10.727	330	1904	2.089	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	375332	59.961	ng	0.00
79) Terphenyl-d14	13.010	244	514144	51.605	ng	0.00
Target Compounds						Qvalue

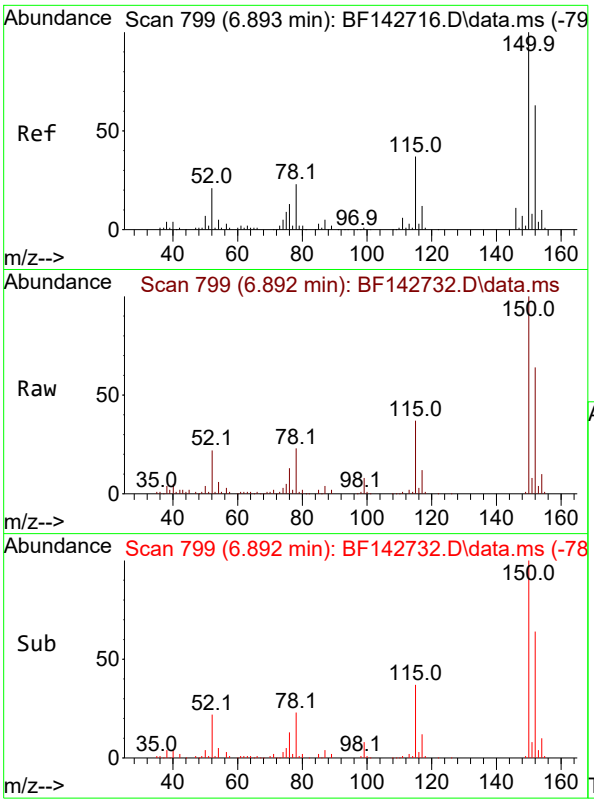
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142732.D
Acq On : 11 Jun 2025 13:52
Operator : RC/JU
Sample : Q2264-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EF-WW

Quant Time: Jun 11 14:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration



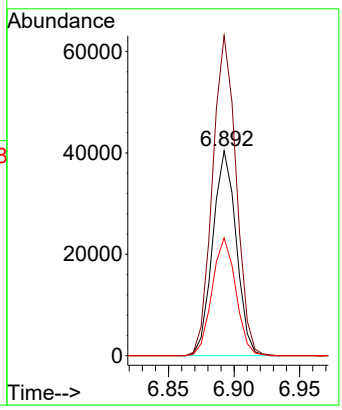


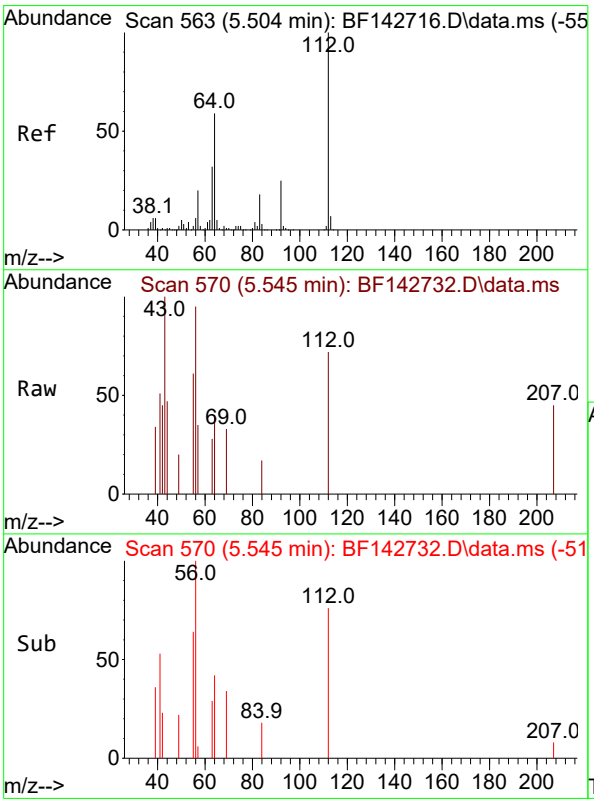
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Instrument :
BNA_F
ClientSampleId :
EF-WW

Tgt Ion:152 Resp: 50296

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.9	190.3
115	57.5	47.0	70.6

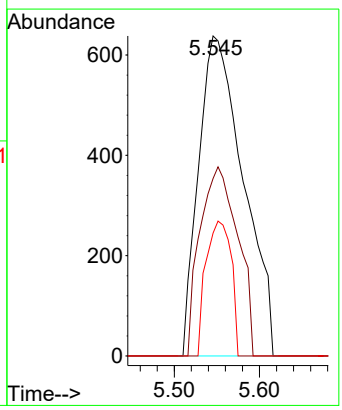


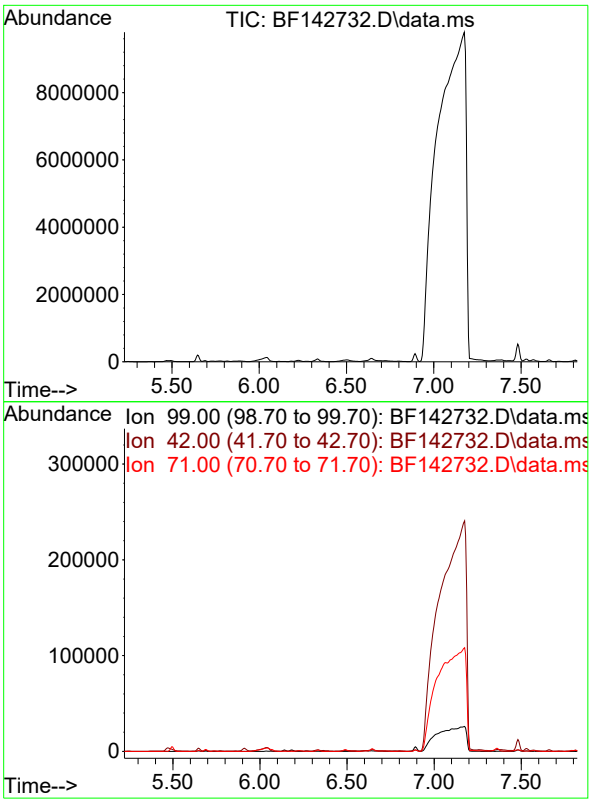


#5
2-Fluorophenol
Concen: 0.789 ng
RT: 5.545 min Scan# 570
Delta R.T. 0.041 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:112 Resp: 2329

Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.4	71.2
63	38.4	25.4	38.0#





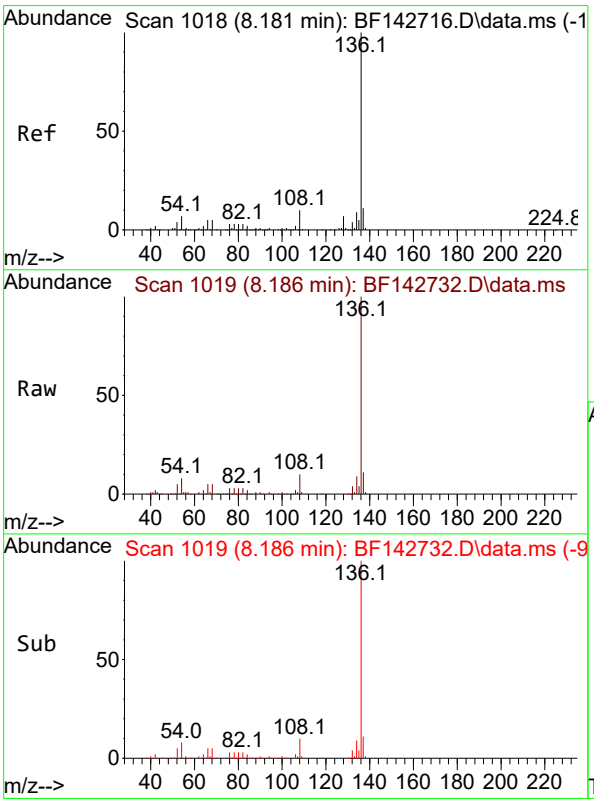
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.52 min

Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Instrument :
BNA_F
ClientSampleId :
EF-WW

Tgt Ion: 99

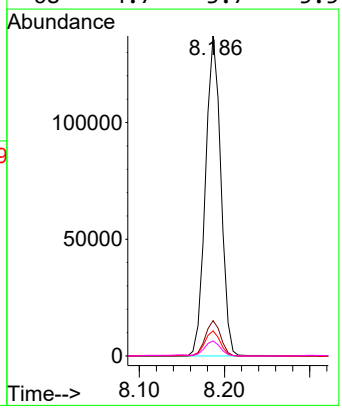
Sig	Exp Ratio
99	100
42	19.9
71	35.0

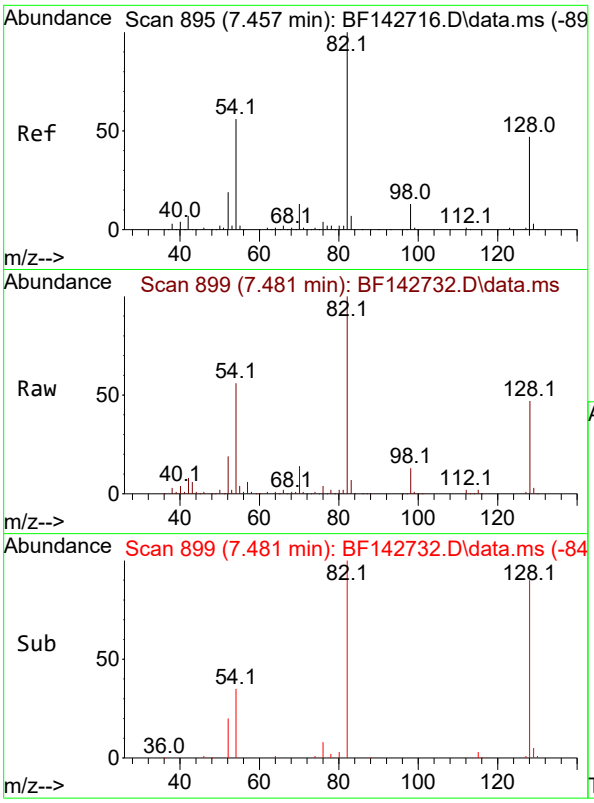


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:136 Resp: 171492

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	5.9	8.9
68	4.7	3.7	5.5



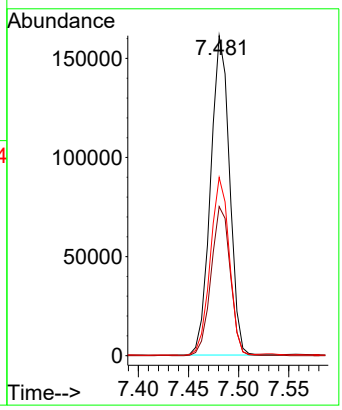


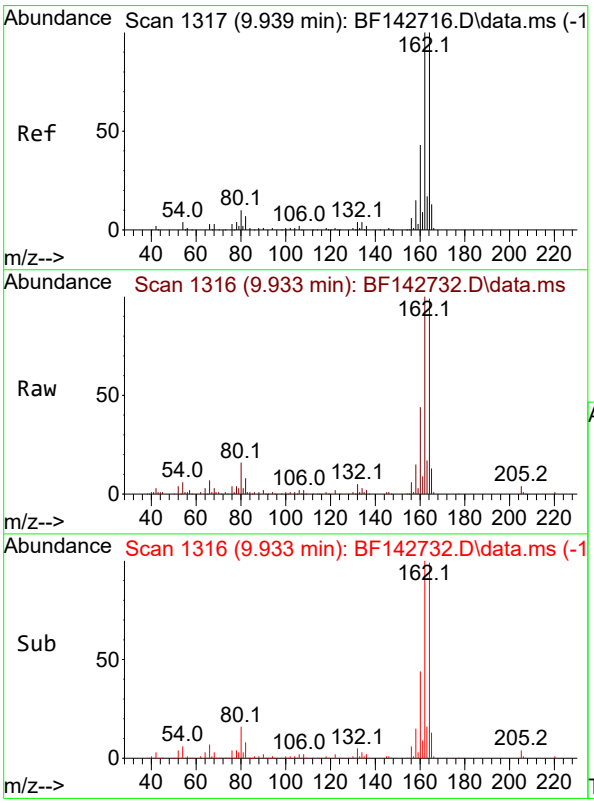
#23
Nitrobenzene-d5
Concen: 67.756 ng
RT: 7.481 min Scan# 8
Delta R.T. 0.024 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Instrument :
BNA_F
ClientSampleId :
EF-WW

Tgt Ion: 82 Resp: 212316

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.8	56.8
54	55.7	44.9	67.3

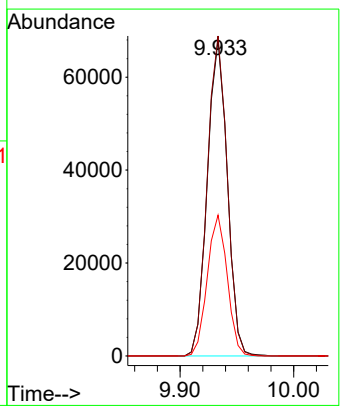


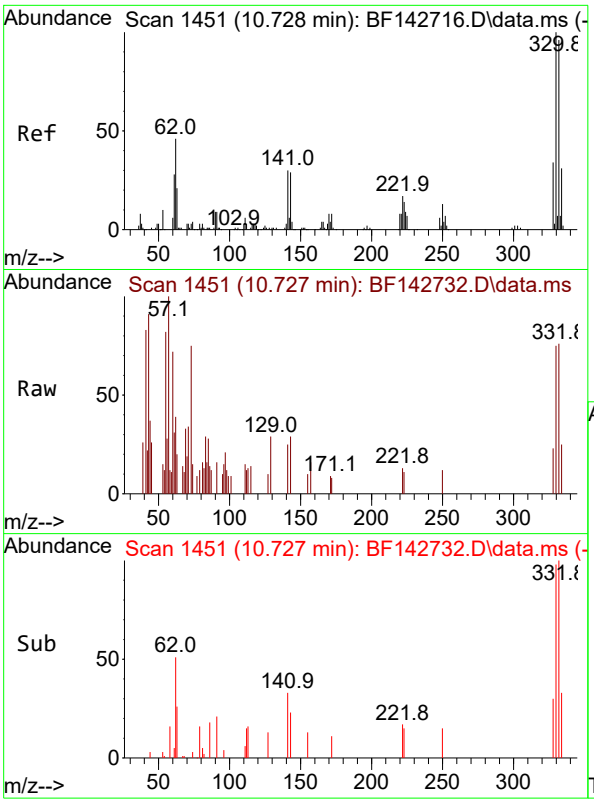


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:164 Resp: 83162

Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.9	119.9
160	44.6	34.8	52.2



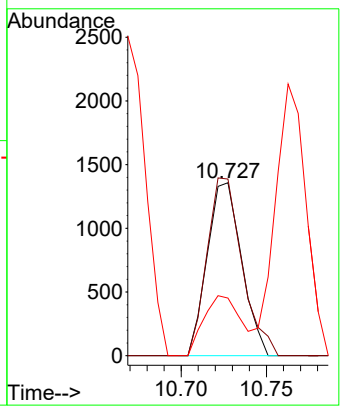


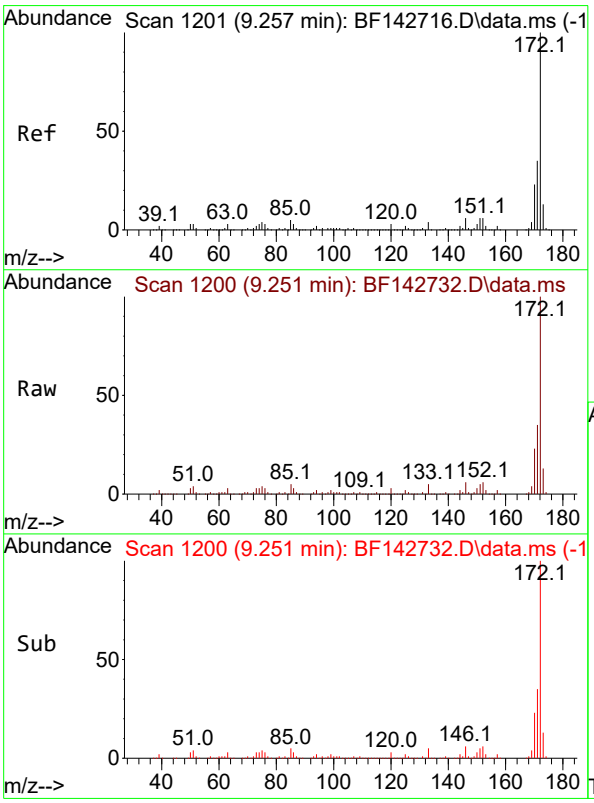
#42
2,4,6-Tribromophenol
Concen: 2.089 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.001 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Instrument :
BNA_F
ClientSampleId :
EF-WW

Tgt Ion:330 Resp: 1904

Ion	Ratio	Lower	Upper
330	100		
332	104.9	77.0	115.6
141	36.8	25.4	38.0

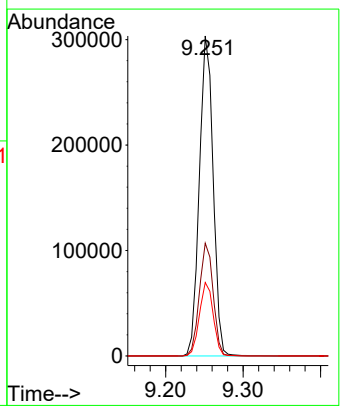


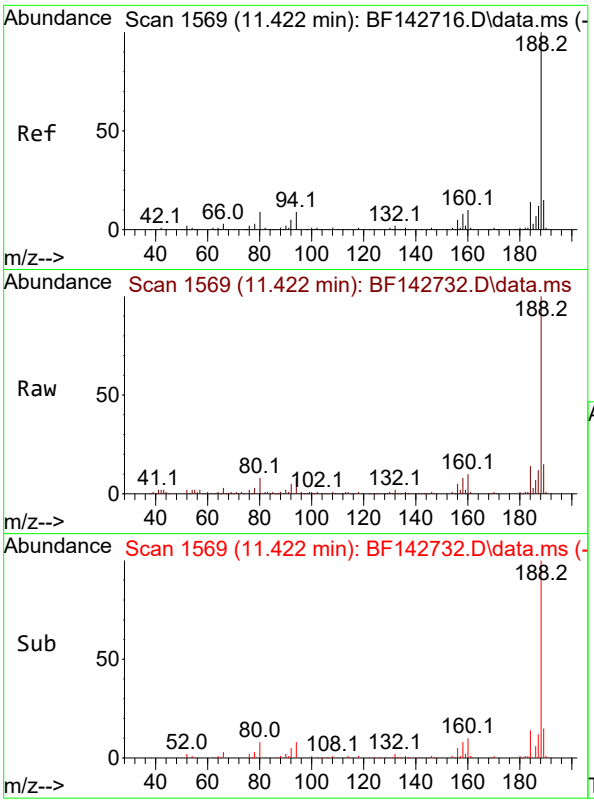


#45
2-Fluorobiphenyl
Concen: 59.961 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:172 Resp: 375332

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	22.9	18.6	27.8



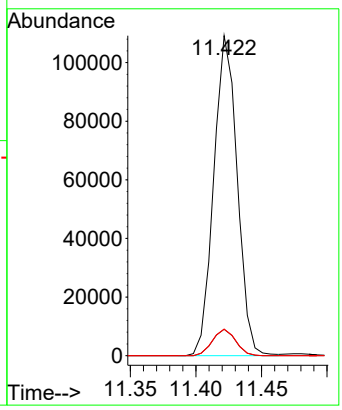


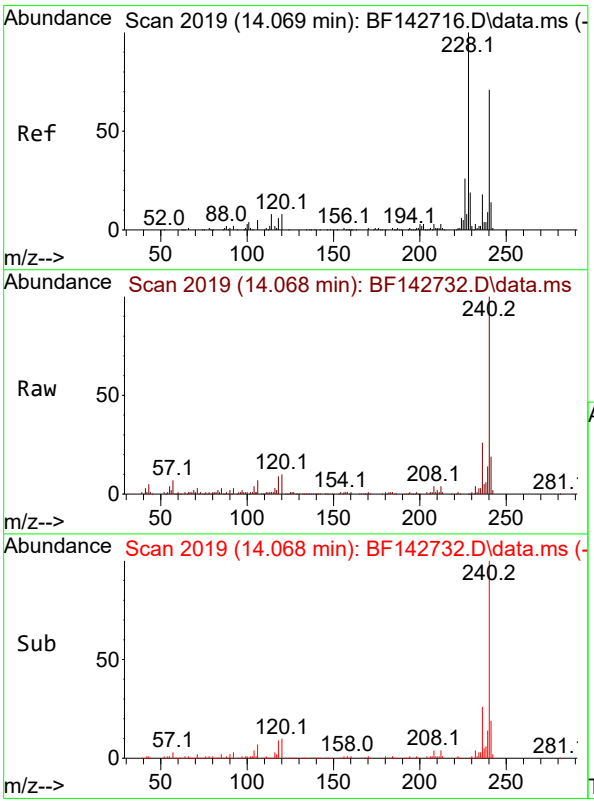
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Instrument :
BNA_F
ClientSampleId :
EF-WW

Tgt Ion:188 Resp: 135918

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.3	7.1	10.7

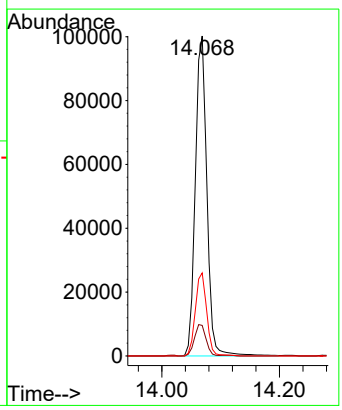


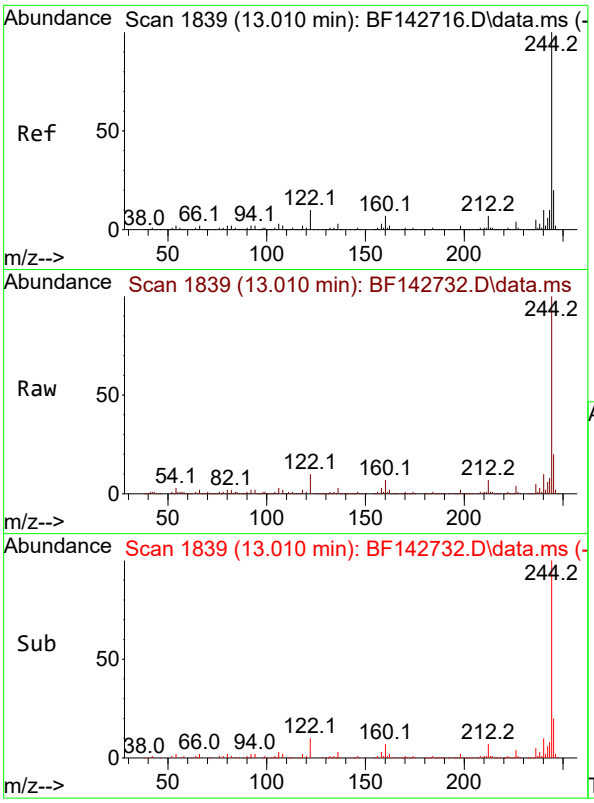


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:240 Resp: 136838

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.5	12.7
236	25.9	20.1	30.1



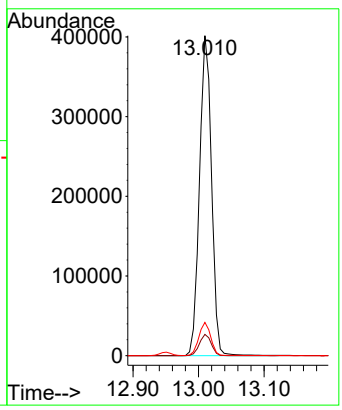


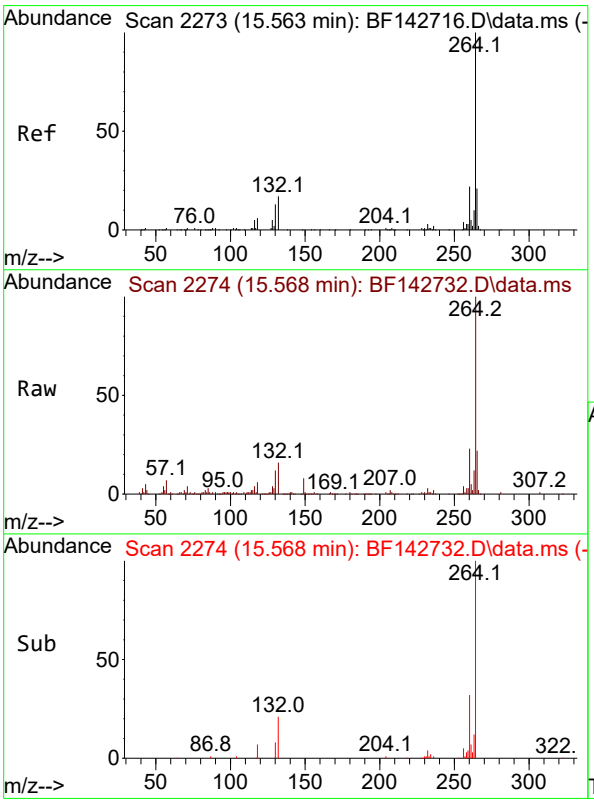
#79
Terphenyl-d14
Concen: 51.605 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Instrument :
BNA_F
ClientSampleId :
EF-WW

Tgt Ion:244 Resp: 514144

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.4	8.3	12.5

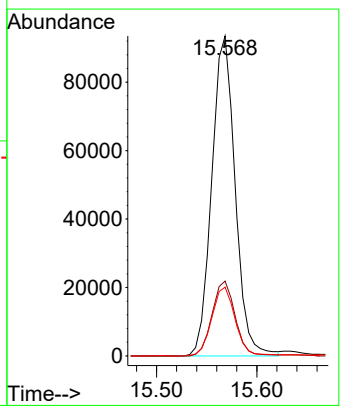




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:264 Resp: 151313

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.8	26.6
265	21.5	16.6	25.0



CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q2264 SAS No.: Q2264 SDG No.: Q2264

Instrument ID: BNA_F Calibration Date(s): 06/10/2025 06/10/2025

Calibration Time(s): 16:54 20:19

LAB FILE ID: RRF2.5 = BF142712.D RRF005 = BF142713.D RRF010 = BF142714.D
RRF020 = BF142715.D RRF040 = BF142716.D RRF050 = BF142717.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine			0.558	0.590	0.591	0.633	0.596	4.4
2-Fluorophenol		1.238	1.170	1.199	1.161	1.220	1.174	4.5
Phenol-d6		1.434	1.339	1.400	1.376	1.446	1.382	3.7
Phenol		1.550	1.503	1.577	1.522	1.607	1.536	3.4
bis(2-Chloroethyl)ether		1.222	1.118	1.149	1.130	1.202	1.147	4.3
2-Chlorophenol		1.288	1.254	1.300	1.290	1.347	1.283	3.1
2,2-oxybis(1-Chloropropane)		1.957	1.812	1.840	1.806	1.875	1.806	6.0
n-Nitroso-di-n-propylamine	0.885	0.912	0.870	0.886	0.878	0.921	0.880	3.4
Nitrobenzene-d5		0.381	0.363	0.369	0.358	0.378	0.365	3.2
Hexachloroethane		0.562	0.521	0.545	0.524	0.552	0.530	4.7
Nitrobenzene		0.338	0.313	0.326	0.320	0.335	0.324	3.1
Isophorone		0.657	0.621	0.628	0.603	0.630	0.619	3.8
2-Nitrophenol		0.172	0.174	0.183	0.181	0.192	0.181	3.9
2,4-Dimethylphenol		0.318	0.303	0.311	0.304	0.321	0.308	3.1
bis(2-Chloroethoxy)methane		0.408	0.381	0.392	0.377	0.397	0.384	4.3
2,4-Dichlorophenol		0.284	0.281	0.292	0.280	0.300	0.284	3.5
1,2,4-Trichlorobenzene		0.337	0.313	0.322	0.306	0.322	0.314	4.4
Naphthalene		1.065	0.997	1.021	0.972	1.008	0.989	5.2
Hexachlorobutadiene		0.210	0.204	0.206	0.197	0.205	0.200	4.4
4-Chloro-3-methylphenol		0.317	0.299	0.303	0.289	0.301	0.296	4.8
Hexachlorocyclopentadiene			0.297	0.348	0.375	0.414	0.372	11.6
2,4,6-Trichlorophenol		0.349	0.373	0.383	0.373	0.405	0.375	4.8
2-Fluorobiphenyl		1.690	1.610	1.569	1.444	1.535	1.505	9.0
2-Chloronaphthalene		1.190	1.172	1.178	1.117	1.197	1.144	4.8
Dimethylphthalate		1.444	1.368	1.359	1.291	1.379	1.336	5.4
Acenaphthylene		2.053	1.986	2.003	1.881	1.991	1.929	5.6
2,6-Dinitrotoluene		0.307	0.283	0.295	0.285	0.299	0.289	4.5
Acenaphthene		1.266	1.222	1.224	1.170	1.237	1.196	4.8
2,4-Dinitrophenol			0.123	0.154	0.157	0.176	0.158	12.2
4-Nitrophenol			0.203	0.219	0.210	0.222	0.212	3.4
2,4-Dinitrotoluene		0.396	0.383	0.399	0.377	0.396	0.382	4.7
Diethylphthalate		1.508	1.392	1.372	1.256	1.332	1.324	8.6
4-Chlorophenyl-phenylether		0.748	0.692	0.680	0.633	0.663	0.657	8.8
Fluorene		1.547	1.429	1.397	1.279	1.357	1.345	9.5

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q2264 SAS No.: Q2264 SDG No.: Q2264

Instrument ID: BNA_F Calibration Date(s): 06/10/2025 06/10/2025

Calibration Time(s): 16:54 20:19

LAB FILE ID: RRF2.5 = BF142712.D RRF005 = BF142713.D RRF010 = BF142714.D
RRF020 = BF142715.D RRF040 = BF142716.D RRF050 = BF142717.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
4,6-Dinitro-2-methylphenol			0.104	0.123	0.125	0.137	0.125	9.2
n-Nitrosodiphenylamine		0.710	0.679	0.693	0.672	0.722	0.687	3.4
Azobenzene		1.290	1.186	1.178	1.115	1.187	1.157	6.9
2,4,6-Tribromophenol		0.236	0.223	0.224	0.213	0.226	0.219	5.3
4-Bromophenyl-phenylether		0.240	0.229	0.238	0.231	0.252	0.236	3.5
Hexachlorobenzene		0.270	0.261	0.263	0.255	0.275	0.262	3.2
Pentachlorophenol			0.118	0.133	0.139	0.148	0.137	7.8
Phenanthrene		1.165	1.100	1.094	1.036	1.091	1.071	5.6
Anthracene		1.203	1.145	1.140	1.064	1.132	1.108	6.0
Di-n-butylphthalate		1.105	1.048	1.072	1.005	1.053	1.036	4.8
Fluoranthene		1.184	1.083	1.081	0.965	0.988	1.019	10.1
Benzidine			0.711	0.772	0.799	0.754	0.712	12.4
Pyrene		2.014	1.918	1.928	1.883	1.878	1.859	6.7
Terphenyl-d14		1.609	1.562	1.556	1.462	1.430	1.456	9.1
Butylbenzylphthalate		0.435	0.486	0.526	0.581	0.626	0.550	12.7
3,3-Dichlorobenzidine			0.370	0.403	0.442	0.473	0.427	8.9
Benzo(a)anthracene		1.367	1.273	1.284	1.350	1.400	1.325	3.9
Chrysene		1.298	1.208	1.245	1.172	1.250	1.224	3.7
Bis(2-ethylhexyl)phthalate		0.616	0.709	0.756	0.895	0.977	0.825	16.0
Di-n-octyl phthalate			1.284	1.385	1.677	1.816	1.582	12.8
Benzo(b)fluoranthene		1.256	1.094	1.112	1.162	1.230	1.178	5.7
Benzo(k)fluoranthene		1.236	1.178	1.245	1.076	1.189	1.143	7.9
Benzo(a)pyrene		1.164	1.085	1.122	1.104	1.184	1.120	3.7
Indeno(1,2,3-cd)pyrene		1.438	1.406	1.458	1.498	1.602	1.482	4.3
Dibenzo(a,h)anthracene		1.134	1.176	1.214	1.236	1.318	1.210	4.9
Benzo(g,h,i)perylene		1.201	1.164	1.178	1.216	1.295	1.203	3.8

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 11 05:56:09 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142712.D 5.0 =BF142713.D 10 =BF142714.D 20 =BF142715.D 40 =BF142716.D 50 =BF142717.D 60 =BF142718.D 80 =BF1427
19.D

		Compound	2.5	5.0	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.499	0.448	0.472	0.455	0.481	0.460	0.439	0.465	4.40
3)		Pyridine		1.172	1.129	1.159	1.160	1.222	1.193	1.122	1.165	3.00
4)		n-Nitrosodimet...			0.558	0.590	0.591	0.633	0.617	0.588	0.596	4.36
5)	S	2-Fluorophenol		1.238	1.170	1.199	1.161	1.220	1.156	1.075	1.174	4.55
6)		Aniline		1.866	1.788	1.894	1.848	1.955	1.861	1.736	1.850	3.83
7)	S	Phenol-d6		1.434	1.339	1.400	1.376	1.446	1.377	1.302	1.382	3.67
8)		2-Chlorophenol		1.288	1.254	1.300	1.290	1.347	1.286	1.219	1.283	3.09
9)		Benzaldehyde			0.943	0.950	0.839	0.839	0.708		0.856	11.52
10)	C	Phenol		1.550	1.503	1.577	1.522	1.607	1.547	1.446	1.536	3.42
11)		bis(2-Chloroet...		1.222	1.118	1.149	1.130	1.202	1.131	1.079	1.147	4.29
12)		1,3-Dichlorobe...		1.557	1.483	1.504	1.451	1.513	1.411	1.333	1.465	5.08
13)	C	1,4-Dichlorobe...		1.596	1.483	1.519	1.454	1.528	1.431	1.349	1.480	5.34
14)		1,2-Dichlorobe...		1.554	1.418	1.444	1.401	1.457	1.375	1.282	1.419	5.83
15)		Benzyl Alcohol			0.970	1.049	1.059	1.121	1.061	1.007	1.045	4.95
16)		2,2'-oxybis(1-...		1.957	1.812	1.840	1.806	1.875	1.746	1.609	1.806	6.03
17)		2-Methylphenol		0.978	0.950	0.995	0.992	1.043	0.995	0.933	0.984	3.61
18)		Hexachloroethane		0.562	0.521	0.545	0.524	0.552	0.522	0.488	0.530	4.69
19)	P	n-Nitroso-di-n...	0.885	0.912	0.870	0.886	0.878	0.921	0.863	0.823	0.880	3.43
20)		3+4-Methylphenols			1.261	1.285	1.246	1.299	1.218	1.134	1.240	4.80
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.475	0.451	0.458	0.435	0.454	0.433	0.408	0.445	4.79
23)	S	Nitrobenzene-d5		0.381	0.363	0.369	0.358	0.378	0.363	0.346	0.365	3.24
24)		Nitrobenzene		0.338	0.313	0.326	0.320	0.335	0.327	0.312	0.324	3.10
25)		Isophorone		0.657	0.621	0.628	0.603	0.630	0.606	0.585	0.619	3.77
26)	C	2-Nitrophenol		0.172	0.174	0.183	0.181	0.192	0.187	0.178	0.181	3.92
27)		2,4-Dimethylph...		0.318	0.303	0.311	0.304	0.321	0.308	0.292	0.308	3.14
28)		bis(2-Chloroet...		0.408	0.381	0.392	0.377	0.397	0.378	0.356	0.384	4.31
29)	C	2,4-Dichloroph...		0.284	0.281	0.292	0.280	0.300	0.285	0.269	0.284	3.51
30)		1,2,4-Trichlor...		0.337	0.313	0.322	0.306	0.322	0.307	0.294	0.314	4.42
31)		Naphthalene		1.065	0.997	1.021	0.972	1.008	0.958	0.903	0.989	5.20
32)		Benzoic acid			0.137	0.162	0.174	0.192	0.190	0.186	0.174	12.16
33)		4-Chloroaniline		0.429	0.389	0.399	0.399	0.408	0.386	0.370	0.397	4.68
34)	C	Hexachlorobuta...		0.210	0.204	0.206	0.197	0.205	0.196	0.184	0.200	4.41
35)		Caprolactam			0.077	0.079	0.075	0.079	0.077	0.074	0.077	2.82
36)	C	4-Chloro-3-met...		0.317	0.299	0.303	0.289	0.301	0.287	0.273	0.296	4.76
37)		2-Methylnaphth...		0.674	0.649	0.641	0.618	0.636	0.599	0.565	0.626	5.72
38)		1-Methylnaphth...		0.727	0.666	0.669	0.629	0.650	0.619	0.580	0.649	7.16

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.585	0.592	0.589	0.568	0.618	0.570	0.531	0.579	4.64
41)	P	Hexachlorocycl...		0.297	0.348	0.375	0.414	0.400	0.396	0.372	11.64
42)	S	2,4,6-Tribromo...	0.236	0.223	0.224	0.213	0.226	0.210	0.202	0.219	5.28
43)	C	2,4,6-Trichlor...	0.349	0.373	0.383	0.373	0.405	0.380	0.359	0.375	4.79
44)		2,4,5-Trichlor...	0.404	0.404	0.413	0.400	0.431	0.399	0.383	0.405	3.61
45)	S	2-Fluorobiphenyl	1.690	1.610	1.569	1.444	1.535	1.402	1.289	1.505	9.04
46)		1,1'-Biphenyl	1.630	1.617	1.587	1.506	1.622	1.500	1.409	1.553	5.39
47)		2-Chloronaphth...	1.190	1.172	1.178	1.117	1.197	1.108	1.047	1.144	4.82
48)		2-Nitroaniline	0.320	0.321	0.333	0.323	0.345	0.325	0.311	0.325	3.38
49)		Acenaphthylene	2.053	1.986	2.003	1.881	1.991	1.847	1.744	1.929	5.65
50)		Dimethylphthalate	1.444	1.368	1.359	1.291	1.379	1.273	1.234	1.336	5.42
51)		2,6-Dinitrotol...	0.307	0.283	0.295	0.285	0.299	0.283	0.268	0.289	4.49
52)	C	Acenaphthene	1.266	1.222	1.224	1.170	1.237	1.155	1.099	1.196	4.80
53)		3-Nitroaniline	0.334	0.313	0.316	0.307	0.322	0.304	0.295	0.313	4.08
54)	P	2,4-Dinitrophenol		0.123	0.154	0.157	0.176	0.170	0.169	0.158	12.18
55)		Dibenzofuran	1.855	1.777	1.783	1.643	1.741	1.607	1.517	1.703	6.93
56)	P	4-Nitrophenol		0.203	0.219	0.210	0.222	0.212	0.208	0.212	3.42
57)		2,4-Dinitrotol...	0.396	0.383	0.399	0.377	0.396	0.372	0.348	0.382	4.73
58)		Fluorene	1.547	1.429	1.397	1.279	1.357	1.240	1.167	1.345	9.49
59)		2,3,4,6-Tetrac...	0.364	0.339	0.357	0.327	0.354	0.332	0.311	0.340	5.58
60)		Diethylphthalate	1.508	1.392	1.372	1.256	1.332	1.246	1.164	1.324	8.55
61)		4-Chlorophenyl...	0.748	0.692	0.680	0.633	0.663	0.610	0.571	0.657	8.84
62)		4-Nitroaniline	0.297	0.281	0.294	0.270	0.283	0.275	0.261	0.280	4.58
63)		Azobenzene	1.290	1.186	1.178	1.115	1.187	1.094	1.045	1.157	6.89
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.104	0.123	0.125	0.137	0.133	0.129	0.125	9.17
66)	c	n-Nitrosodiphe...	0.710	0.679	0.693	0.672	0.722	0.685	0.651	0.687	3.45
67)		4-Bromophenyl-...	0.240	0.229	0.238	0.231	0.252	0.236	0.227	0.236	3.52
68)		Hexachlorobenzene	0.270	0.261	0.263	0.255	0.275	0.260	0.251	0.262	3.17
69)		Atrazine	0.185	0.174	0.188	0.179	0.191	0.188	0.178	0.183	3.33
70)	C	Pentachlorophenol		0.118	0.133	0.139	0.148	0.144	0.142	0.137	7.80
71)		Phenanthrene	1.165	1.100	1.094	1.036	1.091	1.035	0.978	1.071	5.61
72)		Anthracene	1.203	1.145	1.140	1.064	1.132	1.072	1.004	1.108	5.96
73)		Carbazole	1.003	0.960	0.968	0.898	0.931	0.903	0.832	0.928	6.07
74)		Di-n-butylphth...	1.105	1.048	1.072	1.005	1.053	1.017	0.953	1.036	4.76
75)	C	Fluoranthene	1.184	1.083	1.081	0.965	0.988	0.953	0.878	1.019	10.08
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.711	0.772	0.799	0.754	0.684	0.553	0.712	12.40
78)		Pyrene	2.014	1.918	1.928	1.883	1.878	1.753	1.635	1.859	6.75
79)	S	Terphenyl-d14	1.609	1.562	1.556	1.462	1.430	1.327	1.247	1.456	9.11
80)		Butylbenzylpht...	0.435	0.486	0.526	0.581	0.626	0.605	0.588	0.550	12.67
81)		Benzo(a)anthra...	1.367	1.273	1.284	1.350	1.400	1.340	1.263	1.325	3.94
82)		3,3'-Dichlorob...		0.370	0.403	0.442	0.473	0.459	0.418	0.427	8.88
83)		Chrysene	1.298	1.208	1.245	1.172	1.250	1.222	1.170	1.224	3.72
84)		Bis(2-ethylhex...	0.616	0.709	0.756	0.895	0.977	0.926	0.896	0.825	16.02
85)	c	Di-n-octyl pht...		1.284	1.385	1.677	1.816	1.680	1.654	1.582	12.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061125.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.438	1.406	1.458	1.498	1.602	1.514	1.460	1.482	4.31
88)		Benzo(b)fluora...	1.256	1.094	1.112	1.162	1.230	1.251	1.139	1.178	5.71
89)		Benzo(k)fluora...	1.236	1.178	1.245	1.076	1.189	1.035	1.039	1.143	7.94
90)	C	Benzo(a)pyrene	1.164	1.085	1.122	1.104	1.184	1.111	1.068	1.120	3.70
91)		Dibenzo(a,h)an...	1.134	1.176	1.214	1.236	1.318	1.222	1.172	1.210	4.87
92)		Benzo(g,h,i)pe...	1.201	1.164	1.178	1.216	1.295	1.207	1.163	1.203	3.77

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142712.D
Acq On : 10 Jun 2025 16:54
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 11 04:42:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	79232	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	295464	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	183301	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	345616	20.000	ng	0.00
76) Chrysene-d12	14.068	240	223924	20.000	ng	0.00
86) Perylene-d12	15.562	264	151462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	8766	2.710	ng	96

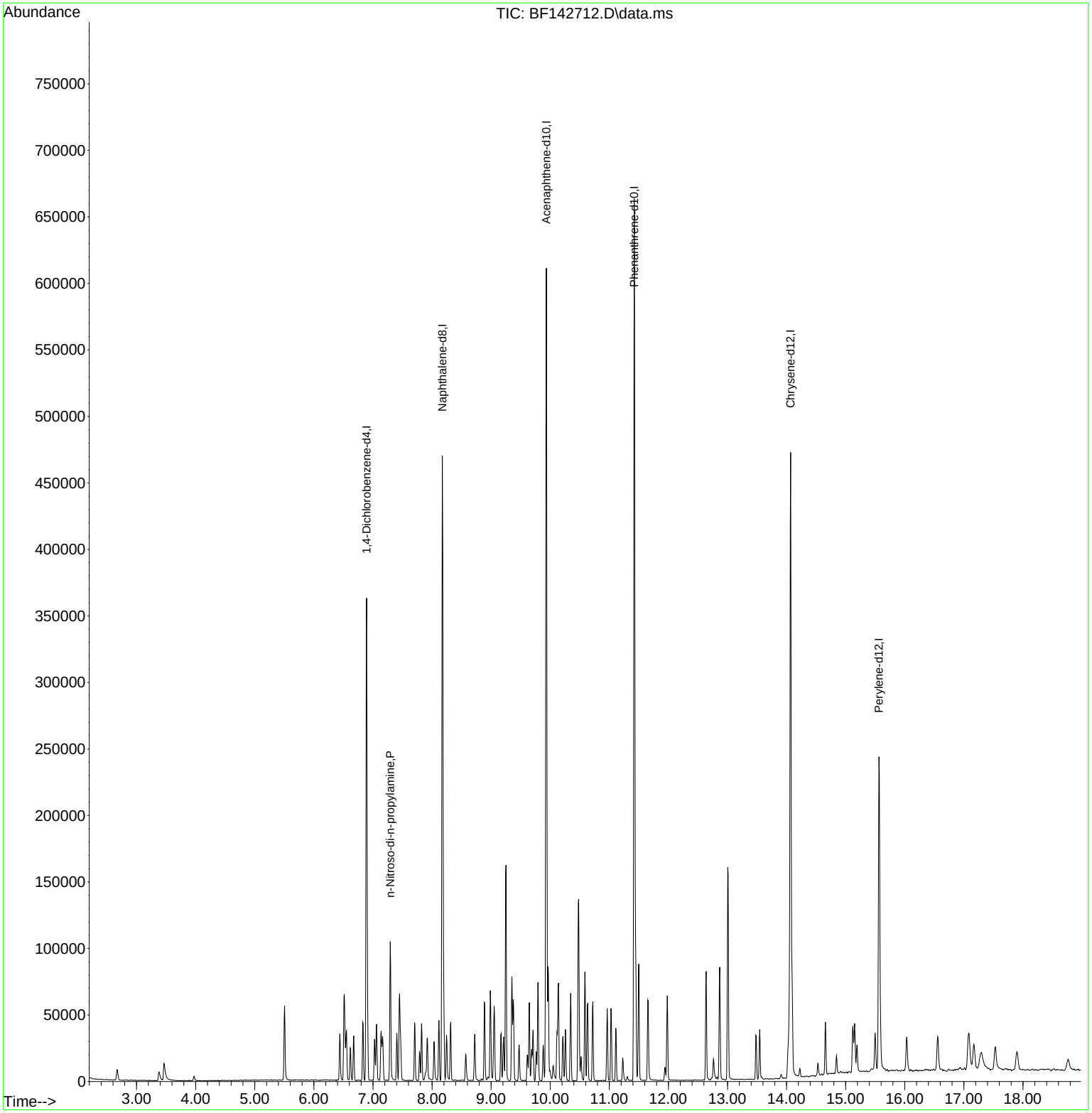
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142712.D
Acq On : 10 Jun 2025 16:54
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jun 11 04:42:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142713.D
Acq On : 10 Jun 2025 17:24
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jun 11 04:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	73153	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	282660	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	171831	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	317109	20.000	ng	0.00
76) Chrysene-d12	14.069	240	192600	20.000	ng	0.00
86) Perylene-d12	15.563	264	136780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	45267	10.485	ng	0.00
7) Phenol-d6	6.510	99	52444	10.388	ng	-0.01
23) Nitrobenzene-d5	7.451	82	53819	10.444	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	20258	10.526	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	145166	11.472	ng	0.00
79) Terphenyl-d14	13.004	244	154958	12.222	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	9117	5.514	ng	98
3) Pyridine	3.457	79	21429	5.033	ng	97
6) Aniline	6.551	93	34126	5.033	ng	98
8) 2-Chlorophenol	6.675	128	23551	4.989	ng	98
10) Phenol	6.522	94	28350	5.028	ng	96
11) bis(2-Chloroethyl)ether	6.622	93	22343	5.410	ng	96
12) 1,3-Dichlorobenzene	6.834	146	28472	5.388	ng	98
13) 1,4-Dichlorobenzene	6.910	146	29191	5.422	ng	99
14) 1,2-Dichlorobenzene	7.063	146	28413	5.535	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	35792	5.355	ng	100
17) 2-Methylphenol	7.140	107	17889	4.966	ng	98
18) Hexachloroethane	7.404	117	10275	5.503	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	16677	5.585	ng	96
22) Acetophenone	7.293	105	33539	5.425	ng	97
24) Nitrobenzene	7.469	77	23879	5.151	ng	99
25) Isophorone	7.704	82	46450	5.508	ng	100
26) 2-Nitrophenol	7.792	139	12154	4.757	ng	99
27) 2,4-Dimethylphenol	7.822	122	22460	5.154	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	28801	5.495	ng	99
29) 2,4-Dichlorophenol	8.034	162	20068	5.067	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	23782	5.446	ng	99
31) Naphthalene	8.198	128	75231	5.400	ng	99
33) 4-Chloroaniline	8.245	127	30308	5.302	ng	99
34) Hexachlorobutadiene	8.316	225	14843	5.491	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	22410	5.387	ng	99
37) 2-Methylnaphthalene	8.887	142	47648	5.368	ng	100
38) 1-Methylnaphthalene	8.987	142	51391	5.616	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	25124	5.027	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	14992	4.592	ng	94
44) 2,4,5-Trichlorophenol	9.204	196	17365	4.967	ng	97
46) 1,1'-Biphenyl	9.351	154	70027	5.243	ng	98
47) 2-Chloronaphthalene	9.375	162	51126	5.116	ng	98
48) 2-Nitroaniline	9.469	65	13726	4.657	ng	98
49) Acenaphthylene	9.792	152	88199	5.321	ng	100
50) Dimethylphthalate	9.645	163	62037	5.367	ng	99
51) 2,6-Dinitrotoluene	9.710	165	13208	5.264	ng	96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142713.D
Acq On : 10 Jun 2025 17:24
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jun 11 04:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

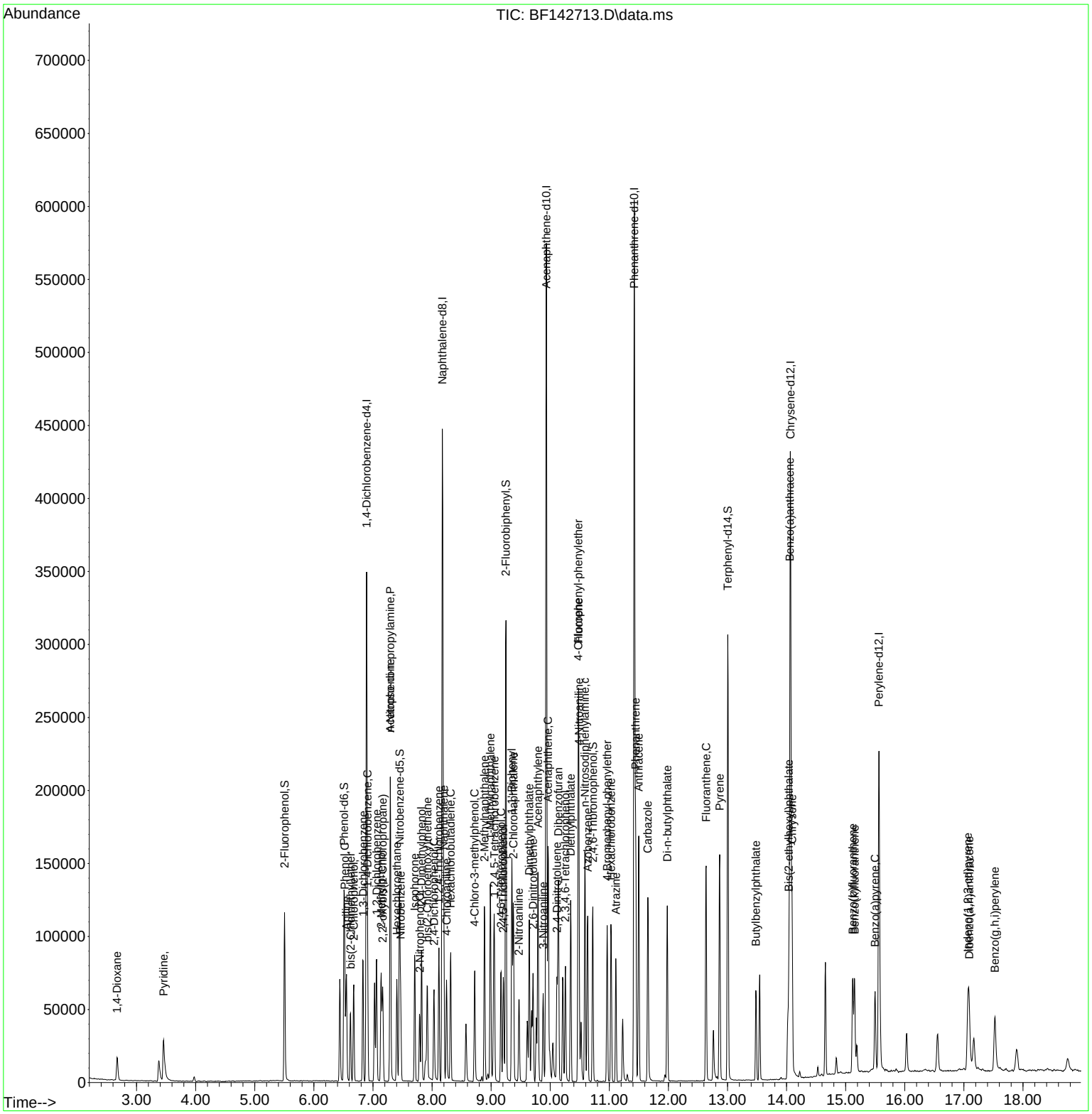
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.963	154	54383	5.359	ng		99
53) 3-Nitroaniline	9.881	138	14348	5.141	ng		99
55) Dibenzofuran	10.139	168	79673	5.471	ng		99
57) 2,4-Dinitrotoluene	10.116	165	17009	5.094	ng		96
58) Fluorene	10.481	166	66464	5.719	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	15641	5.392	ng	#	96
60) Diethylphthalate	10.345	149	64759	5.759	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	32152	5.820	ng		97
62) 4-Nitroaniline	10.486	138	12746	4.873	ng		98
63) Azobenzene	10.633	77	55411	5.497	ng		99
66) n-Nitrosodiphenylamine	10.586	169	56325	5.506	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	19033	5.426	ng		98
68) Hexachlorobenzene	11.028	284	21366	5.334	ng		99
69) Atrazine	11.110	200	14687	4.829	ng		98
71) Phenanthrene	11.445	178	92359	5.445	ng		99
72) Anthracene	11.498	178	95380	5.431	ng		98
73) Carbazole	11.651	167	79530	5.098	ng		99
74) Di-n-butylphthalate	11.980	149	87576	5.304	ng		99
75) Fluoranthene	12.639	202	93843	5.689	ng		99
78) Pyrene	12.869	202	96970	5.961	ng		98
80) Butylbenzylphthalate	13.480	149	20945	4.216	ng		98
81) Benzo(a)anthracene	14.057	228	65823	5.230	ng		99
83) Chrysene	14.092	228	62493	5.295	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	29677	5.009	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	49157	5.039	ng		99
88) Benzo(b)fluoranthene	15.121	252	42934	5.237	ng		99
89) Benzo(k)fluoranthene	15.151	252	42264	5.573	ng		98
90) Benzo(a)pyrene	15.498	252	39797	5.197	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	38778	4.912	ng		98
92) Benzo(g,h,i)perylene	17.527	276	41059	5.047	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142713.D
Acq On : 10 Jun 2025 17:24
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jun 11 04:43:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142714.D
Acq On : 10 Jun 2025 17:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 04:44:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	78202	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	297644	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	171293	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	304369	20.000	ng		0.00
76) Chrysene-d12	14.069	240	175894	20.000	ng		0.00
86) Perylene-d12	15.563	264	145296	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	91494	19.825	ng		0.00
7) Phenol-d6	6.510	99	104679	19.395	ng		-0.01
23) Nitrobenzene-d5	7.451	82	108036	19.910	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	38257	19.941	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	275752	21.861	ng		0.00
79) Terphenyl-d14	13.004	244	274700	23.723	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	17535	9.921	ng		98
3) Pyridine	3.446	79	44155	9.701	ng		98
4) n-Nitrosodimethylamine	3.375	42	21829	9.760	ng	#	100
6) Aniline	6.551	93	69923	9.647	ng		99
8) 2-Chlorophenol	6.675	128	49015	9.712	ng		98
9) Benzaldehyde	6.440	77	36871	12.061	ng		98
10) Phenol	6.528	94	58767	9.750	ng		93
11) bis(2-Chloroethyl)ether	6.622	93	43715	9.901	ng		98
12) 1,3-Dichlorobenzene	6.834	146	57969	10.261	ng		98
13) 1,4-Dichlorobenzene	6.910	146	58003	10.078	ng		98
14) 1,2-Dichlorobenzene	7.063	146	55430	10.101	ng		98
15) Benzyl Alcohol	7.028	79	37926	9.523	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	70858	9.916	ng		99
17) 2-Methylphenol	7.140	107	37156	9.649	ng		98
18) Hexachloroethane	7.404	117	20359	10.200	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	34025	10.659	ng		98
20) 3+4-Methylphenols	7.292	107	49292	10.358	ng	#	89
22) Acetophenone	7.298	105	67100	10.307	ng		99
24) Nitrobenzene	7.469	77	46653	9.556	ng		99
25) Isophorone	7.710	82	92430	10.409	ng		99
26) 2-Nitrophenol	7.792	139	25953	9.646	ng		97
27) 2,4-Dimethylphenol	7.822	122	45074	9.823	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	56675	10.270	ng		99
29) 2,4-Dichlorophenol	8.034	162	41840	10.033	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	46583	10.130	ng		99
31) Naphthalene	8.198	128	148394	10.116	ng		100
32) Benzoic acid	7.898	122	20380	7.420	ng		91
33) 4-Chloroaniline	8.245	127	57953	9.627	ng		98
34) Hexachlorobutadiene	8.316	225	30416	10.686	ng		98
35) Caprolactam	8.581	113	11406	9.021	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	44561	10.173	ng		96
37) 2-Methylnaphthalene	8.886	142	96652	10.341	ng		100
38) 1-Methylnaphthalene	8.986	142	99084	10.283	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	50666	10.170	ng		99
41) Hexachlorocyclopentadiene	9.039	237	25422	8.555	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	31960	9.820	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142714.D
Acq On : 10 Jun 2025 17:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Quant Time: Jun 11 04:44:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	34641	9.940	ng	97
46) 1,1'-Biphenyl	9.351	154	138529	10.404	ng	99
47) 2-Chloronaphthalene	9.381	162	100376	10.076	ng	98
48) 2-Nitroaniline	9.469	65	27476	9.351	ng	97
49) Acenaphthylene	9.792	152	170087	10.293	ng	100
50) Dimethylphthalate	9.645	163	117189	10.171	ng	100
51) 2,6-Dinitrotoluene	9.710	165	24267	9.703	ng	92
52) Acenaphthene	9.969	154	104654	10.345	ng	100
53) 3-Nitroaniline	9.881	138	26814	9.637	ng	98
54) 2,4-Dinitrophenol	9.992	184	10498	7.649	ng	92
55) Dibenzofuran	10.139	168	152164	10.482	ng	98
56) 4-Nitrophenol	10.039	139	17392	9.141	ng	98
57) 2,4-Dinitrotoluene	10.116	165	32824	9.861	ng	99
58) Fluorene	10.480	166	122374	10.564	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	29038m	10.042	ng	
60) Diethylphthalate	10.345	149	119243	10.637	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	59238	10.756	ng	96
62) 4-Nitroaniline	10.492	138	24067	9.231	ng	98
63) Azobenzene	10.633	77	101592	10.110	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	15886	8.392	ng	90
66) n-Nitrosodiphenylamine	10.586	169	103342	10.526	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	34896	10.364	ng	98
68) Hexachlorobenzene	11.033	284	39719	10.331	ng	97
69) Atrazine	11.110	200	26536	9.090	ng	98
70) Pentachlorophenol	11.228	266	17981	8.662	ng	99
71) Phenanthrene	11.445	178	167382	10.281	ng	99
72) Anthracene	11.498	178	174314	10.340	ng	99
73) Carbazole	11.651	167	146072	9.755	ng	99
74) Di-n-butylphthalate	11.980	149	159448	10.061	ng	100
75) Fluoranthene	12.639	202	164874	10.413	ng	99
77) Benzidine	12.763	184	62561	10.131	ng	99
78) Pyrene	12.869	202	168642	11.351	ng	99
80) Butylbenzylphthalate	13.480	149	42755	9.423	ng	98
81) Benzo(a)anthracene	14.057	228	111987	9.743	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	32572	8.868	ng	99
83) Chrysene	14.092	228	106218	9.855	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	62338	11.522	ng	100
85) Di-n-octyl phthalate	14.657	149	112882	10.593	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	102110	9.854	ng	100
88) Benzo(b)fluoranthene	15.121	252	79463	9.125	ng	100
89) Benzo(k)fluoranthene	15.151	252	85570	10.623	ng	100
90) Benzo(a)pyrene	15.498	252	78787	9.685	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	85402	10.184	ng	99
92) Benzo(g,h,i)perylene	17.527	276	84574	9.787	ng	97

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

ICAL Form

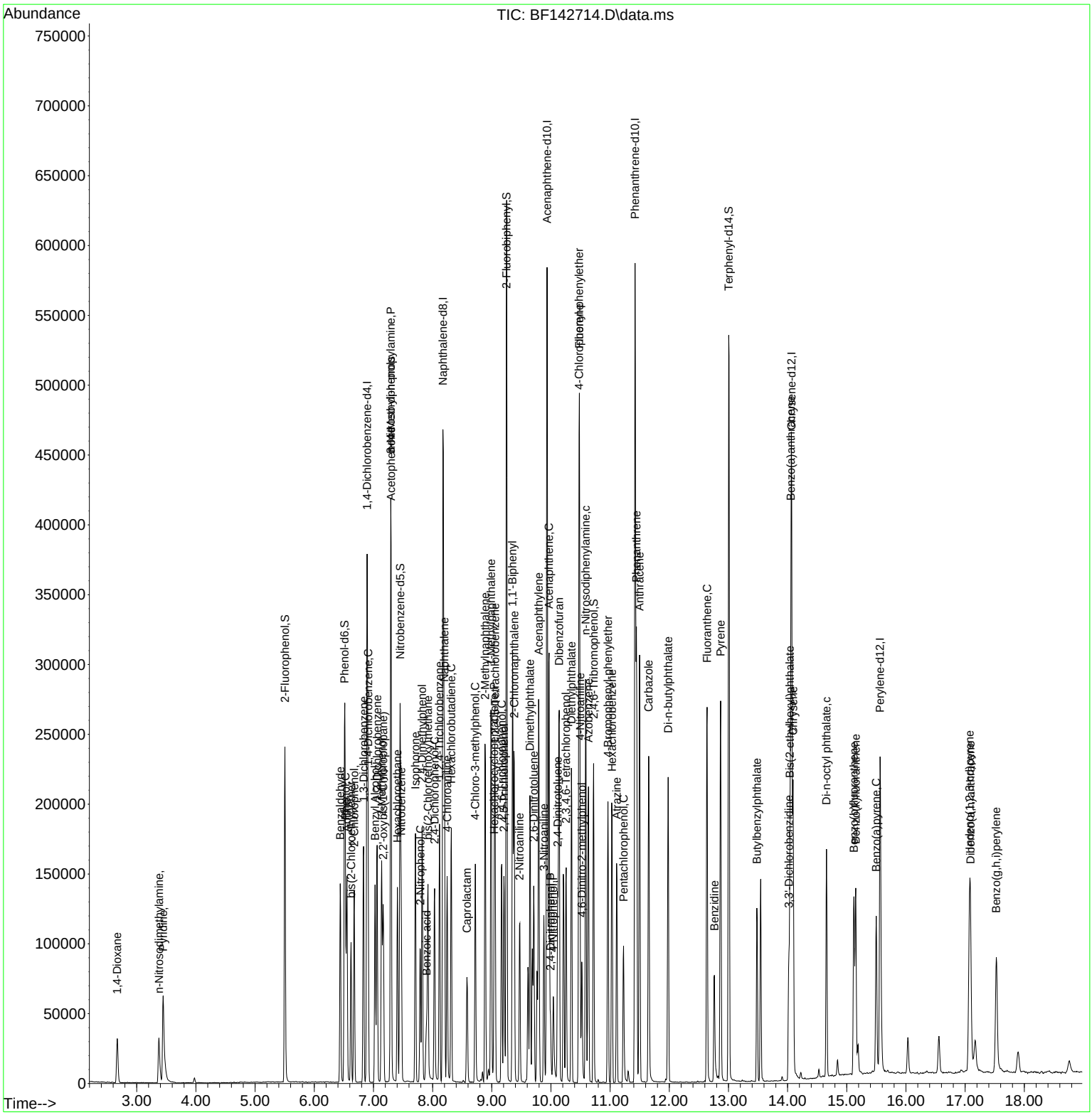
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142714.D
Acq On : 10 Jun 2025 17:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 04:44:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142715.D
Acq On : 10 Jun 2025 18:22
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jun 11 04:44:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	81140	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	314255	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	177830	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	309039	20.000	ng	0.00
76) Chrysene-d12	14.068	240	171505	20.000	ng	0.00
86) Perylene-d12	15.562	264	149863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	194642	40.648	ng	0.00
7) Phenol-d6	6.516	99	227264	40.584	ng	0.00
23) Nitrobenzene-d5	7.457	82	232019	40.499	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	79780	40.055	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	557975	42.608	ng	0.00
79) Terphenyl-d14	13.010	244	533769	47.276	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	38265	20.866	ng	99
3) Pyridine	3.440	79	94010	19.906	ng	99
4) n-Nitrosodimethylamine	3.381	42	47876	20.630	ng	100
6) Aniline	6.551	93	153658	20.432	ng	99
8) 2-Chlorophenol	6.675	128	105458	20.140	ng	98
9) Benzaldehyde	6.440	77	77101	24.308	ng	99
10) Phenol	6.528	94	127959	20.461	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	93244	20.354	ng	98
12) 1,3-Dichlorobenzene	6.834	146	122041	20.821	ng	100
13) 1,4-Dichlorobenzene	6.910	146	123218	20.634	ng	99
14) 1,2-Dichlorobenzene	7.063	146	117164	20.577	ng	99
15) Benzyl Alcohol	7.028	79	85092	20.593	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	149275	20.134	ng	99
17) 2-Methylphenol	7.140	107	80771	20.215	ng	98
18) Hexachloroethane	7.404	117	44183	21.335	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	71901	21.709	ng	96
20) 3+4-Methylphenols	7.292	107	104278	21.119	ng	99
22) Acetophenone	7.298	105	143791	20.920	ng	99
24) Nitrobenzene	7.475	77	102335	19.854	ng	100
25) Isophorone	7.710	82	197471	21.062	ng	99
26) 2-Nitrophenol	7.792	139	57374	20.198	ng	98
27) 2,4-Dimethylphenol	7.828	122	97721	20.170	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	123223	21.148	ng	99
29) 2,4-Dichlorophenol	8.034	162	91906	20.874	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	101174	20.839	ng	100
31) Naphthalene	8.198	128	320958	20.724	ng	100
32) Benzoic acid	7.916	122	51045	17.603	ng	98
33) 4-Chloroaniline	8.245	127	125346	19.722	ng	98
34) Hexachlorobutadiene	8.316	225	64827	21.572	ng	100
35) Caprolactam	8.598	113	24851	18.615	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	95329	20.614	ng	97
37) 2-Methylnaphthalene	8.892	142	201323	20.401	ng	98
38) 1-Methylnaphthalene	8.986	142	210345	20.677	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	104684	20.240	ng	99
41) Hexachlorocyclopentadiene	9.045	237	61808	20.035	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	68065	20.145	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142715.D
Acq On : 10 Jun 2025 18:22
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jun 11 04:44:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	73361	20.277	ng	99
46) 1,1'-Biphenyl	9.351	154	282209	20.415	ng	100
47) 2-Chloronaphthalene	9.381	162	209413	20.249	ng	98
48) 2-Nitroaniline	9.475	65	59282	19.433	ng	97
49) Acenaphthylene	9.798	152	356197	20.763	ng	99
50) Dimethylphthalate	9.651	163	241601	20.198	ng	100
51) 2,6-Dinitrotoluene	9.716	165	52512	20.224	ng	98
52) Acenaphthene	9.969	154	217647	20.723	ng	100
53) 3-Nitroaniline	9.886	138	56260	19.477	ng	99
54) 2,4-Dinitrophenol	9.992	184	27444	19.262	ng	93
55) Dibenzofuran	10.139	168	317114	21.043	ng	98
56) 4-Nitrophenol	10.039	139	38970	19.729	ng	97
57) 2,4-Dinitrotoluene	10.116	165	71013	20.550	ng	98
58) Fluorene	10.480	166	248361	20.651	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	63447	21.135	ng	99
60) Diethylphthalate	10.351	149	243956	20.962	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	121003	21.164	ng	99
62) 4-Nitroaniline	10.492	138	52343	19.338	ng	99
63) Azobenzene	10.633	77	209543	20.087	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	37992	19.767	ng	99
66) n-Nitrosodiphenylamine	10.592	169	214287	21.496	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	73566	21.518	ng	97
68) Hexachlorobenzene	11.033	284	81172	20.794	ng	97
69) Atrazine	11.116	200	58054	19.586	ng	99
70) Pentachlorophenol	11.227	266	40960	19.434	ng	98
71) Phenanthrene	11.445	178	338235	20.462	ng	100
72) Anthracene	11.498	178	352159	20.574	ng	99
73) Carbazole	11.651	167	299238	19.681	ng	99
74) Di-n-butylphthalate	11.980	149	331400	20.596	ng	100
75) Fluoranthene	12.639	202	333984	20.774	ng	100
77) Benzidine	12.763	184	132404	21.990	ng	100
78) Pyrene	12.869	202	330717	22.830	ng	99
80) Butylbenzylphthalate	13.480	149	90265	20.402	ng	99
81) Benzo(a)anthracene	14.057	228	220169	19.646	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	69036	19.277	ng	99
83) Chrysene	14.092	228	213547	20.321	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	129627	24.572	ng	100
85) Di-n-octyl phthalate	14.657	149	237492	22.858	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	218550	20.449	ng	99
88) Benzo(b)fluoranthene	15.121	252	166706	18.561	ng	98
89) Benzo(k)fluoranthene	15.151	252	186600	22.459	ng	99
90) Benzo(a)pyrene	15.498	252	168181	20.044	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	181987	21.041	ng	100
92) Benzo(g,h,i)perylene	17.533	276	176608	19.815	ng	98

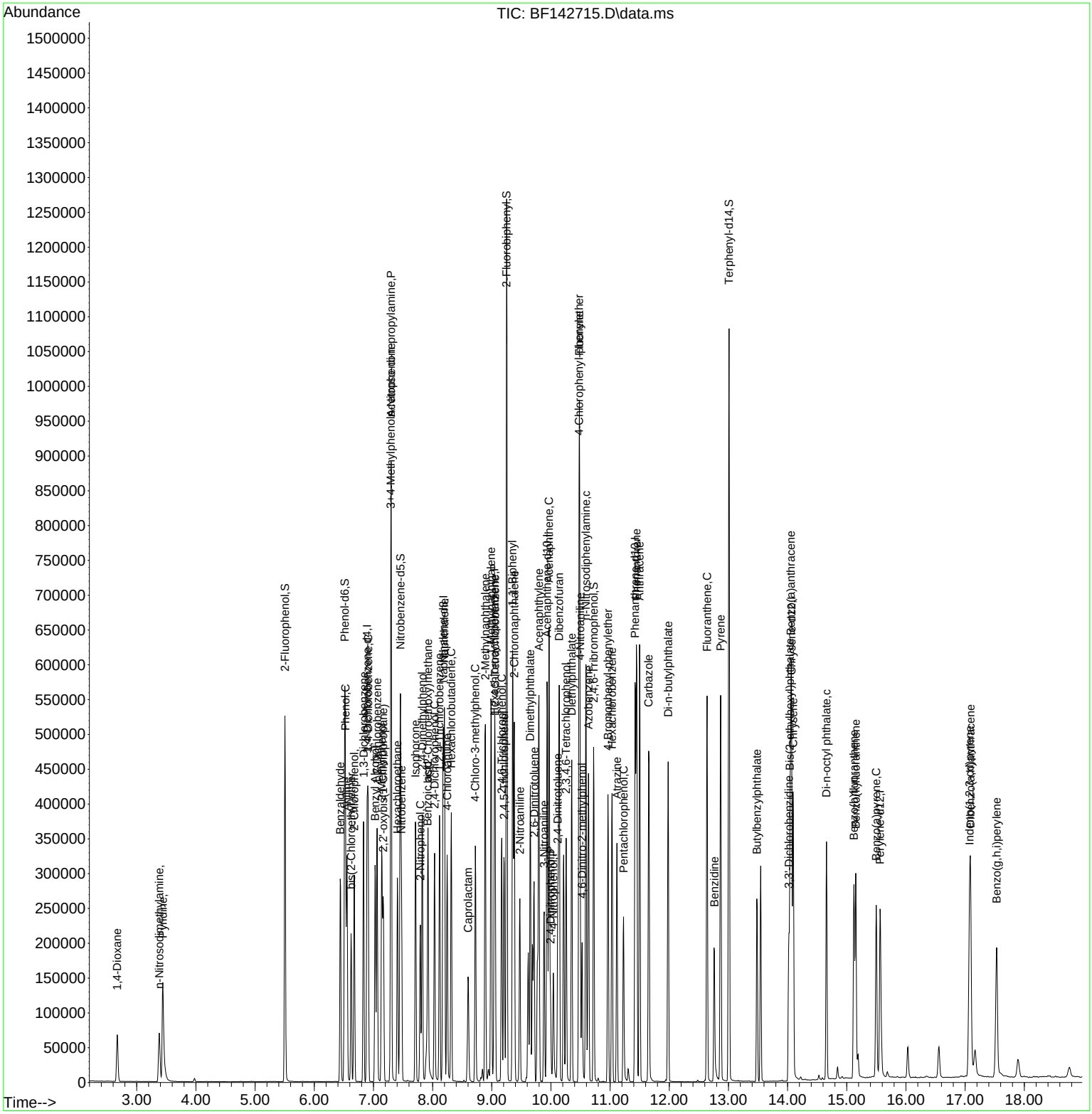
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142715.D
Acq On : 10 Jun 2025 18:22
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jun 11 04:44:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142716.D
Acq On : 10 Jun 2025 18:52
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 11 04:45:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	73919	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	293174	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	163323	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	268461	20.000	ng	0.00
76) Chrysene-d12	14.069	240	133388	20.000	ng	0.00
86) Perylene-d12	15.563	264	147260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	343357	78.709	ng	0.00
7) Phenol-d6	6.522	99	406740	79.729	ng	0.00
23) Nitrobenzene-d5	7.457	82	419582	78.505	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	139141	76.063	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	943621	78.457	ng	0.00
79) Terphenyl-d14	13.010	244	779955	88.822	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	67193	40.220	ng	100
3) Pyridine	3.428	79	171443	39.847	ng	100
4) n-Nitrosodimethylamine	3.381	42	87361	41.322	ng	100
6) Aniline	6.557	93	273155	39.869	ng	100
8) 2-Chlorophenol	6.675	128	190691	39.974	ng	100
9) Benzaldehyde	6.446	77	123971	42.903	ng	100
10) Phenol	6.534	94	225072	39.506	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	167078	40.033	ng	100
12) 1,3-Dichlorobenzene	6.834	146	214577	40.184	ng	100
13) 1,4-Dichlorobenzene	6.910	146	214952	39.511	ng	100
14) 1,2-Dichlorobenzene	7.063	146	207185	39.941	ng	100
15) Benzyl Alcohol	7.034	79	156614	41.604	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	266983	39.528	ng	100
17) 2-Methylphenol	7.145	107	146636	40.285	ng	100
18) Hexachloroethane	7.404	117	77474	41.065	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	129867	43.041	ng	100
20) 3+4-Methylphenols	7.298	107	184159	40.940	ng	100
22) Acetophenone	7.304	105	255088	39.781	ng	100
24) Nitrobenzene	7.481	77	187501	38.993	ng	100
25) Isophorone	7.716	82	353615	40.429	ng	100
26) 2-Nitrophenol	7.792	139	105955	39.983	ng	100
27) 2,4-Dimethylphenol	7.828	122	178092	39.403	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	221302	40.712	ng	100
29) 2,4-Dichlorophenol	8.034	162	163972	39.919	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	179611	39.655	ng	100
31) Naphthalene	8.204	128	570012	39.451	ng	100
32) Benzoic acid	7.945	122	102071	37.731	ng	100
33) 4-Chloroaniline	8.251	127	234175	39.494	ng	100
34) Hexachlorobutadiene	8.316	225	115374	41.152	ng	100
35) Caprolactam	8.622	113	43733	35.114	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	169288	39.238	ng	100
37) 2-Methylnaphthalene	8.892	142	362198	39.343	ng	100
38) 1-Methylnaphthalene	8.992	142	368559	38.834	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	185437	39.039	ng	100
41) Hexachlorocyclopentadiene	9.045	237	122551	43.254	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	121856	39.269	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142716.D
Acq On : 10 Jun 2025 18:52
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 11 04:45:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	130579	39.297	ng	100
46) 1,1'-Biphenyl	9.357	154	491843	38.741	ng	100
47) 2-Chloronaphthalene	9.381	162	364779	38.406	ng	100
48) 2-Nitroaniline	9.475	65	105665	37.714	ng	100
49) Acenaphthylene	9.798	152	614279	38.988	ng	100
50) Dimethylphthalate	9.657	163	421634	38.379	ng	100
51) 2,6-Dinitrotoluene	9.722	165	92988	38.994	ng	100
52) Acenaphthene	9.969	154	382223	39.625	ng	100
53) 3-Nitroaniline	9.886	138	100380	37.837	ng	100
54) 2,4-Dinitrophenol	9.992	184	51262	39.175	ng	100
55) Dibenzofuran	10.139	168	536754	38.781	ng	100
56) 4-Nitrophenol	10.045	139	68518	37.768	ng	100
57) 2,4-Dinitrotoluene	10.122	165	123171	38.810	ng	100
58) Fluorene	10.486	166	417629	37.810	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	106838	38.750	ng	100
60) Diethylphthalate	10.351	149	410385	38.395	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	206812	39.385	ng	100
62) 4-Nitroaniline	10.498	138	88100	35.439	ng	100
63) Azobenzene	10.633	77	364342	38.029	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	67116	40.198	ng	100
66) n-Nitrosodiphenylamine	10.592	169	360849	41.670	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	124035	41.764	ng	100
68) Hexachlorobenzene	11.033	284	136924	40.378	ng	100
69) Atrazine	11.122	200	96297	37.398	ng	100
70) Pentachlorophenol	11.228	266	74723	40.813	ng	100
71) Phenanthrene	11.451	178	556097	38.727	ng	100
72) Anthracene	11.504	178	571308	38.423	ng	100
73) Carbazole	11.657	167	482150	36.505	ng	100
74) Di-n-butylphthalate	11.980	149	539816	38.619	ng	100
75) Fluoranthene	12.639	202	517975	37.088	ng	100
77) Benzidine	12.757	184	213108	45.507	ng	100
78) Pyrene	12.869	202	502445	44.596	ng	100
80) Butylbenzylphthalate	13.480	149	154927	45.024	ng	100
81) Benzo(a)anthracene	14.057	228	360111	41.315	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	117827	42.304	ng	100
83) Chrysene	14.098	228	312740	38.265	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	238704	58.180	ng	100
85) Di-n-octyl phthalate	14.657	149	447326	55.357	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	441110	42.002	ng	100
88) Benzo(b)fluoranthene	15.121	252	342318	38.786	ng	100
89) Benzo(k)fluoranthene	15.151	252	316796	38.803	ng	100
90) Benzo(a)pyrene	15.504	252	325150	39.436	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	364050	42.834	ng	100
92) Benzo(g,h,i)perylene	17.545	276	358281	40.909	ng	100

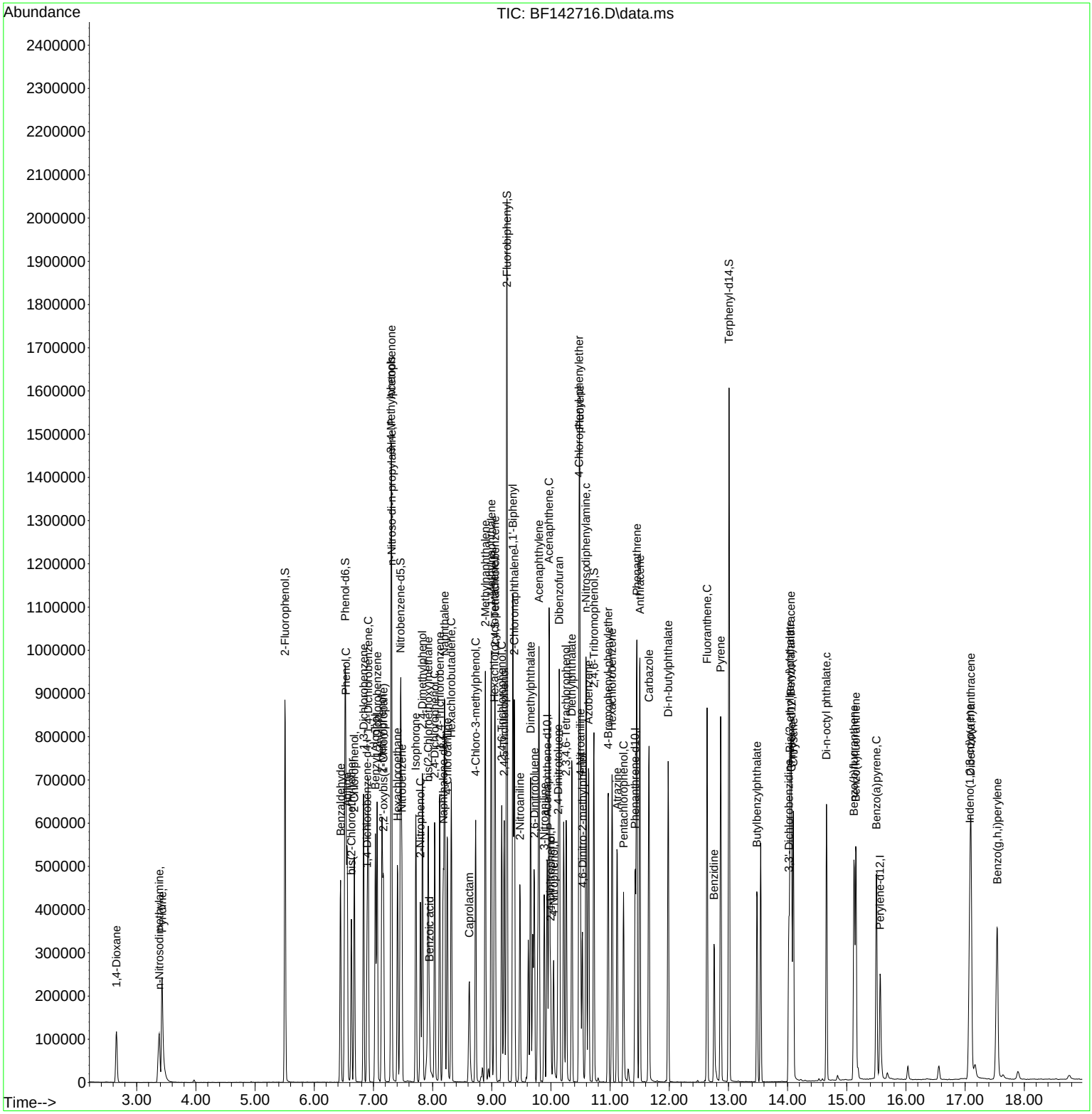
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142716.D
Acq On : 10 Jun 2025 18:52
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 11 04:45:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142717.D
Acq On : 10 Jun 2025 19:21
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jun 11 04:46:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	70241	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	276499	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	147701	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	237963	20.000	ng	0.00
76) Chrysene-d12	14.068	240	123118	20.000	ng	0.00
86) Perylene-d12	15.562	264	138610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	428569	103.387	ng	0.00
7) Phenol-d6	6.522	99	507980	104.788	ng	0.00
23) Nitrobenzene-d5	7.463	82	522412	103.640	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	167194	101.066	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1133290	104.193	ng	0.00
79) Terphenyl-d14	13.010	244	880299	108.612	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	84501	53.229	ng	99
3) Pyridine	3.428	79	214641	52.500	ng	100
4) n-Nitrosodimethylamine	3.387	42	111201	55.352	ng	97
6) Aniline	6.557	93	343267	52.727	ng	98
8) 2-Chlorophenol	6.681	128	236612	52.198	ng	98
9) Benzaldehyde	6.445	77	147368	53.670	ng	99
10) Phenol	6.539	94	282259	52.138	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	211081	53.225	ng	100
12) 1,3-Dichlorobenzene	6.834	146	265706	52.365	ng	98
13) 1,4-Dichlorobenzene	6.910	146	268356	51.911	ng	99
14) 1,2-Dichlorobenzene	7.063	146	255850	51.905	ng	99
15) Benzyl Alcohol	7.034	79	196862	55.034	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	329270	51.302	ng	99
17) 2-Methylphenol	7.145	107	183111	52.940	ng	99
18) Hexachloroethane	7.404	117	97018	54.117	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	161675	56.389	ng	98
20) 3+4-Methylphenols	7.304	107	228069	53.356	ng	93
22) Acetophenone	7.304	105	313957	51.914	ng	97
24) Nitrobenzene	7.481	77	231362	51.017	ng	99
25) Isophorone	7.722	82	435816	52.832	ng	99
26) 2-Nitrophenol	7.792	139	132921	53.183	ng	99
27) 2,4-Dimethylphenol	7.834	122	221956	52.069	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	274327	53.510	ng	100
29) 2,4-Dichlorophenol	8.039	162	207570	53.581	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	222476	52.081	ng	100
31) Naphthalene	8.204	128	696733	51.130	ng	100
32) Benzoic acid	7.957	122	132772	52.040	ng	100
33) 4-Chloroaniline	8.251	127	281926	50.415	ng	98
34) Hexachlorobutadiene	8.316	225	141556	53.536	ng	99
35) Caprolactam	8.628	113	54797	46.651	ng	95
36) 4-Chloro-3-methylphenol	8.728	107	208253	51.181	ng	99
37) 2-Methylnaphthalene	8.892	142	439901	50.665	ng	98
38) 1-Methylnaphthalene	8.992	142	449504	50.219	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	228310	53.148	ng	100
41) Hexachlorocyclopentadiene	9.045	237	152709	59.599	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	149684	53.339	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142717.D
Acq On : 10 Jun 2025 19:21
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jun 11 04:46:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	158991	52.908	ng	98
46) 1,1'-Biphenyl	9.357	154	599102	52.181	ng	100
47) 2-Chloronaphthalene	9.386	162	442042	51.463	ng	99
48) 2-Nitroaniline	9.480	65	127381	50.274	ng	97
49) Acenaphthylene	9.798	152	735181	51.597	ng	99
50) Dimethylphthalate	9.657	163	509346	51.267	ng	100
51) 2,6-Dinitrotoluene	9.722	165	110252	51.124	ng	95
52) Acenaphthene	9.975	154	456720	52.356	ng	100
53) 3-Nitroaniline	9.892	138	118897	49.557	ng	99
54) 2,4-Dinitrophenol	9.998	184	64948	54.883	ng	90
55) Dibenzofuran	10.145	168	642875	51.361	ng	99
56) 4-Nitrophenol	10.045	139	82142	50.067	ng	98
57) 2,4-Dinitrotoluene	10.128	165	146163	50.925	ng	99
58) Fluorene	10.486	166	501157	50.172	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	130800	52.459	ng	99
60) Diethylphthalate	10.357	149	491909	50.889	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	244758	51.542	ng	100
62) 4-Nitroaniline	10.504	138	104407	46.441	ng	99
63) Azobenzene	10.639	77	438379	50.596	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	81791	55.266	ng	97
66) n-Nitrosodiphenylamine	10.598	169	429305	55.929	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	149669	56.854	ng	98
68) Hexachlorobenzene	11.033	284	163747	54.476	ng	99
69) Atrazine	11.122	200	113356	49.666	ng	99
70) Pentachlorophenol	11.227	266	87848	54.131	ng	97
71) Phenanthrene	11.451	178	649264	51.010	ng	100
72) Anthracene	11.504	178	673179	51.077	ng	100
73) Carbazole	11.657	167	554013	47.322	ng	100
74) Di-n-butylphthalate	11.980	149	626243	50.544	ng	100
75) Fluoranthene	12.639	202	588066	47.504	ng	99
77) Benzidine	12.763	184	232203	53.721	ng	99
78) Pyrene	12.868	202	578151	55.596	ng	100
80) Butylbenzylphthalate	13.486	149	192765	60.694	ng	96
81) Benzo(a)anthracene	14.057	228	430896	53.559	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	145475	56.587	ng	98
83) Chrysene	14.098	228	384783	51.006	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	300617	79.382	ng	100
85) Di-n-octyl phthalate	14.657	149	558942	74.939	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	554977	56.142	ng	99
88) Benzo(b)fluoranthene	15.127	252	426102	51.292	ng	99
89) Benzo(k)fluoranthene	15.157	252	412174	53.637	ng	99
90) Benzo(a)pyrene	15.504	252	410292	52.868	ng	100
91) Dibenzo(a,h)anthracene	17.104	278	456552	57.070	ng	99
92) Benzo(g,h,i)perylene	17.545	276	448634	54.423	ng	99

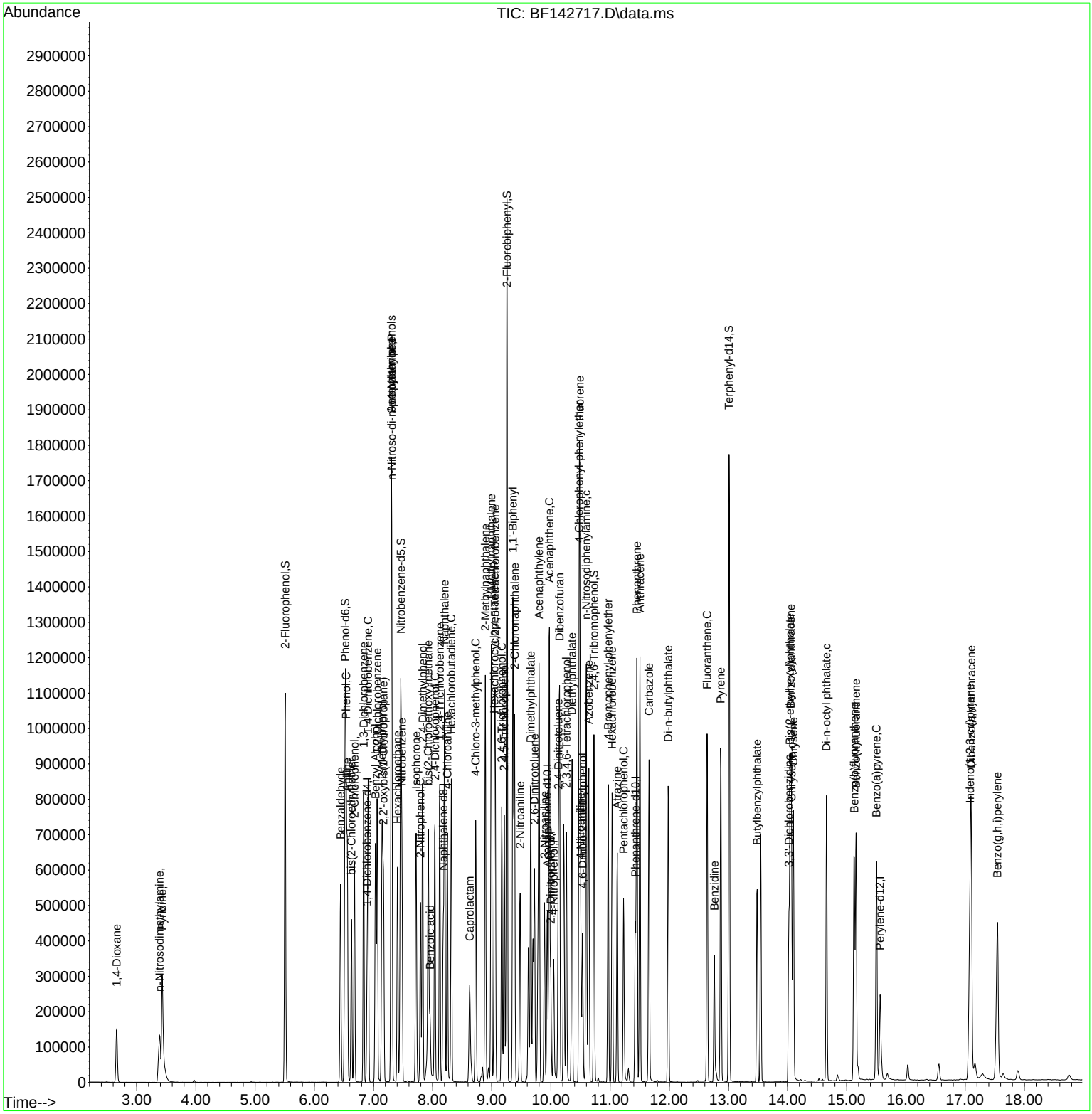
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142717.D
Acq On : 10 Jun 2025 19:21
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jun 11 04:46:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142718.D
Acq On : 10 Jun 2025 19:50
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jun 11 04:46:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	76540	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	294522	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	160126	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	252673	20.000	ng	0.00
76) Chrysene-d12	14.074	240	135419	20.000	ng	0.00
86) Perylene-d12	15.563	264	154871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	531105	117.579	ng	0.00
7) Phenol-d6	6.528	99	632168	119.674	ng	0.00
23) Nitrobenzene-d5	7.463	82	641890	119.550	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	201726	112.478	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1346667	114.204	ng	0.00
79) Terphenyl-d14	13.016	244	1078559	120.985	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	105536	61.008	ng	99
3) Pyridine	3.440	79	273987	61.500	ng	99
4) n-Nitrosodimethylamine	3.405	42	141690	64.724	ng	99
6) Aniline	6.557	93	427361	60.241	ng	94
8) 2-Chlorophenol	6.681	128	295212	59.766	ng	98
9) Benzaldehyde	6.446	77	162597	54.343	ng	99
10) Phenol	6.540	94	355251	60.220	ng	94
11) bis(2-Chloroethyl)ether	6.634	93	259733	60.102	ng	98
12) 1,3-Dichlorobenzene	6.834	146	323976	58.594	ng	98
13) 1,4-Dichlorobenzene	6.910	146	328599	58.333	ng	99
14) 1,2-Dichlorobenzene	7.063	146	315832	58.801	ng	99
15) Benzyl Alcohol	7.040	79	243700	62.521	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	400983	57.334	ng	96
17) 2-Methylphenol	7.145	107	228521	60.631	ng	99
18) Hexachloroethane	7.410	117	119800	61.325	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	198117	63.413	ng	99
20) 3+4-Methylphenols	7.304	107	279582	60.024	ng	99
22) Acetophenone	7.310	105	382998	59.455	ng	99
24) Nitrobenzene	7.487	77	289244	59.877	ng	100
25) Isophorone	7.722	82	535385	60.930	ng	99
26) 2-Nitrophenol	7.798	139	165338	62.106	ng	98
27) 2,4-Dimethylphenol	7.834	122	272466	60.007	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	334048	61.172	ng	99
29) 2,4-Dichlorophenol	8.040	162	251539	60.958	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	270820	59.519	ng	100
31) Naphthalene	8.204	128	846634	58.328	ng	99
32) Benzoic acid	7.969	122	167672	61.697	ng	99
33) 4-Chloroaniline	8.251	127	340957	57.240	ng	98
34) Hexachlorobutadiene	8.316	225	172892	61.386	ng	99
35) Caprolactam	8.634	113	67973	54.327	ng	98
36) 4-Chloro-3-methylphenol	8.734	107	253604	58.512	ng	99
37) 2-Methylnaphthalene	8.892	142	529042	57.203	ng	99
38) 1-Methylnaphthalene	8.992	142	547063	57.378	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	273677	58.765	ng	99
41) Hexachlorocyclopentadiene	9.045	237	192176	69.182	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	182628	60.028	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142718.D
Acq On : 10 Jun 2025 19:50
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jun 11 04:46:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

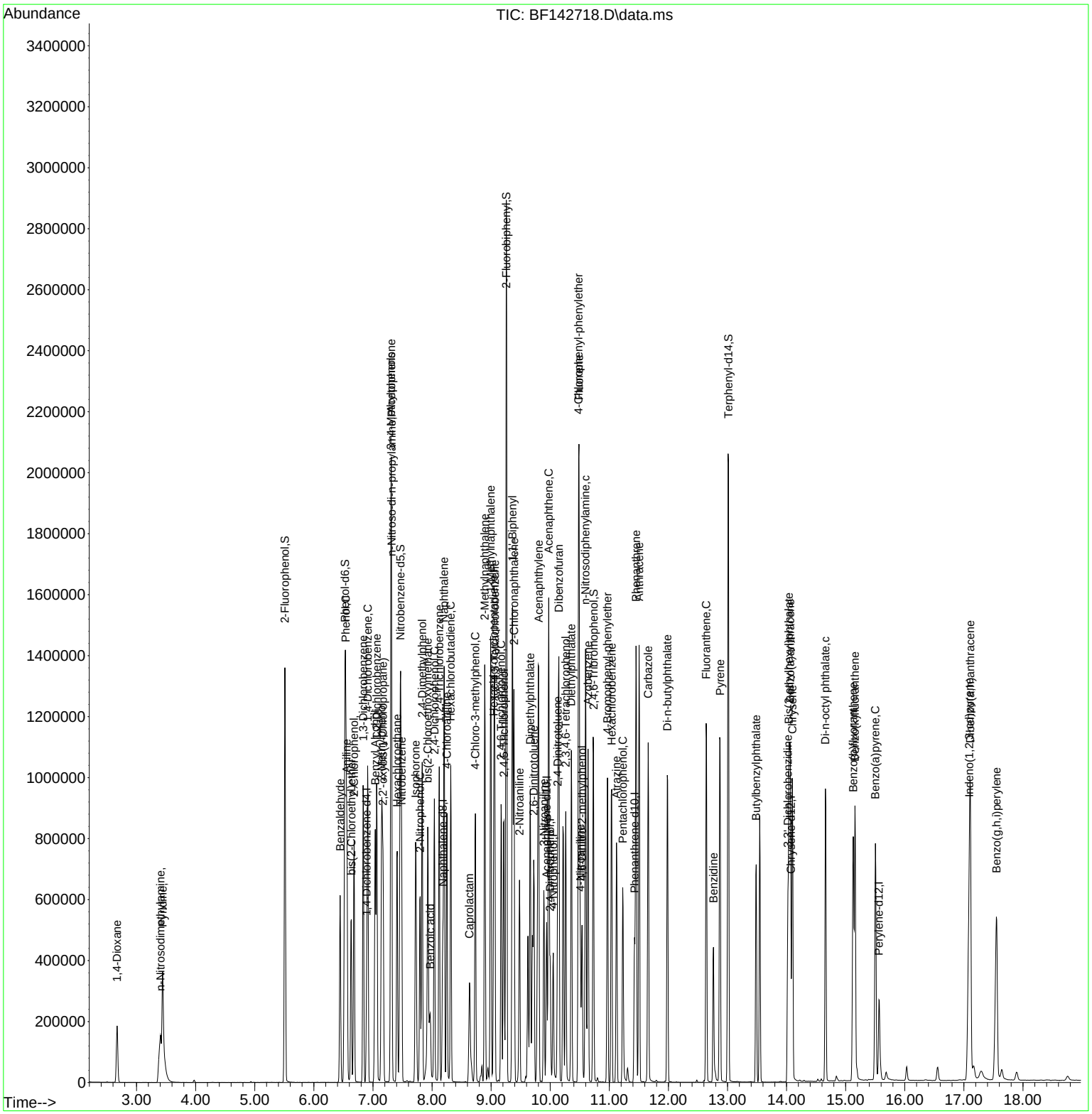
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	191562	58.800	ng	99
46) 1,1'-Biphenyl	9.363	154	720521	57.886	ng	100
47) 2-Chloronaphthalene	9.386	162	532389	57.172	ng	100
48) 2-Nitroaniline	9.481	65	156234	56.877	ng	97
49) Acenaphthylene	9.804	152	887022	57.422	ng	100
50) Dimethylphthalate	9.663	163	611689	56.791	ng	100
51) 2,6-Dinitrotoluene	9.722	165	136180	58.247	ng	94
52) Acenaphthene	9.975	154	554905	58.676	ng	100
53) 3-Nitroaniline	9.892	138	146064	56.156	ng	98
54) 2,4-Dinitrophenol	9.998	184	81703	63.685	ng	93
55) Dibenzofuran	10.145	168	771954	56.888	ng	99
56) 4-Nitrophenol	10.051	139	101876	57.277	ng	99
57) 2,4-Dinitrotoluene	10.128	165	178632	57.408	ng	98
58) Fluorene	10.486	166	595563	54.996	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	159267	58.920	ng	100
60) Diethylphthalate	10.357	149	598763	57.137	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	293201	56.952	ng	99
62) 4-Nitroaniline	10.510	138	132255	54.263	ng	98
63) Azobenzene	10.639	77	525675	55.964	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	100568	63.997	ng	99
66) n-Nitrosodiphenylamine	10.598	169	518951	63.672	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	178556	63.879	ng	97
68) Hexachlorobenzene	11.039	284	197268	61.808	ng	98
69) Atrazine	11.122	200	142413	58.764	ng	98
70) Pentachlorophenol	11.228	266	109333	63.448	ng	98
71) Phenanthrene	11.451	178	784909	58.077	ng	100
72) Anthracene	11.504	178	812386	58.050	ng	99
73) Carbazole	11.657	167	684308	55.049	ng	99
74) Di-n-butylphthalate	11.980	149	770707	58.582	ng	99
75) Fluoranthene	12.639	202	722554	54.970	ng	99
77) Benzidine	12.763	184	277907	58.454	ng	100
78) Pyrene	12.874	202	712252	62.270	ng	100
80) Butylbenzylphthalate	13.486	149	245824	70.369	ng	98
81) Benzo(a)anthracene	14.063	228	544367	61.517	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	186410	65.923	ng	99
83) Chrysene	14.098	228	496488	59.836	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	375994	90.267	ng	100
85) Di-n-octyl phthalate	14.657	149	682501	83.193	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	703616	63.705	ng	100
88) Benzo(b)fluoranthene	15.127	252	581154	62.612	ng	99
89) Benzo(k)fluoranthene	15.157	252	481088	56.031	ng	100
90) Benzo(a)pyrene	15.504	252	516293	59.542	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	567841	63.529	ng	100
92) Benzo(g,h,i)perylene	17.551	276	560664	60.872	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142718.D
Acq On : 10 Jun 2025 19:50
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jun 11 04:46:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142719.D
Acq On : 10 Jun 2025 20:19
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Quant Time: Jun 11 04:47:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	79493	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	302818	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	163275	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	254680	20.000	ng	0.00
76) Chrysene-d12	14.074	240	134451	20.000	ng	0.00
86) Perylene-d12	15.568	264	159401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	683690	145.736	ng	0.01
7) Phenol-d6	6.534	99	828276	150.974	ng	0.01
23) Nitrobenzene-d5	7.469	82	838877	151.958	ng	0.01
42) 2,4,6-Tribromophenol	10.733	330	263313	143.986	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1683411	140.008	ng	0.00
79) Terphenyl-d14	13.016	244	1341427	151.555	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	139665	77.738	ng	98
3) Pyridine	3.440	79	356768	77.107	ng	100
4) n-Nitrosodimethylamine	3.416	42	186856	82.185	ng	100
6) Aniline	6.563	93	551994	74.919	ng	93
8) 2-Chlorophenol	6.681	128	387641	75.563	ng	98
10) Phenol	6.545	94	459718	75.034	ng	86
11) bis(2-Chloroethyl)ether	6.634	93	343229	76.473	ng	100
12) 1,3-Dichlorobenzene	6.840	146	423783	73.798	ng	98
13) 1,4-Dichlorobenzene	6.916	146	429010	73.329	ng	99
14) 1,2-Dichlorobenzene	7.069	146	407726	73.090	ng	100
15) Benzyl Alcohol	7.040	79	320131	79.079	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	511637	70.438	ng	88
17) 2-Methylphenol	7.151	107	296621	75.776	ng	98
18) Hexachloroethane	7.410	117	155047	76.420	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	261726	80.661	ng	98
20) 3+4-Methylphenols	7.310	107	360549	74.532	ng	99
22) Acetophenone	7.316	105	494731	74.696	ng	99
24) Nitrobenzene	7.487	77	377341	75.974	ng	97
25) Isophorone	7.734	82	708591	78.433	ng	99
26) 2-Nitrophenol	7.798	139	215616	78.773	ng	99
27) 2,4-Dimethylphenol	7.834	122	354230	75.877	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	431554	76.862	ng	100
29) 2,4-Dichlorophenol	8.045	162	325461	76.711	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	355845	76.062	ng	100
31) Naphthalene	8.204	128	1093209	73.252	ng	99
32) Benzoic acid	7.987	122	225393	80.665	ng	98
33) 4-Chloroaniline	8.251	127	447813	73.120	ng	98
34) Hexachlorobutadiene	8.316	225	222847	76.955	ng	99
35) Caprolactam	8.651	113	89792m	69.799	ng	
36) 4-Chloro-3-methylphenol	8.739	107	330975	74.272	ng	99
37) 2-Methylnaphthalene	8.892	142	684643	72.000	ng	98
38) 1-Methylnaphthalene	8.992	142	702007	71.612	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	346913	73.054	ng	99
41) Hexachlorocyclopentadiene	9.045	237	258602	91.299	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	234753	75.673	ng	98
44) 2,4,5-Trichlorophenol	9.216	196	249904	75.229	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142719.D
Acq On : 10 Jun 2025 20:19
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Quant Time: Jun 11 04:47:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	1,1'-Biphenyl	9.363	154	919903	72.479	ng	99
47)	2-Chloronaphthalene	9.386	162	683953	72.031	ng	99
48)	2-Nitroaniline	9.481	65	202823	72.414	ng	99
49)	Acenaphthylene	9.804	152	1139161	72.323	ng	100
50)	Dimethylphthalate	9.669	163	806161	73.402	ng	100
51)	2,6-Dinitrotoluene	9.728	165	174846	73.343	ng	94
52)	Acenaphthene	9.975	154	717734	74.430	ng	99
53)	3-Nitroaniline	9.898	138	192508	72.585	ng	99
54)	2,4-Dinitrophenol	10.004	184	110303	84.319	ng	90
55)	Dibenzofuran	10.145	168	990916	71.616	ng	100
56)	4-Nitrophenol	10.057	139	135550	74.740	ng	99
57)	2,4-Dinitrotoluene	10.133	165	227420	71.678	ng	94
58)	Fluorene	10.492	166	762320	69.038	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.263	232	202852	73.596	ng	99
60)	Diethylphthalate	10.363	149	759980	71.123	ng	99
61)	4-Chlorophenyl-phenyle...	10.480	204	373104	71.075	ng	99
62)	4-Nitroaniline	10.516	138	170338	68.540	ng	99
63)	Azobenzene	10.639	77	682466	71.254	ng	100
65)	4,6-Dinitro-2-methylph...	10.545	198	131400	82.959	ng	99
66)	n-Nitrosodiphenylamine	10.604	169	663248	80.735	ng	100
67)	4-Bromophenyl-phenylether	10.969	248	231210	82.064	ng	96
68)	Hexachlorobenzene	11.039	284	255393	79.389	ng	99
69)	Atrazine	11.128	200	181083	74.132	ng	99
70)	Pentachlorophenol	11.233	266	145096	83.538	ng	98
71)	Phenanthrene	11.457	178	996749	73.171	ng	100
72)	Anthracene	11.504	178	1022318	72.476	ng	100
73)	Carbazole	11.657	167	847728	67.657	ng	99
74)	Di-n-butylphthalate	11.986	149	971270	73.246	ng	100
75)	Fluoranthene	12.645	202	894185	67.491	ng	99
77)	Benzidine	12.763	184	297389	63.003	ng	100
78)	Pyrene	12.874	202	879551	77.450	ng	100
80)	Butylbenzylphthalate	13.486	149	316085	91.133	ng	98
81)	Benzo(a)anthracene	14.063	228	679460	77.337	ng	99
82)	3,3'-Dichlorobenzidine	14.021	252	224931	80.119	ng	99
83)	Chrysene	14.098	228	629301	76.388	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.045	149	481798	116.501	ng	100
85)	Di-n-octyl phthalate	14.663	149	889433	109.198	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.098	276	930657	81.866	ng	100
88)	Benzo(b)fluoranthene	15.127	252	726168	76.012	ng	99
89)	Benzo(k)fluoranthene	15.163	252	662322	74.947	ng	99
90)	Benzo(a)pyrene	15.510	252	680946	76.299	ng	99
91)	Dibenzo(a,h)anthracene	17.115	278	746984	81.196	ng	100
92)	Benzo(g,h,i)perylene	17.562	276	741275	78.194	ng	99

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

ICAL Form

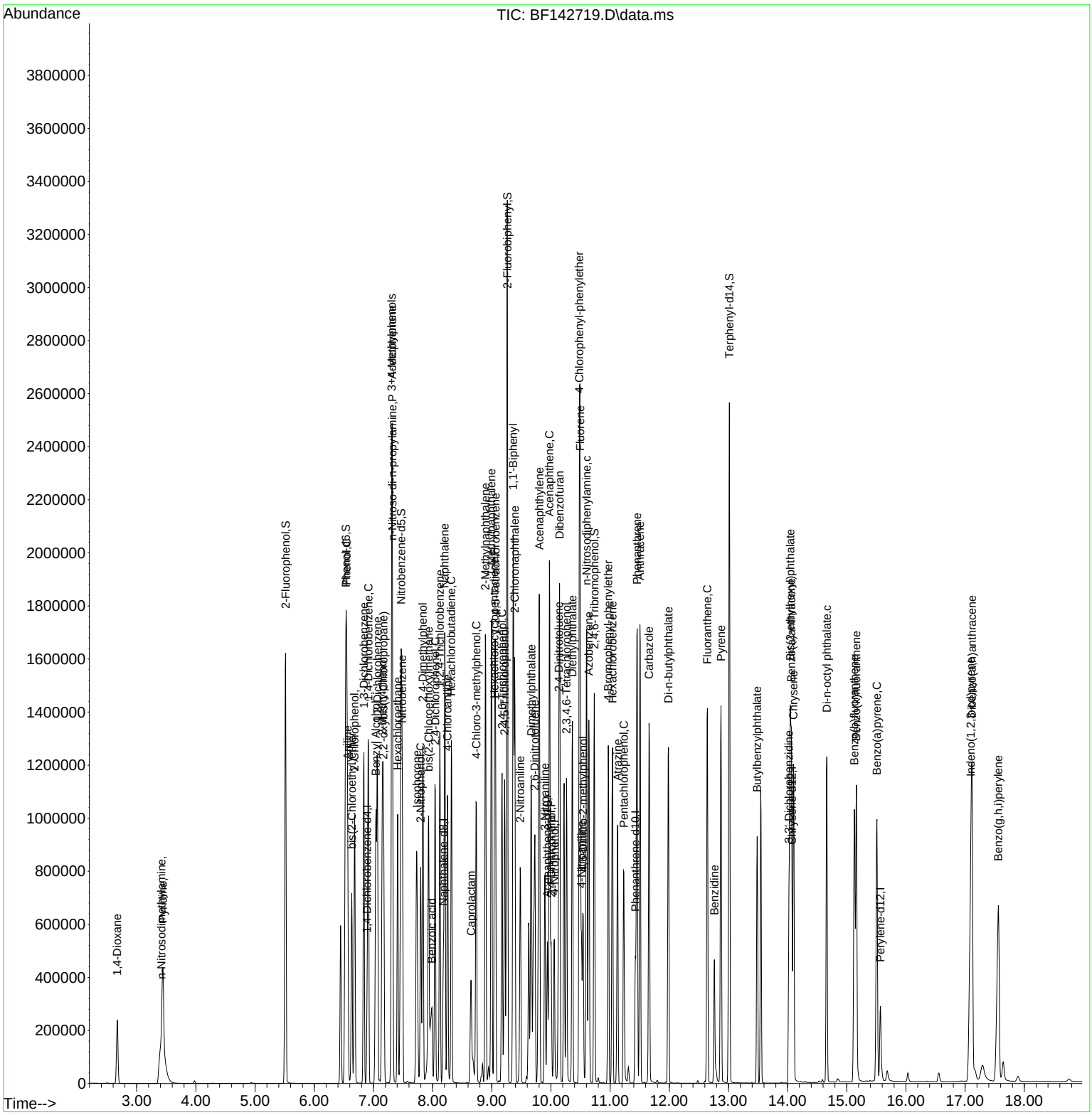
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142719.D
Acq On : 10 Jun 2025 20:19
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 11 04:47:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	75213	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	288852	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	158667	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	249548	20.000	ng	0.00
76) Chrysene-d12	14.068	240	129150	20.000	ng	0.00
86) Perylene-d12	15.562	264	147247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	371136	84.041	ng	0.00
7) Phenol-d6	6.522	99	435266	83.751	ng	0.00
23) Nitrobenzene-d5	7.457	82	405391	76.808	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	142060	81.692	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	896222	75.043	ng	0.00
79) Terphenyl-d14	13.010	244	690646	73.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	71141	40.706	ng	100
3) Pyridine	3.440	79	192629	43.958	ng	99
4) n-Nitrosodimethylamine	3.393	42	99555	44.403	ng	99
6) Aniline	6.557	93	310539	44.644	ng	99
8) 2-Chlorophenol	6.675	128	215825	44.721	ng	99
9) Benzaldehyde	6.445	77	157818	49.036	ng	99
10) Phenol	6.540	94	255700	44.263	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	188668	43.725	ng	99
12) 1,3-Dichlorobenzene	6.834	146	240990	43.756	ng	99
13) 1,4-Dichlorobenzene	6.910	146	244533	43.933	ng	100
14) 1,2-Dichlorobenzene	7.063	146	233860	43.831	ng	100
15) Benzyl Alcohol	7.034	79	174988	44.548	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	296349	43.622	ng	99
17) 2-Methylphenol	7.145	107	165998	44.868	ng	99
18) Hexachloroethane	7.404	117	86610	43.420	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	145187	43.882	ng	100
20) 3+4-Methylphenols	7.298	107	208250	44.648	ng	96
22) Acetophenone	7.304	105	285370	44.413	ng	98
24) Nitrobenzene	7.481	77	206076	43.992	ng	99
25) Isophorone	7.716	82	390476	43.695	ng	99
26) 2-Nitrophenol	7.792	139	119541	45.726	ng	100
27) 2,4-Dimethylphenol	7.828	122	203996	45.831	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	244684	44.101	ng	99
29) 2,4-Dichlorophenol	8.034	162	186060	45.296	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	201833	44.466	ng	100
31) Naphthalene	8.204	128	630716	44.151	ng	99
32) Benzoic acid	7.951	122	120199	47.951	ng	99
33) 4-Chloroaniline	8.251	127	255412	44.530	ng	98
34) Hexachlorobutadiene	8.316	225	128362	44.378	ng	98
35) Caprolactam	8.622	113	48061	43.345	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	187896	43.991	ng	98
37) 2-Methylnaphthalene	8.892	142	393355	43.503	ng	98
38) 1-Methylnaphthalene	8.992	142	407036	43.455	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	205039	44.649	ng	99
41) Hexachlorocyclopentadiene	9.045	237	137738	46.731	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	132920	44.714	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

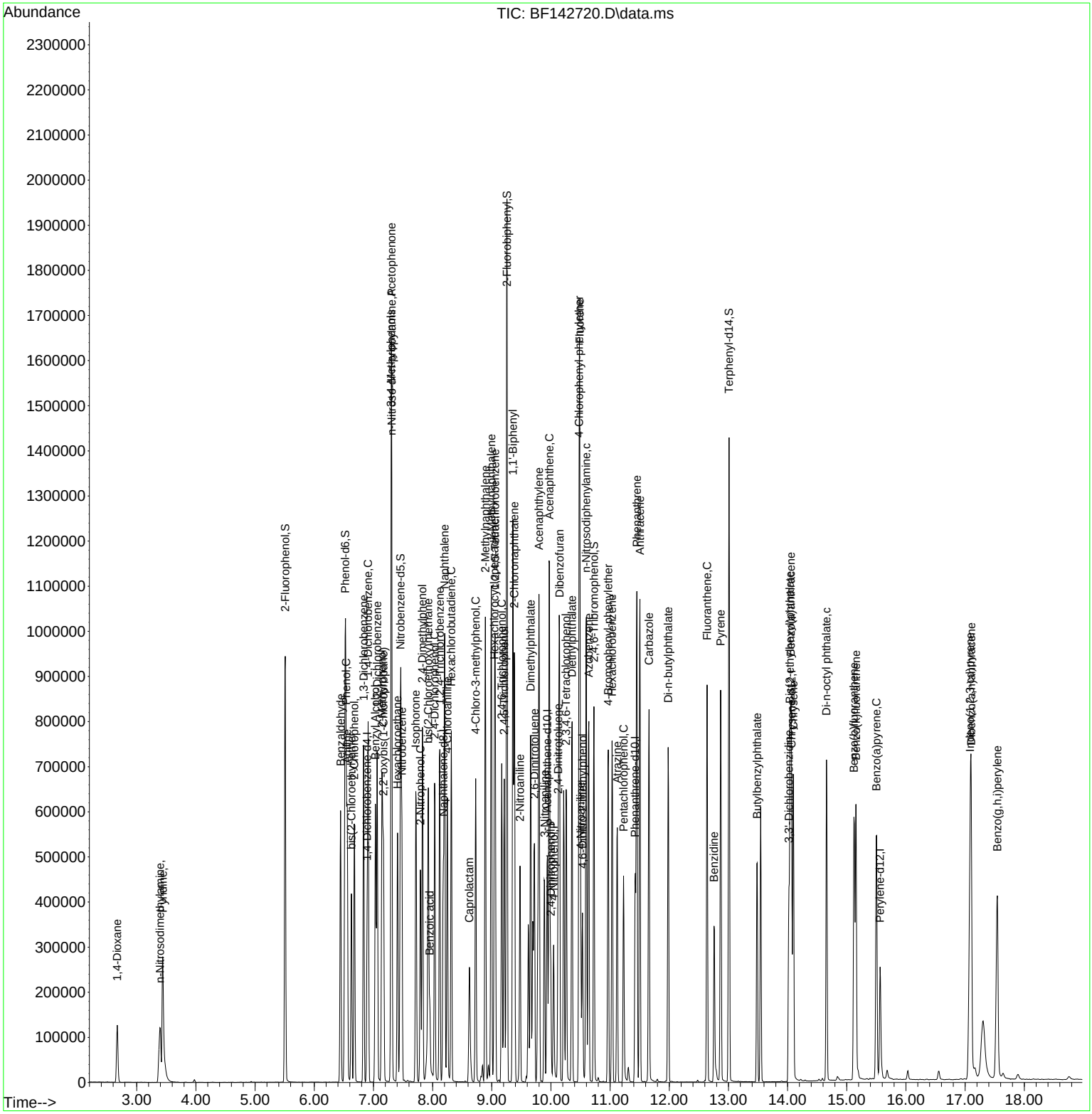
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	145700	45.379	ng	98
46) 1,1'-Biphenyl	9.357	154	550079	44.647	ng	99
47) 2-Chloronaphthalene	9.381	162	399752	44.040	ng	100
48) 2-Nitroaniline	9.475	65	113944	44.136	ng	99
49) Acenaphthylene	9.798	152	666129	43.524	ng	99
50) Dimethylphthalate	9.657	163	453202	42.773	ng	99
51) 2,6-Dinitrotoluene	9.722	165	99403	43.408	ng	96
52) Acenaphthene	9.975	154	416746	43.917	ng	99
53) 3-Nitroaniline	9.892	138	107590	43.317	ng	98
54) 2,4-Dinitrophenol	9.998	184	57103	45.522	ng	89
55) Dibenzofuran	10.145	168	582555	43.111	ng	99
56) 4-Nitrophenol	10.045	139	72282	42.908	ng	98
57) 2,4-Dinitrotoluene	10.122	165	131755	43.516	ng	98
58) Fluorene	10.486	166	449369	42.112	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	115464	42.746	ng	99
60) Diethylphthalate	10.357	149	439146	41.798	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	223388	42.866	ng	99
62) 4-Nitroaniline	10.504	138	92675	41.707	ng	99
63) Azobenzene	10.639	77	396638	43.227	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	70617	45.188	ng	99
66) n-Nitrosodiphenylamine	10.598	169	386201	45.023	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	135771	46.092	ng	98
68) Hexachlorobenzene	11.033	284	146469	44.795	ng	100
69) Atrazine	11.122	200	99271	43.408	ng	99
70) Pentachlorophenol	11.227	266	76507	44.637	ng	99
71) Phenanthrene	11.451	178	586368	43.859	ng	100
72) Anthracene	11.504	178	611481	44.214	ng	99
73) Carbazole	11.657	167	497969	43.010	ng	99
74) Di-n-butylphthalate	11.980	149	547884	42.379	ng	100
75) Fluoranthene	12.639	202	517997	40.746	ng	100
77) Benzidine	12.757	184	223533	48.599	ng	100
78) Pyrene	12.869	202	515693	42.968	ng	100
80) Butylbenzylphthalate	13.486	149	172349	48.561	ng	96
81) Benzo(a)anthracene	14.057	228	390623	45.643	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	128006	46.382	ng	99
83) Chrysene	14.098	228	343895	43.522	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	270293	50.747	ng	99
85) Di-n-octyl phthalate	14.657	149	500941	49.022	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	496299	45.483	ng	100
88) Benzo(b)fluoranthene	15.121	252	390203	45.005	ng	100
89) Benzo(k)fluoranthene	15.157	252	362789	43.126	ng	100
90) Benzo(a)pyrene	15.504	252	375192	45.514	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	407127	45.694	ng	99
92) Benzo(g,h,i)perylene	17.545	276	399606	45.103	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	102	0.00
2		1,4-Dioxane	0.465	0.473	-1.7	106	0.01
3		Pyridine	1.165	1.281	-10.0	112	0.01
4		n-Nitrosodimethylamine	0.596	0.662	-11.1	114	0.01
5	S	2-Fluorophenol	1.174	1.234	-5.1	108	0.00
6		Aniline	1.850	2.064	-11.6	114	0.00
7	S	Phenol-d6	1.382	1.447	-4.7	107	0.00
8		2-Chlorophenol	1.283	1.435	-11.8	113	0.00
9		Benzaldehyde	0.856	1.049	-22.5	127	0.00
10	C	Phenol	1.536	1.700	-10.7	114	0.00
11		bis(2-Chloroethyl)ether	1.147	1.254	-9.3	113	0.00
12		1,3-Dichlorobenzene	1.465	1.602	-9.4	112	0.00
13	C	1,4-Dichlorobenzene	1.480	1.626	-9.9	114	0.00
14		1,2-Dichlorobenzene	1.419	1.555	-9.6	113	0.00
15		Benzyl Alcohol	1.045	1.163	-11.3	112	0.00
16		2,2'-oxybis(1-Chloropropane	1.806	1.970	-9.1	111	0.00
17		2-Methylphenol	0.984	1.104	-12.2	113	0.00
18		Hexachloroethane	0.530	0.576	-8.7	112	0.00
19	P	n-Nitroso-di-n-propylamine	0.880	0.965	-9.7	112	0.00
20		3+4-Methylphenols	1.240	1.384	-11.6	113	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22		Acetophenone	0.445	0.494	-11.0	112	0.00
23	S	Nitrobenzene-d5	0.365	0.351	3.8	97	0.00
24		Nitrobenzene	0.324	0.357	-10.2	110	0.00
25		Isophorone	0.619	0.676	-9.2	110	0.00
26	C	2-Nitrophenol	0.181	0.207	-14.4	113	0.00
27		2,4-Dimethylphenol	0.308	0.353	-14.6	115	0.00
28		bis(2-Chloroethoxy)methane	0.384	0.424	-10.4	111	0.00
29	C	2,4-Dichlorophenol	0.284	0.322	-13.4	113	0.00
30		1,2,4-Trichlorobenzene	0.314	0.349	-11.1	112	0.00
31		Naphthalene	0.989	1.092	-10.4	111	0.00
32		Benzoic acid	0.174	0.208	-19.5	118	0.00
33		4-Chloroaniline	0.397	0.442	-11.3	109	0.00
34	C	Hexachlorobutadiene	0.200	0.222	-11.0	111	0.00
35		Caprolactam	0.077	0.083	-7.8	110	0.00
36	C	4-Chloro-3-methylphenol	0.296	0.325	-9.8	111	0.00
37		2-Methylnaphthalene	0.626	0.681	-8.8	109	0.00
38		1-Methylnaphthalene	0.649	0.705	-8.6	110	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40		1,2,4,5-Tetrachlorobenzene	0.579	0.646	-11.6	111	0.00
41	P	Hexachlorocyclopentadiene	0.372	0.434	-16.7	112	0.00
42	S	2,4,6-Tribromophenol	0.219	0.224	-2.3	102	0.00
43	C	2,4,6-Trichlorophenol	0.375	0.419	-11.7	109	0.00
44		2,4,5-Trichlorophenol	0.405	0.459	-13.3	112	0.00
45	S	2-Fluorobiphenyl	1.505	1.412	6.2	95	0.00
46		1,1'-Biphenyl	1.553	1.733	-11.6	112	0.00
47		2-Chloronaphthalene	1.144	1.260	-10.1	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	0.325	0.359	-10.5	108	0.00
49		Acenaphthylene	1.929	2.099	-8.8	108	0.00
50		Dimethylphthalate	1.336	1.428	-6.9	107	0.00
51		2,6-Dinitrotoluene	0.289	0.313	-8.3	107	0.00
52	C	Acenaphthene	1.196	1.313	-9.8	109	0.00
53		3-Nitroaniline	0.313	0.339	-8.3	107	0.00
54	P	2,4-Dinitrophenol	0.158	0.180	-13.9	111	0.00
55		Dibenzofuran	1.703	1.836	-7.8	109	0.00
56	P	4-Nitrophenol	0.212	0.228	-7.5	105	0.00
57		2,4-Dinitrotoluene	0.382	0.415	-8.6	107	0.00
58		Fluorene	1.345	1.416	-5.3	108	0.00
59		2,3,4,6-Tetrachlorophenol	0.340	0.364	-7.1	108	0.00
60		Diethylphthalate	1.324	1.384	-4.5	107	0.00
61		4-Chlorophenyl-phenylether	0.657	0.704	-7.2	108	0.00
62		4-Nitroaniline	0.280	0.292	-4.3	105	0.00
63		Azobenzene	1.157	1.250	-8.0	109	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	93	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.141	-12.8	105	0.00
66	c	n-Nitrosodiphenylamine	0.687	0.774	-12.7	107	0.00
67		4-Bromophenyl-phenylether	0.236	0.272	-15.3	109	0.00
68		Hexachlorobenzene	0.262	0.293	-11.8	107	0.00
69		Atrazine	0.183	0.199	-8.7	103	0.00
70	C	Pentachlorophenol	0.137	0.153	-11.7	102	0.00
71		Phenanthrene	1.071	1.175	-9.7	105	0.00
72		Anthracene	1.108	1.225	-10.6	107	0.00
73		Carbazole	0.928	0.998	-7.5	103	0.00
74		Di-n-butylphthalate	1.036	1.098	-6.0	101	0.00
75	C	Fluoranthene	1.019	1.038	-1.9	100	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	97	0.00
77		Benzidine	0.712	0.865	-21.5	105	0.00
78		Pyrene	1.859	1.996	-7.4	103	0.00
79	S	Terphenyl-d14	1.456	1.337	8.2	89	0.00
80		Butylbenzylphthalate	0.550	0.667	-21.3	111	0.00
81		Benzo(a)anthracene	1.325	1.512	-14.1	108	0.00
82		3,3'-Dichlorobenzidine	0.427	0.496	-16.2	109	0.00
83		Chrysene	1.224	1.331	-8.7	110	0.00
84		Bis(2-ethylhexyl)phthalate	0.825	1.046	-26.8#	113	0.00
85	c	Di-n-octyl phthalate	1.582	1.939	-22.6#	112	0.00
86	I	Perylene-d12	1.000	1.000	0.0	100	0.00
87		Indeno(1,2,3-cd)pyrene	1.482	1.685	-13.7	113	0.00
88		Benzo(b)fluoranthene	1.178	1.325	-12.5	114	0.00
89		Benzo(k)fluoranthene	1.143	1.232	-7.8	115	0.00
90	C	Benzo(a)pyrene	1.120	1.274	-13.7	115	0.00
91		Dibenzo(a,h)anthracene	1.210	1.382	-14.2	112	0.00
92		Benzo(g,h,i)perylene	1.203	1.357	-12.8	112	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	102	0.00
2		1,4-Dioxane	40.000	40.706	-1.8	106	0.01
3		Pyridine	40.000	43.958	-9.9	112	0.01
4		n-Nitrosodimethylamine	40.000	44.403	-11.0	114	0.01
5	S	2-Fluorophenol	80.000	84.041	-5.1	108	0.00
6		Aniline	40.000	44.644	-11.6	114	0.00
7	S	Phenol-d6	80.000	83.751	-4.7	107	0.00
8		2-Chlorophenol	40.000	44.721	-11.8	113	0.00
9		Benzaldehyde	40.000	49.036	-22.6	127	0.00
10	C	Phenol	40.000	44.263	-10.7	114	0.00
11		bis(2-Chloroethyl)ether	40.000	43.725	-9.3	113	0.00
12		1,3-Dichlorobenzene	40.000	43.756	-9.4	112	0.00
13	C	1,4-Dichlorobenzene	40.000	43.933	-9.8	114	0.00
14		1,2-Dichlorobenzene	40.000	43.831	-9.6	113	0.00
15		Benzyl Alcohol	40.000	44.548	-11.4	112	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	43.622	-9.1	111	0.00
17		2-Methylphenol	40.000	44.868	-12.2	113	0.00
18		Hexachloroethane	40.000	43.420	-8.6	112	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	43.882	-9.7	112	0.00
20		3+4-Methylphenols	40.000	44.648	-11.6	113	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22		Acetophenone	40.000	44.413	-11.0	112	0.00
23	S	Nitrobenzene-d5	80.000	76.808	4.0	97	0.00
24		Nitrobenzene	40.000	43.992	-10.0	110	0.00
25		Isophorone	40.000	43.695	-9.2	110	0.00
26	C	2-Nitrophenol	40.000	45.726	-14.3	113	0.00
27		2,4-Dimethylphenol	40.000	45.831	-14.6	115	0.00
28		bis(2-Chloroethoxy)methane	40.000	44.101	-10.3	111	0.00
29	C	2,4-Dichlorophenol	40.000	45.296	-13.2	113	0.00
30		1,2,4-Trichlorobenzene	40.000	44.466	-11.2	112	0.00
31		Naphthalene	40.000	44.151	-10.4	111	0.00
32		Benzoic acid	40.000	47.951	-19.9	118	0.00
33		4-Chloroaniline	40.000	44.530	-11.3	109	0.00
34	C	Hexachlorobutadiene	40.000	44.378	-10.9	111	0.00
35		Caprolactam	40.000	43.345	-8.4	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.991	-10.0	111	0.00
37		2-Methylnaphthalene	40.000	43.503	-8.8	109	0.00
38		1-Methylnaphthalene	40.000	43.455	-8.6	110	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	44.649	-11.6	111	0.00
41	P	Hexachlorocyclopentadiene	40.000	46.731	-16.8	112	0.00
42	S	2,4,6-Tribromophenol	80.000	81.692	-2.1	102	0.00
43	C	2,4,6-Trichlorophenol	40.000	44.714	-11.8	109	0.00
44		2,4,5-Trichlorophenol	40.000	45.379	-13.4	112	0.00
45	S	2-Fluorobiphenyl	80.000	75.043	6.2	95	0.00
46		1,1'-Biphenyl	40.000	44.647	-11.6	112	0.00
47		2-Chloronaphthalene	40.000	44.040	-10.1	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	44.136	-10.3	108	0.00
49		Acenaphthylene	40.000	43.524	-8.8	108	0.00
50		Dimethylphthalate	40.000	42.773	-6.9	107	0.00
51		2,6-Dinitrotoluene	40.000	43.408	-8.5	107	0.00
52	C	Acenaphthene	40.000	43.917	-9.8	109	0.00
53		3-Nitroaniline	40.000	43.317	-8.3	107	0.00
54	P	2,4-Dinitrophenol	40.000	45.522	-13.8	111	0.00
55		Dibenzofuran	40.000	43.111	-7.8	109	0.00
56	P	4-Nitrophenol	40.000	42.908	-7.3	105	0.00
57		2,4-Dinitrotoluene	40.000	43.516	-8.8	107	0.00
58		Fluorene	40.000	42.112	-5.3	108	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.746	-6.9	108	0.00
60		Diethylphthalate	40.000	41.798	-4.5	107	0.00
61		4-Chlorophenyl-phenylether	40.000	42.866	-7.2	108	0.00
62		4-Nitroaniline	40.000	41.707	-4.3	105	0.00
63		Azobenzene	40.000	43.227	-8.1	109	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	93	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.188	-13.0	105	0.00
66	c	n-Nitrosodiphenylamine	40.000	45.023	-12.6	107	0.00
67		4-Bromophenyl-phenylether	40.000	46.092	-15.2	109	0.00
68		Hexachlorobenzene	40.000	44.795	-12.0	107	0.00
69		Atrazine	40.000	43.408	-8.5	103	0.00
70	C	Pentachlorophenol	40.000	44.637	-11.6	102	0.00
71		Phenanthrene	40.000	43.859	-9.6	105	0.00
72		Anthracene	40.000	44.214	-10.5	107	0.00
73		Carbazole	40.000	43.010	-7.5	103	0.00
74		Di-n-butylphthalate	40.000	42.379	-5.9	101	0.00
75	C	Fluoranthene	40.000	40.746	-1.9	100	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	97	0.00
77		Benzidine	40.000	48.599	-21.5	105	0.00
78		Pyrene	40.000	42.968	-7.4	103	0.00
79	S	Terphenyl-d14	80.000	73.446	8.2	89	0.00
80		Butylbenzylphthalate	40.000	48.561	-21.4	111	0.00
81		Benzo(a)anthracene	40.000	45.643	-14.1	108	0.00
82		3,3'-Dichlorobenzidine	40.000	46.382	-16.0	109	0.00
83		Chrysene	40.000	43.522	-8.8	110	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	50.747	-26.9#	113	0.00
85	c	Di-n-octyl phthalate	40.000	49.022	-22.6#	112	0.00
86	I	Perylene-d12	20.000	20.000	0.0	100	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	45.483	-13.7	113	0.00
88		Benzo(b)fluoranthene	40.000	45.005	-12.5	114	0.00
89		Benzo(k)fluoranthene	40.000	43.126	-7.8	115	0.00
90	C	Benzo(a)pyrene	40.000	45.514	-13.8	115	0.00
91		Dibenzo(a,h)anthracene	40.000	45.694	-14.2	112	0.00
92		Benzo(g,h,i)perylene	40.000	45.103	-12.8	112	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142720.D
Acq On : 10 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061125

Quant Time: Jun 11 05:58:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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

Raw Data: **BF142723.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q2264 SAS No.: Q2264 SDG No.: Q2264

Instrument ID: BNA_F Calibration Date/Time: 06/11/2025 09:24

Lab File ID: BF142723.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.596	0.590		-1.0	
2-Fluorophenol	1.174	1.141		-2.8	
Phenol-d6	1.382	1.367		-1.1	
Phenol	1.536	1.528		-0.5	20.0
bis(2-Chloroethyl)ether	1.147	1.136		-1.0	
2-Chlorophenol	1.283	1.259		-1.9	
2,2-oxybis(1-Chloropropane)	1.806	1.799		-0.4	
n-Nitroso-di-n-propylamine	0.880	0.889	0.050	1.0	
Nitrobenzene-d5	0.365	0.358		-1.9	
Hexachloroethane	0.530	0.508		-4.2	
Nitrobenzene	0.324	0.320		-1.2	
Isophorone	0.619	0.614		-0.8	
2-Nitrophenol	0.181	0.182		0.6	20.0
2,4-Dimethylphenol	0.308	0.305		-1.0	
bis(2-Chloroethoxy)methane	0.384	0.380		-1.0	
2,4-Dichlorophenol	0.284	0.284		0.0	20.0
1,2,4-Trichlorobenzene	0.314	0.307		-2.2	
Naphthalene	0.989	0.976		-1.3	
Hexachlorobutadiene	0.200	0.197		-1.5	20.0
4-Chloro-3-methylphenol	0.296	0.295		-0.3	20.0
Hexachlorocyclopentadiene	0.372	0.369	0.050	-0.8	
2,4,6-Trichlorophenol	0.375	0.381		1.6	20.0
2-Fluorobiphenyl	1.505	1.452		-3.5	
2-Chloronaphthalene	1.144	1.134		-0.9	
Dimethylphthalate	1.336	1.325		-0.8	
Acenaphthylene	1.929	1.891		-2.0	
2,6-Dinitrotoluene	0.289	0.285		-1.4	
Acenaphthene	1.196	1.172		-2.0	20.0
2,4-Dinitrophenol	0.158	0.159	0.050	0.6	
4-Nitrophenol	0.212	0.215	0.050	1.4	
2,4-Dinitrotoluene	0.382	0.392		2.6	
Diethylphthalate	1.324	1.318		-0.5	
4-Chlorophenyl-phenylether	0.657	0.651		-0.9	
Fluorene	1.345	1.301		-3.3	
4,6-Dinitro-2-methylphenol	0.125	0.125		0.0	
n-Nitrosodiphenylamine	0.687	0.667		-2.9	20.0
Azobenzene	1.157	1.164		0.6	
2,4,6-Tribromophenol	0.219	0.218		-0.5	
4-Bromophenyl-phenylether	0.236	0.233		-1.3	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q2264 SAS No.: Q2264 SDG No.: Q2264

Instrument ID: BNA_F Calibration Date/Time: 06/11/2025 09:24

Lab File ID: BF142723.D Init. Calib. Date(s): 06/10/2025 06/10/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:54 20:19

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Hexachlorobenzene	0.262	0.255		-2.7	
Pentachlorophenol	0.137	0.138		0.7	20.0
Phenanthrene	1.071	1.043		-2.6	
Anthracene	1.108	1.070		-3.4	
Di-n-butylphthalate	1.036	1.101		6.3	
Fluoranthene	1.019	1.017		-0.2	20.0
Benzidine	0.712	0.833		17.0	
Pyrene	1.859	1.904		2.4	
Terphenyl-d14	1.456	1.502		3.2	
Butylbenzylphthalate	0.550	0.589		7.1	
3,3-Dichlorobenzidine	0.427	0.407		-4.7	
Benzo(a)anthracene	1.325	1.330		0.4	
Chrysene	1.224	1.168		-4.6	
Bis(2-ethylhexyl)phthalate	0.825	0.821		-0.5	
Di-n-octyl phthalate	1.582	1.500		-5.2	20.0
Benzo(b)fluoranthene	1.178	1.192		1.2	
Benzo(k)fluoranthene	1.143	1.132		-1.0	
Benzo(a)pyrene	1.120	1.112		-0.7	20.0
Indeno(1,2,3-cd)pyrene	1.482	1.501		1.3	
Dibenzo(a,h)anthracene	1.210	1.240		2.5	
Benzo(g,h,i)perylene	1.203	1.196		-0.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	78219	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	306828	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	172169	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	291189	20.000	ng	0.00
76) Chrysene-d12	14.068	240	151467	20.000	ng	0.00
86) Perylene-d12	15.562	264	144700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	356932	77.718	ng	0.00
7) Phenol-d6	6.522	99	427800	79.151	ng	0.00
23) Nitrobenzene-d5	7.463	82	438940	78.292	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	150317	79.661	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1000211	77.182	ng	0.00
79) Terphenyl-d14	13.010	244	909882	82.504	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	70362	38.713	ng	99
3) Pyridine	3.434	79	181890	39.912	ng	99
4) n-Nitrosodimethylamine	3.393	42	92221	39.551	ng	99
6) Aniline	6.557	93	286728	39.637	ng	99
8) 2-Chlorophenol	6.675	128	196912	39.234	ng	100
9) Benzaldehyde	6.445	77	128021	38.249	ng	99
10) Phenol	6.534	94	238989	39.780	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	177643	39.588	ng	99
12) 1,3-Dichlorobenzene	6.834	146	223632	39.044	ng	99
13) 1,4-Dichlorobenzene	6.910	146	226923	39.202	ng	99
14) 1,2-Dichlorobenzene	7.063	146	216495	39.017	ng	99
15) Benzyl Alcohol	7.034	79	165174	40.433	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	281441	39.836	ng	99
17) 2-Methylphenol	7.145	107	154089	40.048	ng	100
18) Hexachloroethane	7.410	117	79503	38.325	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	139102	40.427	ng	98
20) 3+4-Methylphenols	7.298	107	194307	40.057	ng	96
22) Acetophenone	7.304	105	264649	38.775	ng	99
24) Nitrobenzene	7.481	77	196237	39.438	ng	98
25) Isophorone	7.716	82	376632	39.677	ng	100
26) 2-Nitrophenol	7.792	139	111614	40.193	ng	99
27) 2,4-Dimethylphenol	7.828	122	186898	39.530	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	233354	39.595	ng	99
29) 2,4-Dichlorophenol	8.039	162	174063	39.892	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	188170	39.027	ng	99
31) Naphthalene	8.204	128	598797	39.461	ng	100
32) Benzoic acid	7.945	122	107892	40.520	ng	99
33) 4-Chloroaniline	8.251	127	244917	40.198	ng	99
34) Hexachlorobutadiene	8.316	225	121013	39.386	ng	99
35) Caprolactam	8.622	113	48942	41.553	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	181270	39.954	ng	98
37) 2-Methylnaphthalene	8.892	142	379974	39.561	ng	99
38) 1-Methylnaphthalene	8.992	142	394920	39.691	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	195292	39.191	ng	99
41) Hexachlorocyclopentadiene	9.045	237	127080	39.734	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	131246	40.688	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

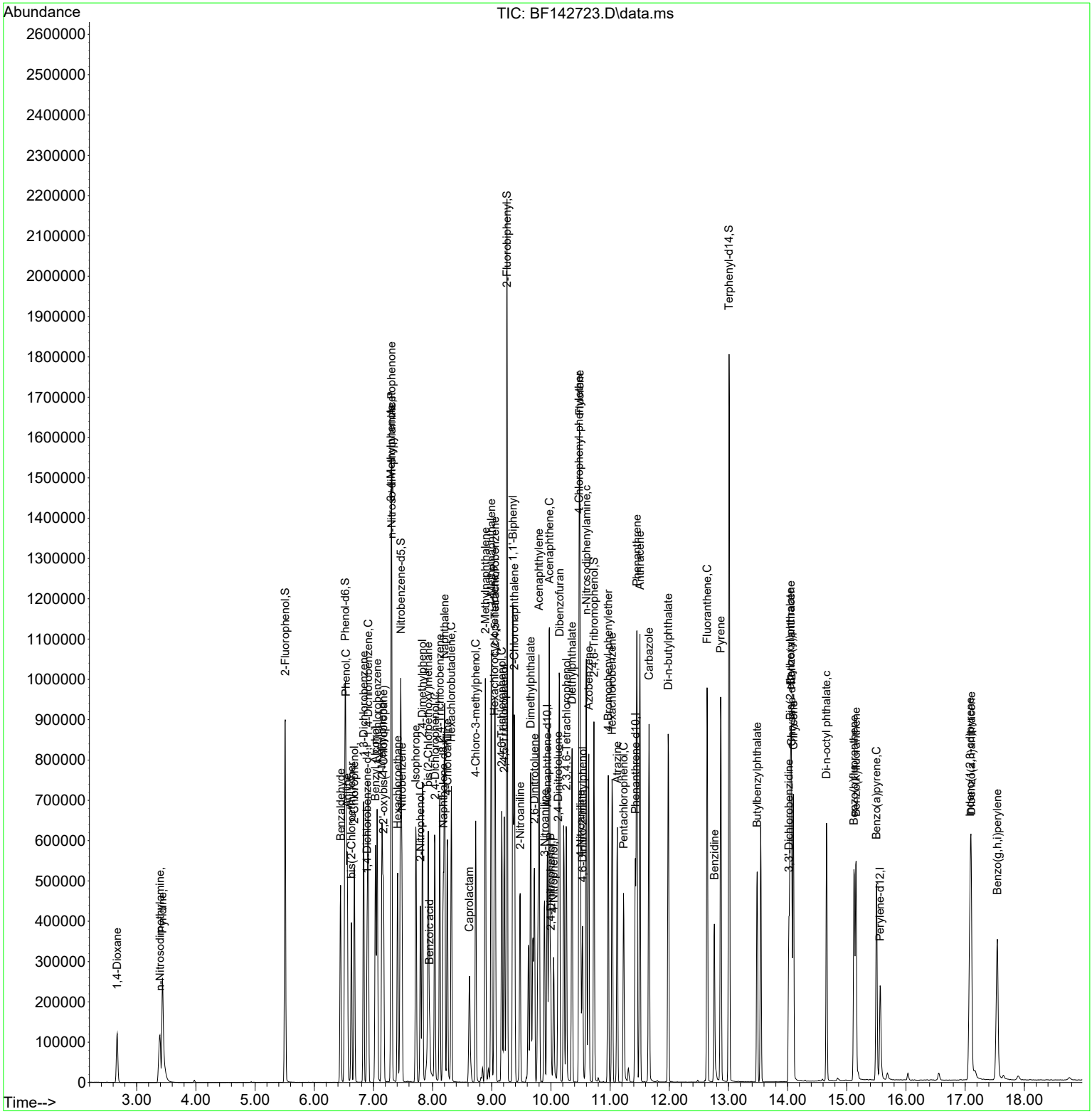
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	135988	39.033	ng		99
46) 1,1'-Biphenyl	9.357	154	522058	39.049	ng		100
47) 2-Chloronaphthalene	9.380	162	390352	39.632	ng		100
48) 2-Nitroaniline	9.480	65	112135	40.029	ng		96
49) Acenaphthylene	9.798	152	651104	39.206	ng		99
50) Dimethylphthalate	9.657	163	456082	39.669	ng		100
51) 2,6-Dinitrotoluene	9.722	165	98186	39.514	ng		96
52) Acenaphthene	9.975	154	403723	39.208	ng		99
53) 3-Nitroaniline	9.892	138	106252	39.423	ng		97
54) 2,4-Dinitrophenol	9.998	184	54702	40.188	ng		90
55) Dibenzofuran	10.145	168	575927	39.278	ng		99
56) 4-Nitrophenol	10.045	139	73907	40.432	ng		98
57) 2,4-Dinitrotoluene	10.122	165	135035	41.102	ng		99
58) Fluorene	10.486	166	447860	38.679	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	115317	39.344	ng		100
60) Diethylphthalate	10.357	149	454002	39.823	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	224135	39.637	ng		99
62) 4-Nitroaniline	10.504	138	99888	41.427	ng		99
63) Azobenzene	10.639	77	400645	40.239	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	72521	39.770	ng		97
66) n-Nitrosodiphenylamine	10.598	169	388235	38.788	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	135412	39.397	ng		98
68) Hexachlorobenzene	11.033	284	148372	38.888	ng		99
69) Atrazine	11.122	200	111926	41.943	ng		98
70) Pentachlorophenol	11.227	266	80252	40.127	ng		96
71) Phenanthrene	11.451	178	607696	38.955	ng		100
72) Anthracene	11.504	178	622981	38.603	ng		100
73) Carbazole	11.657	167	536095	39.681	ng		99
74) Di-n-butylphthalate	11.980	149	641208	42.505	ng		99
75) Fluoranthene	12.639	202	592143	39.918	ng		99
77) Benzidine	12.763	184	252286	46.769	ng		99
78) Pyrene	12.868	202	576896	40.985	ng		100
80) Butylbenzylphthalate	13.486	149	178350	42.848	ng		99
81) Benzo(a)anthracene	14.057	228	402953	40.146	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	123235	38.074	ng		99
83) Chrysene	14.098	228	353764	38.175	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	248697	39.812	ng	#	99
85) Di-n-octyl phthalate	14.657	149	454287	37.906	ng		100
87) Indeno(1,2,3-cd)pyrene	17.086	276	434462	40.517	ng		100
88) Benzo(b)fluoranthene	15.121	252	344883	40.478	ng		99
89) Benzo(k)fluoranthene	15.157	252	327636	39.633	ng		100
90) Benzo(a)pyrene	15.504	252	321736	39.716	ng		99
91) Dibenzo(a,h)anthracene	17.104	278	358984	41.000	ng		98
92) Benzo(g,h,i)perylene	17.545	276	346114	39.753	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration



Sample Results: **BF142723.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	106	0.00
2		1,4-Dioxane	0.465	0.450	3.2	105	0.01
3		Pyridine	1.165	1.163	0.2	106	0.00
4		n-Nitrosodimethylamine	0.596	0.590	1.0	106	0.01
5	S	2-Fluorophenol	1.174	1.141	2.8	104	0.00
6		Aniline	1.850	1.833	0.9	105	0.00
7	S	Phenol-d6	1.382	1.367	1.1	105	0.00
8		2-Chlorophenol	1.283	1.259	1.9	103	0.00
9		Benzaldehyde	0.856	0.818	4.4	103	0.00
10	C	Phenol	1.536	1.528	0.5	106	0.00
11		bis(2-Chloroethyl)ether	1.147	1.136	1.0	106	0.00
12		1,3-Dichlorobenzene	1.465	1.430	2.4	104	0.00
13	C	1,4-Dichlorobenzene	1.480	1.451	2.0	106	0.00
14		1,2-Dichlorobenzene	1.419	1.384	2.5	104	0.00
15		Benzyl Alcohol	1.045	1.056	-1.1	105	0.00
16		2,2'-oxybis(1-Chloropropane	1.806	1.799	0.4	105	0.00
17		2-Methylphenol	0.984	0.985	-0.1	105	0.00
18		Hexachloroethane	0.530	0.508	4.2	103	0.00
19	P	n-Nitroso-di-n-propylamine	0.880	0.889	-1.0	107	0.00
20		3+4-Methylphenols	1.240	1.242	-0.2	106	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22		Acetophenone	0.445	0.431	3.1	104	0.00
23	S	Nitrobenzene-d5	0.365	0.358	1.9	105	0.00
24		Nitrobenzene	0.324	0.320	1.2	105	0.00
25		Isophorone	0.619	0.614	0.8	107	0.00
26	C	2-Nitrophenol	0.181	0.182	-0.6	105	0.00
27		2,4-Dimethylphenol	0.308	0.305	1.0	105	0.00
28		bis(2-Chloroethoxy)methane	0.384	0.380	1.0	105	0.00
29	C	2,4-Dichlorophenol	0.284	0.284	0.0	106	0.00
30		1,2,4-Trichlorobenzene	0.314	0.307	2.2	105	0.00
31		Naphthalene	0.989	0.976	1.3	105	0.00
32		Benzoic acid	0.174	0.176	-1.1	106	0.00
33		4-Chloroaniline	0.397	0.399	-0.5	105	0.00
34	C	Hexachlorobutadiene	0.200	0.197	1.5	105	0.00
35		Caprolactam	0.077	0.080	-3.9	112	0.00
36	C	4-Chloro-3-methylphenol	0.296	0.295	0.3	107	0.00
37		2-Methylnaphthalene	0.626	0.619	1.1	105	0.00
38		1-Methylnaphthalene	0.649	0.644	0.8	107	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	105	0.00
40		1,2,4,5-Tetrachlorobenzene	0.579	0.567	2.1	105	0.00
41	P	Hexachlorocyclopentadiene	0.372	0.369	0.8	104	0.00
42	S	2,4,6-Tribromophenol	0.219	0.218	0.5	108	0.00
43	C	2,4,6-Trichlorophenol	0.375	0.381	-1.6	108	0.00
44		2,4,5-Trichlorophenol	0.405	0.395	2.5	104	0.00
45	S	2-Fluorobiphenyl	1.505	1.452	3.5	106	0.00
46		1,1'-Biphenyl	1.553	1.516	2.4	106	0.00
47		2-Chloronaphthalene	1.144	1.134	0.9	107	0.00

Sample Results: **BF142723.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	0.325	0.326	-0.3	106	0.00
49		Acenaphthylene	1.929	1.891	2.0	106	0.00
50		Dimethylphthalate	1.336	1.325	0.8	108	0.00
51		2,6-Dinitrotoluene	0.289	0.285	1.4	106	0.00
52	C	Acenaphthene	1.196	1.172	2.0	106	0.00
53		3-Nitroaniline	0.313	0.309	1.3	106	0.00
54	P	2,4-Dinitrophenol	0.158	0.159	-0.6	107	0.00
55		Dibenzofuran	1.703	1.673	1.8	107	0.00
56	P	4-Nitrophenol	0.212	0.215	-1.4	108	0.00
57		2,4-Dinitrotoluene	0.382	0.392	-2.6	110	0.00
58		Fluorene	1.345	1.301	3.3	107	0.00
59		2,3,4,6-Tetrachlorophenol	0.340	0.335	1.5	108	0.00
60		Diethylphthalate	1.324	1.318	0.5	111	0.00
61		4-Chlorophenyl-phenylether	0.657	0.651	0.9	108	0.00
62		4-Nitroaniline	0.280	0.290	-3.6	113	0.00
63		Azobenzene	1.157	1.164	-0.6	110	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.125	0.0	108	0.00
66	c	n-Nitrosodiphenylamine	0.687	0.667	2.9	108	0.00
67		4-Bromophenyl-phenylether	0.236	0.233	1.3	109	0.00
68		Hexachlorobenzene	0.262	0.255	2.7	108	0.00
69		Atrazine	0.183	0.192	-4.9	116	0.00
70	C	Pentachlorophenol	0.137	0.138	-0.7	107	0.00
71		Phenanthrene	1.071	1.043	2.6	109	0.00
72		Anthracene	1.108	1.070	3.4	109	0.00
73		Carbazole	0.928	0.921	0.8	111	0.00
74		Di-n-butylphthalate	1.036	1.101	-6.3	119	0.00
75	C	Fluoranthene	1.019	1.017	0.2	114	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	114	0.00
77		Benzidine	0.712	0.833	-17.0	118	0.00
78		Pyrene	1.859	1.904	-2.4	115	0.00
79	S	Terphenyl-d14	1.456	1.502	-3.2	117	0.00
80		Butylbenzylphthalate	0.550	0.589	-7.1	115	0.00
81		Benzo(a)anthracene	1.325	1.330	-0.4	112	0.00
82		3,3'-Dichlorobenzidine	0.427	0.407	4.7	105	0.00
83		Chrysene	1.224	1.168	4.6	113	0.00
84		Bis(2-ethylhexyl)phthalate	0.825	0.821	0.5	104	0.00
85	c	Di-n-octyl phthalate	1.582	1.500	5.2	102	0.00
86	I	Perylene-d12	1.000	1.000	0.0	98	0.00
87		Indeno(1,2,3-cd)pyrene	1.482	1.501	-1.3	98	0.00
88		Benzo(b)fluoranthene	1.178	1.192	-1.2	101	0.00
89		Benzo(k)fluoranthene	1.143	1.132	1.0	103	0.00
90	C	Benzo(a)pyrene	1.120	1.112	0.7	99	0.00
91		Dibenzo(a,h)anthracene	1.210	1.240	-2.5	99	0.00
92		Benzo(g,h,i)perylene	1.203	1.196	0.6	97	0.00

Sample Results: **BF142723.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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

Sample Results: **BF142723.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	106	0.00
2		1,4-Dioxane	40.000	38.713	3.2	105	0.01
3		Pyridine	40.000	39.912	0.2	106	0.00
4		n-Nitrosodimethylamine	40.000	39.551	1.1	106	0.01
5	S	2-Fluorophenol	80.000	77.718	2.9	104	0.00
6		Aniline	40.000	39.637	0.9	105	0.00
7	S	Phenol-d6	80.000	79.151	1.1	105	0.00
8		2-Chlorophenol	40.000	39.234	1.9	103	0.00
9		Benzaldehyde	40.000	38.249	4.4	103	0.00
10	C	Phenol	40.000	39.780	0.5	106	0.00
11		bis(2-Chloroethyl)ether	40.000	39.588	1.0	106	0.00
12		1,3-Dichlorobenzene	40.000	39.044	2.4	104	0.00
13	C	1,4-Dichlorobenzene	40.000	39.202	2.0	106	0.00
14		1,2-Dichlorobenzene	40.000	39.017	2.5	104	0.00
15		Benzyl Alcohol	40.000	40.433	-1.1	105	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.836	0.4	105	0.00
17		2-Methylphenol	40.000	40.048	-0.1	105	0.00
18		Hexachloroethane	40.000	38.325	4.2	103	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.427	-1.1	107	0.00
20		3+4-Methylphenols	40.000	40.057	-0.1	106	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22		Acetophenone	40.000	38.775	3.1	104	0.00
23	S	Nitrobenzene-d5	80.000	78.292	2.1	105	0.00
24		Nitrobenzene	40.000	39.438	1.4	105	0.00
25		Isophorone	40.000	39.677	0.8	107	0.00
26	C	2-Nitrophenol	40.000	40.193	-0.5	105	0.00
27		2,4-Dimethylphenol	40.000	39.530	1.2	105	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.595	1.0	105	0.00
29	C	2,4-Dichlorophenol	40.000	39.892	0.3	106	0.00
30		1,2,4-Trichlorobenzene	40.000	39.027	2.4	105	0.00
31		Naphthalene	40.000	39.461	1.3	105	0.00
32		Benzoic acid	40.000	40.520	-1.3	106	0.00
33		4-Chloroaniline	40.000	40.198	-0.5	105	0.00
34	C	Hexachlorobutadiene	40.000	39.386	1.5	105	0.00
35		Caprolactam	40.000	41.553	-3.9	112	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.954	0.1	107	0.00
37		2-Methylnaphthalene	40.000	39.561	1.1	105	0.00
38		1-Methylnaphthalene	40.000	39.691	0.8	107	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	105	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.191	2.0	105	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.734	0.7	104	0.00
42	S	2,4,6-Tribromophenol	80.000	79.661	0.4	108	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.688	-1.7	108	0.00
44		2,4,5-Trichlorophenol	40.000	39.033	2.4	104	0.00
45	S	2-Fluorobiphenyl	80.000	77.182	3.5	106	0.00
46		1,1'-Biphenyl	40.000	39.049	2.4	106	0.00
47		2-Chloronaphthalene	40.000	39.632	0.9	107	0.00

Sample Results: **BF142723.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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	40.029	-0.1	106	0.00
49		Acenaphthylene	40.000	39.206	2.0	106	0.00
50		Dimethylphthalate	40.000	39.669	0.8	108	0.00
51		2,6-Dinitrotoluene	40.000	39.514	1.2	106	0.00
52	C	Acenaphthene	40.000	39.208	2.0	106	0.00
53		3-Nitroaniline	40.000	39.423	1.4	106	0.00
54	P	2,4-Dinitrophenol	40.000	40.188	-0.5	107	0.00
55		Dibenzofuran	40.000	39.278	1.8	107	0.00
56	P	4-Nitrophenol	40.000	40.432	-1.1	108	0.00
57		2,4-Dinitrotoluene	40.000	41.102	-2.8	110	0.00
58		Fluorene	40.000	38.679	3.3	107	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.344	1.6	108	0.00
60		Diethylphthalate	40.000	39.823	0.4	111	0.00
61		4-Chlorophenyl-phenylether	40.000	39.637	0.9	108	0.00
62		4-Nitroaniline	40.000	41.427	-3.6	113	0.00
63		Azobenzene	40.000	40.239	-0.6	110	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.770	0.6	108	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.788	3.0	108	0.00
67		4-Bromophenyl-phenylether	40.000	39.397	1.5	109	0.00
68		Hexachlorobenzene	40.000	38.888	2.8	108	0.00
69		Atrazine	40.000	41.943	-4.9	116	0.00
70	C	Pentachlorophenol	40.000	40.127	-0.3	107	0.00
71		Phenanthrene	40.000	38.955	2.6	109	0.00
72		Anthracene	40.000	38.603	3.5	109	0.00
73		Carbazole	40.000	39.681	0.8	111	0.00
74		Di-n-butylphthalate	40.000	42.505	-6.3	119	0.00
75	C	Fluoranthene	40.000	39.918	0.2	114	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	114	0.00
77		Benzidine	40.000	46.769	-16.9	118	0.00
78		Pyrene	40.000	40.985	-2.5	115	0.00
79	S	Terphenyl-d14	80.000	82.504	-3.1	117	0.00
80		Butylbenzylphthalate	40.000	42.848	-7.1	115	0.00
81		Benzo(a)anthracene	40.000	40.146	-0.4	112	0.00
82		3,3'-Dichlorobenzidine	40.000	38.074	4.8	105	0.00
83		Chrysene	40.000	38.175	4.6	113	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.812	0.5	104	0.00
85	c	Di-n-octyl phthalate	40.000	37.906	5.2	102	0.00
86	I	Perylene-d12	20.000	20.000	0.0	98	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.517	-1.3	98	0.00
88		Benzo(b)fluoranthene	40.000	40.478	-1.2	101	0.00
89		Benzo(k)fluoranthene	40.000	39.633	0.9	103	0.00
90	C	Benzo(a)pyrene	40.000	39.716	0.7	99	0.00
91		Dibenzo(a,h)anthracene	40.000	41.000	-2.5	99	0.00
92		Benzo(g,h,i)perylene	40.000	39.753	0.6	97	0.00

Sample Results: **BF142723.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 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

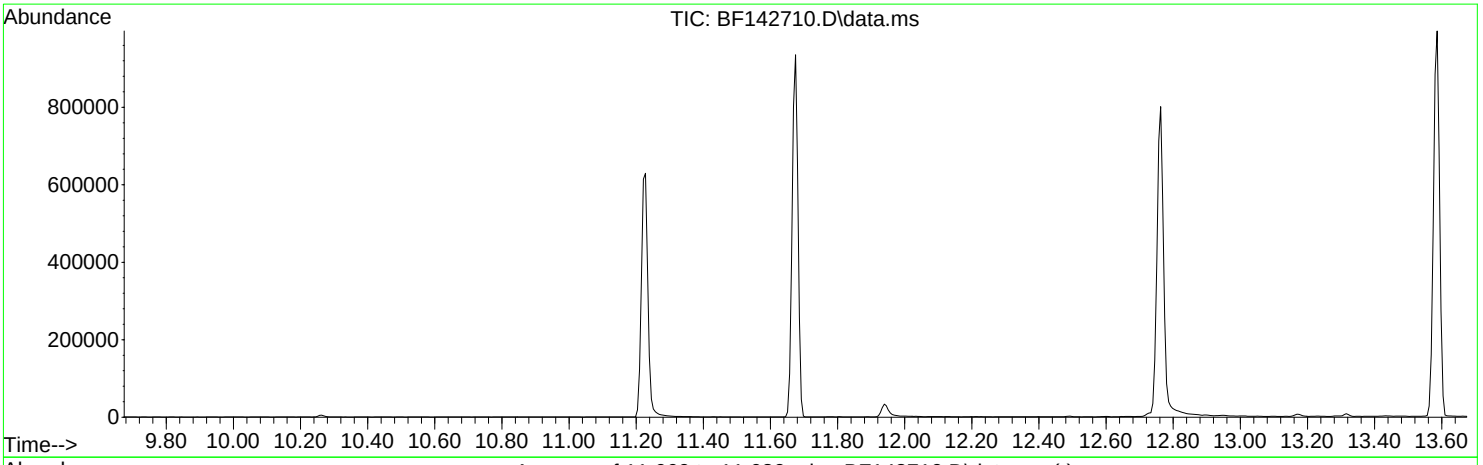
Sample Results: **BF142710.D**

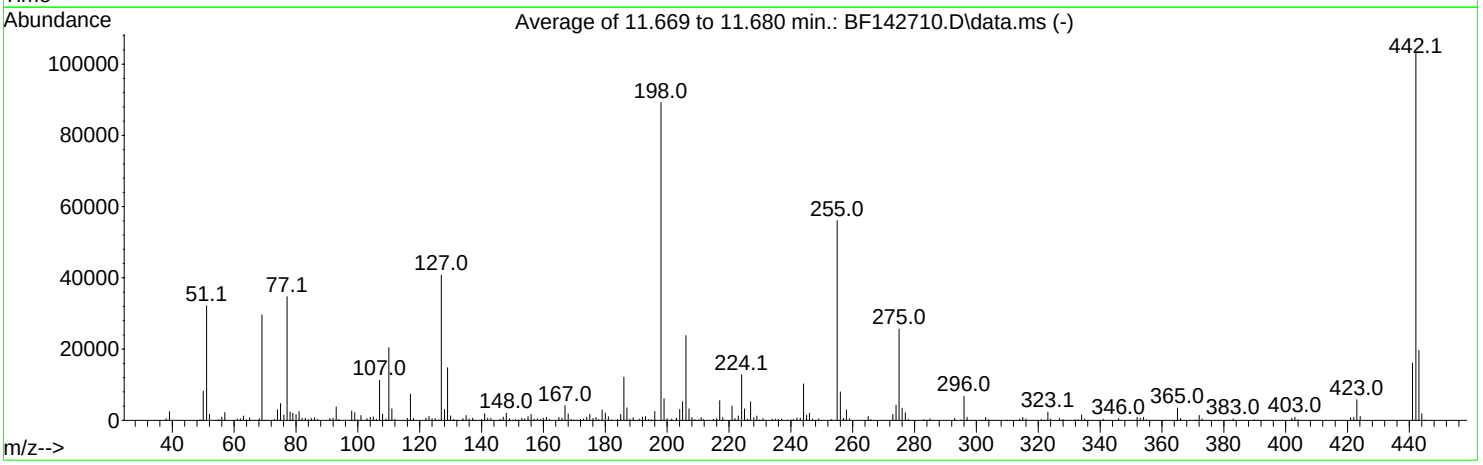
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142710.D
Acq On : 10 Jun 2025 15:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 11 05:56:09 2025





AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1605

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.0	32160	PASS
68	69	0.00	2	1.7	514	PASS
69	198	0.00	100	33.2	29603	PASS
70	69	0.00	2	0.2	55	PASS
127	198	10	80	45.7	40781	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	89240	PASS
199	198	5	9	6.8	6083	PASS
275	198	10	60	28.7	25613	PASS
365	198	1	100	3.9	3449	PASS
441	198	0.01	100	18.0	16079	PASS
442	442	50	100	100.0	103267	PASS
443	442	15	24	19.0	19634	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/11/2025	BNA_F	BF142710.D
Compound Name	**Response**	**Retention Time**
DDT	258255	13.586
DDD	3816	13.316
DDE	597	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
4413	262668	1.68

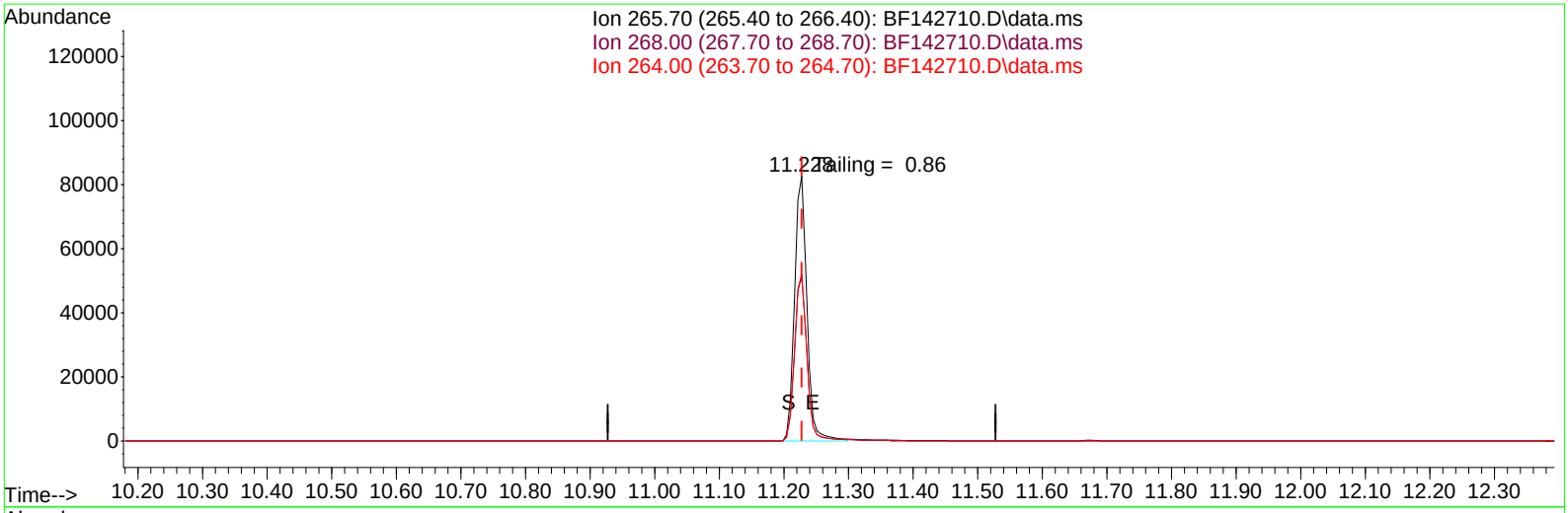
Instrument :
BNA_F
ClientSampleId :
DFTPP

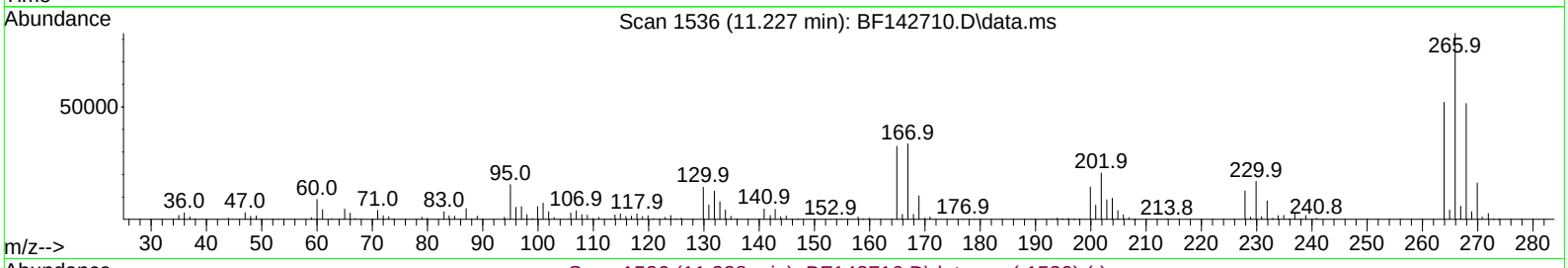
Sample Results: **BF142710.D**

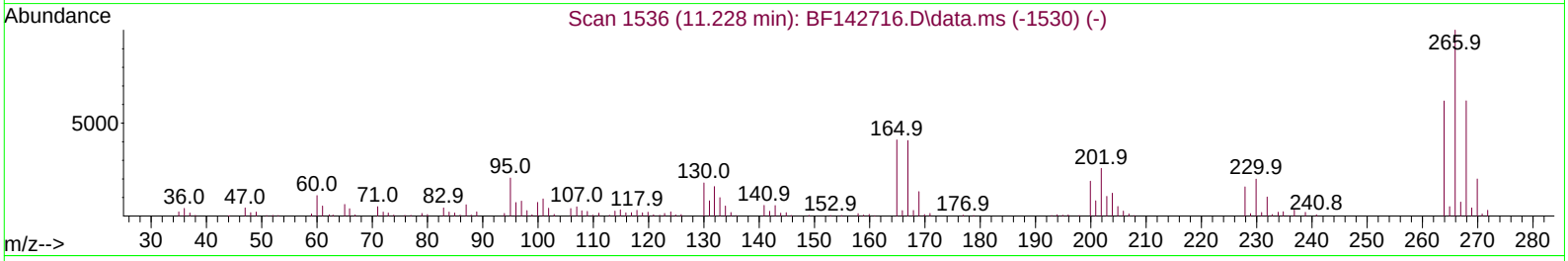
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142710.D
Acq On : 10 Jun 2025 15:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 11 06:08:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration







TIC: BF142710.D\data.ms

(70) Pentachlorophenol (C)

11.227min (-0.000) 33796.57 ng

response 112116

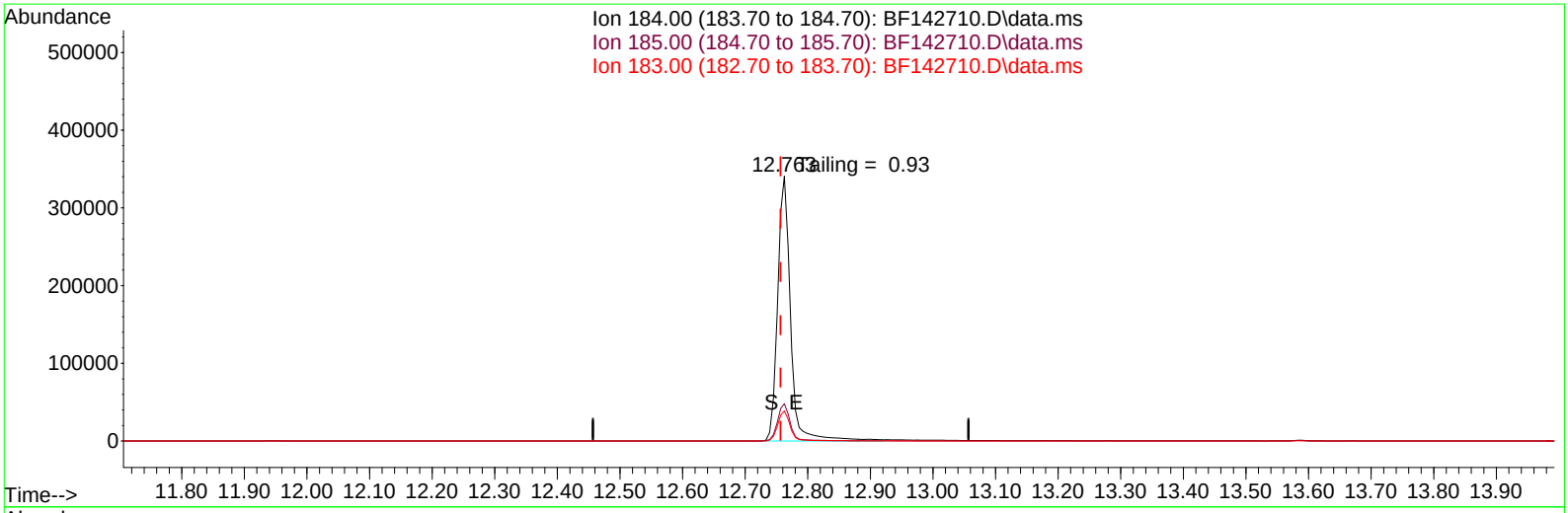
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.00	62.35
264.00	61.90	62.95
0.00	0.00	0.00

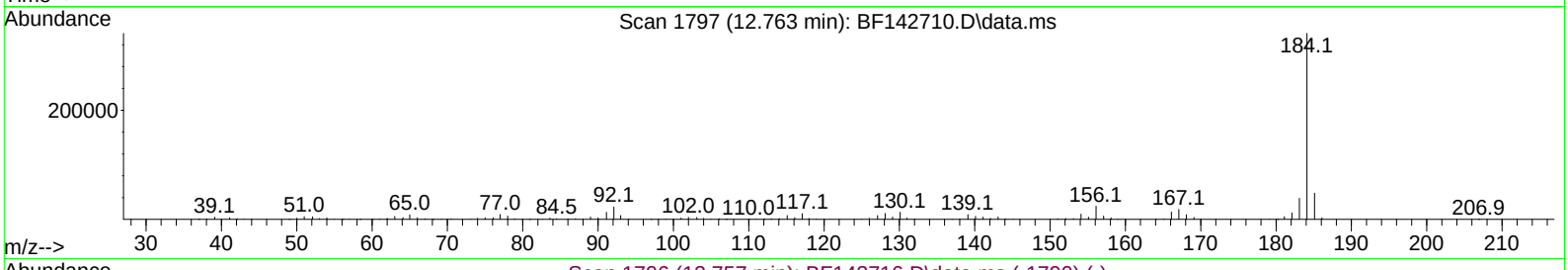
Sample Results: **BF142710.D**

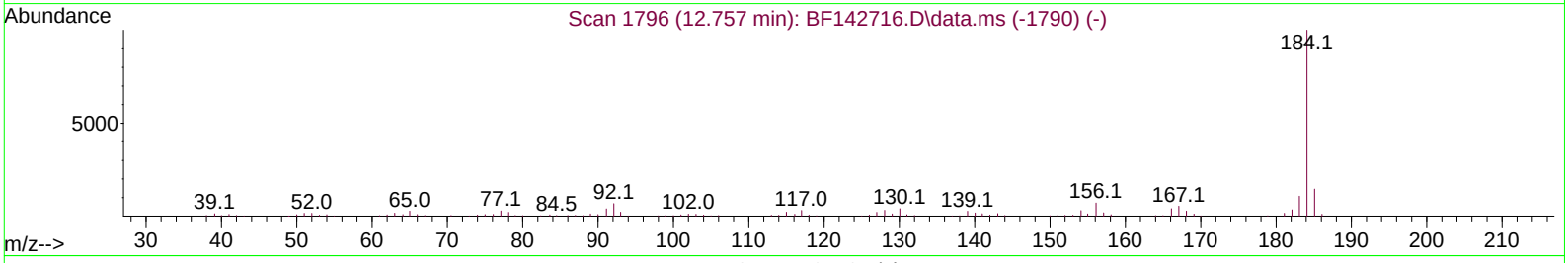
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142710.D
Acq On : 10 Jun 2025 15:42
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 11 06:08:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration







TIC: BF142710.D\data.ms

(77) Benzidine

12.763min (+ 0.006) 0.00 ng

response 494727

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.07
183.00	10.70	11.33
0.00	0.00	0.00

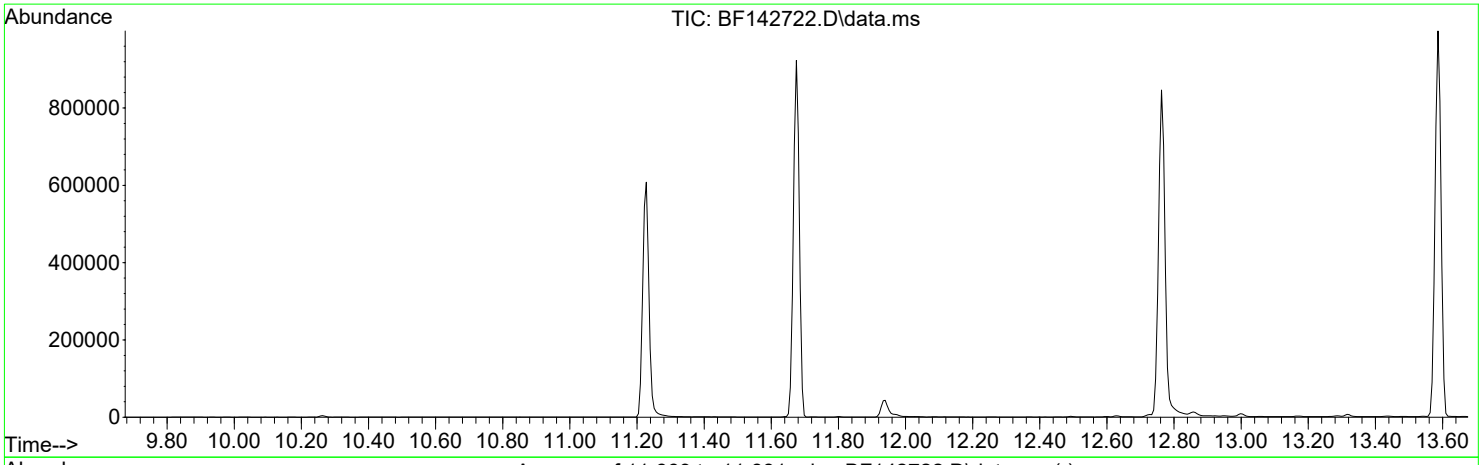
Sample Results: **BF142722.D**

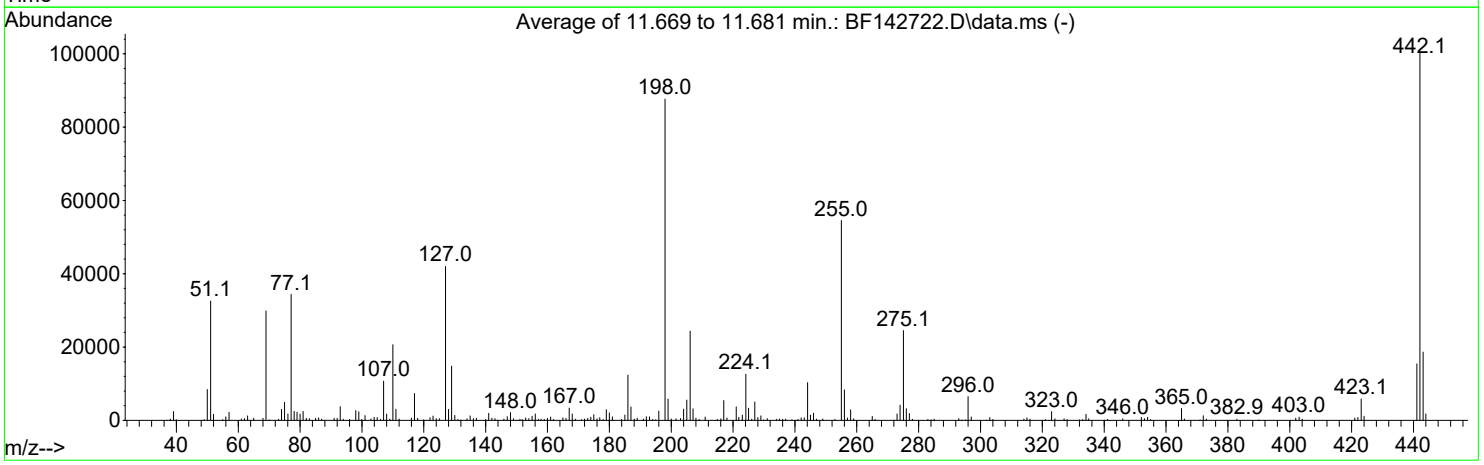
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142722.D
Acq On : 11 Jun 2025 08:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 11 05:56:09 2025





AutoFind: Scans 1611, 1612, 1613; Background Corrected with Scan 1605

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	37.2	32576	PASS
68	69	0.00	2	1.9	580	PASS
69	198	0.00	100	34.1	29851	PASS
70	69	0.00	2	0.4	124	PASS
127	198	10	80	47.9	41997	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	87651	PASS
199	198	5	9	6.6	5826	PASS
275	198	10	60	27.9	24485	PASS
365	198	1	100	3.7	3221	PASS
441	198	0.01	100	17.6	15408	PASS
442	442	50	100	100.0	100365	PASS
443	442	15	24	18.6	18630	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
6/11/2025	BNA_F	BF142722.D
Compound Name	**Response**	**Retention Time**
DDT	254780	13.586
DDD	3377	13.316
DDE	546	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
3923	258703	1.52

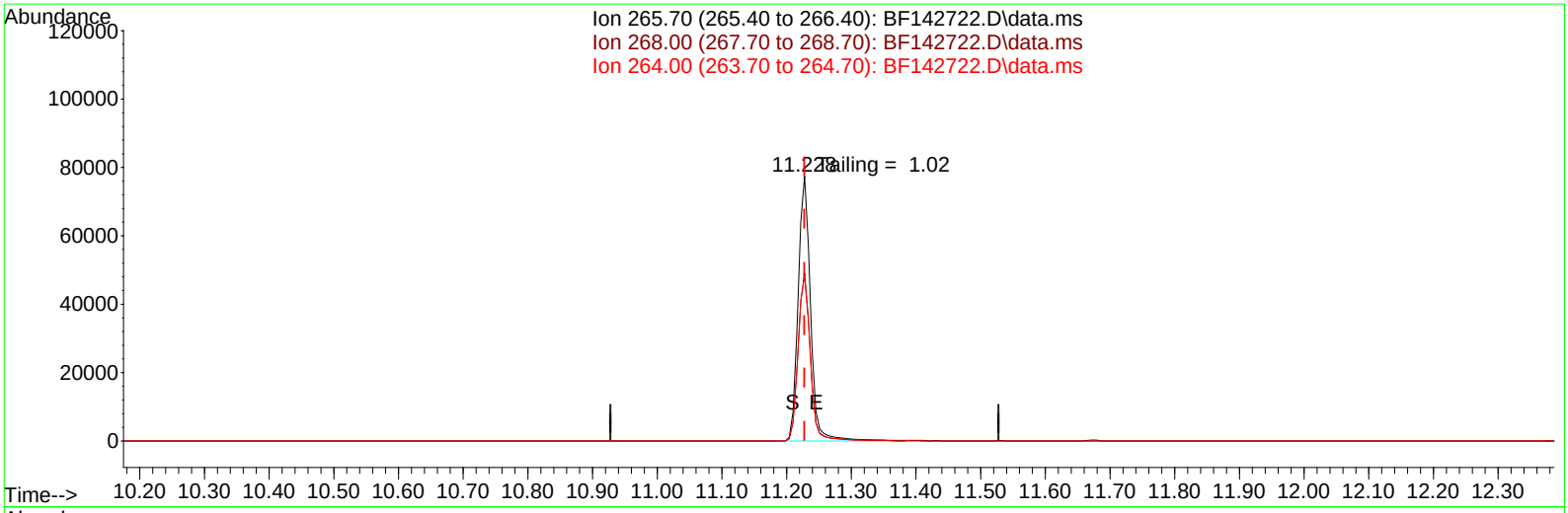
Instrument :
BNA_F
ClientSampleId :
DFTPP

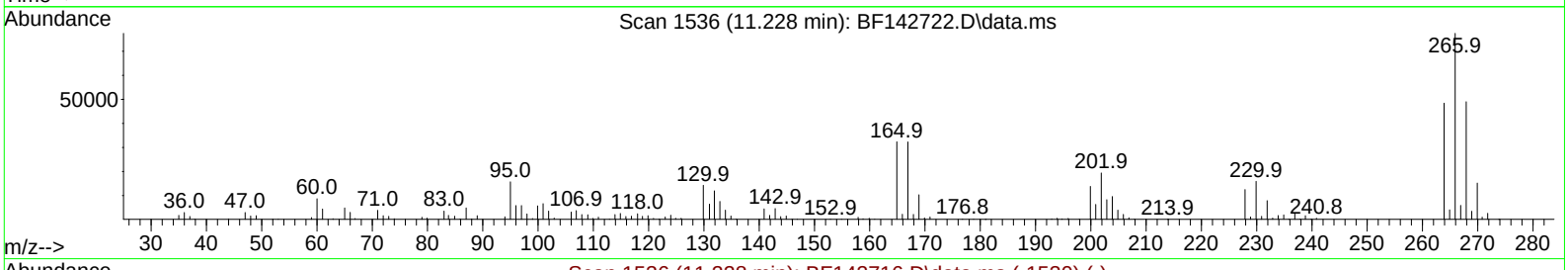
Sample Results: **BF142722.D**

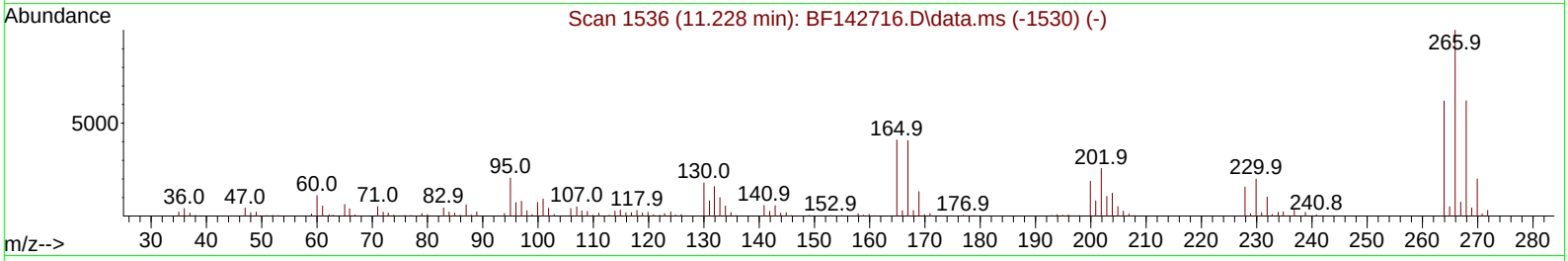
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142722.D
Acq On : 11 Jun 2025 08:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 11 11:00:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration







TIC: BF142722.D\data.ms

(70) Pentachlorophenol (C)

11.228min (+ 0.000) 36233.28 ng

response 103277

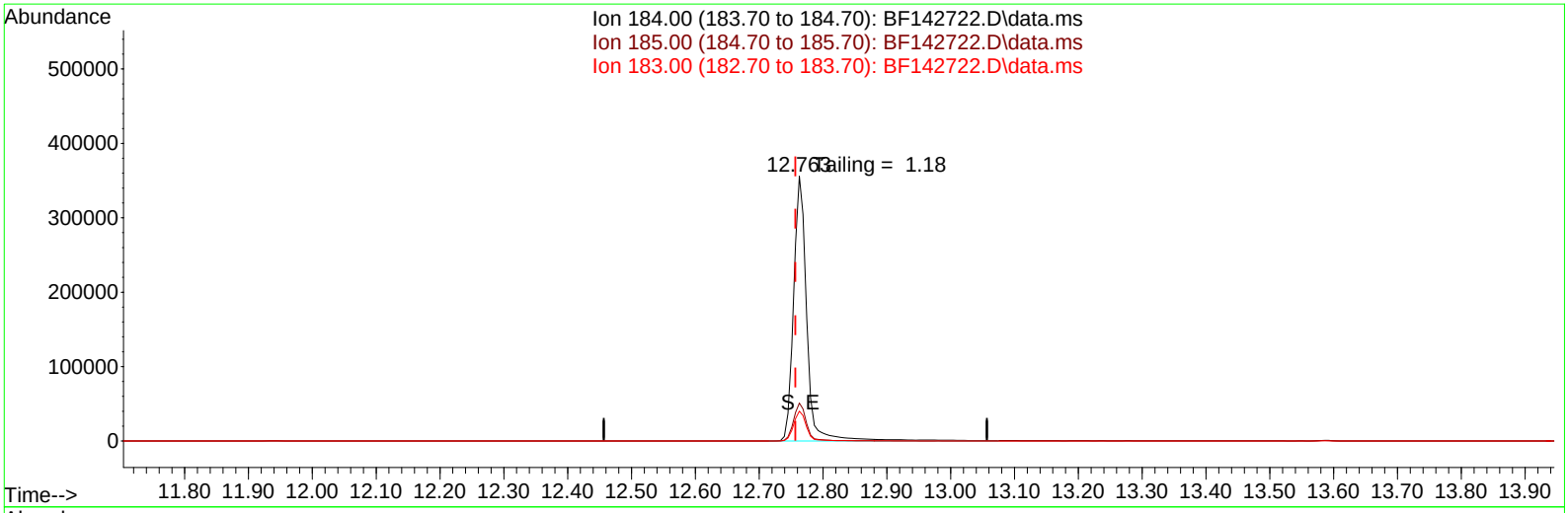
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.00	63.33
264.00	61.90	62.55
0.00	0.00	0.00

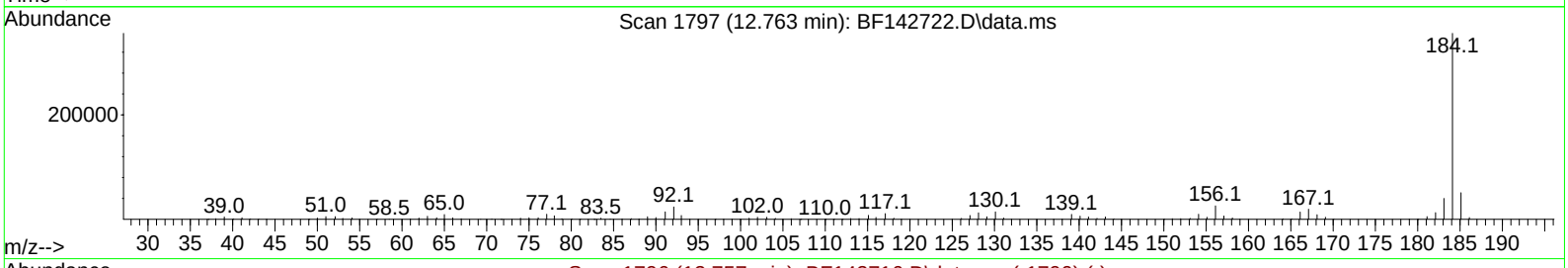
Sample Results: **BF142722.D**

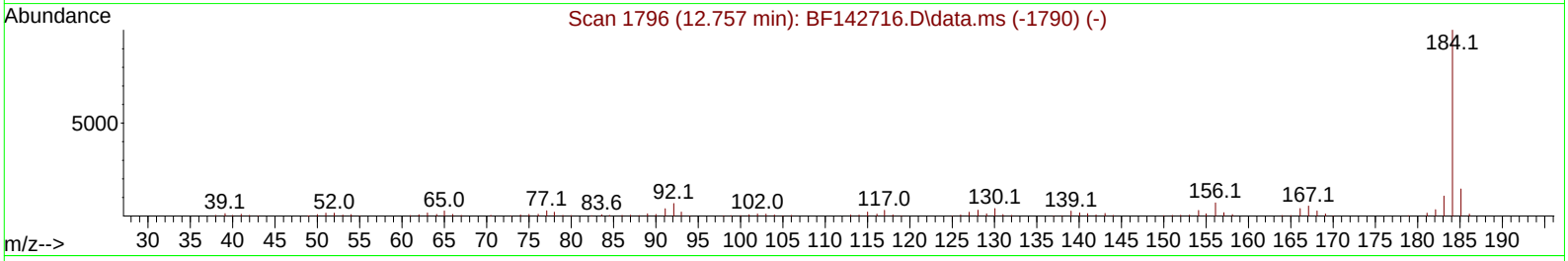
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142722.D
Acq On : 11 Jun 2025 08:56
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jun 11 11:00:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration







TIC: BF142722.D\data.ms

(77) Benzidine

12.763min (+ 0.006) 11814.89 ng

response 510816

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.33
183.00	10.70	11.31
0.00	0.00	0.00

Raw Data: **BF142731.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB168378BL	SDG No.:	Q2264
Lab Sample ID:	PB168378BL	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142731.D	1	06/10/25 08:46	06/11/25 13:18	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	0.86	U	0.86	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	5.00	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
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.54	U	0.54	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L

Raw Data: **BF142731.D**

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

Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB168378BL			SDG No.:	Q2264
Lab Sample ID:	PB168378BL			Matrix:	Water
Analytical Method:	625.1			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142731.D	1	06/10/25 08:46	06/11/25 13:18	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
103-33-3	Azobenzene	0.81	U	0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	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
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
92-87-5	Benzidine	4.30	U	4.30	10.0	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	85.7		60 - 140	86%	SPK: 100
13127-88-3	Phenol-d6	86.0		60 - 140	86%	SPK: 100
4165-60-0	Nitrobenzene-d5	79.3		60 - 140	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.2		60 - 140	78%	SPK: 100

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

Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB168378BL			SDG No.:	Q2264
Lab Sample ID:	PB168378BL			Matrix:	Water
Analytical Method:	625.1			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142731.D	1	06/10/25 08:46	06/11/25 13:18	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.1		60 - 140	83%	SPK: 100
1718-51-0	Terphenyl-d14	80.4		60 - 140	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	74700	6.887			
1146-65-2	Naphthalene-d8	288000	8.175			
15067-26-2	Acenaphthene-d10	160000	9.934			
1517-22-2	Phenanthrene-d10	296000	11.422			
1719-03-5	Chrysene-d12	168000	14.063			
1520-96-3	Perylene-d12	142000	15.563			

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\BF061125\
Data File : BF142731.D
Acq On : 11 Jun 2025 13:18
Operator : RC/JU
Sample : PB168378BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168378BL

Quant Time: Jun 11 13:43:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

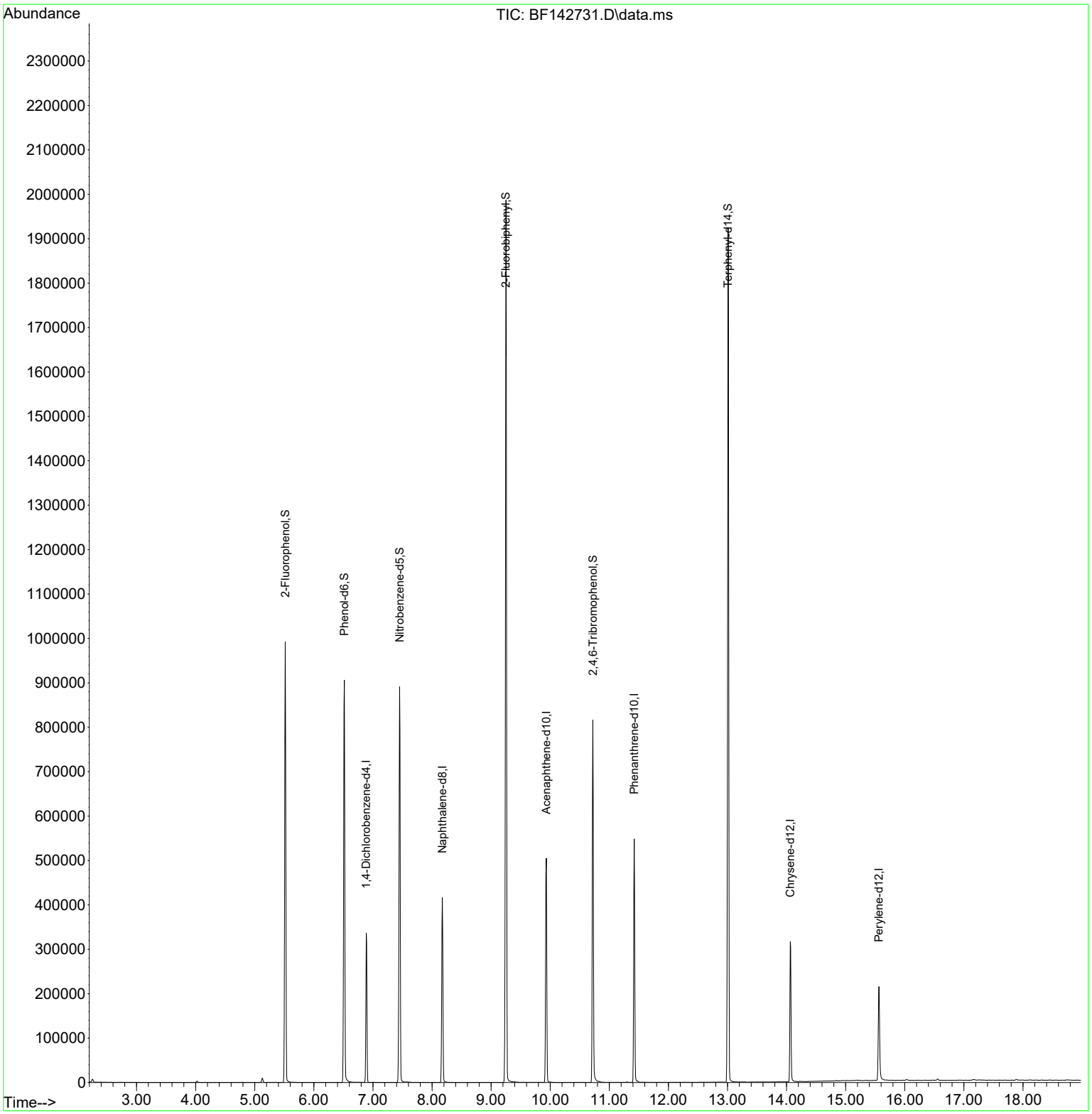
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	74692	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	287648	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	160376	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	295895	20.000	ng	0.00
76) Chrysene-d12	14.063	240	168179	20.000	ng	0.00
86) Perylene-d12	15.563	264	142470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	375634	85.653	ng	0.01
7) Phenol-d6	6.516	99	443888	86.006	ng	0.00
23) Nitrobenzene-d5	7.451	82	416859	79.311	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	145994	83.060	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	944326	78.228	ng	0.00
79) Terphenyl-d14	13.010	244	984688	80.415	ng	0.00
Target Compounds						Qvalue

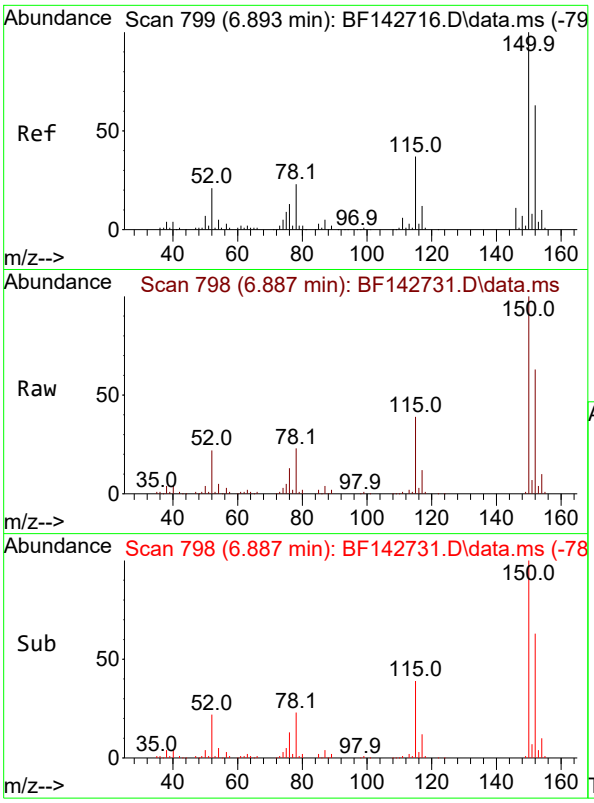
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142731.D
Acq On : 11 Jun 2025 13:18
Operator : RC/JU
Sample : PB168378BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168378BL

Quant Time: Jun 11 13:43:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration



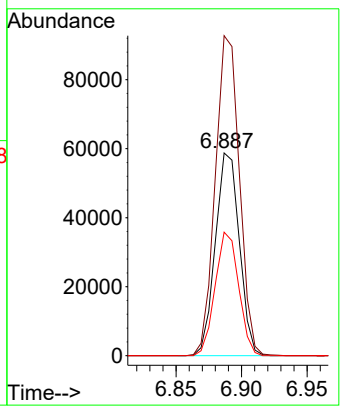


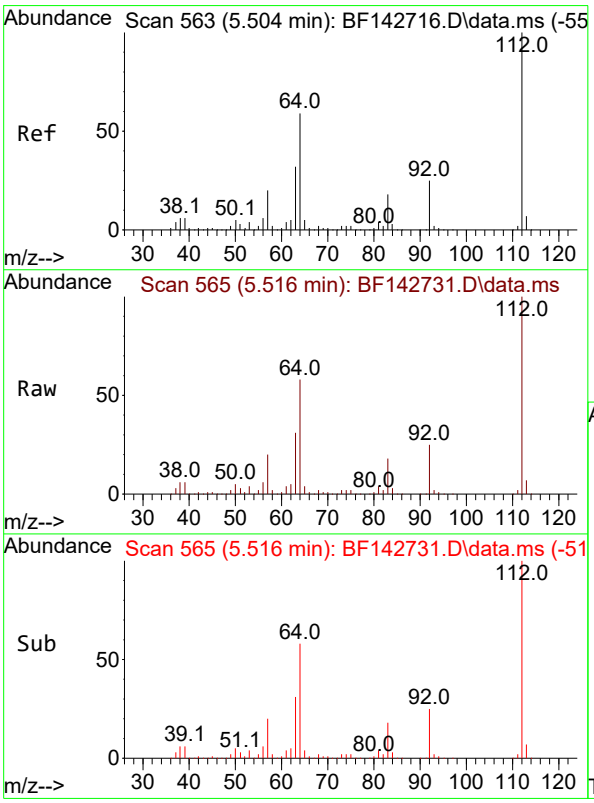
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Instrument :
BNA_F
ClientSampleId :
PB168378BL

Tgt Ion:152 Resp: 74692

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.9	190.3
115	60.9	47.0	70.6

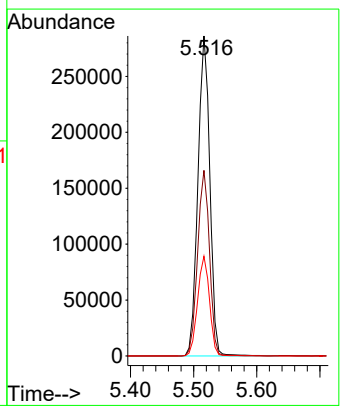


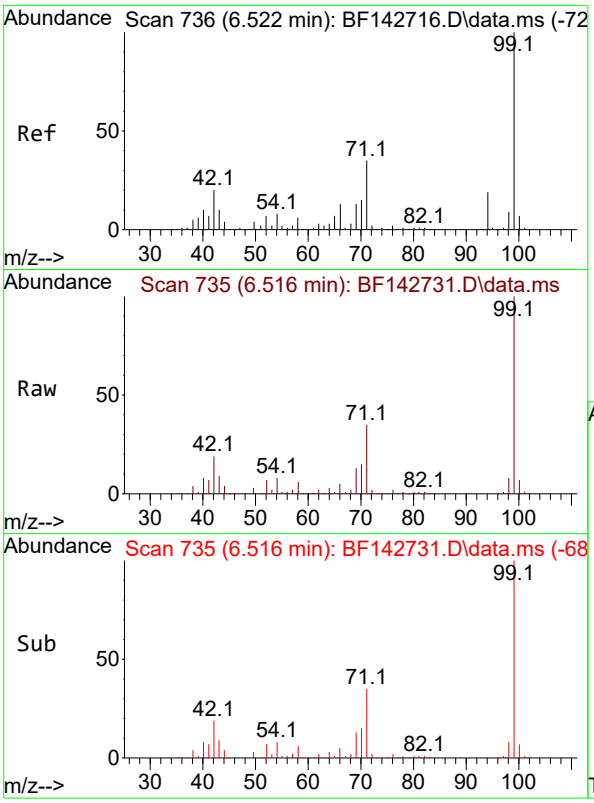


#5
2-Fluorophenol
Concen: 85.653 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Tgt Ion:112 Resp: 375634

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.4	71.2
63	31.1	25.4	38.0



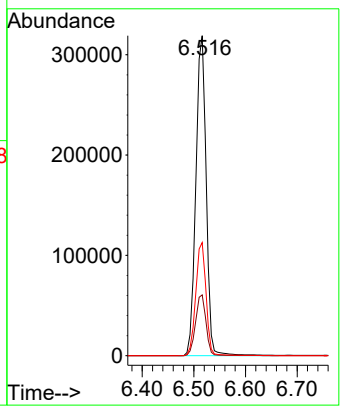


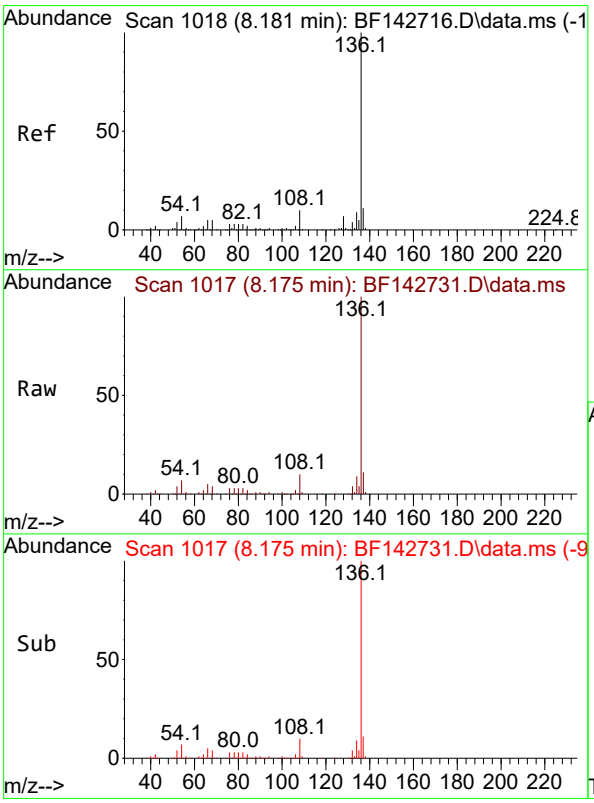
#7
Phenol-d6
Concen: 86.006 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Instrument :
BNA_F
ClientSampleId :
PB168378BL

Tgt Ion: 99 Resp: 443888

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.9	23.9
71	35.4	28.0	42.0

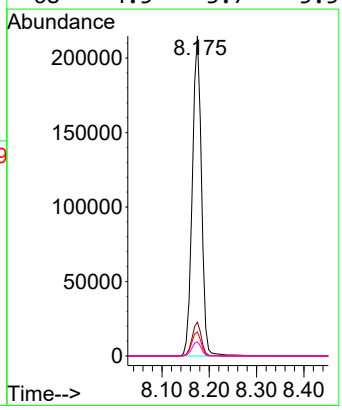


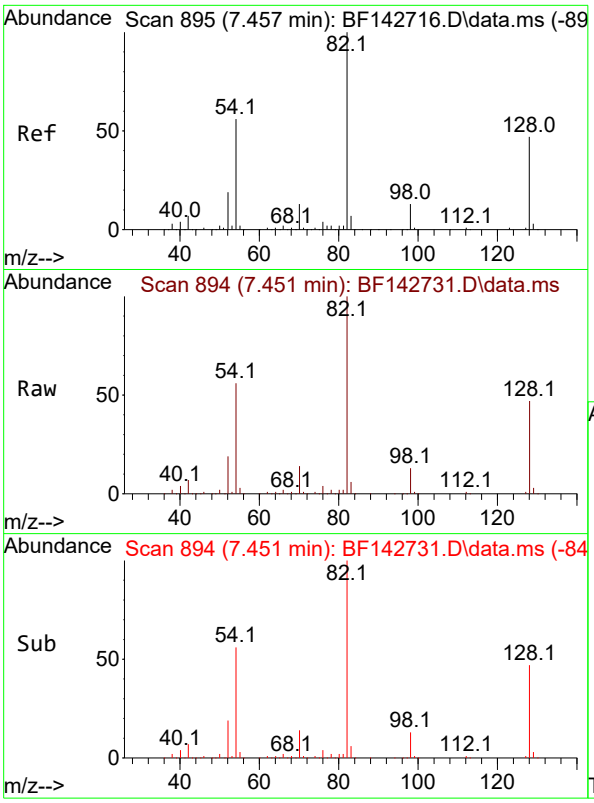


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Tgt Ion:136 Resp: 287648

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.5	5.9	8.9
68	4.5	3.7	5.5



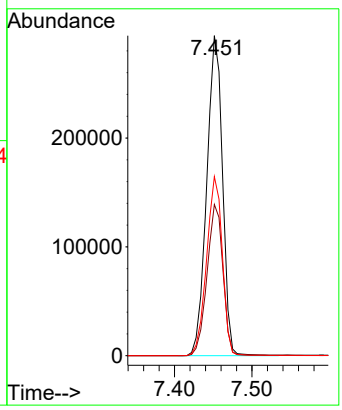


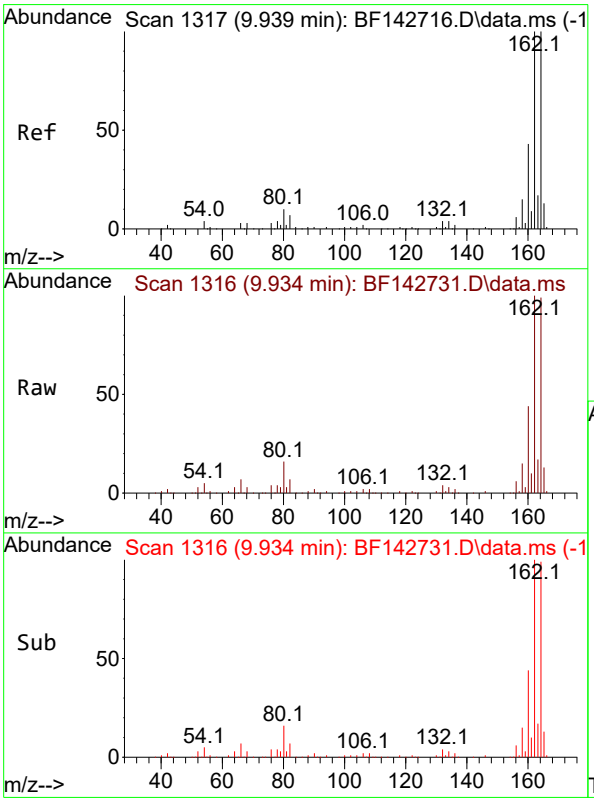
#23
Nitrobenzene-d5
Concen: 79.311 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Instrument :
BNA_F
ClientSampleId :
PB168378BL

Tgt Ion: 82 Resp: 416859

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.8	56.8
54	56.0	44.9	67.3

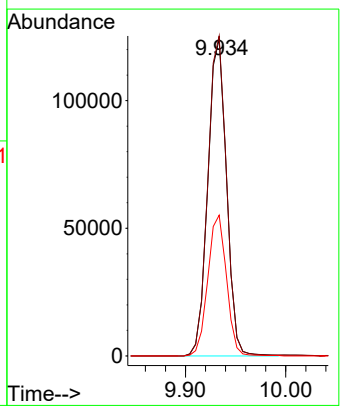


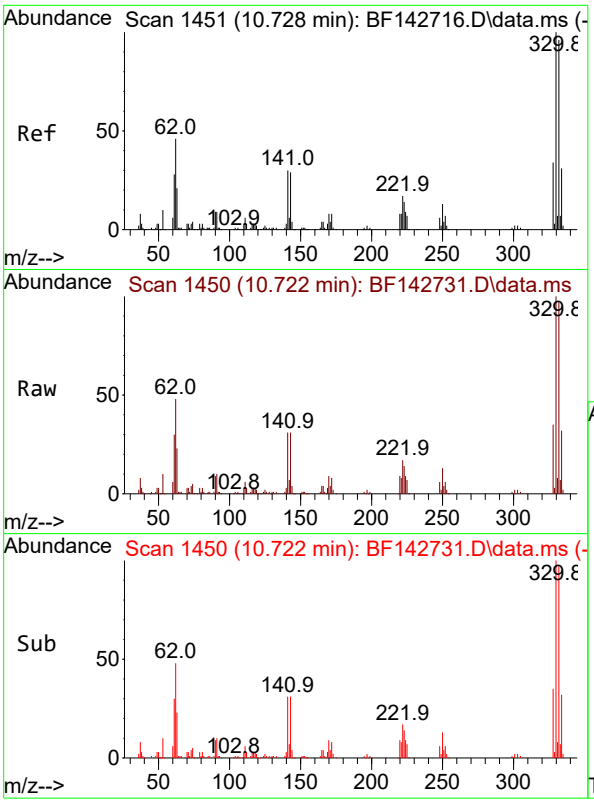


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Tgt Ion:164 Resp: 160376

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.9	119.9
160	44.4	34.8	52.2



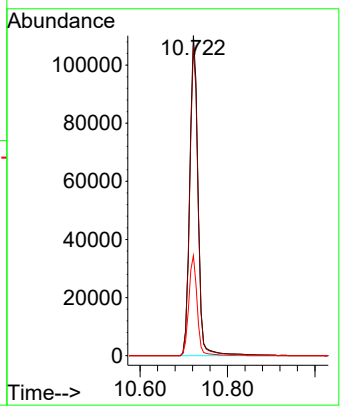


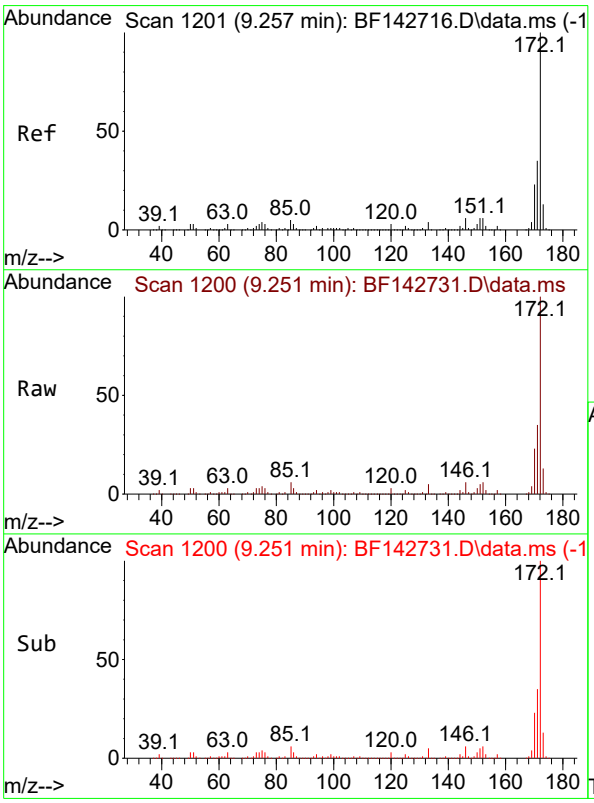
#42
2,4,6-Tribromophenol
Concen: 83.060 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Instrument :
BNA_F
ClientSampleId :
PB168378BL

Tgt Ion:330 Resp: 145994

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.1	25.4	38.0

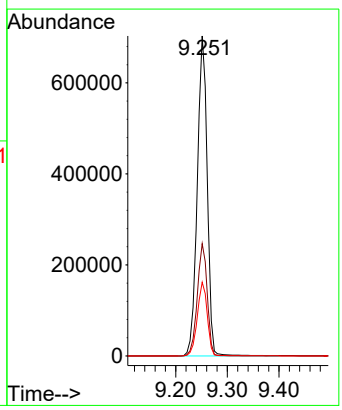


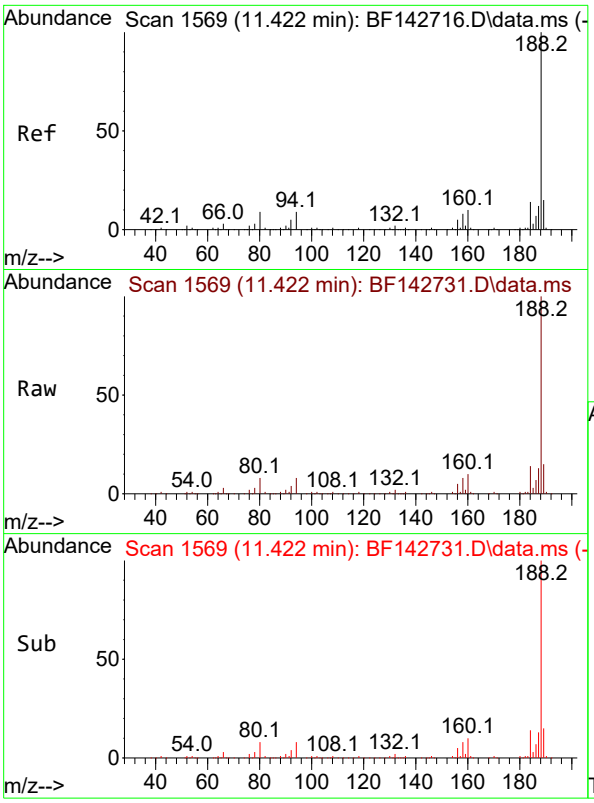


#45
2-Fluorobiphenyl
Concen: 78.228 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Tgt Ion:172 Resp: 944326

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.1	18.6	27.8



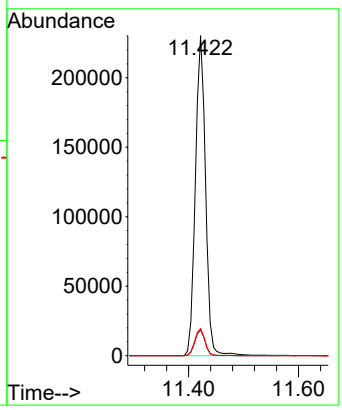


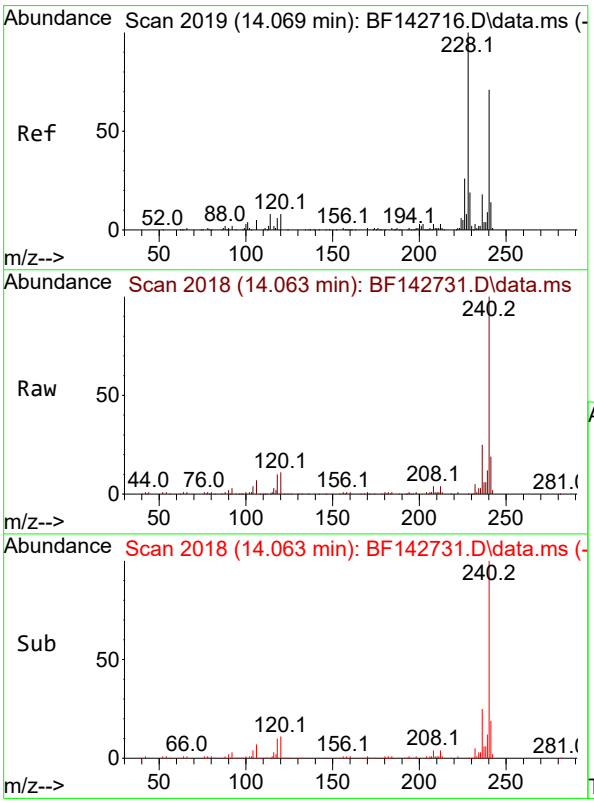
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Instrument :
BNA_F
ClientSampleId :
PB168378BL

Tgt Ion:188 Resp: 295895

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.8	10.2
80	8.4	7.1	10.7

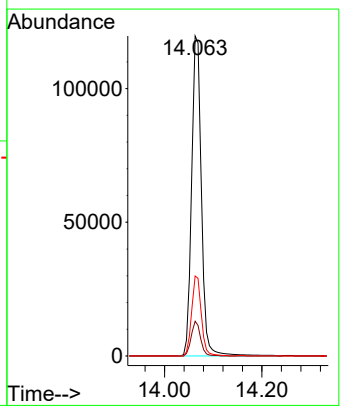


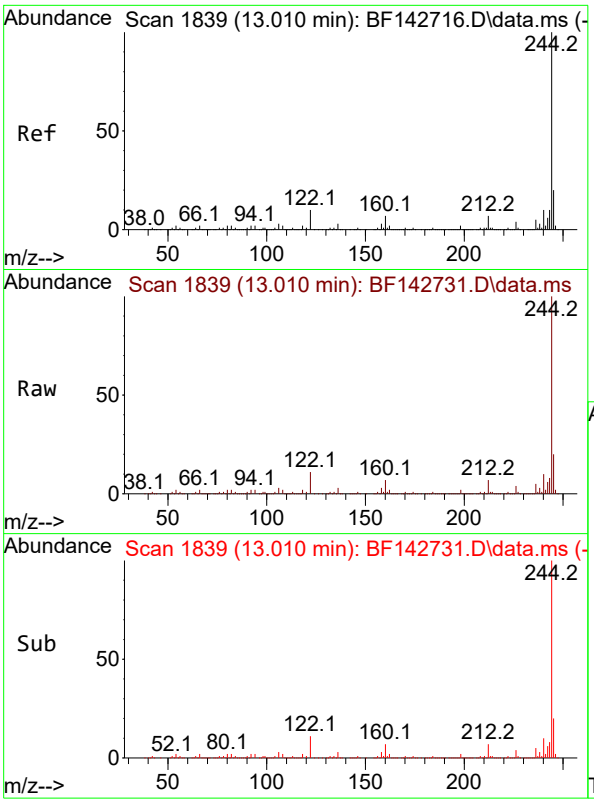


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Tgt Ion:240 Resp: 168179

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.5	12.7
236	25.0	20.1	30.1



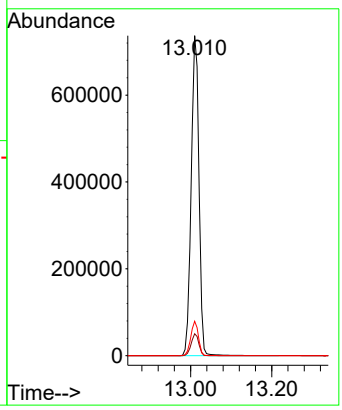


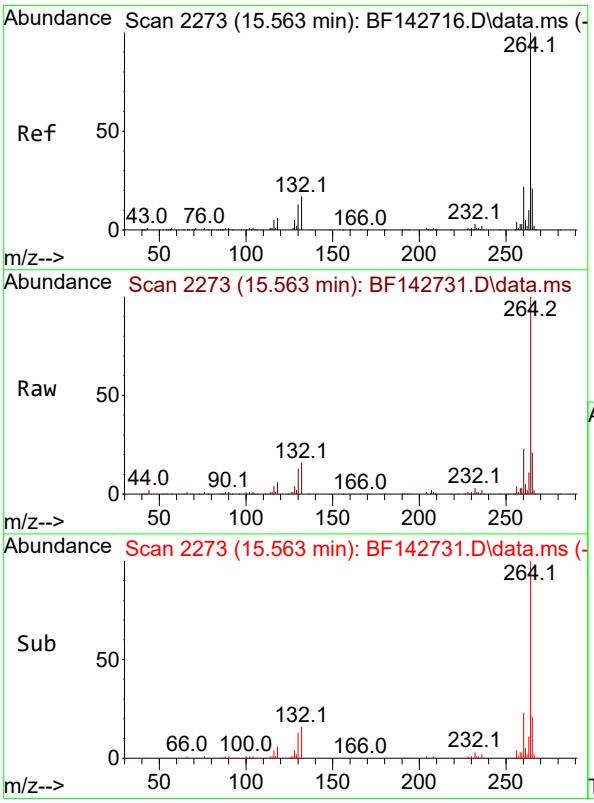
#79
Terphenyl-d14
Concen: 80.415 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Instrument :
BNA_F
ClientSampleId :
PB168378BL

Tgt Ion:244 Resp: 984688

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.7	8.3	12.5

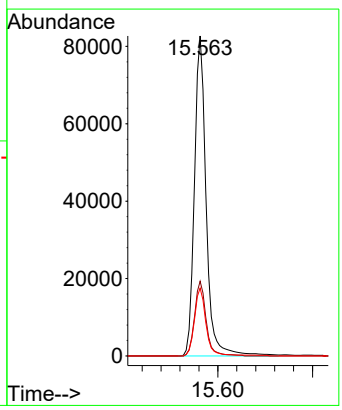




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BF142731.D
Acq: 11 Jun 2025 13:18

Tgt Ion:264 Resp: 142470

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.8	26.6
265	21.2	16.6	25.0



Raw Data: **BF142729.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB168378BS	SDG No.:	Q2264
Lab Sample ID:	PB168378BS	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142729.D	1	06/10/25 08:46	06/11/25 12:19	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	39.3		0.86	10.0	ug/L
108-95-2	Phenol	39.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	39.0		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	39.9		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.5		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38.4		1.40	5.00	ug/L
67-72-1	Hexachloroethane	37.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	39.9		0.76	5.00	ug/L
78-59-1	Isophorone	38.6		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	40.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	40.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	39.1		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	40.7		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	39.4		0.54	5.00	ug/L
91-20-3	Naphthalene	39.0		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.5		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	40.0		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	82.9	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	41.9		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	39.6		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	40.5		0.61	5.00	ug/L
208-96-8	Acenaphthylene	39.4		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	40.5		0.92	5.00	ug/L
83-32-9	Acenaphthene	44.0		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	92.0	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	84.3	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	41.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	40.0		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39.2		0.68	5.00	ug/L

Raw Data: **BF142729.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB168378BS	SDG No.:	Q2264
Lab Sample ID:	PB168378BS	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142729.D	1	06/10/25 08:46	06/11/25 12:19	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	39.2		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.1		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	40.7		0.58	5.00	ug/L
103-33-3	Azobenzene	39.8		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	40.7		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	40.9		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	83.4	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	40.0		0.50	5.00	ug/L
120-12-7	Anthracene	39.8		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	42.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	39.3		0.82	5.00	ug/L
92-87-5	Benzidine	30.7		4.30	10.0	ug/L
129-00-0	Pyrene	40.3		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	45.1		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	24.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	41.0		0.45	5.00	ug/L
218-01-9	Chrysene	41.2		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.6		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.3		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	44.4		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	37.3		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	41.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40.7		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.2		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	39.8		0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	75.8		60 - 140	76%	SPK: 100
13127-88-3	Phenol-d6	76.6		60 - 140	77%	SPK: 100
4165-60-0	Nitrobenzene-d5	70.7		60 - 140	71%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.5		60 - 140	69%	SPK: 100

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

Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB168378BS			SDG No.:	Q2264
Lab Sample ID:	PB168378BS			Matrix:	Water
Analytical Method:	625.1			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142729.D	1	06/10/25 08:46	06/11/25 12:19	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.9		60 - 140	75%	SPK: 100
1718-51-0	Terphenyl-d14	71.4		60 - 140	71%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	85200	6.893			
1146-65-2	Naphthalene-d8	327000	8.175			
15067-26-2	Acenaphthene-d10	179000	9.934			
1517-22-2	Phenanthrene-d10	294000	11.422			
1719-03-5	Chrysene-d12	156000	14.069			
1520-96-3	Perylene-d12	174000	15.563			

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

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

Sample Results: **BF142729.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142729.D
Acq On : 11 Jun 2025 12:19
Operator : RC/JU
Sample : PB168378BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 11 12:57:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168378BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	85225	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	326755	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	179431	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	293869	20.000	ng		0.00
76) Chrysene-d12	14.069	240	155674	20.000	ng		0.00
86) Perylene-d12	15.563	264	174199	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	379404	75.820	ng		0.01
7) Phenol-d6	6.522	99	450905	76.568	ng		0.00
23) Nitrobenzene-d5	7.457	82	422282	70.727	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	147244	74.875	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	938054	69.456	ng		0.00
79) Terphenyl-d14	13.010	244	809308	71.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	62464	31.542	ng		98
3) Pyridine	3.516	79	173857	35.013	ng		99
4) n-Nitrosodimethylamine	3.475	42	99939	39.337	ng		99
6) Aniline	6.551	93	240780	30.549	ng		92
8) 2-Chlorophenol	6.675	128	218132	39.889	ng		99
9) Benzaldehyde	6.440	77	104275	28.593	ng		98
10) Phenol	6.534	94	259641	39.665	ng		100
11) bis(2-Chloroethyl)ether	6.628	93	190792	39.023	ng		98
12) 1,3-Dichlorobenzene	6.834	146	236378	37.877	ng		98
13) 1,4-Dichlorobenzene	6.910	146	237979	37.732	ng		100
14) 1,2-Dichlorobenzene	7.063	146	226786	37.512	ng		99
15) Benzyl Alcohol	7.034	79	176058	39.555	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	288985	37.541	ng		94
17) 2-Methylphenol	7.146	107	169733	40.488	ng		100
18) Hexachloroethane	7.404	117	84068	37.194	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	143838	38.367	ng		98
20) 3+4-Methylphenols	7.298	107	212217	40.153	ng		99
22) Acetophenone	7.298	105	285700	39.307	ng	#	95
24) Nitrobenzene	7.475	77	211373	39.889	ng		98
25) Isophorone	7.716	82	390517	38.630	ng		99
26) 2-Nitrophenol	7.793	139	120281	40.672	ng		99
27) 2,4-Dimethylphenol	7.828	122	202881	40.293	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	245567	39.126	ng		100
29) 2,4-Dichlorophenol	8.034	162	189180	40.713	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	202251	39.390	ng		99
31) Naphthalene	8.198	128	630631	39.024	ng		99
32) Benzoic acid	7.957	122	125330	44.198	ng		99
33) 4-Chloroaniline	8.245	127	119709	18.450	ng		99
34) Hexachlorobutadiene	8.316	225	125881	38.472	ng		99
35) Caprolactam	8.616	113	55019m	43.864	ng		
36) 4-Chloro-3-methylphenol	8.728	107	193328	40.013	ng		99
37) 2-Methylnaphthalene	8.892	142	396326	38.747	ng		99
38) 1-Methylnaphthalene	8.992	142	408200	38.524	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	205519	39.574	ng		99
41) Hexachlorocyclopentadiene	9.045	237	276473	82.946	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	140946	41.927	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142729.D
Acq On : 11 Jun 2025 12:19
Operator : RC/JU
Sample : PB168378BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 11 12:57:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168378BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	145801	40.156	ng	98
46) 1,1'-Biphenyl	9.357	154	550123	39.483	ng	100
47) 2-Chloronaphthalene	9.381	162	406310	39.583	ng	100
48) 2-Nitroaniline	9.475	65	117414	40.217	ng	99
49) Acenaphthylene	9.798	152	681151	39.355	ng	99
50) Dimethylphthalate	9.657	163	485742	40.539	ng	100
51) 2,6-Dinitrotoluene	9.722	165	104752	40.450	ng	97
52) Acenaphthene	9.969	154	472242	44.007	ng	100
53) 3-Nitroaniline	9.887	138	71601	25.491	ng	100
54) 2,4-Dinitrophenol	9.998	184	130454	91.963	ng	91
55) Dibenzofuran	10.145	168	602519	39.429	ng	99
56) 4-Nitrophenol	10.051	139	160615	84.311	ng	96
57) 2,4-Dinitrotoluene	10.128	165	143403	41.882	ng	98
58) Fluorene	10.486	166	472606	39.164	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	122731	40.178	ng	100
60) Diethylphthalate	10.357	149	475595	40.029	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	231195	39.230	ng	99
62) 4-Nitroaniline	10.504	138	99805	39.718	ng	98
63) Azobenzene	10.634	77	412480	39.751	ng	100
65) 4,6-Dinitro-2-methylph...	10.534	198	81115	44.078	ng	99
66) n-Nitrosodiphenylamine	10.598	169	410986	40.686	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	141136	40.687	ng	99
68) Hexachlorobenzene	11.034	284	157543	40.915	ng	98
69) Atrazine	11.122	200	119461	44.358	ng	98
70) Pentachlorophenol	11.228	266	168261	83.365	ng	99
71) Phenanthrene	11.451	178	629331	39.974	ng	100
72) Anthracene	11.504	178	648250	39.803	ng	100
73) Carbazole	11.657	167	551955	40.483	ng	99
74) Di-n-butylphthalate	11.980	149	640419	42.065	ng	100
75) Fluoranthene	12.639	202	588781	39.329	ng	99
77) Benzidine	12.757	184	170163	30.693	ng	99
78) Pyrene	12.869	202	583089	40.305	ng	99
80) Butylbenzylphthalate	13.480	149	192730	45.051	ng	100
81) Benzo(a)anthracene	14.057	228	422475	40.954	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	81903	24.621	ng	98
83) Chrysene	14.092	228	392406	41.200	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	286530	44.629	ng	99
85) Di-n-octyl phthalate	14.657	149	533655	43.325	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	524989	40.668	ng	100
88) Benzo(b)fluoranthene	15.121	252	455115	44.371	ng	99
89) Benzo(k)fluoranthene	15.151	252	371578	37.337	ng	100
90) Benzo(a)pyrene	15.498	252	405481	41.578	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	433815	41.157	ng	100
92) Benzo(g,h,i)perylene	17.539	276	417636	39.845	ng	99

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

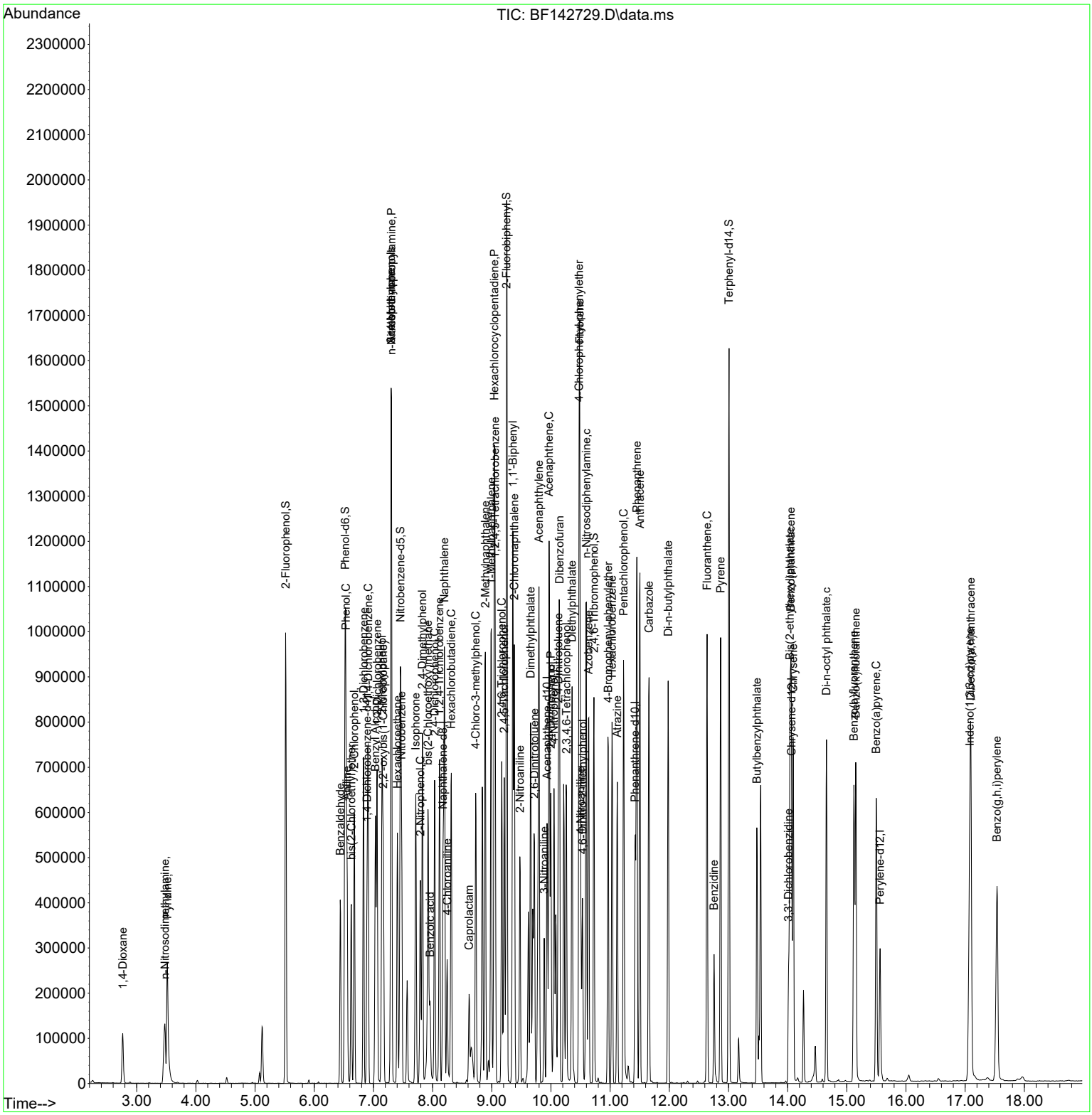
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142729.D
Acq On : 11 Jun 2025 12:19
Operator : RC/JU
Sample : PB168378BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 11 12:57:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168378BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



Raw Data: **BF142730.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB168378BSD	SDG No.:	Q2264
Lab Sample ID:	PB168378BSD	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142730.D	1	06/10/25 08:46	06/11/25 12:49	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	44.2		0.86	10.0	ug/L
108-95-2	Phenol	46.3		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	45.5		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	46.3		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.2		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.1		1.40	5.00	ug/L
67-72-1	Hexachloroethane	43.7		0.65	5.00	ug/L
98-95-3	Nitrobenzene	45.2		0.76	5.00	ug/L
78-59-1	Isophorone	43.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	46.2		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	45.8		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.5		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.7		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.4		0.54	5.00	ug/L
91-20-3	Naphthalene	43.9		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.5		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	45.7		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	92.5	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	46.6		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	45.0		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	46.3		0.61	5.00	ug/L
208-96-8	Acenaphthylene	44.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	46.6		0.92	5.00	ug/L
83-32-9	Acenaphthene	49.9		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	95.0	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	48.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	46.1		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.6		0.68	5.00	ug/L

Raw Data: **BF142730.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB168378BSD	SDG No.:	Q2264
Lab Sample ID:	PB168378BSD	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142730.D	1	06/10/25 08:46	06/11/25 12:49	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	44.0		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.3		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	44.8		0.58	5.00	ug/L
103-33-3	Azobenzene	45.3		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.3		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	92.5	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	44.6		0.50	5.00	ug/L
120-12-7	Anthracene	44.3		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	48.0		1.20	5.00	ug/L
206-44-0	Fluoranthene	44.3		0.82	5.00	ug/L
92-87-5	Benzidine	34.9		4.30	10.0	ug/L
129-00-0	Pyrene	46.6		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	51.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.8		0.45	5.00	ug/L
218-01-9	Chrysene	46.5		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.4		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	50.0		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	42.4		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.0		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.1		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.9		0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	87.4		60 - 140	87%	SPK: 100
13127-88-3	Phenol-d6	88.8		60 - 140	89%	SPK: 100
4165-60-0	Nitrobenzene-d5	79.5		60 - 140	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.4		60 - 140	77%	SPK: 100

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

Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB168378BSD			SDG No.:	Q2264
Lab Sample ID:	PB168378BSD			Matrix:	Water
Analytical Method:	625.1			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142730.D	1	06/10/25 08:46	06/11/25 12:49	PB168378

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.3		60 - 140	86%	SPK: 100
1718-51-0	Terphenyl-d14	84.6		60 - 140	85%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	76800	6.892			
1146-65-2	Naphthalene-d8	302000	8.181			
15067-26-2	Acenaphthene-d10	168000	9.933			
1517-22-2	Phenanthrene-d10	282000	11.422			
1719-03-5	Chrysene-d12	143000	14.068			
1520-96-3	Perylene-d12	158000	15.563			

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

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

Sample Results: **BF142730.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142730.D
Acq On : 11 Jun 2025 12:49
Operator : RC/JU
Sample : PB168378BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 11 13:21:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168378BSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	76751	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	302135	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	167728	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	281544	20.000	ng		0.00
76) Chrysene-d12	14.068	240	142888	20.000	ng		0.00
86) Perylene-d12	15.563	264	157698	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	393651	87.353	ng		0.01
7) Phenol-d6	6.522	99	470780	88.769	ng		0.00
23) Nitrobenzene-d5	7.457	82	438944	79.509	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	158560	86.255	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	976819	77.373	ng		0.00
79) Terphenyl-d14	13.010	244	880130	84.598	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	65378	36.659	ng		100
3) Pyridine	3.516	79	178704	39.963	ng		99
4) n-Nitrosodimethylamine	3.475	42	101186	44.226	ng		98
6) Aniline	6.551	93	254366	35.835	ng	#	89
8) 2-Chlorophenol	6.675	128	227779	46.252	ng		99
9) Benzaldehyde	6.440	77	108795	33.126	ng		98
10) Phenol	6.540	94	272956	46.303	ng		95
11) bis(2-Chloroethyl)ether	6.628	93	200300	45.490	ng		99
12) 1,3-Dichlorobenzene	6.834	146	244216	43.453	ng		99
13) 1,4-Dichlorobenzene	6.910	146	246879	43.465	ng		100
14) 1,2-Dichlorobenzene	7.063	146	237334	43.591	ng		99
15) Benzyl Alcohol	7.034	79	182823	45.609	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	299615	43.219	ng		91
17) 2-Methylphenol	7.145	107	175533	46.494	ng		99
18) Hexachloroethane	7.404	117	89036	43.742	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	152112	45.053	ng		99
20) 3+4-Methylphenols	7.298	107	220572	46.342	ng		99
22) Acetophenone	7.304	105	298452	44.407	ng		99
24) Nitrobenzene	7.475	77	221581	45.223	ng		98
25) Isophorone	7.716	82	410052	43.868	ng		99
26) 2-Nitrophenol	7.792	139	126449	46.242	ng		98
27) 2,4-Dimethylphenol	7.828	122	213328	45.821	ng		100
28) bis(2-Chloroethoxy)met...	7.922	93	258303	44.509	ng		99
29) 2,4-Dichlorophenol	8.034	162	200463	46.656	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	210934	44.428	ng		100
31) Naphthalene	8.198	128	655505	43.869	ng		99
32) Benzoic acid	7.957	122	132448	50.515	ng		98
33) 4-Chloroaniline	8.245	127	119758	19.961	ng		99
34) Hexachlorobutadiene	8.316	225	131496	43.463	ng		99
35) Caprolactam	8.622	113	58799m	50.698	ng		
36) 4-Chloro-3-methylphenol	8.734	107	204223	45.712	ng		100
37) 2-Methylnaphthalene	8.892	142	416294	44.016	ng		98
38) 1-Methylnaphthalene	8.992	142	429158	43.802	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	214706	44.228	ng		98
41) Hexachlorocyclopentadiene	9.045	237	288286	92.525	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	146293	46.554	ng		99

Sample Results: **BF142730.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142730.D
Acq On : 11 Jun 2025 12:49
Operator : RC/JU
Sample : PB168378BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 11 13:21:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168378BSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	154850	45.624	ng	97
46) 1,1'-Biphenyl	9.357	154	583366	44.791	ng	100
47) 2-Chloronaphthalene	9.381	162	431454	44.965	ng	100
48) 2-Nitroaniline	9.475	65	124893	45.764	ng	100
49) Acenaphthylene	9.798	152	723824	44.738	ng	100
50) Dimethylphthalate	9.657	163	518619	46.303	ng	99
51) 2,6-Dinitrotoluene	9.722	165	112796	46.596	ng	96
52) Acenaphthene	9.969	154	500577	49.902	ng	99
53) 3-Nitroaniline	9.886	138	76269	29.048	ng	99
54) 2,4-Dinitrophenol	9.998	184	140255	105.771	ng	92
55) Dibenzofuran	10.145	168	632379	44.270	ng	99
56) 4-Nitrophenol	10.051	139	169187	95.007	ng	96
57) 2,4-Dinitrotoluene	10.128	165	153739	48.034	ng	98
58) Fluorene	10.486	166	496194	43.988	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	129343	45.297	ng	99
60) Diethylphthalate	10.357	149	512148	46.113	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	245652	44.592	ng	99
62) 4-Nitroaniline	10.504	138	108281	46.097	ng	96
63) Azobenzene	10.633	77	438915	45.250	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	85240	48.347	ng	97
66) n-Nitrosodiphenylamine	10.598	169	433082	44.751	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	151636	45.628	ng	97
68) Hexachlorobenzene	11.033	284	167076	45.291	ng	99
69) Atrazine	11.122	200	128130	49.660	ng	99
70) Pentachlorophenol	11.227	266	178786	92.457	ng	98
71) Phenanthrene	11.451	178	673371	44.643	ng	99
72) Anthracene	11.504	178	691444	44.314	ng	99
73) Carbazole	11.657	167	588206	45.030	ng	100
74) Di-n-butylphthalate	11.980	149	700567	48.030	ng	100
75) Fluoranthene	12.639	202	635251	44.291	ng	99
77) Benzidine	12.757	184	177447	34.870	ng	99
78) Pyrene	12.869	202	619254	46.636	ng	100
80) Butylbenzylphthalate	13.480	149	201625	51.348	ng	100
81) Benzo(a)anthracene	14.057	228	442921	46.778	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	83559	27.366	ng	98
83) Chrysene	14.092	228	406223	46.467	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	297468	50.479	ng	99
85) Di-n-octyl phthalate	14.657	149	546941	48.377	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	533463	45.649	ng	100
88) Benzo(b)fluoranthene	15.121	252	464274	50.000	ng	99
89) Benzo(k)fluoranthene	15.151	252	382260	42.429	ng	99
90) Benzo(a)pyrene	15.498	252	415063	47.013	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	439975	46.109	ng	100
92) Benzo(g,h,i)perylene	17.545	276	425643	44.858	ng	100

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

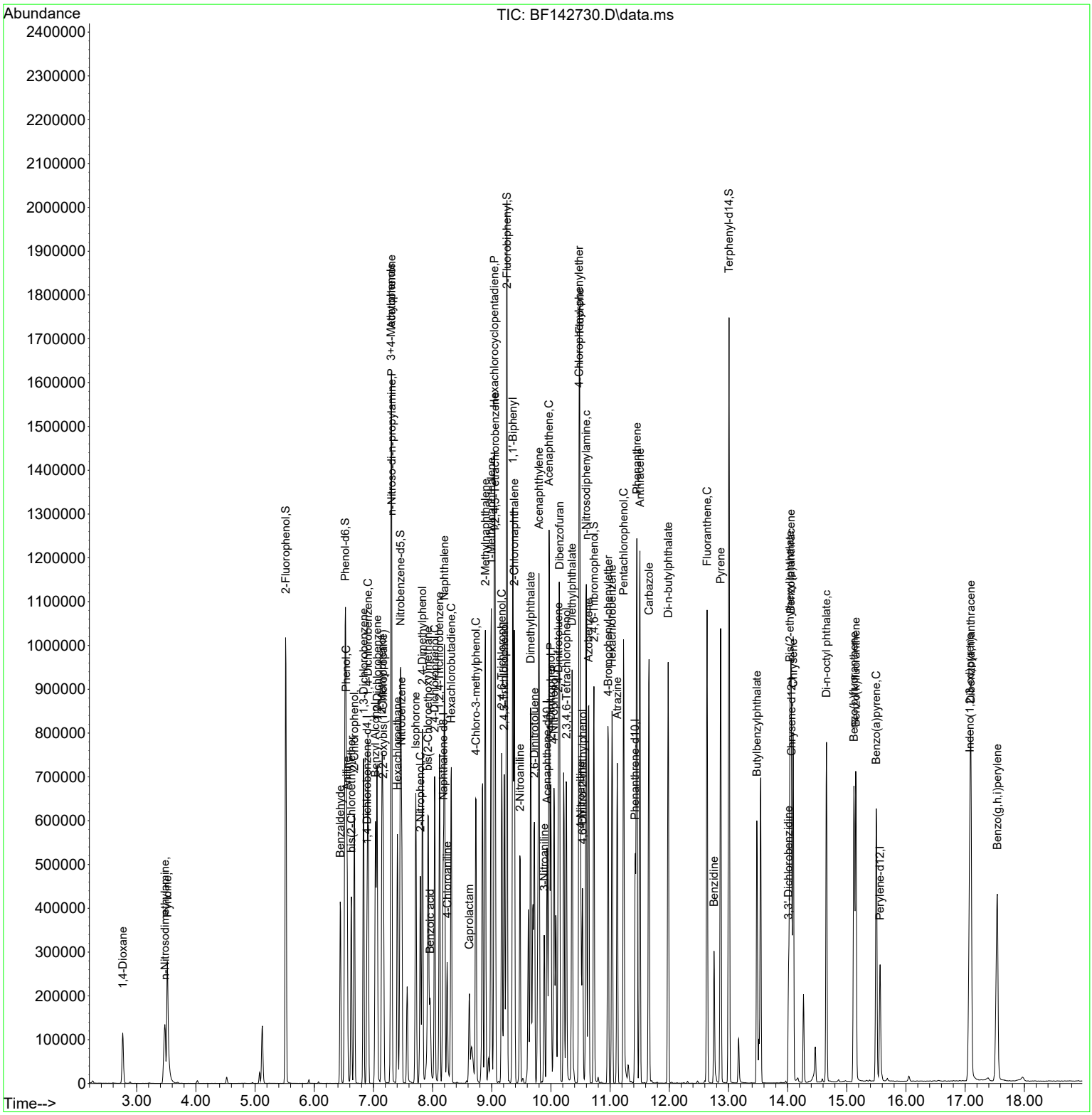
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142730.D
Acq On : 11 Jun 2025 12:49
Operator : RC/JU
Sample : PB168378BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 11 13:21:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168378BSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025



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

Manual Integration Report

Sequence:	BF061125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF142714.D	2,3,4,6-Tetrachlorophenol	Rahul	6/11/2025 9:18:06 AM	Jagrut	6/11/2025 9:58:06 AM	Peak Integrated by Software
SSTDICC080	BF142719.D	Caprolactam	Rahul	6/11/2025 9:18:10 AM	Jagrut	6/11/2025 9:58:02 AM	Peak Integrated by Software
PB168378BS	BF142729.D	Caprolactam	anahy	6/12/2025 9:46:06 AM	Jagrut	6/12/2025 11:37:40 AM	Peak Integrated by Software
PB168378BSD	BF142730.D	Caprolactam	anahy	6/12/2025 9:46:50 AM	Jagrut	6/12/2025 11:37:43 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM				
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM				
SubDirectory	BF061125	HP Acquire Method	BNA_F		HP Processing Method	BF061125	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142710.D	10 Jun 2025 15:42	RC/JU	Ok
2	SSTDCCC040	BF142711.D	10 Jun 2025 16:11	RC/JU	Not Ok
3	SSTDICC2.5	BF142712.D	10 Jun 2025 16:54	RC/JU	Ok
4	SSTDICC005	BF142713.D	10 Jun 2025 17:24	RC/JU	Ok
5	SSTDICC010	BF142714.D	10 Jun 2025 17:53	RC/JU	Ok,M
6	SSTDICC020	BF142715.D	10 Jun 2025 18:22	RC/JU	Ok
7	SSTDICCC040	BF142716.D	10 Jun 2025 18:52	RC/JU	Ok
8	SSTDICC050	BF142717.D	10 Jun 2025 19:21	RC/JU	Ok
9	SSTDICC060	BF142718.D	10 Jun 2025 19:50	RC/JU	Ok
10	SSTDICC080	BF142719.D	10 Jun 2025 20:19	RC/JU	Ok,M
11	SSTDICV040	BF142720.D	10 Jun 2025 20:49	RC/JU	Ok
12	PB168323BL	BF142721.D	10 Jun 2025 21:47	RC/JU	Ok
13	DFTPP	BF142722.D	11 Jun 2025 08:56	RC/JU	Ok
14	SSTDCCC040	BF142723.D	11 Jun 2025 09:24	RC/JU	Ok
15	PB168376BL	BF142724.D	11 Jun 2025 09:53	RC/JU	Ok
16	PB168376BS	BF142725.D	11 Jun 2025 10:22	RC/JU	Ok,M
17	PB168234BS	BF142726.D	11 Jun 2025 10:51	RC/JU	Ok,M
18	PB168285BS	BF142727.D	11 Jun 2025 11:21	RC/JU	Ok,M
19	PB168285BSD	BF142728.D	11 Jun 2025 11:50	RC/JU	Ok,M
20	PB168378BS	BF142729.D	11 Jun 2025 12:19	RC/JU	Ok,M
21	PB168378BSD	BF142730.D	11 Jun 2025 12:49	RC/JU	Ok,M

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB168378BL	BF142731.D	11 Jun 2025 13:18	RC/JU	Ok
23	Q2264-04	BF142732.D	11 Jun 2025 13:52	RC/JU	Ok
24	Q2268-10	BF142733.D	11 Jun 2025 14:21	RC/JU	Ok
25	Q2268-03	BF142734.D	11 Jun 2025 14:50	RC/JU	Dilution
26	Q2268-04MS	BF142735.D	11 Jun 2025 15:20	RC/JU	Ok,M
27	Q2268-05MSD	BF142736.D	11 Jun 2025 15:50	RC/JU	Ok
28	Q2268-06	BF142737.D	11 Jun 2025 16:19	RC/JU	Dilution
29	Q2268-07	BF142738.D	11 Jun 2025 16:49	RC/JU	Dilution
30	Q2268-08	BF142739.D	11 Jun 2025 17:19	RC/JU	Dilution
31	Q2273-01	BF142740.D	11 Jun 2025 17:49	RC/JU	Ok
32	Q2273-05	BF142741.D	11 Jun 2025 18:18	RC/JU	Ok
33	Q2273-05MS	BF142742.D	11 Jun 2025 18:48	RC/JU	Ok
34	Q2273-05MSD	BF142743.D	11 Jun 2025 19:18	RC/JU	Ok
35	Q2268-03DL	BF142744.D	11 Jun 2025 19:48	RC/JU	Ok
36	Q2268-03	BF142745.D	11 Jun 2025 20:17	RC/JU	Not Ok
37	Q2280-01	BF142746.D	11 Jun 2025 20:47	RC/JU	ReRun

M : Manual Integration

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/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	BF142710.D	10 Jun 2025 15:42		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142711.D	10 Jun 2025 16:11	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF142712.D	10 Jun 2025 16:54		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF142713.D	10 Jun 2025 17:24		RC/JU	Ok
5	SSTDICC010	SSTDICC010	BF142714.D	10 Jun 2025 17:53		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF142715.D	10 Jun 2025 18:22		RC/JU	Ok
7	SSTDICCC040	SSTDICCC040	BF142716.D	10 Jun 2025 18:52	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok
8	SSTDICC050	SSTDICC050	BF142717.D	10 Jun 2025 19:21		RC/JU	Ok
9	SSTDICC060	SSTDICC060	BF142718.D	10 Jun 2025 19:50		RC/JU	Ok
10	SSTDICC080	SSTDICC080	BF142719.D	10 Jun 2025 20:19	Compound #09 removed from 80 PPM.	RC/JU	Ok,M
11	SSTDICV040	ICVBF061125	BF142720.D	10 Jun 2025 20:49		RC/JU	Ok
12	PB168323BL	PB168323BL	BF142721.D	10 Jun 2025 21:47		RC/JU	Ok
13	DFTPP	DFTPP	BF142722.D	11 Jun 2025 08:56		RC/JU	Ok
14	SSTDCCC040	SSTDCCC040	BF142723.D	11 Jun 2025 09:24		RC/JU	Ok
15	PB168376BL	PB168376BL	BF142724.D	11 Jun 2025 09:53		RC/JU	Ok
16	PB168376BS	PB168376BS	BF142725.D	11 Jun 2025 10:22		RC/JU	Ok,M
17	PB168234BS	PB168234BS	BF142726.D	11 Jun 2025 10:51		RC/JU	Ok,M

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB168285BS	PB168285BS	BF142727.D	11 Jun 2025 11:21		RC/JU	Ok,M
19	PB168285BSD	PB168285BSD	BF142728.D	11 Jun 2025 11:50		RC/JU	Ok,M
20	PB168378BS	PB168378BS	BF142729.D	11 Jun 2025 12:19		RC/JU	Ok,M
21	PB168378BSD	PB168378BSD	BF142730.D	11 Jun 2025 12:49		RC/JU	Ok,M
22	PB168378BL	PB168378BL	BF142731.D	11 Jun 2025 13:18		RC/JU	Ok
23	Q2264-04	EF-WW	BF142732.D	11 Jun 2025 13:52	Surrogate and Internal Standard Failed	RC/JU	Ok
24	Q2268-10	FB-20250605	BF142733.D	11 Jun 2025 14:21		RC/JU	Ok
25	Q2268-03	MW-2-20250605	BF142734.D	11 Jun 2025 14:50	Need 2X Dilution	RC/JU	Dilution
26	Q2268-04MS	MW-2-20250605MS	BF142735.D	11 Jun 2025 15:20		RC/JU	Ok,M
27	Q2268-05MSD	MW-2-20250605MSD	BF142736.D	11 Jun 2025 15:50		RC/JU	Ok
28	Q2268-06	MW-2-20250605-A	BF142737.D	11 Jun 2025 16:19	Need 2X Dilution	RC/JU	Dilution
29	Q2268-07	MW-6-20250605	BF142738.D	11 Jun 2025 16:49	Internal Standard Fail, Need 2X Dilution	RC/JU	Dilution
30	Q2268-08	MW-3-20250605	BF142739.D	11 Jun 2025 17:19	Internal Standard Fail, Need 2X Dilution	RC/JU	Dilution
31	Q2273-01	WC-4	BF142740.D	11 Jun 2025 17:49		RC/JU	Ok
32	Q2273-05	WC-6	BF142741.D	11 Jun 2025 18:18		RC/JU	Ok
33	Q2273-05MS	WC-6MS	BF142742.D	11 Jun 2025 18:48		RC/JU	Ok
34	Q2273-05MSD	WC-6MSD	BF142743.D	11 Jun 2025 19:18		RC/JU	Ok
35	Q2268-03DL	MW-2-20250605DL	BF142744.D	11 Jun 2025 19:48		RC/JU	Ok

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061125

Review By	Rahul	Review On	6/11/2025 9:54:45 AM		
Supervise By	Jagrut	Supervise On	6/11/2025 9:58:22 AM		
SubDirectory	BF061125	HP Acquire Method	BNA_F	HP Processing Method	BF061125

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12668,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	Q2268-03	MW-2-20250605	BF142745.D	11 Jun 2025 20:17	Already analyzed with OK status	RC/JU	Not Ok
37	Q2280-01	VNJ-210	BF142746.D	11 Jun 2025 20:47	Internal standard fail	RC/JU	ReRun

M : Manual Integration

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EXTRACTION LOGPAGE

PB168378

SOP ID:	M625.1-BNA-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/10/2025
Matrix :	Water			**Extraction Start Time :**	08:46
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	06/10/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:25
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100 PPM	SP6759
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	E3930
Baked Na2SO4	N/A	EP2611
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 & >11 with10N NaOH.

KD Bath ID:	Water bath -01	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/10/25	RP (Ext. Lab)	RC/SVOC
13:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168378

Analytical Method: M625.1-BNA-21

Concentration Date: 06/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168378BL	SBLK378	SVOCMS Group1	1000	6	RUPESH	rajesh	1			SEP-1
PB168378BS	SLCS378	SVOCMS Group1	1000	6	RUPESH	rajesh	1			2
PB168378BSD	SLCSD378	SVOCMS Group1	1000	6	RUPESH	rajesh	1			3
Q2264-04	EFF-WW	SVOCMS Group1	870	6	RUPESH	rajesh	1	C		4

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

6/10/25

168378
8:46

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2264 **WorkList ID :** 190063 **Department :** Extraction **Date :** 06-10-2025 08:08:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2264-04	EFF-WW	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	D41	06/06/2025	625.1

Date/Time 06/10/25 8:45
Raw Sample Received by: RS (Ext. Lab)
Raw Sample Relinquished by:

Date/Time 06/10/25 9:00
Raw Sample Received by:
Raw Sample Relinquished by: RS (Ext Lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
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www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2264
COC Number 2047111

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Ardmore Inc
ADDRESS: 29 Riverside Ave Bldg #14
CITY Newark STATE: NJ ZIP: 07104
ATTENTION: Michael Sharphouse
PHONE: 9734812406 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: VOA
2: CN
3: SVOA
4: BOD/TSS
5: Metals
6:
7:
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	EFF WW	WW		X	6/6/25	12:30		X	X								
2.	EF WW	WW	X		6/6/25	12:30				X	X	X					
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1 Albert Sharphouse	6/6/25 1355	1.
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1°C °C
Comments: METALS LEAD ZINC

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

Laboratory Certification

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2264 ARDM01
Client Name : Ardmore Chemical
Client Contact : Michael Sharphouse
Invoice Name : Ardmore Chemical
Invoice Contact : Michael Sharphouse

Order Date : 6/6/2025 2:07:00 PM
Project Name : PVSC Monthly 2025
Receive DateTime : 6/6/2025 1:55:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : NONE
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2264-01	EFF-WW	Water	06/06/2025	12:30					
					VOC-PP		624.1		10 Bus. Days

Relinguished By : dl
Date / Time : 6/6/25 1455

Received By : Sam
Date / Time : 06/06/25 14:55 Rgh 3

Storage Area : VOA Refridgerator Room