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Cover Page

Order ID : Q2811

Project ID : PVSC Monthly 2025

Client : Ardmore Chemical

Lab Sample Number	Client Sample Number
Q2811-01	EFF-WASTE WATER
Q2811-02	EFF-WASTE WATER

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: 8/18/2025

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 #: **Q2811**

	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: **KETAN PATEL** **Date:** **08/18/2025**

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LAB CHRONICLE

OrderID:	Q2811	**OrderDate:**	8/8/2025 1:07:00 PM
Client:	Ardmore Chemical	**Project:**	PVSC Monthly 2025
Contact:	Michael Sharphouse	**Location:**	J21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2811-02	**EFF-WASTE WATER**	**Water**			**08/08/25**			**08/08/25**
			SVOCMS Group1	625.1		08/14/25	08/18/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2811

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.: Q2811

Client: Ardmore Chemical

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169256BL	PB169256BL	2-Fluorophenol	100	95.2	95		60	140
		Phenol-d6	100	96.2	96		60	140
		Nitrobenzene-d5	100	99.5	100		60	140
		2-Fluorobiphenyl	100	91.8	92		60	140
		2,4,6-Tribromophenol	100	96.7	97		60	140
		Terphenyl-d14	100	103	103		60	140
PB169256BS	PB169256BS	2-Fluorophenol	100	90.5	90		60	140
		Phenol-d6	100	90.9	91		60	140
		Nitrobenzene-d5	100	92.8	93		60	140
		2-Fluorobiphenyl	100	87.4	87		60	140
		2,4,6-Tribromophenol	100	93.1	93		60	140
		Terphenyl-d14	100	101	101		60	140
PB169256BSD	PB169256BSD	2-Fluorophenol	100	97.2	97		60	140
		Phenol-d6	100	97.6	98		60	140
		Nitrobenzene-d5	100	102	102		60	140
		2-Fluorobiphenyl	100	94.2	94		60	140
		2,4,6-Tribromophenol	100	106	106		60	140
		Terphenyl-d14	100	107	107		60	140
Q2811-02	EFF-WASTE WATER	2-Fluorophenol	100	49.9	50	*	60	140
		Phenol-d6	100	31.9	32	*	60	140
		Nitrobenzene-d5	100	97.5	98		60	140
		2-Fluorobiphenyl	100	95.7	96		60	140
		2,4,6-Tribromophenol	100	95.8	96		60	140
		Terphenyl-d14	100	76.1	76		60	140

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2811 **Analytical Method:** 625.1

Client: Ardmore Chemical **DataFile:** BF143431.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169256BS	n-Nitrosodimethylamine	50	47.8	ug/L	96				52	110	
	Phenol	50	44.8	ug/L	90				48	130	
	bis(2-Chloroethyl)ether	50	44.8	ug/L	90				52	130	
	2-Chlorophenol	50	46.2	ug/L	92				55	130	
	2,2-oxybis(1-Chloropropane)	50	45.1	ug/L	90				63	139	
	N-Nitroso-di-n-propylamine	50	45.3	ug/L	91				59	170	
	Hexachloroethane	50	44.7	ug/L	89				55	130	
	Nitrobenzene	50	45.9	ug/L	92				54	158	
	Isophorone	50	46.7	ug/L	93				52	180	
	2-Nitrophenol	50	45.9	ug/L	92				61	163	
	2,4-Dimethylphenol	50	48.3	ug/L	97				58	130	
	bis(2-Chloroethoxy)methane	50	45.7	ug/L	91				52	164	
	2,4-Dichlorophenol	50	46.0	ug/L	92				64	130	
	1,2,4-Trichlorobenzene	50	47.4	ug/L	95				44	142	
	Naphthalene	50	44.8	ug/L	90				70	130	
	Hexachlorobutadiene	50	45.0	ug/L	90				68	130	
	4-Chloro-3-methylphenol	50	48.1	ug/L	96				68	130	
	Hexachlorocyclopentadiene	100	120	ug/L	120				21	137	
	2,4,6-Trichlorophenol	50	45.5	ug/L	91				69	130	
	2-Chloronaphthalene	50	44.8	ug/L	90				70	130	
	Dimethylphthalate	50	48.0	ug/L	96				50	130	
	Acenaphthylene	50	50.2	ug/L	100				60	130	
	2,6-Dinitrotoluene	50	52.8	ug/L	106				68	137	
	Acenaphthene	50	47.5	ug/L	95				70	130	
	2,4-Dinitrophenol	100	87.2	ug/L	87				39	173	
	4-Nitrophenol	100	100	ug/L	100				35	130	
	2,4-Dinitrotoluene	50	52.6	ug/L	105				53	130	
	Diethylphthalate	50	47.9	ug/L	96				47	130	
	4-Chlorophenyl-phenylether	50	45.9	ug/L	92				57	145	
	Fluorene	50	45.4	ug/L	91				70	130	
	4,6-Dinitro-2-methylphenol	50	48.0	ug/L	96				56	130	
	N-Nitrosodiphenylamine	50	46.4	ug/L	93				63	100	
	Azobenzene	50	47.9	ug/L	96				58	105	
	4-Bromophenyl-phenylether	50	46.4	ug/L	93				70	130	
	Hexachlorobenzene	50	46.3	ug/L	93				38	142	
	Pentachlorophenol	100	100	ug/L	100				42	152	
	Phenanthrene	50	45.1	ug/L	90				67	130	
	Anthracene	50	45.5	ug/L	91				58	130	
	Di-n-butylphthalate	50	49.8	ug/L	100				52	130	
	Fluoranthene	50	45.9	ug/L	92				47	130	
	Benzidine	100	45.7	ug/L	46				10	133	
	Pyrene	50	48.6	ug/L	97				70	130	
	Butylbenzylphthalate	50	52.9	ug/L	106				43	140	
	3,3-Dichlorobenzidine	50	30.1	ug/L	60				18	213	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2811 **Analytical Method:** 625.1

Client: Ardmore Chemical **DataFile:** BF143431.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169256BS	Benzo(a)anthracene	50	47.2	ug/L	94				42	133	
	Chrysene	50	48.2	ug/L	96				44	140	
	bis(2-Ethylhexyl)phthalate	50	49.5	ug/L	99				43	137	
	Di-n-octyl phthalate	50	45.7	ug/L	91				21	132	
	Benzo(b)fluoranthene	50	46.7	ug/L	93				42	140	
	Benzo(k)fluoranthene	50	48.8	ug/L	98				25	146	
	Benzo(a)pyrene	50	50.1	ug/L	100				32	148	
	Indeno(1,2,3-cd)pyrene	50	45.5	ug/L	91				13	151	
	Dibenz(a,h)anthracene	50	46.2	ug/L	92				13	200	
	Benzo(g,h,i)perylene	50	47.0	ug/L	94				13	195	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2811 **Analytical Method:** 625.1

Client: Ardmore Chemical **DataFile:** BF143432.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169256BSD	n-Nitrosodimethylamine	50	50.9	ug/L	102	6			52	110	20
	Phenol	50	48.1	ug/L	96	7			48	130	20
	bis(2-Chloroethyl)ether	50	48.4	ug/L	97	8			52	130	20
	2-Chlorophenol	50	49.7	ug/L	99	7			55	130	20
	2,2-oxybis(1-Chloropropane)	50	48.3	ug/L	97	7			63	139	20
	N-Nitroso-di-n-propylamine	50	49.0	ug/L	98	8			59	170	20
	Hexachloroethane	50	47.9	ug/L	96	7			55	130	20
	Nitrobenzene	50	50.8	ug/L	102	10			54	158	20
	Isophorone	50	51.2	ug/L	102	9			52	180	20
	2-Nitrophenol	50	51.8	ug/L	104	12			61	163	20
	2,4-Dimethylphenol	50	53.4	ug/L	107	10			58	130	20
	bis(2-Chloroethoxy)methane	50	50.2	ug/L	100	9			52	164	20
	2,4-Dichlorophenol	50	50.5	ug/L	101	9			64	130	20
	1,2,4-Trichlorobenzene	50	51.8	ug/L	104	9			44	142	20
	Naphthalene	50	49.0	ug/L	98	9			70	130	20
	Hexachlorobutadiene	50	49.6	ug/L	99	10			68	130	20
	4-Chloro-3-methylphenol	50	52.5	ug/L	105	9			68	130	20
	Hexachlorocyclopentadiene	100	130	ug/L	130	8			21	137	20
	2,4,6-Trichlorophenol	50	49.6	ug/L	99	9			69	130	20
	2-Chloronaphthalene	50	48.7	ug/L	97	8			70	130	20
	Dimethylphthalate	50	51.9	ug/L	104	8			50	130	20
	Acenaphthylene	50	54.1	ug/L	108	7			60	130	20
	2,6-Dinitrotoluene	50	57.2	ug/L	114	8			68	137	20
	Acenaphthene	50	52.6	ug/L	105	10			70	130	20
	2,4-Dinitrophenol	100	100	ug/L	100	14			39	173	20
	4-Nitrophenol	100	120	ug/L	120	18			35	130	20
	2,4-Dinitrotoluene	50	58.3	ug/L	117	10			53	130	20
	Diethylphthalate	50	51.9	ug/L	104	8			47	130	20
	4-Chlorophenyl-phenylether	50	49.9	ug/L	100	8			57	145	20
	Fluorene	50	49.2	ug/L	98	8			70	130	20
	4,6-Dinitro-2-methylphenol	50	54.7	ug/L	109	13			56	130	20
	N-Nitrosodiphenylamine	50	50.2	ug/L	100	8			63	100	20
	Azobenzene	50	52.1	ug/L	104	8			58	105	20
	4-Bromophenyl-phenylether	50	50.2	ug/L	100	8			70	130	20
	Hexachlorobenzene	50	50.3	ug/L	101	8			38	142	20
	Pentachlorophenol	100	110	ug/L	110	10			42	152	20
	Phenanthrene	50	48.6	ug/L	97	7			67	130	20
	Anthracene	50	49.3	ug/L	99	8			58	130	20
	Di-n-butylphthalate	50	55.1	ug/L	110	10			52	130	20
	Fluoranthene	50	50.1	ug/L	100	9			47	130	20
	Benzidine	100	51.6	ug/L	52	12			10	133	20
	Pyrene	50	51.4	ug/L	103	6			70	130	20
	Butylbenzylphthalate	50	58.4	ug/L	117	10			43	140	20
	3,3-Dichlorobenzidine	50	31.8	ug/L	64	5			18	213	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2811 **Analytical Method:** 625.1

Client: Ardmore Chemical **DataFile:** BF143432.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169256BSD	Benzo(a)anthracene	50	50.8	ug/L	102	7			42	133	20
	Chrysene	50	52.0	ug/L	104	8			44	140	20
	bis(2-Ethylhexyl)phthalate	50	52.5	ug/L	105	6			43	137	20
	Di-n-octyl phthalate	50	48.4	ug/L	97	6			21	132	20
	Benzo(b)fluoranthene	50	52.0	ug/L	104	11			42	140	20
	Benzo(k)fluoranthene	50	53.1	ug/L	106	8			25	146	20
	Benzo(a)pyrene	50	54.6	ug/L	109	9			32	148	20
	Indeno(1,2,3-cd)pyrene	50	49.8	ug/L	100	9			13	151	20
	Dibenz(a,h)anthracene	50	50.6	ug/L	101	9			13	200	20
	Benzo(g,h,i)perylene	50	51.2	ug/L	102	9			13	195	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169256BL

Lab Name: Alliance | Contract: ARDM01

Lab Code: ACE | SDG NO.: Q2811

Lab File ID: BF143433.D | Lab Sample ID: PB169256BL

Instrument ID: BNA_F | Date Extracted: 08/14/2025

Matrix: (soil/water) Water | Date Analyzed: 08/18/2025

Level: (low/med) LOW | Time Analyzed: 11:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169256BS	PB169256BS	BF143431.D	08/18/2025
PB169256BSD	PB169256BSD	BF143432.D	08/18/2025
EFF-WASTE WATER	Q2811-02	BF143437.D	08/18/2025

COMMENTS:

Raw Data: **BF143415.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ARDM01

Lab Code: ACE SDG NO.: Q2811

Lab File ID: BF143415.D DFTPP Injection Date: 08/15/2025

Instrument ID: BNA_F DFTPP Injection Time: 13:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	26.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
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	5.4
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143416.D	08/15/2025	14:29
SSTDICC005	SSTDICC005	BF143417.D	08/15/2025	14:58
SSTDICC010	SSTDICC010	BF143418.D	08/15/2025	15:28
SSTDICC020	SSTDICC020	BF143419.D	08/15/2025	15:58
SSTDICCC040	SSTDICCC040	BF143420.D	08/15/2025	16:28
SSTDICC050	SSTDICC050	BF143421.D	08/15/2025	16:58
SSTDICC060	SSTDICC060	BF143422.D	08/15/2025	17:27
SSTDICC080	SSTDICC080	BF143423.D	08/15/2025	17:57

Raw Data: **BF143428.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ARDM01

Lab Code: ACE SDG NO.: Q2811

Lab File ID: BF143428.D DFTPP Injection Date: 08/18/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	24.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
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	4.8
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143429.D	08/18/2025	09:06
PB169256BS	PB169256BS	BF143431.D	08/18/2025	10:04
PB169256BSD	PB169256BSD	BF143432.D	08/18/2025	10:33
PB169256BL	PB169256BL	BF143433.D	08/18/2025	11:02
EFF-WASTE WATER	Q2811-02	BF143437.D	08/18/2025	13:08

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2811

Client ID : SSTDCCC040 Date Analyzed: 08/18/2025

Lab File ID: BF143429.D Time Analyzed: 09:06

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	131653	6.928	514889	8.21	280712	9.96
	UPPER LIMIT	263306	7.428	1029780	8.71	561424	10.463
	LOWER LIMIT	65826.5	6.428	257445	7.71	140356	9.463
	EPA SAMPLE NO.						
01	PB169256BS	123621	6.93	481072	8.21	268674	9.96
02	PB169256BSD	123016	6.93	471004	8.21	263675	9.96
03	PB169256BL	126309	6.93	491978	8.20	278073	9.96
04	EFF-WASTE WATER	92191	6.93	319129	8.20	158523	9.96

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: Alliance

Lab Code: ACE SDG NO.: Q2811

Client ID: SSTDCCC040 Date Analyzed: 08/18/2025

Lab File ID: BF143429.D Time Analyzed: 09:06

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	444924	11.445	223862	14.086	265880	15.574
	UPPER LIMIT	889848	11.945	447724	14.586	531760	16.074
	LOWER LIMIT	222462	10.945	111931	13.586	132940	15.074
	EPA SAMPLE NO.						
01	PB169256BS	427113	11.45	218623	14.09	267211	15.57
02	PB169256BSD	424732	11.45	226165	14.09	260498	15.57
03	PB169256BL	476848	11.45	269560	14.09	230909	15.57
04	EFF-WASTE WATER	243989	11.45	246388	14.09	313738	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: **BF143437.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:	08/08/25
Project:	PVSC Monthly 2025	Date Received:	08/08/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q2811
Lab Sample ID:	Q2811-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	960 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
BF143437.D	1	08/14/25 10:35	08/18/25 13:08	PB169256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	0.90	U	0.90	10.4	ug/L
108-95-2	Phenol	0.95	U	0.95	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.84	U	0.84	5.20	ug/L
95-57-8	2-Chlorophenol	0.60	U	0.60	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.20	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	5.20	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.20	ug/L
98-95-3	Nitrobenzene	0.79	U	0.79	5.20	ug/L
78-59-1	Isophorone	0.78	U	0.78	5.20	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.71	U	0.71	5.20	ug/L
120-83-2	2,4-Dichlorophenol	0.54	U	0.54	5.20	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.56	U	0.56	5.20	ug/L
91-20-3	Naphthalene	0.52	U	0.52	5.20	ug/L
87-68-3	Hexachlorobutadiene	0.56	U	0.56	5.20	ug/L
59-50-7	4-Chloro-3-methylphenol	0.61	U	0.61	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.53	U	0.53	5.20	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.20	ug/L
131-11-3	Dimethylphthalate	0.64	U	0.64	5.20	ug/L
208-96-8	Acenaphthylene	0.78	U	0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	0.96	U	0.96	5.20	ug/L
83-32-9	Acenaphthene	0.57	U	0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	6.20	U	6.20	10.4	ug/L
100-02-7	4-Nitrophenol	2.50	U	2.50	10.4	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.20	ug/L
84-66-2	Diethylphthalate	0.72	U	0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.71	U	0.71	5.20	ug/L

Raw Data: **BF143437.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:	08/08/25
Project:	PVSC Monthly 2025	Date Received:	08/08/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q2811
Lab Sample ID:	Q2811-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	960 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
BF143437.D	1	08/14/25 10:35	08/18/25 13:08	PB169256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.66	U	0.66	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	3.00	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.60	U	0.60	5.20	ug/L
103-33-3	Azobenzene	0.84	U	0.84	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42	U	0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	0.54	U	0.54	5.20	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.4	ug/L
85-01-8	Phenanthrene	0.52	U	0.52	5.20	ug/L
120-12-7	Anthracene	0.64	U	0.64	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.20	ug/L
206-44-0	Fluoranthene	0.85	U	0.85	5.20	ug/L
92-87-5	Benzidine	4.50	U	4.50	10.4	ug/L
129-00-0	Pyrene	0.52	U	0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	0.97	U	0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.47	U	0.47	5.20	ug/L
218-01-9	Chrysene	0.46	U	0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.51	U	0.51	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	0.50	U	0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	0.57	U	0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.61	U	0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.70	U	0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	0.72	U	0.72	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	49.9	*	60 - 140	50%	SPK: 100
13127-88-3	Phenol-d6	31.9	*	60 - 140	32%	SPK: 100
4165-60-0	Nitrobenzene-d5	97.5		60 - 140	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.7		60 - 140	96%	SPK: 100

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Report of Analysis

Client:	Ardmore Chemical			Date Collected:	08/08/25
Project:	PVSC Monthly 2025			Date Received:	08/08/25
Client Sample ID:	EFF-WASTE WATER			SDG No.:	Q2811
Lab Sample ID:	Q2811-02			Matrix:	Water
Analytical Method:	625.1			% Solid:	0
Sample Wt/Vol:	960	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
BF143437.D	1	08/14/25 10:35	08/18/25 13:08	PB169256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.8		60 - 140	96%	SPK: 100
1718-51-0	Terphenyl-d14	76.1		60 - 140	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	92200	6.928			
1146-65-2	Naphthalene-d8	319000	8.204			
15067-26-2	Acenaphthene-d10	159000	9.957			
1517-22-2	Phenanthrene-d10	244000	11.451			
1719-03-5	Chrysene-d12	246000	14.086			
1520-96-3	Perylene-d12	314000	15.574			

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\BF081825\
Data File : BF143437.D
Acq On : 18 Aug 2025 13:08
Operator : RC/JU
Sample : Q2811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Time: Aug 18 13:40:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

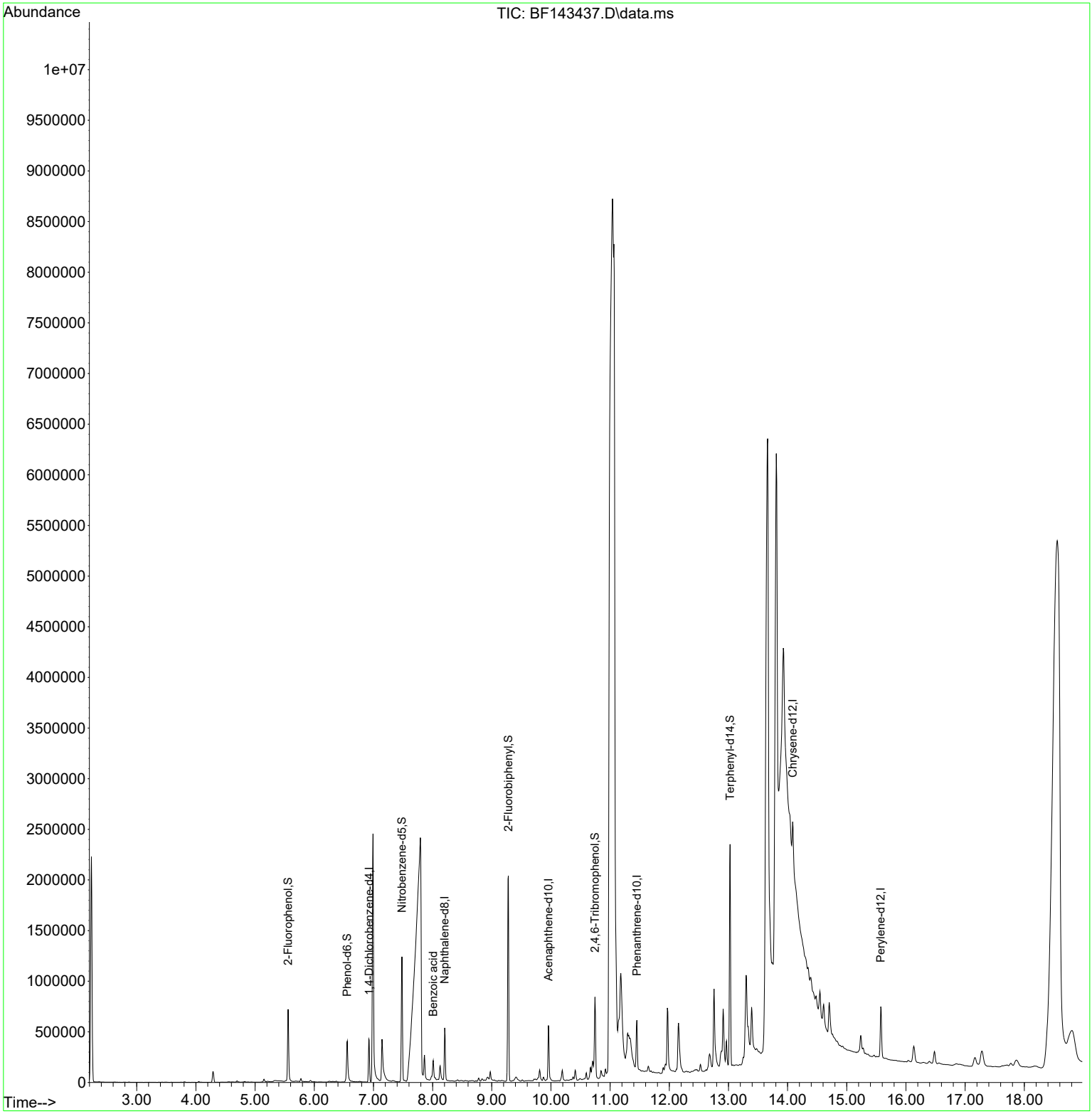
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	92191	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	319129	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	158523	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	243989	20.000	ng	0.00
76) Chrysene-d12	14.086	240	246388	20.000	ng	0.00
86) Perylene-d12	15.574	264	313738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	264630	49.898	ng	0.00
7) Phenol-d6	6.557	99	213193	31.898	ng	0.00
23) Nitrobenzene-d5	7.481	82	524619	97.548	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	135208	95.826	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	901779	95.682	ng	0.00
79) Terphenyl-d14	13.027	244	1116463	76.120	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.010	122	55192	24.087	ng	97

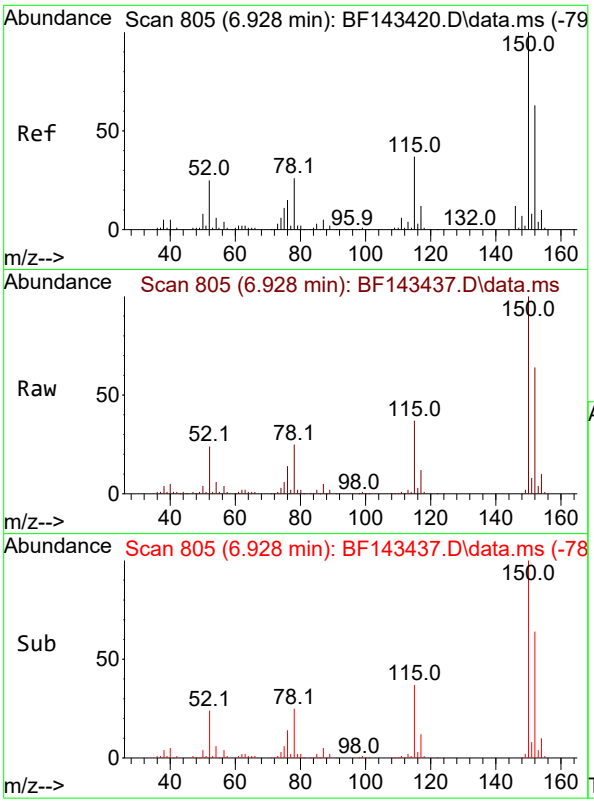
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143437.D
Acq On : 18 Aug 2025 13:08
Operator : RC/JU
Sample : Q2811-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Time: Aug 18 13:40:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration



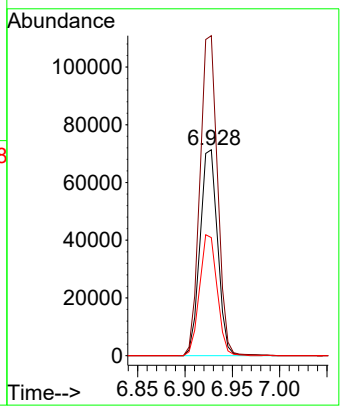


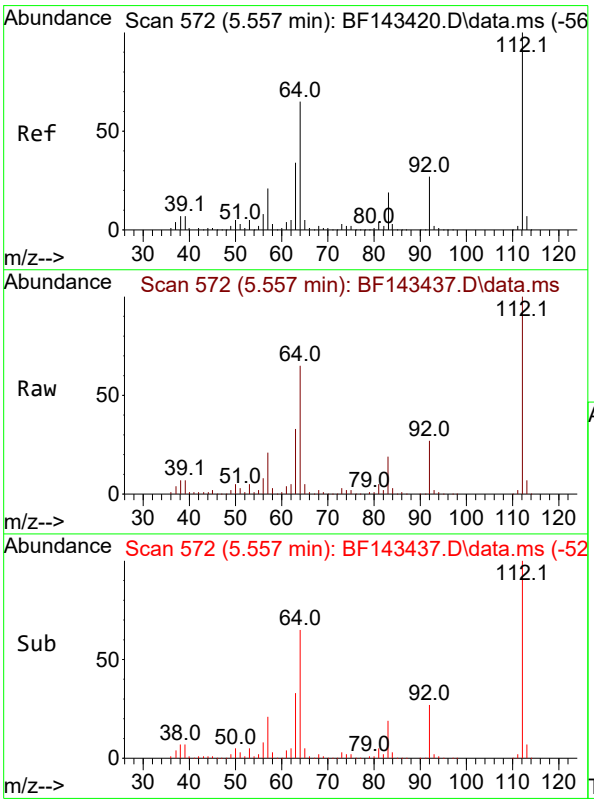
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:152 Resp: 92191

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.2
115	57.3	47.5	71.3

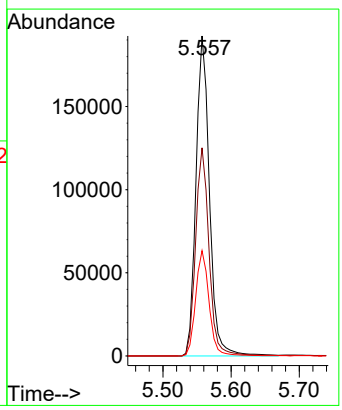


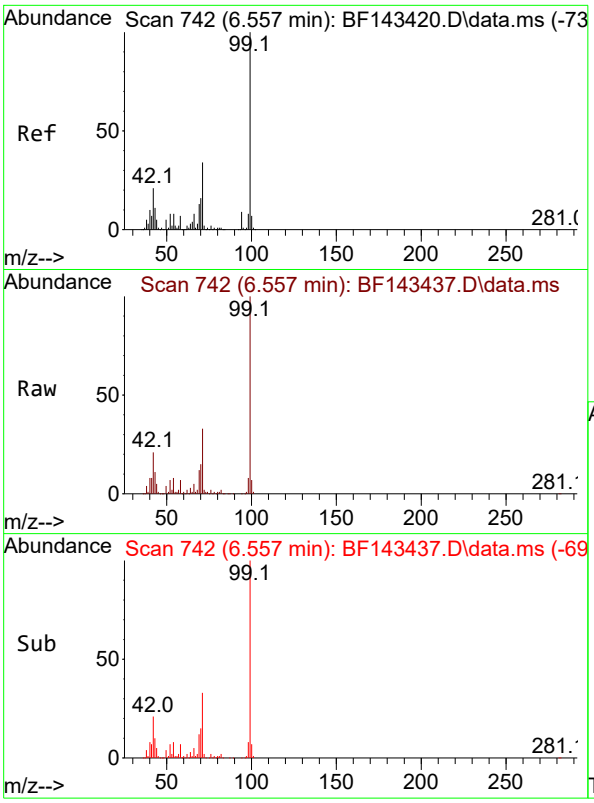


#5
2-Fluorophenol
Concen: 49.898 ng
RT: 5.557 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:112 Resp: 264630

Ion	Ratio	Lower	Upper
112	100		
64	65.1	52.2	78.2
63	32.9	27.0	40.6



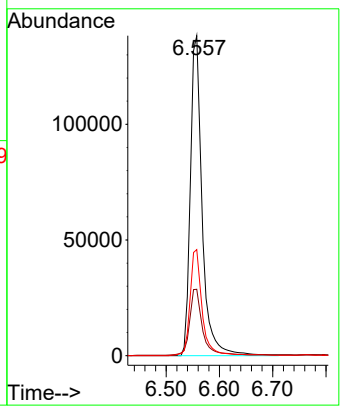


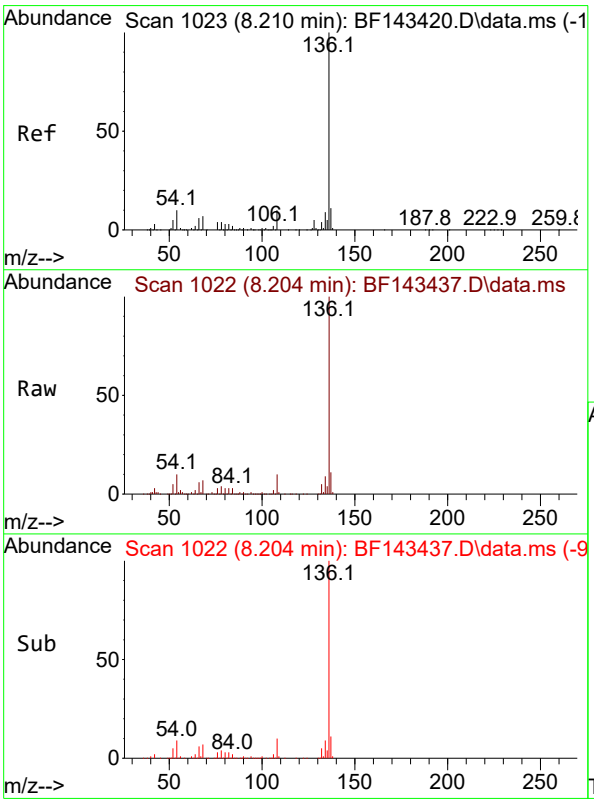
#7
Phenol-d6
Concen: 31.898 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion: 99 Resp: 213193

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.0	25.6
71	33.2	27.4	41.2

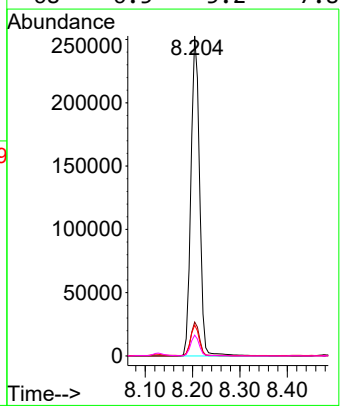


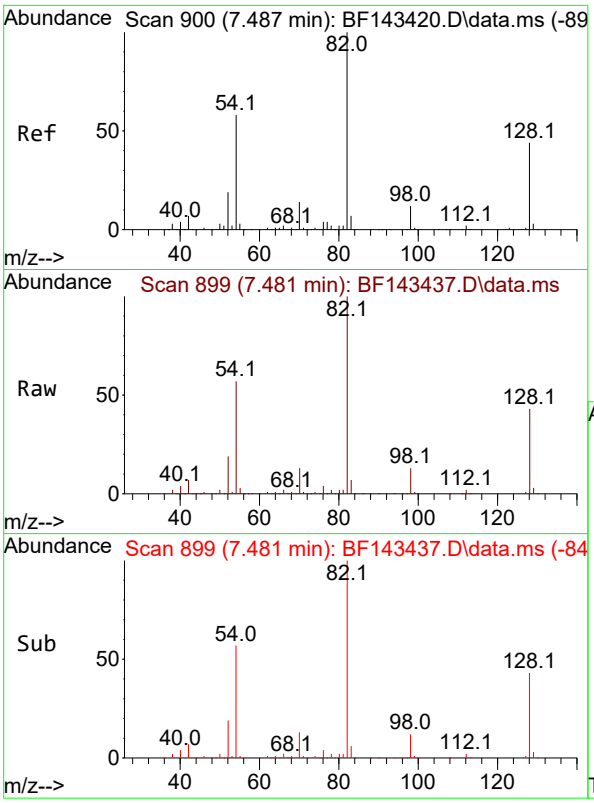


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:136 Resp: 319129

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.6	7.8	11.8
68	6.5	5.2	7.8



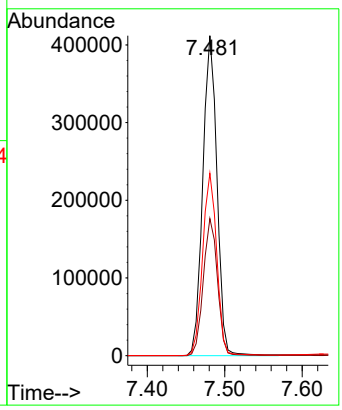


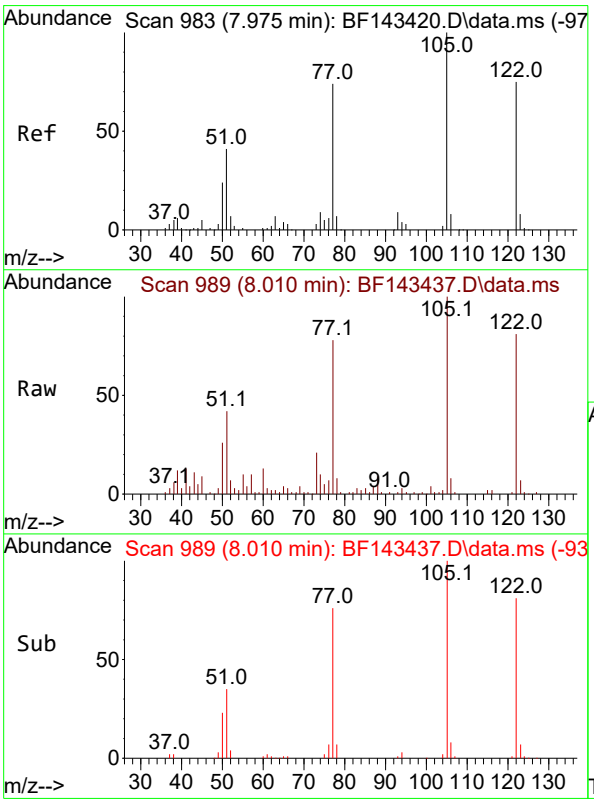
#23
Nitrobenzene-d5
Concen: 97.548 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion: 82 Resp: 524619

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	57.0	46.0	69.0

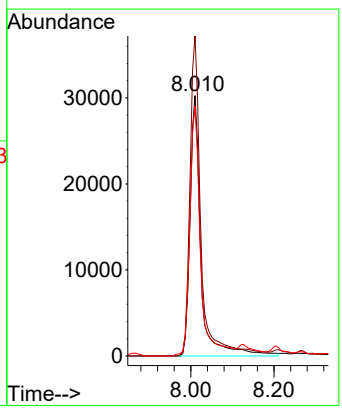


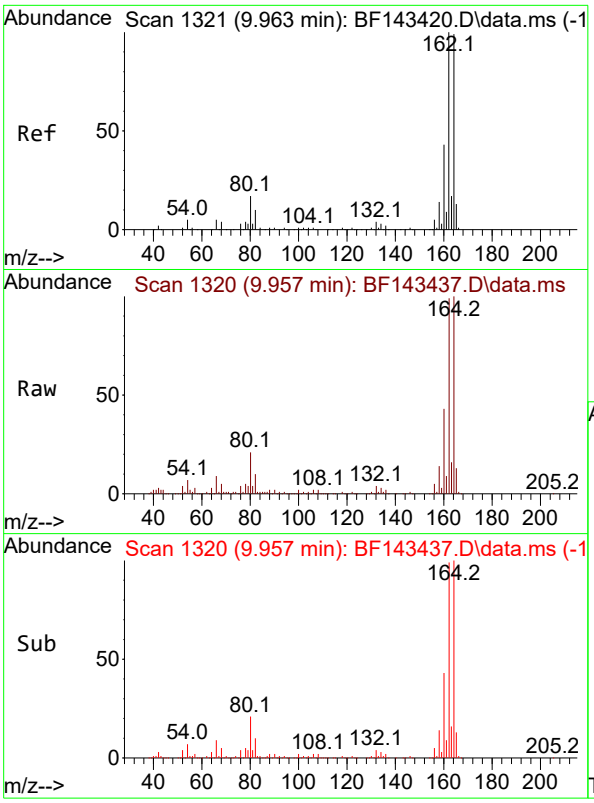


#32
Benzoic acid
Concen: 24.087 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.035 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:122 Resp: 55192

Ion	Ratio	Lower	Upper
122	100		
105	122.9	108.4	148.4
77	96.0	75.9	115.9



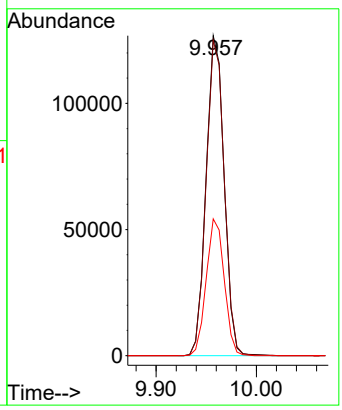


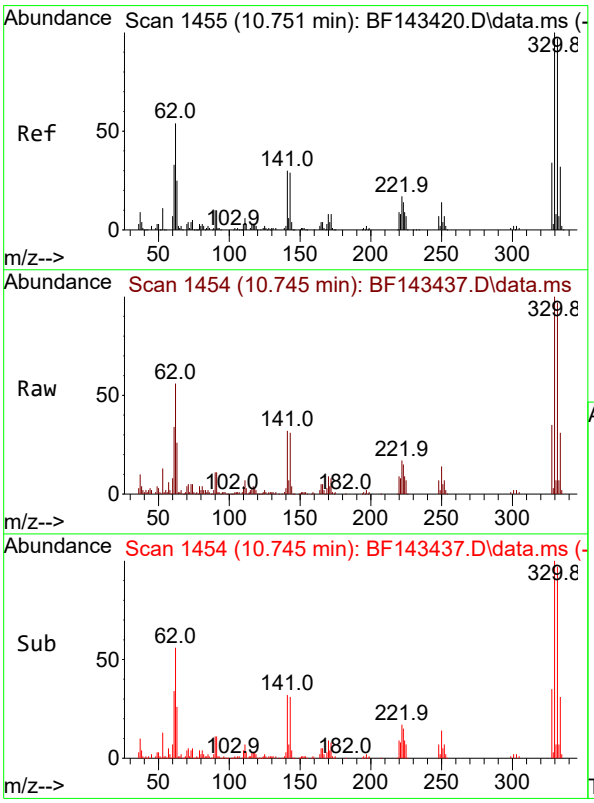
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:164 Resp: 158523

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	121.0
160	42.7	34.6	51.8

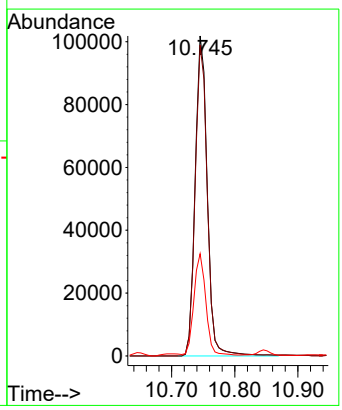


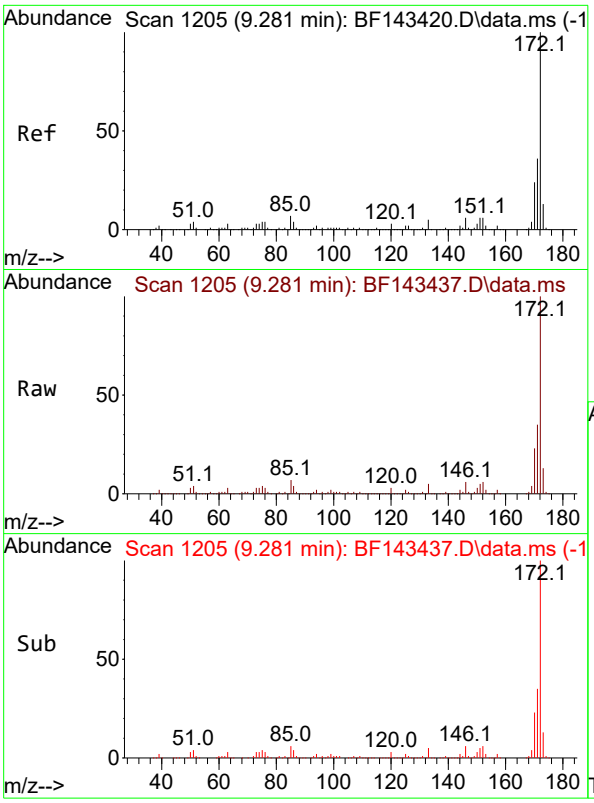


#42
2,4,6-Tribromophenol
Concen: 95.826 ng
RT: 10.745 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:330 Resp: 135208

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	31.7	24.1	36.1



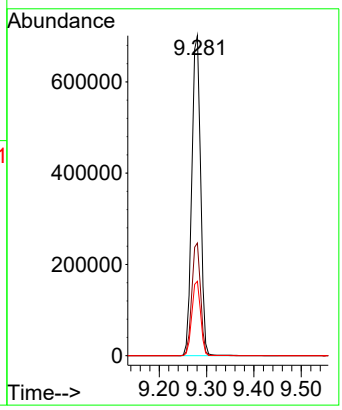


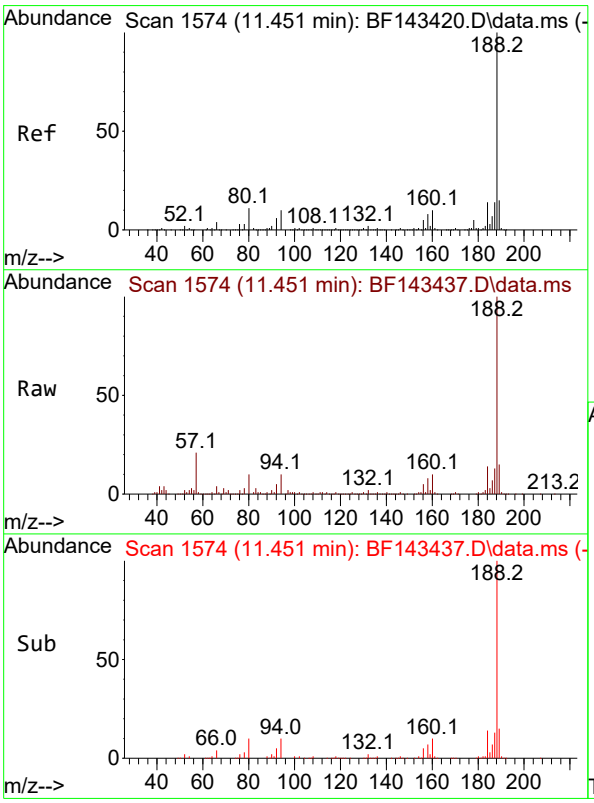
#45
2-Fluorobiphenyl
Concen: 95.682 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:172 Resp: 901779

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.3	19.0	28.6

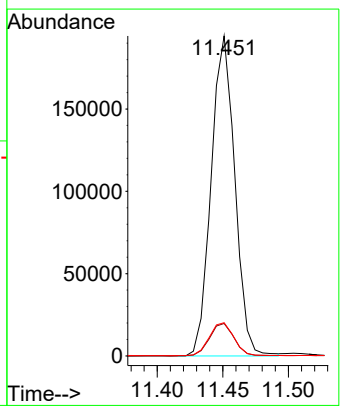


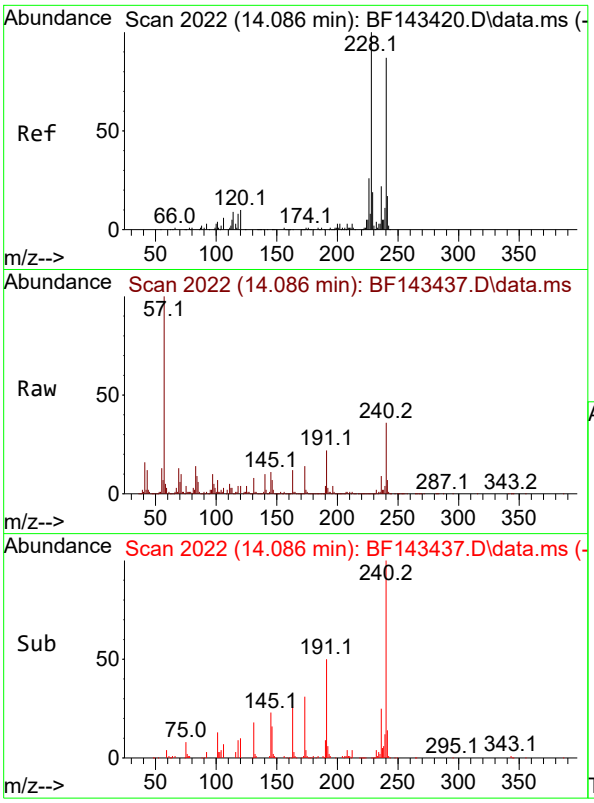


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:188 Resp: 243989

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.0	12.0
80	10.4	8.6	12.8



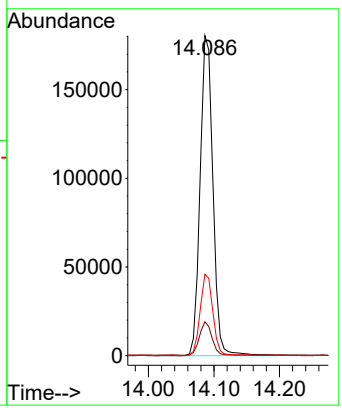


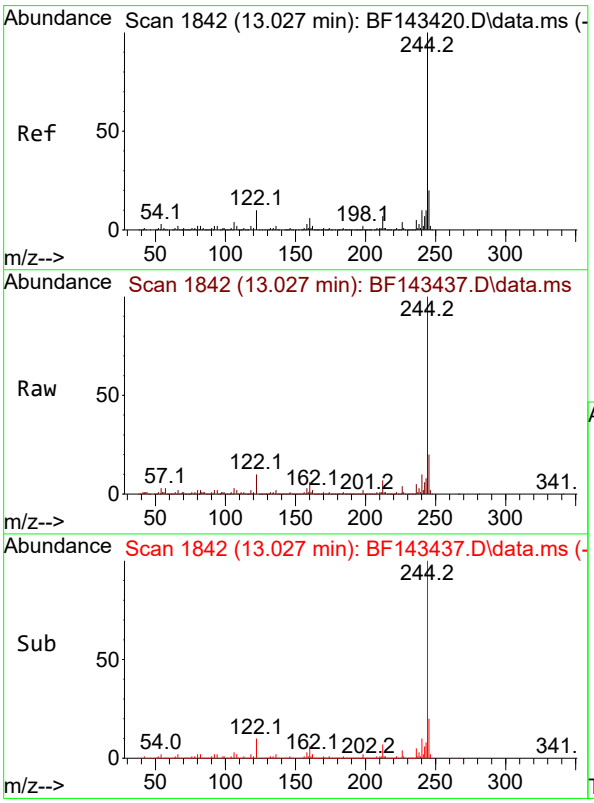
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:240 Resp: 246388

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	25.5	20.2	30.2

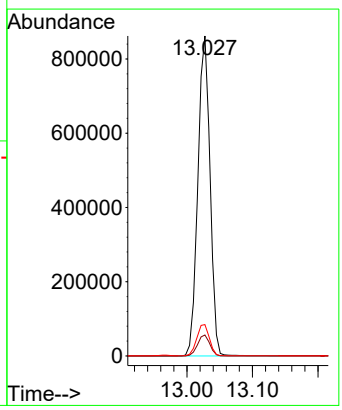


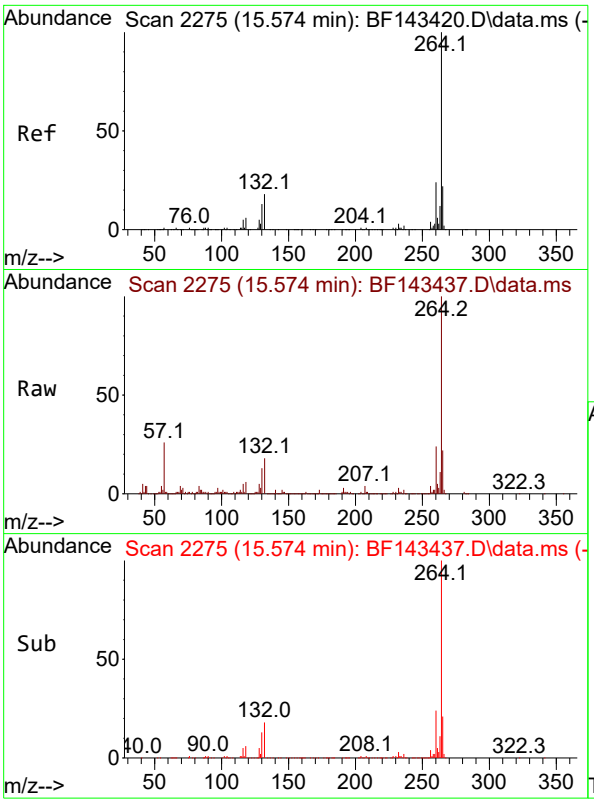


#79
Terphenyl-d14
Concen: 76.120 ng
RT: 13.027 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Tgt Ion:244 Resp: 1116463

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	9.8	8.3	12.5



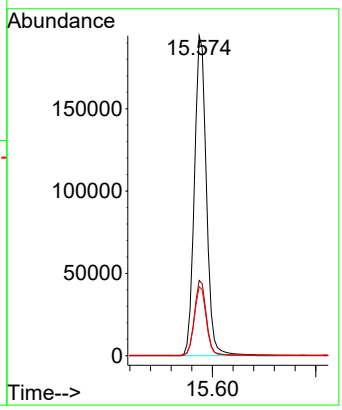


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF143437.D
Acq: 18 Aug 2025 13:08

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:264 Resp: 313738

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	17.4	26.0



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: Alliance Contract: ARDM01

Lab Code: ACE SDG No.: Q2811

Instrument ID: BNA_F Calibration Date(s): 08/15/2025 08/15/2025

Calibration Time(s): 14:29 17:57

LAB FILE ID: RRF2.5 = BF143416.D RRF005 = BF143417.D RRF010 = BF143418.D
RRF020 = BF143419.D RRF040 = BF143420.D RRF050 = BF143421.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine			0.641	0.669	0.680	0.674	0.675	2.9
2-Fluorophenol		1.192	1.169	1.228	1.147	1.101	1.151	4.6
Phenol-d6		1.573	1.494	1.536	1.414	1.383	1.450	5.9
Phenol		1.785	1.746	1.821	1.698	1.623	1.692	6.3
bis(2-Chloroethyl)ether		1.326	1.264	1.308	1.236	1.207	1.254	3.8
2-Chlorophenol		1.322	1.290	1.348	1.252	1.210	1.270	4.1
2,2-oxybis(1-Chloropropane)		2.414	2.259	2.291	2.096	2.014	2.144	8.7
n-Nitroso-di-n-propylamine	0.964	0.986	0.939	0.942	0.863	0.831	0.898	7.6
Nitrobenzene-d5		0.350	0.333	0.352	0.339	0.330	0.337	3.6
Hexachloroethane		0.514	0.484	0.513	0.478	0.461	0.484	4.7
Nitrobenzene		0.359	0.347	0.372	0.357	0.345	0.352	3.6
Isophorone		0.693	0.642	0.671	0.634	0.615	0.645	4.4
2-Nitrophenol		0.141	0.149	0.170	0.170	0.170	0.163	8.0
2,4-Dimethylphenol		0.296	0.286	0.301	0.270	0.262	0.276	6.8
bis(2-Chloroethoxy)methane		0.441	0.404	0.413	0.390	0.374	0.397	6.6
2,4-Dichlorophenol		0.292	0.281	0.301	0.281	0.271	0.281	4.7
1,2,4-Trichlorobenzene		0.318	0.298	0.304	0.283	0.274	0.288	6.8
Naphthalene		1.067	0.987	1.013	0.941	0.891	0.950	8.4
Hexachlorobutadiene		0.200	0.185	0.192	0.184	0.174	0.184	5.5
4-Chloro-3-methylphenol		0.308	0.290	0.301	0.288	0.282	0.290	4.7
Hexachlorocyclopentadiene			0.089	0.140	0.179	0.192	0.167	27.1
2,4,6-Trichlorophenol		0.345	0.341	0.363	0.353	0.341	0.348	2.6
2-Fluorobiphenyl		1.445	1.340	1.291	1.132	1.074	1.189	14.5
2-Chloronaphthalene		1.225	1.174	1.179	1.083	1.049	1.109	7.6
Dimethylphthalate		1.371	1.293	1.305	1.210	1.179	1.247	6.6
Acenaphthylene		1.765	1.680	1.705	1.573	1.519	1.602	7.6
2,6-Dinitrotoluene		0.223	0.225	0.258	0.252	0.250	0.246	6.4
Acenaphthene		1.202	1.126	1.143	1.043	1.019	1.077	7.9
2,4-Dinitrophenol			0.059	0.087	0.096	0.102	0.097	22.8
4-Nitrophenol			0.131	0.170	0.179	0.178	0.172	12.6
2,4-Dinitrotoluene		0.293	0.308	0.347	0.334	0.328	0.328	7.1
Diethylphthalate		1.308	1.233	1.217	1.108	1.055	1.152	9.5
4-Chlorophenyl-phenylether		0.669	0.633	0.622	0.574	0.551	0.590	9.3
Fluorene		1.415	1.318	1.287	1.133	1.080	1.194	12.6

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ARDM01

Lab Code: ACE SDG No.: Q2811

Instrument ID: BNA_F Calibration Date(s): 08/15/2025 08/15/2025

Calibration Time(s): 14:29 17:57

LAB FILE ID: RRF2.5 = BF143416.D RRF005 = BF143417.D RRF010 = BF143418.D
RRF020 = BF143419.D RRF040 = BF143420.D RRF050 = BF143421.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
4,6-Dinitro-2-methylphenol			0.073	0.096	0.107	0.107	0.103	16.3
n-Nitrosodiphenylamine		0.707	0.667	0.676	0.645	0.624	0.650	5.4
Azobenzene		1.301	1.211	1.229	1.137	1.094	1.165	7.9
2,4,6-Tribromophenol		0.184	0.176	0.186	0.177	0.171	0.178	4.2
4-Bromophenyl-phenylether		0.248	0.234	0.243	0.236	0.232	0.236	2.9
Hexachlorobenzene		0.276	0.252	0.259	0.244	0.242	0.251	5.1
Pentachlorophenol			0.077	0.106	0.114	0.117	0.110	15.8
Phenanthrene		1.238	1.155	1.132	1.060	1.008	1.083	9.0
Anthracene		1.236	1.159	1.166	1.065	1.024	1.094	8.8
Di-n-butylphthalate		0.965	0.959	0.970	0.892	0.851	0.921	6.5
Fluoranthene		1.128	1.083	1.026	0.893	0.844	0.962	12.7
Benzidine			0.637	0.749	0.567	0.492	0.597	16.7
Pyrene		1.958	1.822	1.950	1.698	1.596	1.738	12.6
Terphenyl-d14		1.415	1.276	1.329	1.147	1.057	1.191	14.6
Butylbenzylphthalate		0.352	0.372	0.446	0.459	0.450	0.431	11.4
3,3-Dichlorobenzidine			0.304	0.382	0.393	0.386	0.373	9.1
Benzo(a)anthracene		1.312	1.276	1.318	1.254	1.212	1.273	3.9
Chrysene		1.240	1.186	1.240	1.194	1.156	1.177	4.7
Bis(2-ethylhexyl)phthalate		0.500	0.492	0.624	0.668	0.685	0.611	13.2
Di-n-octyl phthalate			0.919	1.209	1.330	1.379	1.240	13.5
Benzo(b)fluoranthene		1.147	1.002	1.158	1.090	1.030	1.072	5.7
Benzo(k)fluoranthene		1.084	1.161	1.022	1.052	1.022	1.057	5.6
Benzo(a)pyrene		1.005	1.017	1.054	1.043	1.009	1.021	2.7
Indeno(1,2,3-cd)pyrene		1.559	1.533	1.569	1.495	1.465	1.500	4.4
Dibenzo(a,h)anthracene		1.227	1.253	1.275	1.203	1.169	1.204	4.9
Benzo(g,h,i)perylene		1.236	1.219	1.257	1.207	1.179	1.203	3.9

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-BF081525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 18 04:40:19 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143416.D 5 =BF143417.D 10 =BF143418.D 20 =BF143419.D 40 =BF143420.D 50 =BF143421.D 60 =BF143422.D 80 =BF1434
23.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.557	0.560	0.568	0.564	0.536	0.551	0.542	0.554	2.10
3)		Pyridine		1.356	1.375	1.488	1.487	1.463	1.515	1.484	1.453	4.25
4)		n-Nitrosodimet...			0.641	0.669	0.680	0.674	0.690	0.696	0.675	2.88
5)	S	2-Fluorophenol		1.192	1.169	1.228	1.147	1.101	1.143	1.072	1.151	4.58
6)		Aniline		2.064	1.981	2.086	1.984	1.904	1.944	1.816	1.968	4.70
7)	S	Phenol-d6		1.573	1.494	1.536	1.414	1.383	1.414	1.336	1.450	5.94
8)		2-Chlorophenol		1.322	1.290	1.348	1.252	1.210	1.258	1.212	1.270	4.14
9)		Benzaldehyde			1.043	1.069	0.734	0.637	0.640	0.504	0.771	30.13
10)	C	Phenol		1.785	1.746	1.821	1.698	1.623	1.666	1.505	1.692	6.34
11)		bis(2-Chloroet...		1.326	1.264	1.308	1.236	1.207	1.234	1.205	1.254	3.78
12)		1,3-Dichlorobe...		1.565	1.479	1.502	1.395	1.333	1.385	1.301	1.423	6.72
13)	C	1,4-Dichlorobe...		1.542	1.482	1.493	1.397	1.355	1.378	1.296	1.421	6.16
14)		1,2-Dichlorobe...		1.484	1.421	1.431	1.325	1.286	1.310	1.241	1.357	6.54
15)		Benzyl Alcohol			1.030	1.110	1.079	1.059	1.080	1.057	1.069	2.52
16)		2,2'-oxybis(1-...		2.414	2.259	2.291	2.096	2.014	2.066	1.869	2.144	8.70
17)		2-Methylphenol		1.104	1.036	1.080	1.025	0.989	1.035	0.985	1.036	4.22
18)		Hexachloroethane		0.514	0.484	0.513	0.478	0.461	0.478	0.456	0.484	4.69
19)	P	n-Nitroso-di-n...	0.964	0.986	0.939	0.942	0.863	0.831	0.852	0.804	0.898	7.57
20)		3+4-Methylphenols			1.321	1.391	1.241	1.167	1.214	1.098	1.239	8.49
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.501	0.459	0.462	0.419	0.395	0.406	0.369	0.430	10.66
23)	S	Nitrobenzene-d5		0.350	0.333	0.352	0.339	0.330	0.339	0.317	0.337	3.56
24)		Nitrobenzene		0.359	0.347	0.372	0.357	0.345	0.354	0.332	0.352	3.63
25)		Isophorone		0.693	0.642	0.671	0.634	0.615	0.645	0.616	0.645	4.37
26)	C	2-Nitrophenol		0.141	0.149	0.170	0.170	0.170	0.176	0.168	0.163	7.98
27)		2,4-Dimethylph...		0.296	0.286	0.301	0.270	0.262	0.269	0.249	0.276	6.80
28)		bis(2-Chloroet...		0.441	0.404	0.413	0.390	0.374	0.392	0.362	0.397	6.60
29)	C	2,4-Dichloroph...		0.292	0.281	0.301	0.281	0.271	0.284	0.260	0.281	4.72
30)		1,2,4-Trichlor...		0.318	0.298	0.304	0.283	0.274	0.282	0.260	0.288	6.76
31)		Naphthalene		1.067	0.987	1.013	0.941	0.891	0.921	0.827	0.950	8.44
32)		Benzoic acid			0.114	0.141	0.143	0.146	0.157	0.161	0.144	11.66
33)		4-Chloroaniline		0.355	0.352	0.362	0.344	0.331	0.343	0.313	0.343	4.86
34)	C	Hexachlorobuta...		0.200	0.185	0.192	0.184	0.174	0.182	0.170	0.184	5.50
35)		Caprolactam			0.077	0.084	0.080	0.080	0.087	0.078	0.081	4.78
36)	C	4-Chloro-3-met...		0.308	0.290	0.301	0.288	0.282	0.294	0.266	0.290	4.74
37)		2-Methylnaphth...		0.737	0.678	0.687	0.625	0.592	0.616	0.544	0.640	10.16
38)		1-Methylnaphth...		0.704	0.650	0.662	0.597	0.572	0.584	0.524	0.613	10.04

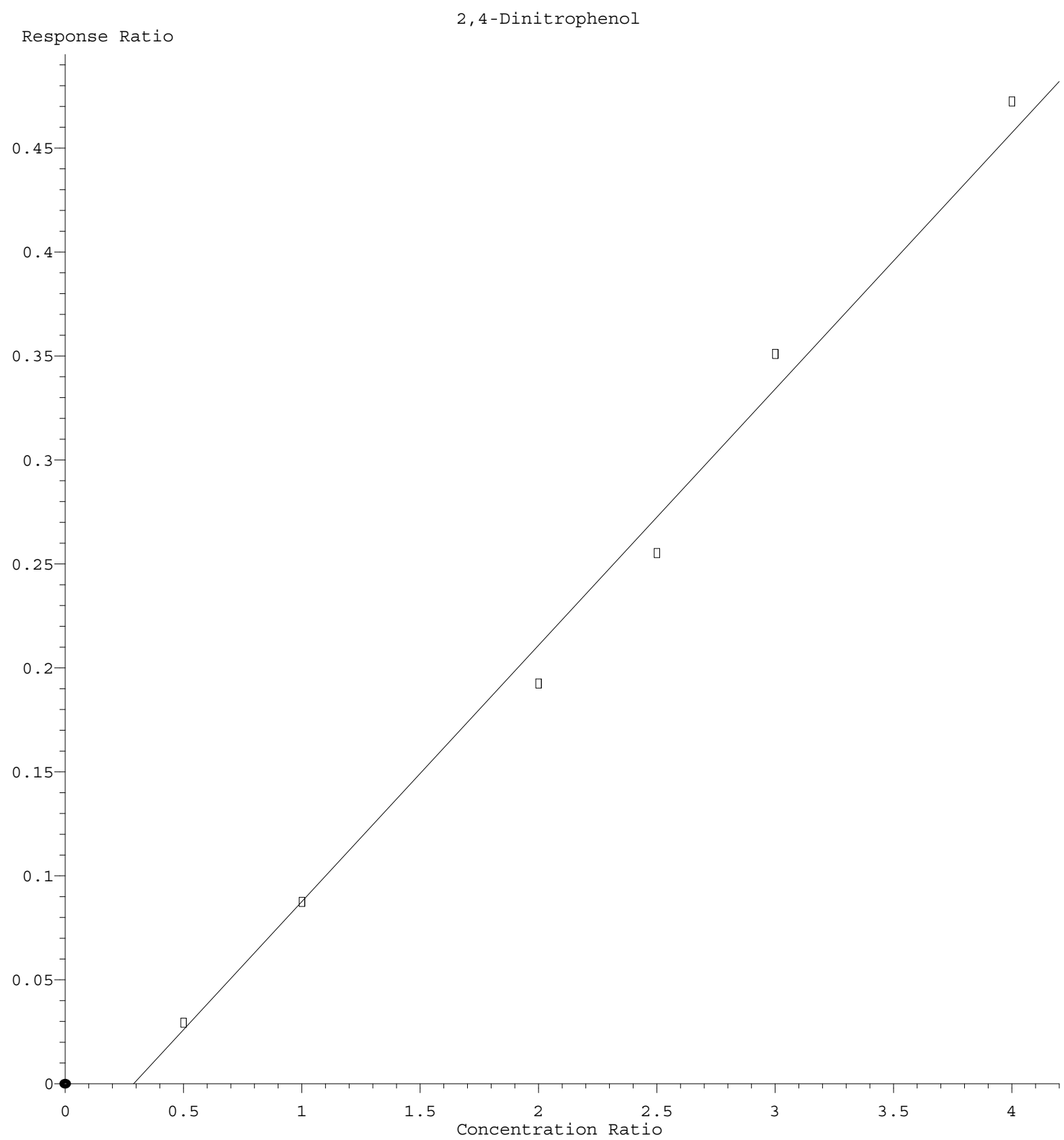
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.611	0.587	0.585	0.549	0.532	0.540	0.501	0.558	6.82
41)	P	Hexachlorocycl...		0.089	0.140	0.179	0.192	0.190	0.213	0.167	27.09
42)	S	2,4,6-Tribromo...	0.184	0.176	0.186	0.177	0.171	0.185	0.167	0.178	4.15
43)	C	2,4,6-Trichlor...	0.345	0.341	0.363	0.353	0.341	0.354	0.338	0.348	2.63
44)		2,4,5-Trichlor...	0.378	0.358	0.395	0.378	0.370	0.377	0.355	0.373	3.64
45)	S	2-Fluorobiphenyl	1.445	1.340	1.291	1.132	1.074	1.082	0.960	1.189	14.52
46)		1,1'-Biphenyl	1.568	1.524	1.502	1.375	1.316	1.331	1.221	1.405	9.12
47)		2-Chloronaphth...	1.225	1.174	1.179	1.083	1.049	1.068	0.987	1.109	7.65
48)		2-Nitroaniline	0.313	0.317	0.343	0.336	0.332	0.348	0.323	0.330	4.01
49)		Acenaphthylene	1.765	1.680	1.705	1.573	1.519	1.555	1.415	1.602	7.56
50)		Dimethylphthalate	1.371	1.293	1.305	1.210	1.179	1.239	1.132	1.247	6.57
51)		2,6-Dinitrotol...	0.223	0.225	0.258	0.252	0.250	0.263	0.250	0.246	6.38
52)	C	Acenaphthene	1.202	1.126	1.143	1.043	1.019	1.057	0.950	1.077	7.92
53)		3-Nitroaniline	0.254	0.261	0.283	0.283	0.274	0.293	0.268	0.274	4.96
54)	P	2,4-Dinitrophenol		0.059	0.087	0.096	0.102	0.117	0.118	0.097	22.78
55)		Dibenzofuran	1.754	1.669	1.662	1.516	1.447	1.497	1.333	1.554	9.47
56)	P	4-Nitrophenol		0.131	0.170	0.179	0.178	0.196	0.179	0.172	12.64
57)		2,4-Dinitrotol...	0.293	0.308	0.347	0.334	0.328	0.363	0.322	0.328	7.15
58)		Fluorene	1.415	1.318	1.287	1.133	1.080	1.136	0.987	1.194	12.61
59)		2,3,4,6-Tetrac...	0.260	0.265	0.293	0.297	0.283	0.307	0.270	0.282	6.22
60)		Diethylphthalate	1.308	1.233	1.217	1.108	1.055	1.150	0.994	1.152	9.47
61)		4-Chlorophenyl...	0.669	0.633	0.622	0.574	0.551	0.573	0.508	0.590	9.25
62)		4-Nitroaniline	0.237	0.255	0.271	0.261	0.247	0.283	0.240	0.256	6.48
63)		Azobenzene	1.301	1.211	1.229	1.137	1.094	1.158	1.023	1.165	7.89
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.073	0.096	0.107	0.107	0.117	0.118	0.103	16.32
66)	c	n-Nitrosodiphe...	0.707	0.667	0.676	0.645	0.624	0.623	0.609	0.650	5.40
67)		4-Bromophenyl-...	0.248	0.234	0.243	0.236	0.232	0.231	0.230	0.236	2.92
68)		Hexachlorobenzene	0.276	0.252	0.259	0.244	0.242	0.244	0.240	0.251	5.10
69)		Atrazine	0.188	0.189	0.197	0.190	0.185	0.201	0.181	0.190	3.67
70)	C	Pentachlorophenol		0.077	0.106	0.114	0.117	0.123	0.125	0.110	15.80
71)		Phenanthrene	1.238	1.155	1.132	1.060	1.008	1.034	0.955	1.083	8.96
72)		Anthracene	1.236	1.159	1.166	1.065	1.024	1.045	0.962	1.094	8.76
73)		Carbazole	1.044	0.995	0.976	0.895	0.849	0.910	0.807	0.925	9.10
74)		Di-n-butylphth...	0.965	0.959	0.970	0.892	0.851	0.975	0.837	0.921	6.49
75)	C	Fluoranthene	1.128	1.083	1.026	0.893	0.844	0.955	0.807	0.962	12.67
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.637	0.749	0.567	0.492	0.541		0.597	16.71
78)		Pyrene	1.958	1.822	1.950	1.698	1.596	1.805	1.339	1.738	12.55
79)	S	Terphenyl-d14	1.415	1.276	1.329	1.147	1.057	1.212	0.899	1.191	14.61
80)		Butylbenzylpht...	0.352	0.372	0.446	0.459	0.450	0.487	0.448	0.431	11.36
81)		Benzo(a)anthra...	1.312	1.276	1.318	1.254	1.212	1.330	1.211	1.273	3.89
82)		3,3'-Dichlorob...		0.304	0.382	0.393	0.386	0.385	0.386	0.373	9.08
83)		Chrysene	1.240	1.186	1.240	1.194	1.156	1.138	1.087	1.177	4.71
84)		Bis(2-ethylhex...	0.500	0.492	0.624	0.668	0.685	0.649	0.662	0.611	13.23
85)	c	Di-n-octyl pht...		0.919	1.209	1.330	1.379	1.286	1.318	1.240	13.47

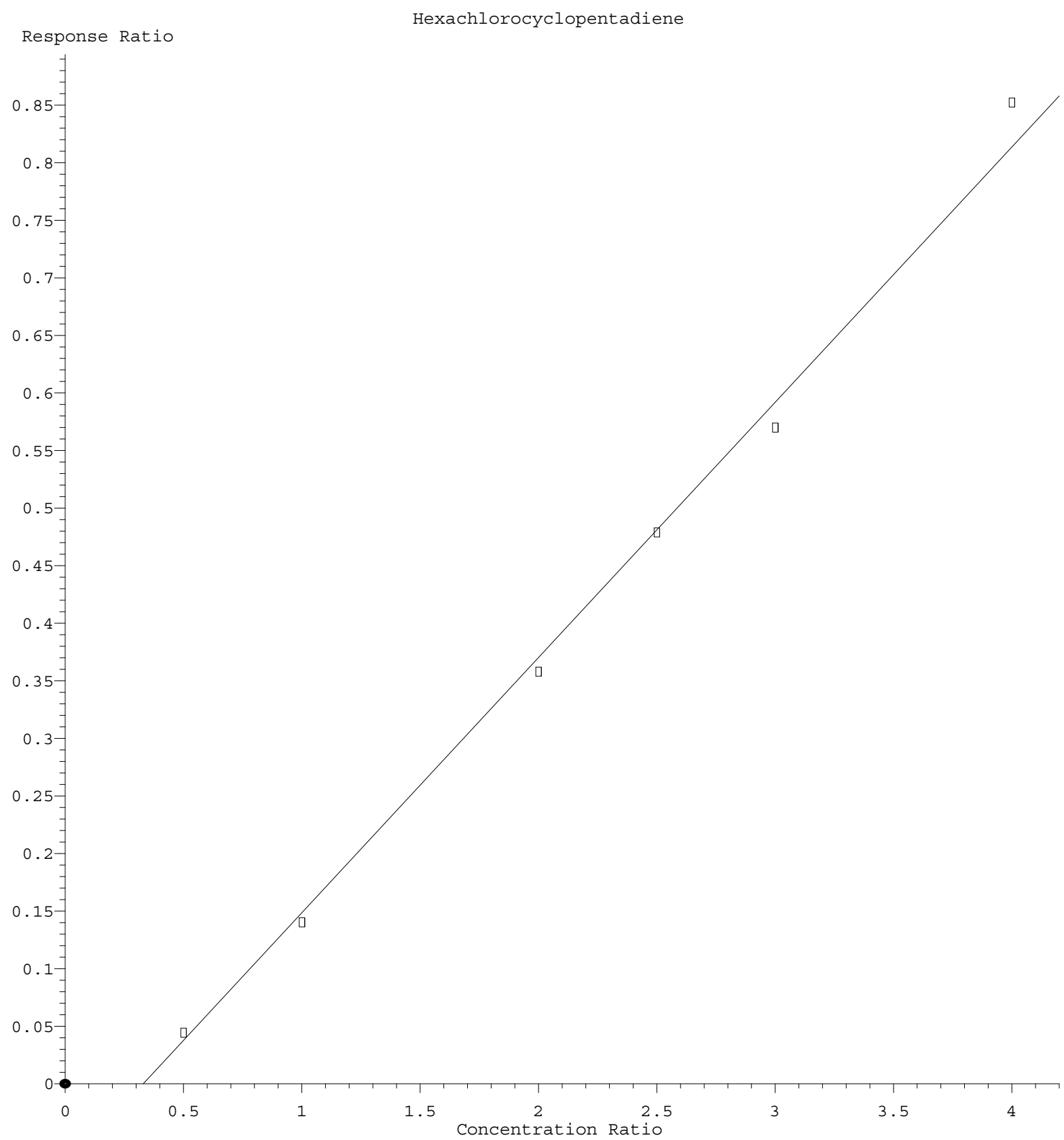
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF081525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.559	1.533	1.569	1.495	1.465	1.503	1.374	1.500	4.44
88)		Benzo(b)fluora...	1.147	1.002	1.158	1.090	1.030	1.042	1.036	1.072	5.66
89)		Benzo(k)fluora...	1.084	1.161	1.022	1.052	1.022	1.081	0.978	1.057	5.60
90)	C	Benzo(a)pyrene	1.005	1.017	1.054	1.043	1.009	1.042	0.976	1.021	2.68
91)		Dibenzo(a,h)an...	1.227	1.253	1.275	1.203	1.169	1.209	1.095	1.204	4.92
92)		Benzo(g,h,i)pe...	1.236	1.219	1.257	1.207	1.179	1.214	1.111	1.203	3.94

(#) = Out of Range



Response = 1.232e-001 * Amt - 3.554e-002
Coef of Det (r^2) = 0.993895 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081525.M
Calibration Table Last Updated: Mon Aug 18 04:40:19 2025



Response = 2.217e-001 * Amt - 7.311e-002
Coef of Det (r^2) = 0.996859 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF081525.M
Calibration Table Last Updated: Mon Aug 18 04:40:19 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143416.D
Acq On : 15 Aug 2025 14:29
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 15 18:24:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137517	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	527812	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	297167	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	489144	20.000	ng	0.00
76) Chrysene-d12	14.086	240	273482	20.000	ng	0.00
86) Perylene-d12	15.574	264	231757	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...	7.322	70	16577	2.686	ng	98

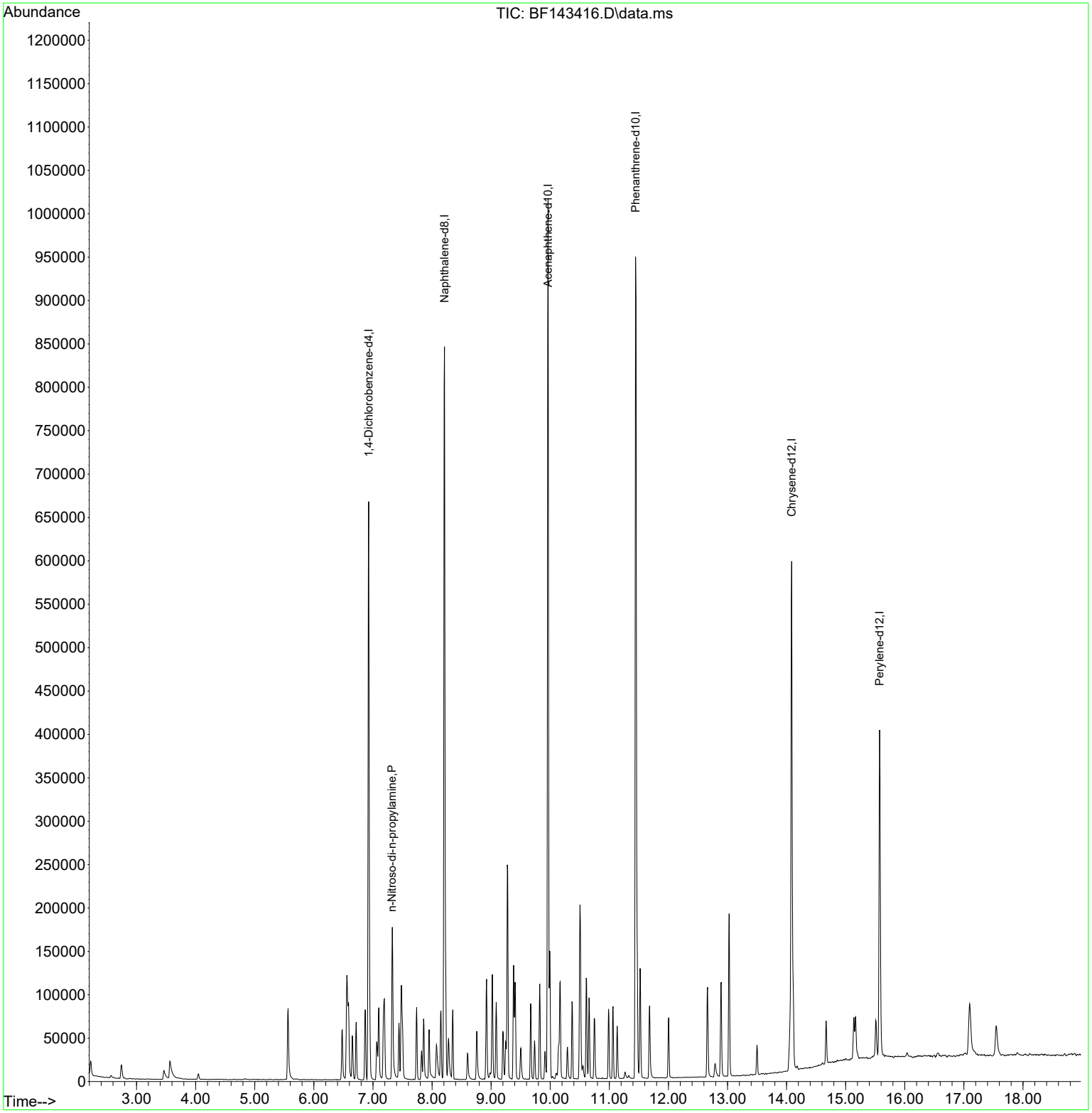
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143416.D
Acq On : 15 Aug 2025 14:29
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 15 18:24:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143417.D
Acq On : 15 Aug 2025 14:58
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 15 18:25:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	140697	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	547262	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	310490	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	510641	20.000	ng	0.00
76) Chrysene-d12	14.086	240	299111	20.000	ng	0.00
86) Perylene-d12	15.574	264	252550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	83844	10.359	ng	0.00
7) Phenol-d6	6.551	99	110675	10.850	ng	0.00
23) Nitrobenzene-d5	7.481	82	95780	10.385	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	28555	10.333	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	224285	12.150	ng	0.00
79) Terphenyl-d14	13.027	244	211547	11.881	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	19576	5.025	ng	97
3) Pyridine	3.540	79	47684	4.667	ng	94
6) Aniline	6.587	93	72592	5.242	ng	96
8) 2-Chlorophenol	6.716	128	46500	5.204	ng	98
10) Phenol	6.569	94	62795	5.276	ng	92
11) bis(2-Chloroethyl)ether	6.651	93	46627	5.285	ng	99
12) 1,3-Dichlorobenzene	6.869	146	55041	5.499	ng	97
13) 1,4-Dichlorobenzene	6.945	146	54237	5.427	ng	99
14) 1,2-Dichlorobenzene	7.098	146	52181	5.467	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	84900	5.629	ng	98
17) 2-Methylphenol	7.175	107	38840	5.327	ng	99
18) Hexachloroethane	7.439	117	18063	5.310	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	34674	5.491	ng	97
22) Acetophenone	7.328	105	68582	5.829	ng	97
24) Nitrobenzene	7.498	77	49053	5.089	ng	98
25) Isophorone	7.739	82	94764	5.369	ng	100
26) 2-Nitrophenol	7.822	139	19259	4.310	ng	99
27) 2,4-Dimethylphenol	7.857	122	40460	5.355	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	60331	5.561	ng	100
29) 2,4-Dichlorophenol	8.069	162	39920	5.183	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	43443	5.505	ng	98
31) Naphthalene	8.228	128	145941	5.617	ng	100
33) 4-Chloroaniline	8.275	127	48574	5.179	ng	99
34) Hexachlorobutadiene	8.351	225	27343	5.434	ng	96
36) 4-Chloro-3-methylphenol	8.757	107	42152	5.314	ng	100
37) 2-Methylnaphthalene	8.922	142	100864	5.759	ng	97
38) 1-Methylnaphthalene	9.016	142	96256	5.737	ng	100
40) 1,2,4,5-Tetrachloroben...	9.086	216	47429	5.477	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	26801	4.962	ng	100
44) 2,4,5-Trichlorophenol	9.245	196	29354	5.070	ng	99
46) 1,1'-Biphenyl	9.381	154	121744	5.581	ng	99
47) 2-Chloronaphthalene	9.404	162	95062	5.520	ng	97
48) 2-Nitroaniline	9.498	65	24258	4.734	ng	95
49) Acenaphthylene	9.822	152	136971	5.509	ng	99
50) Dimethylphthalate	9.669	163	106442	5.499	ng	100
51) 2,6-Dinitrotoluene	9.733	165	17305	4.535	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143417.D
Acq On : 15 Aug 2025 14:58
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 15 18:25:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.992	154	93335	5.581	ng	99
53) 3-Nitroaniline	9.910	138	19743	4.645	ng	98
55) Dibenzofuran	10.163	168	136138	5.643	ng	99
57) 2,4-Dinitrotoluene	10.139	165	22724	4.467	ng	92
58) Fluorene	10.510	166	109812	5.925	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	20210	4.611	ng	97
60) Diethylphthalate	10.369	149	101540	5.676	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	51941	5.669	ng	98
62) 4-Nitroaniline	10.516	138	18371	4.621	ng	93
63) Azobenzene	10.657	77	100999	5.586	ng	99
66) n-Nitrosodiphenylamine	10.610	169	90311	5.439	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	31653	5.249	ng	94
68) Hexachlorobenzene	11.057	284	35216	5.494	ng	95
69) Atrazine	11.133	200	24051	4.952	ng	99
71) Phenanthrene	11.469	178	157990	5.713	ng	99
72) Anthracene	11.522	178	157773	5.649	ng	99
73) Carbazole	11.674	167	133302	5.643	ng	99
74) Di-n-butylphthalate	12.004	149	123223	5.238	ng	100
75) Fluoranthene	12.657	202	144049	5.863	ng	99
78) Pyrene	12.886	202	146451	5.633	ng	99
80) Butylbenzylphthalate	13.498	149	26359	4.093	ng	99
81) Benzo(a)anthracene	14.074	228	98096	5.151	ng	98
83) Chrysene	14.110	228	92720	5.267	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	37419	4.092	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	98443	5.198	ng	98
88) Benzo(b)fluoranthene	15.133	252	72392	5.348	ng	99
89) Benzo(k)fluoranthene	15.162	252	68462	5.128	ng	99
90) Benzo(a)pyrene	15.510	252	63426	4.920	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	77441	5.092	ng	97
92) Benzo(g,h,i)perylene	17.545	276	78027	5.136	ng	99

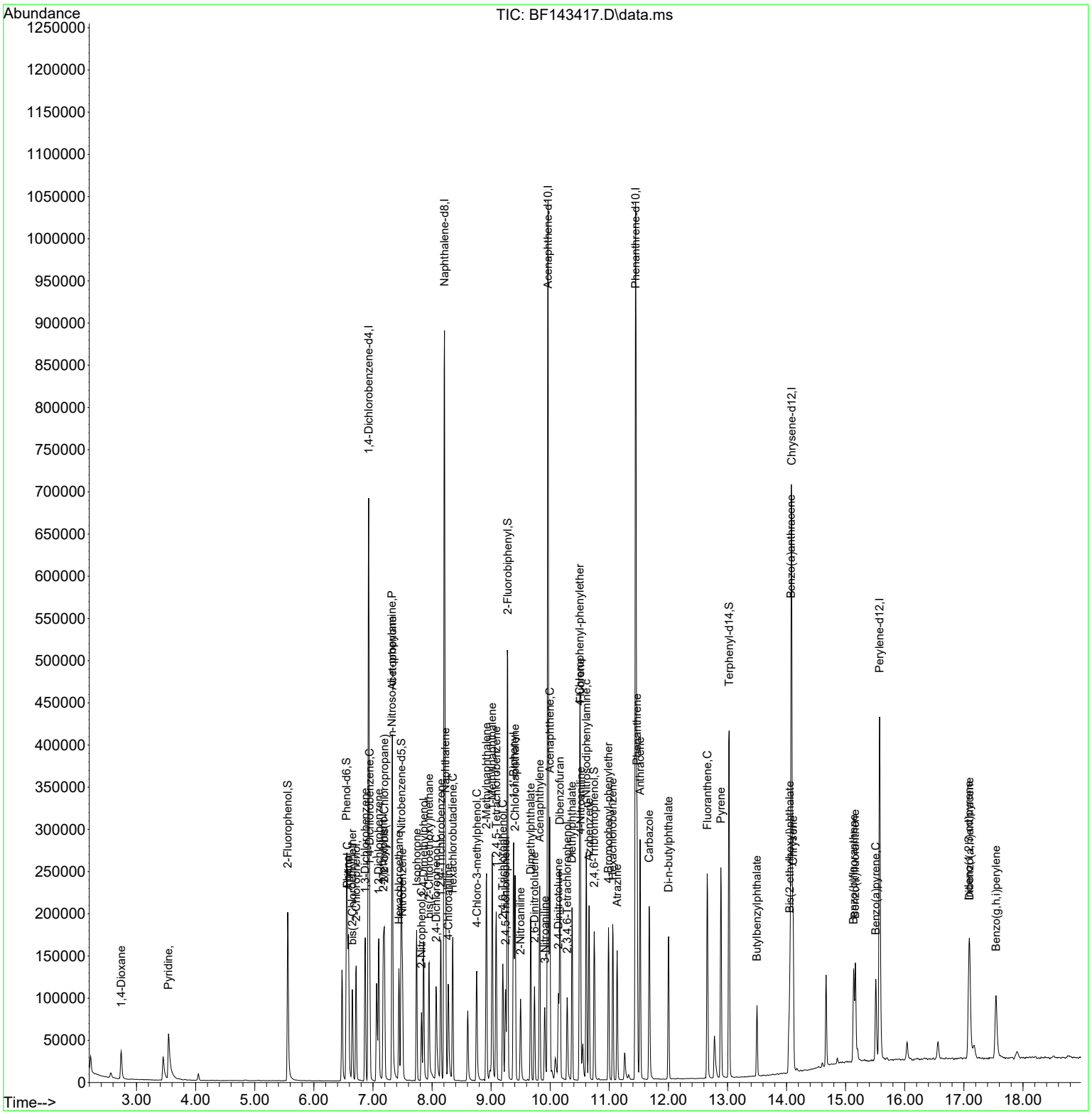
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143417.D
Acq On : 15 Aug 2025 14:58
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Aug 15 18:25:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143418.D
Acq On : 15 Aug 2025 15:28
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 15 18:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	126172	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	489700	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	268983	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	437552	20.000	ng		0.00
76) Chrysene-d12	14.086	240	267863	20.000	ng		0.00
86) Perylene-d12	15.574	264	237224	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	147543	20.328	ng		0.00
7) Phenol-d6	6.551	99	188455	20.603	ng		0.00
23) Nitrobenzene-d5	7.481	82	162906	19.740	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	47446	19.817	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	360367	22.534	ng		0.00
79) Terphenyl-d14	13.022	244	341694	21.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	35300	10.104	ng		97
3) Pyridine	3.522	79	86732	9.465	ng		99
4) n-Nitrosodimethylamine	3.434	42	40435	9.494	ng	#	98
6) Aniline	6.587	93	124989	10.065	ng		98
8) 2-Chlorophenol	6.716	128	81382	10.156	ng		98
9) Benzaldehyde	6.475	77	65816	13.525	ng		99
10) Phenol	6.569	94	110158	10.320	ng		93
11) bis(2-Chloroethyl)ether	6.651	93	79743	10.079	ng		98
12) 1,3-Dichlorobenzene	6.869	146	93323	10.397	ng		99
13) 1,4-Dichlorobenzene	6.945	146	93524	10.436	ng		99
14) 1,2-Dichlorobenzene	7.098	146	89646	10.473	ng		98
15) Benzyl Alcohol	7.063	79	64998	9.636	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	142528	10.537	ng		99
17) 2-Methylphenol	7.175	107	65382	10.000	ng		97
18) Hexachloroethane	7.440	117	30528	10.008	ng		99
19) n-Nitroso-di-n-propyla...	7.328	70	59208	10.456	ng		99
20) 3+4-Methylphenols	7.328	107	83322	10.659	ng		91
22) Acetophenone	7.328	105	112365	10.672	ng		100
24) Nitrobenzene	7.498	77	84934	9.847	ng		98
25) Isophorone	7.739	82	157251	9.956	ng		99
26) 2-Nitrophenol	7.822	139	36495	9.127	ng		99
27) 2,4-Dimethylphenol	7.857	122	70092	10.368	ng		97
28) bis(2-Chloroethoxy)met...	7.951	93	99022	10.200	ng		100
29) 2,4-Dichlorophenol	8.069	162	68826	9.987	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	73076	10.349	ng		96
31) Naphthalene	8.228	128	241652	10.394	ng		100
32) Benzoic acid	7.951	122	27803m	7.945	ng		
33) 4-Chloroaniline	8.275	127	86081	10.258	ng		98
34) Hexachlorobutadiene	8.351	225	45348	10.071	ng		97
35) Caprolactam	8.610	113	18911	9.531	ng		96
36) 4-Chloro-3-methylphenol	8.751	107	71072	10.013	ng		100
37) 2-Methylnaphthalene	8.922	142	166073	10.598	ng		100
38) 1-Methylnaphthalene	9.016	142	159110	10.597	ng		99
40) 1,2,4,5-Tetrachloroben...	9.086	216	78936	10.523	ng		98
41) Hexachlorocyclopentadiene	9.075	237	11930	10.597	ng		98
43) 2,4,6-Trichlorophenol	9.198	196	45852	9.798	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143418.D
Acq On : 15 Aug 2025 15:28
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Quant Time: Aug 15 18:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	48096	9.588	ng	95
46) 1,1'-Biphenyl	9.381	154	204923	10.843	ng	98
47) 2-Chloronaphthalene	9.404	162	157909	10.585	ng	98
48) 2-Nitroaniline	9.498	65	42604	9.597	ng	99
49) Acenaphthylene	9.822	152	225908	10.488	ng	99
50) Dimethylphthalate	9.669	163	173912	10.371	ng	100
51) 2,6-Dinitrotoluene	9.733	165	30248	9.150	ng	95
52) Acenaphthene	9.992	154	151452	10.454	ng	99
53) 3-Nitroaniline	9.904	138	35157	9.547	ng	94
54) 2,4-Dinitrophenol	10.022	184	7904	10.543	ng	95
55) Dibenzofuran	10.163	168	224434	10.739	ng	100
56) 4-Nitrophenol	10.081	139	17626	7.613	ng	94
57) 2,4-Dinitrotoluene	10.139	165	41418	9.397	ng	96
58) Fluorene	10.510	166	177326	11.045	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	35679	9.397	ng	97
60) Diethylphthalate	10.369	149	165814	10.700	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	85166	10.729	ng	99
62) 4-Nitroaniline	10.510	138	34292	9.957	ng	98
63) Azobenzene	10.657	77	162818	10.395	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	15949	7.065	ng	92
66) n-Nitrosodiphenylamine	10.610	169	145957	10.259	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	51111	9.892	ng	97
68) Hexachlorobenzene	11.057	284	55212	10.051	ng	98
69) Atrazine	11.133	200	41393	9.947	ng	99
70) Pentachlorophenol	11.257	266	16946	6.949	ng	95
71) Phenanthrene	11.469	178	252765	10.668	ng	100
72) Anthracene	11.522	178	253551	10.595	ng	100
73) Carbazole	11.675	167	217667	10.754	ng	99
74) Di-n-butylphthalate	11.998	149	209808	10.409	ng	100
75) Fluoranthene	12.657	202	236882	11.251	ng	99
77) Benzidine	12.774	184	85270	11.245	ng	99
78) Pyrene	12.886	202	243992	10.480	ng	98
80) Butylbenzylphthalate	13.498	149	49871	8.648	ng	98
81) Benzo(a)anthracene	14.074	228	170857	10.019	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	40733	8.158	ng	97
83) Chrysene	14.110	228	158897	10.079	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	65928	8.050	ng	98
85) Di-n-octyl phthalate	14.668	149	123077	7.410	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	181838	10.222	ng	99
88) Benzo(b)fluoranthene	15.133	252	118835	9.347	ng	99
89) Benzo(k)fluoranthene	15.163	252	137759	10.985	ng	99
90) Benzo(a)pyrene	15.510	252	120666	9.964	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	148583	10.401	ng	99
92) Benzo(g,h,i)perylene	17.539	276	144617	10.133	ng	99

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

ICAL Form

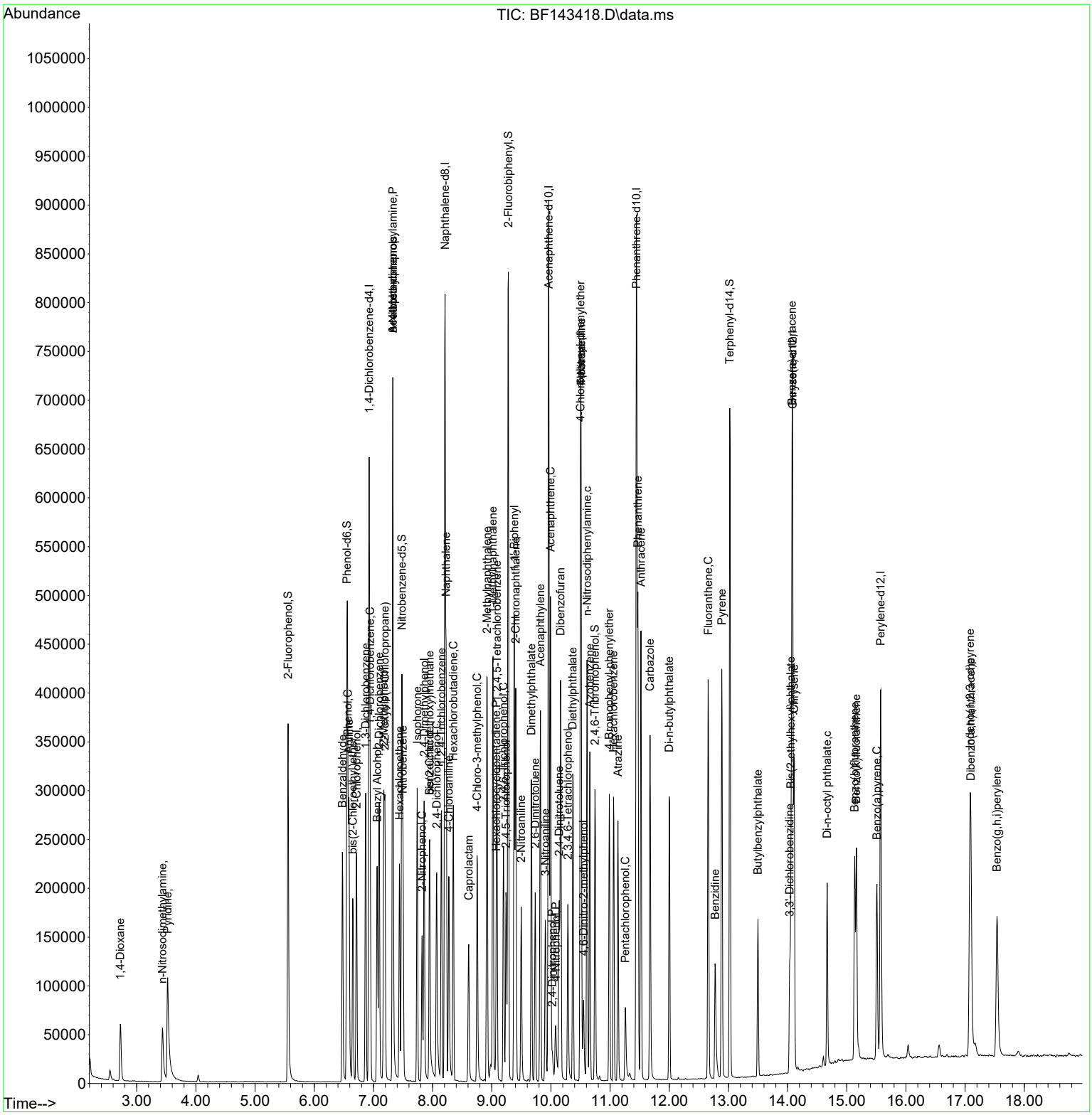
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143418.D
Acq On : 15 Aug 2025 15:28
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 15 18:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143419.D
Acq On : 15 Aug 2025 15:58
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 15 18:26:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131465	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	508953	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	281751	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	446308	20.000	ng	0.00
76) Chrysene-d12	14.086	240	237684	20.000	ng	0.00
86) Perylene-d12	15.574	264	269028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	322905	42.697	ng	0.00
7) Phenol-d6	6.557	99	403785	42.366	ng	0.00
23) Nitrobenzene-d5	7.481	82	358277	41.772	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	104587	41.705	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	727542	43.433	ng	0.00
79) Terphenyl-d14	13.027	244	631704	44.646	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	74627	20.500	ng	99
3) Pyridine	3.516	79	195638	20.491	ng	99
4) n-Nitrosodimethylamine	3.440	42	88004	19.831	ng	97
6) Aniline	6.587	93	274228	21.194	ng	98
8) 2-Chlorophenol	6.716	128	177182	21.221	ng	98
9) Benzaldehyde	6.475	77	140473	27.706	ng	99
10) Phenol	6.569	94	239446	21.530	ng	92
11) bis(2-Chloroethyl)ether	6.657	93	171939	20.856	ng	98
12) 1,3-Dichlorobenzene	6.869	146	197517	21.118	ng	99
13) 1,4-Dichlorobenzene	6.946	146	196309	21.024	ng	99
14) 1,2-Dichlorobenzene	7.098	146	188077	21.088	ng	100
15) Benzyl Alcohol	7.063	79	145881	20.755	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.193	45	301172	21.369	ng	99
17) 2-Methylphenol	7.175	107	141953	20.838	ng	98
18) Hexachloroethane	7.440	117	67502	21.238	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	123829	20.987	ng	98
20) 3+4-Methylphenols	7.328	107	182897	22.454	ng	98
22) Acetophenone	7.328	105	234922	21.468	ng	99
24) Nitrobenzene	7.504	77	189535	21.143	ng	99
25) Isophorone	7.740	82	341350	20.794	ng	100
26) 2-Nitrophenol	7.822	139	86694	20.862	ng	99
27) 2,4-Dimethylphenol	7.857	122	153145	21.796	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	210282	20.840	ng	100
29) 2,4-Dichlorophenol	8.069	162	153094	21.374	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	154544	21.058	ng	98
31) Naphthalene	8.228	128	515775	21.346	ng	100
32) Benzoic acid	7.957	122	71922m	19.776	ng	
33) 4-Chloroaniline	8.275	127	184406	21.143	ng	99
34) Hexachlorobutadiene	8.351	225	97824	20.903	ng	99
35) Caprolactam	8.622	113	42831	20.770	ng	97
36) 4-Chloro-3-methylphenol	8.757	107	153403	20.795	ng	98
37) 2-Methylnaphthalene	8.922	142	349766	21.475	ng	100
38) 1-Methylnaphthalene	9.022	142	337056	21.600	ng	100
40) 1,2,4,5-Tetrachloroben...	9.087	216	164739	20.965	ng	99
41) Hexachlorocyclopentadiene	9.075	237	39498	19.242	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	102250	20.860	ng	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143419.D
Acq On : 15 Aug 2025 15:58
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 15 18:26:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	111266	21.177	ng	98
46) 1,1'-Biphenyl	9.381	154	423276	21.382	ng	99
47) 2-Chloronaphthalene	9.410	162	332051	21.249	ng	98
48) 2-Nitroaniline	9.498	65	96534	20.759	ng	100
49) Acenaphthylene	9.822	152	480293	21.288	ng	99
50) Dimethylphthalate	9.675	163	367621	20.928	ng	99
51) 2,6-Dinitrotoluene	9.734	165	72730	21.003	ng	99
52) Acenaphthene	9.992	154	322026	21.221	ng	100
53) 3-Nitroaniline	9.910	138	79853	20.702	ng	99
54) 2,4-Dinitrophenol	10.022	184	24644	19.975	ng	97
55) Dibenzofuran	10.169	168	468229	21.390	ng	99
56) 4-Nitrophenol	10.075	139	47964	19.778	ng	98
57) 2,4-Dinitrotoluene	10.139	165	97735	21.170	ng	97
58) Fluorene	10.510	166	362746	21.570	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	82552	20.756	ng	96
60) Diethylphthalate	10.375	149	342918	21.125	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	175302	21.084	ng	99
62) 4-Nitroaniline	10.516	138	76220	21.129	ng	99
63) Azobenzene	10.657	77	346304	21.108	ng	98
65) 4,6-Dinitro-2-methylph...	10.551	198	43027	18.685	ng	96
66) n-Nitrosodiphenylamine	10.616	169	301902	20.804	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	108605	20.607	ng	96
68) Hexachlorobenzene	11.063	284	115655	20.642	ng	99
69) Atrazine	11.139	200	87958	20.722	ng	98
70) Pentachlorophenol	11.257	266	47465	19.081	ng	98
71) Phenanthrene	11.475	178	505004	20.895	ng	100
72) Anthracene	11.522	178	520546	21.325	ng	100
73) Carbazole	11.675	167	435759	21.107	ng	100
74) Di-n-butylphthalate	12.004	149	433056	21.064	ng	100
75) Fluoranthene	12.657	202	458001	21.327	ng	99
77) Benzidine	12.775	184	178128	26.473	ng	99
78) Pyrene	12.886	202	463473	22.435	ng	99
80) Butylbenzylphthalate	13.498	149	105931	20.702	ng	99
81) Benzo(a)anthracene	14.074	228	313332	20.706	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	90692	20.470	ng	98
83) Chrysene	14.110	228	294690	21.065	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	148211	20.395	ng	99
85) Di-n-octyl phthalate	14.669	149	287456	19.503	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	422226	20.929	ng	99
88) Benzo(b)fluoranthene	15.133	252	311415	21.598	ng	99
89) Benzo(k)fluoranthene	15.163	252	274840	19.326	ng	99
90) Benzo(a)pyrene	15.510	252	283654	20.655	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	343124	21.179	ng	99
92) Benzo(g,h,i)perylene	17.545	276	338060	20.888	ng	100

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

ICAL Form

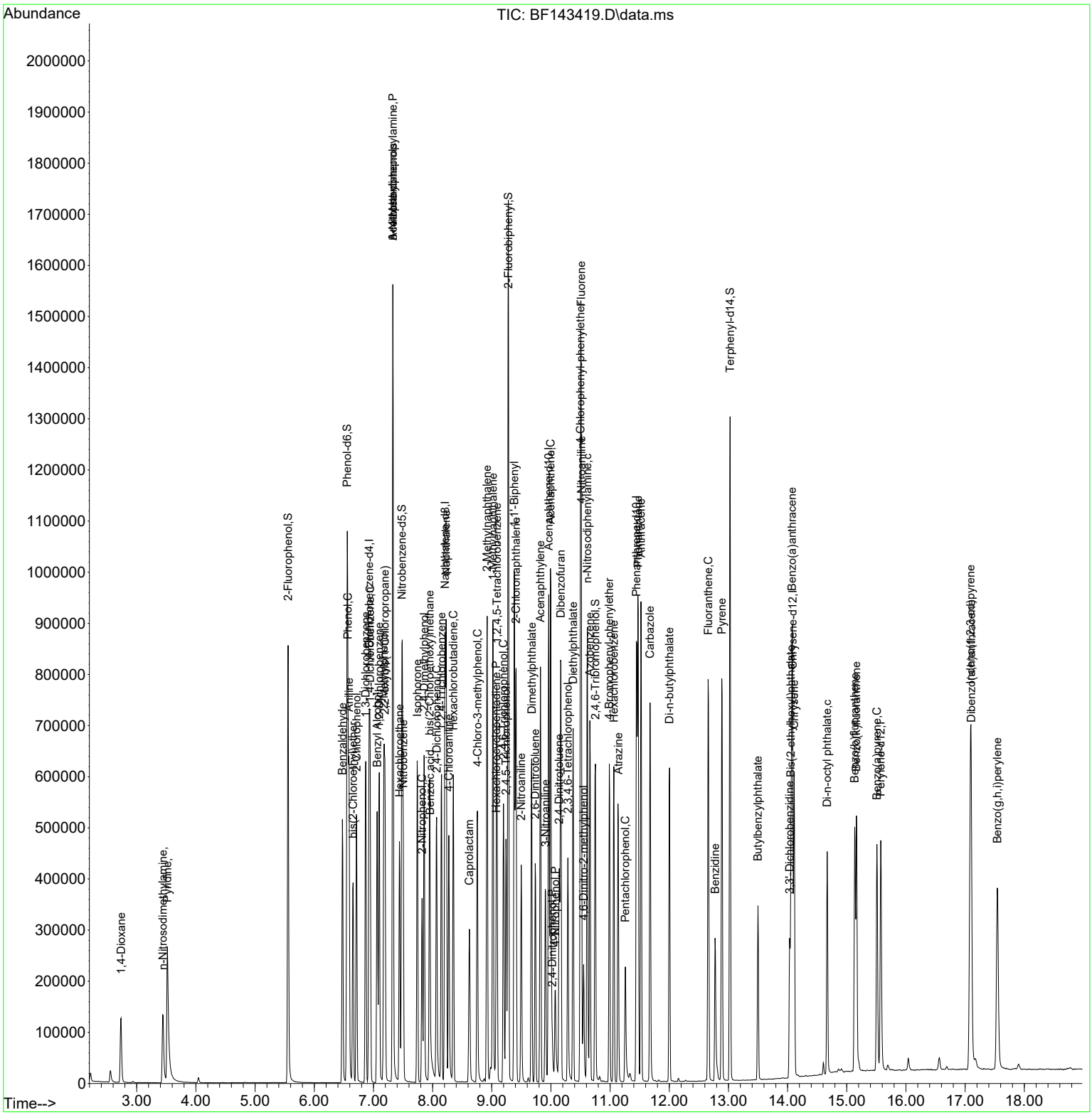
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143419.D
Acq On : 15 Aug 2025 15:58
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 15 18:26:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143420.D
Acq On : 15 Aug 2025 16:28
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 15 18:27:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	132257	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	505729	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	275083	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	418439	20.000	ng	0.00
76) Chrysene-d12	14.086	240	217298	20.000	ng	0.00
86) Perylene-d12	15.574	264	282413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	606940	79.773	ng	0.00
7) Phenol-d6	6.557	99	747976	78.010	ng	0.00
23) Nitrobenzene-d5	7.487	82	685209	80.398	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	194710	79.524	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1245188	76.137	ng	0.00
79) Terphenyl-d14	13.027	244	996745	77.055	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	149291	40.765	ng	100
3) Pyridine	3.510	79	393429	40.960	ng	100
4) n-Nitrosodimethylamine	3.452	42	180000	40.318	ng	100
6) Aniline	6.593	93	524888	40.324	ng	100
8) 2-Chlorophenol	6.716	128	331125	39.421	ng	100
9) Benzaldehyde	6.475	77	194204	38.074	ng	100
10) Phenol	6.575	94	449047	40.134	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	327002	39.428	ng	100
12) 1,3-Dichlorobenzene	6.869	146	369069	39.224	ng	100
13) 1,4-Dichlorobenzene	6.946	146	369492	39.334	ng	100
14) 1,2-Dichlorobenzene	7.098	146	350532	39.068	ng	100
15) Benzyl Alcohol	7.069	79	285470	40.372	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	554459	39.105	ng	100
17) 2-Methylphenol	7.181	107	271001	39.543	ng	100
18) Hexachloroethane	7.440	117	126367	39.521	ng	100
19) n-Nitroso-di-n-propyla...	7.334	70	228365	38.472	ng	100
20) 3+4-Methylphenols	7.334	107	328370	40.072	ng	100
22) Acetophenone	7.334	105	423320	38.931	ng	100
24) Nitrobenzene	7.504	77	361256	40.556	ng	100
25) Isophorone	7.745	82	641248	39.312	ng	100
26) 2-Nitrophenol	7.822	139	171491	41.530	ng	100
27) 2,4-Dimethylphenol	7.863	122	272589	39.043	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	394269	39.324	ng	100
29) 2,4-Dichlorophenol	8.069	162	284618	39.990	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	286685	39.312	ng	100
31) Naphthalene	8.234	128	951330	39.623	ng	100
32) Benzoic acid	7.975	122	144395	39.956	ng	100
33) 4-Chloroaniline	8.275	127	348006	40.155	ng	100
34) Hexachlorobutadiene	8.351	225	185656	39.924	ng	100
35) Caprolactam	8.645	113	81112	39.584	ng	100
36) 4-Chloro-3-methylphenol	8.757	107	291801	39.809	ng	100
37) 2-Methylnaphthalene	8.922	142	631789	39.038	ng	100
38) 1-Methylnaphthalene	9.022	142	604084	38.959	ng	100
40) 1,2,4,5-Tetrachloroben...	9.087	216	301932	39.357	ng	100
41) Hexachlorocyclopentadiene	9.081	237	98458	38.885	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	194463	40.635	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143420.D
Acq On : 15 Aug 2025 16:28
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 15 18:27:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	207994	40.546	ng	100
46) 1,1'-Biphenyl	9.381	154	756357	39.133	ng	100
47) 2-Chloronaphthalene	9.410	162	595680	39.044	ng	100
48) 2-Nitroaniline	9.498	65	184632	40.666	ng	100
49) Acenaphthylene	9.822	152	865258	39.280	ng	100
50) Dimethylphthalate	9.675	163	665610	38.811	ng	100
51) 2,6-Dinitrotoluene	9.739	165	138694	41.024	ng	100
52) Acenaphthene	9.998	154	573888	38.736	ng	100
53) 3-Nitroaniline	9.910	138	155480	41.285	ng	100
54) 2,4-Dinitrophenol	10.022	184	52940	37.023	ng	100
55) Dibenzofuran	10.169	168	834107	39.027	ng	100
56) 4-Nitrophenol	10.075	139	98425	41.570	ng	100
57) 2,4-Dinitrotoluene	10.145	165	183519	40.714	ng	100
58) Fluorene	10.510	166	623065	37.948	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	163623	42.137	ng	100
60) Diethylphthalate	10.375	149	609804	38.477	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	315863	38.911	ng	100
62) 4-Nitroaniline	10.522	138	143326	40.695	ng	100
63) Azobenzene	10.663	77	625307	39.038	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	89738	41.565	ng	100
66) n-Nitrosodiphenylamine	10.616	169	539955	39.686	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	197382	39.946	ng	100
68) Hexachlorobenzene	11.063	284	204335	38.899	ng	100
69) Atrazine	11.139	200	159131	39.987	ng	100
70) Pentachlorophenol	11.257	266	95543	40.967	ng	100
71) Phenanthrene	11.475	178	887025	39.146	ng	100
72) Anthracene	11.528	178	891035	38.933	ng	100
73) Carbazole	11.675	167	748842	38.687	ng	100
74) Di-n-butylphthalate	12.004	149	746153	38.710	ng	100
75) Fluoranthene	12.663	202	747356	37.119	ng	100
77) Benzidine	12.775	184	246322	40.043	ng	100
78) Pyrene	12.892	202	737731	39.060	ng	100
80) Butylbenzylphthalate	13.498	149	199307	42.604	ng	100
81) Benzo(a)anthracene	14.074	228	545178	39.407	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	170953	42.205	ng	100
83) Chrysene	14.110	228	518778	40.562	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	290451	43.719	ng	100
85) Di-n-octyl phthalate	14.669	149	578031	42.897	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	844235	39.863	ng	100
88) Benzo(b)fluoranthene	15.139	252	615448	40.661	ng	100
89) Benzo(k)fluoranthene	15.169	252	594473	39.820	ng	100
90) Benzo(a)pyrene	15.510	252	589150	40.866	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	679495	39.953	ng	100
92) Benzo(g,h,i)perylene	17.551	276	681509	40.113	ng	100

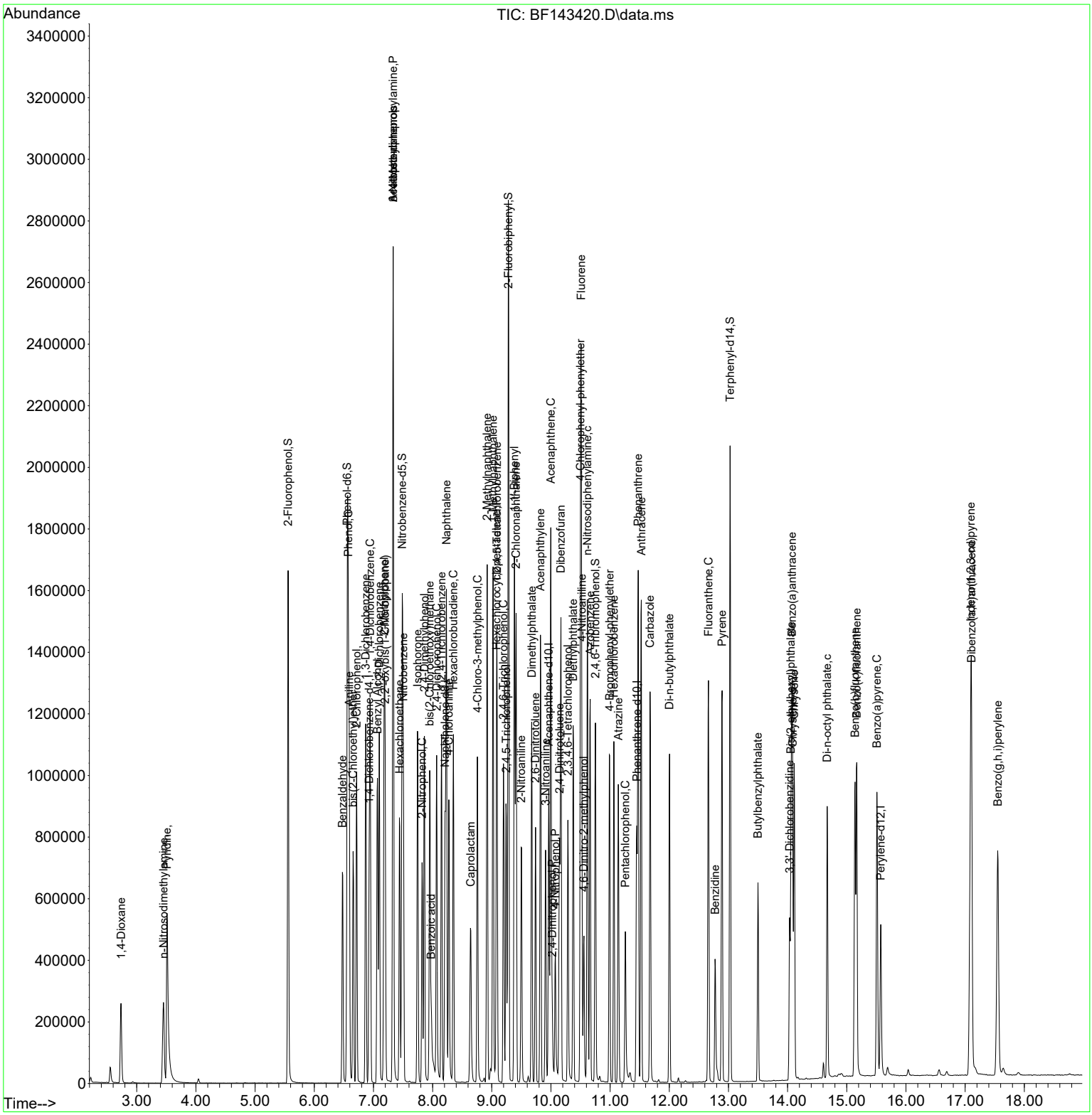
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143420.D
Acq On : 15 Aug 2025 16:28
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Aug 15 18:27:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143421.D
Acq On : 15 Aug 2025 16:58
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 15 18:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	130868	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	501440	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	269402	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	399933	20.000	ng	0.00
76) Chrysene-d12	14.086	240	212755	20.000	ng	0.00
86) Perylene-d12	15.574	264	292857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	720631	95.722	ng	0.00
7) Phenol-d6	6.563	99	905039	95.393	ng	0.00
23) Nitrobenzene-d5	7.487	82	826629	97.821	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	230532	96.140	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1446406	90.305	ng	0.00
79) Terphenyl-d14	13.027	244	1124159	88.761	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	175435	48.412	ng	99
3) Pyridine	3.510	79	478644	50.361	ng	99
4) n-Nitrosodimethylamine	3.452	42	220531	49.920	ng	100
6) Aniline	6.593	93	622834	48.357	ng	97
8) 2-Chlorophenol	6.716	128	395716	47.611	ng	99
9) Benzaldehyde	6.481	77	208469	41.304	ng	99
10) Phenol	6.575	94	530907	47.954	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	394817	48.110	ng	98
12) 1,3-Dichlorobenzene	6.869	146	436132	46.843	ng	99
13) 1,4-Dichlorobenzene	6.946	146	443461	47.709	ng	99
14) 1,2-Dichlorobenzene	7.098	146	420628	47.378	ng	100
15) Benzyl Alcohol	7.069	79	346568	49.533	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	658959	46.969	ng	97
17) 2-Methylphenol	7.181	107	323714	47.736	ng	99
18) Hexachloroethane	7.440	117	150926	47.703	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	271764	46.269	ng	98
20) 3+4-Methylphenols	7.334	107	381880	47.097	ng	97
22) Acetophenone	7.334	105	494892	45.903	ng	98
24) Nitrobenzene	7.510	77	432934	49.019	ng	97
25) Isophorone	7.751	82	771184	47.682	ng	99
26) 2-Nitrophenol	7.828	139	212674	51.944	ng	97
27) 2,4-Dimethylphenol	7.863	122	328110	47.397	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	468573	47.135	ng	99
29) 2,4-Dichlorophenol	8.069	162	339906	48.167	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	343045	47.443	ng	100
31) Naphthalene	8.234	128	1117518	46.943	ng	100
32) Benzoic acid	7.981	122	182945	51.056	ng	98
33) 4-Chloroaniline	8.275	127	414537	48.241	ng	100
34) Hexachlorobutadiene	8.351	225	218677	47.427	ng	98
35) Caprolactam	8.651	113	100206	49.321	ng	97
36) 4-Chloro-3-methylphenol	8.757	107	352945	48.562	ng	99
37) 2-Methylnaphthalene	8.922	142	742483	46.270	ng	99
38) 1-Methylnaphthalene	9.022	142	716623	46.612	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	358160	47.670	ng	99
41) Hexachlorocyclopentadiene	9.081	237	129004	49.794	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	229793	49.030	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143421.D
Acq On : 15 Aug 2025 16:58
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 15 18:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	249336	49.630	ng	99
46) 1,1'-Biphenyl	9.387	154	886393	46.828	ng	100
47) 2-Chloronaphthalene	9.410	162	706570	47.289	ng	99
48) 2-Nitroaniline	9.504	65	223540	50.274	ng	97
49) Acenaphthylene	9.822	152	1023016	47.421	ng	100
50) Dimethylphthalate	9.675	163	793803	47.261	ng	100
51) 2,6-Dinitrotoluene	9.739	165	168362	50.849	ng	99
52) Acenaphthene	9.998	154	686068	47.284	ng	100
53) 3-Nitroaniline	9.910	138	184361	49.986	ng	100
54) 2,4-Dinitrophenol	10.022	184	68752	47.214	ng	98
55) Dibenzofuran	10.169	168	974240	46.545	ng	99
56) 4-Nitrophenol	10.075	139	119993	51.748	ng	98
57) 2,4-Dinitrotoluene	10.145	165	221081	50.082	ng	99
58) Fluorene	10.510	166	727083	45.217	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	190929	50.205	ng	98
60) Diethylphthalate	10.381	149	710763	45.793	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	371115	46.681	ng	98
62) 4-Nitroaniline	10.528	138	166617	48.306	ng	99
63) Azobenzene	10.663	77	736604	46.957	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	107140	51.921	ng	97
66) n-Nitrosodiphenylamine	10.616	169	623583	47.953	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	231927	49.109	ng	99
68) Hexachlorobenzene	11.063	284	241672	48.135	ng	99
69) Atrazine	11.139	200	184670	48.552	ng	99
70) Pentachlorophenol	11.257	266	116662	52.337	ng	99
71) Phenanthrene	11.475	178	1007589	46.525	ng	100
72) Anthracene	11.528	178	1024065	46.817	ng	99
73) Carbazole	11.675	167	848940	45.888	ng	99
74) Di-n-butylphthalate	12.004	149	850780	46.180	ng	100
75) Fluoranthene	12.663	202	844131	43.866	ng	99
77) Benzidine	12.775	184	261682	43.448	ng	99
78) Pyrene	12.892	202	849028	45.913	ng	99
80) Butylbenzylphthalate	13.498	149	239484	52.286	ng	99
81) Benzo(a)anthracene	14.074	228	644570	47.587	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	205554	51.831	ng	100
83) Chrysene	14.110	228	614856	49.101	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	364131	55.980	ng	99
85) Di-n-octyl phthalate	14.669	149	733517	55.599	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	1072706	48.845	ng	100
88) Benzo(b)fluoranthene	15.139	252	753963	48.035	ng	99
89) Benzo(k)fluoranthene	15.168	252	748201	48.329	ng	100
90) Benzo(a)pyrene	15.516	252	738784	49.418	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	855766	48.523	ng	100
92) Benzo(g,h,i)perylene	17.557	276	863384	49.005	ng	99

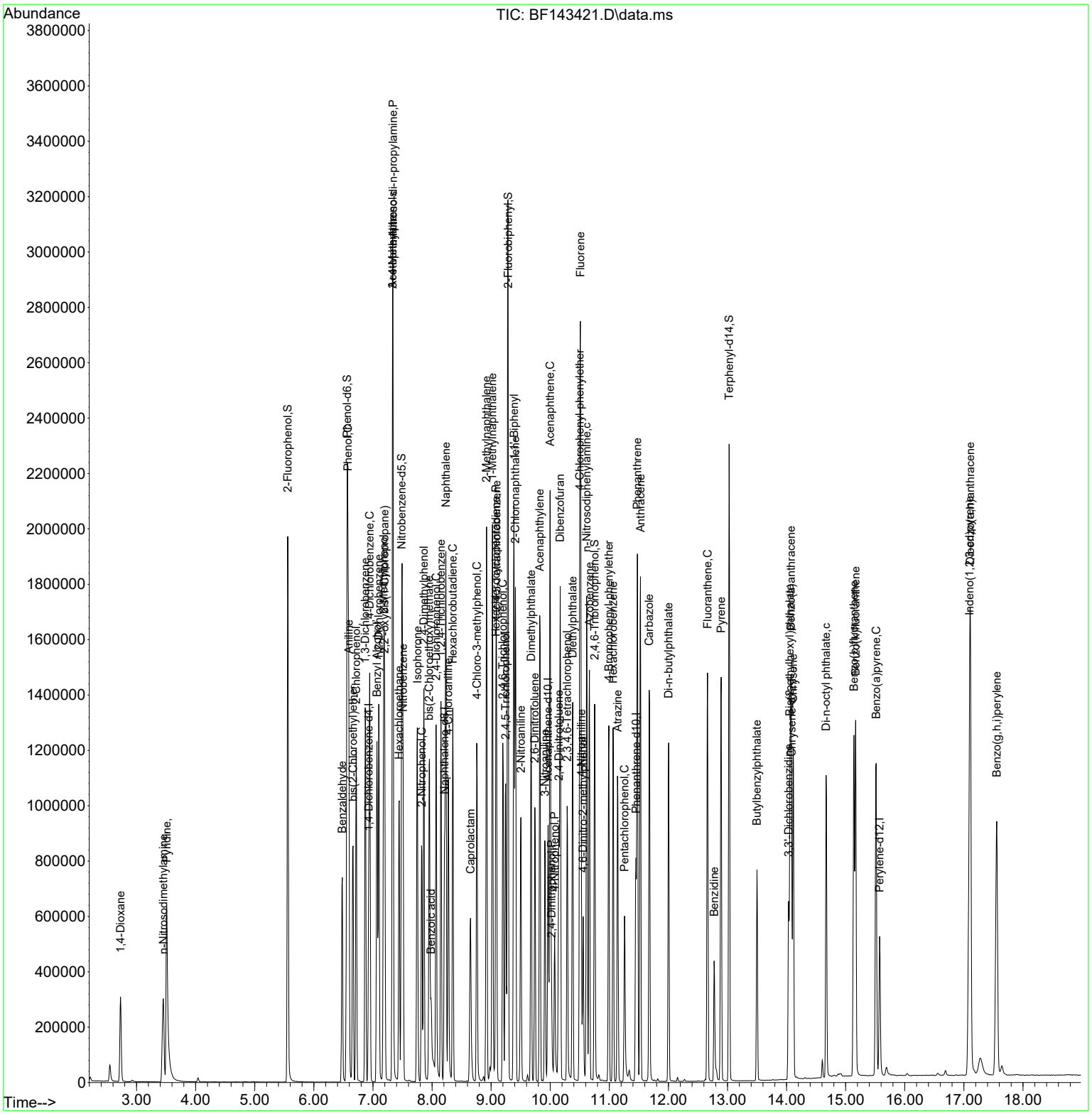
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143421.D
Acq On : 15 Aug 2025 16:58
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Aug 15 18:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143422.D
Acq On : 15 Aug 2025 17:27
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 15 18:29:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	103004	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	394093	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	216471	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	345949	20.000	ng	0.00
76) Chrysene-d12	14.086	240	183739	20.000	ng	0.00
86) Perylene-d12	15.574	264	234521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	706677	119.261	ng	0.00
7) Phenol-d6	6.563	99	874080	117.052	ng	0.00
23) Nitrobenzene-d5	7.487	82	801462	120.677	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	240835	124.995	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1405470	109.206	ng	0.00
79) Terphenyl-d14	13.027	244	1336250	122.168	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	170131	59.648	ng	100
3) Pyridine	3.481	79	468124	62.578	ng	100
4) n-Nitrosodimethylamine	3.422	42	213122	61.294	ng	99
6) Aniline	6.592	93	600661	59.251	ng	97
8) 2-Chlorophenol	6.716	128	388837	59.438	ng	99
9) Benzaldehyde	6.475	77	197912	49.820	ng	99
10) Phenol	6.575	94	514768	59.074	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	381275	59.028	ng	99
12) 1,3-Dichlorobenzene	6.869	146	427836	58.383	ng	100
13) 1,4-Dichlorobenzene	6.945	146	425679	58.184	ng	99
14) 1,2-Dichlorobenzene	7.098	146	404912	57.945	ng	99
15) Benzyl Alcohol	7.069	79	333850	60.623	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	638435	57.816	ng	98
17) 2-Methylphenol	7.181	107	319847	59.925	ng	99
18) Hexachloroethane	7.439	117	147825	59.362	ng	98
19) n-Nitroso-di-n-propyla...	7.339	70	263397	56.976	ng	99
20) 3+4-Methylphenols	7.334	107	375256	58.800	ng	96
22) Acetophenone	7.334	105	480508	56.709	ng	98
24) Nitrobenzene	7.510	77	418529	60.296	ng	97
25) Isophorone	7.751	82	762143	59.959	ng	99
26) 2-Nitrophenol	7.828	139	207903	64.610	ng	97
27) 2,4-Dimethylphenol	7.863	122	318392	58.521	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	462973	59.257	ng	99
29) 2,4-Dichlorophenol	8.069	162	335897	60.564	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	333743	58.729	ng	99
31) Naphthalene	8.234	128	1088551	58.181	ng	100
32) Benzoic acid	7.981	122	185215	65.770	ng	98
33) 4-Chloroaniline	8.275	127	405337	60.020	ng	99
34) Hexachlorobutadiene	8.351	225	215339	59.425	ng	98
35) Caprolactam	8.651	113	102996	64.503	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	347155	60.776	ng	99
37) 2-Methylnaphthalene	8.922	142	728301	57.750	ng	100
38) 1-Methylnaphthalene	9.022	142	690769	57.169	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	350585	58.072	ng	100
41) Hexachlorocyclopentadiene	9.081	237	123367	58.008	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	229993	61.072	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143422.D
Acq On : 15 Aug 2025 17:27
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 15 18:29:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	244578	60.587	ng	99
46) 1,1'-Biphenyl	9.386	154	864141	56.815	ng	99
47) 2-Chloronaphthalene	9.410	162	693668	57.777	ng	99
48) 2-Nitroaniline	9.504	65	226112	63.287	ng	97
49) Acenaphthylene	9.828	152	1009829	58.256	ng	99
50) Dimethylphthalate	9.675	163	804304	59.596	ng	99
51) 2,6-Dinitrotoluene	9.739	165	170673	64.151	ng	99
52) Acenaphthene	9.998	154	686545	58.887	ng	99
53) 3-Nitroaniline	9.910	138	190315	64.218	ng	99
54) 2,4-Dinitrophenol	10.022	184	75977	62.767	ng	98
55) Dibenzofuran	10.169	168	972484	57.822	ng	99
56) 4-Nitrophenol	10.075	139	127015	68.171	ng	95
57) 2,4-Dinitrotoluene	10.145	165	235687	66.446	ng	99
58) Fluorene	10.510	166	737784	57.102	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	199075	65.147	ng	98
60) Diethylphthalate	10.380	149	746953	59.893	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	372354	58.290	ng	96
62) 4-Nitroaniline	10.528	138	183532	66.220	ng	99
63) Azobenzene	10.663	77	751747	59.640	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	121894	68.289	ng	96
66) n-Nitrosodiphenylamine	10.622	169	646995	57.518	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	239597	58.650	ng	99
68) Hexachlorobenzene	11.063	284	253488	58.367	ng	99
69) Atrazine	11.145	200	208818	63.468	ng	99
70) Pentachlorophenol	11.257	266	127891	66.328	ng	99
71) Phenanthrene	11.475	178	1073495	57.303	ng	100
72) Anthracene	11.527	178	1084628	57.323	ng	99
73) Carbazole	11.680	167	944227	59.003	ng	100
74) Di-n-butylphthalate	12.004	149	1011466	63.470	ng	99
75) Fluoranthene	12.663	202	991147	59.543	ng	99
77) Benzidine	12.774	184	298398	57.369	ng	100
78) Pyrene	12.892	202	995037	62.306	ng	100
80) Butylbenzylphthalate	13.498	149	268326	67.834	ng	99
81) Benzo(a)anthracene	14.074	228	733117	62.671	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	212422	62.021	ng	99
83) Chrysene	14.116	228	627062	57.984	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	357629	63.663	ng	99
85) Di-n-octyl phthalate	14.668	149	708936	62.221	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1057633	60.138	ng	99
88) Benzo(b)fluoranthene	15.139	252	732842	58.304	ng	99
89) Benzo(k)fluoranthene	15.168	252	760663	61.356	ng	99
90) Benzo(a)pyrene	15.515	252	733266	61.250	ng	100
91) Dibenzo(a,h)anthracene	17.109	278	850641	60.230	ng	99
92) Benzo(g,h,i)perylene	17.556	276	854308	60.552	ng	99

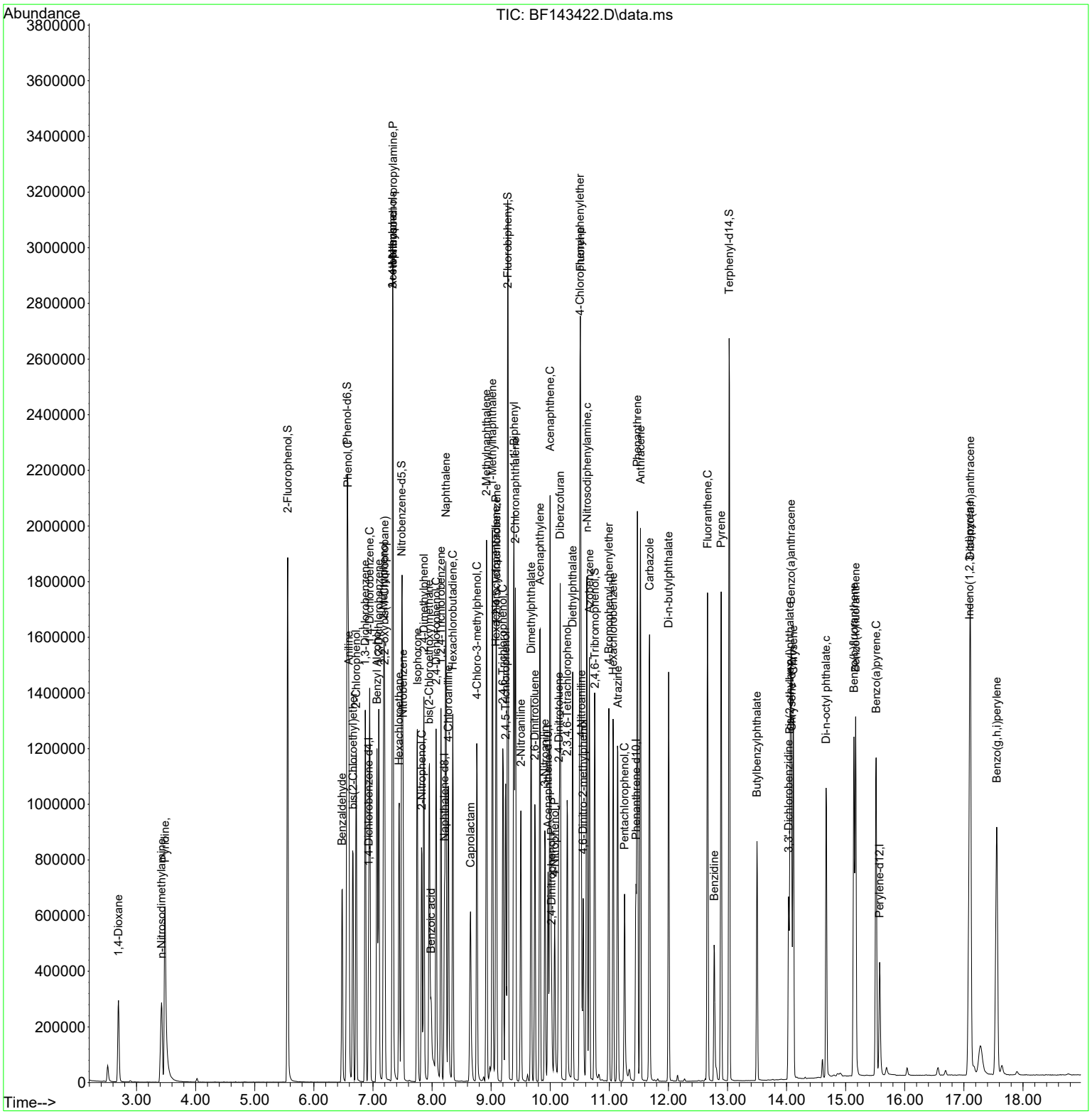
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143422.D
Acq On : 15 Aug 2025 17:27
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Aug 15 18:29:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143423.D
Acq On : 15 Aug 2025 17:57
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 15 18:35:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	127613	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	496955	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	263799	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	374109	20.000	ng		0.00
76) Chrysene-d12	14.092	240	220524	20.000	ng		0.00
86) Perylene-d12	15.574	264	303217	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	1094798	149.132	ng		0.00
7) Phenol-d6	6.569	99	1363579	147.389	ng		0.01
23) Nitrobenzene-d5	7.492	82	1261400	150.617	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	351705	149.789	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	2026738	129.225	ng		0.00
79) Terphenyl-d14	13.033	244	1586760	120.873	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	276532	78.256	ng		99
3) Pyridine	3.510	79	757343	81.717	ng		99
4) n-Nitrosodimethylamine	3.469	42	355369	82.495	ng		99
6) Aniline	6.592	93	926945	73.803	ng	#	72
8) 2-Chlorophenol	6.722	128	618701	76.338	ng		99
9) Benzaldehyde	6.481	77	257472	52.314	ng		98
10) Phenol	6.587	94	768115	71.149	ng	#	74
11) bis(2-Chloroethyl)ether	6.663	93	614996	76.851	ng		99
12) 1,3-Dichlorobenzene	6.875	146	663965	73.133	ng		99
13) 1,4-Dichlorobenzene	6.945	146	661667	73.000	ng		99
14) 1,2-Dichlorobenzene	7.098	146	633632	73.190	ng		99
15) Benzyl Alcohol	7.075	79	539442	79.066	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	953823	69.720	ng		84
17) 2-Methylphenol	7.187	107	502851	76.044	ng		97
18) Hexachloroethane	7.445	117	232945	75.504	ng		98
19) n-Nitroso-di-n-propyla...	7.351	70	410455	71.664	ng		96
20) 3+4-Methylphenols	7.339	107	560730	70.919	ng		94
22) Acetophenone	7.339	105	732714	68.575	ng	#	97
24) Nitrobenzene	7.516	77	659006	75.289	ng		98
25) Isophorone	7.757	82	1224888	76.418	ng		99
26) 2-Nitrophenol	7.828	139	333788	82.260	ng		99
27) 2,4-Dimethylphenol	7.869	122	495612	72.240	ng		98
28) bis(2-Chloroethoxy)met...	7.957	93	719188	72.998	ng		99
29) 2,4-Dichlorophenol	8.075	162	516697	73.880	ng		100
30) 1,2,4-Trichlorobenzene	8.151	180	516357	72.057	ng		99
31) Naphthalene	8.234	128	1643524	69.661	ng		99
32) Benzoic acid	8.004	122	320776	90.330	ng		98
33) 4-Chloroaniline	8.281	127	621429	72.971	ng		99
34) Hexachlorobutadiene	8.351	225	337758	73.915	ng		98
35) Caprolactam	8.669	113	154207	76.585	ng		98
36) 4-Chloro-3-methylphenol	8.763	107	528206	73.333	ng		99
37) 2-Methylnaphthalene	8.928	142	1082367	68.060	ng		99
38) 1-Methylnaphthalene	9.022	142	1040898	68.315	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	528998	71.904	ng		100
41) Hexachlorocyclopentadiene	9.081	237	224806	83.474	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	356299	77.637	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143423.D
Acq On : 15 Aug 2025 17:57
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 15 18:35:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

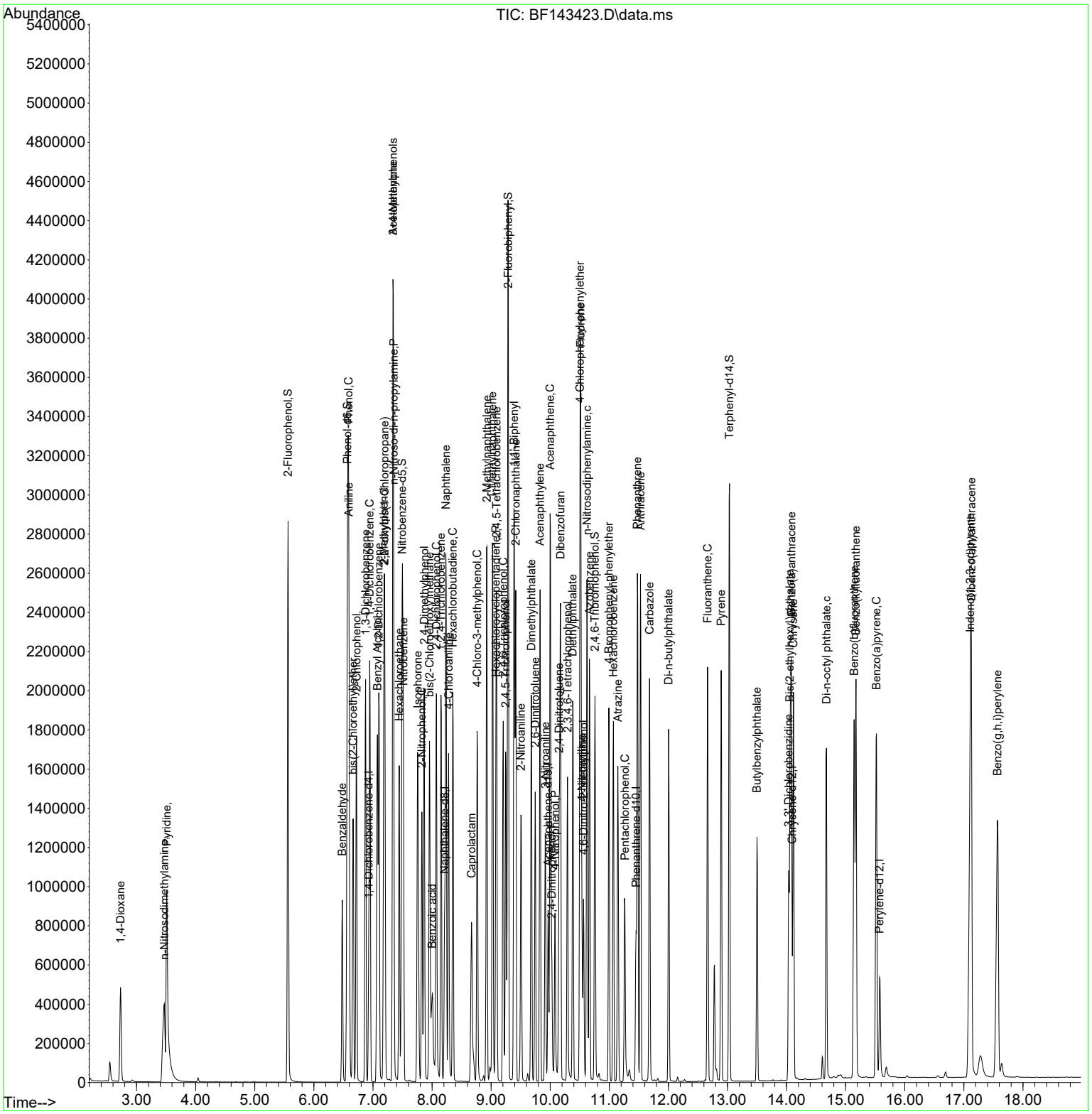
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	374807	76.189	ng	97
46) 1,1'-Biphenyl	9.386	154	1288126	69.497	ng	100
47) 2-Chloronaphthalene	9.416	162	1041882	71.212	ng	100
48) 2-Nitroaniline	9.504	65	340918	78.301	ng	100
49) Acenaphthylene	9.828	152	1493270	70.690	ng	99
50) Dimethylphthalate	9.680	163	1194741	72.643	ng	100
51) 2,6-Dinitrotoluene	9.745	165	263550	81.289	ng	98
52) Acenaphthene	9.998	154	1002131	70.534	ng	99
53) 3-Nitroaniline	9.916	138	282887	78.329	ng	99
54) 2,4-Dinitrophenol	10.028	184	124607	82.478	ng	96
55) Dibenzofuran	10.175	168	1406148	68.607	ng	98
56) 4-Nitrophenol	10.080	139	188791	83.148	ng	98
57) 2,4-Dinitrotoluene	10.151	165	339430	78.525	ng	99
58) Fluorene	10.516	166	1041922	66.173	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	285106	76.562	ng	96
60) Diethylphthalate	10.380	149	1048638	68.997	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	536308	68.893	ng	98
62) 4-Nitroaniline	10.533	138	253013	74.911	ng	98
63) Azobenzene	10.663	77	1079950	70.306	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	176602	91.491	ng	98
66) n-Nitrosodiphenylamine	10.622	169	911081	74.898	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	343614	77.781	ng	98
68) Hexachlorobenzene	11.069	284	359214	76.486	ng	97
69) Atrazine	11.145	200	270449	76.013	ng	99
70) Pentachlorophenol	11.263	266	186470	89.429	ng	99
71) Phenanthrene	11.474	178	1428719	70.524	ng	99
72) Anthracene	11.527	178	1439557	70.354	ng	99
73) Carbazole	11.680	167	1207594	69.780	ng	100
74) Di-n-butylphthalate	12.004	149	1253224	72.721	ng	99
75) Fluoranthene	12.663	202	1207144	67.060	ng	99
78) Pyrene	12.892	202	1181381	61.635	ng	100
80) Butylbenzylphthalate	13.498	149	394998	83.201	ng	99
81) Benzo(a)anthracene	14.080	228	1068277	76.089	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	340456	82.823	ng	100
83) Chrysene	14.115	228	958475	73.845	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	584266	86.658	ng	99
85) Di-n-octyl phthalate	14.674	149	1162314	84.996	ng	100
87) Indeno(1,2,3-cd)pyrene	17.109	276	1666322	73.282	ng	99
88) Benzo(b)fluoranthene	15.145	252	1257001	77.348	ng	99
89) Benzo(k)fluoranthene	15.174	252	1186018	73.992	ng	99
90) Benzo(a)pyrene	15.521	252	1183837	76.483	ng	99
91) Dibenzo(a,h)anthracene	17.127	278	1328554	72.757	ng	99
92) Benzo(g,h,i)perylene	17.568	276	1346979	73.842	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143423.D
Acq On : 15 Aug 2025 17:57
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Aug 15 18:35:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	125639	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	491006	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	272709	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	440330	20.000	ng	0.00
76) Chrysene-d12	14.086	240	224321	20.000	ng	0.00
86) Perylene-d12	15.574	264	261605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	580235	80.281	ng	0.00
7) Phenol-d6	6.557	99	720369	79.088	ng	0.00
23) Nitrobenzene-d5	7.487	82	674421	81.505	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	202301	83.344	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1240954	76.538	ng	0.00
79) Terphenyl-d14	13.027	244	1146442	85.853	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	137973	39.659	ng	99
3) Pyridine	3.499	79	372858	40.863	ng	99
4) n-Nitrosodimethylamine	3.440	42	171863	40.523	ng	100
6) Aniline	6.592	93	498492	40.314	ng	99
8) 2-Chlorophenol	6.716	128	319839	40.083	ng	99
9) Benzaldehyde	6.481	77	217414	44.869	ng	98
10) Phenol	6.575	94	430958	40.546	ng	99
11) bis(2-Chloroethyl)ether	6.657	93	317550	40.305	ng	100
12) 1,3-Dichlorobenzene	6.869	146	355050	39.722	ng	99
13) 1,4-Dichlorobenzene	6.945	146	353824	39.650	ng	99
14) 1,2-Dichlorobenzene	7.098	146	337631	39.612	ng	100
15) Benzyl Alcohol	7.069	79	276064	41.098	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	537541	39.909	ng	100
17) 2-Methylphenol	7.181	107	263479	40.471	ng	99
18) Hexachloroethane	7.439	117	122314	40.268	ng	98
19) n-Nitroso-di-n-propyla...	7.339	70	222462	39.451	ng	97
20) 3+4-Methylphenols	7.334	107	317327	40.773	ng	100
22) Acetophenone	7.334	105	409319	38.772	ng	100
24) Nitrobenzene	7.504	77	353900	40.922	ng	100
25) Isophorone	7.745	82	634395	40.058	ng	100
26) 2-Nitrophenol	7.822	139	171500	42.777	ng	99
27) 2,4-Dimethylphenol	7.863	122	268492	39.609	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	387437	39.801	ng	99
29) 2,4-Dichlorophenol	8.069	162	278935	40.367	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	277133	39.142	ng	100
31) Naphthalene	8.234	128	917858	39.375	ng	100
32) Benzoic acid	7.975	122	145960	41.403	ng	97
33) 4-Chloroaniline	8.275	127	341869	40.630	ng	99
34) Hexachlorobutadiene	8.351	225	177092	39.224	ng	97
35) Caprolactam	8.645	113	84212	42.330	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	291765	40.997	ng	98
37) 2-Methylnaphthalene	8.922	142	615873	39.196	ng	100
38) 1-Methylnaphthalene	9.022	142	596492	39.623	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	297713	39.145	ng	99
41) Hexachlorocyclopentadiene	9.081	237	102238	40.416	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	193444	40.774	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	210061	41.305	ng	99
46) 1,1'-Biphenyl	9.386	154	748830	39.081	ng	99
47) 2-Chloronaphthalene	9.410	162	590752	39.058	ng	99
48) 2-Nitroaniline	9.504	65	189676	42.141	ng	97
49) Acenaphthylene	9.822	152	866445	39.677	ng	100
50) Dimethylphthalate	9.675	163	686793	40.394	ng	100
51) 2,6-Dinitrotoluene	9.739	165	146942	43.842	ng	98
52) Acenaphthene	9.998	154	589195	40.115	ng	100
53) 3-Nitroaniline	9.910	138	160770	43.062	ng	99
54) 2,4-Dinitrophenol	10.022	184	60785	41.967	ng	97
55) Dibenzofuran	10.169	168	827034	39.033	ng	99
56) 4-Nitrophenol	10.075	139	104368	44.464	ng	98
57) 2,4-Dinitrotoluene	10.145	165	198343	44.386	ng	100
58) Fluorene	10.510	166	635952	39.070	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	167166	43.424	ng	99
60) Diethylphthalate	10.380	149	636541	40.514	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	318141	39.533	ng	100
62) 4-Nitroaniline	10.522	138	152248	43.604	ng	97
63) Azobenzene	10.663	77	637467	40.143	ng	100
65) 4,6-Dinitro-2-methylph...	10.557	198	104008	45.779	ng	99
66) n-Nitrosodiphenylamine	10.616	169	554575	38.734	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	205635	39.547	ng	99
68) Hexachlorobenzene	11.063	284	215158	38.923	ng	99
69) Atrazine	11.139	200	177396	42.361	ng	99
70) Pentachlorophenol	11.257	266	105712	43.486	ng	99
71) Phenanthrene	11.474	178	919627	38.568	ng	100
72) Anthracene	11.527	178	937696	38.935	ng	100
73) Carbazole	11.674	167	804170	39.480	ng	100
74) Di-n-butylphthalate	12.004	149	859613	42.379	ng	100
75) Fluoranthene	12.663	202	842615	39.770	ng	100
77) Benzidine	12.774	184	301000	47.400	ng	100
78) Pyrene	12.892	202	845466	43.363	ng	99
80) Butylbenzylphthalate	13.498	149	216055	44.739	ng	100
81) Benzo(a)anthracene	14.074	228	569456	39.874	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	164709	39.390	ng	99
83) Chrysene	14.110	228	539626	40.872	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	282227	41.151	ng	99
85) Di-n-octyl phthalate	14.668	149	546335	39.276	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	810056	41.292	ng	100
88) Benzo(b)fluoranthene	15.139	252	561290	40.032	ng	99
89) Benzo(k)fluoranthene	15.168	252	556803	40.263	ng	100
90) Benzo(a)pyrene	15.510	252	536535	40.177	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	656933	41.699	ng	99
92) Benzo(g,h,i)perylene	17.551	276	652150	41.438	ng	99

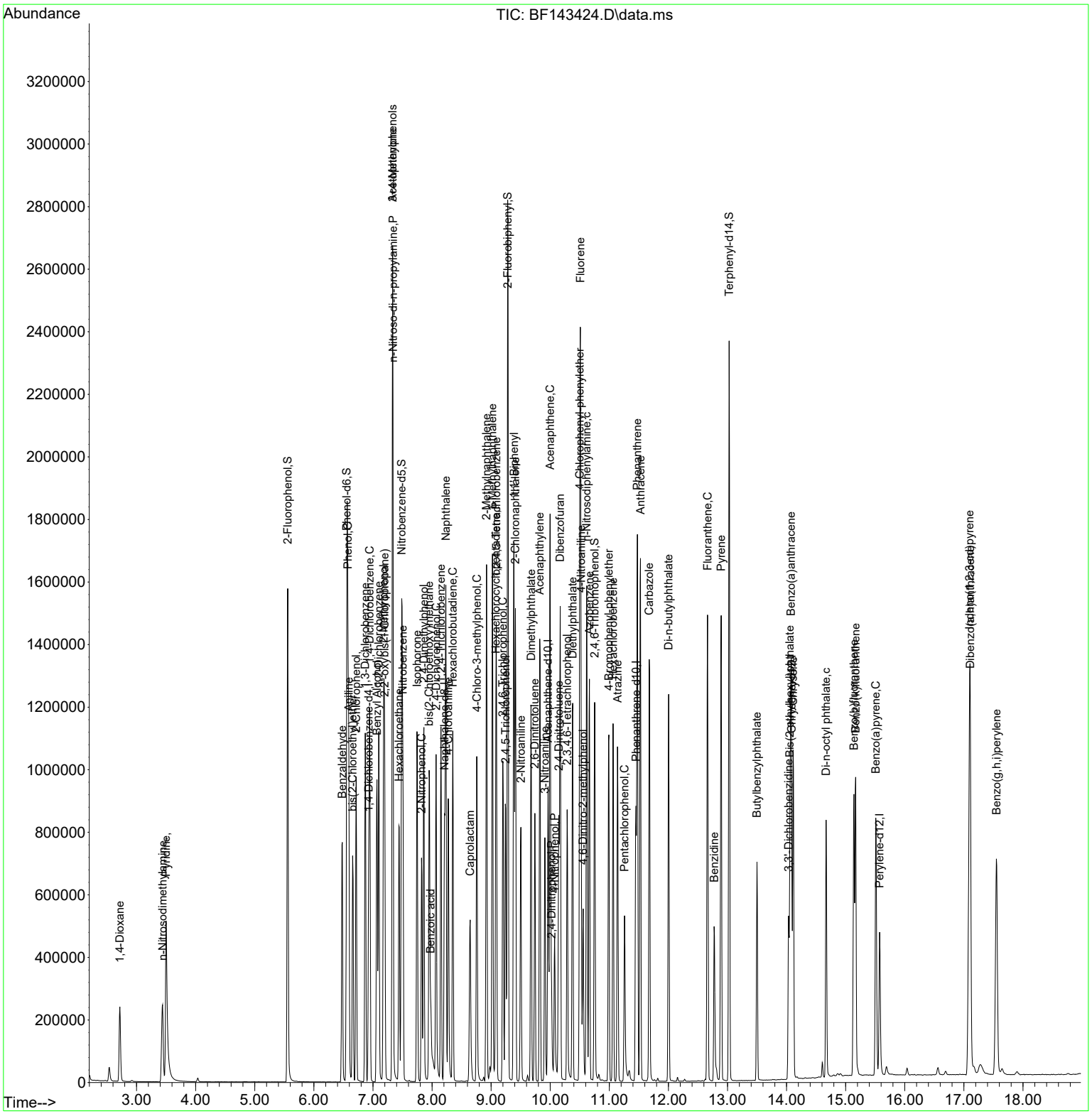
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 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	95	0.00
2		1,4-Dioxane	0.554	0.549	0.9	92	-0.02
3		Pyridine	1.453	1.484	-2.1	95	-0.01
4		n-Nitrosodimethylamine	0.675	0.684	-1.3	95	-0.01
5	S	2-Fluorophenol	1.151	1.155	-0.3	96	0.00
6		Aniline	1.968	1.984	-0.8	95	0.00
7	S	Phenol-d6	1.450	1.433	1.2	96	0.00
8		2-Chlorophenol	1.270	1.273	-0.2	97	0.00
9		Benzaldehyde	0.771	0.865	-12.2	112	0.00
10	C	Phenol	1.692	1.715	-1.4	96	0.00
11		bis(2-Chloroethyl)ether	1.254	1.264	-0.8	97	0.00
12		1,3-Dichlorobenzene	1.423	1.413	0.7	96	0.00
13	C	1,4-Dichlorobenzene	1.421	1.408	0.9	96	0.00
14		1,2-Dichlorobenzene	1.357	1.344	1.0	96	0.00
15		Benzyl Alcohol	1.069	1.099	-2.8	97	0.00
16		2,2'-oxybis(1-Chloropropane	2.144	2.139	0.2	97	0.00
17		2-Methylphenol	1.036	1.049	-1.3	97	0.00
18		Hexachloroethane	0.484	0.487	-0.6	97	0.00
19	P	n-Nitroso-di-n-propylamine	0.898	0.885	1.4	97	0.00
20		3+4-Methylphenols	1.239	1.263	-1.9	97	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	97	0.00
22		Acetophenone	0.430	0.417	3.0	97	0.00
23	S	Nitrobenzene-d5	0.337	0.343	-1.8	98	0.00
24		Nitrobenzene	0.352	0.360	-2.3	98	0.00
25		Isophorone	0.645	0.646	-0.2	99	0.00
26	C	2-Nitrophenol	0.163	0.175	-7.4	100	0.00
27		2,4-Dimethylphenol	0.276	0.273	1.1	98	0.00
28		bis(2-Chloroethoxy)methane	0.397	0.395	0.5	98	0.00
29	C	2,4-Dichlorophenol	0.281	0.284	-1.1	98	0.00
30		1,2,4-Trichlorobenzene	0.288	0.282	2.1	97	0.00
31		Naphthalene	0.950	0.935	1.6	96	0.00
32		Benzoic acid	0.144	0.149	-3.5	101	0.00
33		4-Chloroaniline	0.343	0.348	-1.5	98	0.00
34	C	Hexachlorobutadiene	0.184	0.180	2.2	95	0.00
35		Caprolactam	0.081	0.086	-6.2	104	0.00
36	C	4-Chloro-3-methylphenol	0.290	0.297	-2.4	100	0.00
37		2-Methylnaphthalene	0.640	0.627	2.0	97	0.00
38		1-Methylnaphthalene	0.613	0.607	1.0	99	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	99	0.00
40		1,2,4,5-Tetrachlorobenzene	0.558	0.546	2.2	99	0.00
41	P	Hexachlorocyclopentadiene	0.167	0.187	-12.0	104	0.00
42	S	2,4,6-Tribromophenol	0.178	0.185	-3.9	104	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.355	-2.0	99	0.00
44		2,4,5-Trichlorophenol	0.373	0.385	-3.2	101	0.00
45	S	2-Fluorobiphenyl	1.189	1.138	4.3	100	0.00
46		1,1'-Biphenyl	1.405	1.373	2.3	99	0.00
47		2-Chloronaphthalene	1.109	1.083	2.3	99	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 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	0.330	0.348	-5.5	103	0.00
49		Acenaphthylene	1.602	1.589	0.8	100	0.00
50		Dimethylphthalate	1.247	1.259	-1.0	103	0.00
51		2,6-Dinitrotoluene	0.246	0.269	-9.3	106	0.00
52	C	Acenaphthene	1.077	1.080	-0.3	103	0.00
53		3-Nitroaniline	0.274	0.295	-7.7	103	0.00
54	P	2,4-Dinitrophenol	0.097	0.111	-14.4	115	0.00
55		Dibenzofuran	1.554	1.516	2.4	99	0.00
56	P	4-Nitrophenol	0.172	0.191	-11.0	106	0.00
57		2,4-Dinitrotoluene	0.328	0.364	-11.0	108	0.00
58		Fluorene	1.194	1.166	2.3	102	0.00
59		2,3,4,6-Tetrachlorophenol	0.282	0.306	-8.5	102	0.00
60		Diethylphthalate	1.152	1.167	-1.3	104	0.00
61		4-Chlorophenyl-phenylether	0.590	0.583	1.2	101	0.00
62		4-Nitroaniline	0.256	0.279	-9.0	106	0.00
63		Azobenzene	1.165	1.169	-0.3	102	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	0.103	0.118	-14.6	116	0.00
66	c	n-Nitrosodiphenylamine	0.650	0.630	3.1	103	0.00
67		4-Bromophenyl-phenylether	0.236	0.234	0.8	104	0.00
68		Hexachlorobenzene	0.251	0.244	2.8	105	0.00
69		Atrazine	0.190	0.201	-5.8	111	0.00
70	C	Pentachlorophenol	0.110	0.120	-9.1	111	0.00
71		Phenanthrene	1.083	1.044	3.6	104	0.00
72		Anthracene	1.094	1.065	2.7	105	0.00
73		Carbazole	0.925	0.913	1.3	107	0.00
74		Di-n-butylphthalate	0.921	0.976	-6.0	115	0.00
75	C	Fluoranthene	0.962	0.957	0.5	113	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	103	0.00
77		Benzidine	0.597	0.671	-12.4	122	0.00
78		Pyrene	1.738	1.885	-8.5	115	0.00
79	S	Terphenyl-d14	1.191	1.278	-7.3	115	0.00
80		Butylbenzylphthalate	0.431	0.482	-11.8	108	0.00
81		Benzo(a)anthracene	1.273	1.269	0.3	104	0.00
82		3,3'-Dichlorobenzidine	0.373	0.367	1.6	96	0.00
83		Chrysene	1.177	1.203	-2.2	104	0.00
84		Bis(2-ethylhexyl)phthalate	0.611	0.629	-2.9	97	0.00
85	c	Di-n-octyl phthalate	1.240	1.218	1.8	95	0.00
86	I	Perylene-d12	1.000	1.000	0.0	93	0.00
87		Indeno(1,2,3-cd)pyrene	1.500	1.548	-3.2	96	0.00
88		Benzo(b)fluoranthene	1.072	1.073	-0.1	91	0.00
89		Benzo(k)fluoranthene	1.057	1.064	-0.7	94	0.00
90	C	Benzo(a)pyrene	1.021	1.025	-0.4	91	0.00
91		Dibenzo(a,h)anthracene	1.204	1.256	-4.3	97	0.00
92		Benzo(g,h,i)perylene	1.203	1.246	-3.6	96	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration

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

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 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	95	0.00
2		1,4-Dioxane	40.000	39.659	0.9	92	-0.02
3		Pyridine	40.000	40.863	-2.2	95	-0.01
4		n-Nitrosodimethylamine	40.000	40.523	-1.3	95	-0.01
5	S	2-Fluorophenol	80.000	80.281	-0.4	96	0.00
6		Aniline	40.000	40.314	-0.8	95	0.00
7	S	Phenol-d6	80.000	79.088	1.1	96	0.00
8		2-Chlorophenol	40.000	40.083	-0.2	97	0.00
9		Benzaldehyde	40.000	44.869	-12.2	112	0.00
10	C	Phenol	40.000	40.546	-1.4	96	0.00
11		bis(2-Chloroethyl)ether	40.000	40.305	-0.8	97	0.00
12		1,3-Dichlorobenzene	40.000	39.722	0.7	96	0.00
13	C	1,4-Dichlorobenzene	40.000	39.650	0.9	96	0.00
14		1,2-Dichlorobenzene	40.000	39.612	1.0	96	0.00
15		Benzyl Alcohol	40.000	41.098	-2.7	97	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.909	0.2	97	0.00
17		2-Methylphenol	40.000	40.471	-1.2	97	0.00
18		Hexachloroethane	40.000	40.268	-0.7	97	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.451	1.4	97	0.00
20		3+4-Methylphenols	40.000	40.773	-1.9	97	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	97	0.00
22		Acetophenone	40.000	38.772	3.1	97	0.00
23	S	Nitrobenzene-d5	80.000	81.505	-1.9	98	0.00
24		Nitrobenzene	40.000	40.922	-2.3	98	0.00
25		Isophorone	40.000	40.058	-0.1	99	0.00
26	C	2-Nitrophenol	40.000	42.777	-6.9	100	0.00
27		2,4-Dimethylphenol	40.000	39.609	1.0	98	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.801	0.5	98	0.00
29	C	2,4-Dichlorophenol	40.000	40.367	-0.9	98	0.00
30		1,2,4-Trichlorobenzene	40.000	39.142	2.1	97	0.00
31		Naphthalene	40.000	39.375	1.6	96	0.00
32		Benzoic acid	40.000	41.403	-3.5	101	0.00
33		4-Chloroaniline	40.000	40.630	-1.6	98	0.00
34	C	Hexachlorobutadiene	40.000	39.224	1.9	95	0.00
35		Caprolactam	40.000	42.330	-5.8	104	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.997	-2.5	100	0.00
37		2-Methylnaphthalene	40.000	39.196	2.0	97	0.00
38		1-Methylnaphthalene	40.000	39.623	0.9	99	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	99	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.145	2.1	99	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.416	-1.0	104	0.00
42	S	2,4,6-Tribromophenol	80.000	83.344	-4.2	104	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.774	-1.9	99	0.00
44		2,4,5-Trichlorophenol	40.000	41.305	-3.3	101	0.00
45	S	2-Fluorobiphenyl	80.000	76.538	4.3	100	0.00
46		1,1'-Biphenyl	40.000	39.081	2.3	99	0.00
47		2-Chloronaphthalene	40.000	39.058	2.4	99	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.141	-5.4	103	0.00
49		Acenaphthylene	40.000	39.677	0.8	100	0.00
50		Dimethylphthalate	40.000	40.394	-1.0	103	0.00
51		2,6-Dinitrotoluene	40.000	43.842	-9.6	106	0.00
52	C	Acenaphthene	40.000	40.115	-0.3	103	0.00
53		3-Nitroaniline	40.000	43.062	-7.7	103	0.00
54	P	2,4-Dinitrophenol	40.000	41.967	-4.9	115	0.00
55		Dibenzofuran	40.000	39.033	2.4	99	0.00
56	P	4-Nitrophenol	40.000	44.464	-11.2	106	0.00
57		2,4-Dinitrotoluene	40.000	44.386	-11.0	108	0.00
58		Fluorene	40.000	39.070	2.3	102	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	43.424	-8.6	102	0.00
60		Diethylphthalate	40.000	40.514	-1.3	104	0.00
61		4-Chlorophenyl-phenylether	40.000	39.533	1.2	101	0.00
62		4-Nitroaniline	40.000	43.604	-9.0	106	0.00
63		Azobenzene	40.000	40.143	-0.4	102	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.779	-14.4	116	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.734	3.2	103	0.00
67		4-Bromophenyl-phenylether	40.000	39.547	1.1	104	0.00
68		Hexachlorobenzene	40.000	38.923	2.7	105	0.00
69		Atrazine	40.000	42.361	-5.9	111	0.00
70	C	Pentachlorophenol	40.000	43.486	-8.7	111	0.00
71		Phenanthrene	40.000	38.568	3.6	104	0.00
72		Anthracene	40.000	38.935	2.7	105	0.00
73		Carbazole	40.000	39.480	1.3	107	0.00
74		Di-n-butylphthalate	40.000	42.379	-5.9	115	0.00
75	C	Fluoranthene	40.000	39.770	0.6	113	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	103	0.00
77		Benzidine	40.000	47.400	-18.5	122	0.00
78		Pyrene	40.000	43.363	-8.4	115	0.00
79	S	Terphenyl-d14	80.000	85.853	-7.3	115	0.00
80		Butylbenzylphthalate	40.000	44.739	-11.8	108	0.00
81		Benzo(a)anthracene	40.000	39.874	0.3	104	0.00
82		3,3'-Dichlorobenzidine	40.000	39.390	1.5	96	0.00
83		Chrysene	40.000	40.872	-2.2	104	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.151	-2.9	97	0.00
85	c	Di-n-octyl phthalate	40.000	39.276	1.8	95	0.00
86	I	Perylene-d12	20.000	20.000	0.0	93	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	41.292	-3.2	96	0.00
88		Benzo(b)fluoranthene	40.000	40.032	-0.1	91	0.00
89		Benzo(k)fluoranthene	40.000	40.263	-0.7	94	0.00
90	C	Benzo(a)pyrene	40.000	40.177	-0.4	91	0.00
91		Dibenzo(a,h)anthracene	40.000	41.699	-4.2	97	0.00
92		Benzo(g,h,i)perylene	40.000	41.438	-3.6	96	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143424.D
Acq On : 15 Aug 2025 18:57
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081525

Quant Time: Aug 15 19:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 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

Raw Data: **BF143429.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: Alliance Contract: ARDM01

Lab Code: ACE SDG No.: Q2811

Instrument ID: BNA_F Calibration Date/Time: 08/18/2025 09:06

Lab File ID: BF143429.D Init. Calib. Date(s): 08/15/2025 08/15/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:29 17:57

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.675	0.680		0.7	
2-Fluorophenol	1.151	1.147		-0.3	
Phenol-d6	1.450	1.436		-1.0	
Phenol	1.692	1.689		-0.2	20.0
bis(2-Chloroethyl)ether	1.254	1.255		0.1	
2-Chlorophenol	1.270	1.260		-0.8	
2,2-oxybis(1-Chloropropane)	2.144	2.128		-0.7	
n-Nitroso-di-n-propylamine	0.898	0.877	0.050	-2.3	
Nitrobenzene-d5	0.337	0.332		-1.5	
Hexachloroethane	0.484	0.475		-1.9	
Nitrobenzene	0.352	0.351		-0.3	
Isophorone	0.645	0.643		-0.3	
2-Nitrophenol	0.163	0.151		-7.4	20.0
2,4-Dimethylphenol	0.276	0.268		-2.9	
bis(2-Chloroethoxy)methane	0.397	0.391		-1.5	
2,4-Dichlorophenol	0.281	0.283		0.7	20.0
1,2,4-Trichlorobenzene	0.288	0.283		-1.7	
Naphthalene	0.950	0.937		-1.4	
Hexachlorobutadiene	0.184	0.183		-0.5	20.0
4-Chloro-3-methylphenol	0.290	0.288		-0.7	20.0
Hexachlorocyclopentadiene	0.167	0.174	0.050	4.2	
2,4,6-Trichlorophenol	0.348	0.342		-1.7	20.0
2-Fluorobiphenyl	1.189	1.141		-4.0	
2-Chloronaphthalene	1.109	1.091		-1.6	
Dimethylphthalate	1.247	1.252		0.4	
Acenaphthylene	1.602	1.588		-0.9	
2,6-Dinitrotoluene	0.246	0.252		2.4	
Acenaphthene	1.077	1.053		-2.2	20.0
2,4-Dinitrophenol	0.097	0.083	0.050	-14.4	
4-Nitrophenol	0.172	0.176	0.050	2.3	
2,4-Dinitrotoluene	0.328	0.345		5.2	
Diethylphthalate	1.152	1.161		0.8	
4-Chlorophenyl-phenylether	0.590	0.588		-0.3	
Fluorene	1.194	1.165		-2.4	
4,6-Dinitro-2-methylphenol	0.103	0.093		-9.7	
n-Nitrosodiphenylamine	0.650	0.637		-2.0	20.0
Azobenzene	1.165	1.181		1.4	
2,4,6-Tribromophenol	0.178	0.181		1.7	
4-Bromophenyl-phenylether	0.236	0.234		-0.8	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ARDM01

Lab Code: ACE SDG No.: Q2811

Instrument ID: BNA_F Calibration Date/Time: 08/18/2025 09:06

Lab File ID: BF143429.D Init. Calib. Date(s): 08/15/2025 08/15/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:29 17:57

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Hexachlorobenzene	0.251	0.247		-1.6	
Pentachlorophenol	0.110	0.114		3.6	20.0
Phenanthrene	1.083	1.045		-3.5	
Anthracene	1.094	1.066		-2.6	
Di-n-butylphthalate	0.921	0.953		3.5	
Fluoranthene	0.962	0.942		-2.1	20.0
Benzidine	0.597	0.545		-8.7	
Pyrene	1.738	1.875		7.9	
Terphenyl-d14	1.191	1.257		5.5	
Butylbenzylphthalate	0.431	0.431		0.0	
3,3-Dichlorobenzidine	0.373	0.352		-5.6	
Benzo(a)anthracene	1.273	1.253		-1.6	
Chrysene	1.177	1.163		-1.2	
Bis(2-ethylhexyl)phthalate	0.611	0.600		-1.8	
Di-n-octyl phthalate	1.240	1.164		-6.1	20.0
Benzo(b)fluoranthene	1.072	1.096		2.2	
Benzo(k)fluoranthene	1.057	1.004		-5.0	
Benzo(a)pyrene	1.021	1.024		0.3	20.0
Indeno(1,2,3-cd)pyrene	1.500	1.528		1.9	
Dibenzo(a,h)anthracene	1.204	1.228		2.0	
Benzo(g,h,i)perylene	1.203	1.234		2.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131653	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	514889	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	280712	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	444924	20.000	ng	0.00
76) Chrysene-d12	14.086	240	223862	20.000	ng	0.00
86) Perylene-d12	15.574	264	265880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	604041	79.757	ng	0.00
7) Phenol-d6	6.557	99	756026	79.211	ng	0.00
23) Nitrobenzene-d5	7.487	82	683252	78.742	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	202755	81.149	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1281342	76.776	ng	0.00
79) Terphenyl-d14	13.027	244	1126019	84.496	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	146980	40.318	ng	98
3) Pyridine	3.510	79	392034	41.002	ng	99
4) n-Nitrosodimethylamine	3.452	42	179061	40.291	ng	98
6) Aniline	6.593	93	518891	40.046	ng	100
8) 2-Chlorophenol	6.716	128	331816	39.684	ng	99
9) Benzaldehyde	6.475	77	175928	34.649	ng	99
10) Phenol	6.575	94	444676	39.926	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	330567	40.041	ng	99
12) 1,3-Dichlorobenzene	6.869	146	366324	39.111	ng	99
13) 1,4-Dichlorobenzene	6.945	146	374257	40.024	ng	100
14) 1,2-Dichlorobenzene	7.098	146	352533	39.471	ng	99
15) Benzyl Alcohol	7.069	79	279823	39.755	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	560282	39.697	ng	100
17) 2-Methylphenol	7.181	107	274265	40.203	ng	99
18) Hexachloroethane	7.439	117	125190	39.332	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	231003	39.095	ng	98
20) 3+4-Methylphenols	7.334	107	331003	40.587	ng	99
22) Acetophenone	7.334	105	426111	38.491	ng	100
24) Nitrobenzene	7.504	77	361829	39.898	ng	100
25) Isophorone	7.745	82	662307	39.881	ng	99
26) 2-Nitrophenol	7.822	139	155677	37.029	ng	98
27) 2,4-Dimethylphenol	7.863	122	276223	38.859	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	402194	39.401	ng	99
29) 2,4-Dichlorophenol	8.069	162	291170	40.183	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	291877	39.312	ng	99
31) Naphthalene	8.234	128	965167	39.484	ng	100
32) Benzoic acid	7.975	122	121859	32.963	ng	99
33) 4-Chloroaniline	8.275	127	350803	39.758	ng	100
34) Hexachlorobutadiene	8.351	225	188826	39.883	ng	98
35) Caprolactam	8.645	113	85562	41.013	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	297024	39.801	ng	100
37) 2-Methylnaphthalene	8.922	142	643429	39.050	ng	100
38) 1-Methylnaphthalene	9.022	142	615790	39.007	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	307452	39.273	ng	100
41) Hexachlorocyclopentadiene	9.081	237	97535	37.941	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	191901	39.295	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

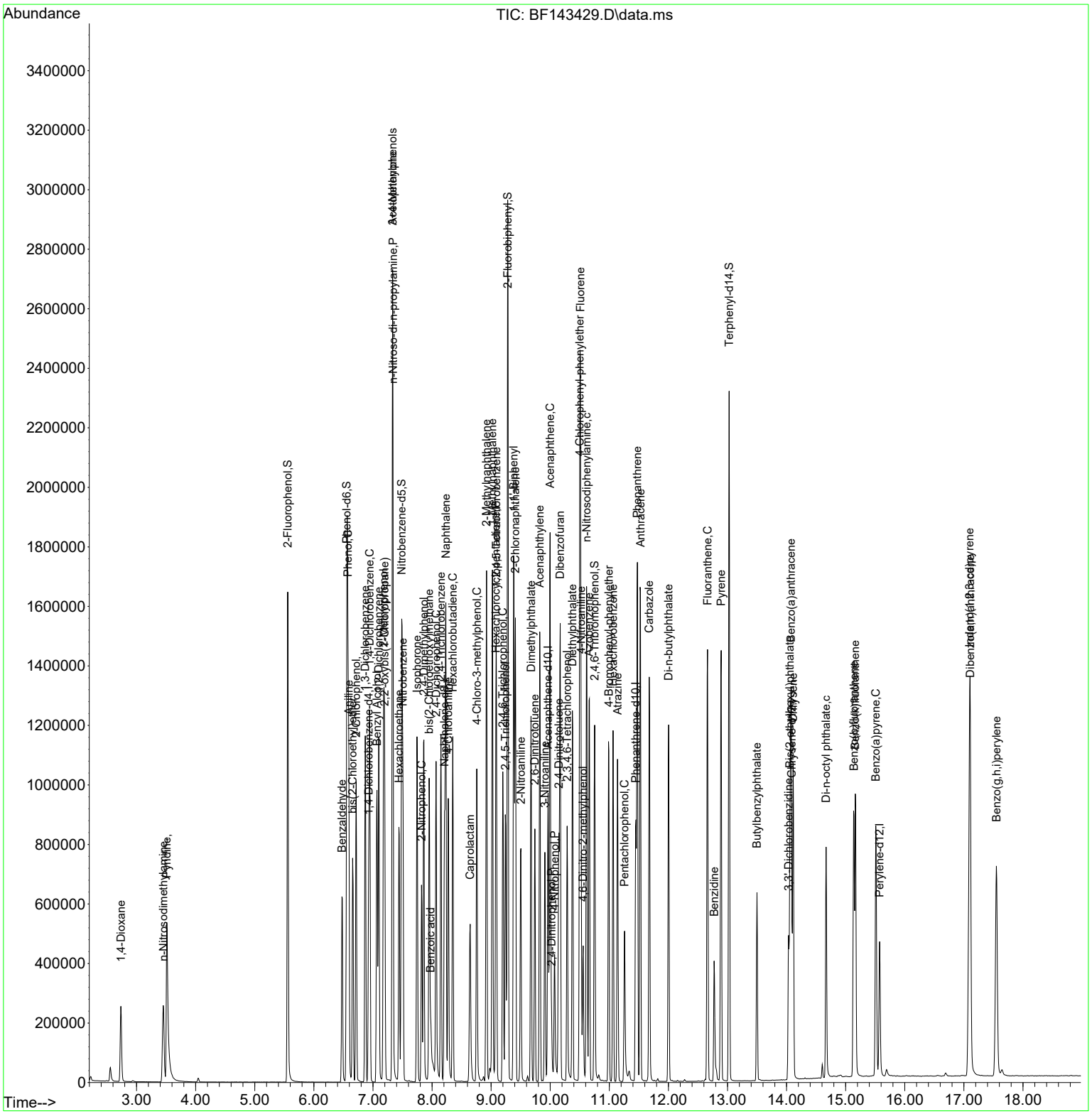
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	211642	40.430	ng	96
46) 1,1'-Biphenyl	9.381	154	772560	39.170	ng	100
47) 2-Chloronaphthalene	9.410	162	612724	39.356	ng	99
48) 2-Nitroaniline	9.504	65	183872	39.687	ng	95
49) Acenaphthylene	9.822	152	891356	39.654	ng	100
50) Dimethylphthalate	9.675	163	702928	40.165	ng	100
51) 2,6-Dinitrotoluene	9.739	165	141282	40.951	ng	99
52) Acenaphthene	9.998	154	591370	39.115	ng	100
53) 3-Nitroaniline	9.910	138	159737	41.565	ng	100
54) 2,4-Dinitrophenol	10.022	184	46856	32.877	ng	99
55) Dibenzofuran	10.169	168	860223	39.442	ng	99
56) 4-Nitrophenol	10.075	139	98531	40.781	ng	98
57) 2,4-Dinitrotoluene	10.145	165	193875	42.149	ng	99
58) Fluorene	10.510	166	653929	39.029	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	159517	40.256	ng	97
60) Diethylphthalate	10.375	149	651738	40.299	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	330221	39.864	ng	99
62) 4-Nitroaniline	10.522	138	150843	41.970	ng	97
63) Azobenzene	10.657	77	662810	40.549	ng	98
65) 4,6-Dinitro-2-methylph...	10.557	198	82955	36.136	ng	97
66) n-Nitrosodiphenylamine	10.616	169	567036	39.195	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	208080	39.604	ng	100
68) Hexachlorobenzene	11.063	284	219775	39.348	ng	100
69) Atrazine	11.139	200	174661	41.277	ng	100
70) Pentachlorophenol	11.257	266	101440	41.297	ng	99
71) Phenanthrene	11.475	178	930142	38.606	ng	100
72) Anthracene	11.527	178	948346	38.971	ng	100
73) Carbazole	11.675	167	801523	38.944	ng	100
74) Di-n-butylphthalate	12.004	149	848115	41.381	ng	100
75) Fluoranthene	12.663	202	838319	39.159	ng	100
77) Benzidine	12.774	184	243797	36.469	ng	99
78) Pyrene	12.892	202	839274	43.134	ng	99
80) Butylbenzylphthalate	13.498	149	192746	39.994	ng	100
81) Benzo(a)anthracene	14.074	228	561206	39.377	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	157427	37.726	ng	99
83) Chrysene	14.110	228	520801	39.527	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	268833	39.279	ng	99
85) Di-n-octyl phthalate	14.668	149	520946	37.527	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	812459	40.748	ng	100
88) Benzo(b)fluoranthene	15.139	252	582964	40.909	ng	99
89) Benzo(k)fluoranthene	15.163	252	534086	37.999	ng	99
90) Benzo(a)pyrene	15.510	252	544481	40.116	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	653257	40.799	ng	99
92) Benzo(g,h,i)perylene	17.551	276	656182	41.024	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration



Sample Results: **BF143429.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
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Instrument :
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Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 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	100	0.00
2		1,4-Dioxane	0.554	0.558	-0.7	98	0.00
3		Pyridine	1.453	1.489	-2.5	100	0.00
4		n-Nitrosodimethylamine	0.675	0.680	-0.7	99	0.00
5	S	2-Fluorophenol	1.151	1.147	0.3	100	0.00
6		Aniline	1.968	1.971	-0.2	99	0.00
7	S	Phenol-d6	1.450	1.436	1.0	101	0.00
8		2-Chlorophenol	1.270	1.260	0.8	100	0.00
9		Benzaldehyde	0.771	0.668	13.4	91	0.00
10	C	Phenol	1.692	1.689	0.2	99	0.00
11		bis(2-Chloroethyl)ether	1.254	1.255	-0.1	101	0.00
12		1,3-Dichlorobenzene	1.423	1.391	2.2	99	0.00
13	C	1,4-Dichlorobenzene	1.421	1.421	0.0	101	0.00
14		1,2-Dichlorobenzene	1.357	1.339	1.3	101	0.00
15		Benzyl Alcohol	1.069	1.063	0.6	98	0.00
16		2,2'-oxybis(1-Chloropropane	2.144	2.128	0.7	101	0.00
17		2-Methylphenol	1.036	1.042	-0.6	101	0.00
18		Hexachloroethane	0.484	0.475	1.9	99	0.00
19	P	n-Nitroso-di-n-propylamine	0.898	0.877	2.3	101	0.00
20		3+4-Methylphenols	1.239	1.257	-1.5	101	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22		Acetophenone	0.430	0.414	3.7	101	0.00
23	S	Nitrobenzene-d5	0.337	0.332	1.5	100	0.00
24		Nitrobenzene	0.352	0.351	0.3	100	0.00
25		Isophorone	0.645	0.643	0.3	103	0.00
26	C	2-Nitrophenol	0.163	0.151	7.4	91	0.00
27		2,4-Dimethylphenol	0.276	0.268	2.9	101	0.00
28		bis(2-Chloroethoxy)methane	0.397	0.391	1.5	102	0.00
29	C	2,4-Dichlorophenol	0.281	0.283	-0.7	102	0.00
30		1,2,4-Trichlorobenzene	0.288	0.283	1.7	102	0.00
31		Naphthalene	0.950	0.937	1.4	101	0.00
32		Benzoic acid	0.144	0.118	18.1	84	0.00
33		4-Chloroaniline	0.343	0.341	0.6	101	0.00
34	C	Hexachlorobutadiene	0.184	0.183	0.5	102	0.00
35		Caprolactam	0.081	0.083	-2.5	105	0.00
36	C	4-Chloro-3-methylphenol	0.290	0.288	0.7	102	0.00
37		2-Methylnaphthalene	0.640	0.625	2.3	102	0.00
38		1-Methylnaphthalene	0.613	0.598	2.4	102	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40		1,2,4,5-Tetrachlorobenzene	0.558	0.548	1.8	102	0.00
41	P	Hexachlorocyclopentadiene	0.167	0.174	-4.2	99	0.00
42	S	2,4,6-Tribromophenol	0.178	0.181	-1.7	104	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.342	1.7	99	0.00
44		2,4,5-Trichlorophenol	0.373	0.377	-1.1	102	0.00
45	S	2-Fluorobiphenyl	1.189	1.141	4.0	103	0.00
46		1,1'-Biphenyl	1.405	1.376	2.1	102	0.00
47		2-Chloronaphthalene	1.109	1.091	1.6	103	0.00

Sample Results: **BF143429.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 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	0.330	0.328	0.6	100	0.00
49		Acenaphthylene	1.602	1.588	0.9	103	0.00
50		Dimethylphthalate	1.247	1.252	-0.4	106	0.00
51		2,6-Dinitrotoluene	0.246	0.252	-2.4	102	0.00
52	C	Acenaphthene	1.077	1.053	2.2	103	0.00
53		3-Nitroaniline	0.274	0.285	-4.0	103	0.00
54	P	2,4-Dinitrophenol	0.097	0.083	14.4	89	0.00
55		Dibenzofuran	1.554	1.532	1.4	103	0.00
56	P	4-Nitrophenol	0.172	0.176	-2.3	100	0.00
57		2,4-Dinitrotoluene	0.328	0.345	-5.2	106	0.00
58		Fluorene	1.194	1.165	2.4	105	0.00
59		2,3,4,6-Tetrachlorophenol	0.282	0.284	-0.7	97	0.00
60		Diethylphthalate	1.152	1.161	-0.8	107	0.00
61		4-Chlorophenyl-phenylether	0.590	0.588	0.3	105	0.00
62		4-Nitroaniline	0.256	0.269	-5.1	105	0.00
63		Azobenzene	1.165	1.181	-1.4	106	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	0.103	0.093	9.7	92	0.00
66	c	n-Nitrosodiphenylamine	0.650	0.637	2.0	105	0.00
67		4-Bromophenyl-phenylether	0.236	0.234	0.8	105	0.00
68		Hexachlorobenzene	0.251	0.247	1.6	108	0.00
69		Atrazine	0.190	0.196	-3.2	110	0.00
70	C	Pentachlorophenol	0.110	0.114	-3.6	106	0.00
71		Phenanthrene	1.083	1.045	3.5	105	0.00
72		Anthracene	1.094	1.066	2.6	106	0.00
73		Carbazole	0.925	0.901	2.6	107	0.00
74		Di-n-butylphthalate	0.921	0.953	-3.5	114	0.00
75	C	Fluoranthene	0.962	0.942	2.1	112	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	103	0.00
77		Benzidine	0.597	0.545	8.7	99	0.00
78		Pyrene	1.738	1.875	-7.9	114	0.00
79	S	Terphenyl-d14	1.191	1.257	-5.5	113	0.00
80		Butylbenzylphthalate	0.431	0.431	0.0	97	0.00
81		Benzo(a)anthracene	1.273	1.253	1.6	103	0.00
82		3,3'-Dichlorobenzidine	0.373	0.352	5.6	92	0.00
83		Chrysene	1.177	1.163	1.2	100	0.00
84		Bis(2-ethylhexyl)phthalate	0.611	0.600	1.8	93	0.00
85	c	Di-n-octyl phthalate	1.240	1.164	6.1	90	0.00
86	I	Perylene-d12	1.000	1.000	0.0	94	0.00
87		Indeno(1,2,3-cd)pyrene	1.500	1.528	-1.9	96	0.00
88		Benzo(b)fluoranthene	1.072	1.096	-2.2	95	0.00
89		Benzo(k)fluoranthene	1.057	1.004	5.0	90	0.00
90	C	Benzo(a)pyrene	1.021	1.024	-0.3	92	0.00
91		Dibenzo(a,h)anthracene	1.204	1.228	-2.0	96	0.00
92		Benzo(g,h,i)perylene	1.203	1.234	-2.6	96	0.00

Sample Results: **BF143429.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 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: **BF143429.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	100	0.00
2		1,4-Dioxane	40.000	40.318	-0.8	98	0.00
3		Pyridine	40.000	41.002	-2.5	100	0.00
4		n-Nitrosodimethylamine	40.000	40.291	-0.7	99	0.00
5	S	2-Fluorophenol	80.000	79.757	0.3	100	0.00
6		Aniline	40.000	40.046	-0.1	99	0.00
7	S	Phenol-d6	80.000	79.211	1.0	101	0.00
8		2-Chlorophenol	40.000	39.684	0.8	100	0.00
9		Benzaldehyde	40.000	34.649	13.4	91	0.00
10	C	Phenol	40.000	39.926	0.2	99	0.00
11		bis(2-Chloroethyl)ether	40.000	40.041	-0.1	101	0.00
12		1,3-Dichlorobenzene	40.000	39.111	2.2	99	0.00
13	C	1,4-Dichlorobenzene	40.000	40.024	-0.1	101	0.00
14		1,2-Dichlorobenzene	40.000	39.471	1.3	101	0.00
15		Benzyl Alcohol	40.000	39.755	0.6	98	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.697	0.8	101	0.00
17		2-Methylphenol	40.000	40.203	-0.5	101	0.00
18		Hexachloroethane	40.000	39.332	1.7	99	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.095	2.3	101	0.00
20		3+4-Methylphenols	40.000	40.587	-1.5	101	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22		Acetophenone	40.000	38.491	3.8	101	0.00
23	S	Nitrobenzene-d5	80.000	78.742	1.6	100	0.00
24		Nitrobenzene	40.000	39.898	0.3	100	0.00
25		Isophorone	40.000	39.881	0.3	103	0.00
26	C	2-Nitrophenol	40.000	37.029	7.4	91	0.00
27		2,4-Dimethylphenol	40.000	38.859	2.9	101	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.401	1.5	102	0.00
29	C	2,4-Dichlorophenol	40.000	40.183	-0.5	102	0.00
30		1,2,4-Trichlorobenzene	40.000	39.312	1.7	102	0.00
31		Naphthalene	40.000	39.484	1.3	101	0.00
32		Benzoic acid	40.000	32.963	17.6	84	0.00
33		4-Chloroaniline	40.000	39.758	0.6	101	0.00
34	C	Hexachlorobutadiene	40.000	39.883	0.3	102	0.00
35		Caprolactam	40.000	41.013	-2.5	105	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.801	0.5	102	0.00
37		2-Methylnaphthalene	40.000	39.050	2.4	102	0.00
38		1-Methylnaphthalene	40.000	39.007	2.5	102	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.273	1.8	102	0.00
41	P	Hexachlorocyclopentadiene	40.000	37.941	5.1	99	0.00
42	S	2,4,6-Tribromophenol	80.000	81.149	-1.4	104	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.295	1.8	99	0.00
44		2,4,5-Trichlorophenol	40.000	40.430	-1.1	102	0.00
45	S	2-Fluorobiphenyl	80.000	76.776	4.0	103	0.00
46		1,1'-Biphenyl	40.000	39.170	2.1	102	0.00
47		2-Chloronaphthalene	40.000	39.356	1.6	103	0.00

Sample Results: **BF143429.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.687	0.8	100	0.00
49		Acenaphthylene	40.000	39.654	0.9	103	0.00
50		Dimethylphthalate	40.000	40.165	-0.4	106	0.00
51		2,6-Dinitrotoluene	40.000	40.951	-2.4	102	0.00
52	C	Acenaphthene	40.000	39.115	2.2	103	0.00
53		3-Nitroaniline	40.000	41.565	-3.9	103	0.00
54	P	2,4-Dinitrophenol	40.000	32.877	17.8	89	0.00
55		Dibenzofuran	40.000	39.442	1.4	103	0.00
56	P	4-Nitrophenol	40.000	40.781	-2.0	100	0.00
57		2,4-Dinitrotoluene	40.000	42.149	-5.4	106	0.00
58		Fluorene	40.000	39.029	2.4	105	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.256	-0.6	97	0.00
60		Diethylphthalate	40.000	40.299	-0.7	107	0.00
61		4-Chlorophenyl-phenylether	40.000	39.864	0.3	105	0.00
62		4-Nitroaniline	40.000	41.970	-4.9	105	0.00
63		Azobenzene	40.000	40.549	-1.4	106	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	40.000	36.136	9.7	92	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.195	2.0	105	0.00
67		4-Bromophenyl-phenylether	40.000	39.604	1.0	105	0.00
68		Hexachlorobenzene	40.000	39.348	1.6	108	0.00
69		Atrazine	40.000	41.277	-3.2	110	0.00
70	C	Pentachlorophenol	40.000	41.297	-3.2	106	0.00
71		Phenanthrene	40.000	38.606	3.5	105	0.00
72		Anthracene	40.000	38.971	2.6	106	0.00
73		Carbazole	40.000	38.944	2.6	107	0.00
74		Di-n-butylphthalate	40.000	41.381	-3.5	114	0.00
75	C	Fluoranthene	40.000	39.159	2.1	112	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	103	0.00
77		Benzidine	40.000	36.469	8.8	99	0.00
78		Pyrene	40.000	43.134	-7.8	114	0.00
79	S	Terphenyl-d14	80.000	84.496	-5.6	113	0.00
80		Butylbenzylphthalate	40.000	39.994	0.0	97	0.00
81		Benzo(a)anthracene	40.000	39.377	1.6	103	0.00
82		3,3'-Dichlorobenzidine	40.000	37.726	5.7	92	0.00
83		Chrysene	40.000	39.527	1.2	100	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.279	1.8	93	0.00
85	c	Di-n-octyl phthalate	40.000	37.527	6.2	90	0.00
86	I	Perylene-d12	20.000	20.000	0.0	94	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.748	-1.9	96	0.00
88		Benzo(b)fluoranthene	40.000	40.909	-2.3	95	0.00
89		Benzo(k)fluoranthene	40.000	37.999	5.0	90	0.00
90	C	Benzo(a)pyrene	40.000	40.116	-0.3	92	0.00
91		Dibenzo(a,h)anthracene	40.000	40.799	-2.0	96	0.00
92		Benzo(g,h,i)perylene	40.000	41.024	-2.6	96	0.00

Sample Results: **BF143429.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 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

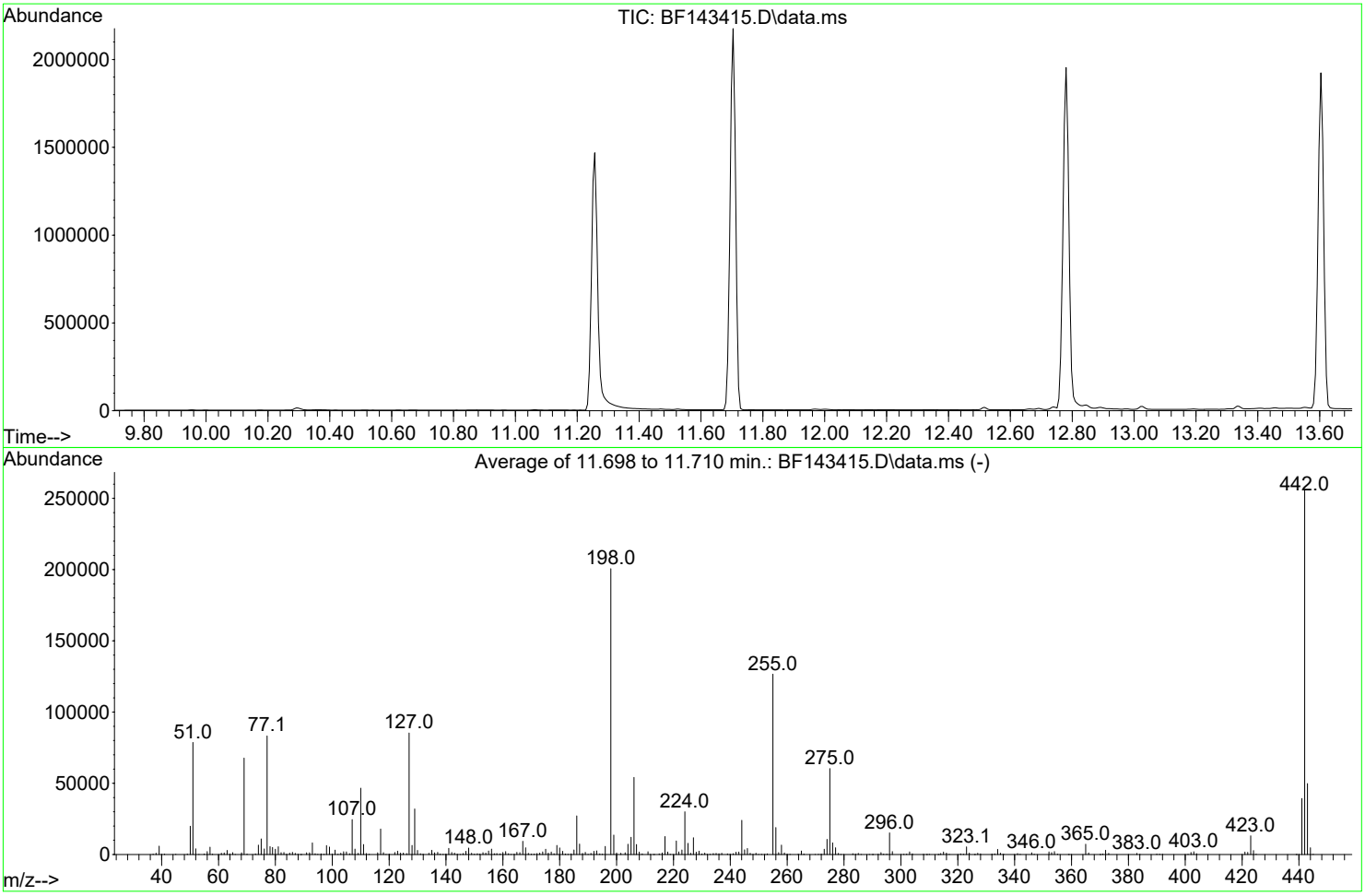
Sample Results: **BF143415.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143415.D
Acq On : 15 Aug 2025 13:59
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-BF081525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 18 04:40:19 2025



AutoFind: Scans 1616, 1617, 1618; Background Corrected with Scan 1609

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1264	PASS
69	69	100	100	100.0	67720	PASS
70	69	0.00	2	0.6	406	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	200640	PASS
199	198	5	9	6.8	13673	PASS
365	198	1	100	3.6	7304	PASS
441	443	0.01	150	79.0	39347	PASS
442	442	100	100	100.0	255488	PASS
443	442	15	24	19.5	49795	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/15/2025	BNA_F	BF143413.D
Compound Name	**Response**	**Retention Time**
DDT	478181	13.604
DDD	9101	13.339
DDE		13.01
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
9101	487282	1.87

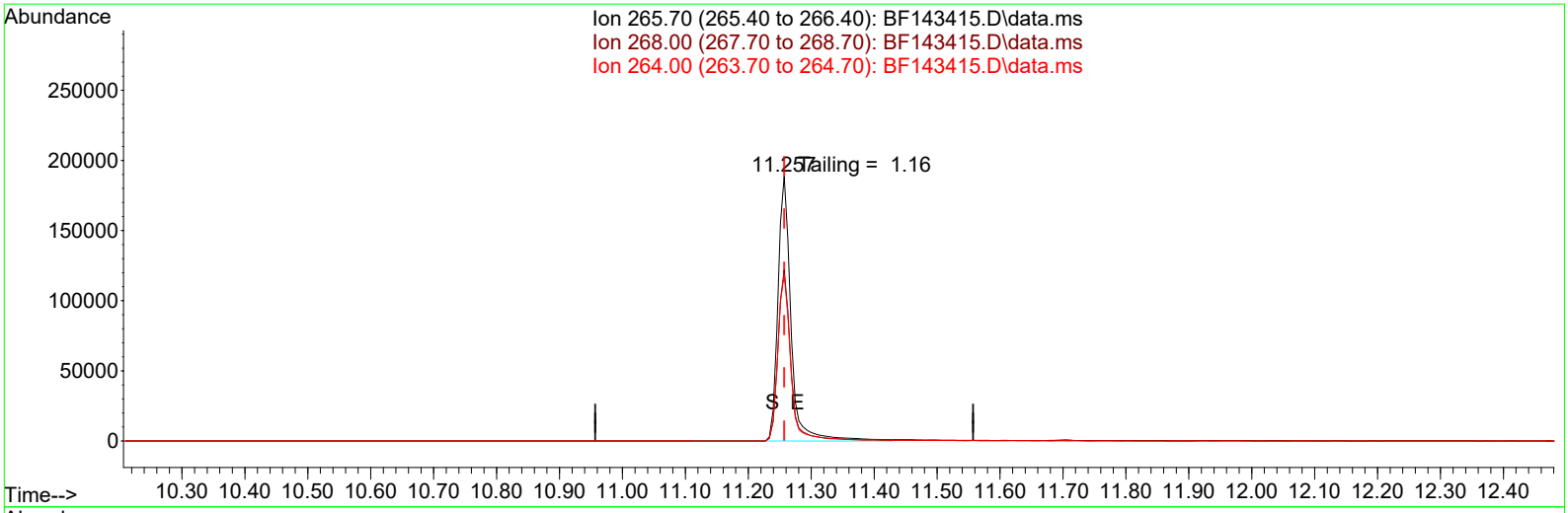
Instrument :
BNA_F
ClientSampleId :
DFTPP

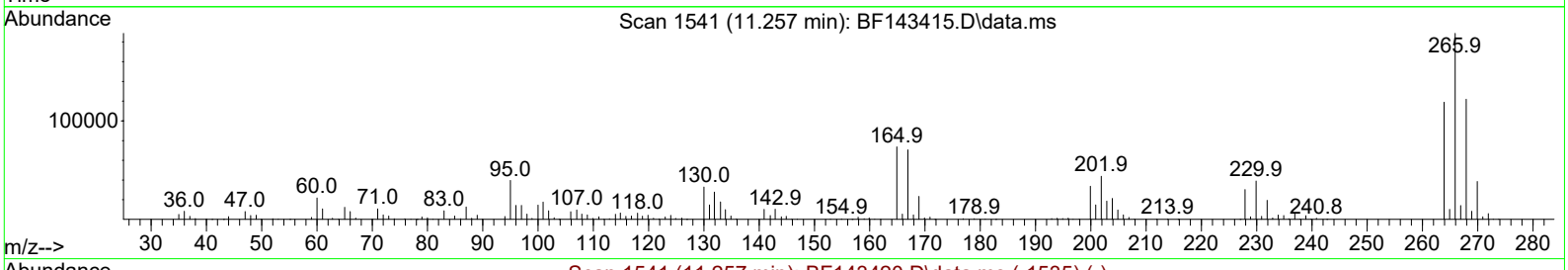
Sample Results: **BF143415.D**

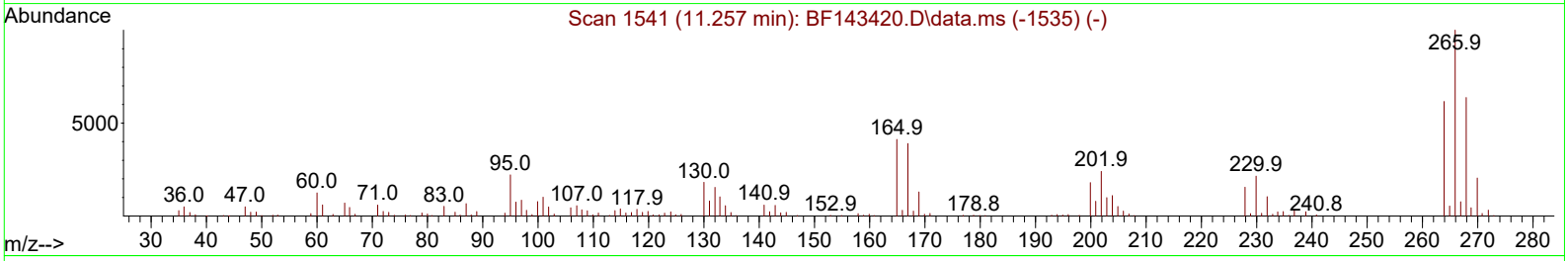
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143415.D
Acq On : 15 Aug 2025 13:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 15 19:00:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration







TIC: BF143415.D\data.ms

(70) Pentachlorophenol (C)

11.257min (-0.000) 361177.43 ng

response 277163

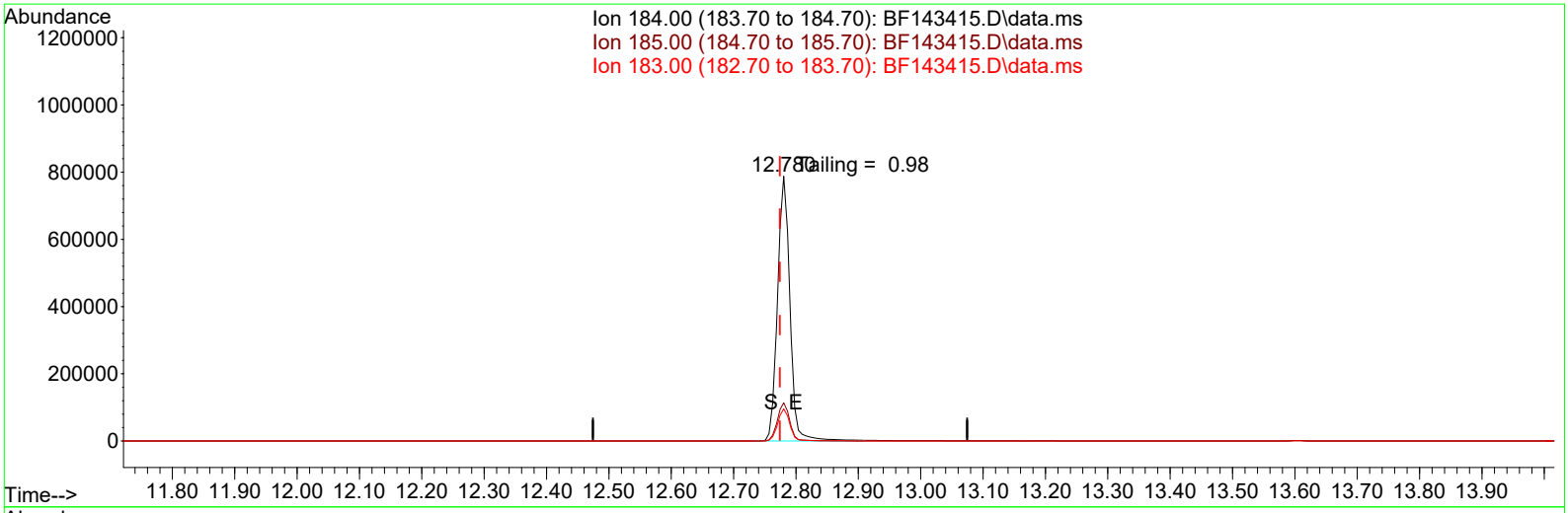
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	64.59
264.00	61.60	62.99
0.00	0.00	0.00

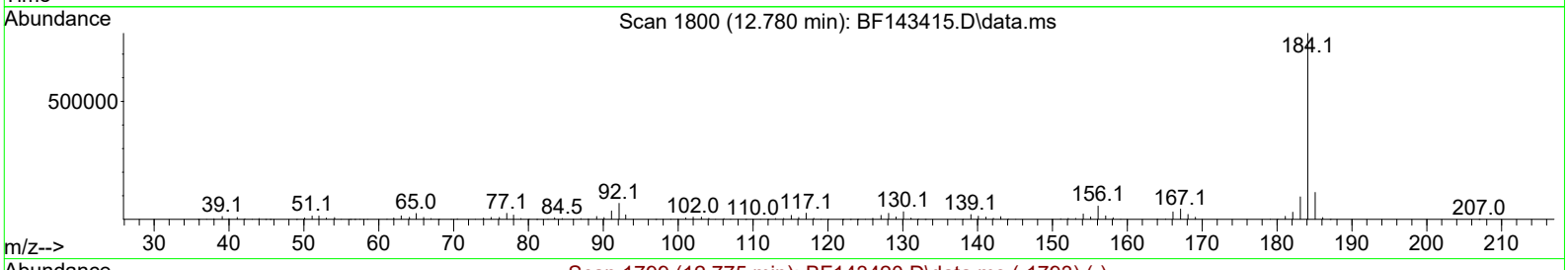
Sample Results: **BF143415.D**

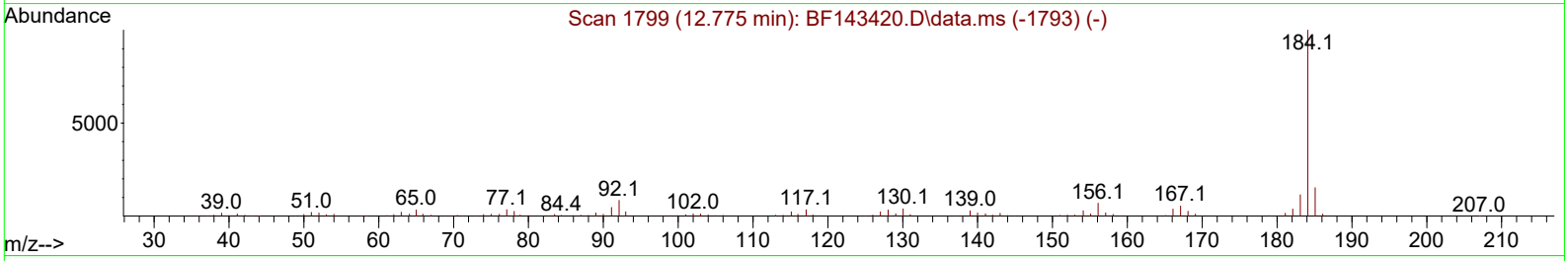
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143415.D
Acq On : 15 Aug 2025 13:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 15 19:00:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:57:34 2025
Response via : Initial Calibration







TIC: BF143415.D\data.ms

(77) Benzidine

12.780min (+ 0.006) 168452.64 ng

response 1096798

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.20	14.46
183.00	11.50	12.10
0.00	0.00	0.00

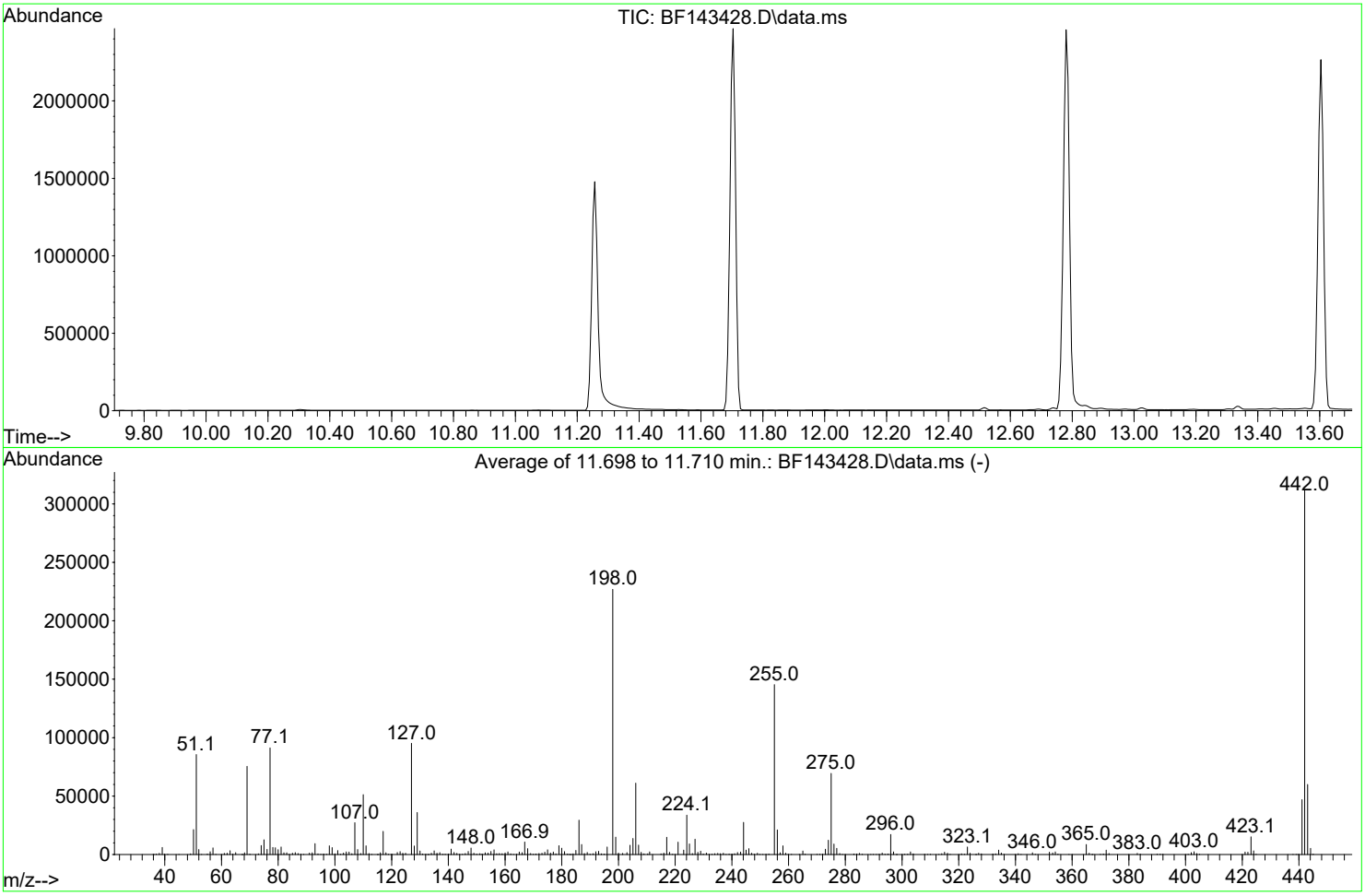
Sample Results: **BF143428.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143428.D
Acq On : 18 Aug 2025 08:37
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-BF081525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Aug 18 04:40:19 2025



AutoFind: Scans 1616, 1617, 1618; Background Corrected with Scan 1609

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	2.0	1498	PASS
69	69	100	100	100.0	75440	PASS
70	69	0.00	2	0.5	389	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	226987	PASS
199	198	5	9	6.6	14870	PASS
365	198	1	100	3.8	8602	PASS
441	443	0.01	150	78.5	46984	PASS
442	442	100	100	100.0	311424	PASS
443	442	15	24	19.2	59888	PASS

DDT Breakdown

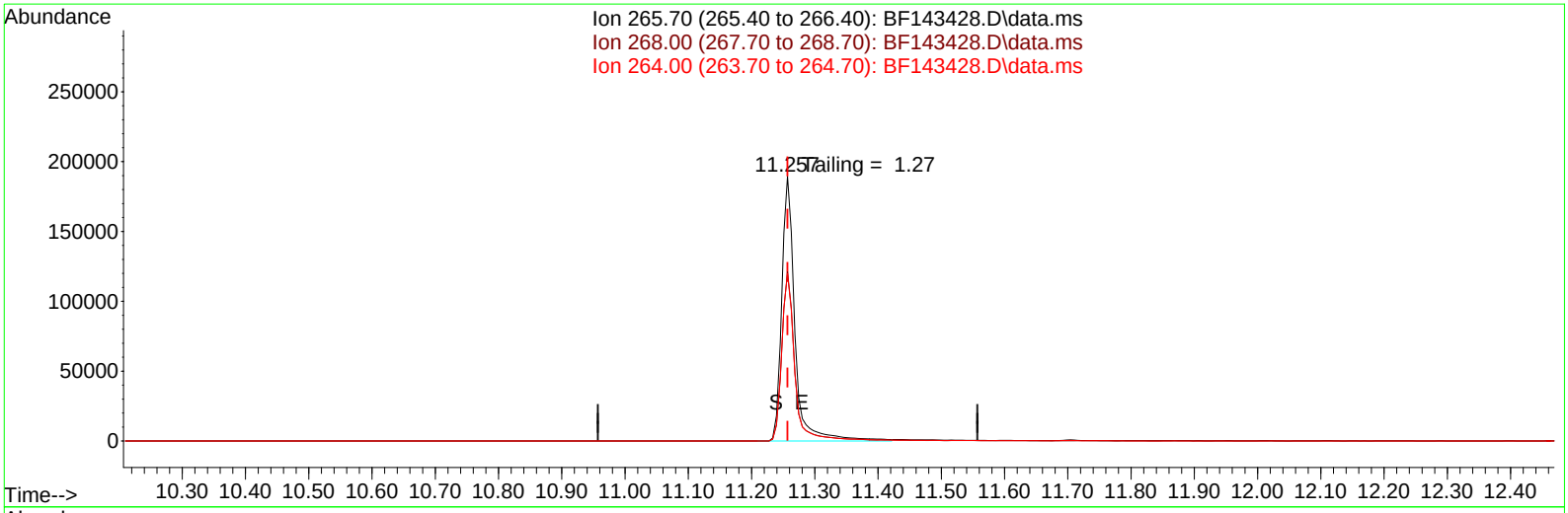
Date	Instrument Name	DFTPP Data File
8/18/2025	BNA_F	BF143428.D
Compound Name	**Response**	**Retention Time**
DDT	555192	13.604
DDD	7876	13.333
DDE	2112	12.969
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
9988	565180	1.77

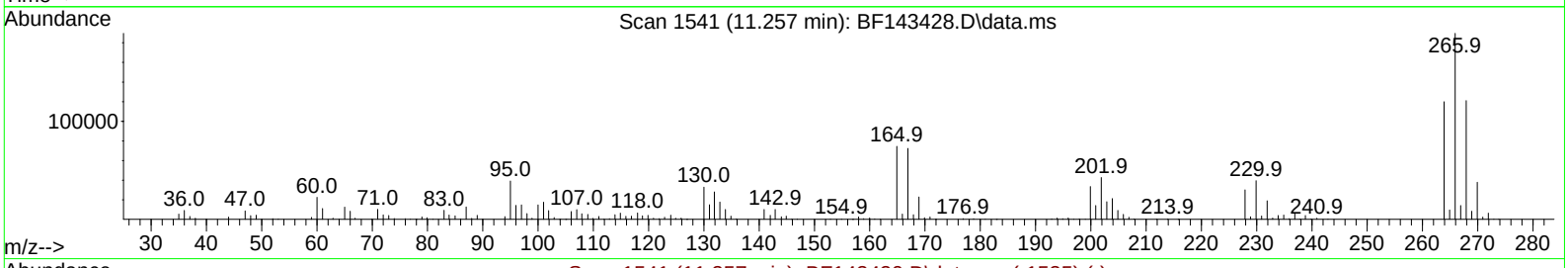
Instrument :
BNA_F
ClientSampleId :
DFTPP

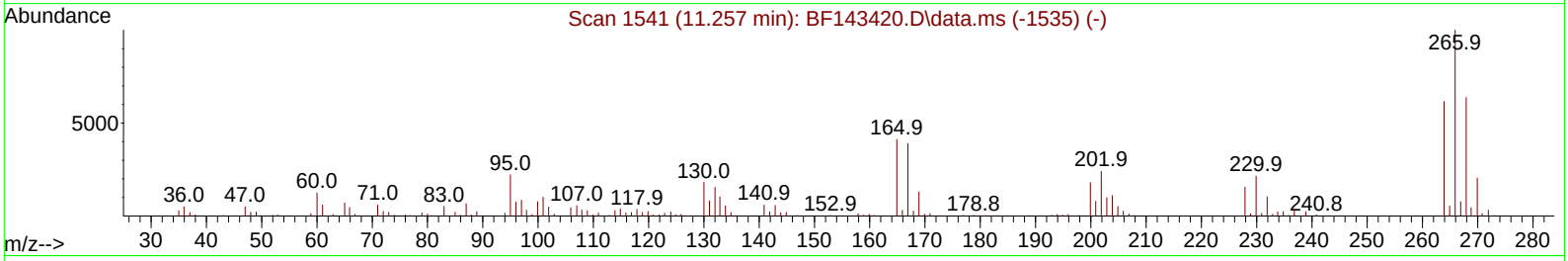
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143428.D
Acq On : 18 Aug 2025 08:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 18 12:01:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration







TIC: BF143428.D\data.ms

(70) Pentachlorophenol (C)

11.257min (-0.000) 817352.89 ng

response 279770

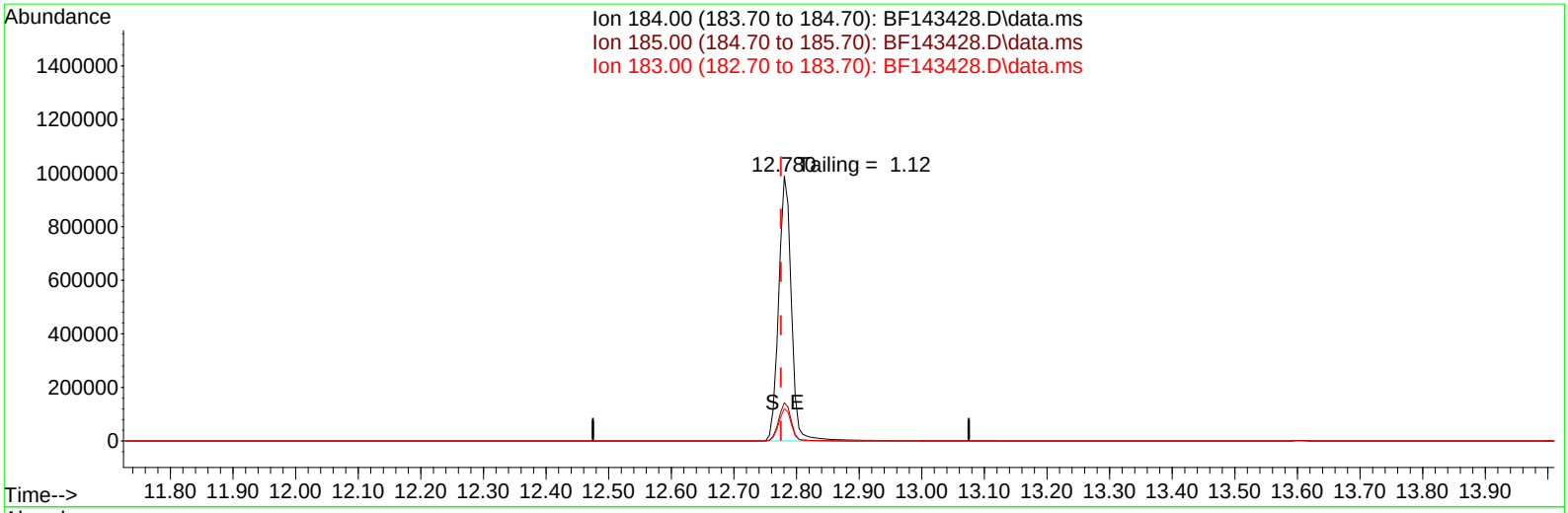
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	63.84
264.00	61.60	63.23
0.00	0.00	0.00

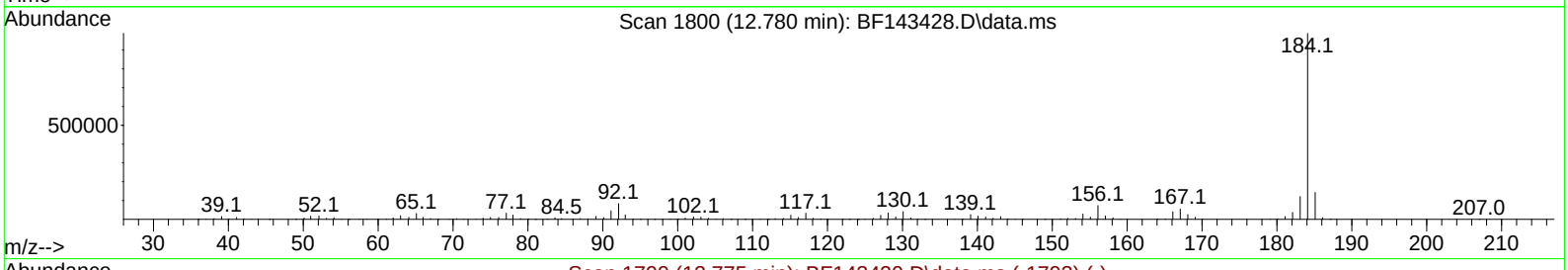
Sample Results: **BF143428.D**

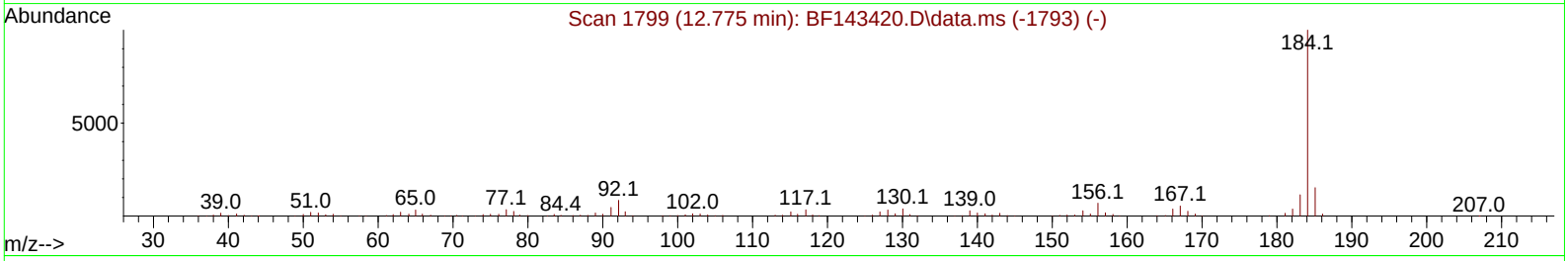
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143428.D
Acq On : 18 Aug 2025 08:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 18 12:01:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration







TIC: BF143428.D\data.ms

(77) Benzidine

12.780min (+ 0.005) 0.00 ng

response 1404146

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.20	14.49
183.00	11.50	12.23
0.00	0.00	0.00

Raw Data: **BF143433.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:	PB169256BL	SDG No.:	Q2811
Lab Sample ID:	PB169256BL	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
BF143433.D	1	08/14/25 10:35	08/18/25 11:02	PB169256

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: **BF143433.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:	PB169256BL			SDG No.:	Q2811
Lab Sample ID:	PB169256BL			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
BF143433.D	1	08/14/25 10:35	08/18/25 11:02	PB169256

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	95.2		60 - 140	95%	SPK: 100
13127-88-3	Phenol-d6	96.2		60 - 140	96%	SPK: 100
4165-60-0	Nitrobenzene-d5	99.5		60 - 140	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.8		60 - 140	92%	SPK: 100

Raw Data: **BF143433.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:	PB169256BL			SDG No.:	Q2811
Lab Sample ID:	PB169256BL			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
BF143433.D	1	08/14/25 10:35	08/18/25 11:02	PB169256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.7		60 - 140	97%	SPK: 100
1718-51-0	Terphenyl-d14	103		60 - 140	103%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126000	6.928			
1146-65-2	Naphthalene-d8	492000	8.204			
15067-26-2	Acenaphthene-d10	278000	9.963			
1517-22-2	Phenanthrene-d10	477000	11.445			
1719-03-5	Chrysene-d12	270000	14.086			
1520-96-3	Perylene-d12	231000	15.574			

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\BF081825\
Data File : BF143433.D
Acq On : 18 Aug 2025 11:02
Operator : RC/JU
Sample : PB169256BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169256BL

Quant Time: Aug 18 12:04:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

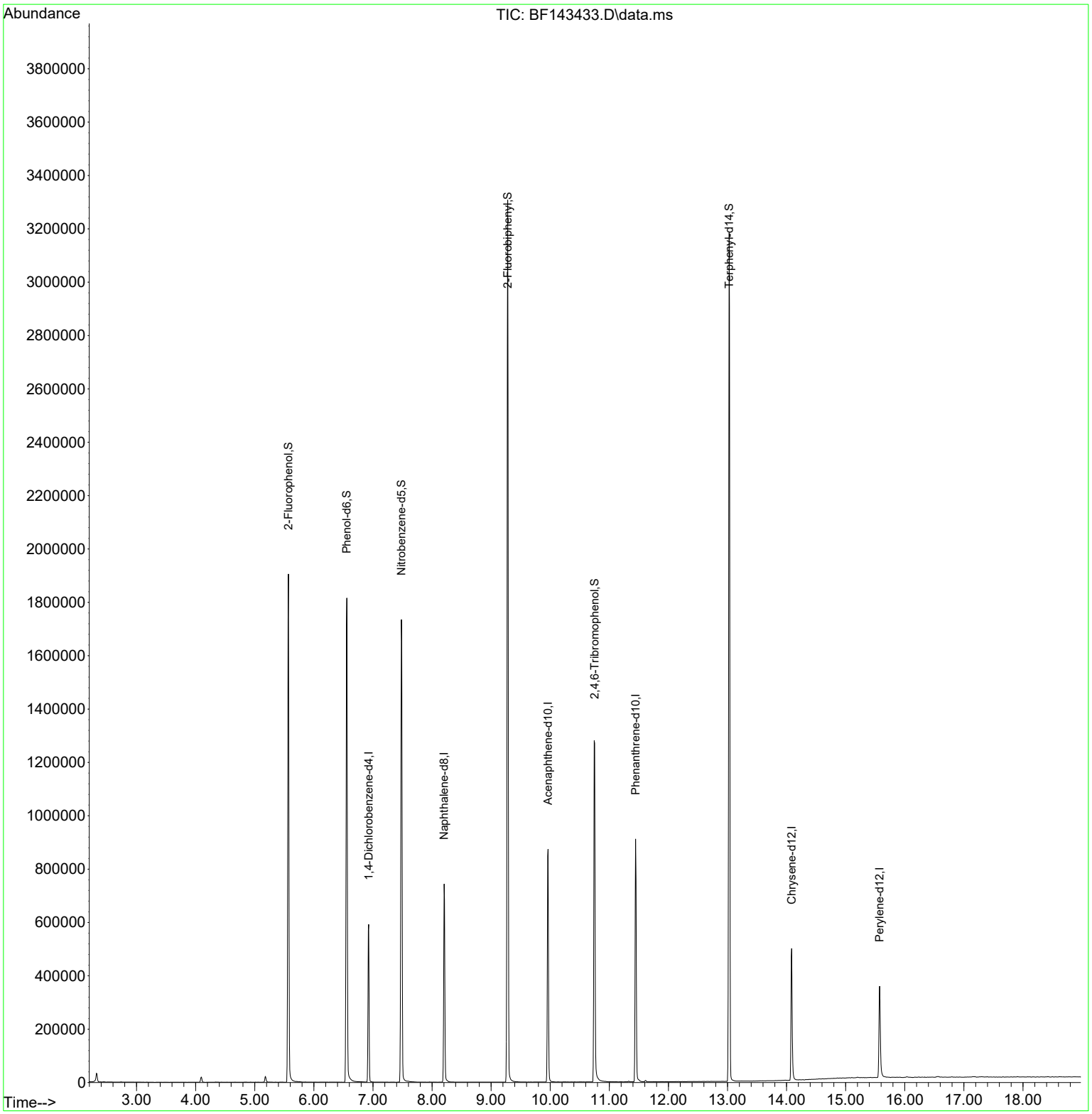
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	126309	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	491978	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	278073	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	476848	20.000	ng	0.00
76) Chrysene-d12	14.086	240	269560	20.000	ng	0.00
86) Perylene-d12	15.574	264	230909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	691978	95.233	ng	0.01
7) Phenol-d6	6.557	99	881267	96.240	ng	0.00
23) Nitrobenzene-d5	7.481	82	825215	99.532	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	239290	96.681	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1517117	91.766	ng	0.00
79) Terphenyl-d14	13.027	244	1660445	103.476	ng	0.00
Target Compounds						Qvalue

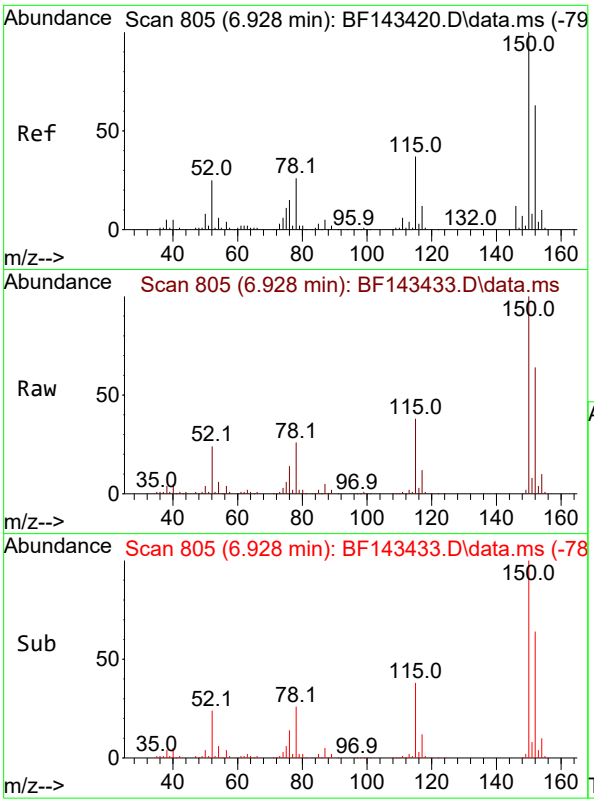
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143433.D
Acq On : 18 Aug 2025 11:02
Operator : RC/JU
Sample : PB169256BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169256BL

Quant Time: Aug 18 12:04:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration



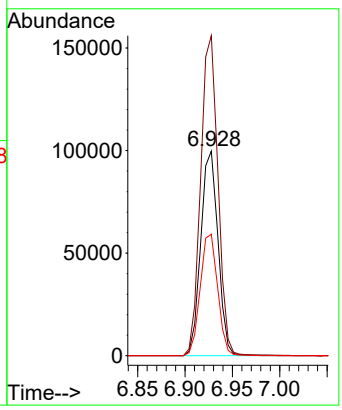


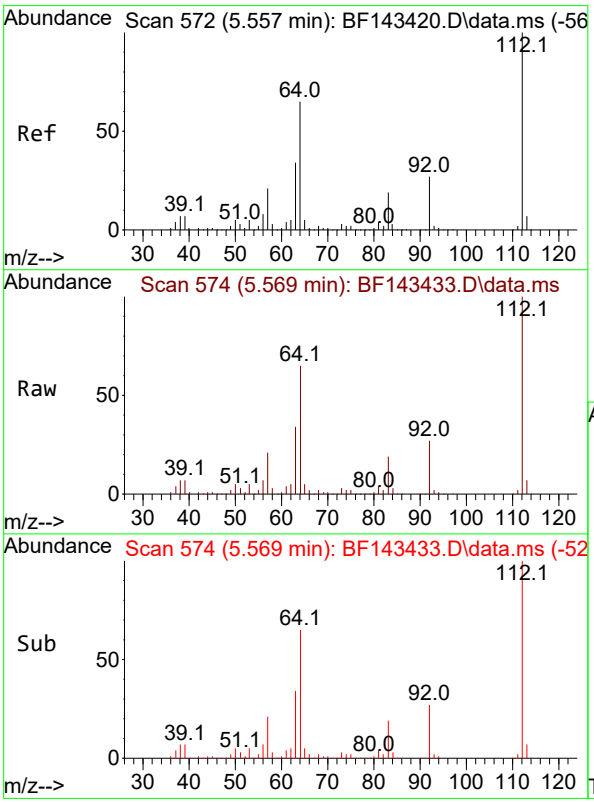
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Instrument :
BNA_F
ClientSampleId :
PB169256BL

Tgt Ion:152 Resp: 126309

Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.4	191.2
115	59.3	47.5	71.3

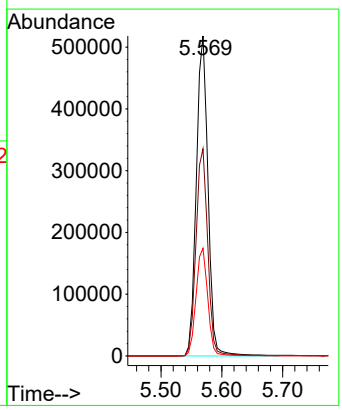


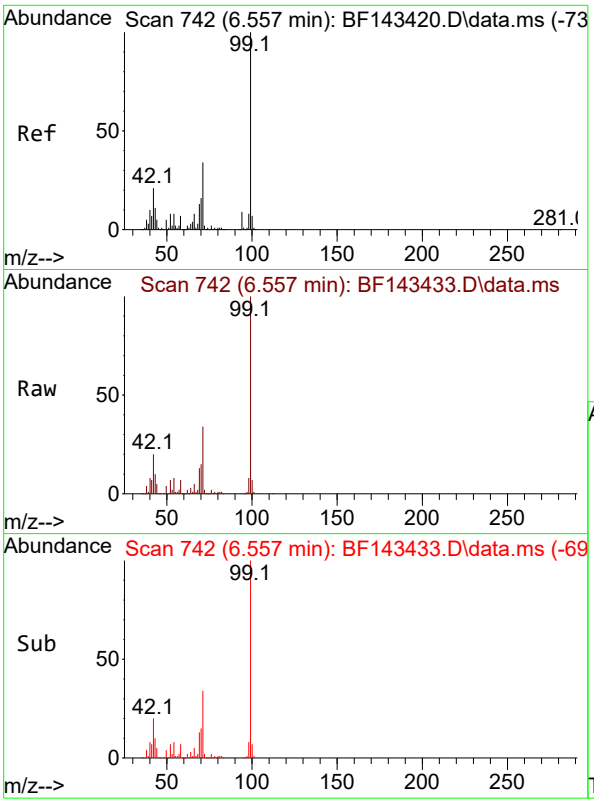


#5
2-Fluorophenol
Concen: 95.233 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion:112 Resp: 691978

Ion	Ratio	Lower	Upper
112	100		
64	64.8	52.2	78.2
63	33.7	27.0	40.6



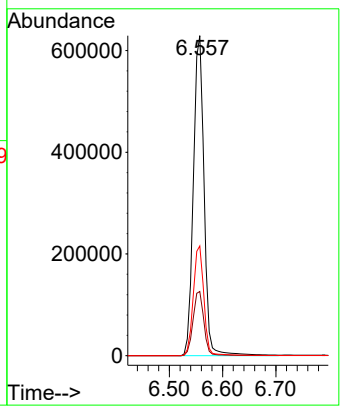


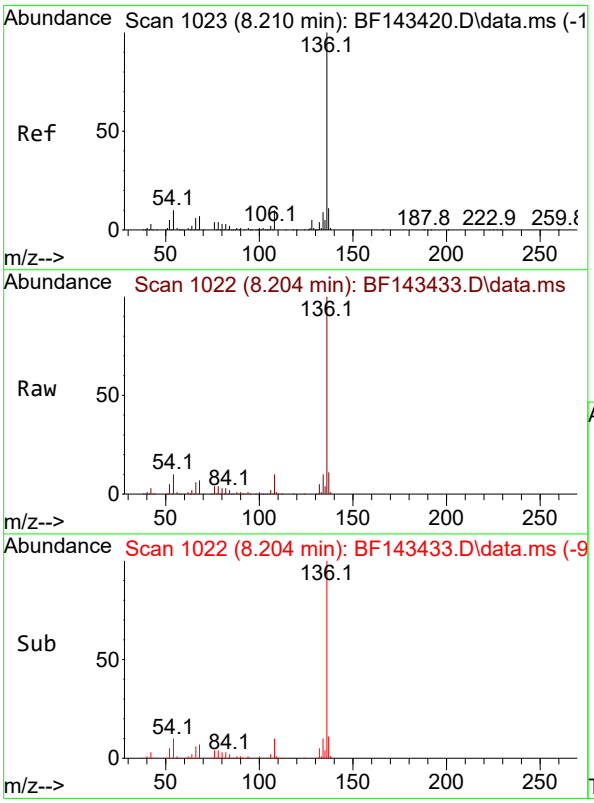
#7
Phenol-d6
Concen: 96.240 ng
RT: 6.557 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Instrument :
BNA_F
ClientSampleId :
PB169256BL

Tgt Ion: 99 Resp: 881267

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.6
71	34.3	27.4	41.2

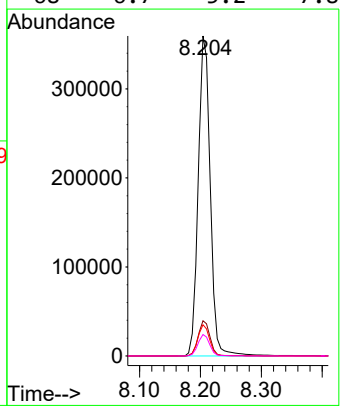


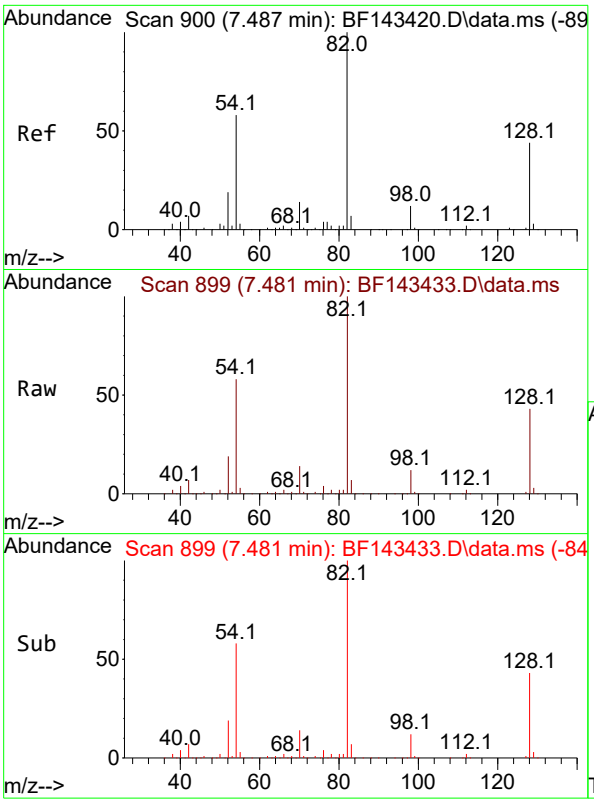


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion:136 Resp: 491978

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.8	7.8	11.8
68	6.7	5.2	7.8



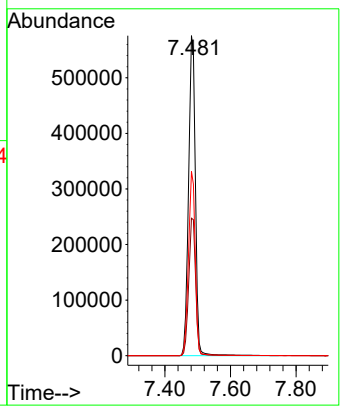


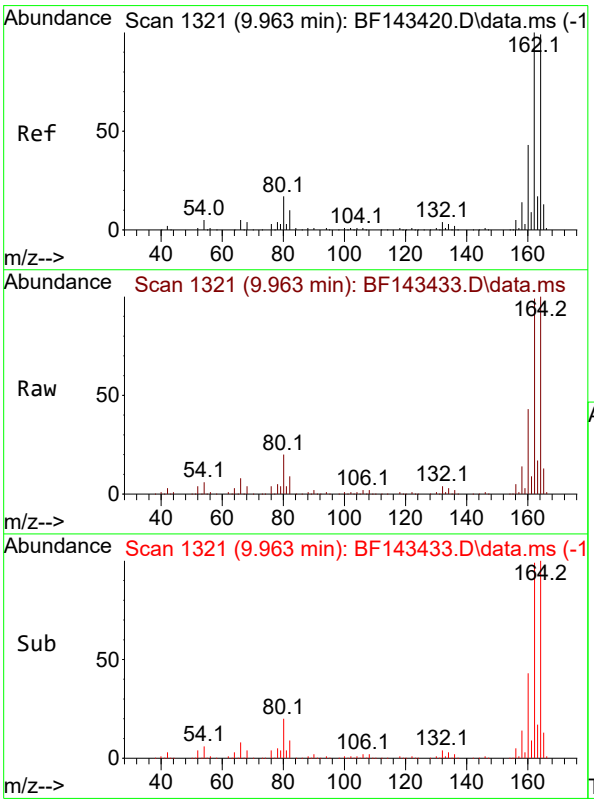
#23
Nitrobenzene-d5
Concen: 99.532 ng
RT: 7.481 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Instrument :
BNA_F
ClientSampleId :
PB169256BL

Tgt Ion: 82 Resp: 825215

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	57.6	46.0	69.0

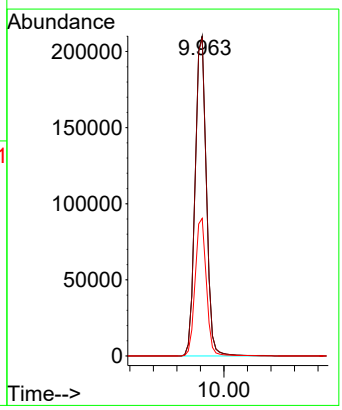


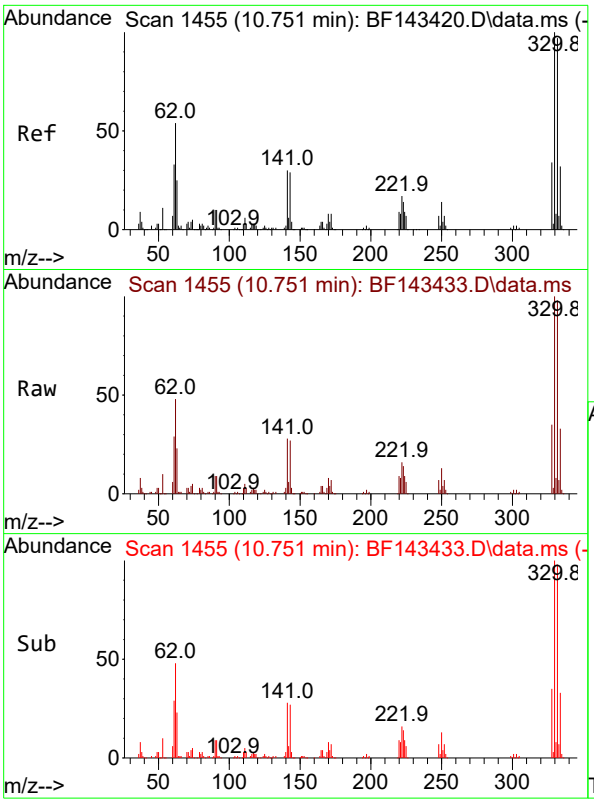


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion:164 Resp: 278073

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	121.0
160	43.0	34.6	51.8



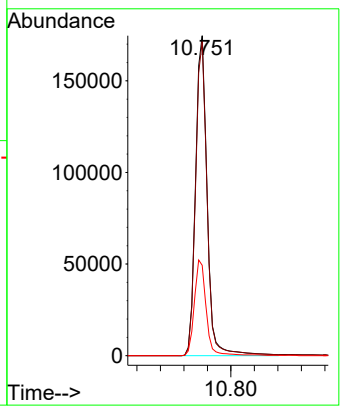


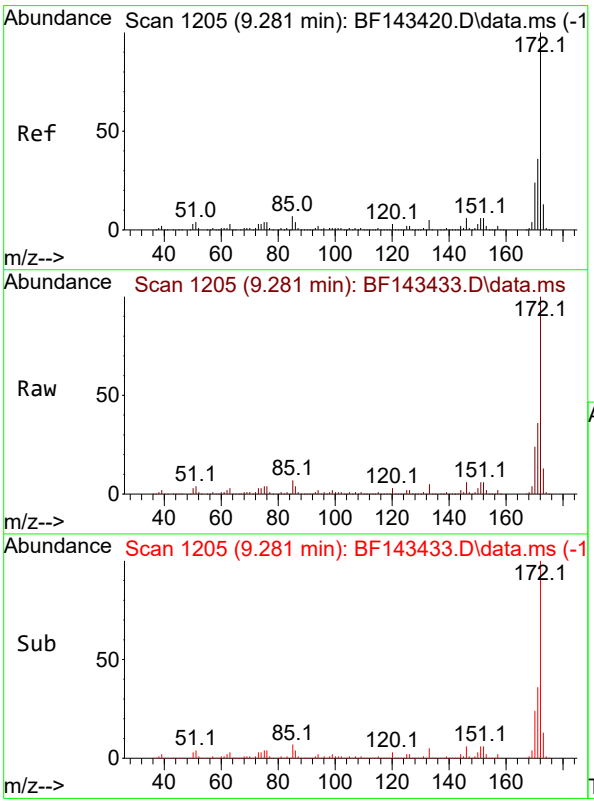
#42
2,4,6-Tribromophenol
Concen: 96.681 ng
RT: 10.751 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Instrument :
BNA_F
ClientSampleId :
PB169256BL

Tgt Ion:330 Resp: 239290

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	30.2	24.1	36.1

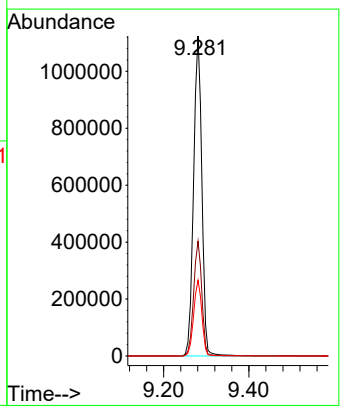


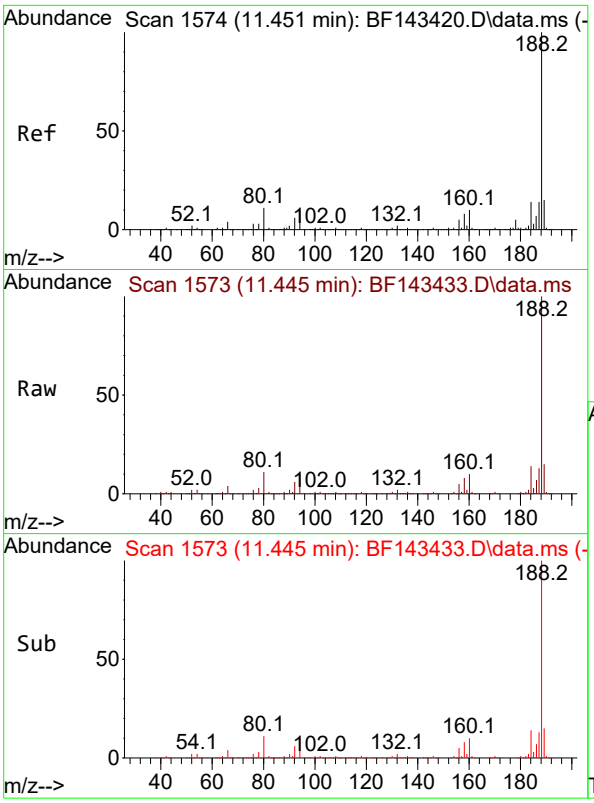


#45
2-Fluorobiphenyl
Concen: 91.766 ng
RT: 9.281 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion:172 Resp: 1517117

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.7	19.0	28.6



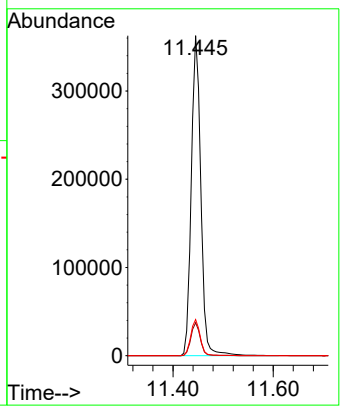


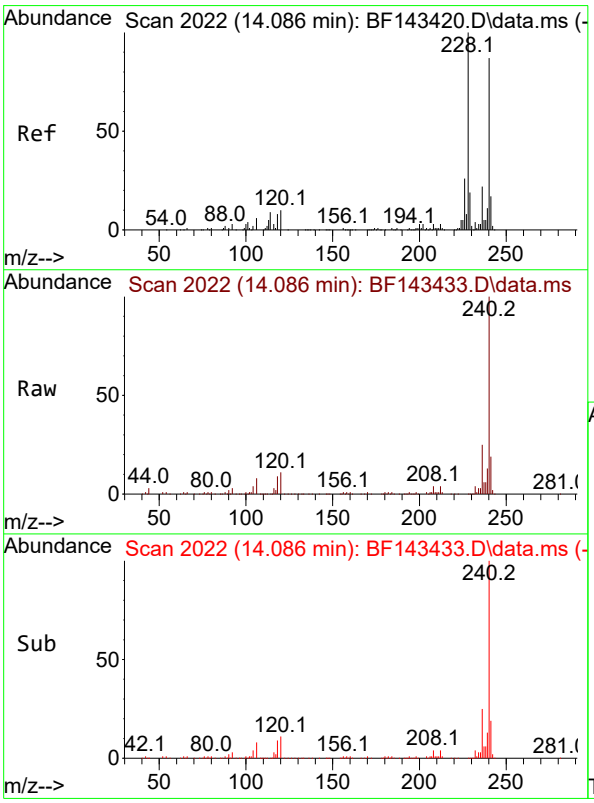
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Instrument :
BNA_F
ClientSampleId :
PB169256BL

Tgt Ion:188 Resp: 476848

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.0	12.0
80	11.3	8.6	12.8

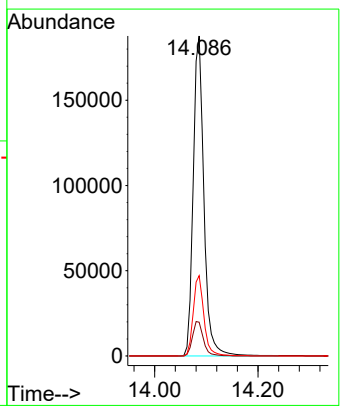


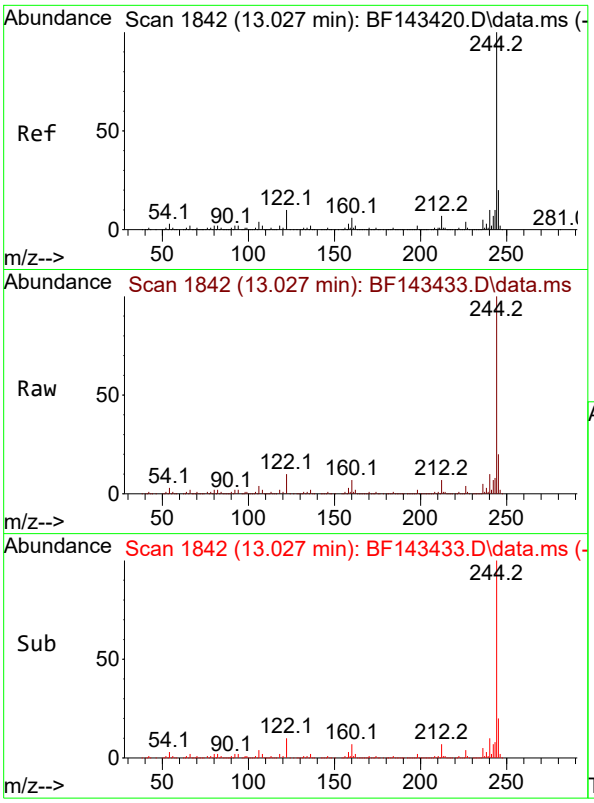


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion:240 Resp: 269560

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	25.1	20.2	30.2



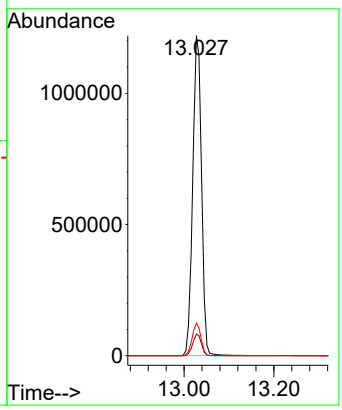


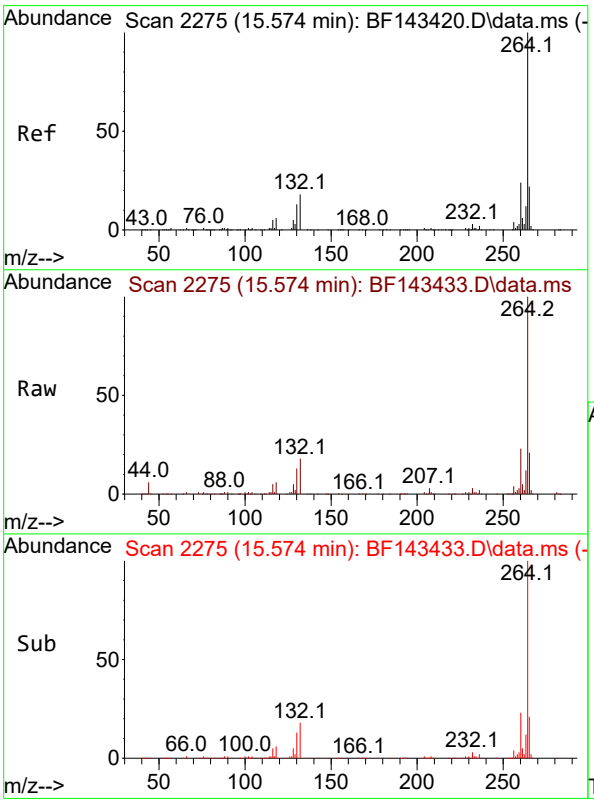
#79
Terphenyl-d14
Concen: 103.476 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Instrument :
BNA_F
ClientSampleId :
PB169256BL

Tgt Ion:244 Resp: 1660445

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.2	8.3	12.5

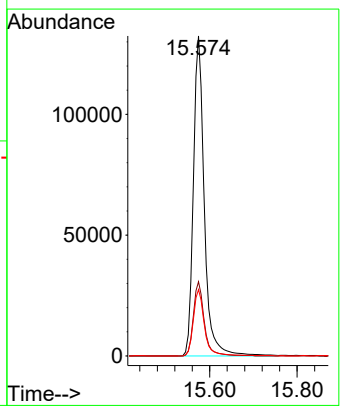




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF143433.D
Acq: 18 Aug 2025 11:02

Tgt Ion:264 Resp: 230909

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	20.8	17.4	26.0



Raw Data: **BF143431.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:	PB169256BS	SDG No.:	Q2811
Lab Sample ID:	PB169256BS	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
BF143431.D	1	08/14/25 10:35	08/18/25 10:04	PB169256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	47.8		0.86	10.0	ug/L
108-95-2	Phenol	44.8		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.8		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	46.2		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.1		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.3		1.40	5.00	ug/L
67-72-1	Hexachloroethane	44.7		0.65	5.00	ug/L
98-95-3	Nitrobenzene	45.9		0.76	5.00	ug/L
78-59-1	Isophorone	46.7		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	45.9		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	48.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.7		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.0		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.4		0.54	5.00	ug/L
91-20-3	Naphthalene	44.8		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	45.0		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	48.1		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	45.5		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.8		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	48.0		0.61	5.00	ug/L
208-96-8	Acenaphthylene	50.2		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	52.8		0.92	5.00	ug/L
83-32-9	Acenaphthene	47.5		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	87.2	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	100	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	52.6		1.20	5.00	ug/L
84-66-2	Diethylphthalate	47.9		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.9		0.68	5.00	ug/L

Raw Data: **BF143431.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:	PB169256BS	SDG No.:	Q2811
Lab Sample ID:	PB169256BS	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
BF143431.D	1	08/14/25 10:35	08/18/25 10:04	PB169256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	45.4		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.0		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	46.4		0.58	5.00	ug/L
103-33-3	Azobenzene	47.9		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.4		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	46.3		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	45.1		0.50	5.00	ug/L
120-12-7	Anthracene	45.5		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	49.8		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.9		0.82	5.00	ug/L
92-87-5	Benzidine	45.7		4.30	10.0	ug/L
129-00-0	Pyrene	48.6		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	52.9		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	30.1		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	47.2		0.45	5.00	ug/L
218-01-9	Chrysene	48.2		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	45.7		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.7		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	48.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	50.1		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.5		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.2		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.0		0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	90.5		60 - 140	90%	SPK: 100
13127-88-3	Phenol-d6	90.9		60 - 140	91%	SPK: 100
4165-60-0	Nitrobenzene-d5	92.8		60 - 140	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.4		60 - 140	87%	SPK: 100

Raw Data: **BF143431.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:	PB169256BS			SDG No.:	Q2811
Lab Sample ID:	PB169256BS			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
BF143431.D	1	08/14/25 10:35	08/18/25 10:04	PB169256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.1		60 - 140	93%	SPK: 100
1718-51-0	Terphenyl-d14	101		60 - 140	101%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	124000	6.928			
1146-65-2	Naphthalene-d8	481000	8.21			
15067-26-2	Acenaphthene-d10	269000	9.963			
1517-22-2	Phenanthrene-d10	427000	11.451			
1719-03-5	Chrysene-d12	219000	14.086			
1520-96-3	Perylene-d12	267000	15.574			

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\BF081825\
Data File : BF143431.D
Acq On : 18 Aug 2025 10:04
Operator : RC/JU
Sample : PB169256BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 18 12:03:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169256BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	123621	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	481072	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	268674	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	427113	20.000	ng		0.00
76) Chrysene-d12	14.086	240	218623	20.000	ng		0.00
86) Perylene-d12	15.574	264	267211	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	643434	90.478	ng		0.01
7) Phenol-d6	6.557	99	814634	90.897	ng		0.00
23) Nitrobenzene-d5	7.487	82	752444	92.812	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	222683	93.118	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1395856	87.385	ng		0.00
79) Terphenyl-d14	13.027	244	1311022	100.736	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	130159	38.023	ng		98
3) Pyridine	3.587	79	352112	39.219	ng		99
4) n-Nitrosodimethylamine	3.534	42	199528	47.814	ng		98
6) Aniline	6.587	93	466075	38.307	ng	#	86
8) 2-Chlorophenol	6.716	128	362375	46.155	ng		98
9) Benzaldehyde	6.475	77	200009	41.951	ng		99
10) Phenol	6.575	94	468846	44.831	ng		100
11) bis(2-Chloroethyl)ether	6.657	93	347135	44.780	ng		99
12) 1,3-Dichlorobenzene	6.869	146	401515	45.653	ng		99
13) 1,4-Dichlorobenzene	6.945	146	404306	46.046	ng		99
14) 1,2-Dichlorobenzene	7.098	146	386666	46.106	ng		99
15) Benzyl Alcohol	7.069	79	317216	47.996	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	597117	45.056	ng		99
17) 2-Methylphenol	7.181	107	300080	46.845	ng		99
18) Hexachloroethane	7.440	117	133486	44.664	ng		99
19) n-Nitroso-di-n-propyla...	7.334	70	251403	45.312	ng		99
20) 3+4-Methylphenols	7.334	107	350883	45.820	ng		99
22) Acetophenone	7.334	105	477025	46.119	ng		99
24) Nitrobenzene	7.504	77	389254	45.939	ng		99
25) Isophorone	7.745	82	724435	46.688	ng		100
26) 2-Nitrophenol	7.822	139	180187	45.872	ng		99
27) 2,4-Dimethylphenol	7.863	122	321100m	48.348	ng		
28) bis(2-Chloroethoxy)met...	7.951	93	435636	45.677	ng		99
29) 2,4-Dichlorophenol	8.069	162	311452	46.003	ng		100
30) 1,2,4-Trichlorobenzene	8.151	180	329123	47.445	ng		100
31) Naphthalene	8.234	128	1023422	44.810	ng		100
32) Benzoic acid	7.987	122	153599	44.469	ng		97
33) 4-Chloroaniline	8.275	127	262240	31.810	ng		99
34) Hexachlorobutadiene	8.351	225	199208	45.034	ng		98
35) Caprolactam	8.639	113	99063m	50.823	ng		
36) 4-Chloro-3-methylphenol	8.757	107	335636	48.136	ng		97
37) 2-Methylnaphthalene	8.922	142	633350	41.141	ng		99
38) 1-Methylnaphthalene	9.022	142	650273	44.087	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	327780	43.745	ng		98
41) Hexachlorocyclopentadiene	9.081	237	331763	117.992	ng		99
43) 2,4,6-Trichlorophenol	9.198	196	212589	45.482	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143431.D
Acq On : 18 Aug 2025 10:04
Operator : RC/JU
Sample : PB169256BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 18 12:03:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169256BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	234612	46.826	ng	99
46) 1,1'-Biphenyl	9.386	154	853015	45.187	ng	99
47) 2-Chloronaphthalene	9.410	162	667671	44.807	ng	99
48) 2-Nitroaniline	9.504	65	211253	47.639	ng	97
49) Acenaphthylene	9.828	152	1079824	50.190	ng	100
50) Dimethylphthalate	9.681	163	803409	47.963	ng	100
51) 2,6-Dinitrotoluene	9.739	165	174219	52.761	ng	100
52) Acenaphthene	9.998	154	686920	47.471	ng	100
53) 3-Nitroaniline	9.910	138	128803	35.017	ng	97
54) 2,4-Dinitrophenol	10.022	184	134762	87.224	ng	96
55) Dibenzofuran	10.169	168	950977	45.557	ng	99
56) 4-Nitrophenol	10.081	139	234148	101.253	ng	99
57) 2,4-Dinitrotoluene	10.145	165	231616	52.611	ng	97
58) Fluorene	10.510	166	727741	45.381	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	203698	53.708	ng	99
60) Diethylphthalate	10.381	149	741850	47.926	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	363591	45.859	ng	99
62) 4-Nitroaniline	10.528	138	167717	48.756	ng	97
63) Azobenzene	10.663	77	749441	47.903	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	105676	47.953	ng	96
66) n-Nitrosodiphenylamine	10.616	169	644051	46.376	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	233984	46.392	ng	99
68) Hexachlorobenzene	11.063	284	248281	46.305	ng	99
69) Atrazine	11.145	200	202844	49.937	ng	99
70) Pentachlorophenol	11.257	266	237038	100.525	ng	99
71) Phenanthrene	11.475	178	1043588	45.121	ng	99
72) Anthracene	11.528	178	1063305	45.517	ng	99
73) Carbazole	11.675	167	906556	45.884	ng	99
74) Di-n-butylphthalate	12.004	149	980650	49.842	ng	100
75) Fluoranthene	12.663	202	943315	45.901	ng	100
77) Benzidine	12.774	184	298325	45.695	ng	100
78) Pyrene	12.892	202	923857	48.619	ng	100
80) Butylbenzylphthalate	13.498	149	248867	52.876	ng	99
81) Benzo(a)anthracene	14.074	228	657299	47.224	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	122821	30.138	ng	100
83) Chrysene	14.110	228	620561	48.227	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	331064	49.530	ng	99
85) Di-n-octyl phthalate	14.668	149	619778	45.717	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	912222	45.524	ng	100
88) Benzo(b)fluoranthene	15.139	252	669374	46.739	ng	99
89) Benzo(k)fluoranthene	15.168	252	689259	48.795	ng	99
90) Benzo(a)pyrene	15.515	252	683001	50.072	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	742760	46.158	ng	100
92) Benzo(g,h,i)perylene	17.557	276	754836	46.956	ng	100

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

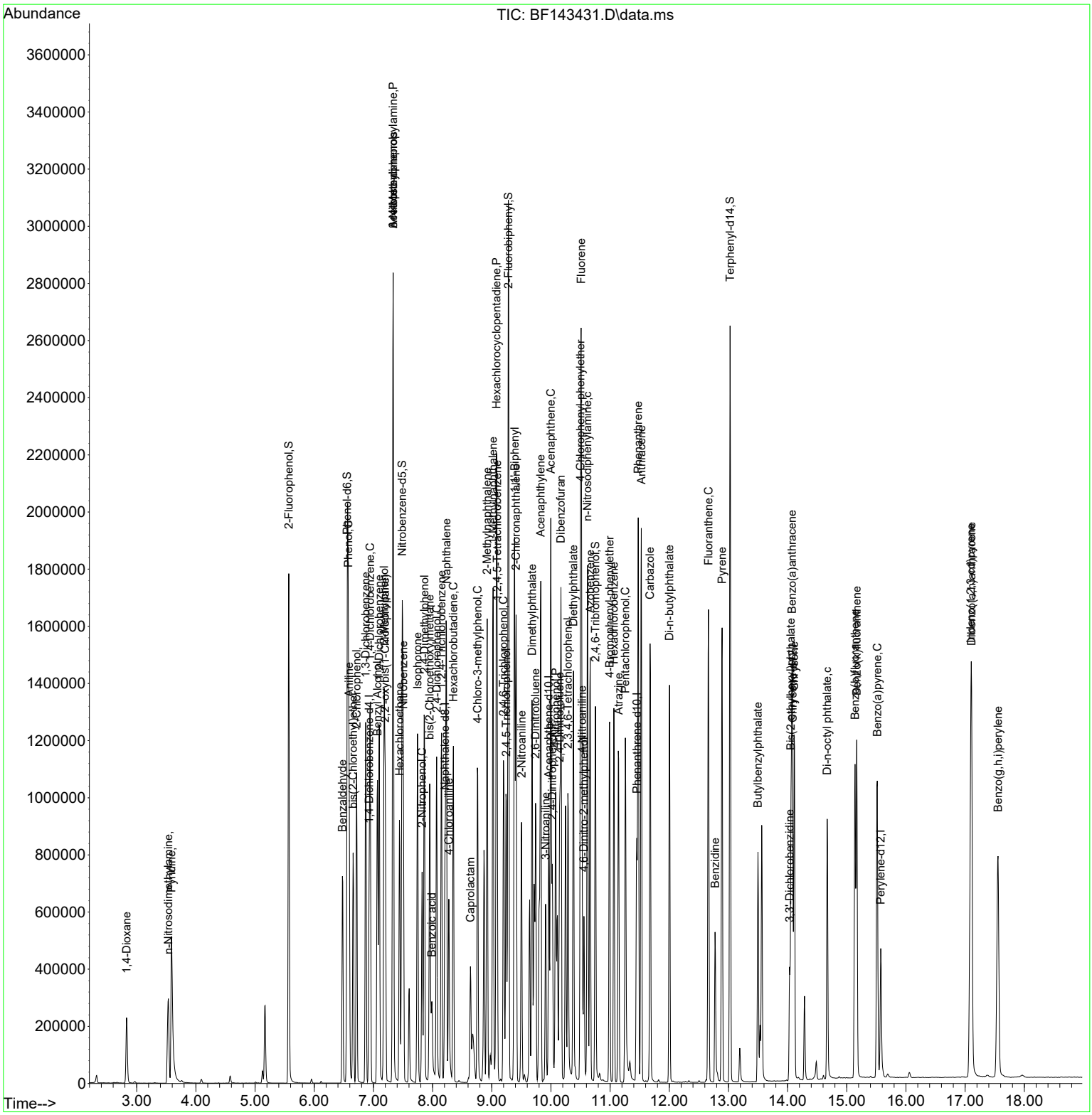
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143431.D
Acq On : 18 Aug 2025 10:04
Operator : RC/JU
Sample : PB169256BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 18 12:03:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169256BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



Raw Data: **BF143432.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:	PB169256BSD	SDG No.:	Q2811
Lab Sample ID:	PB169256BSD	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
BF143432.D	1	08/14/25 10:35	08/18/25 10:33	PB169256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	50.9		0.86	10.0	ug/L
108-95-2	Phenol	48.1		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.4		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	49.7		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.3		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.0		1.40	5.00	ug/L
67-72-1	Hexachloroethane	47.9		0.65	5.00	ug/L
98-95-3	Nitrobenzene	50.8		0.76	5.00	ug/L
78-59-1	Isophorone	51.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	51.8		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	53.4		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	50.2		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	50.5		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	51.8		0.54	5.00	ug/L
91-20-3	Naphthalene	49.0		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	49.6		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	52.5		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	49.6		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	48.7		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	51.9		0.61	5.00	ug/L
208-96-8	Acenaphthylene	54.1		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	57.2		0.92	5.00	ug/L
83-32-9	Acenaphthene	52.6		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	120	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	58.3		1.20	5.00	ug/L
84-66-2	Diethylphthalate	51.9		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.9		0.68	5.00	ug/L

Raw Data: **BF143432.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:	PB169256BSD	SDG No.:	Q2811
Lab Sample ID:	PB169256BSD	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
BF143432.D	1	08/14/25 10:35	08/18/25 10:33	PB169256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	49.2		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	50.2		0.58	5.00	ug/L
103-33-3	Azobenzene	52.1		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	50.2		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	50.3		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	48.6		0.50	5.00	ug/L
120-12-7	Anthracene	49.3		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	55.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	50.1		0.82	5.00	ug/L
92-87-5	Benzidine	51.6		4.30	10.0	ug/L
129-00-0	Pyrene	51.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	58.4		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.8		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	50.8		0.45	5.00	ug/L
218-01-9	Chrysene	52.0		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	52.5		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	52.0		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	53.1		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	54.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	51.2		0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	97.2		60 - 140	97%	SPK: 100
13127-88-3	Phenol-d6	97.6		60 - 140	98%	SPK: 100
4165-60-0	Nitrobenzene-d5	102		60 - 140	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.2		60 - 140	94%	SPK: 100

Raw Data: **BF143432.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:	PB169256BSD	SDG No.:	Q2811
Lab Sample ID:	PB169256BSD	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
BF143432.D	1	08/14/25 10:35	08/18/25 10:33	PB169256

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106		60 - 140	106%	SPK: 100
1718-51-0	Terphenyl-d14	107		60 - 140	107%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	123000	6.928			
1146-65-2	Naphthalene-d8	471000	8.21			
15067-26-2	Acenaphthene-d10	264000	9.963			
1517-22-2	Phenanthrene-d10	425000	11.451			
1719-03-5	Chrysene-d12	226000	14.086			
1520-96-3	Perylene-d12	260000	15.574			

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: **BF143432.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143432.D
Acq On : 18 Aug 2025 10:33
Operator : RC/JU
Sample : PB169256BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 12:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169256BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	123016	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	471004	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	263675	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	424732	20.000	ng	0.00
76) Chrysene-d12	14.086	240	226165	20.000	ng	0.00
86) Perylene-d12	15.574	264	260498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	687646	97.170	ng	0.01
7) Phenol-d6	6.563	99	870245	97.580	ng	0.00
23) Nitrobenzene-d5	7.487	82	805995	101.542	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	248037	105.687	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1476237	94.170	ng	0.00
79) Terphenyl-d14	13.027	244	1439984	106.956	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	137957	40.500	ng	99
3) Pyridine	3.587	79	383890	42.969	ng	98
4) n-Nitrosodimethylamine	3.534	42	211181	50.855	ng	99
6) Aniline	6.593	93	494159	40.815	ng	99
8) 2-Chlorophenol	6.716	128	388671	49.748	ng	99
9) Benzaldehyde	6.475	77	213888	45.083	ng	100
10) Phenol	6.575	94	500506	48.093	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	373276	48.389	ng	99
12) 1,3-Dichlorobenzene	6.869	146	425782	48.651	ng	100
13) 1,4-Dichlorobenzene	6.945	146	429121	49.113	ng	100
14) 1,2-Dichlorobenzene	7.098	146	412189	49.391	ng	100
15) Benzyl Alcohol	7.069	79	337556	51.325	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	636828	48.289	ng	98
17) 2-Methylphenol	7.181	107	322459	50.586	ng	99
18) Hexachloroethane	7.440	117	142474	47.906	ng	98
19) n-Nitroso-di-n-propyla...	7.334	70	270636	49.018	ng	99
20) 3+4-Methylphenols	7.334	107	374819	49.187	ng	97
22) Acetophenone	7.334	105	508650	50.228	ng	99
24) Nitrobenzene	7.504	77	421836	50.849	ng	99
25) Isophorone	7.745	82	777411	51.173	ng	100
26) 2-Nitrophenol	7.822	139	199231	51.805	ng	99
27) 2,4-Dimethylphenol	7.863	122	346963m	53.359	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	468422	50.164	ng	100
29) 2,4-Dichlorophenol	8.069	162	334598	50.478	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	351529	51.758	ng	99
31) Naphthalene	8.234	128	1096477	49.035	ng	100
32) Benzoic acid	7.992	122	182069	53.838	ng	98
33) 4-Chloroaniline	8.275	127	271237	33.605	ng	98
34) Hexachlorobutadiene	8.351	225	214757	49.587	ng	98
35) Caprolactam	8.645	113	106542m	55.828	ng	
36) 4-Chloro-3-methylphenol	8.763	107	358150	52.463	ng	99
37) 2-Methylnaphthalene	8.922	142	670156	44.462	ng	99
38) 1-Methylnaphthalene	9.022	142	692848	47.978	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	346649	47.141	ng	98
41) Hexachlorocyclopentadiene	9.081	237	368119	132.543	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	227299	49.551	ng	98

Sample Results: **BF143432.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143432.D
Acq On : 18 Aug 2025 10:33
Operator : RC/JU
Sample : PB169256BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 12:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169256BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	251842	51.218	ng	99
46) 1,1'-Biphenyl	9.386	154	913784	49.324	ng	99
47) 2-Chloronaphthalene	9.410	162	711481	48.652	ng	99
48) 2-Nitroaniline	9.504	65	228010	52.393	ng	96
49) Acenaphthylene	9.828	152	1143201	54.143	ng	99
50) Dimethylphthalate	9.681	163	853912	51.944	ng	100
51) 2,6-Dinitrotoluene	9.745	165	185428	57.220	ng	97
52) Acenaphthene	9.998	154	747542	52.640	ng	100
53) 3-Nitroaniline	9.910	138	135285	37.477	ng	99
54) 2,4-Dinitrophenol	10.022	184	160345	104.524	ng	96
55) Dibenzofuran	10.169	168	1009754	49.290	ng	98
56) 4-Nitrophenol	10.081	139	261953	115.424	ng	99
57) 2,4-Dinitrotoluene	10.151	165	251963	58.318	ng	98
58) Fluorene	10.510	166	773997	49.180	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	220551	59.254	ng	99
60) Diethylphthalate	10.381	149	788488	51.905	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	388170	49.887	ng	96
62) 4-Nitroaniline	10.528	138	184271	54.584	ng	98
63) Azobenzene	10.663	77	799381	52.064	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	119928	54.725	ng	94
66) n-Nitrosodiphenylamine	10.622	169	693939	50.248	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	251773	50.199	ng	99
68) Hexachlorobenzene	11.063	284	268208	50.302	ng	99
69) Atrazine	11.145	200	216563	53.613	ng	99
70) Pentachlorophenol	11.257	266	264390	112.754	ng	99
71) Phenanthrene	11.475	178	1118613	48.635	ng	99
72) Anthracene	11.528	178	1144316	49.259	ng	99
73) Carbazole	11.680	167	975657	49.658	ng	100
74) Di-n-butylphthalate	12.004	149	1078810	55.139	ng	99
75) Fluoranthene	12.663	202	1023073	50.061	ng	100
77) Benzidine	12.774	184	348234	51.561	ng	99
78) Pyrene	12.892	202	1010934	51.427	ng	100
80) Butylbenzylphthalate	13.498	149	284383	58.407	ng	100
81) Benzo(a)anthracene	14.074	228	731638	50.812	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	134134	31.817	ng	100
83) Chrysene	14.116	228	692560	52.027	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	362867	52.478	ng	99
85) Di-n-octyl phthalate	14.668	149	678349	48.368	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	973070	49.812	ng	100
88) Benzo(b)fluoranthene	15.139	252	726149	52.010	ng	99
89) Benzo(k)fluoranthene	15.168	252	731388	53.112	ng	99
90) Benzo(a)pyrene	15.515	252	726611	54.641	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	793736	50.597	ng	99
92) Benzo(g,h,i)perylene	17.557	276	801965	51.174	ng	99

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

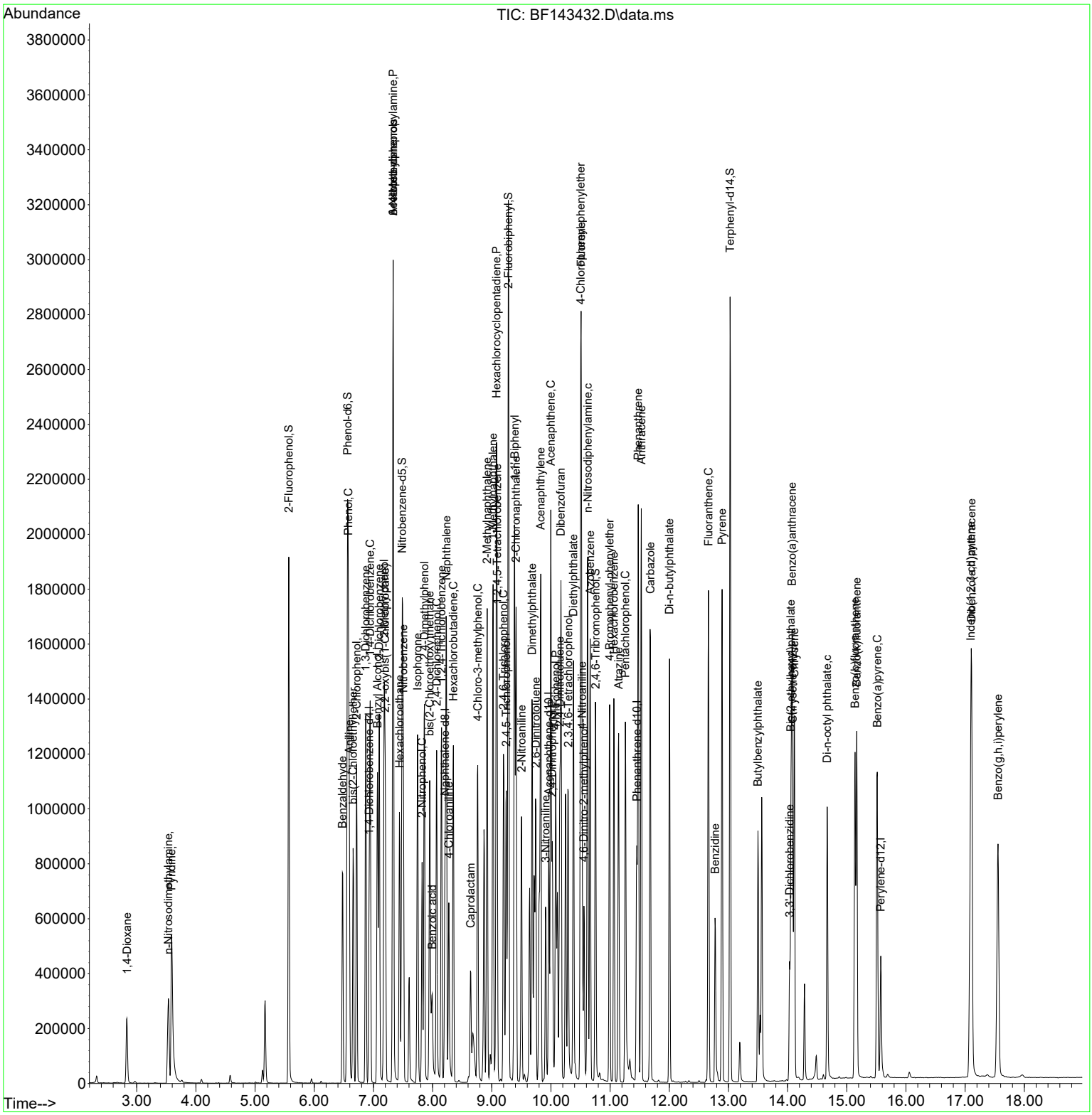
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143432.D
Acq On : 18 Aug 2025 10:33
Operator : RC/JU
Sample : PB169256BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 18 12:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169256BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/19/2025
Supervised By :Jagrut Upadhyay 08/19/2025



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

Manual Integration Report

Sequence:	bf081525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF143418.D	Benzoic acid	Rahul	8/18/2025 8:33:03 AM	Jagrut	8/18/2025 8:43:19 AM	Peak Integrated by Software
SSTDICC020	BF143419.D	Benzoic acid	Rahul	8/18/2025 8:33:06 AM	Jagrut	8/18/2025 8:43:12 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	bf081825	Instrument	BNA_f

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

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

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF081525

Review By	Rahul	Review On	8/18/2025 8:39:29 AM				
Supervise By	Jagrut	Supervise On	8/18/2025 8:43:38 AM				
SubDirectory	BF081525	HP Acquire Method	BNA_F		HP Processing Method	bf081525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143415.D	15 Aug 2025 13:59	RC/JU	Ok
2	SSTDICC2.5	BF143416.D	15 Aug 2025 14:29	RC/JU	Ok
3	SSTDICC005	BF143417.D	15 Aug 2025 14:58	RC/JU	Ok
4	SSTDICC010	BF143418.D	15 Aug 2025 15:28	RC/JU	Ok,M
5	SSTDICC020	BF143419.D	15 Aug 2025 15:58	RC/JU	Ok,M
6	SSTDICCC040	BF143420.D	15 Aug 2025 16:28	RC/JU	Ok
7	SSTDICC050	BF143421.D	15 Aug 2025 16:58	RC/JU	Ok
8	SSTDICC060	BF143422.D	15 Aug 2025 17:27	RC/JU	Ok
9	SSTDICC080	BF143423.D	15 Aug 2025 17:57	RC/JU	Ok
10	SSTDICV040	BF143424.D	15 Aug 2025 18:57	RC/JU	Ok
11	PB169229BL	BF143425.D	15 Aug 2025 19:27	RC/JU	Ok
12	PB169229BS	BF143426.D	15 Aug 2025 19:56	RC/JU	Ok,M
13	SSTDCCC040	BF143427.D	15 Aug 2025 20:26	RC/JU	Ok

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 # BF081825

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF081825	HP Acquire Method	BNA_F	HP Processing Method	bf081525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143428.D	18 Aug 2025 08:37	RC/JU	Ok
2	SSTDCCC040	BF143429.D	18 Aug 2025 09:06	RC/JU	Ok
3	PB169212TB	BF143430.D	18 Aug 2025 09:35	RC/JU	Ok
4	PB169256BS	BF143431.D	18 Aug 2025 10:04	RC/JU	Ok,NR
5	PB169256BSD	BF143432.D	18 Aug 2025 10:33	RC/JU	Ok,NR
6	PB169256BL	BF143433.D	18 Aug 2025 11:02	RC/JU	Ok
7	Q2832-10	BF143434.D	18 Aug 2025 11:41	RC/JU	Ok,NR
8	Q2844-01	BF143435.D	18 Aug 2025 12:10	RC/JU	Ok
9	Q2837-01	BF143436.D	18 Aug 2025 12:39	RC/JU	Ok
10	Q2811-02	BF143437.D	18 Aug 2025 13:08	RC/JU	Ok
11	Q2844-06	BF143438.D	18 Aug 2025 13:37	RC/JU	Ok,NR
12	Q2844-11	BF143439.D	18 Aug 2025 14:06	RC/JU	Ok
13	Q2844-09	BF143440.D	18 Aug 2025 14:36	RC/JU	Ok
14	Q2844-04	BF143441.D	18 Aug 2025 15:05	RC/JU	ReRun
15	Q2844-02	BF143442.D	18 Aug 2025 15:34	RC/JU	ReRun
16	Q2874-03	BF143443.D	18 Aug 2025 16:04	RC/JU	Ok

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 # BF081525

Review By	Rahul	Review On	8/18/2025 8:39:29 AM		
Supervise By	Jagrut	Supervise On	8/18/2025 8:43:38 AM		
SubDirectory	BF081525	HP Acquire Method	BNA_F	HP Processing Method	bf081525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/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	BF143415.D	15 Aug 2025 13:59		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143416.D	15 Aug 2025 14:29		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143417.D	15 Aug 2025 14:58		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143418.D	15 Aug 2025 15:28		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143419.D	15 Aug 2025 15:58	Compound#41,54 Kept on LR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143420.D	15 Aug 2025 16:28	Benzaldehyde failed in the Calibration.	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF143421.D	15 Aug 2025 16:58		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143422.D	15 Aug 2025 17:27		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143423.D	15 Aug 2025 17:57	compound #77 removed.	RC/JU	Ok
10	SSTDICV040	ICVBF081525	BF143424.D	15 Aug 2025 18:57		RC/JU	Ok
11	PB169229BL	PB169229BL	BF143425.D	15 Aug 2025 19:27		RC/JU	Ok
12	PB169229BS	PB169229BS	BF143426.D	15 Aug 2025 19:56		RC/JU	Ok,M
13	SSTDCCC040	SSTDCCC040EC	BF143427.D	15 Aug 2025 20:26		RC/JU	Ok

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 # BF081825

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BF081825	HP Acquire Method	BNA_F	HP Processing Method	bf081525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13170,10ul/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	BF143428.D	18 Aug 2025 08:37		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143429.D	18 Aug 2025 09:06		RC/JU	Ok
3	PB169212TB	PB169212TB	BF143430.D	18 Aug 2025 09:35		RC/JU	Ok
4	PB169256BS	PB169256BS	BF143431.D	18 Aug 2025 10:04		RC/JU	Ok,NR
5	PB169256BSD	PB169256BSD	BF143432.D	18 Aug 2025 10:33		RC/JU	Ok,NR
6	PB169256BL	PB169256BL	BF143433.D	18 Aug 2025 11:02		RC/JU	Ok
7	Q2832-10	TG-S05	BF143434.D	18 Aug 2025 11:41		RC/JU	Ok,NR
8	Q2844-01	PAD-081325	BF143435.D	18 Aug 2025 12:10		RC/JU	Ok
9	Q2837-01	TW-WTS-13	BF143436.D	18 Aug 2025 12:39		RC/JU	Ok
10	Q2811-02	EFF-WASTE WATER	BF143437.D	18 Aug 2025 13:08	Surrogate Fail	RC/JU	Ok
11	Q2844-06	MOO-25-0223	BF143438.D	18 Aug 2025 13:37	Internal Standard Failed.	RC/JU	Ok,NR
12	Q2844-11	MOO-25-0228	BF143439.D	18 Aug 2025 14:06		RC/JU	Ok
13	Q2844-09	MOO-25-0226	BF143440.D	18 Aug 2025 14:36		RC/JU	Ok
14	Q2844-04	MOO-25-0234-0235	BF143441.D	18 Aug 2025 15:05	Internal Standard Fail	RC/JU	ReRun
15	Q2844-02	MOO-25-0224-0225	BF143442.D	18 Aug 2025 15:34	Internal Standard Fail	RC/JU	ReRun
16	Q2874-03	ELI-HQ-CONCRETE	BF143443.D	18 Aug 2025 16:04		RC/JU	Ok

M : Manual Integration

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EXTRACTION LOGPAGE

PB169256

SOP ID:	M625.1-BNA-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/14/2025
Matrix :	Water			**Extraction Start Time :**	10:35
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	08/14/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	15:25
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	SP6849
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	E3954
Baked Na2SO4	N/A	EP2632
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 & >11 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
8/14/25	RS (Ext Lab)	RC/SVOC
15:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169256

Analytical Method: M625.1-BNA-21 **Concentration Date:** 08/14/2025

Sample ID	Client Sample ID	Test	g /(mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169256BL	SBLK256	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-1
PB169256BS	SLCS256	SVOCMS Group1	1000	6	RUPESH	ritesh	1			2
PB169256BSD	SLCSD256	SVOCMS Group1	1000	6	RUPESH	ritesh	1			3
Q2811-02	EFF-WASTE WATER	SVOCMS Group1	960	6	RUPESH	ritesh	1	C		4

RS 8/14

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

16925 6
10:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2811 **WorkList ID :** 191283 **Department :** Extraction **Date :** 08-14-2025 10:30:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2811-02	EFF-WASTE WATER	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	J21	08/08/2025	625.1

Date/Time 8/14/25 10:30
Raw Sample Received by: RS (Out-lab)
Raw Sample Relinquished by: RM SM

Date/Time 8/14/25 10:55
Raw Sample Received by: RM SM
Raw Sample Relinquished by: RS (Out-lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. / QUOTE NO. Q2811

COC Number 2047584

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 973 481 2406 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): _____ DAYS*

EDD: STANDARD 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- WASTE WATER	WW		X	8/8/25	11:00 AM		X	X								
2.	EFF - WASTE WATER	WW	X		8/8/25	11:00 AM				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	8/8/25 1250	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.3 °C

Comments: METALS LEAD ZINC

1 Bottle

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2811 ARDM01
Client Name : Ardmore Chemical
Client Contact : Michael Sharphouse
Invoice Name : Ardmore Chemical
Invoice Contact : Michael Sharphouse

Order Date : 8/8/2025 1:07:00 PM
Project Name : PVSC Monthly 2025
Receive DateTime : 8/8/2025 12:50:00 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
Q2811-01	EFF-WASTE WATER	Water	08/08/2025	11:00					
					VOC-PP		624.1		10 Bus. Days

Relinguished By : CP
Date / Time : 8/8/25 1330

Received By : JC
Date / Time : 8/8/25 1330

Storage Area : VOA Refridgerator Room