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Cover Page

Order ID : Q1666

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

Client : ENTACT

Lab Sample Number	Client Sample Number
Q1666-01	TW-WTS-05

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: 4/4/2025

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 #: **Q1666**

	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:** **04/04/2025**

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LAB CHRONICLE

OrderID:	Q1666	**OrderDate:**	3/27/2025 1:05:00 PM
Client:	ENTACT	**Project:**	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	**Location:**	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1666-01	**TW-WTS-05**	**Water**			**03/25/25**			**03/27/25**
			SVOCMS Group4	8270E		03/28/25	04/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1666

Client: ENTACT

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q1666

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167376BL	PB167376BL	2-Fluorophenol	150	157	105		15 (10)	110 (139)
		Phenol-d6	150	155	103		15 (10)	110 (134)
		Nitrobenzene-d5	100	111	111		30 (49)	130 (133)
		2-Fluorobiphenyl	100	96.5	97		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	190	127	*	15 (44)	110 (137)
		Terphenyl-d14	100	105	105		30 (48)	130 (125)
PB167376BS	PB167376BS	2-Fluorophenol	150	149	100		15 (10)	110 (139)
		Phenol-d6	150	148	98		15 (10)	110 (134)
		Nitrobenzene-d5	100	103	103		30 (49)	130 (133)
		2-Fluorobiphenyl	100	89.2	89		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	177	118	*	15 (44)	110 (137)
		Terphenyl-d14	100	97.6	98		30 (48)	130 (125)
PB167376BSD	PB167376BSD	2-Fluorophenol	150	145	97		15 (10)	110 (139)
		Phenol-d6	150	145	97		15 (10)	110 (134)
		Nitrobenzene-d5	100	104	104		30 (49)	130 (133)
		2-Fluorobiphenyl	100	87.4	87		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	173	115	*	15 (44)	110 (137)
		Terphenyl-d14	100	98.4	98		30 (48)	130 (125)
Q1666-01	TW-WTS-05	2-Fluorophenol	150	54.9	37		15 (10)	110 (139)
		Phenol-d6	150	32.1	21		15 (10)	110 (134)
		Nitrobenzene-d5	100	104	104		30 (49)	130 (133)
		2-Fluorobiphenyl	100	92.5	93		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	162	108		15 (44)	110 (137)
		Terphenyl-d14	100	90.2	90		30 (48)	130 (125)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1666

Client: ENTACT

Analytical Method: 8270E **DataFile:** BG064170.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167376BS	Phenol	50	54.3	ug/L	109				20 (66)	160 (118)	
	1,4-Dichlorobenzene	50	47.8	ug/L	96				70 (76)	130 (103)	
	1,2,4-Trichlorobenzene	50	47.0	ug/L	94				70 (41)	130 (115)	
	Naphthalene	50	46.5	ug/L	93				70 (64)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1666

Client: ENTACT

Analytical Method: 8270E **DataFile:** BG064172.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167376BSD	Phenol	50	52.3	ug/L	105	4			20 (66)	160 (118)	20 (20)
	1,4-Dichlorobenzene	50	46.1	ug/L	92	4			70 (76)	130 (103)	20 (20)
	1,2,4-Trichlorobenzene	50	47.8	ug/L	96	2			70 (41)	130 (115)	20 (20)
	Naphthalene	50	46.9	ug/L	94	1			70 (64)	130 (107)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167376BL

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1666 SAS No.: Q1666 SDG NO.: Q1666

Lab File ID: BG064167.D Lab Sample ID: PB167376BL

Instrument ID: BNA_G Date Extracted: 03/28/2025

Matrix: (soil/water) Water Date Analyzed: 04/03/2025

Level: (low/med) LOW Time Analyzed: 15:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167376BS	PB167376BS	BG064170.D	04/03/2025
PB167376BSD	PB167376BSD	BG064172.D	04/03/2025
TW-WTS-05	Q1666-01	BG064132.D	04/01/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q1666 SDG NO.: Q1666

Lab File ID: BG064044.D DFTPP Injection Date: 03/05/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	55.3
68	Less than 2.0% of mass 69	0.4 (1.1) 1
69	Mass 69 relative abundance	38
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	13.7
442	Greater than 50% of mass 198	85.4
443	15.0 - 24.0% of mass 442	17.2 (20.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064045.D	03/05/2025	09:02
SSTDICC005	SSTDICC005	BG064046.D	03/05/2025	09:42
SSTDICC010	SSTDICC010	BG064047.D	03/05/2025	10:22
SSTDICC020	SSTDICC020	BG064048.D	03/05/2025	11:03
SSTDICCC040	SSTDICCC040	BG064049.D	03/05/2025	11:43
SSTDICC050	SSTDICC050	BG064050.D	03/05/2025	12:23
SSTDICC060	SSTDICC060	BG064051.D	03/05/2025	13:04
SSTDICC080	SSTDICC080	BG064052.D	03/05/2025	13:44

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q1666 SDG NO.: Q1666

Lab File ID: BG064129.D DFTPP Injection Date: 04/01/2025

Instrument ID: BNA_G DFTPP Injection Time: 10:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	57
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	38.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.9
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	6.9
275	10.0 - 60.0% of mass 198	29.4
365	Greater than 1% of mass 198	5.4
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	94
443	15.0 - 24.0% of mass 442	18.1 (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	BG064130.D	04/01/2025	11:38
TW-WTS-05	Q1666-01	BG064132.D	04/01/2025	13:02

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM SAS No.: Q1666 SDG NO.: Q1666

Lab File ID: BG064163.D DFTPP Injection Date: 04/03/2025

Instrument ID: BNA_G DFTPP Injection Time: 12:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	56
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	40.6
70	Less than 2.0% of mass 69	0.3 (0.8) 1
127	10.0 - 80.0% of mass 198	48.4
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.7
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	81
443	15.0 - 24.0% of mass 442	16.4 (20.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064164.D	04/03/2025	13:04
PB167376BL	PB167376BL	BG064167.D	04/03/2025	15:13
PB167376BS	PB167376BS	BG064170.D	04/03/2025	17:15
PB167376BSD	PB167376BSD	BG064172.D	04/03/2025	18:36

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1666 SAS No.: Q1666 SDG NO.: Q1666

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/01/2025

Lab File ID: BG064130.D Time Analyzed: 11:38

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	35250	7.864	155899	10.65	116262	14.49
	UPPER LIMIT	70500	8.364	311798	11.149	232524	14.985
	LOWER LIMIT	17625	7.364	77949.5	10.149	58131	13.985
	EPA SAMPLE NO.						
01	TW-WTS-05	37361	7.86	150903	10.65	101090	14.48

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1666 SAS No.: Q1666 SDG NO.: Q1666

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/01/2025

Lab File ID: BG064130.D Time Analyzed: 11:38

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	250435	17.223	243510	21.459	261203	24.468
	UPPER LIMIT	500870	17.723	487020	21.959	522406	24.968
	LOWER LIMIT	125218	16.723	121755	20.959	130602	23.968
	EPA SAMPLE NO.						
01	TW-WTS-05	219908	17.22	242527	21.45	257901	24.47

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1666 SAS No.: Q1666 SDG NO.: Q1666

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/03/2025

Lab File ID: BG064164.D Time Analyzed: 13:04

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	32960	7.856	151982	10.65	113011	14.48
	UPPER LIMIT	65920	8.356	303964	11.152	226022	14.983
	LOWER LIMIT	16480	7.356	75991	10.152	56505.5	13.983
	EPA SAMPLE NO.						
01	PB167376BL	26970	7.86	121929	10.65	95631	14.48
02	PB167376BS	27960	7.86	133904	10.65	104622	14.48
03	PB167376BSD	28993	7.86	132732	10.65	108026	14.49

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1666 SAS No.: Q1666 SDG NO.: Q1666

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/03/2025

Lab File ID: BG064164.D Time Analyzed: 13:04

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	257861	17.227	259274	21.457	274699	24.471
	UPPER LIMIT	515722	17.727	518548	21.957	549398	24.971
	LOWER LIMIT	128931	16.727	129637	20.957	137350	23.971
	EPA SAMPLE NO.						
01	PB167376BL	233012	17.22	243299	21.45	257357	24.47
02	PB167376BS	253744	17.22	248572	21.46	269225	24.47
03	PB167376BSD	247693	17.23	244859	21.46	265274	24.46

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: **BG064132.D**

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Report of Analysis

Client:	ENTACT	Date Collected:	03/25/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/27/25
Client Sample ID:	TW-WTS-05	SDG No.:	Q1666
Lab Sample ID:	Q1666-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064132.D	1	03/28/25 12:35	04/01/25 13:02	PB167376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.94	U	0.94	5.20	ug/L
106-46-7	1,4-Dichlorobenzene	0.55	U	0.55	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
SURROGATES						
367-12-4	2-Fluorophenol	54.9		15 (10) - 110 (139)	37%	SPK: 150
13127-88-3	Phenol-d6	32.1		15 (10) - 110 (134)	21%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		30 (49) - 130 (133)	104%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.5		30 (52) - 130 (132)	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	162		15 (44) - 110 (137)	108%	SPK: 150
1718-51-0	Terphenyl-d14	90.2		30 (48) - 130 (125)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	37400	7.861			
1146-65-2	Naphthalene-d8	151000	10.646			
15067-26-2	Acenaphthene-d10	101000	14.483			
1517-22-2	Phenanthrene-d10	220000	17.221			
1719-03-5	Chrysene-d12	243000	21.451			
1520-96-3	Perylene-d12	258000	24.465			

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: **BG064132.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064132.D
Acq On : 1 Apr 2025 13:02
Operator : RC/JU
Sample : Q1666-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

Quant Time: Apr 01 13:52:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

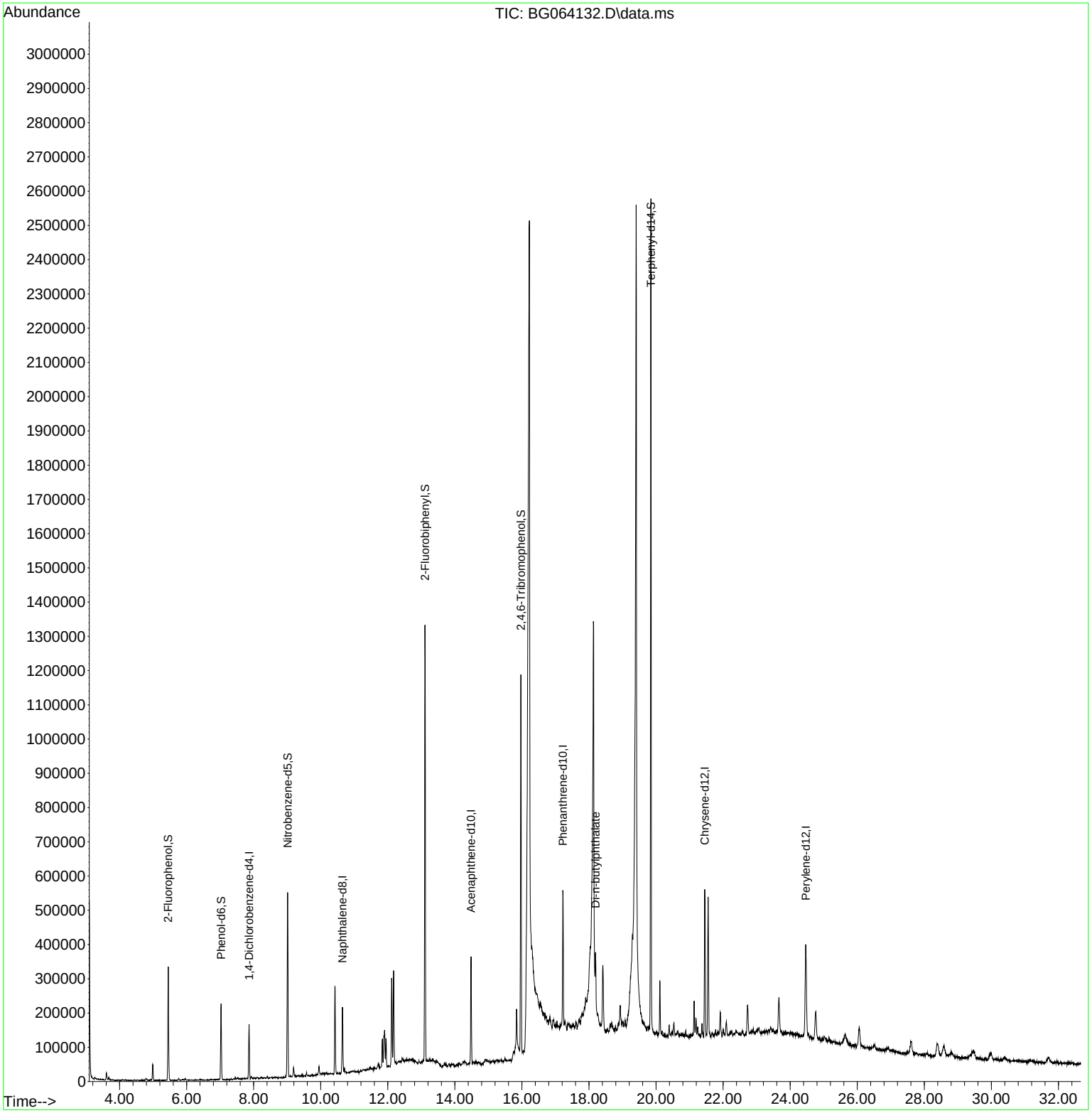
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	37361	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	150903	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	101090	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	219908	20.000	ng	0.00
76) Chrysene-d12	21.451	240	242527	20.000	ng	0.00
86) Perylene-d12	24.465	264	257901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	131388	54.912	ng	0.00
7) Phenol-d6	7.027	99	104380	32.067	ng	0.00
23) Nitrobenzene-d5	9.013	82	283068	103.662	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	181896	161.874	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	616378	92.550	ng	0.00
79) Terphenyl-d14	19.847	244	1081513	90.168	ng	0.00
Target Compounds						Qvalue
74) Di-n-butylphthalate	18.196	149	83429	6.509	ng	98

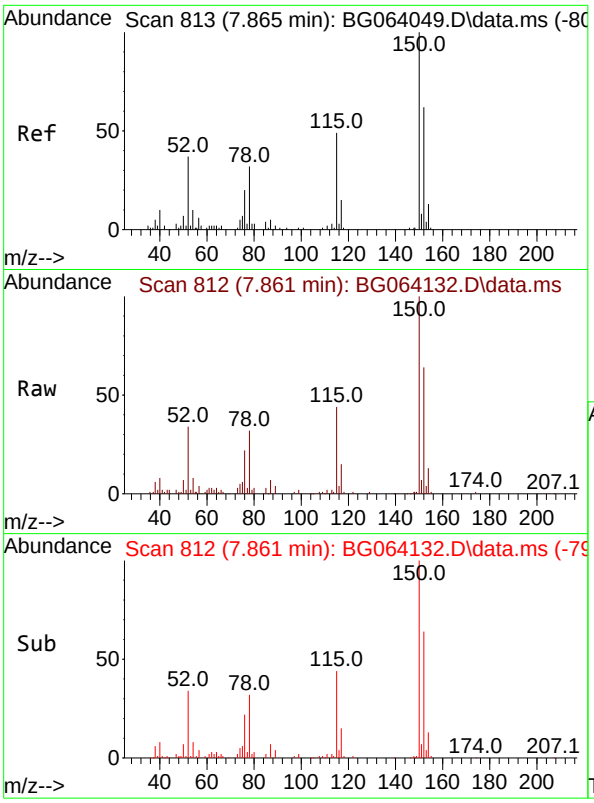
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064132.D
Acq On : 1 Apr 2025 13:02
Operator : RC/JU
Sample : Q1666-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

Quant Time: Apr 01 13:52:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



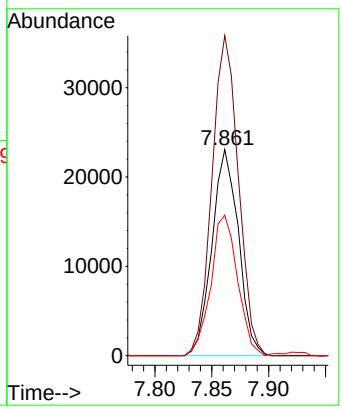


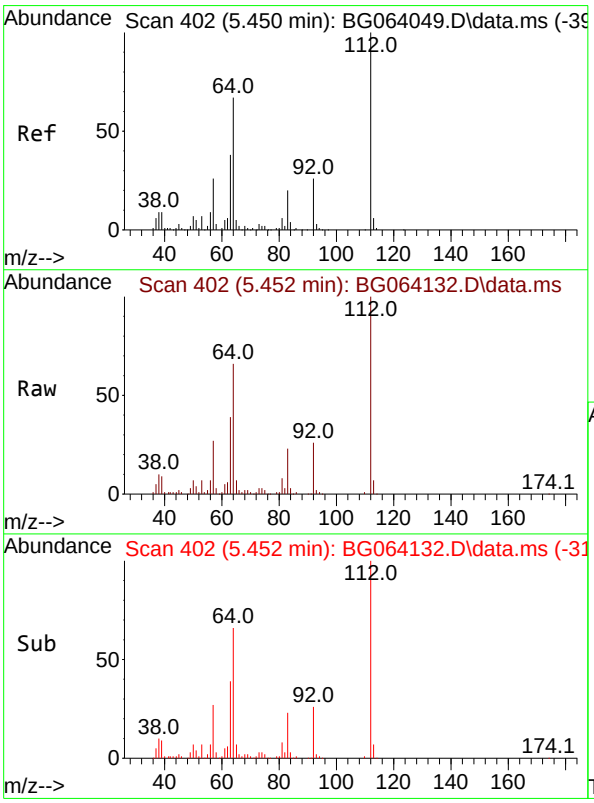
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

Tgt Ion:152 Resp: 37361

Ion	Ratio	Lower	Upper
152	100		
150	155.3	129.2	193.8
115	68.2	63.0	94.6

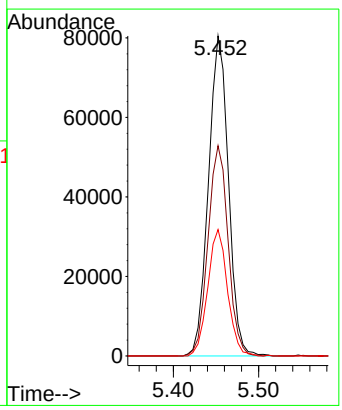


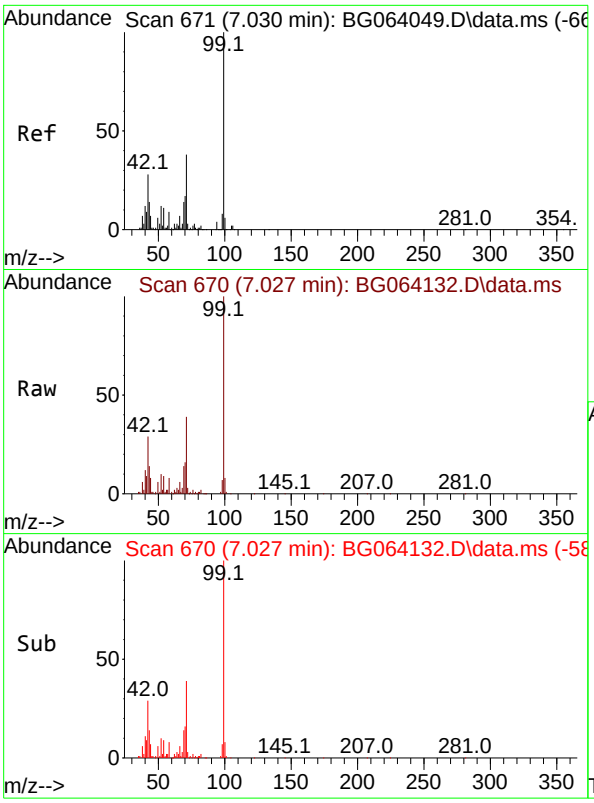


#5
2-Fluorophenol
Concen: 54.912 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Tgt Ion:112 Resp: 131388

Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.7	80.5
63	39.5	30.2	45.4



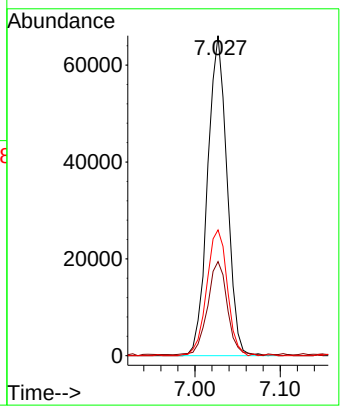


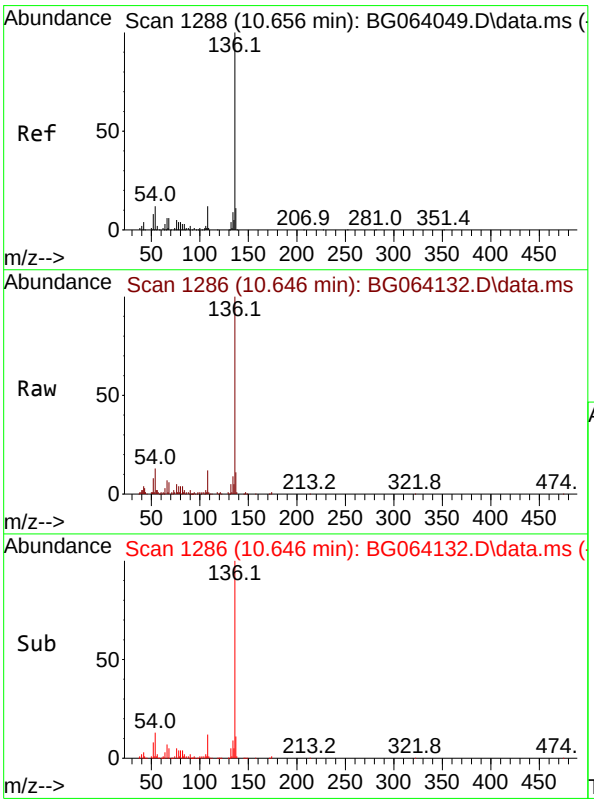
#7
Phenol-d6
Concen: 32.067 ng
RT: 7.027 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

Tgt Ion: 99 Resp: 104380

Ion	Ratio	Lower	Upper
99	100		
42	29.4	22.7	34.1
71	39.3	30.6	46.0

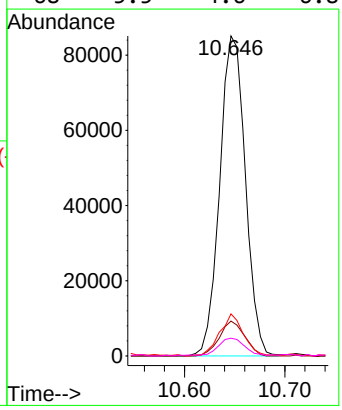


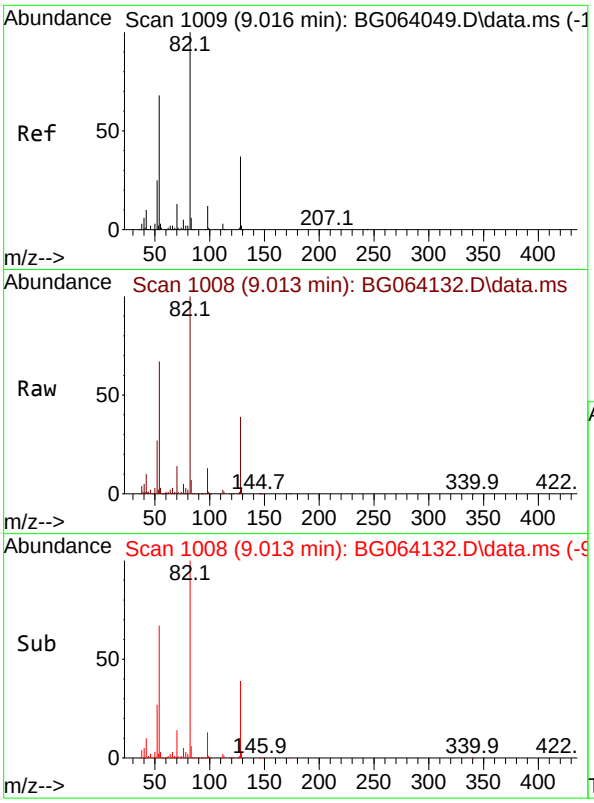


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.010 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Tgt Ion:136 Resp: 150903

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	13.1	9.9	14.9
68	5.5	4.6	6.8



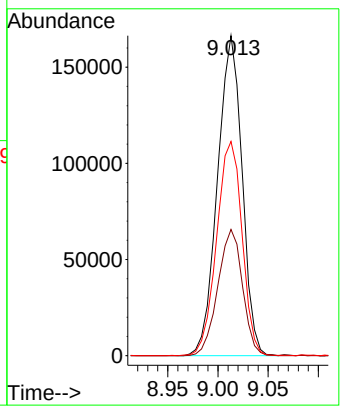


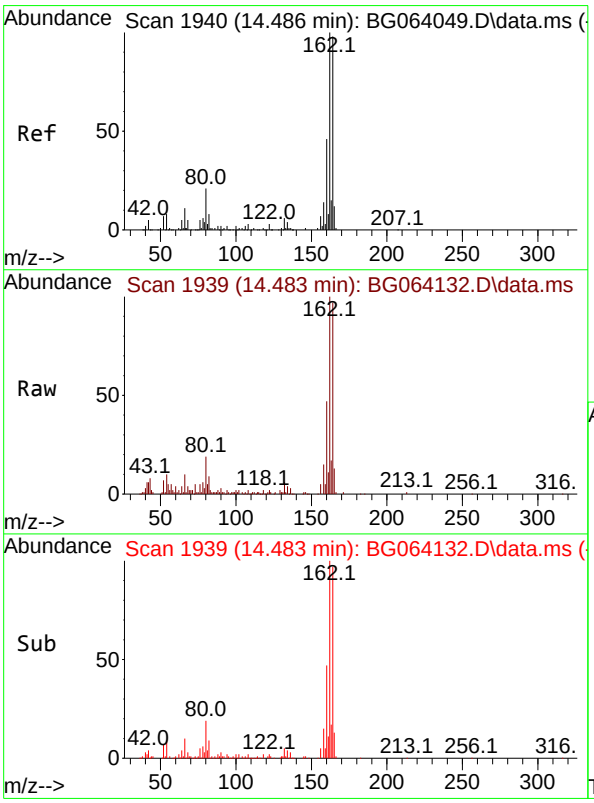
#23
Nitrobenzene-d5
Concen: 103.662 ng
RT: 9.013 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

Tgt Ion: 82 Resp: 283068

Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.0	45.0
54	67.0	54.7	82.1

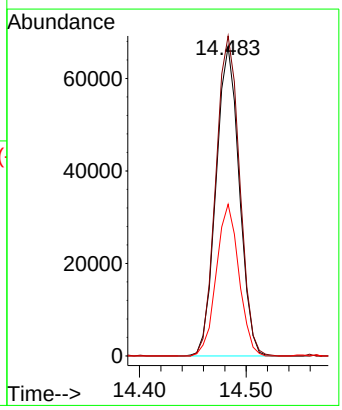


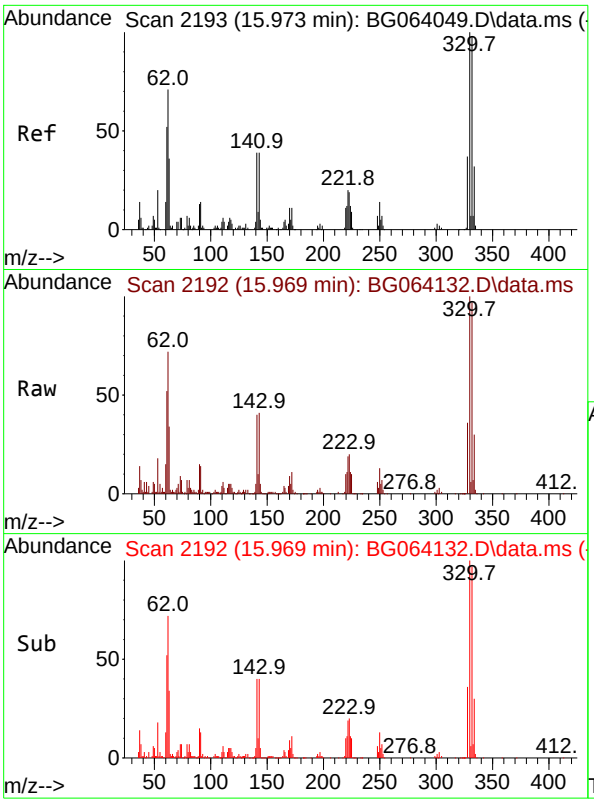


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Tgt Ion:164 Resp: 101090

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.4	122.0
160	49.0	37.0	55.6



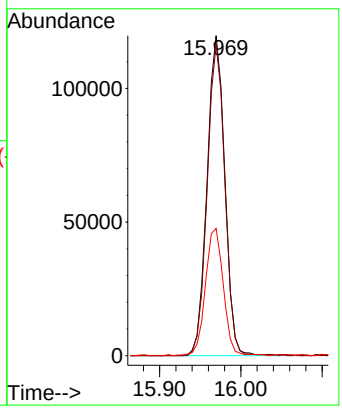


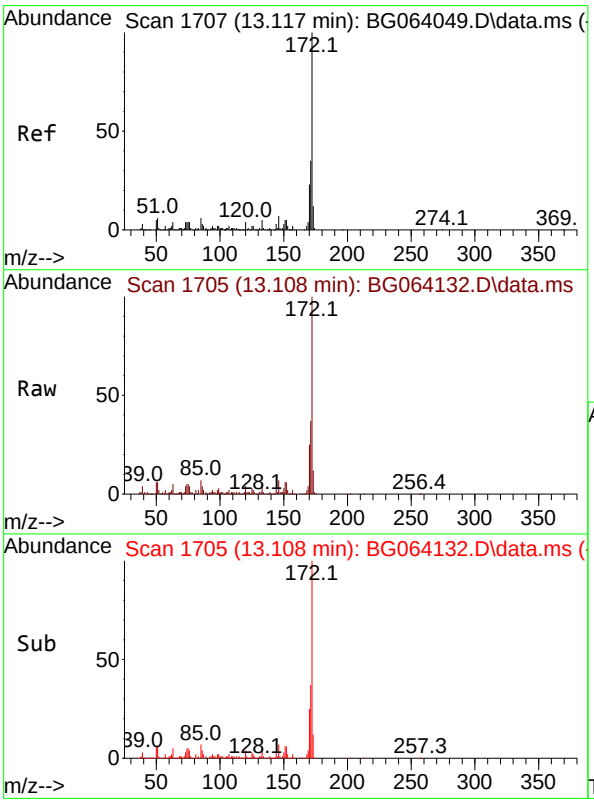
#42
2,4,6-Tribromophenol
Concen: 161.874 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

Tgt Ion:330 Resp: 181896

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.7	115.1
141	40.2	29.7	44.5

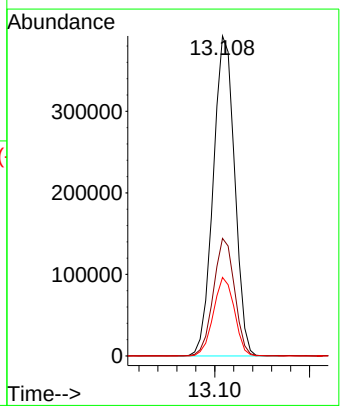


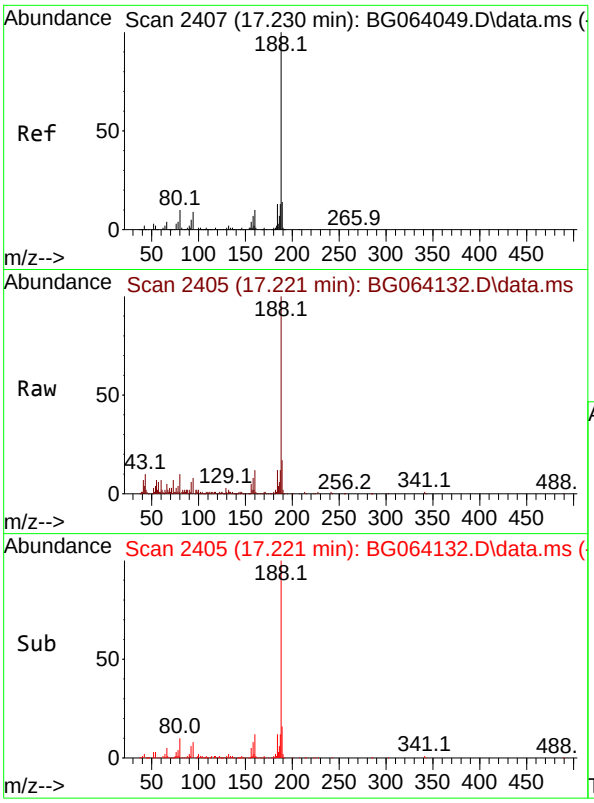


#45
2-Fluorobiphenyl
Concen: 92.550 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Tgt Ion:172 Resp: 616378

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.0	42.0
170	24.5	18.7	28.1



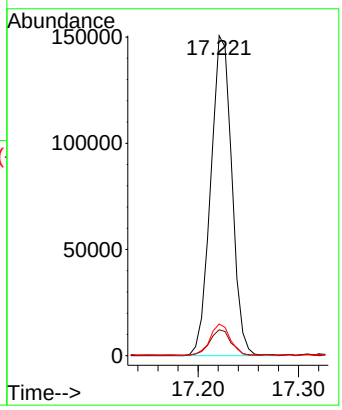


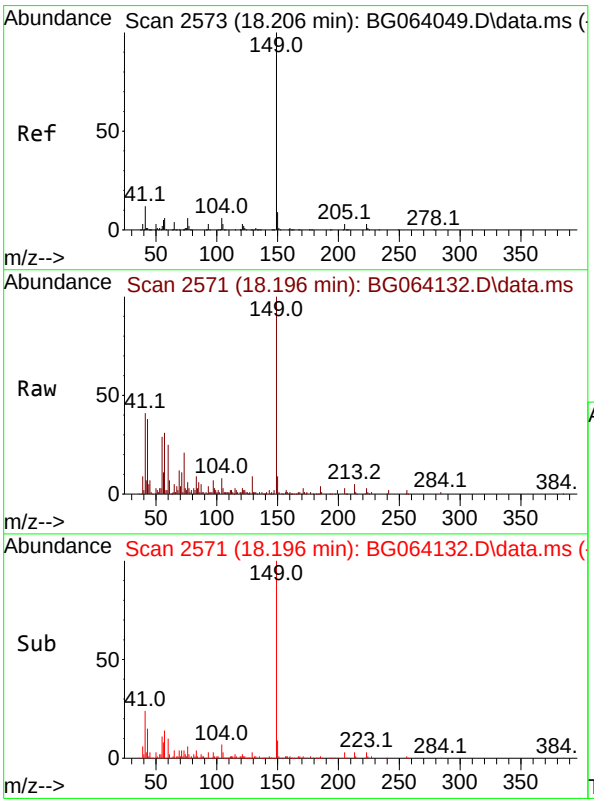
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

Tgt Ion:188 Resp: 219908

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.9	8.1	12.1

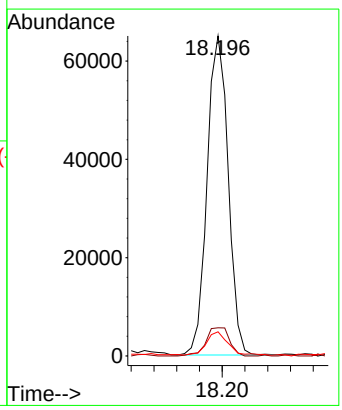


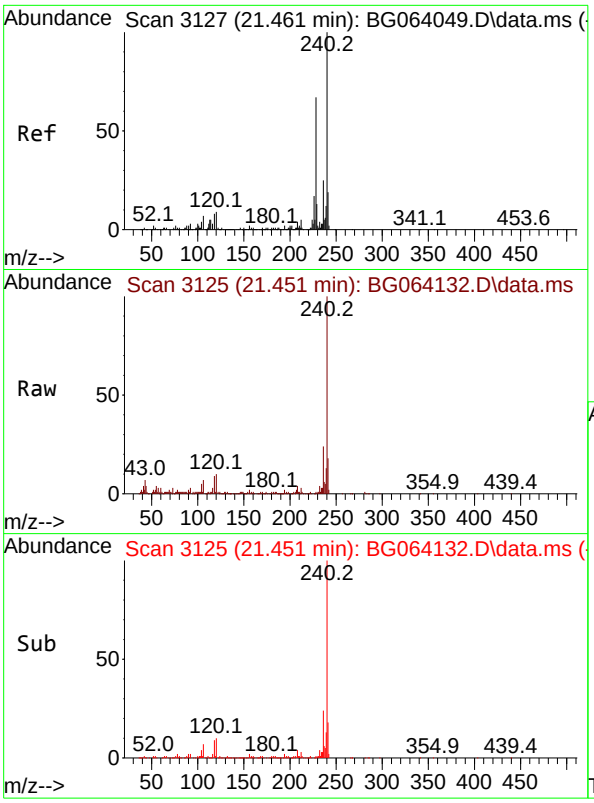


#74
Di-n-butylphthalate
Concen: 6.509 ng
RT: 18.196 min Scan# 2571
Delta R.T. -0.009 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Tgt Ion:149 Resp: 83429

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.0
104	7.6	5.0	7.6



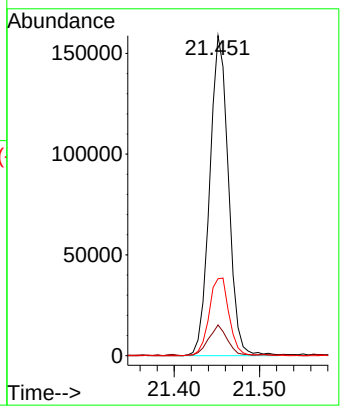


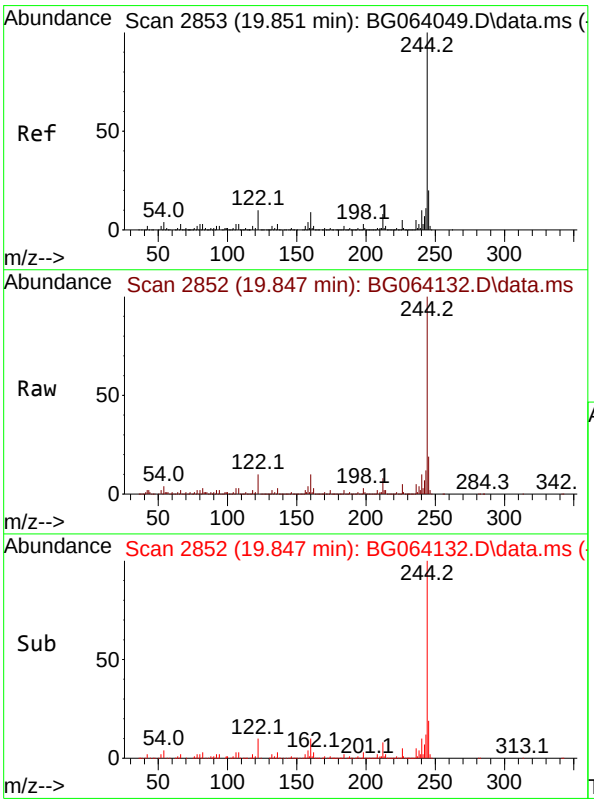
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

Tgt Ion:240 Resp: 242527

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.2	10.8
236	24.1	20.2	30.2

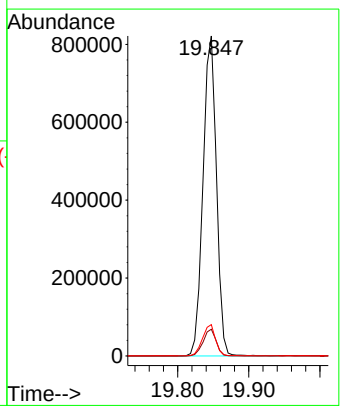


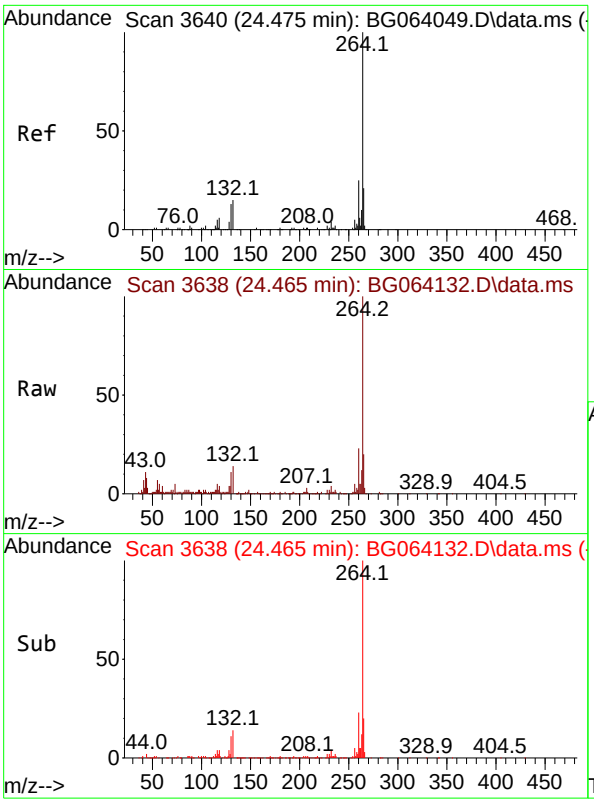


#79
Terphenyl-d14
Concen: 90.168 ng
RT: 19.847 min Scan# 2852
Delta R.T. -0.003 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Tgt Ion:244 Resp: 1081513

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.4
122	9.8	8.0	12.0



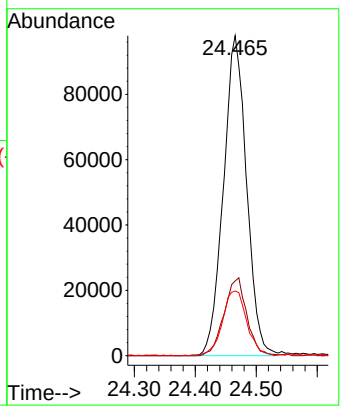


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064132.D
Acq: 1 Apr 2025 13:02

Instrument :
BNA_G
ClientSampleId :
TW-WTS-05

Tgt Ion:264 Resp: 257901

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	20.2	16.6	25.0



CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1666 SAS No.: Q1666 SDG No.: Q1666

Instrument ID: BNA_G Calibration Date(s): 03/05/2025 03/05/2025

Calibration Time(s): 09:02 13:44

LAB FILE ID: RRF2.5 = BG064045.D RRF005 = BG064046.D RRF010 = BG064047.D
RRF020 = BG064048.D RRF040 = BG064049.D RRF050 = BG064050.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.165	1.240	1.330	1.350	1.259	1.281	5.0
Phenol-d6		1.580	1.631	1.794	1.848	1.703	1.742	6.1
Phenol		1.590	1.693	1.826	1.881	1.752	1.784	6.3
1,4-Dichlorobenzene		1.548	1.546	1.607	1.592	1.478	1.548	2.7
Nitrobenzene-d5		0.290	0.300	0.360	0.385	0.390	0.362	13.3
1,2,4-Trichlorobenzene		0.323	0.317	0.343	0.332	0.336	0.331	2.5
Naphthalene		1.078	1.043	1.114	1.079	1.061	1.078	2.1
2-Fluorobiphenyl		1.369	1.310	1.359	1.368	1.283	1.318	3.6
2,4,6-Tribromophenol		0.166	0.191	0.226	0.241	0.241	0.222	14.1
Terphenyl-d14		1.011	1.024	1.062	0.999	0.944	0.989	4.9

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG030525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 05 15:39:19 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064045.D 5 =BG064046.D 10 =BG064047.D 20 =BG064048.D 40 =BG064049.D 50 =BG064050.D 60 =BG064051.D 80 =BG0640
52.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.598	0.605	0.624	0.585	0.559	0.539	0.554	0.580	5.31
3)		Pyridine		1.450	1.445	1.452	1.573	1.338	1.376	1.248	1.412	7.30
4)		n-Nitrosodimet...		0.892	0.976	1.017	1.064	0.996	1.047	1.068	1.009	6.16
5)	S	2-Fluorophenol		1.165	1.240	1.330	1.350	1.259	1.318	1.304	1.281	5.00
6)		Aniline		1.593	1.670	1.825	1.820	1.642	1.748	1.671	1.710	5.24
7)	S	Phenol-d6		1.580	1.631	1.794	1.848	1.703	1.839	1.803	1.742	6.09
8)		2-Chlorophenol		1.262	1.337	1.412	1.446	1.333	1.420	1.420	1.376	4.80
9)		Benzaldehyde		1.111	1.122	1.133	1.003	0.860	0.850		1.013	12.94
10)	C	Phenol		1.590	1.693	1.826	1.881	1.752	1.900	1.846	1.784	6.30
11)		bis(2-Chloroet...		1.375	1.444	1.424	1.415	1.322	1.418	1.394	1.399	2.88
12)		1,3-Dichlorobe...		1.523	1.539	1.501	1.546	1.438	1.519	1.508	1.511	2.36
13)	C	1,4-Dichlorobe...		1.548	1.546	1.607	1.592	1.478	1.536	1.532	1.548	2.72
14)		1,2-Dichlorobe...		1.488	1.464	1.543	1.519	1.416	1.525	1.497	1.493	2.88
15)		Benzyl Alcohol		1.115	1.249	1.343	1.436	1.358	1.467	1.457	1.346	9.50
16)		2,2'-oxybis(1-...		3.064	3.024	3.209	3.282	2.996	3.218	3.222	3.145	3.61
17)		2-Methylphenol		1.015	1.116	1.177	1.268	1.171	1.269	1.271	1.184	8.11
18)		Hexachloroethane		0.489	0.519	0.520	0.577	0.526	0.581	0.580	0.542	6.88
19)	P	n-Nitroso-di-n...	1.146	1.095	1.157	1.282	1.323	1.189	1.322	1.268	1.223	7.13
20)		3+4-Methylphenols		1.402	1.518	1.638	1.706	1.612	1.804	1.729	1.630	8.34
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.522	0.525	0.580	0.563	0.546	0.561	0.543	0.548	3.82
23)	S	Nitrobenzene-d5		0.290	0.300	0.360	0.385	0.390	0.400	0.409	0.362	13.32
24)		Nitrobenzene		0.298	0.320	0.390	0.397	0.396	0.409	0.409	0.374	12.20
25)		Isophorone		0.709	0.672	0.744	0.745	0.717	0.757	0.727	0.724	3.93
26)	C	2-Nitrophenol		0.067	0.079	0.096	0.122	0.130	0.141	0.147	0.112	28.03
27)		2,4-Dimethylph...		0.194	0.187	0.221	0.228	0.221	0.239	0.229	0.217	8.82
28)		bis(2-Chloroet...		0.424	0.417	0.468	0.443	0.427	0.449	0.445	0.439	4.03
29)	C	2,4-Dichloroph...		0.222	0.239	0.281	0.287	0.290	0.301	0.298	0.274	11.22
30)		1,2,4-Trichlor...		0.323	0.317	0.343	0.332	0.336	0.335	0.332	0.331	2.54
31)		Naphthalene		1.078	1.043	1.114	1.079	1.061	1.097	1.077	1.078	2.13
32)		Benzoic acid			0.078	0.139	0.172	0.191	0.217	0.220	0.170	31.75
33)		4-Chloroaniline		0.355	0.364	0.407	0.416	0.394	0.419	0.404	0.394	6.46
34)	C	Hexachlorobuta...		0.208	0.213	0.225	0.219	0.216	0.220	0.218	0.217	2.55
35)		Caprolactam		0.086	0.091	0.112	0.110	0.113	0.112	0.111	0.105	10.78
36)	C	4-Chloro-3-met...		0.293	0.330	0.379	0.373	0.373	0.390	0.376	0.359	9.67
37)		2-Methylnaphth...		0.775	0.727	0.788	0.763	0.746	0.779	0.751	0.761	2.80
38)		1-Methylnaphth...		0.745	0.728	0.771	0.753	0.724	0.768	0.733	0.746	2.53

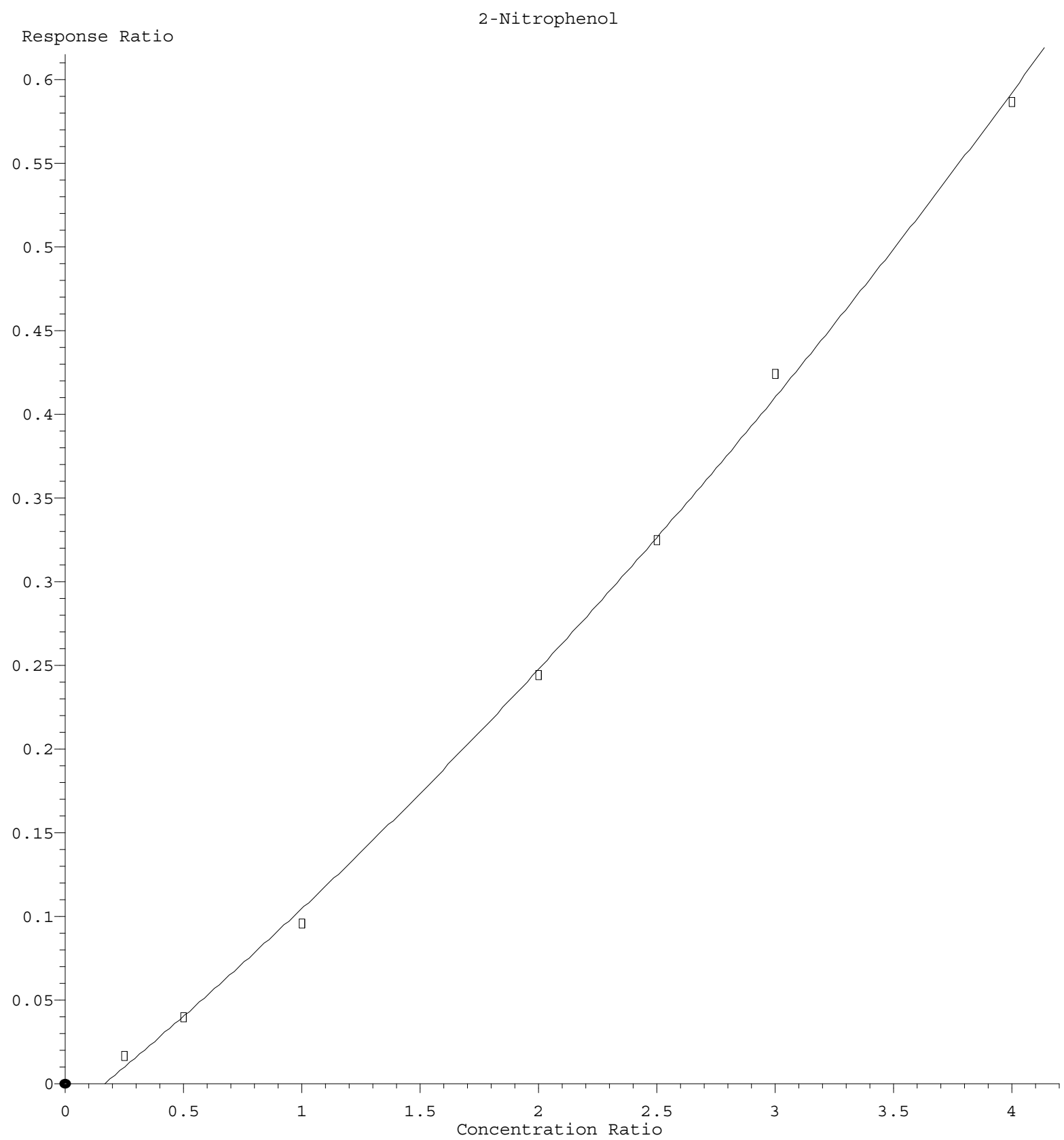
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG030525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.547	0.584	0.592	0.586	0.560	0.562	0.566	0.571	2.88
41)	P	Hexachlorocycl...	0.123	0.128	0.161	0.175	0.175	0.180	0.183	0.161	15.44
42)	S	2,4,6-Tribromo...	0.166	0.191	0.226	0.241	0.241	0.250	0.241	0.222	14.12
43)	C	2,4,6-Trichlor...	0.268	0.293	0.341	0.358	0.362	0.368	0.366	0.337	11.89
44)		2,4,5-Trichlor...	0.284	0.330	0.381	0.406	0.396	0.407	0.413	0.374	12.98
45)	S	2-Fluorobiphenyl	1.369	1.310	1.359	1.368	1.283	1.284	1.251	1.318	3.62
46)		1,1'-Biphenyl	1.506	1.499	1.572	1.538	1.475	1.512	1.475	1.511	2.29
47)		2-Chloronaphth...	1.086	1.075	1.100	1.127	1.102	1.121	1.103	1.102	1.63
48)		2-Nitroaniline	0.197	0.231	0.277	0.348	0.368	0.396	0.408	0.318	26.14
49)		Acenaphthylene	1.714	1.677	1.793	1.789	1.735	1.777	1.717	1.743	2.53
50)		Dimethylphthalate	1.432	1.401	1.559	1.520	1.463	1.508	1.452	1.476	3.73
51)		2,6-Dinitrotol...	0.158	0.200	0.262	0.292	0.300	0.307	0.308	0.261	22.73
52)	C	Acenaphthene	1.165	1.148	1.231	1.187	1.159	1.171	1.128	1.170	2.77
53)		3-Nitroaniline	0.190	0.228	0.298	0.316	0.313	0.329	0.323	0.285	18.96
54)	P	2,4-Dinitrophenol		0.066	0.084	0.100	0.111	0.121	0.129	0.102	23.25
55)		Dibenzofuran	1.926	1.881	1.976	1.941	1.853	1.864	1.826	1.895	2.84
56)	P	4-Nitrophenol		0.164	0.200	0.257	0.280	0.270	0.265	0.239	19.47
57)		2,4-Dinitrotol...	0.225	0.255	0.344	0.404	0.418	0.426	0.424	0.357	23.78
58)		Fluorene	1.555	1.450	1.542	1.478	1.452	1.460	1.395	1.476	3.79
59)		2,3,4,6-Tetrac...	0.262	0.326	0.388	0.395	0.385	0.402	0.393	0.365	14.21
60)		Diethylphthalate	1.496	1.501	1.709	1.669	1.624	1.637	1.584	1.603	5.06
61)		4-Chlorophenyl...	0.754	0.744	0.788	0.735	0.712	0.721	0.681	0.733	4.61
62)		4-Nitroaniline	0.213	0.263	0.313	0.345	0.351	0.339	0.333	0.308	16.67
63)		Azobenzene	1.734	1.645	1.785	1.758	1.700	1.705	1.644	1.710	3.13
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.050	0.059	0.075	0.082	0.092	0.096	0.076	24.31
66)	c	n-Nitrosodiphe...	0.558	0.551	0.582	0.578	0.558	0.571	0.565	0.566	2.06
67)		4-Bromophenyl-...	0.186	0.195	0.212	0.210	0.200	0.217	0.213	0.205	5.61
68)		Hexachlorobenzene	0.227	0.226	0.236	0.229	0.228	0.229	0.230	0.229	1.45
69)		Atrazine	0.175	0.190	0.179	0.160	0.129			0.167	14.34
70)	C	Pentachlorophenol		0.105	0.128	0.149	0.151	0.159	0.163	0.142	15.58
71)		Phenanthrene	1.084	1.034	1.110	1.080	1.054	1.059	1.047	1.067	2.44
72)		Anthracene	1.024	1.041	1.104	1.085	1.055	1.065	1.051	1.061	2.55
73)		Carbazole	0.949	0.988	1.020	1.027	1.007	0.986	0.956	0.990	3.02
74)		Di-n-butylphth...	0.932	1.095	1.213	1.257	1.236	1.219	1.208	1.166	9.90
75)	C	Fluoranthene	1.272	1.315	1.336	1.318	1.298	1.243	1.221	1.286	3.31
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.221	0.400	0.238	0.313	0.195	0.299	0.271	0.277	24.80
78)		Pyrene	1.251	1.287	1.350	1.310	1.254	1.290	1.282	1.289	2.63
79)	S	Terphenyl-d14	1.011	1.024	1.062	0.999	0.944	0.957	0.927	0.989	4.88
80)		Butylbenzylpht...	0.285	0.331	0.405	0.465	0.473	0.503	0.502	0.423	20.44
81)		Benzo(a)anthra...	1.217	1.268	1.310	1.303	1.275	1.309	1.286	1.281	2.54
82)		3,3'-Dichlorob...	0.350	0.396	0.444	0.450	0.416	0.436	0.411	0.415	8.27
83)		Chrysene	1.281	1.233	1.308	1.306	1.263	1.301	1.252	1.278	2.29
84)		Bis(2-ethylhex...	0.504	0.582	0.685	0.757	0.751	0.789	0.782	0.693	15.90
85)	c	Di-n-octyl pht...		0.892	1.108	1.239	1.256	1.339	1.338	1.195	14.31

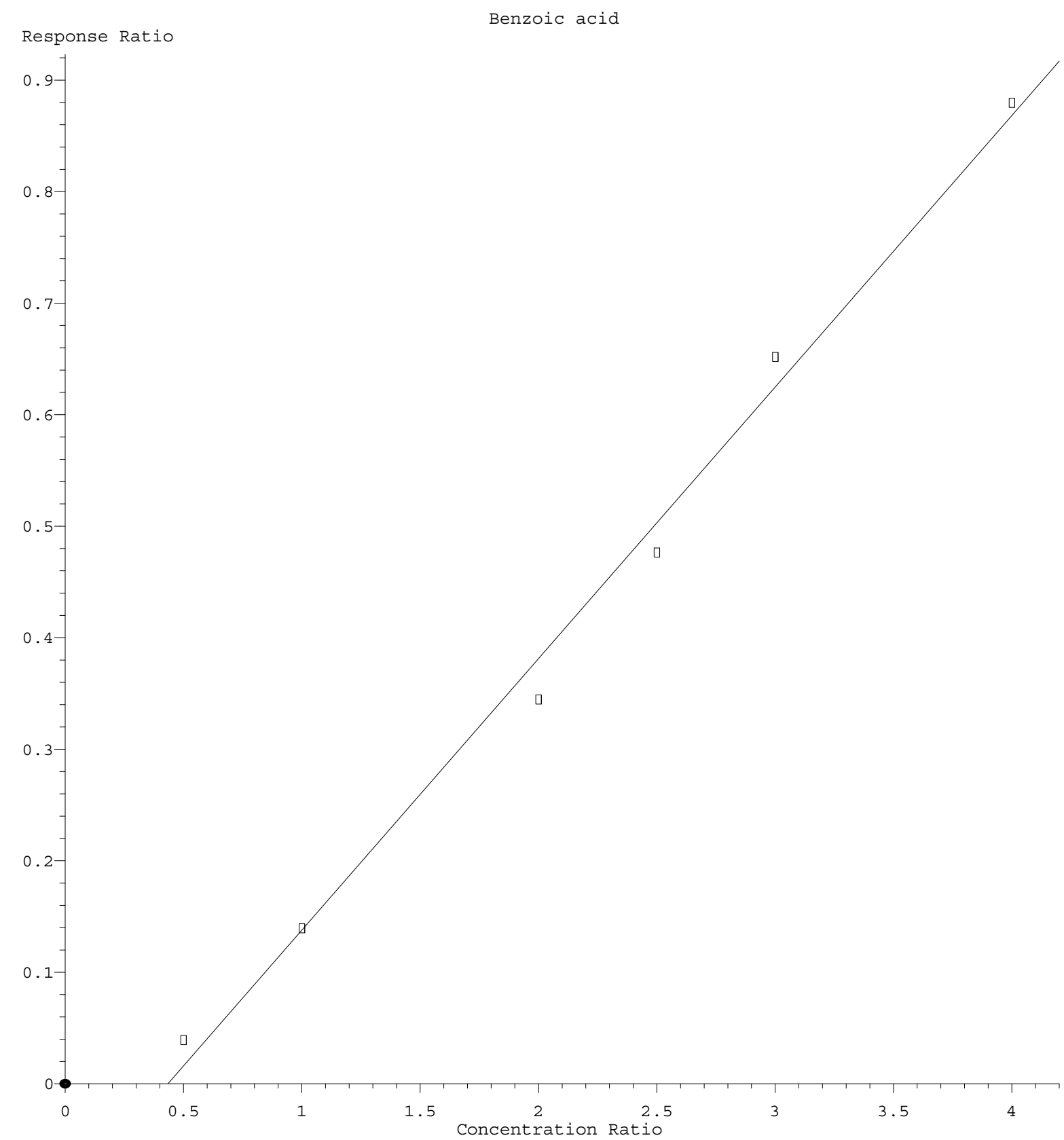
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG030525.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.223	1.232	1.408	1.376	1.354	1.381	1.394	1.338	5.80
88)		Benzo(b)fluora...	1.150	1.146	1.269	1.216	1.232	1.215	1.236	1.209	3.76
89)		Benzo(k)fluora...	1.111	1.189	1.281	1.255	1.205	1.234	1.215	1.213	4.49
90)	C	Benzo(a)pyrene	0.993	1.022	1.124	1.107	1.106	1.092	1.093	1.077	4.57
91)		Dibenzo(a,h)an...	1.029	1.036	1.151	1.133	1.134	1.123	1.160	1.109	4.86
92)		Benzo(g,h,i)pe...	1.049	1.093	1.208	1.152	1.146	1.155	1.168	1.139	4.58

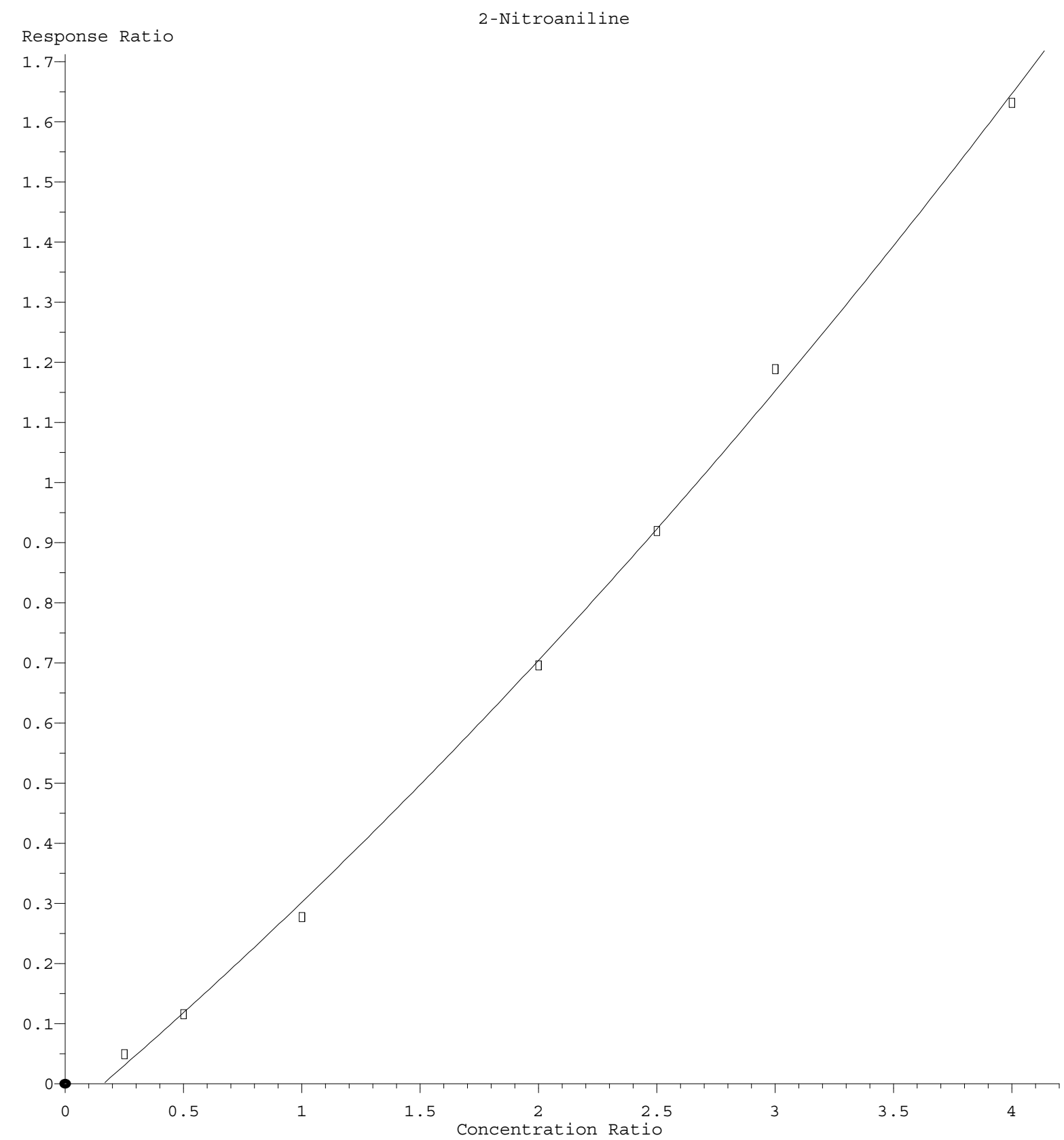
(#) = Out of Range



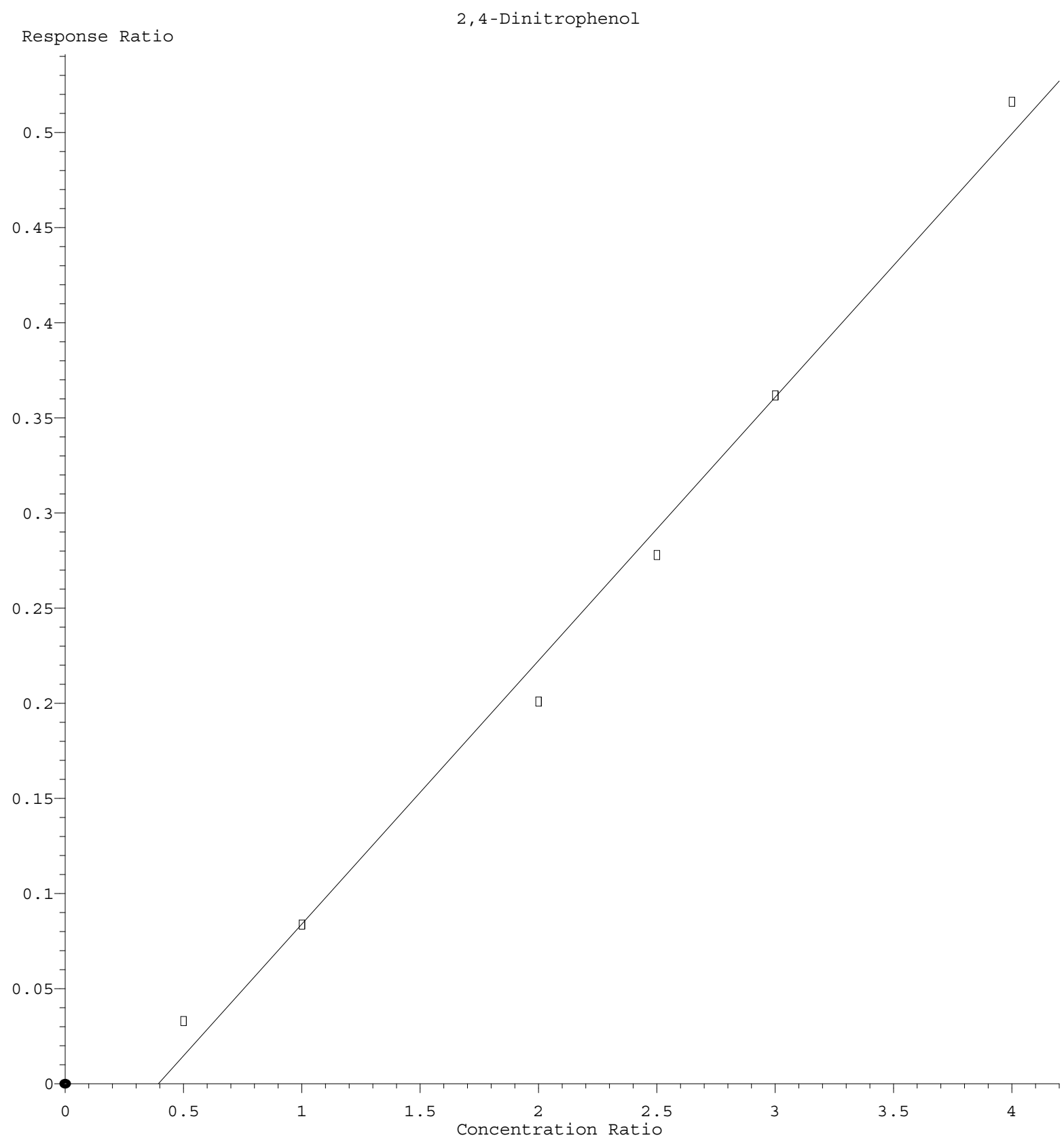
R = 9.766e-003 A*A + 1.137e-001 A - 1.893e-002
Coef of Det (r^2) = 0.998666 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



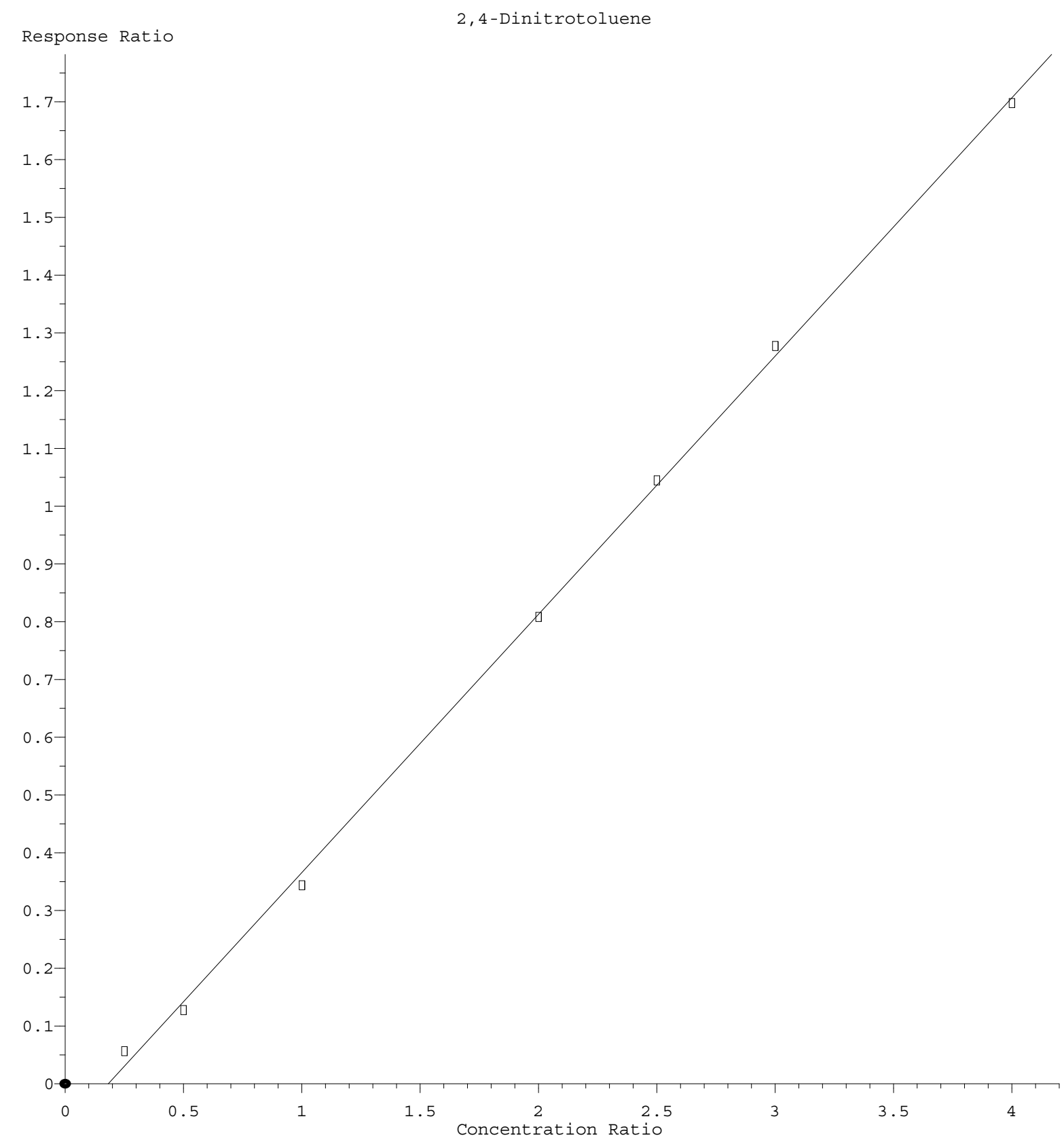
Response = 2.435e-001 * Amt - 1.058e-001
Coef of Det (r^2) = 0.993062 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



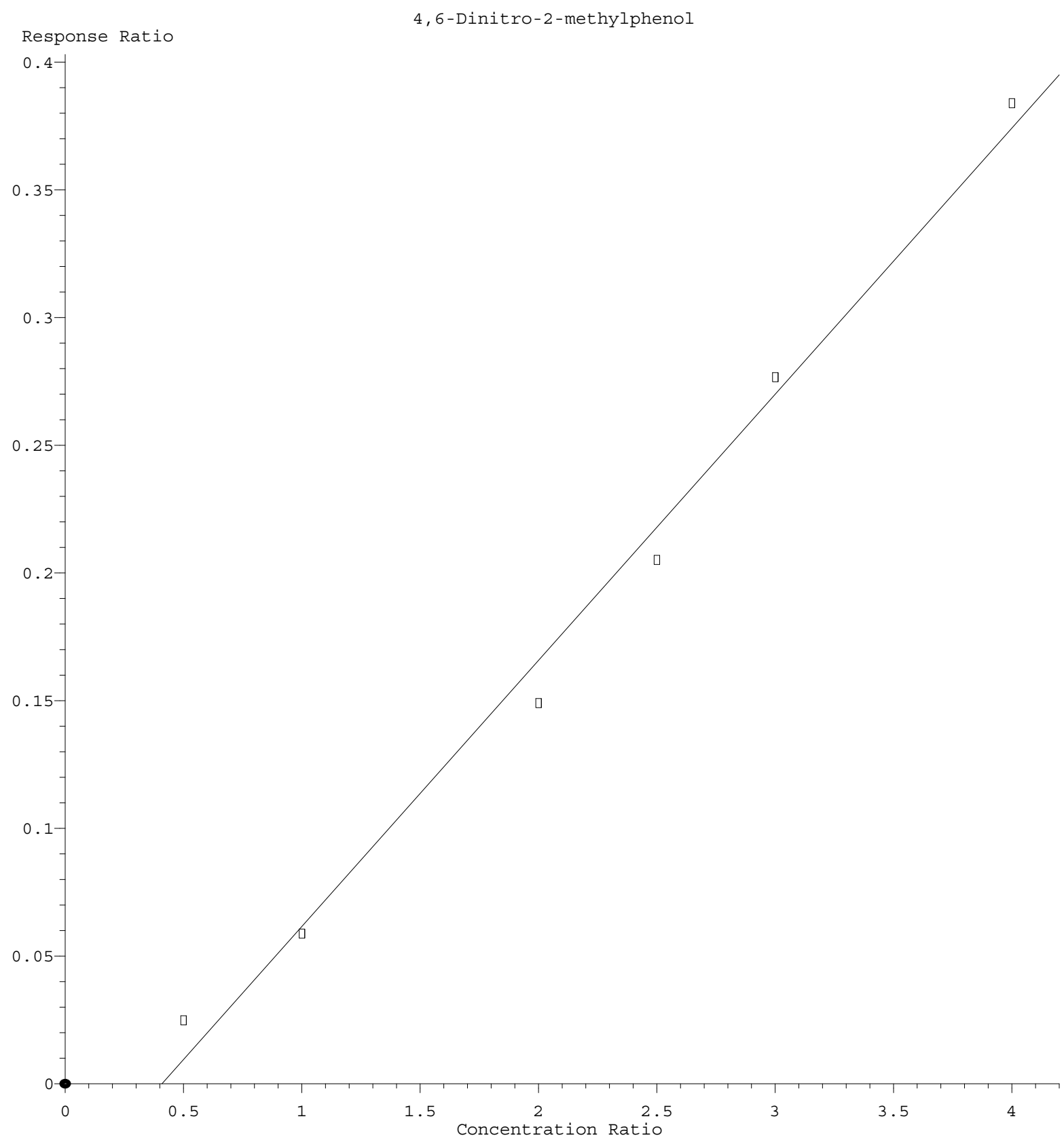
R = 2.299e-002 A*A + 3.333e-001 A - 5.414e-002
Coef of Det (r^2) = 0.998770 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



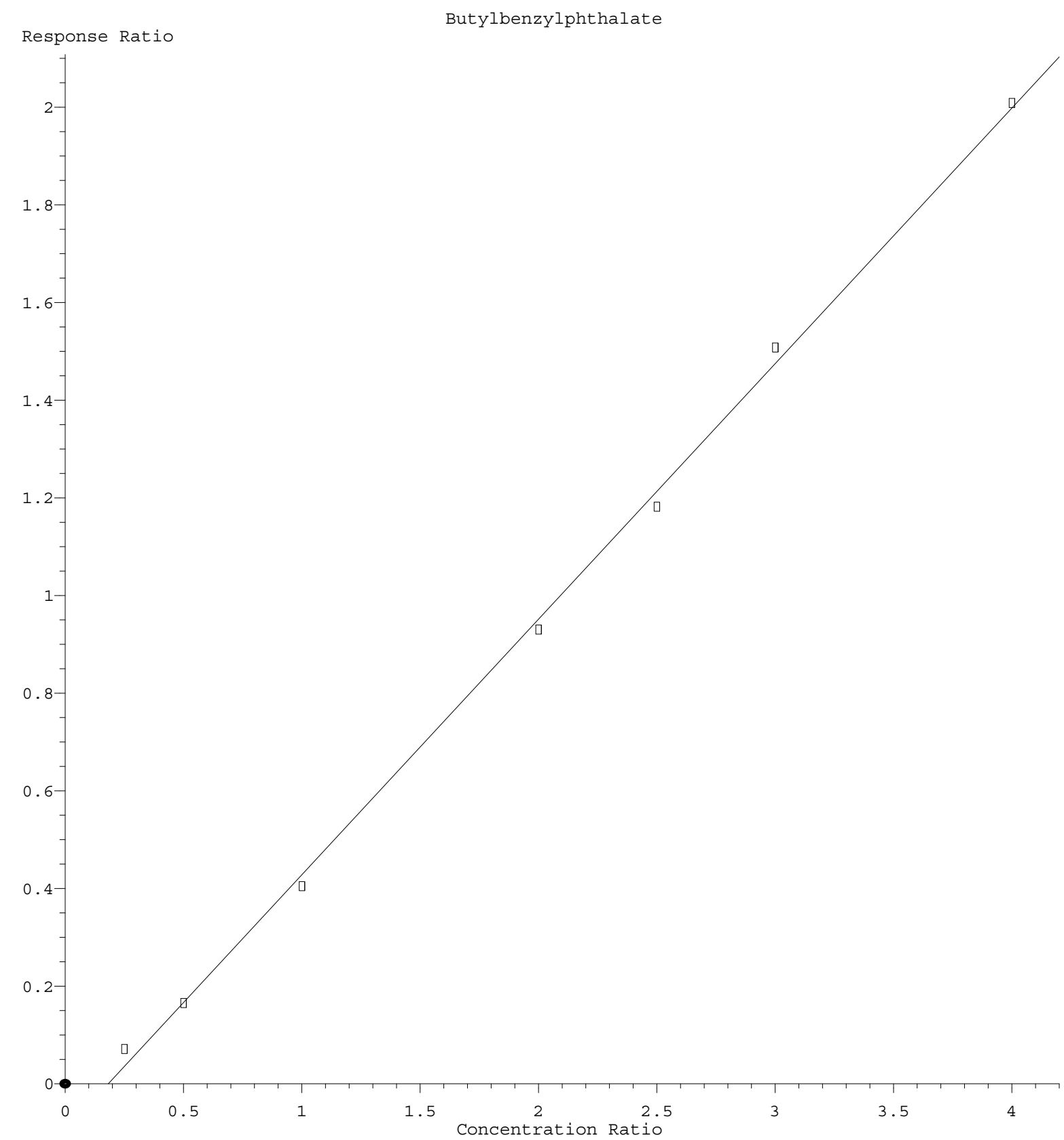
Response = 1.385e-001 * Amt - 5.459e-002
Coef of Det (r^2) = 0.992124 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



Response = 4.472e-001 * Amt - 8.152e-002
Coef of Det (r^2) = 0.999194 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



Response = 1.041e-001 * Amt - 4.259e-002
Coef of Det (r^2) = 0.990937 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025



Response = 5.234e-001 * Amt - 9.520e-002
Coef of Det (r^2) = 0.998592 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG030525.M
Calibration Table Last Updated: Wed Mar 05 15:39:19 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064045.D
Acq On : 5 Mar 2025 9:02
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 05 15:19:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	29138	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	131138	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	97001	20.000	ng	0.00
64) Phenanthrene-d10	17.229	188	240464	20.000	ng	0.00
76) Chrysene-d12	21.454	240	249925	20.000	ng	0.00
86) Perylene-d12	24.474	264	262700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.663	70	4175	2.343	ng	# 90

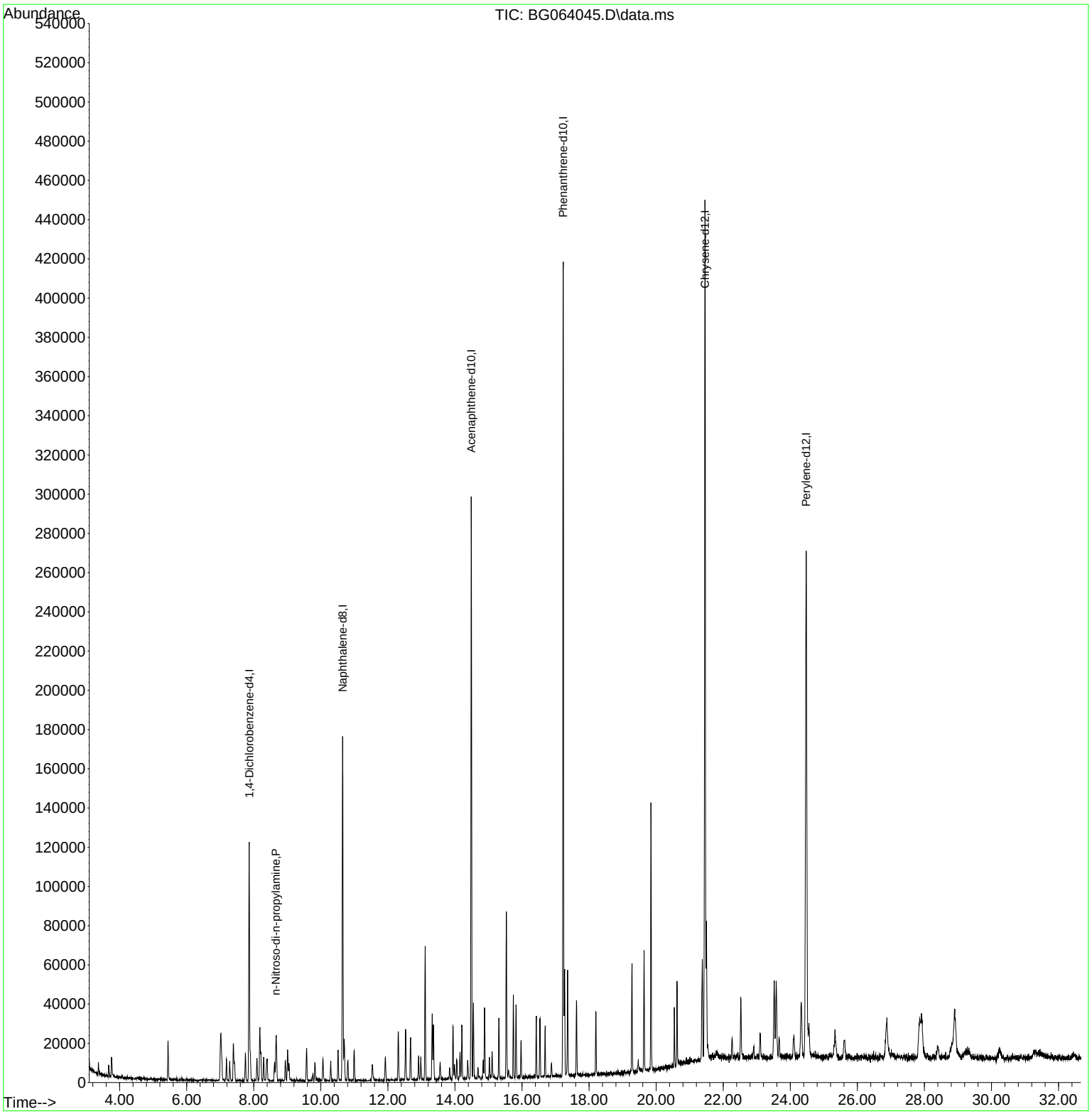
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064045.D
Acq On : 5 Mar 2025 9:02
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 05 15:19:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064046.D
Acq On : 5 Mar 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:20:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	33357	20.000	ng		0.00
21) Naphthalene-d8	10.650	136	142015	20.000	ng		0.00
39) Acenaphthene-d10	14.487	164	99722	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	234862	20.000	ng		0.00
76) Chrysene-d12	21.455	240	251570	20.000	ng		0.00
86) Perylene-d12	24.469	264	257404	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.450	112	19435	9.098	ng		0.00
7) Phenol-d6	7.025	99	26345	9.065	ng		0.00
23) Nitrobenzene-d5	9.011	82	20601	8.016	ng		0.00
42) 2,4,6-Tribromophenol	15.967	330	8299	7.487	ng		0.00
45) 2-Fluorobiphenyl	13.112	172	68235	10.386	ng		0.00
79) Terphenyl-d14	19.845	244	127223	10.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	4983	5.147	ng		88
3) Pyridine	3.764	79	12091	5.135	ng		90
4) n-Nitrosodimethylamine	3.676	42	7436	4.420	ng	#	86
6) Aniline	7.189	93	13285	4.659	ng	#	90
8) 2-Chlorophenol	7.424	128	10525	4.587	ng		93
9) Benzaldehyde	7.007	77	9269	5.456	ng		91
10) Phenol	7.048	94	13256	4.455	ng		95
11) bis(2-Chloroethyl)ether	7.289	93	11465	4.915	ng		92
12) 1,3-Dichlorobenzene	7.753	146	12701	5.041	ng		99
13) 1,4-Dichlorobenzene	7.894	146	12909m	4.999	ng		
14) 1,2-Dichlorobenzene	8.218	146	12410m	4.983	ng		
15) Benzyl Alcohol	8.094	79	9299	4.141	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.400	45	25555	4.872	ng		94
17) 2-Methylphenol	8.300	107	8465	4.287	ng		88
18) Hexachloroethane	8.946	117	4075	4.510	ng		85
19) n-Nitroso-di-n-propyla...	8.664	70	9131	4.477	ng	#	96
20) 3+4-Methylphenols	8.623	107	11690	4.300	ng		95
22) Acetophenone	8.676	105	18540	4.761	ng		95
24) Nitrobenzene	9.052	77	10563	3.977	ng	#	91
25) Isophorone	9.575	82	25179	4.895	ng		98
26) 2-Nitrophenol	9.769	139	2362	6.094	ng		88
27) 2,4-Dimethylphenol	9.822	122	6887	4.466	ng	#	88
28) bis(2-Chloroethoxy)met...	10.062	93	15067	4.832	ng		95
29) 2,4-Dichlorophenol	10.297	162	7898	4.056	ng		96
30) 1,2,4-Trichlorobenzene	10.515	180	11480	4.884	ng		93
31) Naphthalene	10.703	128	38285	4.999	ng		99
33) 4-Chloroaniline	10.809	127	12591	4.499	ng		95
34) Hexachlorobutadiene	10.997	225	7373	4.786	ng	#	91
35) Caprolactam	11.537	113	3052	4.090	ng	#	89
36) 4-Chloro-3-methylphenol	11.925	107	10408	4.078	ng		92
37) 2-Methylnaphthalene	12.313	142	27533	5.093	ng		99
38) 1-Methylnaphthalene	12.530	142	26458	4.995	ng		97
40) 1,2,4,5-Tetrachloroben...	12.677	216	13634	4.789	ng		94
41) Hexachlorocyclopentadiene	12.665	237	3078	3.841	ng		97
43) 2,4,6-Trichlorophenol	12.912	196	6684m	3.983	ng		
44) 2,4,5-Trichlorophenol	12.983	196	7092	3.804	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064046.D
Acq On : 5 Mar 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:20:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.323	154	37550	4.984	ng		98
47) 2-Chloronaphthalene	13.359	162	27076	4.928	ng		95
48) 2-Nitroaniline	13.552	65	4908	6.075	ng		84
49) Acenaphthylene	14.205	152	42736	4.917	ng		96
50) Dimethylphthalate	13.940	163	35694	4.849	ng		99
51) 2,6-Dinitrotoluene	14.058	165	3942	5.812	ng	#	81
52) Acenaphthene	14.551	154	29044m	4.969	ng		
53) 3-Nitroaniline	14.387	138	4736	3.329	ng	#	84
55) Dibenzofuran	14.880	168	48004	5.080	ng		96
57) 2,4-Dinitrotoluene	14.839	165	5618	6.165	ng	#	95
58) Fluorene	15.532	166	38777	5.269	ng		90
59) 2,3,4,6-Tetrachlorophenol	15.109	232	6538	3.597	ng	#	94
60) Diethylphthalate	15.309	149	37289	4.666	ng		98
61) 4-Chlorophenyl-phenyle...	15.532	204	18807	5.142	ng		89
62) 4-Nitroaniline	15.538	138	5314	3.460	ng		93
63) Azobenzene	15.820	77	43236	5.070	ng		96
66) n-Nitrosodiphenylamine	15.744	169	32754	4.927	ng		96
67) 4-Bromophenyl-phenylether	16.426	248	10898	4.531	ng		93
68) Hexachlorobenzene	16.531	284	13351	4.958	ng		99
69) Atrazine	16.690	200	10297	5.264	ng		89
71) Phenanthrene	17.266	178	63629	5.079	ng		98
72) Anthracene	17.354	178	60108	4.825	ng		98
73) Carbazole	17.624	167	55726	4.792	ng		99
74) Di-n-butylphthalate	18.200	149	54700	3.996	ng	#	95
75) Fluoranthene	19.275	202	74694	4.946	ng		99
77) Benzidine	19.463	184	13919m	3.941	ng		
78) Pyrene	19.639	202	78707	4.853	ng		98
80) Butylbenzylphthalate	20.538	149	17899	6.356	ng		96
81) Benzo(a)anthracene	21.437	228	76566	4.751	ng		98
82) 3,3'-Dichlorobenzidine	21.361	252	22038	4.226	ng		89
83) Chrysene	21.502	228	80580	5.014	ng		98
84) Bis(2-ethylhexyl)phtha...	21.379	149	31674	3.634	ng		94
87) Indeno(1,2,3-cd)pyrene	27.865	276	78681	4.569	ng	#	94
88) Benzo(b)fluoranthene	23.523	252	74031	4.757	ng		99
89) Benzo(k)fluoranthene	23.588	252	71522	4.582	ng		98
90) Benzo(a)pyrene	24.322	252	63881	4.610	ng	#	96
91) Dibenzo(a,h)anthracene	27.912	278	66224	4.638	ng		98
92) Benzo(g,h,i)perylene	28.905	276	67535	4.607	ng	#	93

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

ICAL Form

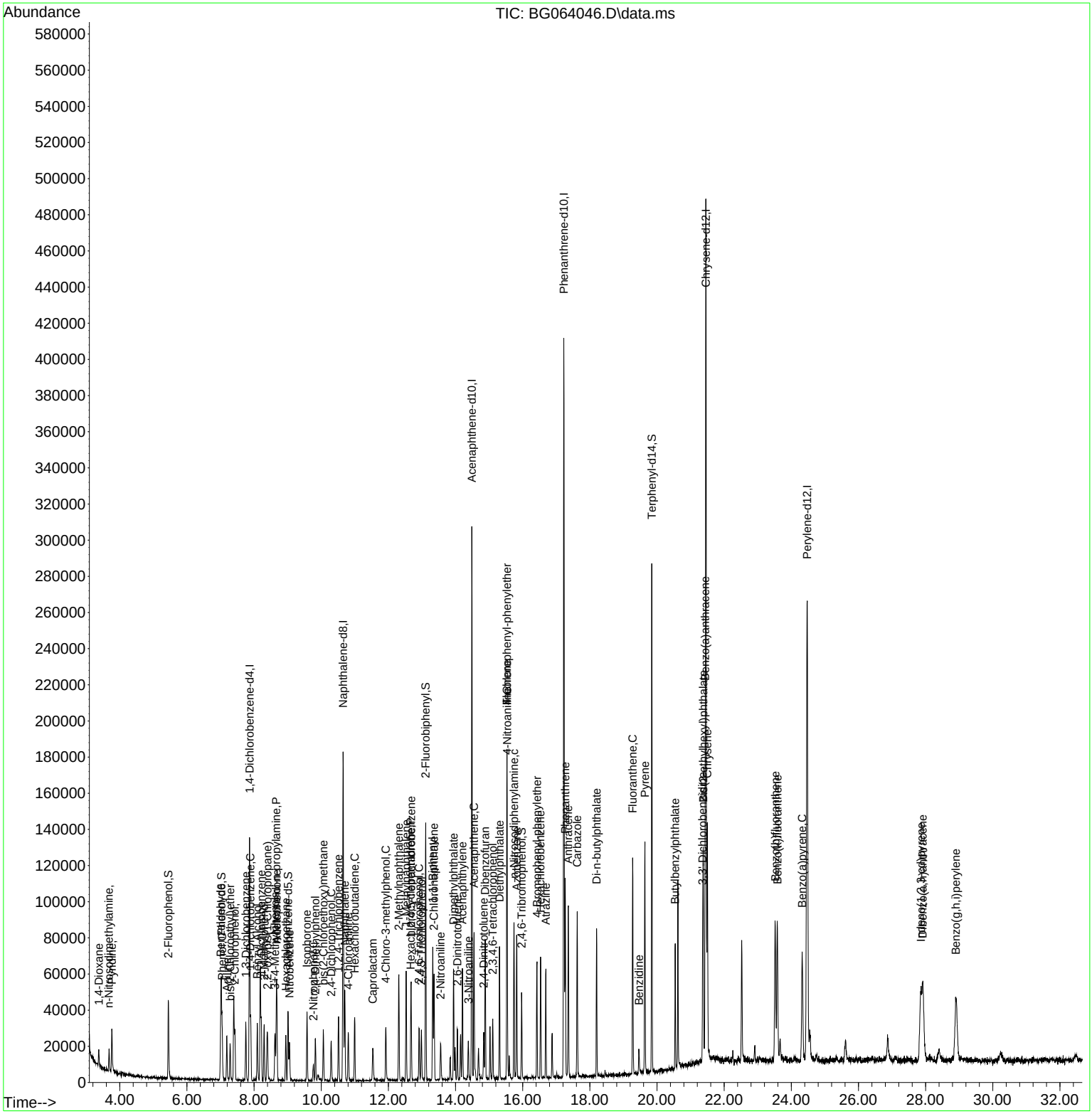
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064046.D
Acq On : 5 Mar 2025 9:42
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 05 15:20:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064047.D
Acq On : 5 Mar 2025 10:22
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:21:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.867	152	31108	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	139041	20.000	ng		0.00
39) Acenaphthene-d10	14.489	164	93753	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	216134	20.000	ng		0.00
76) Chrysene-d12	21.457	240	243131	20.000	ng		0.00
86) Perylene-d12	24.471	264	255316	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	38583	19.366	ng		0.00
7) Phenol-d6	7.027	99	50726	18.716	ng		0.00
23) Nitrobenzene-d5	9.013	82	41723	16.583	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	17898	17.174	ng		0.00
45) 2-Fluorobiphenyl	13.114	172	122799	19.881	ng		0.00
79) Terphenyl-d14	19.847	244	248866	20.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.378	88	9415	10.428	ng		97
3) Pyridine	3.760	79	22471	10.233	ng		93
4) n-Nitrosodimethylamine	3.678	42	15180	9.676	ng	#	99
6) Aniline	7.191	93	25976	9.767	ng		98
8) 2-Chlorophenol	7.432	128	20803	9.722	ng		95
9) Benzaldehyde	7.003	77	17458m	11.020	ng		
10) Phenol	7.050	94	26326	9.487	ng		98
11) bis(2-Chloroethyl)ether	7.285	93	22457	10.323	ng		96
12) 1,3-Dichlorobenzene	7.755	146	23941	10.189	ng		90
13) 1,4-Dichlorobenzene	7.896	146	24047	9.985	ng		93
14) 1,2-Dichlorobenzene	8.214	146	22764	9.802	ng		91
15) Benzyl Alcohol	8.096	79	19422	9.274	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.390	45	47034	9.615	ng		97
17) 2-Methylphenol	8.296	107	17355	9.424	ng		94
18) Hexachloroethane	8.948	117	8075	9.583	ng		90
19) n-Nitroso-di-n-propyla...	8.660	70	17996	9.461	ng	#	95
20) 3+4-Methylphenols	8.625	107	23611	9.313	ng		93
22) Acetophenone	8.678	105	36468	9.566	ng	#	91
24) Nitrobenzene	9.054	77	22242	8.554	ng	#	96
25) Isophorone	9.577	82	46752	9.284	ng		97
26) 2-Nitrophenol	9.765	139	5521	9.891	ng	#	79
27) 2,4-Dimethylphenol	9.823	122	13030	8.631	ng		90
28) bis(2-Chloroethoxy)met...	10.064	93	28970	9.488	ng		98
29) 2,4-Dichlorophenol	10.293	162	16635	8.726	ng		96
30) 1,2,4-Trichlorobenzene	10.517	180	22045	9.579	ng		96
31) Naphthalene	10.699	128	72491	9.669	ng		98
32) Benzoic acid	9.912	122	5442m	11.884	ng		
33) 4-Chloroaniline	10.805	127	25282	9.226	ng	#	92
34) Hexachlorobutadiene	10.993	225	14828	9.830	ng		99
35) Caprolactam	11.539	113	6357	8.702	ng	#	91
36) 4-Chloro-3-methylphenol	11.921	107	22970	9.192	ng		97
37) 2-Methylnaphthalene	12.309	142	50557	9.552	ng		100
38) 1-Methylnaphthalene	12.526	142	50620	9.762	ng	#	92
40) 1,2,4,5-Tetrachloroben...	12.679	216	27386	10.232	ng		98
41) Hexachlorocyclopentadiene	12.667	237	6015	7.985	ng		90
43) 2,4,6-Trichlorophenol	12.914	196	13713	8.693	ng		95

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064047.D
Acq On : 5 Mar 2025 10:22
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:21:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	15468	8.825	ng		95
46) 1,1'-Biphenyl	13.319	154	70250	9.918	ng		94
47) 2-Chloronaphthalene	13.360	162	50394	9.755	ng		98
48) 2-Nitroaniline	13.560	65	10834	9.850	ng		90
49) Acenaphthylene	14.207	152	78614	9.621	ng		96
50) Dimethylphthalate	13.942	163	65659	9.487	ng	#	95
51) 2,6-Dinitrotoluene	14.054	165	9373	9.566	ng		90
52) Acenaphthene	14.547	154	53833m	9.797	ng		
53) 3-Nitroaniline	14.383	138	10697	7.997	ng		98
54) 2,4-Dinitrophenol	14.583	184	3090	12.640	ng	#	74
55) Dibenzofuran	14.882	168	88163	9.924	ng		97
56) 4-Nitrophenol	14.682	139	7683	6.849	ng	#	88
57) 2,4-Dinitrotoluene	14.835	165	11947	9.344	ng	#	95
58) Fluorene	15.528	166	67954	9.821	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.111	232	15282	8.943	ng		99
60) Diethylphthalate	15.311	149	70346	9.363	ng		96
61) 4-Chlorophenyl-phenyle...	15.534	204	34862	10.139	ng		95
62) 4-Nitroaniline	15.540	138	12324	8.534	ng		89
63) Azobenzene	15.822	77	77127	9.620	ng		98
65) 4,6-Dinitro-2-methylph...	15.605	198	5373	12.953	ng		97
66) n-Nitrosodiphenylamine	15.740	169	59511	9.727	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	21085	9.525	ng		97
68) Hexachlorobenzene	16.539	284	24406	9.848	ng	#	89
69) Atrazine	16.686	200	20585	11.436	ng		92
70) Pentachlorophenol	16.874	266	11318	7.355	ng	#	87
71) Phenanthrene	17.268	178	111754	9.694	ng		97
72) Anthracene	17.356	178	112451	9.810	ng		99
73) Carbazole	17.626	167	106750	9.974	ng		98
74) Di-n-butylphthalate	18.202	149	118366	9.396	ng		97
75) Fluoranthene	19.277	202	142097	10.224	ng		98
77) Benzidine	19.465	184	48648m	14.253	ng		
78) Pyrene	19.641	202	156414	9.980	ng		99
80) Butylbenzylphthalate	20.546	149	40179	9.952	ng	#	88
81) Benzo(a)anthracene	21.439	228	154113	9.895	ng		97
82) 3,3'-Dichlorobenzidine	21.363	252	48080	9.539	ng	#	93
83) Chrysene	21.504	228	149887	9.649	ng		98
84) Bis(2-ethylhexyl)phtha...	21.380	149	70780	8.403	ng		95
85) Di-n-octyl phthalate	22.526	149	108389	7.461	ng		97
87) Indeno(1,2,3-cd)pyrene	27.855	276	157212	9.203	ng	#	75
88) Benzo(b)fluoranthene	23.519	252	146238	9.475	ng		98
89) Benzo(k)fluoranthene	23.584	252	151826	9.805	ng		97
90) Benzo(a)pyrene	24.330	252	130528	9.496	ng		96
91) Dibenzo(a,h)anthracene	27.914	278	132272	9.340	ng	#	97
92) Benzo(g,h,i)perylene	28.907	276	139536	9.596	ng		97

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

ICAL Form

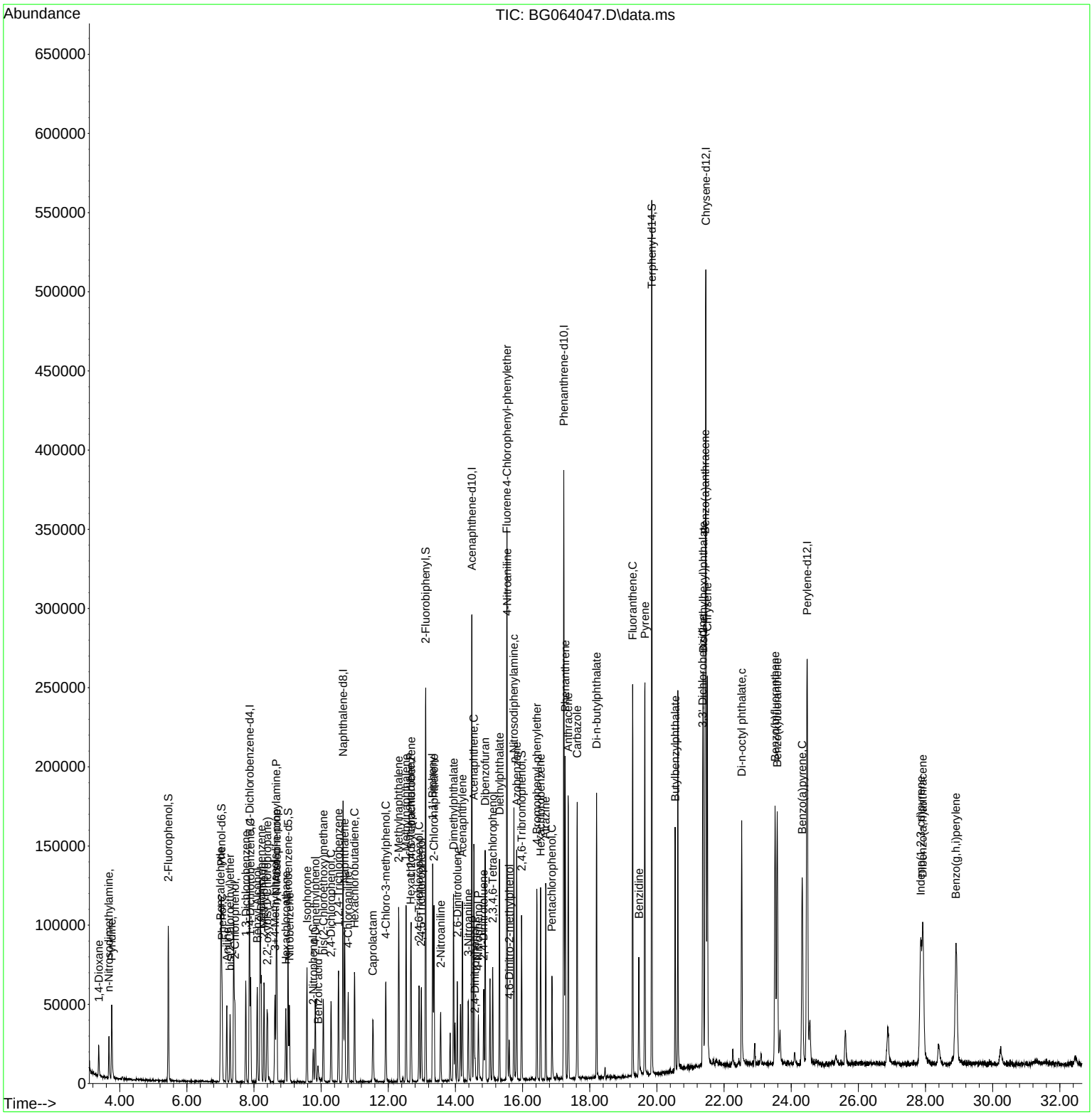
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064047.D
Acq On : 5 Mar 2025 10:22
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 05 15:21:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064048.D
Acq On : 5 Mar 2025 11:03
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.867	152	32618	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	145081	20.000	ng		0.00
39) Acenaphthene-d10	14.489	164	102335	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	239469	20.000	ng		0.00
76) Chrysene-d12	21.463	240	245725	20.000	ng		0.00
86) Perylene-d12	24.471	264	254102	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	86747	41.526	ng		0.00
7) Phenol-d6	7.027	99	117028	41.181	ng		0.00
23) Nitrobenzene-d5	9.013	82	104347	39.746	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	46324	40.723	ng		0.00
45) 2-Fluorobiphenyl	13.114	172	278220	41.267	ng		0.00
79) Terphenyl-d14	19.847	244	521784	42.936	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.372	88	20346	21.491	ng		94
3) Pyridine	3.760	79	47376	20.577	ng		90
4) n-Nitrosodimethylamine	3.678	42	33180	20.170	ng	#	98
6) Aniline	7.191	93	59532	21.349	ng		98
8) 2-Chlorophenol	7.432	128	46053	20.527	ng		91
9) Benzaldehyde	7.003	77	36954m	22.246	ng		
10) Phenol	7.050	94	59566	20.473	ng		96
11) bis(2-Chloroethyl)ether	7.291	93	46439	20.359	ng		96
12) 1,3-Dichlorobenzene	7.755	146	48956	19.871	ng		98
13) 1,4-Dichlorobenzene	7.902	146	52419	20.757	ng		97
14) 1,2-Dichlorobenzene	8.214	146	50317	20.663	ng		98
15) Benzyl Alcohol	8.096	79	43802	19.946	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.390	45	104660	20.405	ng		98
17) 2-Methylphenol	8.302	107	38395	19.883	ng	#	90
18) Hexachloroethane	8.948	117	16959	19.194	ng		99
19) n-Nitroso-di-n-propyla...	8.666	70	41803	20.960	ng		94
20) 3+4-Methylphenols	8.625	107	53440	20.102	ng		93
22) Acetophenone	8.678	105	84092	21.140	ng		94
24) Nitrobenzene	9.060	77	56511	20.828	ng	#	97
25) Isophorone	9.577	82	107881	20.530	ng		98
26) 2-Nitrophenol	9.765	139	13886	18.663	ng		96
27) 2,4-Dimethylphenol	9.824	122	32013	20.322	ng		95
28) bis(2-Chloroethoxy)met...	10.064	93	67945	21.327	ng		97
29) 2,4-Dichlorophenol	10.294	162	40728	20.475	ng		96
30) 1,2,4-Trichlorobenzene	10.517	180	49701	20.698	ng		96
31) Naphthalene	10.705	128	161582	20.654	ng		100
32) Benzoic acid	9.929	122	20223m	20.131	ng		
33) 4-Chloroaniline	10.805	127	59095	20.668	ng		98
34) Hexachlorobutadiene	10.999	225	32675	20.760	ng		96
35) Caprolactam	11.557	113	16251	21.319	ng		97
36) 4-Chloro-3-methylphenol	11.927	107	55024	21.103	ng		94
37) 2-Methylnaphthalene	12.309	142	114303	20.696	ng		94
38) 1-Methylnaphthalene	12.532	142	111828	20.668	ng		95
40) 1,2,4,5-Tetrachloroben...	12.679	216	60556	20.727	ng		98
41) Hexachlorocyclopentadiene	12.667	237	16470	20.029	ng		90
43) 2,4,6-Trichlorophenol	12.914	196	34893	20.264	ng		93

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064048.D
Acq On : 5 Mar 2025 11:03
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	38995	20.381	ng		95
46) 1,1'-Biphenyl	13.325	154	160835	20.803	ng		97
47) 2-Chloronaphthalene	13.361	162	112611	19.971	ng		99
48) 2-Nitroaniline	13.560	65	28373	18.684	ng		98
49) Acenaphthylene	14.207	152	183469	20.571	ng		99
50) Dimethylphthalate	13.948	163	159500	21.114	ng		100
51) 2,6-Dinitrotoluene	14.054	165	26787	19.614	ng		92
52) Acenaphthene	14.553	154	125939m	20.997	ng		
53) 3-Nitroaniline	14.383	138	30517	20.902	ng		88
54) 2,4-Dinitrophenol	14.594	184	8560	19.958	ng	#	74
55) Dibenzofuran	14.888	168	202235	20.856	ng		96
56) 4-Nitrophenol	14.683	139	20425	16.681	ng		87
57) 2,4-Dinitrotoluene	14.841	165	35172	19.015	ng	#	97
58) Fluorene	15.534	166	157795	20.894	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.111	232	39748	21.310	ng		99
60) Diethylphthalate	15.311	149	174872	21.324	ng		98
61) 4-Chlorophenyl-phenyle...	15.534	204	80605	21.477	ng		95
62) 4-Nitroaniline	15.540	138	32000	20.301	ng		88
63) Azobenzene	15.822	77	182618	20.868	ng		98
65) 4,6-Dinitro-2-methylph...	15.599	198	14079	19.469	ng		95
66) n-Nitrosodiphenylamine	15.740	169	139451	20.573	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	50868	20.740	ng		99
68) Hexachlorobenzene	16.539	284	56538	20.591	ng		95
69) Atrazine	16.692	200	42810	21.465	ng		97
70) Pentachlorophenol	16.874	266	30561	17.926	ng	#	88
71) Phenanthrene	17.268	178	265841	20.813	ng		99
72) Anthracene	17.362	178	264350	20.814	ng		99
73) Carbazole	17.626	167	244169	20.591	ng		100
74) Di-n-butylphthalate	18.202	149	290500	20.812	ng		100
75) Fluoranthene	19.277	202	319913	20.776	ng		98
77) Benzidine	19.459	184	58504	16.960	ng		99
78) Pyrene	19.641	202	331849	20.950	ng		99
80) Butylbenzylphthalate	20.546	149	99429	19.098	ng		98
81) Benzo(a)anthracene	21.439	228	321777	20.443	ng		98
82) 3,3'-Dichlorobenzidine	21.363	252	109121	21.421	ng		98
83) Chrysene	21.504	228	321379	20.471	ng		98
84) Bis(2-ethylhexyl)phtha...	21.381	149	168286	19.769	ng		98
85) Di-n-octyl phthalate	22.526	149	272257	18.542	ng		99
87) Indeno(1,2,3-cd)pyrene	27.867	276	357779	21.044	ng		98
88) Benzo(b)fluoranthene	23.525	252	322554	20.998	ng		98
89) Benzo(k)fluoranthene	23.590	252	325538	21.124	ng		99
90) Benzo(a)pyrene	24.330	252	285622	20.878	ng		97
91) Dibenzo(a,h)anthracene	27.932	278	292558	20.756	ng		99
92) Benzo(g,h,i)perylene	28.931	276	307072	21.219	ng		97

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

ICAL Form

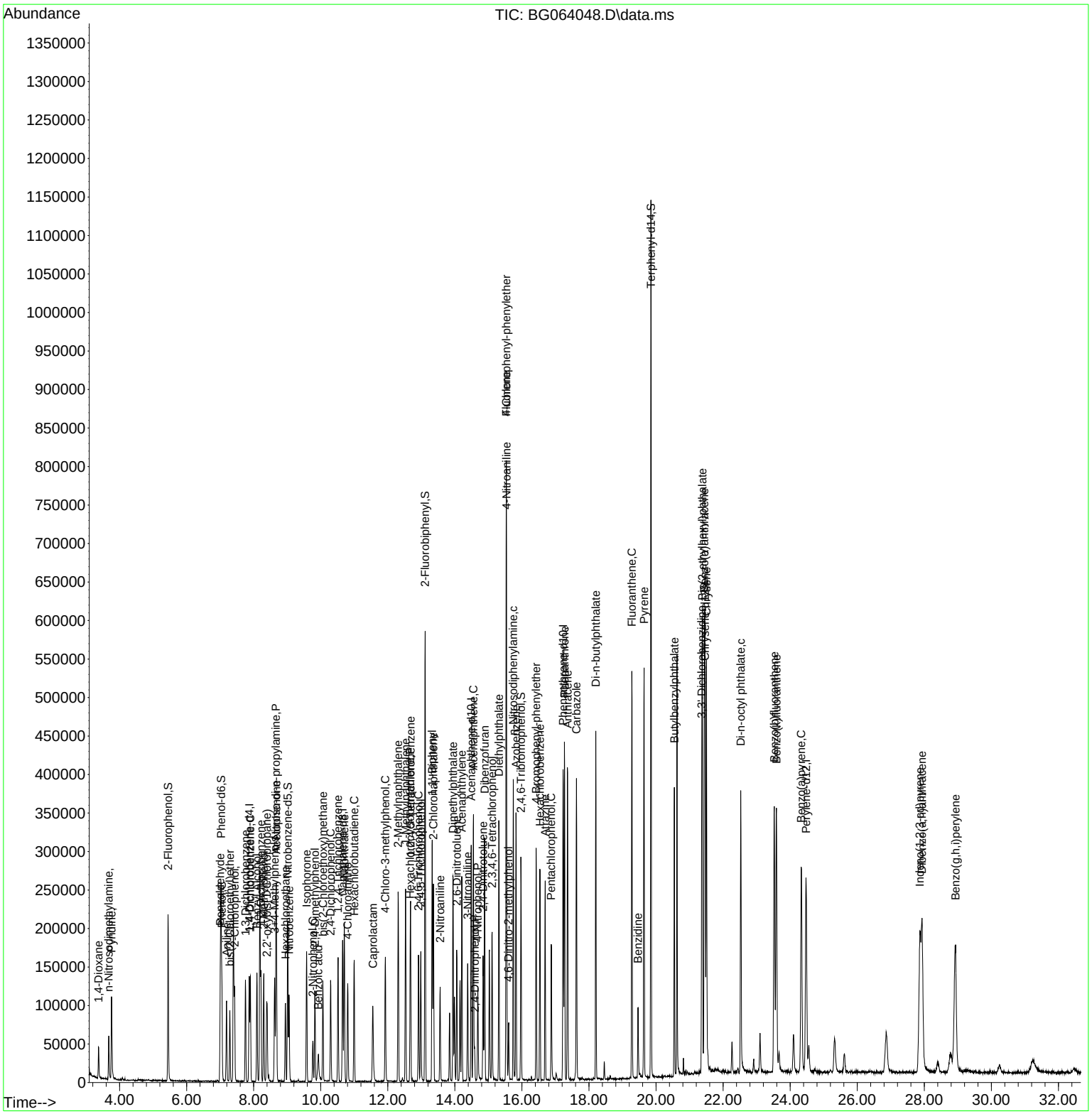
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064048.D
Acq On : 5 Mar 2025 11:03
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 05 15:22:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064049.D
Acq On : 5 Mar 2025 11:43
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 05 15:23:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	36119	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	166592	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	113406	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	259291	20.000	ng	0.00
76) Chrysene-d12	21.461	240	272676	20.000	ng	0.00
86) Perylene-d12	24.475	264	289801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	195059	84.325	ng	0.00
7) Phenol-d6	7.030	99	267026	84.856	ng	0.00
23) Nitrobenzene-d5	9.016	82	256618	85.125	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	109187	86.616	ng	0.00
45) 2-Fluorobiphenyl	13.117	172	620339	83.029	ng	0.00
79) Terphenyl-d14	19.851	244	1089644	80.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	42253	40.305	ng	100
3) Pyridine	3.764	79	113639	44.572	ng	100
4) n-Nitrosodimethylamine	3.681	42	76876	42.203	ng	100
6) Aniline	7.195	93	131468	42.576	ng	100
8) 2-Chlorophenol	7.430	128	104423	42.032	ng	100
9) Benzaldehyde	7.007	77	72458	39.392	ng	100
10) Phenol	7.054	94	135869	42.171	ng	100
11) bis(2-Chloroethyl)ether	7.295	93	102203	40.462	ng	100
12) 1,3-Dichlorobenzene	7.759	146	111677	40.935	ng	100
13) 1,4-Dichlorobenzene	7.900	146	114970	41.114	ng	100
14) 1,2-Dichlorobenzene	8.217	146	109760	40.705	ng	100
15) Benzyl Alcohol	8.100	79	103751	42.666	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.399	45	237053	41.738	ng	100
17) 2-Methylphenol	8.299	107	91630	42.852	ng	100
18) Hexachloroethane	8.946	117	41682	42.603	ng	100
19) n-Nitroso-di-n-propyla...	8.670	70	95587	43.283	ng	100
20) 3+4-Methylphenols	8.629	107	123273	41.875	ng	100
22) Acetophenone	8.681	105	187490	41.048	ng	100
24) Nitrobenzene	9.057	77	132396	42.497	ng	100
25) Isophorone	9.580	82	248096	41.117	ng	100
26) 2-Nitrophenol	9.768	139	40684	39.553	ng	100
27) 2,4-Dimethylphenol	9.827	122	76114	42.079	ng	100
28) bis(2-Chloroethoxy)met...	10.068	93	147757	40.391	ng	100
29) 2,4-Dichlorophenol	10.297	162	95738	41.916	ng	100
30) 1,2,4-Trichlorobenzene	10.515	180	110636	40.125	ng	100
31) Naphthalene	10.703	128	359362	40.004	ng	100
32) Benzoic acid	9.974	122	57392m	37.004	ng	
33) 4-Chloroaniline	10.808	127	138722	42.251	ng	100
34) Hexachlorobutadiene	10.996	225	72822	40.294	ng	100
35) Caprolactam	11.578	113	36736	41.970	ng	100
36) 4-Chloro-3-methylphenol	11.931	107	124422	41.558	ng	100
37) 2-Methylnaphthalene	12.312	142	254296	40.099	ng	100
38) 1-Methylnaphthalene	12.530	142	250971	40.394	ng	100
40) 1,2,4,5-Tetrachloroben...	12.683	216	132854	41.034	ng	100
41) Hexachlorocyclopentadiene	12.665	237	39606	43.464	ng	100
43) 2,4,6-Trichlorophenol	12.918	196	81144	42.524	ng	100

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064049.D
Acq On : 5 Mar 2025 11:43
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 05 15:23:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	92122	43.449	ng	100
46) 1,1'-Biphenyl	13.323	154	348881	40.719	ng	100
47) 2-Chloronaphthalene	13.364	162	255541	40.894	ng	100
48) 2-Nitroaniline	13.564	65	78919	39.603	ng	100
49) Acenaphthylene	14.210	152	405756	41.052	ng	100
50) Dimethylphthalate	13.952	163	344791	41.187	ng	100
51) 2,6-Dinitrotoluene	14.063	165	66200	39.610	ng	100
52) Acenaphthene	14.557	154	269147m	40.492	ng	
53) 3-Nitroaniline	14.386	138	71724	44.330	ng	100
54) 2,4-Dinitrophenol	14.592	184	22778	36.881	ng	100
55) Dibenzofuran	14.886	168	440253	40.970	ng	100
56) 4-Nitrophenol	14.692	139	58316	42.977	ng	100
57) 2,4-Dinitrotoluene	14.845	165	91658	39.789	ng	100
58) Fluorene	15.538	166	335238	40.055	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.109	232	89594	43.345	ng	100
60) Diethylphthalate	15.321	149	378464	41.645	ng	100
61) 4-Chlorophenyl-phenyle...	15.538	204	166615	40.061	ng	100
62) 4-Nitroaniline	15.550	138	78323	44.838	ng	100
63) Azobenzene	15.826	77	398816	41.125	ng	100
65) 4,6-Dinitro-2-methylph...	15.609	198	38647	36.802	ng	100
66) n-Nitrosodiphenylamine	15.744	169	299980	40.872	ng	100
67) 4-Bromophenyl-phenylether	16.425	248	109095	41.081	ng	100
68) Hexachlorobenzene	16.537	284	118787	39.954	ng	100
69) Atrazine	16.696	200	82729	38.309	ng	100
70) Pentachlorophenol	16.878	266	77264	41.856	ng	100
71) Phenanthrene	17.271	178	560184	40.505	ng	100
72) Anthracene	17.365	178	562891	40.932	ng	100
73) Carbazole	17.630	167	532467	41.470	ng	100
74) Di-n-butylphthalate	18.206	149	652013	43.141	ng	100
75) Fluoranthene	19.281	202	683664	41.004	ng	100
77) Benzidine	19.463	184	170880	44.641	ng	100
78) Pyrene	19.645	202	714571	40.653	ng	100
80) Butylbenzylphthalate	20.544	149	253637	39.178	ng	100
81) Benzo(a)anthracene	21.443	228	710573	40.681	ng	100
82) 3,3'-Dichlorobenzidine	21.367	252	245252	43.385	ng	100
83) Chrysene	21.508	228	712310	40.888	ng	100
84) Bis(2-ethylhexyl)phtha...	21.378	149	412893	43.709	ng	100
85) Di-n-octyl phthalate	22.530	149	675516	41.459	ng	100
87) Indeno(1,2,3-cd)pyrene	27.877	276	797387	41.124	ng	100
88) Benzo(b)fluoranthene	23.529	252	704588	40.217	ng	100
89) Benzo(k)fluoranthene	23.593	252	727467	41.391	ng	100
90) Benzo(a)pyrene	24.340	252	641802	41.134	ng	100
91) Dibenzo(a,h)anthracene	27.947	278	656435	40.836	ng	100
92) Benzo(g,h,i)perylene	28.940	276	667911	40.469	ng	100

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

ICAL Form

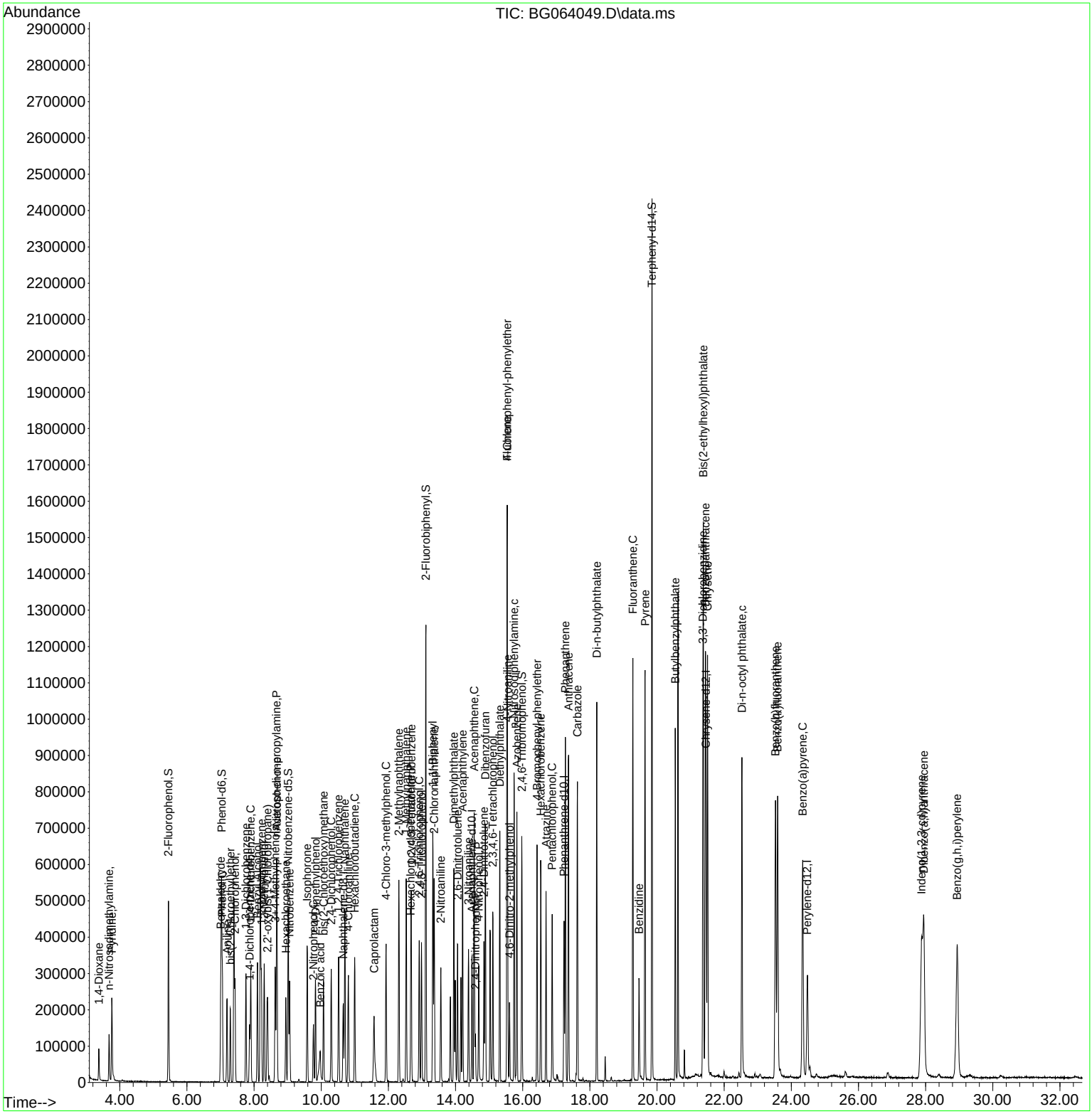
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064049.D
Acq On : 5 Mar 2025 11:43
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 05 15:23:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064050.D
Acq On : 5 Mar 2025 12:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 05 15:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	38040	20.000	ng	0.00
21) Naphthalene-d8	10.656	136	162322	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	110522	20.000	ng	0.00
64) Phenanthrene-d10	17.231	188	254221	20.000	ng	0.00
76) Chrysene-d12	21.467	240	272579	20.000	ng	0.00
86) Perylene-d12	24.475	264	286555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	239407	98.271	ng	0.00
7) Phenol-d6	7.031	99	323841	97.714	ng	0.00
23) Nitrobenzene-d5	9.017	82	316407	107.720	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	133386	108.574	ng	0.00
45) 2-Fluorobiphenyl	13.118	172	708865	97.354	ng	0.00
79) Terphenyl-d14	19.851	244	1286263	95.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	53145	48.134	ng	98
3) Pyridine	3.764	79	127257	47.393	ng	97
4) n-Nitrosodimethylamine	3.682	42	94714	49.369	ng	93
6) Aniline	7.196	93	156110	48.003	ng	99
8) 2-Chlorophenol	7.431	128	126814	48.467	ng	100
9) Benzaldehyde	7.008	77	81796	42.223	ng	95
10) Phenol	7.060	94	166630	49.107	ng	97
11) bis(2-Chloroethyl)ether	7.290	93	125734	47.264	ng	99
12) 1,3-Dichlorobenzene	7.760	146	136763	47.598	ng	95
13) 1,4-Dichlorobenzene	7.901	146	140578	47.733	ng	98
14) 1,2-Dichlorobenzene	8.218	146	134631	47.407	ng	96
15) Benzyl Alcohol	8.100	79	129182	50.441	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.394	45	284947	47.637	ng	100
17) 2-Methylphenol	8.300	107	111405	49.469	ng	97
18) Hexachloroethane	8.947	117	50035	48.558	ng	91
19) n-Nitroso-di-n-propyla...	8.670	70	113111	48.631	ng	98
20) 3+4-Methylphenols	8.629	107	153346	49.461	ng	97
22) Acetophenone	8.682	105	221424	49.752	ng	99
24) Nitrobenzene	9.058	77	160553	52.890	ng	96
25) Isophorone	9.581	82	290768	49.457	ng	97
26) 2-Nitrophenol	9.769	139	52718	49.791	ng	100
27) 2,4-Dimethylphenol	9.828	122	89845	50.976	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	173244	48.604	ng	96
29) 2,4-Dichlorophenol	10.298	162	117642	52.861	ng	96
30) 1,2,4-Trichlorobenzene	10.521	180	136213	50.701	ng	93
31) Naphthalene	10.703	128	430679	49.204	ng	98
32) Benzoic acid	9.975	122	77326m	47.851	ng	
33) 4-Chloroaniline	10.809	127	159874	49.975	ng	99
34) Hexachlorobutadiene	10.997	225	87623	49.759	ng	96
35) Caprolactam	11.579	113	45779	53.678	ng	92
36) 4-Chloro-3-methylphenol	11.931	107	151419	51.905	ng	97
37) 2-Methylnaphthalene	12.313	142	302745	48.994	ng	96
38) 1-Methylnaphthalene	12.531	142	293710	48.517	ng	99
40) 1,2,4,5-Tetrachloroben...	12.677	216	154824	49.068	ng	97
41) Hexachlorocyclopentadiene	12.666	237	48218	54.295	ng	98
43) 2,4,6-Trichlorophenol	12.918	196	100024	53.786	ng	92

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064050.D
Acq On : 5 Mar 2025 12:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	109309	52.900	ng		99
46) 1,1'-Biphenyl	13.324	154	407499	48.802	ng		98
47) 2-Chloronaphthalene	13.365	162	304442	49.991	ng		97
48) 2-Nitroaniline	13.565	65	101610	49.852	ng		96
49) Acenaphthylene	14.211	152	479498	49.779	ng		100
50) Dimethylphthalate	13.952	163	404288	49.555	ng		100
51) 2,6-Dinitrotoluene	14.064	165	82929	49.957	ng		90
52) Acenaphthene	14.558	154	320276m	49.442	ng		
53) 3-Nitroaniline	14.393	138	86456	54.830	ng		100
54) 2,4-Dinitrophenol	14.593	184	30713	48.003	ng		89
55) Dibenzofuran	14.887	168	511922	48.883	ng		99
56) 4-Nitrophenol	14.693	139	77342	58.485	ng		94
57) 2,4-Dinitrotoluene	14.851	165	115455	50.361	ng	#	95
58) Fluorene	15.539	166	401156	49.182	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	106306	52.772	ng		98
60) Diethylphthalate	15.321	149	448796	50.673	ng		98
61) 4-Chlorophenyl-phenyle...	15.533	204	196685	48.525	ng		93
62) 4-Nitroaniline	15.556	138	96864	56.899	ng		96
63) Azobenzene	15.827	77	469832	49.712	ng		99
65) 4,6-Dinitro-2-methylph...	15.609	198	52142	47.566	ng		92
66) n-Nitrosodiphenylamine	15.744	169	354329	49.240	ng		100
67) 4-Bromophenyl-phenylether	16.426	248	127329	48.903	ng		97
68) Hexachlorobenzene	16.538	284	144717	49.646	ng		97
69) Atrazine	16.696	200	81796	38.632	ng		96
70) Pentachlorophenol	16.878	266	95820	52.943	ng		98
71) Phenanthrene	17.272	178	669776	49.395	ng		99
72) Anthracene	17.360	178	670298	49.714	ng		98
73) Carbazole	17.630	167	640167	50.853	ng		99
74) Di-n-butylphthalate	18.206	149	785487	53.009	ng		100
75) Fluoranthene	19.281	202	824769	50.454	ng		99
77) Benzidine	19.464	184	133122	34.790	ng		99
78) Pyrene	19.646	202	854585	48.636	ng		99
80) Butylbenzylphthalate	20.545	149	322148	48.794	ng		98
81) Benzo(a)anthracene	21.449	228	868997	49.769	ng		96
82) 3,3'-Dichlorobenzidine	21.367	252	283543	50.177	ng		98
83) Chrysene	21.508	228	860924	49.437	ng		99
84) Bis(2-ethylhexyl)phtha...	21.385	149	511903	54.210	ng		100
85) Di-n-octyl phthalate	22.531	149	855727	52.538	ng		100
87) Indeno(1,2,3-cd)pyrene	27.883	276	970339	50.610	ng		98
88) Benzo(b)fluoranthene	23.535	252	882554	50.946	ng		98
89) Benzo(k)fluoranthene	23.600	252	863262	49.673	ng		97
90) Benzo(a)pyrene	24.346	252	792379	51.360	ng		98
91) Dibenzo(a,h)anthracene	27.948	278	812185	51.097	ng		99
92) Benzo(g,h,i)perylene	28.947	276	821282	50.325	ng		99

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

ICAL Form

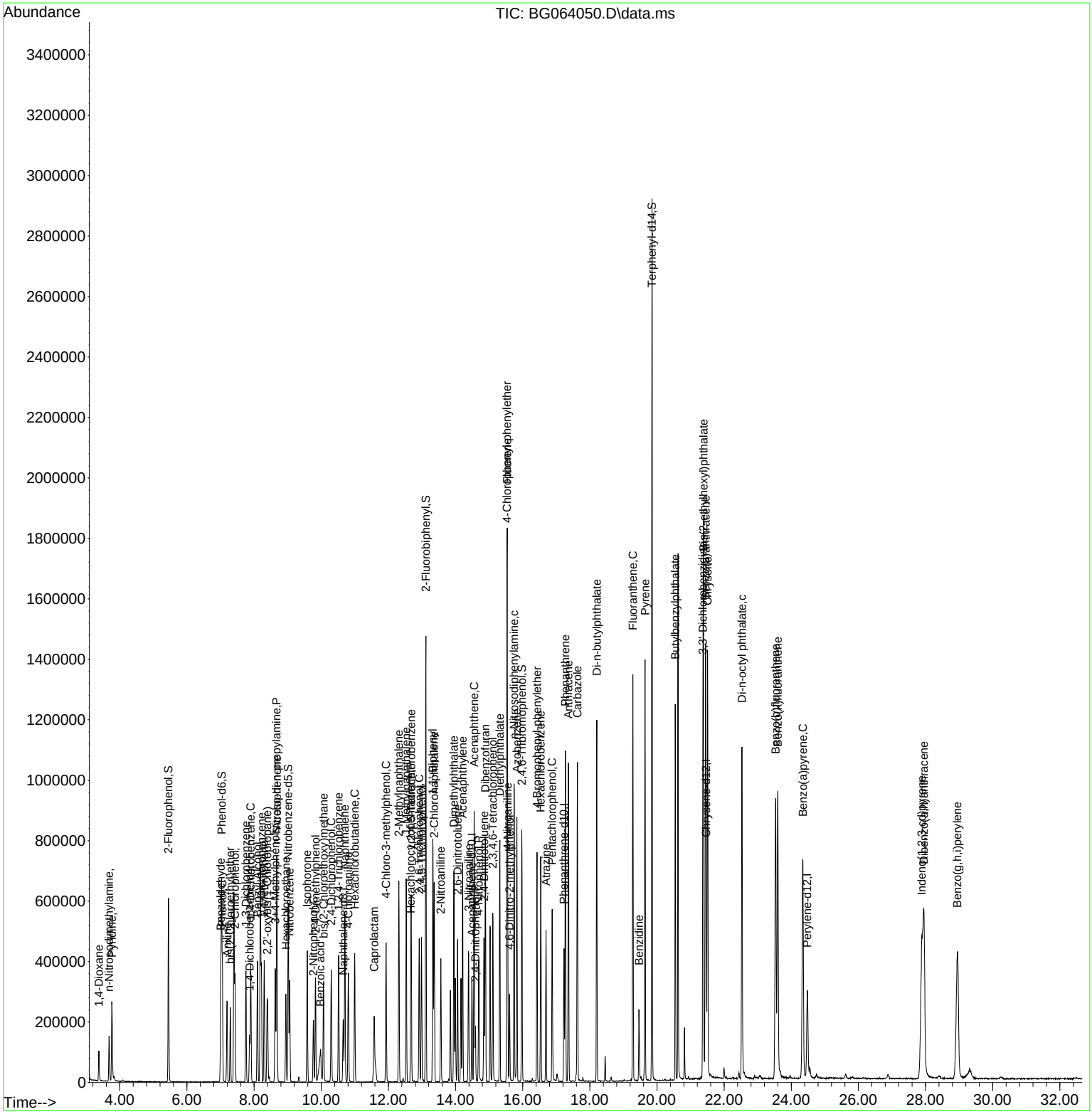
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064050.D
Acq On : 5 Mar 2025 12:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 05 15:24:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064051.D
Acq On : 5 Mar 2025 13:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	37134	20.000	ng		0.00
21) Naphthalene-d8	10.656	136	170133	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	120501	20.000	ng		0.00
64) Phenanthrene-d10	17.230	188	267696	20.000	ng		0.00
76) Chrysene-d12	21.467	240	267699	20.000	ng		0.00
86) Perylene-d12	24.481	264	289231	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.450	112	293555	123.437	ng		0.00
7) Phenol-d6	7.031	99	409752	126.652	ng		0.00
23) Nitrobenzene-d5	9.022	82	408232	132.600	ng		0.00
42) 2,4,6-Tribromophenol	15.979	330	180569	134.808	ng		0.00
45) 2-Fluorobiphenyl	13.118	172	928658	116.978	ng		0.00
79) Terphenyl-d14	19.851	244	1536841	116.081	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	60005	55.674	ng		98
3) Pyridine	3.764	79	153247	58.464	ng		100
4) n-Nitrosodimethylamine	3.682	42	116662	62.293	ng		99
6) Aniline	7.195	93	194727	61.338	ng		99
8) 2-Chlorophenol	7.430	128	158149	61.917	ng		97
9) Benzaldehyde	7.007	77	94743	50.099	ng		97
10) Phenol	7.060	94	211698	63.911	ng		97
11) bis(2-Chloroethyl)ether	7.295	93	157937	60.818	ng		99
12) 1,3-Dichlorobenzene	7.759	146	169236	60.337	ng		97
13) 1,4-Dichlorobenzene	7.900	146	171129	59.524	ng		98
14) 1,2-Dichlorobenzene	8.217	146	169937	61.300	ng		98
15) Benzyl Alcohol	8.100	79	163423	65.368	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.394	45	358503	61.396	ng		98
17) 2-Methylphenol	8.300	107	141394	64.317	ng		96
18) Hexachloroethane	8.946	117	64767	64.389	ng		94
19) n-Nitroso-di-n-propyla...	8.676	70	147291	64.871	ng		97
20) 3+4-Methylphenols	8.635	107	200990	66.409	ng		94
22) Acetophenone	8.682	105	286250	61.365	ng	#	98
24) Nitrobenzene	9.064	77	208758	65.613	ng		95
25) Isophorone	9.586	82	386627	62.743	ng		97
26) 2-Nitrophenol	9.769	139	72153	61.605	ng		95
27) 2,4-Dimethylphenol	9.827	122	122021	66.054	ng		98
28) bis(2-Chloroethoxy)met...	10.068	93	229336	61.387	ng		98
29) 2,4-Dichlorophenol	10.303	162	153766	65.920	ng		97
30) 1,2,4-Trichlorobenzene	10.521	180	170860	60.677	ng		98
31) Naphthalene	10.703	128	559954	61.037	ng		99
32) Benzoic acid	9.998	122	110878m	62.274	ng		
33) 4-Chloroaniline	10.809	127	214091	63.850	ng		98
34) Hexachlorobutadiene	10.997	225	112408	60.903	ng		98
35) Caprolactam	11.596	113	57227	64.020	ng		95
36) 4-Chloro-3-methylphenol	11.931	107	199201	65.149	ng		97
37) 2-Methylnaphthalene	12.313	142	397524	61.379	ng		99
38) 1-Methylnaphthalene	12.536	142	391774	61.745	ng		95
40) 1,2,4,5-Tetrachloroben...	12.683	216	203188	59.063	ng		98
41) Hexachlorocyclopentadiene	12.665	237	65070	67.203	ng		96
43) 2,4,6-Trichlorophenol	12.918	196	133197	65.693	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064051.D
Acq On : 5 Mar 2025 13:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	147199	65.338	ng		97
46) 1,1'-Biphenyl	13.329	154	546747	60.056	ng		99
47) 2-Chloronaphthalene	13.364	162	405177	61.023	ng		98
48) 2-Nitroaniline	13.564	65	143213	61.521	ng		97
49) Acenaphthylene	14.210	152	642256	61.154	ng		99
50) Dimethylphthalate	13.958	163	545112	61.282	ng		99
51) 2,6-Dinitrotoluene	14.064	165	110825	60.475	ng		92
52) Acenaphthene	14.557	154	423181	59.918	ng		99
53) 3-Nitroaniline	14.393	138	118880	69.150	ng		99
54) 2,4-Dinitrophenol	14.592	184	43597	60.118	ng	#	82
55) Dibenzofuran	14.892	168	673760	59.009	ng		100
56) 4-Nitrophenol	14.698	139	97685	67.751	ng		97
57) 2,4-Dinitrotoluene	14.851	165	153908	60.762	ng	#	98
58) Fluorene	15.538	166	527952	59.367	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.115	232	145394	66.199	ng		96
60) Diethylphthalate	15.321	149	591838	61.289	ng		100
61) 4-Chlorophenyl-phenyle...	15.538	204	260768	59.007	ng		93
62) 4-Nitroaniline	15.556	138	122494	65.996	ng		97
63) Azobenzene	15.826	77	616384	59.818	ng		99
65) 4,6-Dinitro-2-methylph...	15.615	198	74058	61.305	ng		97
66) n-Nitrosodiphenylamine	15.750	169	458342	60.488	ng		97
67) 4-Bromophenyl-phenylether	16.426	248	174594	63.681	ng		96
68) Hexachlorobenzene	16.543	284	183700	59.848	ng		99
70) Pentachlorophenol	16.884	266	127516	66.910	ng		97
71) Phenanthrene	17.272	178	850190	59.544	ng		100
72) Anthracene	17.366	178	855662	60.267	ng		98
73) Carbazole	17.630	167	791764	59.729	ng		98
74) Di-n-butylphthalate	18.206	149	978831	62.731	ng		99
75) Fluoranthene	19.281	202	998035	57.980	ng		99
77) Benzidine	19.469	184	240411	63.973	ng		98
78) Pyrene	19.645	202	1035908	60.030	ng		99
80) Butylbenzylphthalate	20.544	149	403606	61.244	ng		97
81) Benzo(a)anthracene	21.449	228	1051558	61.323	ng		98
82) 3,3'-Dichlorobenzidine	21.367	252	349935	63.055	ng		99
83) Chrysene	21.514	228	1044616	61.078	ng		99
84) Bis(2-ethylhexyl)phtha...	21.384	149	633796	68.341	ng		98
85) Di-n-octyl phthalate	22.530	149	1075085	67.209	ng		100
87) Indeno(1,2,3-cd)pyrene	27.889	276	1198276	61.921	ng		99
88) Benzo(b)fluoranthene	23.535	252	1054170	60.290	ng		98
89) Benzo(k)fluoranthene	23.599	252	1070595	61.033	ng		100
90) Benzo(a)pyrene	24.346	252	947608	60.853	ng		98
91) Dibenzo(a,h)anthracene	27.953	278	974276	60.728	ng		98
92) Benzo(g,h,i)perylene	28.964	276	1002330	60.851	ng		96

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

ICAL Form

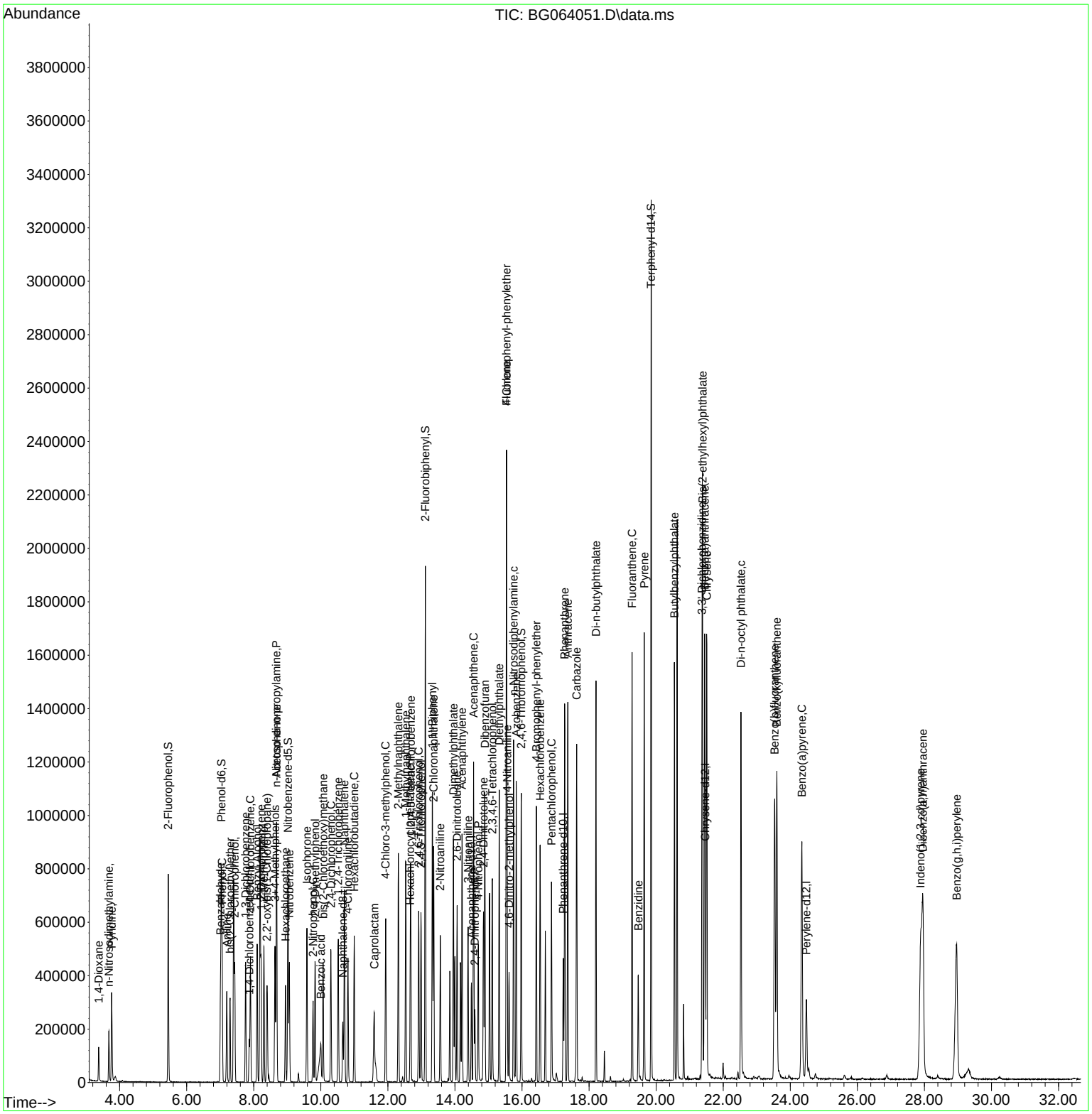
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064051.D
Acq On : 5 Mar 2025 13:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 05 15:25:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064052.D
Acq On : 5 Mar 2025 13:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	38973	20.000	ng		0.00
21) Naphthalene-d8	10.656	136	174562	20.000	ng		0.00
39) Acenaphthene-d10	14.493	164	119753	20.000	ng		0.00
64) Phenanthrene-d10	17.231	188	261353	20.000	ng		0.00
76) Chrysene-d12	21.467	240	257789	20.000	ng		0.00
86) Perylene-d12	24.481	264	274554	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.456	112	406682	162.936	ng		0.00
7) Phenol-d6	7.037	99	562221	165.580	ng		0.00
23) Nitrobenzene-d5	9.029	82	570757	180.687	ng		0.01
42) 2,4,6-Tribromophenol	15.979	330	230590	173.228	ng		0.00
45) 2-Fluorobiphenyl	13.118	172	1198476	151.908	ng		0.00
79) Terphenyl-d14	19.857	244	1912762	150.030	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	86434	76.411	ng		97
3) Pyridine	3.770	79	194608	70.740	ng		99
4) n-Nitrosodimethylamine	3.682	42	166554	84.738	ng		98
6) Aniline	7.196	93	260509	78.188	ng		97
8) 2-Chlorophenol	7.436	128	221296	82.552	ng		96
10) Phenol	7.066	94	287854	82.802	ng		97
11) bis(2-Chloroethyl)ether	7.295	93	217240	79.707	ng		99
12) 1,3-Dichlorobenzene	7.760	146	235126	79.873	ng		96
13) 1,4-Dichlorobenzene	7.901	146	238817	79.149	ng		96
14) 1,2-Dichlorobenzene	8.224	146	233348	80.201	ng		97
15) Benzyl Alcohol	8.106	79	227176	86.581	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.400	45	502220	81.950	ng		99
17) 2-Methylphenol	8.306	107	198161	85.886	ng		98
18) Hexachloroethane	8.946	117	90416	85.647	ng		98
19) n-Nitroso-di-n-propyla...	8.682	70	197732	82.978	ng		96
20) 3+4-Methylphenols	8.641	107	269552	84.861	ng		92
22) Acetophenone	8.688	105	379097	79.207	ng		99
24) Nitrobenzene	9.064	77	285702	87.518	ng		99
25) Isophorone	9.593	82	507481	80.266	ng		96
26) 2-Nitrophenol	9.769	139	102389	79.399	ng		96
27) 2,4-Dimethylphenol	9.834	122	159995	84.413	ng		94
28) bis(2-Chloroethoxy)met...	10.074	93	310803	81.082	ng		99
29) 2,4-Dichlorophenol	10.304	162	208425	87.086	ng		98
30) 1,2,4-Trichlorobenzene	10.521	180	231572	80.151	ng		99
31) Naphthalene	10.709	128	752327	79.925	ng		99
32) Benzoic acid	10.022	122	153536m	81.016	ng		
33) 4-Chloroaniline	10.815	127	281930	81.948	ng		100
34) Hexachlorobutadiene	10.997	225	152146	80.341	ng		98
35) Caprolactam	11.608	113	77479	84.477	ng	#	82
36) 4-Chloro-3-methylphenol	11.937	107	262810	83.772	ng		100
37) 2-Methylnaphthalene	12.313	142	524206	78.886	ng		97
38) 1-Methylnaphthalene	12.536	142	511482	78.566	ng		98
40) 1,2,4,5-Tetrachloroben...	12.683	216	271079	79.289	ng		99
41) Hexachlorocyclopentadiene	12.671	237	87700	91.141	ng		95
43) 2,4,6-Trichlorophenol	12.924	196	175233	86.966	ng		97
44) 2,4,5-Trichlorophenol	12.995	196	197831	88.360	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064052.D
Acq On : 5 Mar 2025 13:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.329	154	706656	78.106	ng		98
47) 2-Chloronaphthalene	13.371	162	528541	80.099	ng		98
48) 2-Nitroaniline	13.570	65	195363	79.407	ng		97
49) Acenaphthylene	14.217	152	822307	78.787	ng		99
50) Dimethylphthalate	13.958	163	695598	78.689	ng		100
51) 2,6-Dinitrotoluene	14.070	165	147719	79.965	ng		98
52) Acenaphthene	14.557	154	540444	76.999	ng		97
53) 3-Nitroaniline	14.399	138	154723	90.561	ng		95
54) 2,4-Dinitrophenol	14.599	184	61808	82.400	ng	#	81
55) Dibenzofuran	14.892	168	874479	77.066	ng		99
56) 4-Nitrophenol	14.698	139	126982	88.621	ng		95
57) 2,4-Dinitrotoluene	14.857	165	203301	79.564	ng	#	97
58) Fluorene	15.539	166	668072	75.593	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.116	232	188307	86.273	ng	#	95
60) Diethylphthalate	15.321	149	758650	79.055	ng		99
61) 4-Chlorophenyl-phenyle...	15.539	204	326141	74.261	ng		91
62) 4-Nitroaniline	15.562	138	159478	86.459	ng		91
63) Azobenzene	15.832	77	787412	76.893	ng		99
65) 4,6-Dinitro-2-methylph...	15.615	198	100338	81.905	ng		96
66) n-Nitrosodiphenylamine	15.750	169	590976	79.884	ng		97
67) 4-Bromophenyl-phenylether	16.432	248	222258	83.033	ng		96
68) Hexachlorobenzene	16.543	284	240907	80.390	ng		98
70) Pentachlorophenol	16.884	266	170842	91.819	ng		98
71) Phenanthrene	17.278	178	1094187	78.492	ng		99
72) Anthracene	17.366	178	1099164	79.297	ng		97
73) Carbazole	17.636	167	999549	77.234	ng		99
74) Di-n-butylphthalate	18.206	149	1263186	82.920	ng		99
75) Fluoranthene	19.287	202	1276040	75.929	ng		99
77) Benzidine	19.463	184	279417	77.211	ng		99
78) Pyrene	19.646	202	1321748	79.539	ng		99
80) Butylbenzylphthalate	20.550	149	517770	80.379	ng		99
81) Benzo(a)anthracene	21.449	228	1325828	80.289	ng		98
82) 3,3'-Dichlorobenzidine	21.367	252	423636	79.269	ng		100
83) Chrysene	21.514	228	1291089	78.391	ng		99
84) Bis(2-ethylhexyl)phtha...	21.385	149	806194	90.273	ng		99
85) Di-n-octyl phthalate	22.530	149	1379517	89.556	ng		99
87) Indeno(1,2,3-cd)pyrene	27.895	276	1530546	83.318	ng		99
88) Benzo(b)fluoranthene	23.541	252	1356996	81.758	ng		98
89) Benzo(k)fluoranthene	23.606	252	1334083	80.120	ng		99
90) Benzo(a)pyrene	24.346	252	1200152	81.191	ng		97
91) Dibenzo(a,h)anthracene	27.959	278	1273882	83.647	ng		98
92) Benzo(g,h,i)perylene	28.970	276	1282909	82.048	ng		98

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

ICAL Form

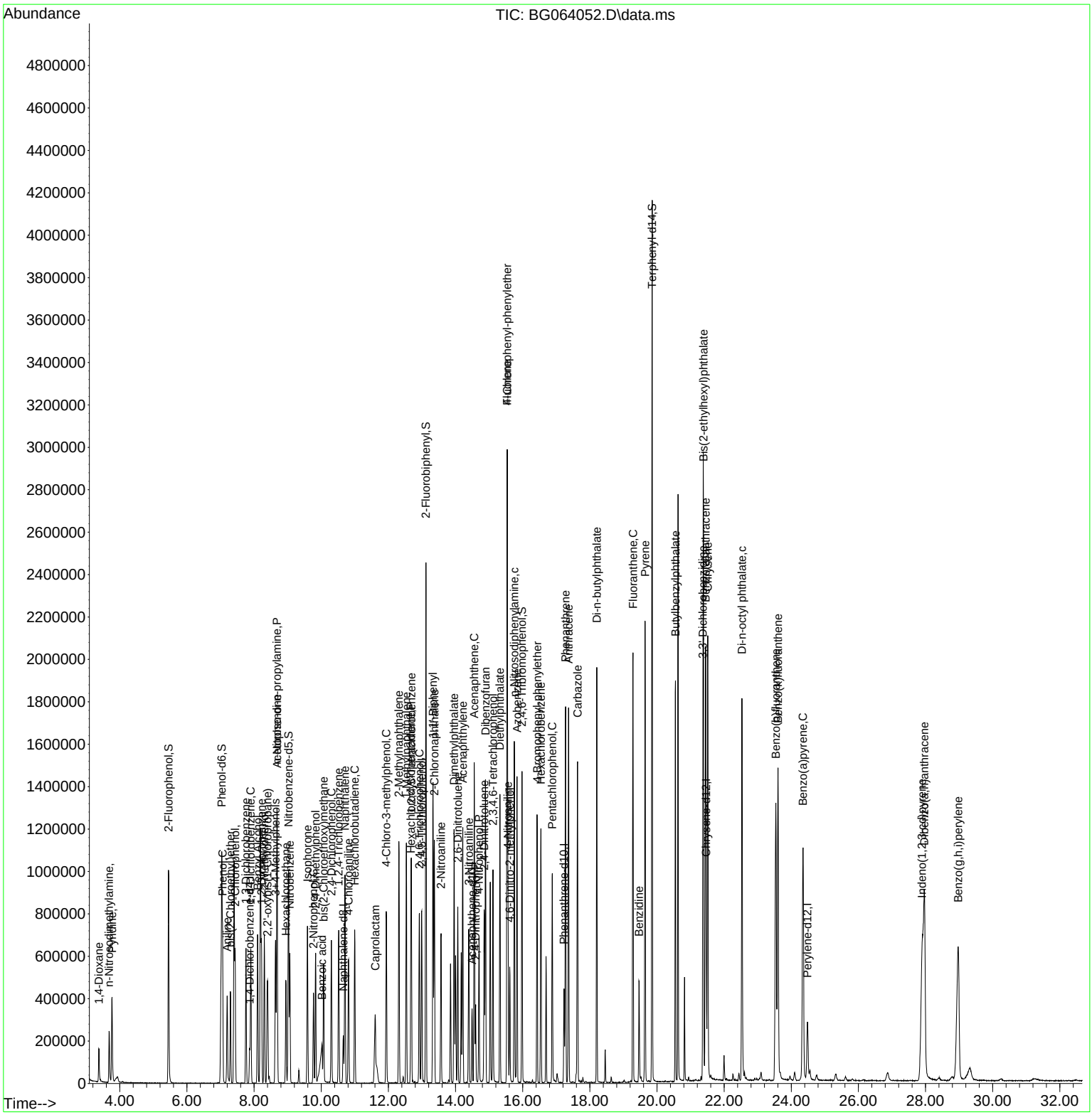
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064052.D
Acq On : 5 Mar 2025 13:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 05 15:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 14:45:06 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	35090	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	145084	20.000	ng	#	0.00
39) Acenaphthene-d10	14.489	164	93726	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	217148	20.000	ng		0.00
76) Chrysene-d12	21.463	240	246166	20.000	ng		0.00
86) Perylene-d12	24.483	264	261789	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	177138	78.823	ng		0.00
7) Phenol-d6	7.021	99	230804	75.496	ng		0.00
23) Nitrobenzene-d5	9.013	82	221265	84.279	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	94089	90.311	ng		0.00
45) 2-Fluorobiphenyl	13.114	172	495129	80.186	ng		0.00
79) Terphenyl-d14	19.853	244	940889	77.284	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.378	88	40961	40.218	ng		97
3) Pyridine	3.760	79	98907	39.931	ng		98
4) n-Nitrosodimethylamine	3.678	42	70753	39.980	ng		94
6) Aniline	7.186	93	112627	37.544	ng		97
8) 2-Chlorophenol	7.426	128	92723	38.417	ng		97
9) Benzaldehyde	6.997	77	67720m	38.087	ng		
10) Phenol	7.050	94	121465	38.806	ng		98
11) bis(2-Chloroethyl)ether	7.285	93	90358	36.822	ng		97
12) 1,3-Dichlorobenzene	7.750	146	97739	36.876	ng		98
13) 1,4-Dichlorobenzene	7.896	146	99638	36.676	ng		98
14) 1,2-Dichlorobenzene	8.214	146	96129	36.695	ng		97
15) Benzyl Alcohol	8.096	79	89828	38.023	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.390	45	201622	36.540	ng		99
17) 2-Methylphenol	8.296	107	78276	37.680	ng		97
18) Hexachloroethane	8.942	117	37454	39.404	ng		97
19) n-Nitroso-di-n-propyla...	8.666	70	76484	35.648	ng		98
20) 3+4-Methylphenols	8.619	107	106291	37.166	ng		95
22) Acetophenone	8.678	105	156271	39.285	ng	#	99
24) Nitrobenzene	9.054	77	114521	42.208	ng		98
25) Isophorone	9.577	82	198754	37.823	ng		97
26) 2-Nitrophenol	9.765	139	36978	40.946	ng		92
27) 2,4-Dimethylphenol	9.824	122	63231	40.139	ng		97
28) bis(2-Chloroethoxy)met...	10.064	93	123038	38.620	ng		99
29) 2,4-Dichlorophenol	10.294	162	81863	41.154	ng		93
30) 1,2,4-Trichlorobenzene	10.517	180	93175	38.802	ng		93
31) Naphthalene	10.699	128	308258	39.402	ng		98
32) Benzoic acid	9.953	122	51607m	37.906	ng		
33) 4-Chloroaniline	10.805	127	114228	39.949	ng		98
34) Hexachlorobutadiene	10.993	225	62517	39.720	ng		99
35) Caprolactam	11.563	113	32080	42.084	ng	#	85
36) 4-Chloro-3-methylphenol	11.927	107	103382	39.649	ng		96
37) 2-Methylnaphthalene	12.309	142	212431	38.463	ng		97
38) 1-Methylnaphthalene	12.532	142	209530	38.724	ng		94
40) 1,2,4,5-Tetrachloroben...	12.679	216	106041	39.630	ng		95
41) Hexachlorocyclopentadiene	12.667	237	33041	43.873	ng		98
43) 2,4,6-Trichlorophenol	12.914	196	66496	42.165	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	74580	42.561	ng		95
46) 1,1'-Biphenyl	13.325	154	284632	40.196	ng		98
47) 2-Chloronaphthalene	13.361	162	208172	40.309	ng		97
48) 2-Nitroaniline	13.560	65	68823	41.405	ng		98
49) Acenaphthylene	14.207	152	331135	40.537	ng		100
50) Dimethylphthalate	13.948	163	274751	39.712	ng		99
51) 2,6-Dinitrotoluene	14.060	165	56243	40.625	ng		99
52) Acenaphthene	14.553	154	221628m	40.428	ng		
53) 3-Nitroaniline	14.389	138	60229	45.042	ng		97
54) 2,4-Dinitrophenol	14.589	184	21627	41.197	ng		86
55) Dibenzofuran	14.888	168	355364	40.014	ng		99
56) 4-Nitrophenol	14.688	139	53310	47.537	ng		96
57) 2,4-Dinitrotoluene	14.847	165	80269	41.944	ng	#	97
58) Fluorene	15.535	166	279465	40.403	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.111	232	73574	43.068	ng		96
60) Diethylphthalate	15.317	149	309434	41.198	ng		99
61) 4-Chlorophenyl-phenyle...	15.535	204	135318	39.367	ng		95
62) 4-Nitroaniline	15.546	138	65797	45.576	ng		91
63) Azobenzene	15.822	77	321688	40.137	ng		99
65) 4,6-Dinitro-2-methylph...	15.611	198	35775	39.817	ng		95
66) n-Nitrosodiphenylamine	15.746	169	241241	39.248	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	88452	39.772	ng		97
68) Hexachlorobenzene	16.539	284	96136	38.611	ng		97
69) Atrazine	16.692	200	69821	38.607	ng		95
70) Pentachlorophenol	16.880	266	66504	43.019	ng		97
71) Phenanthrene	17.274	178	463029	39.978	ng		97
72) Anthracene	17.362	178	463897	40.280	ng		99
73) Carbazole	17.626	167	449805	41.831	ng		99
74) Di-n-butylphthalate	18.208	149	565797	44.702	ng		99
75) Fluoranthene	19.283	202	588493	42.146	ng		97
77) Benzidine	19.465	184	127428	37.383	ng		98
78) Pyrene	19.641	202	608668	38.357	ng		99
80) Butylbenzylphthalate	20.546	149	238653	40.680	ng		96
81) Benzo(a)anthracene	21.445	228	624403	39.598	ng		98
82) 3,3'-Dichlorobenzidine	21.369	252	209761	41.103	ng		99
83) Chrysene	21.504	228	611410	38.876	ng		99
84) Bis(2-ethylhexyl)phtha...	21.381	149	379928	44.551	ng		99
85) Di-n-octyl phthalate	22.532	149	627920	42.688	ng		100
87) Indeno(1,2,3-cd)pyrene	27.885	276	699194	39.918	ng		100
88) Benzo(b)fluoranthene	23.531	252	615644	38.901	ng		99
89) Benzo(k)fluoranthene	23.596	252	620446	39.079	ng		98
90) Benzo(a)pyrene	24.342	252	546383	38.765	ng		99
91) Dibenzo(a,h)anthracene	27.949	278	583198	40.162	ng		98
92) Benzo(g,h,i)perylene	28.936	276	592494	39.740	ng		98

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

ICAL Form

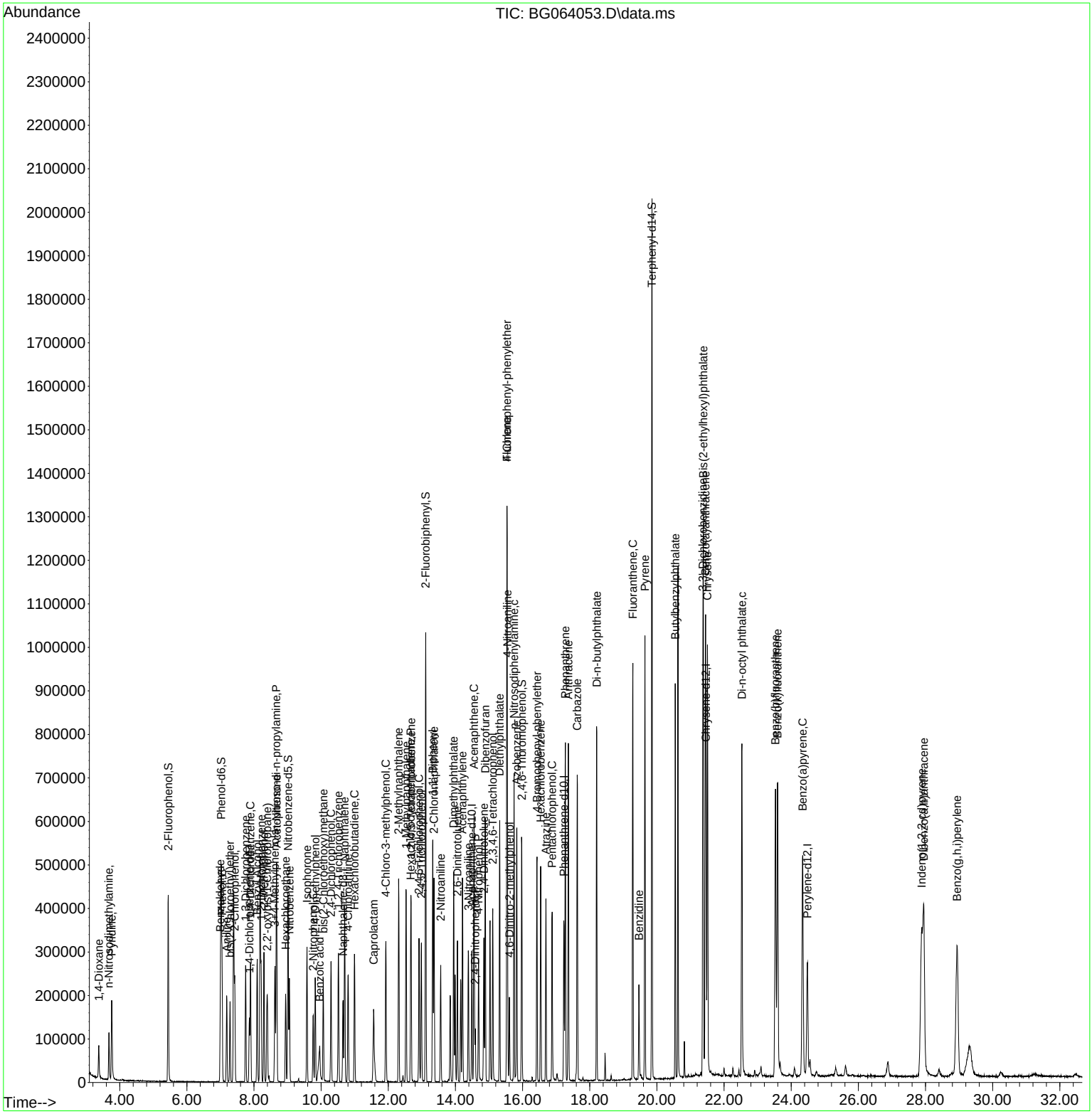
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2025
Supervised By :mohammad ahmed 03/07/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
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Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	97	0.00
2		1,4-Dioxane	0.580	0.584	-0.7	97	0.00
3		Pyridine	1.412	1.409	0.2	87	0.00
4		n-Nitrosodimethylamine	1.009	1.008	0.1	92	0.00
5	S	2-Fluorophenol	1.281	1.262	1.5	91	0.00
6		Aniline	1.710	1.605	6.1	86	0.00
7	S	Phenol-d6	1.742	1.644	5.6	86	0.00
8		2-Chlorophenol	1.376	1.321	4.0	89	0.00
9		Benzaldehyde	1.013	0.965	4.7	93	0.00
10	C	Phenol	1.784	1.731	3.0	89	0.00
11		bis(2-Chloroethyl)ether	1.399	1.288	7.9	88	0.00
12		1,3-Dichlorobenzene	1.511	1.393	7.8	88	0.00
13	C	1,4-Dichlorobenzene	1.548	1.420	8.3	87	0.00
14		1,2-Dichlorobenzene	1.493	1.370	8.2	88	0.00
15		Benzyl Alcohol	1.346	1.280	4.9	87	0.00
16		2,2'-oxybis(1-Chloropropane	3.145	2.873	8.6	85	0.00
17		2-Methylphenol	1.184	1.115	5.8	85	0.00
18		Hexachloroethane	0.542	0.534	1.5	90	0.00
19	P	n-Nitroso-di-n-propylamine	1.223	1.090	10.9	80	0.00
20		3+4-Methylphenols	1.630	1.515	7.1	86	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22		Acetophenone	0.548	0.539	1.6	83	0.00
23	S	Nitrobenzene-d5	0.362	0.381	-5.2	86	0.00
24		Nitrobenzene	0.374	0.395	-5.6	86	0.00
25		Isophorone	0.724	0.685	5.4	80	0.00
26	C	2-Nitrophenol	0.112	0.127	-13.4	91	0.00
27		2,4-Dimethylphenol	0.217	0.218	-0.5	83	0.00
28		bis(2-Chloroethoxy)methane	0.439	0.424	3.4	83	0.00
29	C	2,4-Dichlorophenol	0.274	0.282	-2.9	86	0.00
30		1,2,4-Trichlorobenzene	0.331	0.321	3.0	84	0.00
31		Naphthalene	1.078	1.062	1.5	86	0.00
32		Benzoic acid	0.170	0.178	-4.7	90	-0.02
33		4-Chloroaniline	0.394	0.394	0.0	82	0.00
34	C	Hexachlorobutadiene	0.217	0.215	0.9	86	0.00
35		Caprolactam	0.105	0.111	-5.7	87	-0.02
36	C	4-Chloro-3-methylphenol	0.359	0.356	0.8	83	0.00
37		2-Methylnaphthalene	0.761	0.732	3.8	84	0.00
38		1-Methylnaphthalene	0.746	0.722	3.2	83	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	83	0.00
40		1,2,4,5-Tetrachlorobenzene	0.571	0.566	0.9	80	0.00
41	P	Hexachlorocyclopentadiene	0.161	0.176	-9.3	83	0.00
42	S	2,4,6-Tribromophenol	0.222	0.251	-13.1	86	0.00
43	C	2,4,6-Trichlorophenol	0.337	0.355	-5.3	82	0.00
44		2,4,5-Trichlorophenol	0.374	0.398	-6.4	81	0.00
45	S	2-Fluorobiphenyl	1.318	1.321	-0.2	80	0.00
46		1,1'-Biphenyl	1.511	1.518	-0.5	82	0.00
47		2-Chloronaphthalene	1.102	1.111	-0.8	81	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	0.318	0.367	-15.4	87	0.00
49		Acenaphthylene	1.743	1.767	-1.4	82	0.00
50		Dimethylphthalate	1.476	1.466	0.7	80	0.00
51		2,6-Dinitrotoluene	0.261	0.300	-14.9	85	0.00
52	C	Acenaphthene	1.170	1.182	-1.0	82	0.00
53		3-Nitroaniline	0.285	0.321	-12.6	84	0.00
54	P	2,4-Dinitrophenol	0.102	0.115	-12.7	95	0.00
55		Dibenzofuran	1.895	1.896	-0.1	81	0.00
56	P	4-Nitrophenol	0.239	0.284	-18.8	91	0.00
57		2,4-Dinitrotoluene	0.357	0.428	-19.9	88	0.00
58		Fluorene	1.476	1.491	-1.0	83	0.00
59		2,3,4,6-Tetrachlorophenol	0.365	0.392	-7.4	82	0.00
60		Diethylphthalate	1.603	1.651	-3.0	82	0.00
61		4-Chlorophenyl-phenylether	0.733	0.722	1.5	81	0.00
62		4-Nitroaniline	0.308	0.351	-14.0	84	0.00
63		Azobenzene	1.710	1.716	-0.4	81	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	0.076	0.082	-7.9	93	0.00
66	c	n-Nitrosodiphenylamine	0.566	0.555	1.9	80	0.00
67		4-Bromophenyl-phenylether	0.205	0.204	0.5	81	0.00
68		Hexachlorobenzene	0.229	0.221	3.5	81	0.00
69		Atrazine	0.167	0.161	3.6	84	0.00
70	C	Pentachlorophenol	0.142	0.153	-7.7	86	0.00
71		Phenanthrene	1.067	1.066	0.1	83	0.00
72		Anthracene	1.061	1.068	-0.7	82	0.00
73		Carbazole	0.990	1.036	-4.6	84	0.00
74		Di-n-butylphthalate	1.166	1.303	-11.7	87	0.00
75	C	Fluoranthene	1.286	1.355	-5.4	86	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	90	0.00
77		Benzidine	0.277	0.259	6.5	75	0.00
78		Pyrene	1.289	1.236	4.1	85	0.00
79	S	Terphenyl-d14	0.989	0.956	3.3	86	0.00
80		Butylbenzylphthalate	0.423	0.485	-14.7	94	0.00
81		Benzo(a)anthracene	1.281	1.268	1.0	88	0.00
82		3,3'-Dichlorobenzidine	0.415	0.426	-2.7	86	0.00
83		Chrysene	1.278	1.242	2.8	86	0.00
84		Bis(2-ethylhexyl)phthalate	0.693	0.772	-11.4	92	0.00
85	c	Di-n-octyl phthalate	1.195	1.275	-6.7	93	0.00
86	I	Perylene-d12	1.000	1.000	0.0	90	0.00
87		Indeno(1,2,3-cd)pyrene	1.338	1.335	0.2	88	0.00
88		Benzo(b)fluoranthene	1.209	1.176	2.7	87	0.00
89		Benzo(k)fluoranthene	1.213	1.185	2.3	85	0.00
90	C	Benzo(a)pyrene	1.077	1.044	3.1	85	0.00
91		Dibenzo(a,h)anthracene	1.109	1.114	-0.5	89	0.00
92		Benzo(g,h,i)perylene	1.139	1.132	0.6	89	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
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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	97	0.00
2		1,4-Dioxane	40.000	40.218	-0.5	97	0.00
3		Pyridine	40.000	39.931	0.2	87	0.00
4		n-Nitrosodimethylamine	40.000	39.980	0.1	92	0.00
5	S	2-Fluorophenol	80.000	78.823	1.5	91	0.00
6		Aniline	40.000	37.544	6.1	86	0.00
7	S	Phenol-d6	80.000	75.496	5.6	86	0.00
8		2-Chlorophenol	40.000	38.417	4.0	89	0.00
9		Benzaldehyde	40.000	38.087	4.8	93	0.00
10	C	Phenol	40.000	38.806	3.0	89	0.00
11		bis(2-Chloroethyl)ether	40.000	36.822	7.9	88	0.00
12		1,3-Dichlorobenzene	40.000	36.876	7.8	88	0.00
13	C	1,4-Dichlorobenzene	40.000	36.676	8.3	87	0.00
14		1,2-Dichlorobenzene	40.000	36.695	8.3	88	0.00
15		Benzyl Alcohol	40.000	38.023	4.9	87	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.540	8.7	85	0.00
17		2-Methylphenol	40.000	37.680	5.8	85	0.00
18		Hexachloroethane	40.000	39.404	1.5	90	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	35.648	10.9	80	0.00
20		3+4-Methylphenols	40.000	37.166	7.1	86	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22		Acetophenone	40.000	39.285	1.8	83	0.00
23	S	Nitrobenzene-d5	80.000	84.279	-5.3	86	0.00
24		Nitrobenzene	40.000	42.208	-5.5	86	0.00
25		Isophorone	40.000	37.823	5.4	80	0.00
26	C	2-Nitrophenol	40.000	40.946	-2.4	91	0.00
27		2,4-Dimethylphenol	40.000	40.139	-0.3	83	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.620	3.5	83	0.00
29	C	2,4-Dichlorophenol	40.000	41.154	-2.9	86	0.00
30		1,2,4-Trichlorobenzene	40.000	38.802	3.0	84	0.00
31		Naphthalene	40.000	39.402	1.5	86	0.00
32		Benzoic acid	40.000	37.906	5.2	90	-0.02
33		4-Chloroaniline	40.000	39.949	0.1	82	0.00
34	C	Hexachlorobutadiene	40.000	39.720	0.7	86	0.00
35		Caprolactam	40.000	42.084	-5.2	87	-0.02
36	C	4-Chloro-3-methylphenol	40.000	39.649	0.9	83	0.00
37		2-Methylnaphthalene	40.000	38.463	3.8	84	0.00
38		1-Methylnaphthalene	40.000	38.724	3.2	83	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	83	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.630	0.9	80	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.873	-9.7	83	0.00
42	S	2,4,6-Tribromophenol	80.000	90.311	-12.9	86	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.165	-5.4	82	0.00
44		2,4,5-Trichlorophenol	40.000	42.561	-6.4	81	0.00
45	S	2-Fluorobiphenyl	80.000	80.186	-0.2	80	0.00
46		1,1'-Biphenyl	40.000	40.196	-0.5	82	0.00
47		2-Chloronaphthalene	40.000	40.309	-0.8	81	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	41.405	-3.5	87	0.00
49		Acenaphthylene	40.000	40.537	-1.3	82	0.00
50		Dimethylphthalate	40.000	39.712	0.7	80	0.00
51		2,6-Dinitrotoluene	40.000	40.625	-1.6	85	0.00
52	C	Acenaphthene	40.000	40.428	-1.1	82	0.00
53		3-Nitroaniline	40.000	45.042	-12.6	84	0.00
54	P	2,4-Dinitrophenol	40.000	41.197	-3.0	95	0.00
55		Dibenzofuran	40.000	40.014	-0.0	81	0.00
56	P	4-Nitrophenol	40.000	47.537	-18.8	91	0.00
57		2,4-Dinitrotoluene	40.000	41.944	-4.9	88	0.00
58		Fluorene	40.000	40.403	-1.0	83	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	43.068	-7.7	82	0.00
60		Diethylphthalate	40.000	41.198	-3.0	82	0.00
61		4-Chlorophenyl-phenylether	40.000	39.367	1.6	81	0.00
62		4-Nitroaniline	40.000	45.576	-13.9	84	0.00
63		Azobenzene	40.000	40.137	-0.3	81	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.817	0.5	93	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.248	1.9	80	0.00
67		4-Bromophenyl-phenylether	40.000	39.772	0.6	81	0.00
68		Hexachlorobenzene	40.000	38.611	3.5	81	0.00
69		Atrazine	40.000	38.607	3.5	84	0.00
70	C	Pentachlorophenol	40.000	43.019	-7.5	86	0.00
71		Phenanthrene	40.000	39.978	0.1	83	0.00
72		Anthracene	40.000	40.280	-0.7	82	0.00
73		Carbazole	40.000	41.831	-4.6	84	0.00
74		Di-n-butylphthalate	40.000	44.702	-11.8	87	0.00
75	C	Fluoranthene	40.000	42.146	-5.4	86	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	90	0.00
77		Benzidine	40.000	37.383	6.5	75	0.00
78		Pyrene	40.000	38.357	4.1	85	0.00
79	S	Terphenyl-d14	80.000	77.284	3.4	86	0.00
80		Butylbenzylphthalate	40.000	40.680	-1.7	94	0.00
81		Benzo(a)anthracene	40.000	39.598	1.0	88	0.00
82		3,3'-Dichlorobenzidine	40.000	41.103	-2.8	86	0.00
83		Chrysene	40.000	38.876	2.8	86	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.551	-11.4	92	0.00
85	c	Di-n-octyl phthalate	40.000	42.688	-6.7	93	0.00
86	I	Perylene-d12	20.000	20.000	0.0	90	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.918	0.2	88	0.00
88		Benzo(b)fluoranthene	40.000	38.901	2.7	87	0.00
89		Benzo(k)fluoranthene	40.000	39.079	2.3	85	0.00
90	C	Benzo(a)pyrene	40.000	38.765	3.1	85	0.00
91		Dibenzo(a,h)anthracene	40.000	40.162	-0.4	89	0.00
92		Benzo(g,h,i)perylene	40.000	39.740	0.6	89	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064053.D
Acq On : 5 Mar 2025 15:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG030525

Quant Time: Mar 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1666 SAS No.: Q1666 SDG No.: Q1666

Instrument ID: BNA_G Calibration Date/Time: 04/01/2025 11:38

Lab File ID: BG064130.D Init. Calib. Date(s): 03/05/2025 03/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:02 13:44

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.281	1.136		-11.3	
Phenol-d6	1.742	1.624		-6.8	
Phenol	1.784	1.651		-7.5	20.0
1,4-Dichlorobenzene	1.548	1.380		-10.9	20.0
Nitrobenzene-d5	0.362	0.374		3.3	
1,2,4-Trichlorobenzene	0.331	0.319		-3.6	
Naphthalene	1.078	1.053		-2.3	
2-Fluorobiphenyl	1.318	1.245		-5.5	
2,4,6-Tribromophenol	0.222	0.244		9.9	
Terphenyl-d14	0.989	0.963		-2.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064130.D
Acq On : 1 Apr 2025 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 16:20:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	35250	20.000	ng		# 0.00
21) Naphthalene-d8	10.649	136	155899	20.000	ng		0.00
39) Acenaphthene-d10	14.485	164	116262	20.000	ng		0.00
64) Phenanthrene-d10	17.223	188	250435	20.000	ng		0.00
76) Chrysene-d12	21.459	240	243510	20.000	ng		0.00
86) Perylene-d12	24.468	264	261203	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.443	112	160201	70.963	ng		0.00
7) Phenol-d6	7.023	99	229050	74.582	ng		0.00
23) Nitrobenzene-d5	9.009	82	233352	82.717	ng		0.00
42) 2,4,6-Tribromophenol	15.972	330	113362	87.719	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	579214	75.620	ng		0.00
79) Terphenyl-d14	19.844	244	938242	77.907	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	32975	32.230	ng		98
3) Pyridine	3.757	79	93009	37.380	ng		98
4) n-Nitrosodimethylamine	3.668	42	68172	38.347	ng		97
6) Aniline	7.188	93	107464	35.660	ng		99
8) 2-Chlorophenol	7.423	128	91416	37.703	ng		96
9) Benzaldehyde	7.000	77	63201	35.384	ng		96
10) Phenol	7.053	94	116391	37.016	ng		95
11) bis(2-Chloroethyl)ether	7.282	93	86813	35.217	ng		94
12) 1,3-Dichlorobenzene	7.752	146	96292	36.166	ng		95
13) 1,4-Dichlorobenzene	7.893	146	97302	35.654	ng		96
14) 1,2-Dichlorobenzene	8.210	146	94732	35.998	ng		96
15) Benzyl Alcohol	8.093	79	93063	39.214	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.392	45	193956	34.992	ng		98
17) 2-Methylphenol	8.298	107	80092	38.379	ng		97
18) Hexachloroethane	8.939	117	37992	39.789	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	80268	37.242	ng		96
20) 3+4-Methylphenols	8.621	107	109774	38.209	ng		96
22) Acetophenone	8.674	105	159617	37.342	ng		98
24) Nitrobenzene	9.050	77	115984	39.782	ng		97
25) Isophorone	9.573	82	207273	36.708	ng		97
26) 2-Nitrophenol	9.761	139	42835	43.512	ng	#	94
27) 2,4-Dimethylphenol	9.820	122	66625	39.359	ng		95
28) bis(2-Chloroethoxy)met...	10.061	93	125512	36.663	ng		98
29) 2,4-Dichlorophenol	10.296	162	88528	41.418	ng		98
30) 1,2,4-Trichlorobenzene	10.513	180	99331	38.496	ng		97
31) Naphthalene	10.696	128	328170	39.038	ng		98
32) Benzoic acid	9.955	122	63312m	42.046	ng		
33) 4-Chloroaniline	10.801	127	125776	40.936	ng		98
34) Hexachlorobutadiene	10.989	225	70156	41.481	ng		96
35) Caprolactam	11.565	113	32340	39.482	ng		95
36) 4-Chloro-3-methylphenol	11.929	107	118211	42.191	ng		99
37) 2-Methylnaphthalene	12.305	142	244694	41.231	ng		97
38) 1-Methylnaphthalene	12.529	142	237894	40.916	ng		99
40) 1,2,4,5-Tetrachloroben...	12.676	216	127341	38.365	ng		100
41) Hexachlorocyclopentadiene	12.658	237	45737	48.959	ng		96
43) 2,4,6-Trichlorophenol	12.911	196	80072	40.932	ng		91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064130.D
Acq On : 1 Apr 2025 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 16:20:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	89010	40.950	ng		98
46) 1,1'-Biphenyl	13.322	154	343299	39.084	ng		98
47) 2-Chloronaphthalene	13.357	162	245574	38.334	ng		98
48) 2-Nitroaniline	13.557	65	86671	41.926	ng		93
49) Acenaphthylene	14.203	152	391003	38.588	ng		99
50) Dimethylphthalate	13.945	163	323722	37.720	ng		99
51) 2,6-Dinitrotoluene	14.056	165	69536	40.502	ng		96
52) Acenaphthene	14.550	154	255324m	37.546	ng		
53) 3-Nitroaniline	14.385	138	69287	41.772	ng		98
54) 2,4-Dinitrophenol	14.585	184	26830	41.200	ng		91
55) Dibenzofuran	14.885	168	418054	37.949	ng		99
56) 4-Nitrophenol	14.685	139	57108	41.052	ng		94
57) 2,4-Dinitrotoluene	14.844	165	95339	40.317	ng	#	97
58) Fluorene	15.531	166	332741	38.780	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.108	232	87645	41.360	ng		94
60) Diethylphthalate	15.314	149	351236	37.699	ng		98
61) 4-Chlorophenyl-phenyle...	15.531	204	165044	38.708	ng		94
62) 4-Nitroaniline	15.543	138	75185	41.984	ng		99
63) Azobenzene	15.819	77	361599	36.371	ng		99
65) 4,6-Dinitro-2-methylph...	15.602	198	46107	43.534	ng		92
66) n-Nitrosodiphenylamine	15.743	169	282830	39.898	ng		98
67) 4-Bromophenyl-phenylether	16.424	248	107461	41.896	ng		98
68) Hexachlorobenzene	16.536	284	113017	39.358	ng		99
69) Atrazine	16.688	200	72915	34.958	ng		96
70) Pentachlorophenol	16.877	266	75747	42.485	ng		95
71) Phenanthrene	17.264	178	513553	38.446	ng		100
72) Anthracene	17.358	178	527940	39.748	ng		99
73) Carbazole	17.623	167	475613	38.352	ng		99
74) Di-n-butylphthalate	18.198	149	580832	39.790	ng		100
75) Fluoranthene	19.280	202	604655	37.548	ng		96
77) Benzidine	19.462	184	185855	55.118	ng		99
78) Pyrene	19.638	202	621219	39.575	ng		99
80) Butylbenzylphthalate	20.537	149	242915	41.752	ng		99
81) Benzo(a)anthracene	21.436	228	617605	39.594	ng		99
82) 3,3'-Dichlorobenzidine	21.359	252	204173	40.444	ng		97
83) Chrysene	21.500	228	589987	37.923	ng		99
84) Bis(2-ethylhexyl)phtha...	21.371	149	369341	43.782	ng		100
85) Di-n-octyl phthalate	22.517	149	627171	43.102	ng		99
87) Indeno(1,2,3-cd)pyrene	27.864	276	692855	39.645	ng		100
88) Benzo(b)fluoranthene	23.522	252	615287	38.965	ng		98
89) Benzo(k)fluoranthene	23.580	252	610202	38.520	ng		100
90) Benzo(a)pyrene	24.327	252	539179	38.340	ng		98
91) Dibenzo(a,h)anthracene	27.928	278	568575	39.243	ng		97
92) Benzo(g,h,i)perylene	28.921	276	578929	38.918	ng		96

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

Sample Results: **BG064130.D**

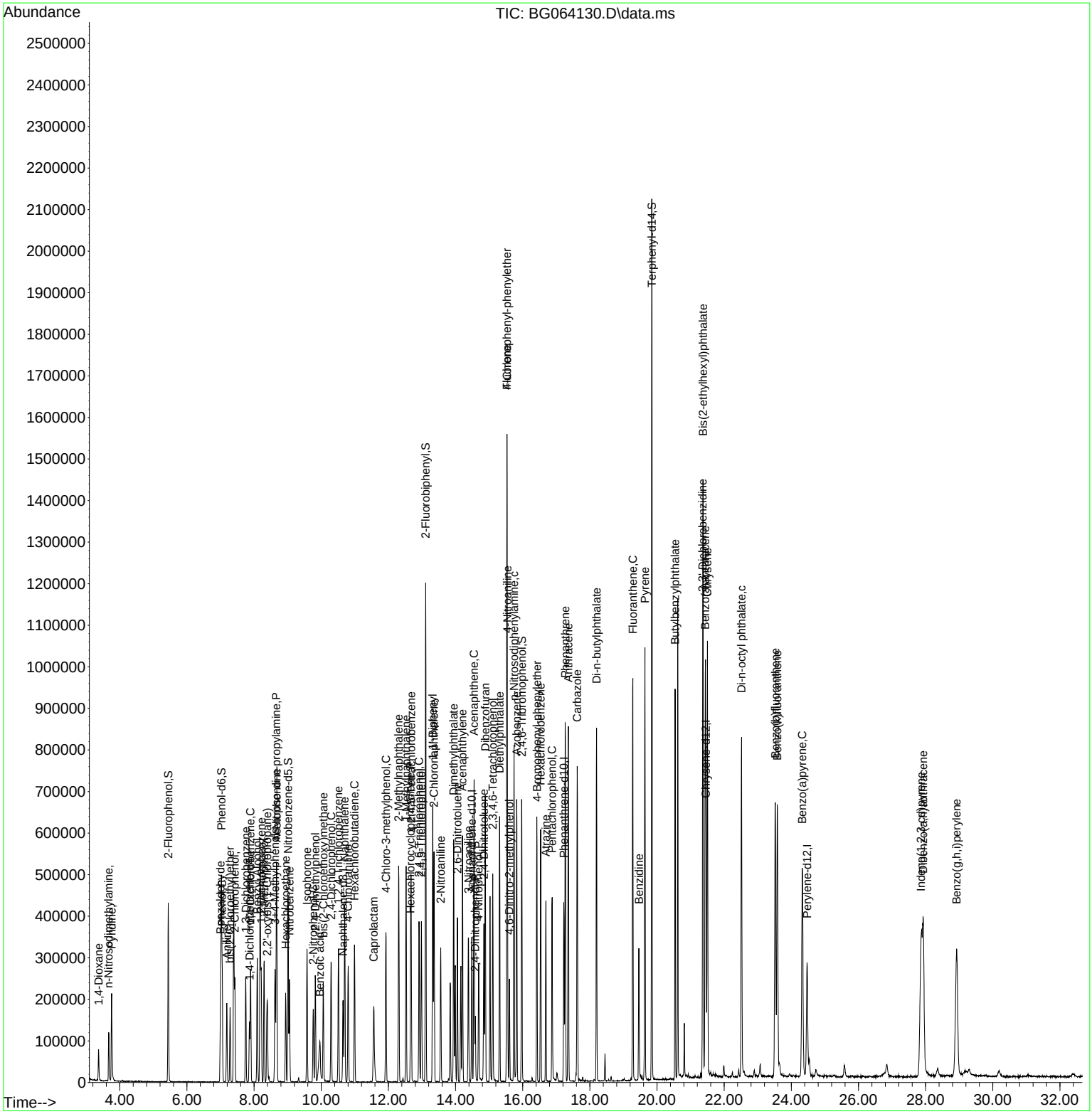
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064130.D
Acq On : 1 Apr 2025 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 16:20:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 04/02/2025
Supervised By :Jagrut Upadhyay 04/02/2025



Sample Results: **BG064130.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064130.D
Acq On : 1 Apr 2025 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 01 16:20:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	98	0.00
2		1,4-Dioxane	0.580	0.468	19.3	78	0.00
3		Pyridine	1.412	1.319	6.6	82	0.00
4		n-Nitrosodimethylamine	1.009	0.967	4.2	89	-0.01
5	S	2-Fluorophenol	1.281	1.136	11.3	82	0.00
6		Aniline	1.710	1.524	10.9	82	0.00
7	S	Phenol-d6	1.742	1.624	6.8	86	0.00
8		2-Chlorophenol	1.376	1.297	5.7	88	0.00
9		Benzaldehyde	1.013	0.896	11.5	87	0.00
10	C	Phenol	1.784	1.651	7.5	86	0.00
11		bis(2-Chloroethyl)ether	1.399	1.231	12.0	85	-0.01
12		1,3-Dichlorobenzene	1.511	1.366	9.6	86	0.00
13	C	1,4-Dichlorobenzene	1.548	1.380	10.9	85	0.00
14		1,2-Dichlorobenzene	1.493	1.344	10.0	86	0.00
15		Benzyl Alcohol	1.346	1.320	1.9	90	0.00
16		2,2'-oxybis(1-Chloropropane	3.145	2.751	12.5	82	0.00
17		2-Methylphenol	1.184	1.136	4.1	87	0.00
18		Hexachloroethane	0.542	0.539	0.6	91	0.00
19	P	n-Nitroso-di-n-propylamine	1.223	1.139	6.9	84	0.00
20		3+4-Methylphenols	1.630	1.557	4.5	89	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22		Acetophenone	0.548	0.512	6.6	85	0.00
23	S	Nitrobenzene-d5	0.362	0.374	-3.3	91	0.00
24		Nitrobenzene	0.374	0.372	0.5	88	0.00
25		Isophorone	0.724	0.665	8.1	84	0.00
26	C	2-Nitrophenol	0.112	0.137	-22.3#	105	0.00
27		2,4-Dimethylphenol	0.217	0.214	1.4	88	0.00
28		bis(2-Chloroethoxy)methane	0.439	0.403	8.2	85	0.00
29	C	2,4-Dichlorophenol	0.274	0.284	-3.6	92	0.00
30		1,2,4-Trichlorobenzene	0.331	0.319	3.6	90	0.00
31		Naphthalene	1.078	1.053	2.3	91	0.00
32		Benzoic acid	0.170	0.203	-19.4	110	-0.02
33		4-Chloroaniline	0.394	0.403	-2.3	91	0.00
34	C	Hexachlorobutadiene	0.217	0.225	-3.7	96	0.00
35		Caprolactam	0.105	0.104	1.0	88	-0.01
36	C	4-Chloro-3-methylphenol	0.359	0.379	-5.6	95	0.00
37		2-Methylnaphthalene	0.761	0.785	-3.2	96	0.00
38		1-Methylnaphthalene	0.746	0.763	-2.3	95	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	0.571	0.548	4.0	96	0.00
41	P	Hexachlorocyclopentadiene	0.161	0.197	-22.4	115	0.00
42	S	2,4,6-Tribromophenol	0.222	0.244	-9.9	104	0.00
43	C	2,4,6-Trichlorophenol	0.337	0.344	-2.1	99	0.00
44		2,4,5-Trichlorophenol	0.374	0.383	-2.4	97	0.00
45	S	2-Fluorobiphenyl	1.318	1.245	5.5	93	0.00
46		1,1'-Biphenyl	1.511	1.476	2.3	98	0.00
47		2-Chloronaphthalene	1.102	1.056	4.2	96	0.00

Sample Results: **BG064130.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064130.D
Acq On : 1 Apr 2025 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 01 16:20:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	0.318	0.373	-17.3	110	0.00
49		Acenaphthylene	1.743	1.682	3.5	96	0.00
50		Dimethylphthalate	1.476	1.392	5.7	94	0.00
51		2,6-Dinitrotoluene	0.261	0.299	-14.6	105	0.00
52	C	Acenaphthene	1.170	1.098	6.2	95	0.00
53		3-Nitroaniline	0.285	0.298	-4.6	97	0.00
54	P	2,4-Dinitrophenol	0.102	0.115	-12.7	118	0.00
55		Dibenzofuran	1.895	1.798	5.1	95	0.00
56	P	4-Nitrophenol	0.239	0.246	-2.9	98	0.00
57		2,4-Dinitrotoluene	0.357	0.410	-14.8	104	0.00
58		Fluorene	1.476	1.431	3.0	99	0.00
59		2,3,4,6-Tetrachlorophenol	0.365	0.377	-3.3	98	0.00
60		Diethylphthalate	1.603	1.511	5.7	93	0.00
61		4-Chlorophenyl-phenylether	0.733	0.710	3.1	99	0.00
62		4-Nitroaniline	0.308	0.323	-4.9	96	0.00
63		Azobenzene	1.710	1.555	9.1	91	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	0.076	0.092	-21.1	119	0.00
66	c	n-Nitrosodiphenylamine	0.566	0.565	0.2	94	0.00
67		4-Bromophenyl-phenylether	0.205	0.215	-4.9	99	0.00
68		Hexachlorobenzene	0.229	0.226	1.3	95	0.00
69		Atrazine	0.167	0.146	12.6	88	0.00
70	C	Pentachlorophenol	0.142	0.151	-6.3	98	0.00
71		Phenanthrene	1.067	1.025	3.9	92	0.00
72		Anthracene	1.061	1.054	0.7	94	0.00
73		Carbazole	0.990	0.950	4.0	89	0.00
74		Di-n-butylphthalate	1.166	1.160	0.5	89	0.00
75	C	Fluoranthene	1.286	1.207	6.1	88	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	89	0.00
77		Benzidine	0.277	0.382	-37.9#	109	0.00
78		Pyrene	1.289	1.276	1.0	87	0.00
79	S	Terphenyl-d14	0.989	0.963	2.6	86	0.00
80		Butylbenzylphthalate	0.423	0.499	-18.0	96	0.00
81		Benzo(a)anthracene	1.281	1.268	1.0	87	0.00
82		3,3'-Dichlorobenzidine	0.415	0.419	-1.0	83	0.00
83		Chrysene	1.278	1.211	5.2	83	0.00
84		Bis(2-ethylhexyl)phthalate	0.693	0.758	-9.4	89	0.00
85	c	Di-n-octyl phthalate	1.195	1.288	-7.8	93	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	90	0.00
87		Indeno(1,2,3-cd)pyrene	1.338	1.326	0.9	87	-0.01
88		Benzo(b)fluoranthene	1.209	1.178	2.6	87	0.00
89		Benzo(k)fluoranthene	1.213	1.168	3.7	84	-0.01
90	C	Benzo(a)pyrene	1.077	1.032	4.2	84	-0.01
91		Dibenzo(a,h)anthracene	1.109	1.088	1.9	87	-0.02
92		Benzo(g,h,i)perylene	1.139	1.108	2.7	87	-0.02

Sample Results: **BG064130.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064130.D
Acq On : 1 Apr 2025 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 01 16:20:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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 = 1

Sample Results: **BG064130.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064130.D
Acq On : 1 Apr 2025 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 01 16:20:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	98	0.00
2		1,4-Dioxane	40.000	32.230	19.4	78	0.00
3		Pyridine	40.000	37.380	6.5	82	0.00
4		n-Nitrosodimethylamine	40.000	38.347	4.1	89	-0.01
5	S	2-Fluorophenol	80.000	70.963	11.3	82	0.00
6		Aniline	40.000	35.660	10.9	82	0.00
7	S	Phenol-d6	80.000	74.582	6.8	86	0.00
8		2-Chlorophenol	40.000	37.703	5.7	88	0.00
9		Benzaldehyde	40.000	35.384	11.5	87	0.00
10	C	Phenol	40.000	37.016	7.5	86	0.00
11		bis(2-Chloroethyl)ether	40.000	35.217	12.0	85	-0.01
12		1,3-Dichlorobenzene	40.000	36.166	9.6	86	0.00
13	C	1,4-Dichlorobenzene	40.000	35.654	10.9	85	0.00
14		1,2-Dichlorobenzene	40.000	35.998	10.0	86	0.00
15		Benzyl Alcohol	40.000	39.214	2.0	90	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	34.992	12.5	82	0.00
17		2-Methylphenol	40.000	38.379	4.1	87	0.00
18		Hexachloroethane	40.000	39.789	0.5	91	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.242	6.9	84	0.00
20		3+4-Methylphenols	40.000	38.209	4.5	89	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22		Acetophenone	40.000	37.342	6.6	85	0.00
23	S	Nitrobenzene-d5	80.000	82.717	-3.4	91	0.00
24		Nitrobenzene	40.000	39.782	0.5	88	0.00
25		Isophorone	40.000	36.708	8.2	84	0.00
26	C	2-Nitrophenol	40.000	43.512	-8.8	105	0.00
27		2,4-Dimethylphenol	40.000	39.359	1.6	88	0.00
28		bis(2-Chloroethoxy)methane	40.000	36.663	8.3	85	0.00
29	C	2,4-Dichlorophenol	40.000	41.418	-3.5	92	0.00
30		1,2,4-Trichlorobenzene	40.000	38.496	3.8	90	0.00
31		Naphthalene	40.000	39.038	2.4	91	0.00
32		Benzoic acid	40.000	42.046	-5.1	110	-0.02
33		4-Chloroaniline	40.000	40.936	-2.3	91	0.00
34	C	Hexachlorobutadiene	40.000	41.481	-3.7	96	0.00
35		Caprolactam	40.000	39.482	1.3	88	-0.01
36	C	4-Chloro-3-methylphenol	40.000	42.191	-5.5	95	0.00
37		2-Methylnaphthalene	40.000	41.231	-3.1	96	0.00
38		1-Methylnaphthalene	40.000	40.916	-2.3	95	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.365	4.1	96	0.00
41	P	Hexachlorocyclopentadiene	40.000	48.959	-22.4	115	0.00
42	S	2,4,6-Tribromophenol	80.000	87.719	-9.6	104	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.932	-2.3	99	0.00
44		2,4,5-Trichlorophenol	40.000	40.950	-2.4	97	0.00
45	S	2-Fluorobiphenyl	80.000	75.620	5.5	93	0.00
46		1,1'-Biphenyl	40.000	39.084	2.3	98	0.00
47		2-Chloronaphthalene	40.000	38.334	4.2	96	0.00

Sample Results: **BG064130.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064130.D
Acq On : 1 Apr 2025 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 01 16:20:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	41.926	-4.8	110	0.00
49		Acenaphthylene	40.000	38.588	3.5	96	0.00
50		Dimethylphthalate	40.000	37.720	5.7	94	0.00
51		2,6-Dinitrotoluene	40.000	40.502	-1.3	105	0.00
52	C	Acenaphthene	40.000	37.546	6.1	95	0.00
53		3-Nitroaniline	40.000	41.772	-4.4	97	0.00
54	P	2,4-Dinitrophenol	40.000	41.200	-3.0	118	0.00
55		Dibenzofuran	40.000	37.949	5.1	95	0.00
56	P	4-Nitrophenol	40.000	41.052	-2.6	98	0.00
57		2,4-Dinitrotoluene	40.000	40.317	-0.8	104	0.00
58		Fluorene	40.000	38.780	3.0	99	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.360	-3.4	98	0.00
60		Diethylphthalate	40.000	37.699	5.8	93	0.00
61		4-Chlorophenyl-phenylether	40.000	38.708	3.2	99	0.00
62		4-Nitroaniline	40.000	41.984	-5.0	96	0.00
63		Azobenzene	40.000	36.371	9.1	91	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65		4,6-Dinitro-2-methylphenol	40.000	43.534	-8.8	119	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.898	0.3	94	0.00
67		4-Bromophenyl-phenylether	40.000	41.896	-4.7	99	0.00
68		Hexachlorobenzene	40.000	39.358	1.6	95	0.00
69		Atrazine	40.000	34.958	12.6	88	0.00
70	C	Pentachlorophenol	40.000	42.485	-6.2	98	0.00
71		Phenanthrene	40.000	38.446	3.9	92	0.00
72		Anthracene	40.000	39.748	0.6	94	0.00
73		Carbazole	40.000	38.352	4.1	89	0.00
74		Di-n-butylphthalate	40.000	39.790	0.5	89	0.00
75	C	Fluoranthene	40.000	37.548	6.1	88	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	89	0.00
77		Benzidine	40.000	55.118	-37.8#	109	0.00
78		Pyrene	40.000	39.575	1.1	87	0.00
79	S	Terphenyl-d14	80.000	77.907	2.6	86	0.00
80		Butylbenzylphthalate	40.000	41.752	-4.4	96	0.00
81		Benzo(a)anthracene	40.000	39.594	1.0	87	0.00
82		3,3'-Dichlorobenzidine	40.000	40.444	-1.1	83	0.00
83		Chrysene	40.000	37.923	5.2	83	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	43.782	-9.5	89	0.00
85	c	Di-n-octyl phthalate	40.000	43.102	-7.8	93	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	90	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.645	0.9	87	-0.01
88		Benzo(b)fluoranthene	40.000	38.965	2.6	87	0.00
89		Benzo(k)fluoranthene	40.000	38.520	3.7	84	-0.01
90	C	Benzo(a)pyrene	40.000	38.340	4.1	84	-0.01
91		Dibenzo(a,h)anthracene	40.000	39.243	1.9	87	-0.02
92		Benzo(g,h,i)perylene	40.000	38.918	2.7	87	-0.02

Sample Results: **BG064130.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064130.D
Acq On : 1 Apr 2025 11:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 01 16:20:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q1666 SAS No.: Q1666 SDG No.: Q1666

Instrument ID: BNA_G Calibration Date/Time: 04/03/2025 13:04

Lab File ID: BG064164.D Init. Calib. Date(s): 03/05/2025 03/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:02 13:44

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.281	1.216		-5.1	
Phenol-d6	1.742	1.737		-0.3	
Phenol	1.784	1.707		-4.3	20.0
1,4-Dichlorobenzene	1.548	1.451		-6.3	20.0
Nitrobenzene-d5	0.362	0.386		6.6	
1,2,4-Trichlorobenzene	0.331	0.325		-1.8	
Naphthalene	1.078	1.071		-0.6	
2-Fluorobiphenyl	1.318	1.287		-2.4	
2,4,6-Tribromophenol	0.222	0.261		17.6	
Terphenyl-d14	0.989	0.970		-1.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064164.D
Acq On : 3 Apr 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 13:40:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio

04/04/2025
Supervised By :Jagrut Upadhyay

04/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.856	152	32960	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	151982	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	113011	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	257861	20.000	ng		0.00
76) Chrysene-d12	21.457	240	259274	20.000	ng		0.00
86) Perylene-d12	24.471	264	274699	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.447	112	160341	75.960	ng		0.00
7) Phenol-d6	7.027	99	229007	79.749	ng		0.00
23) Nitrobenzene-d5	9.013	82	234949	85.429	ng		0.00
42) 2,4,6-Tribromophenol	15.970	330	117878	93.837	ng		0.00
45) 2-Fluorobiphenyl	13.108	172	581791	78.142	ng		0.00
79) Terphenyl-d14	19.847	244	1005500	78.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.367	88	33853	35.387	ng		98
3) Pyridine	3.755	79	81588	35.068	ng		96
4) n-Nitrosodimethylamine	3.672	42	61558	37.032	ng		90
6) Aniline	7.192	93	104630	37.132	ng		96
8) 2-Chlorophenol	7.427	128	89545	39.498	ng		97
9) Benzaldehyde	7.004	77	61316	36.714	ng		97
10) Phenol	7.051	94	112526	38.273	ng		97
11) bis(2-Chloroethyl)ether	7.286	93	83800	36.356	ng		98
12) 1,3-Dichlorobenzene	7.750	146	94134	37.811	ng		96
13) 1,4-Dichlorobenzene	7.897	146	95654	37.485	ng		97
14) 1,2-Dichlorobenzene	8.214	146	94758	38.510	ng		96
15) Benzyl Alcohol	8.097	79	95305	42.949	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.390	45	190880	36.829	ng		99
17) 2-Methylphenol	8.296	107	80461	41.235	ng		94
18) Hexachloroethane	8.937	117	37444	41.940	ng		99
19) n-Nitroso-di-n-propyla...	8.661	70	81288	40.336	ng		99
20) 3+4-Methylphenols	8.625	107	108970	40.565	ng		93
22) Acetophenone	8.672	105	158820	38.113	ng		99
24) Nitrobenzene	9.054	77	120042	42.235	ng		97
25) Isophorone	9.577	82	206038	37.430	ng	#	97
26) 2-Nitrophenol	9.765	139	48005	48.689	ng		91
27) 2,4-Dimethylphenol	9.824	122	67506	40.907	ng		99
28) bis(2-Chloroethoxy)met...	10.059	93	127095	38.083	ng		96
29) 2,4-Dichlorophenol	10.294	162	88857	42.643	ng		96
30) 1,2,4-Trichlorobenzene	10.511	180	98879	39.309	ng		96
31) Naphthalene	10.699	128	325532	39.722	ng		99
32) Benzoic acid	9.965	122	76750m	50.168	ng		
33) 4-Chloroaniline	10.799	127	121235	40.475	ng		96
34) Hexachlorobutadiene	10.993	225	66897	40.574	ng		99
35) Caprolactam	11.569	113	33826	42.361	ng		89
36) 4-Chloro-3-methylphenol	11.927	107	120643	44.169	ng		99
37) 2-Methylnaphthalene	12.309	142	242629	41.937	ng		98
38) 1-Methylnaphthalene	12.527	142	238561	42.088	ng		95
40) 1,2,4,5-Tetrachloroben...	12.679	216	125862	39.010	ng		98
41) Hexachlorocyclopentadiene	12.662	237	50540	55.656	ng		98
43) 2,4,6-Trichlorophenol	12.914	196	81723	42.978	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064164.D
Acq On : 3 Apr 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 13:40:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio

04/04/2025

Supervised By :Jagrut Upadhyay

04/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	92850	43.945	ng		97
46) 1,1'-Biphenyl	13.320	154	328066	38.424	ng		99
47) 2-Chloronaphthalene	13.361	162	236288	37.945	ng		95
48) 2-Nitroaniline	13.561	65	89492	44.074	ng		97
49) Acenaphthylene	14.207	152	378041	38.382	ng		100
50) Dimethylphthalate	13.943	163	328899	39.426	ng		100
51) 2,6-Dinitrotoluene	14.060	165	69764	41.696	ng		96
52) Acenaphthene	14.548	154	252698	38.229	ng		97
53) 3-Nitroaniline	14.383	138	70451	43.696	ng		98
54) 2,4-Dinitrophenol	14.589	184	34525	51.990	ng	#	85
55) Dibenzofuran	14.883	168	413808	38.644	ng		97
56) 4-Nitrophenol	14.695	139	59592	44.070	ng		90
57) 2,4-Dinitrotoluene	14.847	165	98910	42.785	ng	#	95
58) Fluorene	15.535	166	328800	39.423	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.030	232	93492	45.389	ng		97
60) Diethylphthalate	15.312	149	367087	40.534	ng		98
61) 4-Chlorophenyl-phenyle...	15.529	204	163185	39.373	ng		93
62) 4-Nitroaniline	15.547	138	77114	44.300	ng		88
63) Azobenzene	15.817	77	369721	38.258	ng		99
65) 4,6-Dinitro-2-methylph...	15.611	198	57696	51.147	ng		94
66) n-Nitrosodiphenylamine	15.741	169	285532	39.119	ng		95
67) 4-Bromophenyl-phenylether	16.422	248	108942	41.251	ng		98
68) Hexachlorobenzene	16.534	284	118452	40.062	ng		96
69) Atrazine	16.686	200	74539	34.708	ng		96
70) Pentachlorophenol	16.874	266	80767	43.996	ng		96
71) Phenanthrene	17.268	178	536739	39.025	ng		99
72) Anthracene	17.356	178	539984	39.484	ng		99
73) Carbazole	17.627	167	501891	39.306	ng		99
74) Di-n-butylphthalate	18.196	149	634185	42.194	ng		100
75) Fluoranthene	19.278	202	642628	38.757	ng		97
77) Benzidine	19.460	184	181482	50.549	ng		99
78) Pyrene	19.642	202	659960	39.487	ng		99
80) Butylbenzylphthalate	20.535	149	283271	45.382	ng		98
81) Benzo(a)anthracene	21.440	228	648901	39.071	ng		99
82) 3,3'-Dichlorobenzidine	21.363	252	225362	41.927	ng		98
83) Chrysene	21.504	228	624492	37.700	ng		99
84) Bis(2-ethylhexyl)phtha...	21.369	149	415542	46.263	ng		99
85) Di-n-octyl phthalate	22.509	149	718709	46.390	ng		98
87) Indeno(1,2,3-cd)pyrene	27.867	276	723995	39.391	ng		98
88) Benzo(b)fluoranthene	23.520	252	664324	40.004	ng		99
89) Benzo(k)fluoranthene	23.590	252	615757	36.961	ng		99
90) Benzo(a)pyrene	24.330	252	580328	39.239	ng		98
91) Dibenzo(a,h)anthracene	27.932	278	610274	40.051	ng		99
92) Benzo(g,h,i)perylene	28.931	276	606526	38.770	ng		94

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

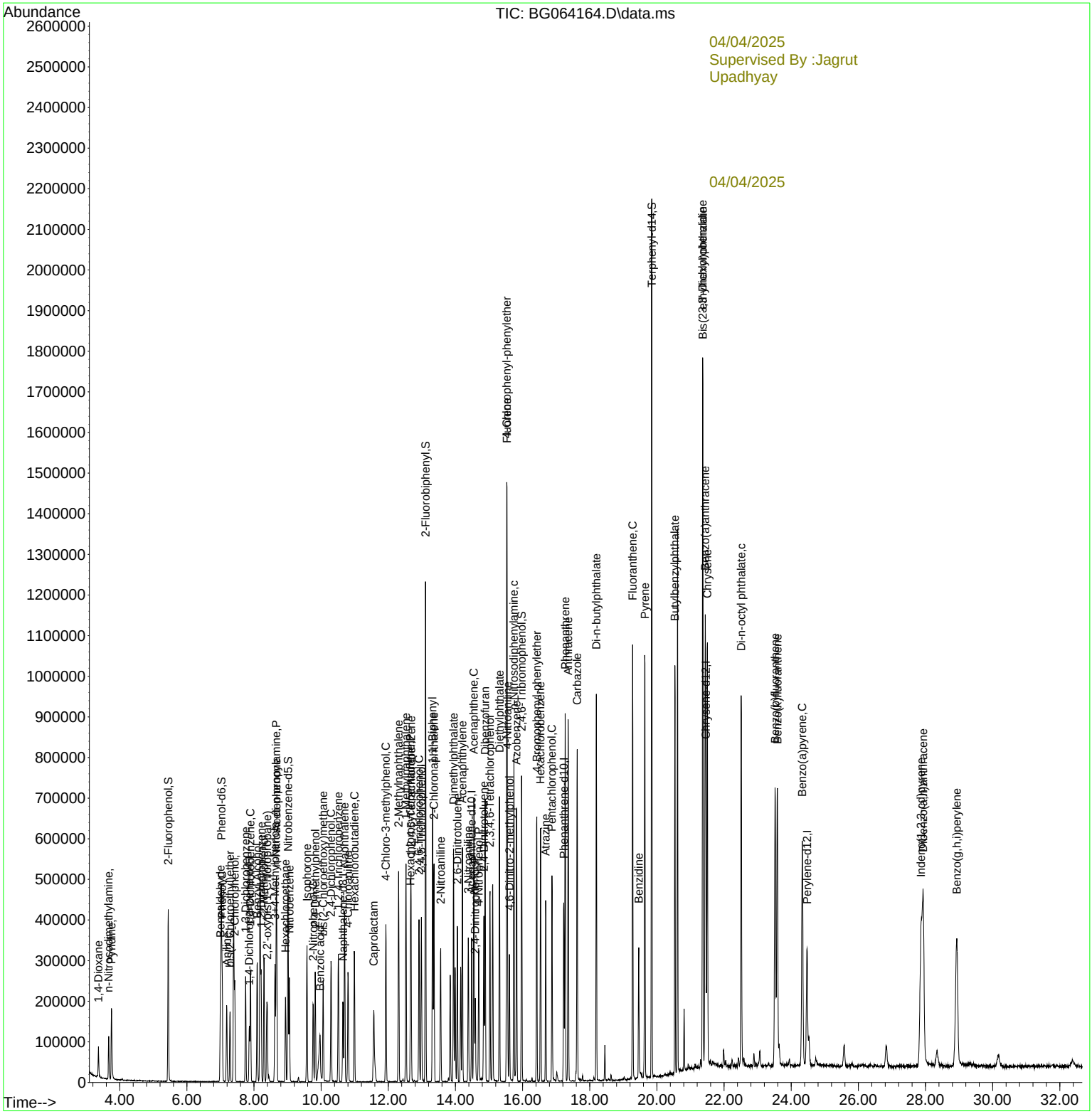
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064164.D
Acq On : 3 Apr 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 03 13:40:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Anahy Claudio



Sample Results: **BG064164.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064164.D
Acq On : 3 Apr 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 03 13:40:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	91	0.00
2		1,4-Dioxane	0.580	0.514	11.4	80	0.00
3		Pyridine	1.412	1.238	12.3	72	0.00
4		n-Nitrosodimethylamine	1.009	0.934	7.4	80	0.00
5	S	2-Fluorophenol	1.281	1.216	5.1	82	0.00
6		Aniline	1.710	1.587	7.2	80	0.00
7	S	Phenol-d6	1.742	1.737	0.3	86	0.00
8		2-Chlorophenol	1.376	1.358	1.3	86	0.00
9		Benzaldehyde	1.013	0.930	8.2	85	0.00
10	C	Phenol	1.784	1.707	4.3	83	0.00
11		bis(2-Chloroethyl)ether	1.399	1.271	9.1	82	0.00
12		1,3-Dichlorobenzene	1.511	1.428	5.5	84	0.00
13	C	1,4-Dichlorobenzene	1.548	1.451	6.3	83	0.00
14		1,2-Dichlorobenzene	1.493	1.437	3.8	86	0.00
15		Benzyl Alcohol	1.346	1.446	-7.4	92	0.00
16		2,2'-oxybis(1-Chloropropane	3.145	2.896	7.9	81	0.00
17		2-Methylphenol	1.184	1.221	-3.1	88	0.00
18		Hexachloroethane	0.542	0.568	-4.8	90	0.00
19	P	n-Nitroso-di-n-propylamine	1.223	1.233	-0.8	85	0.00
20		3+4-Methylphenols	1.630	1.653	-1.4	88	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	91	0.00
22		Acetophenone	0.548	0.522	4.7	85	0.00
23	S	Nitrobenzene-d5	0.362	0.386	-6.6	92	0.00
24		Nitrobenzene	0.374	0.395	-5.6	91	0.00
25		Isophorone	0.724	0.678	6.4	83	0.00
26	C	2-Nitrophenol	0.112	0.158	-41.1#	118	0.00
27		2,4-Dimethylphenol	0.217	0.222	-2.3	89	0.00
28		bis(2-Chloroethoxy)methane	0.439	0.418	4.8	86	0.00
29	C	2,4-Dichlorophenol	0.274	0.292	-6.6	93	0.00
30		1,2,4-Trichlorobenzene	0.331	0.325	1.8	89	0.00
31		Naphthalene	1.078	1.071	0.6	91	0.00
32		Benzoic acid	0.170	0.252	-48.2#	134	0.00
33		4-Chloroaniline	0.394	0.399	-1.3	87	0.00
34	C	Hexachlorobutadiene	0.217	0.220	-1.4	92	0.00
35		Caprolactam	0.105	0.111	-5.7	92	0.00
36	C	4-Chloro-3-methylphenol	0.359	0.397	-10.6	97	0.00
37		2-Methylnaphthalene	0.761	0.798	-4.9	95	0.00
38		1-Methylnaphthalene	0.746	0.785	-5.2	95	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	100	0.00
40		1,2,4,5-Tetrachlorobenzene	0.571	0.557	2.5	95	0.00
41	P	Hexachlorocyclopentadiene	0.161	0.224	-39.1#	128	0.00
42	S	2,4,6-Tribromophenol	0.222	0.261	-17.6	108	0.00
43	C	2,4,6-Trichlorophenol	0.337	0.362	-7.4	101	0.00
44		2,4,5-Trichlorophenol	0.374	0.411	-9.9	101	0.00
45	S	2-Fluorobiphenyl	1.318	1.287	2.4	94	0.00
46		1,1'-Biphenyl	1.511	1.451	4.0	94	0.00
47		2-Chloronaphthalene	1.102	1.045	5.2	92	0.00

Sample Results: **BG064164.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064164.D
Acq On : 3 Apr 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 03 13:40:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	0.318	0.396	-24.5	113	0.00
49		Acenaphthylene	1.743	1.673	4.0	93	0.00
50		Dimethylphthalate	1.476	1.455	1.4	95	0.00
51		2,6-Dinitrotoluene	0.261	0.309	-18.4	105	0.00
52	C	Acenaphthene	1.170	1.118	4.4	94	0.00
53		3-Nitroaniline	0.285	0.312	-9.5	98	0.00
54	P	2,4-Dinitrophenol	0.102	0.153	-50.0#	152#	0.00
55		Dibenzofuran	1.895	1.831	3.4	94	0.00
56	P	4-Nitrophenol	0.239	0.264	-10.5	102	0.00
57		2,4-Dinitrotoluene	0.357	0.438	-22.7	108	0.00
58		Fluorene	1.476	1.455	1.4	98	0.00
59		2,3,4,6-Tetrachlorophenol	0.365	0.414	-13.4	104	-0.08
60		Diethylphthalate	1.603	1.624	-1.3	97	0.00
61		4-Chlorophenyl-phenylether	0.733	0.722	1.5	98	0.00
62		4-Nitroaniline	0.308	0.341	-10.7	98	0.00
63		Azobenzene	1.710	1.636	4.3	93	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
65		4,6-Dinitro-2-methylphenol	0.076	0.112	-47.4#	149	0.00
66	c	n-Nitrosodiphenylamine	0.566	0.554	2.1	95	0.00
67		4-Bromophenyl-phenylether	0.205	0.211	-2.9	100	0.00
68		Hexachlorobenzene	0.229	0.230	-0.4	100	0.00
69		Atrazine	0.167	0.145	13.2	90	0.00
70	C	Pentachlorophenol	0.142	0.157	-10.6	105	0.00
71		Phenanthrene	1.067	1.041	2.4	96	0.00
72		Anthracene	1.061	1.047	1.3	96	0.00
73		Carbazole	0.990	0.973	1.7	94	0.00
74		Di-n-butylphthalate	1.166	1.230	-5.5	97	0.00
75	C	Fluoranthene	1.286	1.246	3.1	94	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	95	0.00
77		Benzidine	0.277	0.350	-26.4#	106	0.00
78		Pyrene	1.289	1.273	1.2	92	0.00
79	S	Terphenyl-d14	0.989	0.970	1.9	92	0.00
80		Butylbenzylphthalate	0.423	0.546	-29.1#	112	0.00
81		Benzo(a)anthracene	1.281	1.251	2.3	91	0.00
82		3,3'-Dichlorobenzidine	0.415	0.435	-4.8	92	0.00
83		Chrysene	1.278	1.204	5.8	88	0.00
84		Bis(2-ethylhexyl)phthalate	0.693	0.801	-15.6	101	0.00
85	c	Di-n-octyl phthalate	1.195	1.386	-16.0	106	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	95	0.00
87		Indeno(1,2,3-cd)pyrene	1.338	1.318	1.5	91	0.00
88		Benzo(b)fluoranthene	1.209	1.209	0.0	94	0.00
89		Benzo(k)fluoranthene	1.213	1.121	7.6	85	0.00
90	C	Benzo(a)pyrene	1.077	1.056	1.9	90	0.00
91		Dibenzo(a,h)anthracene	1.109	1.111	-0.2	93	-0.01
92		Benzo(g,h,i)perylene	1.139	1.104	3.1	91	0.00

Sample Results: **BG064164.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064164.D
Acq On : 3 Apr 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 03 13:40:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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 = 1

Sample Results: **BG064164.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064164.D
Acq On : 3 Apr 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 03 13:40:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	91	0.00
2		1,4-Dioxane	40.000	35.387	11.5	80	0.00
3		Pyridine	40.000	35.068	12.3	72	0.00
4		n-Nitrosodimethylamine	40.000	37.032	7.4	80	0.00
5	S	2-Fluorophenol	80.000	75.960	5.1	82	0.00
6		Aniline	40.000	37.132	7.2	80	0.00
7	S	Phenol-d6	80.000	79.749	0.3	86	0.00
8		2-Chlorophenol	40.000	39.498	1.3	86	0.00
9		Benzaldehyde	40.000	36.714	8.2	85	0.00
10	C	Phenol	40.000	38.273	4.3	83	0.00
11		bis(2-Chloroethyl)ether	40.000	36.356	9.1	82	0.00
12		1,3-Dichlorobenzene	40.000	37.811	5.5	84	0.00
13	C	1,4-Dichlorobenzene	40.000	37.485	6.3	83	0.00
14		1,2-Dichlorobenzene	40.000	38.510	3.7	86	0.00
15		Benzyl Alcohol	40.000	42.949	-7.4	92	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.829	7.9	81	0.00
17		2-Methylphenol	40.000	41.235	-3.1	88	0.00
18		Hexachloroethane	40.000	41.940	-4.8	90	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.336	-0.8	85	0.00
20		3+4-Methylphenols	40.000	40.565	-1.4	88	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	91	0.00
22		Acetophenone	40.000	38.113	4.7	85	0.00
23	S	Nitrobenzene-d5	80.000	85.429	-6.8	92	0.00
24		Nitrobenzene	40.000	42.235	-5.6	91	0.00
25		Isophorone	40.000	37.430	6.4	83	0.00
26	C	2-Nitrophenol	40.000	48.689	-21.7#	118	0.00
27		2,4-Dimethylphenol	40.000	40.907	-2.3	89	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.083	4.8	86	0.00
29	C	2,4-Dichlorophenol	40.000	42.643	-6.6	93	0.00
30		1,2,4-Trichlorobenzene	40.000	39.309	1.7	89	0.00
31		Naphthalene	40.000	39.722	0.7	91	0.00
32		Benzoic acid	40.000	50.168	-25.4#	134	0.00
33		4-Chloroaniline	40.000	40.475	-1.2	87	0.00
34	C	Hexachlorobutadiene	40.000	40.574	-1.4	92	0.00
35		Caprolactam	40.000	42.361	-5.9	92	0.00
36	C	4-Chloro-3-methylphenol	40.000	44.169	-10.4	97	0.00
37		2-Methylnaphthalene	40.000	41.937	-4.8	95	0.00
38		1-Methylnaphthalene	40.000	42.088	-5.2	95	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	100	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.010	2.5	95	0.00
41	P	Hexachlorocyclopentadiene	40.000	55.656	-39.1#	128	0.00
42	S	2,4,6-Tribromophenol	80.000	93.837	-17.3	108	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.978	-7.4	101	0.00
44		2,4,5-Trichlorophenol	40.000	43.945	-9.9	101	0.00
45	S	2-Fluorobiphenyl	80.000	78.142	2.3	94	0.00
46		1,1'-Biphenyl	40.000	38.424	3.9	94	0.00
47		2-Chloronaphthalene	40.000	37.945	5.1	92	0.00

Sample Results: **BG064164.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064164.D
Acq On : 3 Apr 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 03 13:40:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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	44.074	-10.2	113	0.00
49		Acenaphthylene	40.000	38.382	4.0	93	0.00
50		Dimethylphthalate	40.000	39.426	1.4	95	0.00
51		2,6-Dinitrotoluene	40.000	41.696	-4.2	105	0.00
52	C	Acenaphthene	40.000	38.229	4.4	94	0.00
53		3-Nitroaniline	40.000	43.696	-9.2	98	0.00
54	P	2,4-Dinitrophenol	40.000	51.990	-30.0#	152	0.00
55		Dibenzofuran	40.000	38.644	3.4	94	0.00
56	P	4-Nitrophenol	40.000	44.070	-10.2	102	0.00
57		2,4-Dinitrotoluene	40.000	42.785	-7.0	108	0.00
58		Fluorene	40.000	39.423	1.4	98	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	45.389	-13.5	104	-0.08
60		Diethylphthalate	40.000	40.534	-1.3	97	0.00
61		4-Chlorophenyl-phenylether	40.000	39.373	1.6	98	0.00
62		4-Nitroaniline	40.000	44.300	-10.7	98	0.00
63		Azobenzene	40.000	38.258	4.4	93	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	99	0.00
65		4,6-Dinitro-2-methylphenol	40.000	51.147	-27.9#	149	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.119	2.2	95	0.00
67		4-Bromophenyl-phenylether	40.000	41.251	-3.1	100	0.00
68		Hexachlorobenzene	40.000	40.062	-0.2	100	0.00
69		Atrazine	40.000	34.708	13.2	90	0.00
70	C	Pentachlorophenol	40.000	43.996	-10.0	105	0.00
71		Phenanthrene	40.000	39.025	2.4	96	0.00
72		Anthracene	40.000	39.484	1.3	96	0.00
73		Carbazole	40.000	39.306	1.7	94	0.00
74		Di-n-butylphthalate	40.000	42.194	-5.5	97	0.00
75	C	Fluoranthene	40.000	38.757	3.1	94	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	95	0.00
77		Benzidine	40.000	50.549	-26.4#	106	0.00
78		Pyrene	40.000	39.487	1.3	92	0.00
79	S	Terphenyl-d14	80.000	78.416	2.0	92	0.00
80		Butylbenzylphthalate	40.000	45.382	-13.5	112	0.00
81		Benzo(a)anthracene	40.000	39.071	2.3	91	0.00
82		3,3'-Dichlorobenzidine	40.000	41.927	-4.8	92	0.00
83		Chrysene	40.000	37.700	5.7	88	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	46.263	-15.7	101	0.00
85	c	Di-n-octyl phthalate	40.000	46.390	-16.0	106	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	95	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.391	1.5	91	0.00
88		Benzo(b)fluoranthene	40.000	40.004	-0.0	94	0.00
89		Benzo(k)fluoranthene	40.000	36.961	7.6	85	0.00
90	C	Benzo(a)pyrene	40.000	39.239	1.9	90	0.00
91		Dibenzo(a,h)anthracene	40.000	40.051	-0.1	93	-0.01
92		Benzo(g,h,i)perylene	40.000	38.770	3.1	91	0.00

Sample Results: **BG064164.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064164.D
Acq On : 3 Apr 2025 13:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Apr 03 13:40:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 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 = 1

QC SAMPLE DATA

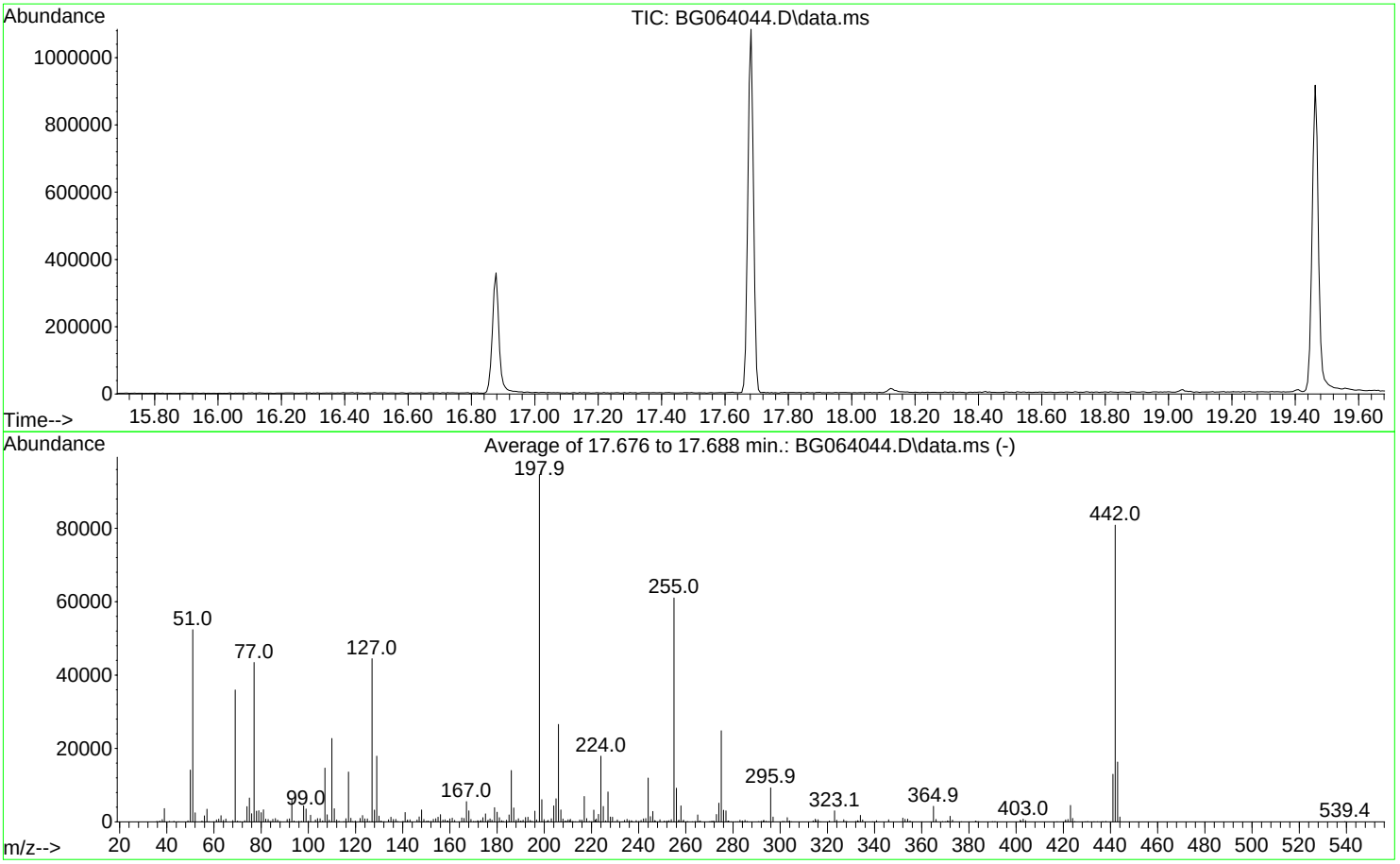
Sample Results: **BG064044.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064044.D
Acq On : 5 Mar 2025 8:15
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 05 15:39:19 2025



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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	55.3	52392	PASS
68	69	0.00	2	1.1	386	PASS
69	198	0.00	100	38.0	35944	PASS
70	69	0.00	2	0.5	177	PASS
127	198	10	80	47.0	44448	PASS
197	198	0.00	2	0.6	541	PASS
198	198	100	100	100.0	94661	PASS
199	198	5	9	6.4	6065	PASS
275	198	10	60	26.2	24824	PASS
365	198	1	100	4.5	4228	PASS
441	198	0.01	100	13.7	12975	PASS
442	442	50	100	100.0	80851	PASS
443	442	15	24	20.2	16317	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/5/2025	BNA_G	BG064044.D
Compound Name	**Response**	**Retention Time**
DDT	173171	20.702
DDD	5056	20.256
DDE	59	19.762
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
5115	178286	2.87

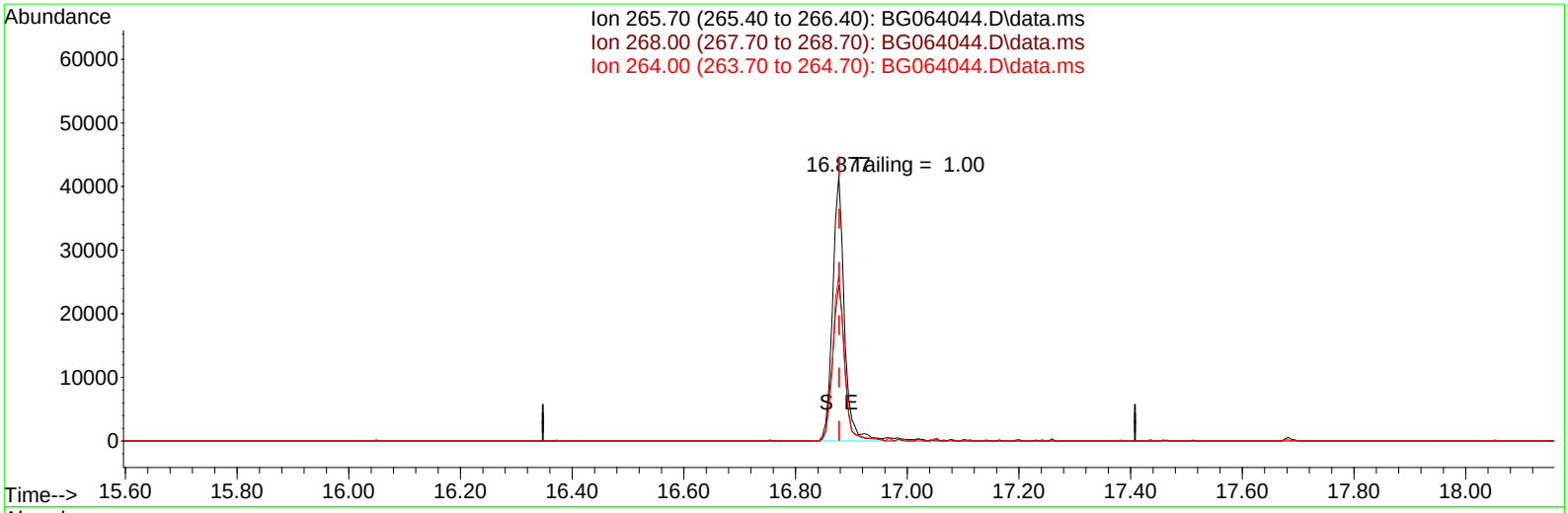
Instrument :
BNA_G
ClientSampleId :
DFTPP

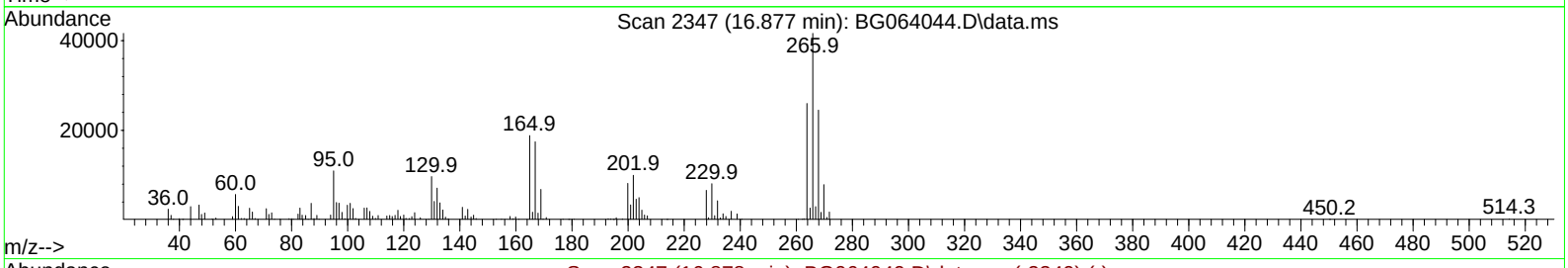
Sample Results: **BG064044.D**

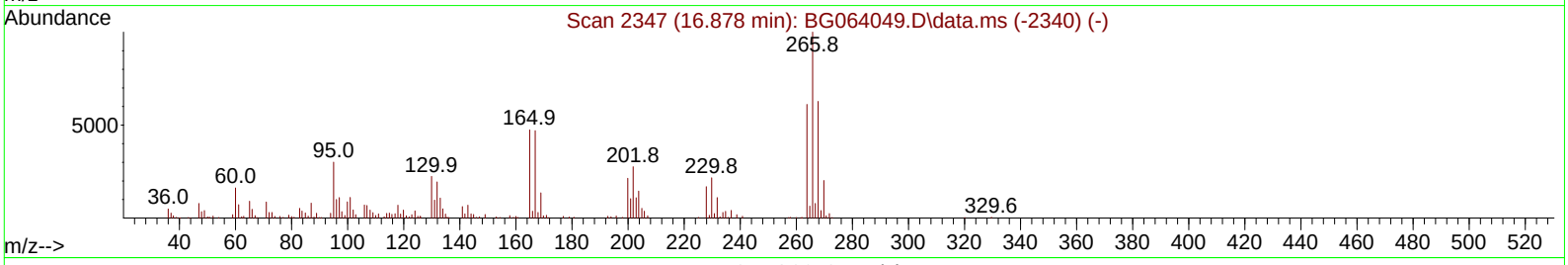
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064044.D
Acq On : 5 Mar 2025 8:15
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Mar 05 15:40:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration







TIC: BG064044.D\data.ms

(70) Pentachlorophenol (C)

16.877min (-0.001) 14067.66 ng

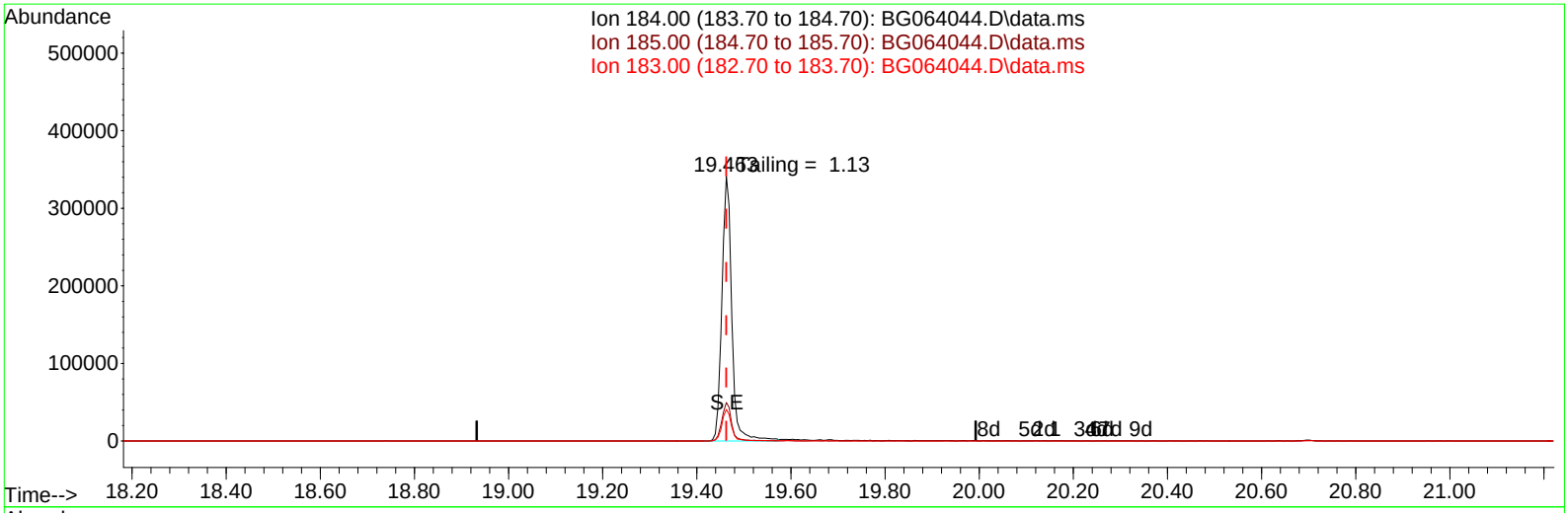
response 60892

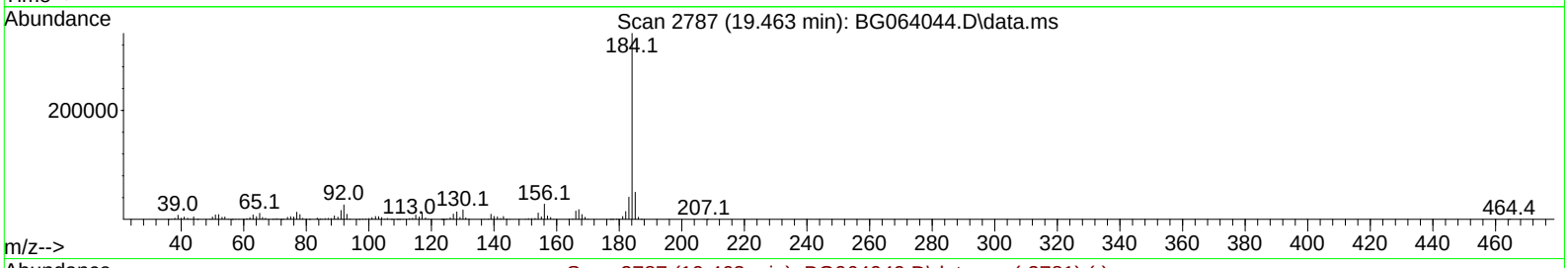
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.80	58.85
264.00	61.10	62.43
0.00	0.00	0.00

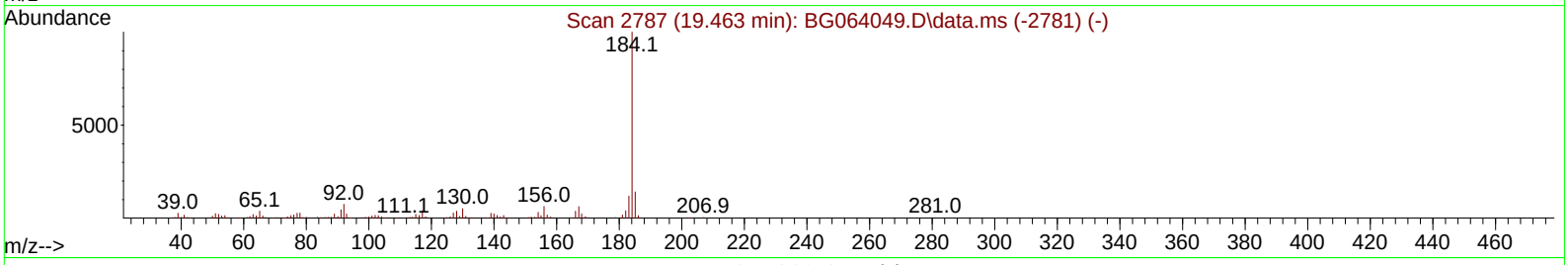
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030525\
Data File : BG064044.D
Acq On : 5 Mar 2025 8:15
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Mar 05 15:40:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration







TIC: BG064044.D\data.ms

(77) Benzidine

19.463min (-0.000) 687177.88 ng m

response 523350

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.57
183.00	11.90	11.97
0.00	0.00	0.00

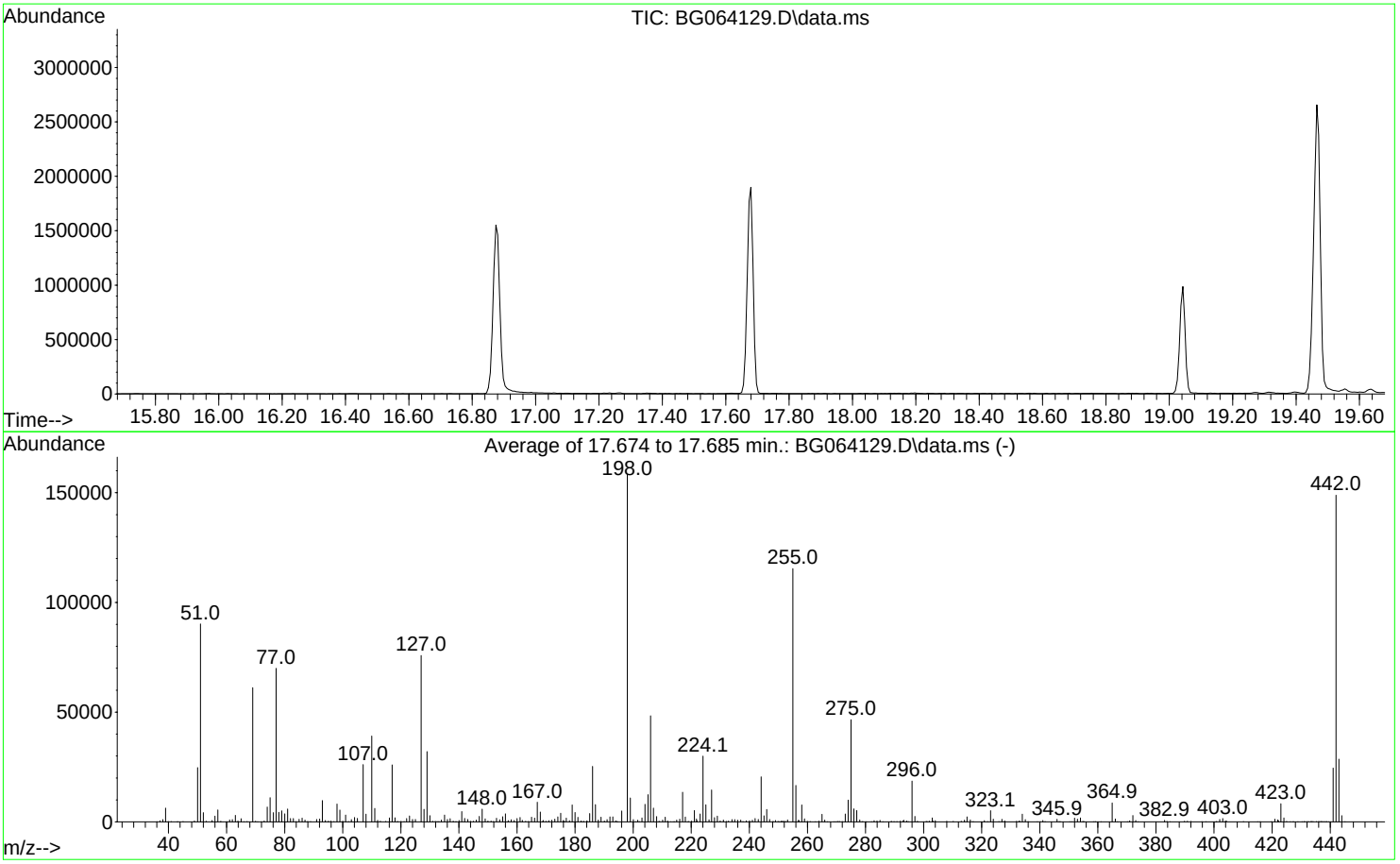
Sample Results: **BG064129.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064129.D
Acq On : 1 Apr 2025 10:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 05 15:39:19 2025



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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	57.0	90163	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.6	61120	PASS
70	69	0.00	2	0.5	294	PASS
127	198	10	80	47.9	75825	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	158291	PASS
199	198	5	9	6.9	10872	PASS
275	198	10	60	29.4	46560	PASS
365	198	1	100	5.4	8613	PASS
441	198	0.01	100	15.5	24488	PASS
442	442	50	100	100.0	148856	PASS
443	442	15	24	19.2	28603	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/1/2025	BNA_G	BG064129.D
Compound Name	**Response**	**Retention Time**
DDT	689196	20.699
DDD	16001	20.259
DDE	856	19.753
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
16857	706053	2.39

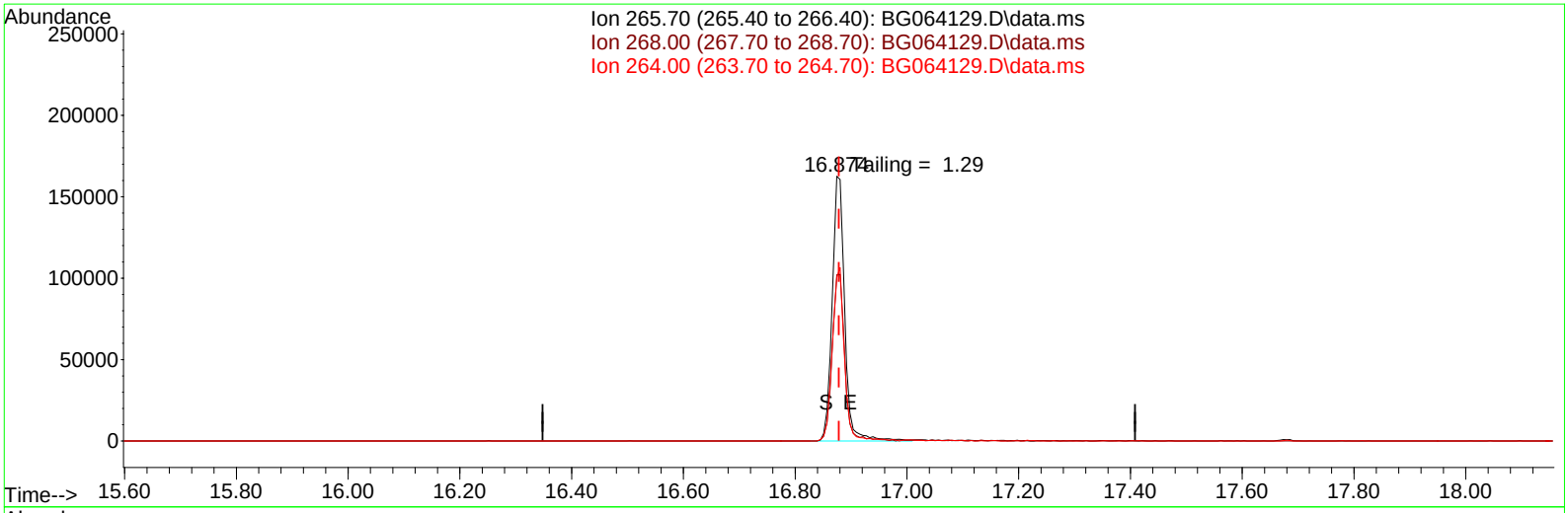
Instrument :
BNA_G
ClientSampleId :
DFTPP

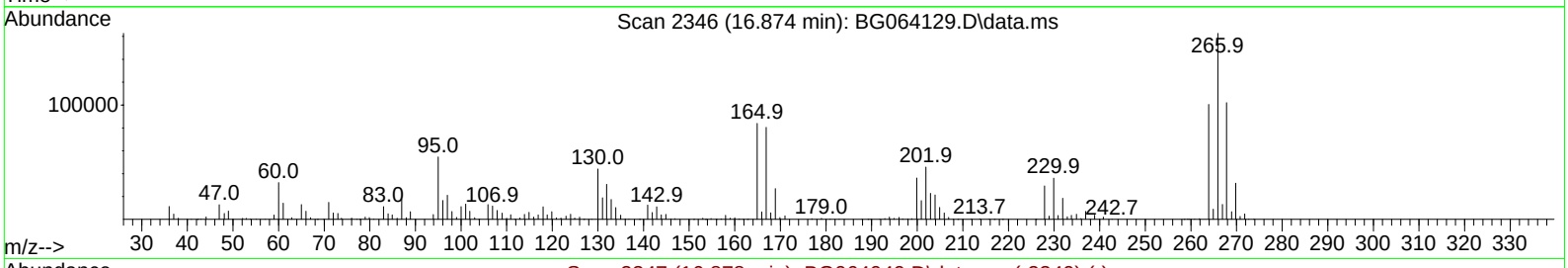
Sample Results: **BG064129.D**

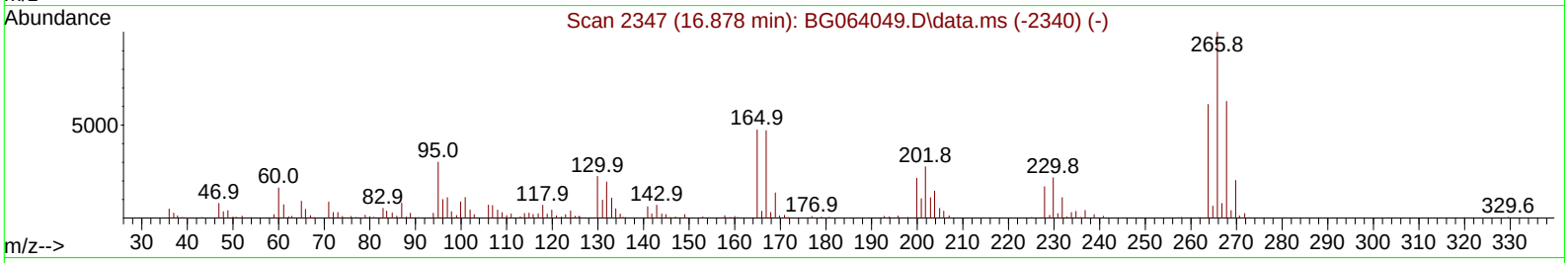
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064129.D
Acq On : 1 Apr 2025 10:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Apr 01 12:38:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration







TIC: BG064129.D\data.ms

(70) Pentachlorophenol (C)

16.874min (-0.004) 18192.74 ng

response 250619

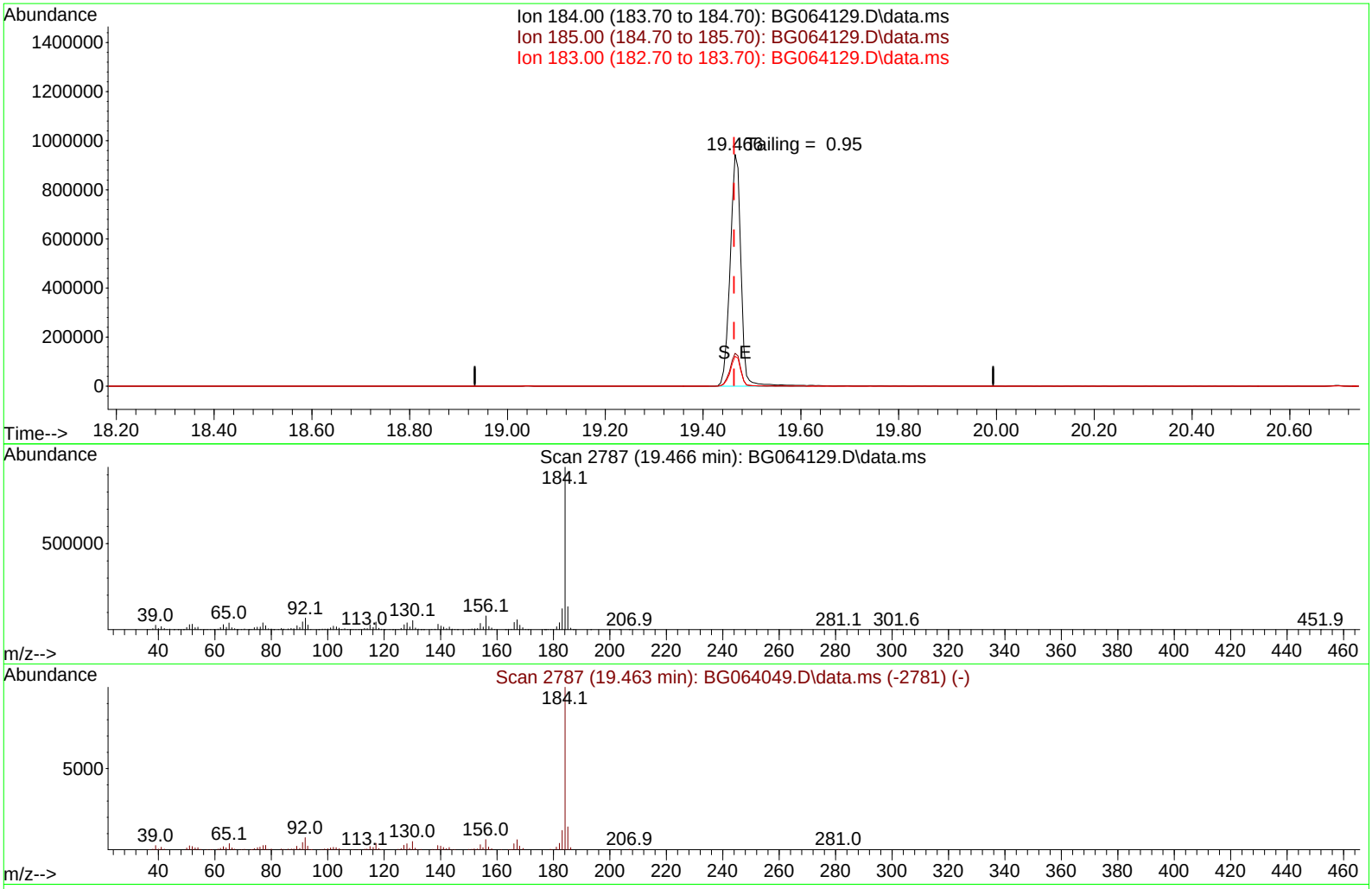
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.80	62.76
264.00	61.10	61.79
0.00	0.00	0.00

Sample Results: **BG064129.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064129.D
Acq On : 1 Apr 2025 10:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Apr 01 12:38:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



TIC: BG064129.D\data.ms

(77) Benzidine

19.466min (+ 0.003) 44246.31 ng

response 1453902

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.18
183.00	11.90	12.89
0.00	0.00	0.00

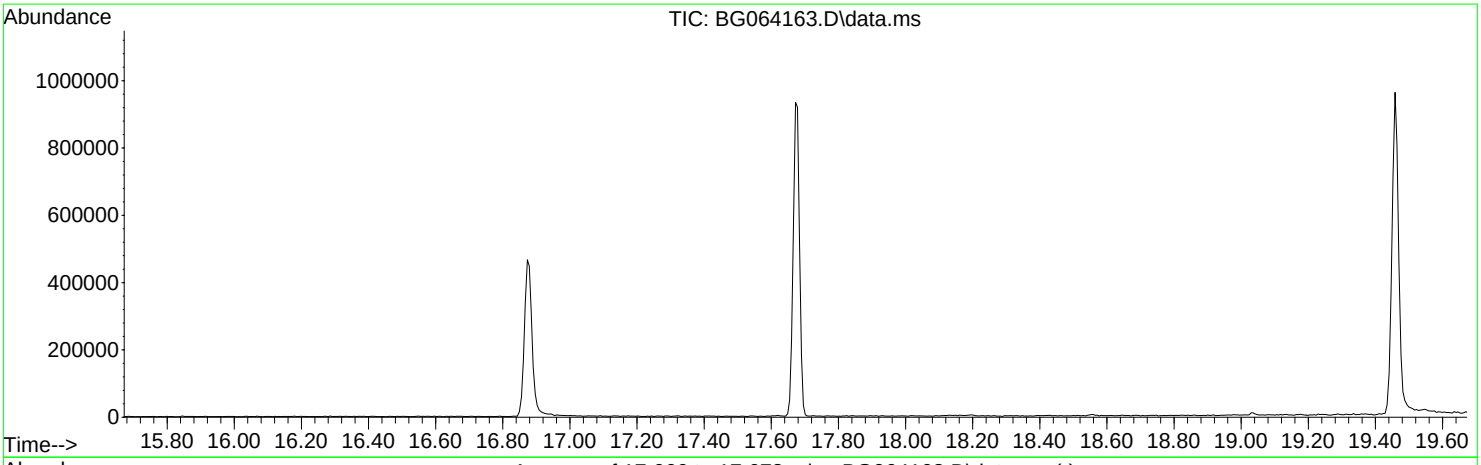
Sample Results: **BG064163.D**

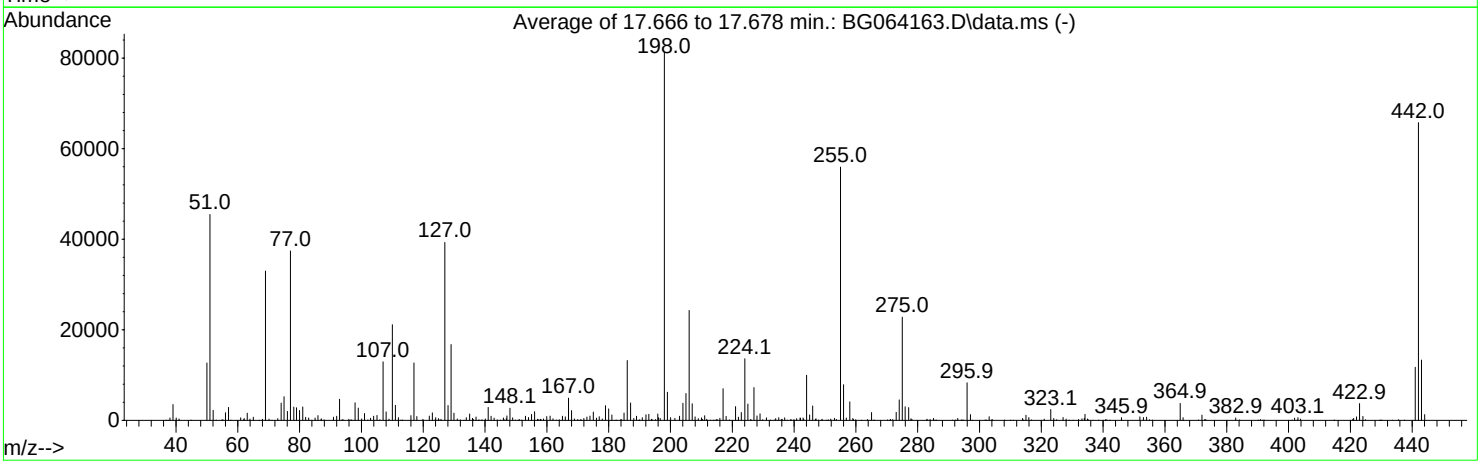
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064163.D
Acq On : 3 Apr 2025 12:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Mar 05 15:39:19 2025





AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2475

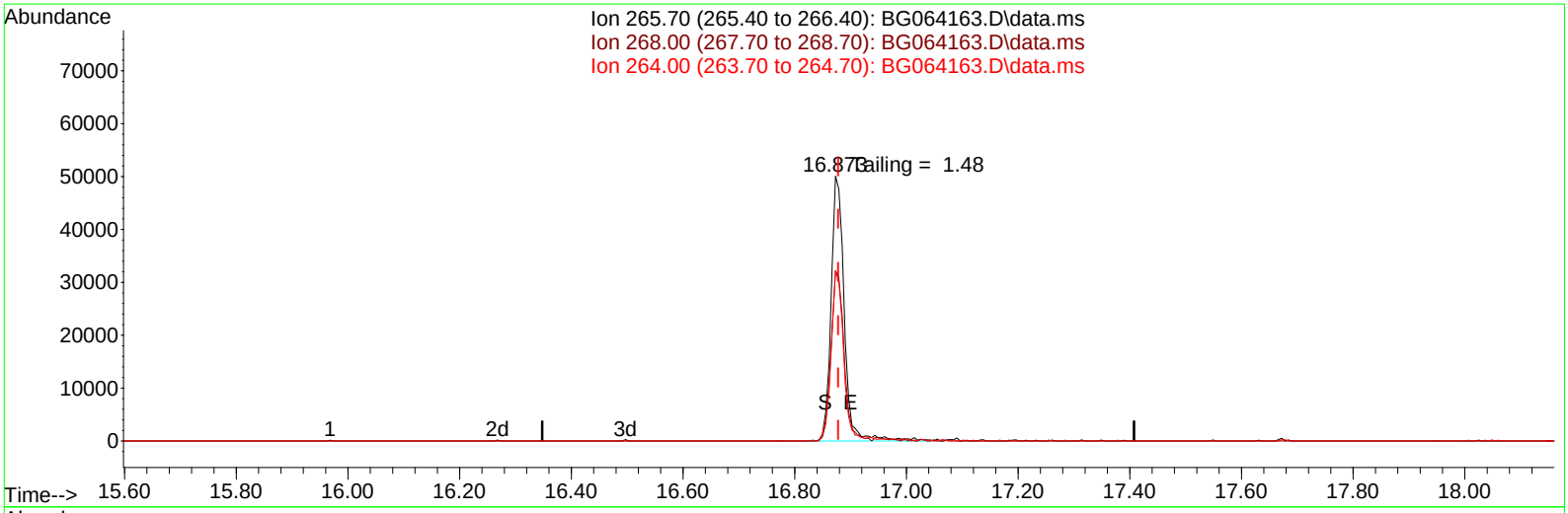
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	56.0	45483	PASS
68	69	0.00	2	0.8	258	PASS
69	198	0.00	100	40.6	32958	PASS
70	69	0.00	2	0.8	268	PASS
127	198	10	80	48.4	39301	PASS
197	198	0.00	2	0.5	417	PASS
198	198	100	100	100.0	81243	PASS
199	198	5	9	7.7	6234	PASS
275	198	10	60	28.1	22810	PASS
365	198	1	100	4.6	3760	PASS
441	198	0.01	100	14.4	11719	PASS
442	442	50	100	100.0	65776	PASS
443	442	15	24	20.2	13319	PASS

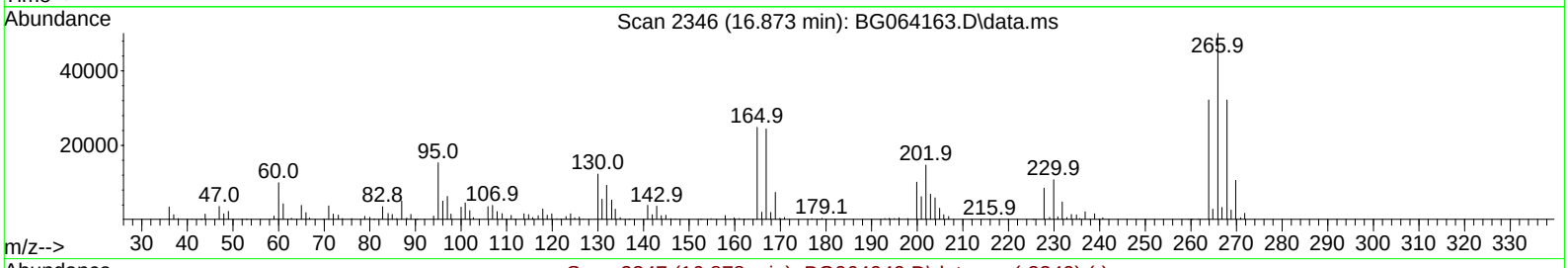
Sample Results: **BG064163.D**

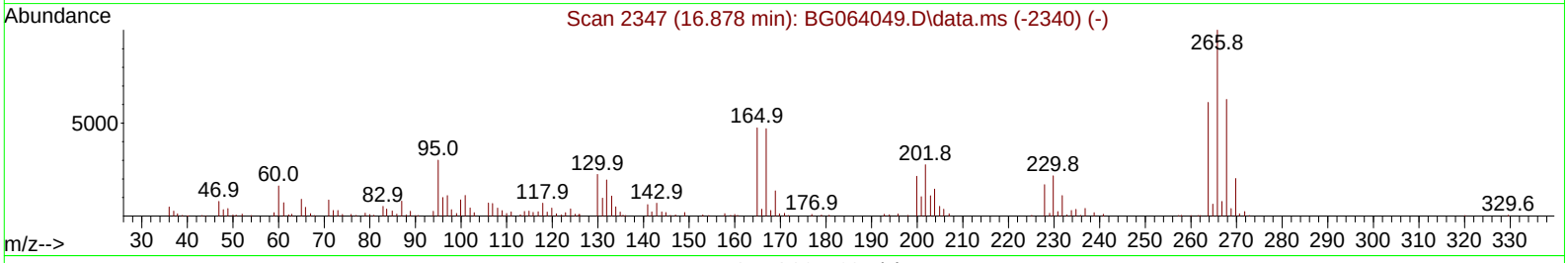
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064163.D
Acq On : 3 Apr 2025 12:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Apr 03 13:51:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration







TIC: BG064163.D\data.ms

(70) Pentachlorophenol (C)

16.873min (-0.005) 143328.78 ng m

response 82652

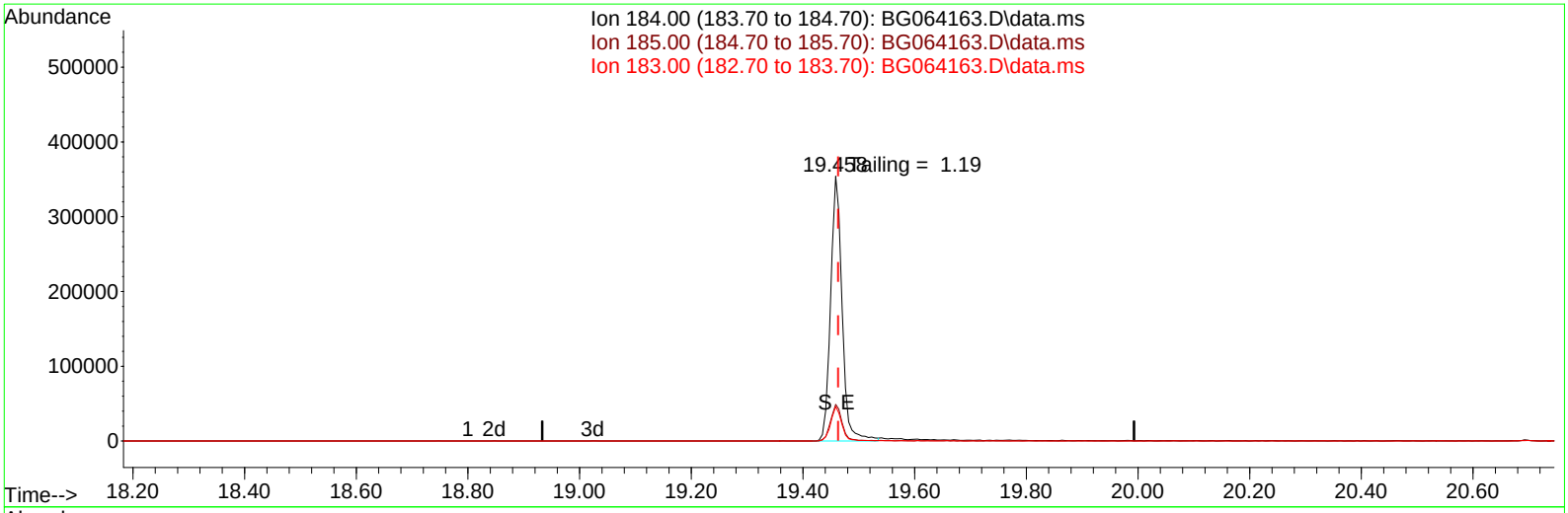
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.80	64.32
264.00	61.10	64.32
0.00	0.00	0.00

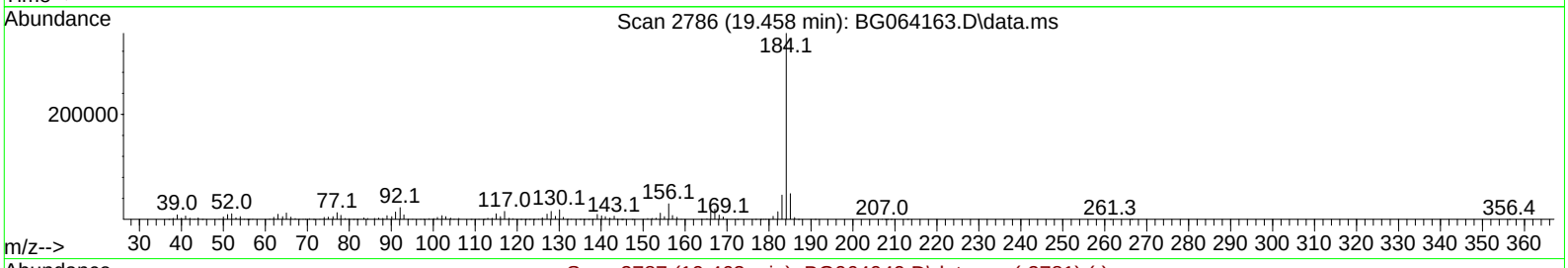
Sample Results: **BG064163.D**

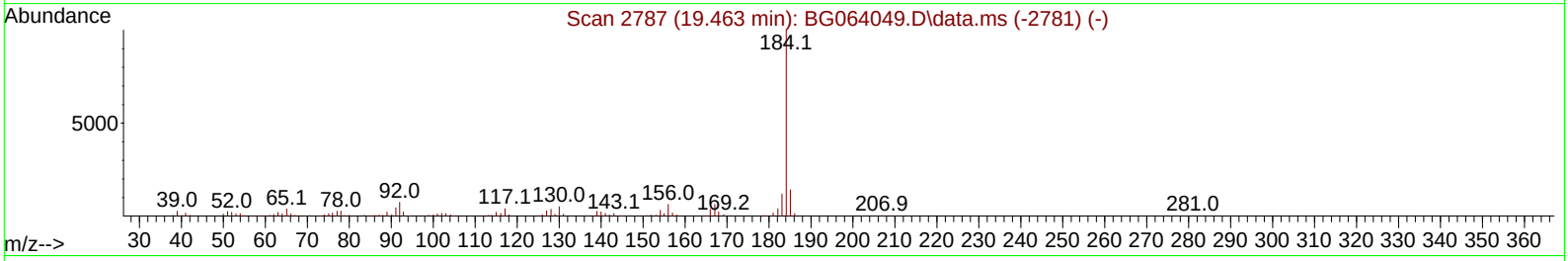
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064163.D
Acq On : 3 Apr 2025 12:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Apr 03 13:51:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration







TIC: BG064163.D\data.ms

(77) Benzidine

19.458min (-0.005) 9423.30 ng m

response 527163

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	13.84
183.00	11.90	13.02
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/3/2025	BNA_G	BG064163.D
Compound Name	**Response**	**Retention Time**
DDT	247452	20.698
DDD	6772	20.257
DDE	773	19.752
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
7545	254997	2.96

Instrument :
BNA_G
ClientSampleId :
DFTPP

Raw Data: **BG064167.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167376BL	SDG No.:	Q1666
Lab Sample ID:	PB167376BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064167.D	1	03/28/25 12:35	04/03/25 15:13	PB167376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	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
SURROGATES						
367-12-4	2-Fluorophenol	157		15 (10) - 110 (139)	105%	SPK: 150
13127-88-3	Phenol-d6	155		15 (10) - 110 (134)	103%	SPK: 150
4165-60-0	Nitrobenzene-d5	111		30 (49) - 130 (133)	111%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.5		30 (52) - 130 (132)	97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	190	*	15 (44) - 110 (137)	127%	SPK: 150
1718-51-0	Terphenyl-d14	105		30 (48) - 130 (125)	105%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	27000	7.856			
1146-65-2	Naphthalene-d8	122000	10.647			
15067-26-2	Acenaphthene-d10	95600	14.483			
1517-22-2	Phenanthrene-d10	233000	17.221			
1719-03-5	Chrysene-d12	243000	21.452			
1520-96-3	Perylene-d12	257000	24.466			

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_G\Data\BG040325\
Data File : BG064167.D
Acq On : 3 Apr 2025 15:13
Operator : RC/JU
Sample : PB167376BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB167376BL

Quant Time: Apr 03 19:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

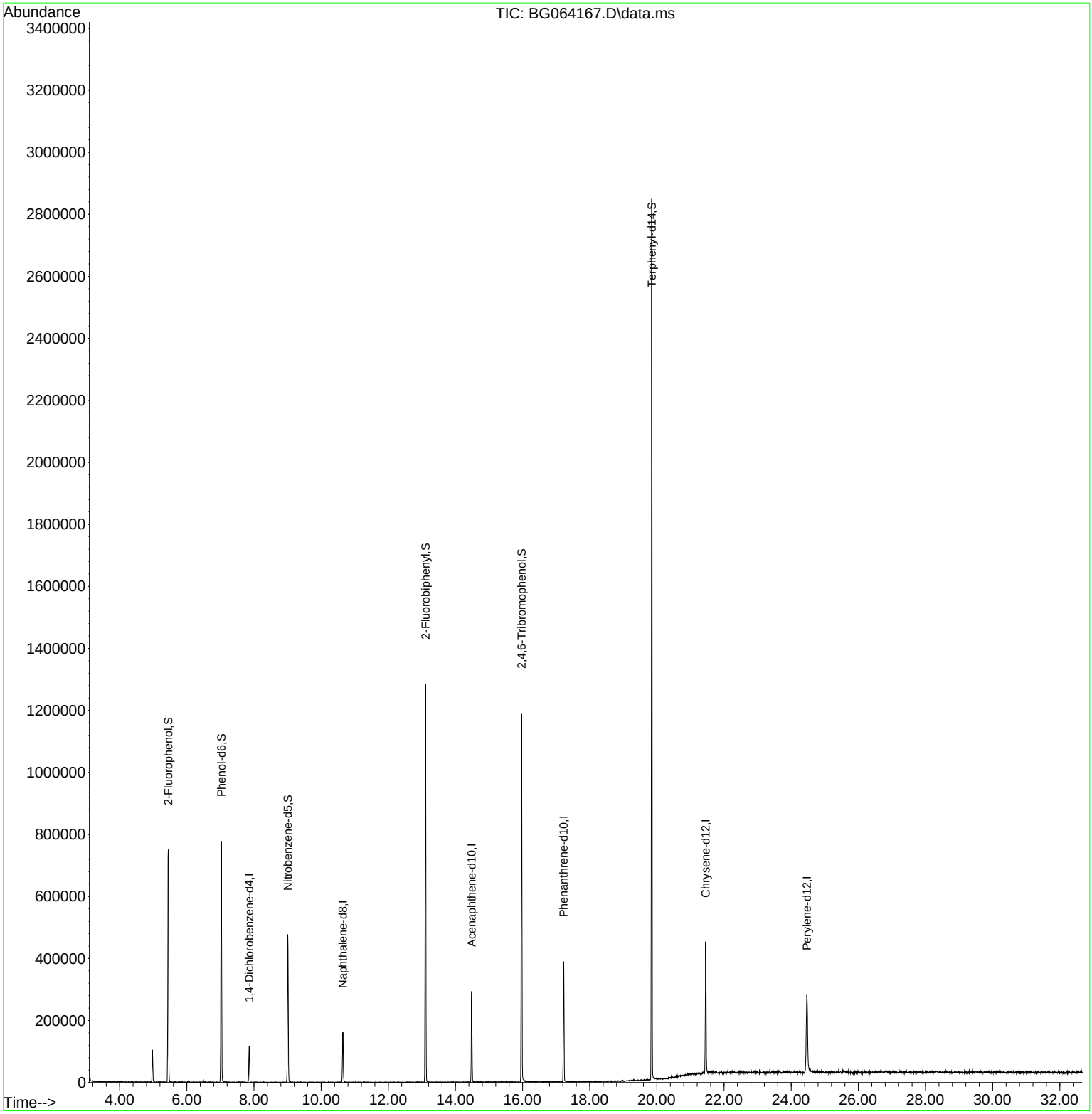
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	26970	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	121929	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	95631	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	233012	20.000	ng	0.00
76) Chrysene-d12	21.452	240	243299	20.000	ng	0.00
86) Perylene-d12	24.466	264	257357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.447	112	270898	156.838	ng	0.00
7) Phenol-d6	7.027	99	363994	154.909	ng	0.00
23) Nitrobenzene-d5	9.007	82	244953	111.020	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	202140	190.159	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	608003	96.504	ng	0.00
79) Terphenyl-d14	19.848	244	1269208	105.481	ng	0.00
Target Compounds						Qvalue

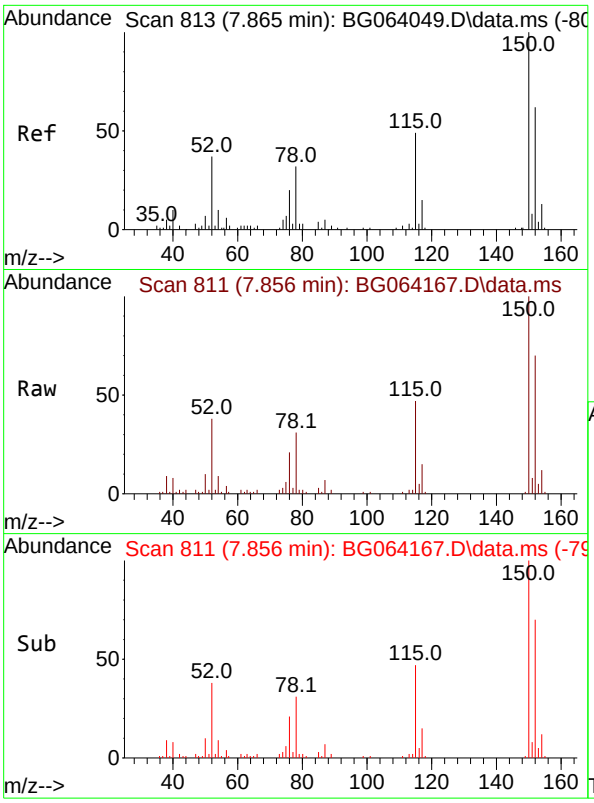
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064167.D
Acq On : 3 Apr 2025 15:13
Operator : RC/JU
Sample : PB167376BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB167376BL

Quant Time: Apr 03 19:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



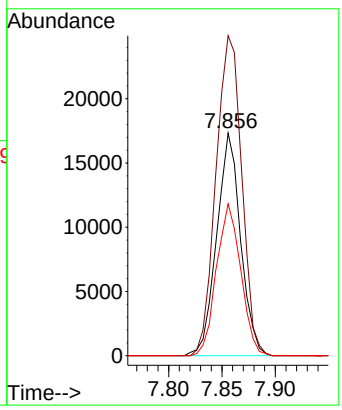


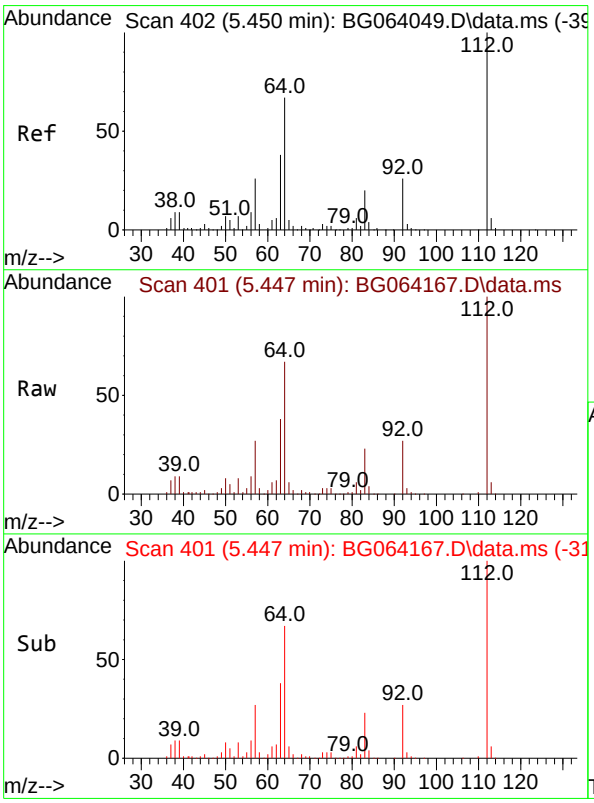
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.856 min Scan# 8
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :
PB167376BL

Tgt Ion:152 Resp: 26970

Ion	Ratio	Lower	Upper
152	100		
150	143.8	129.2	193.8
115	68.2	63.0	94.6

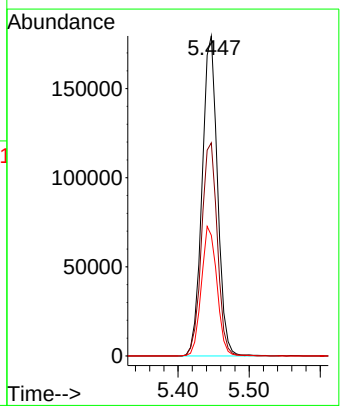


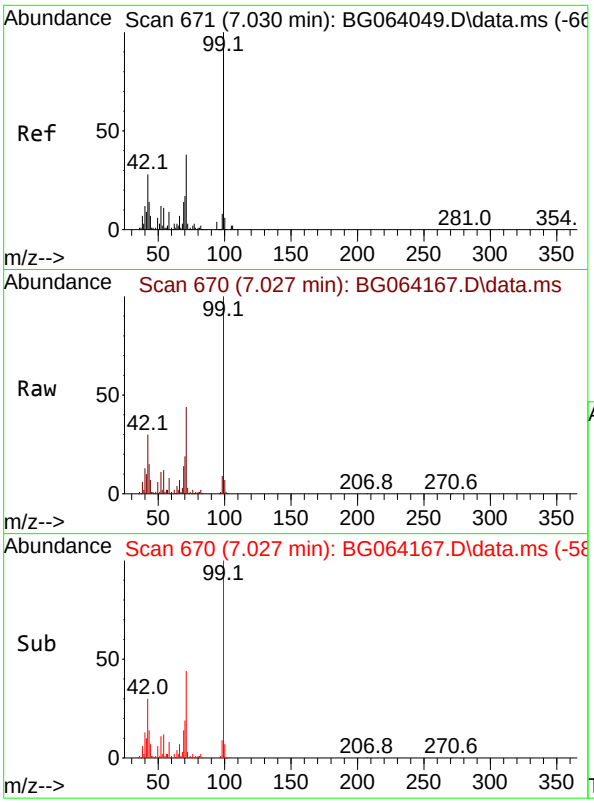


#5
2-Fluorophenol
Concen: 156.838 ng
RT: 5.447 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:112 Resp: 270898

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.7	80.5
63	37.7	30.2	45.4



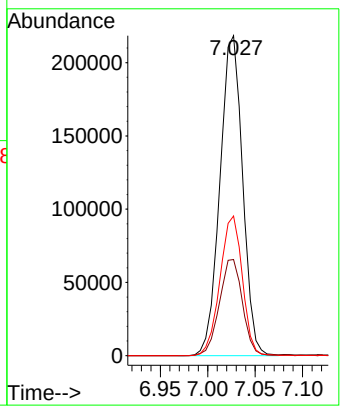


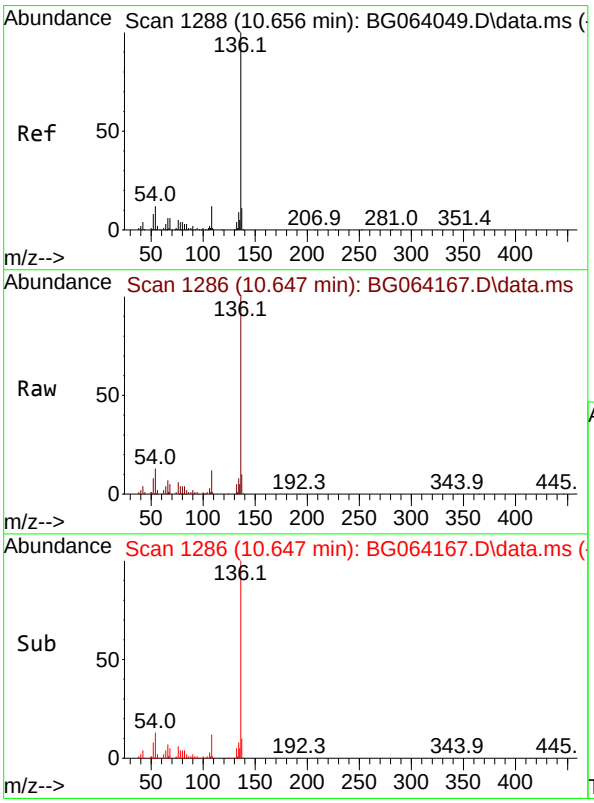
#7
Phenol-d6
Concen: 154.909 ng
RT: 7.027 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :
PB167376BL

Tgt Ion: 99 Resp: 363994

Ion	Ratio	Lower	Upper
99	100		
42	30.1	22.7	34.1
71	43.7	30.6	46.0

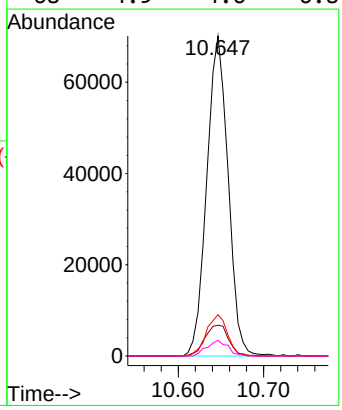


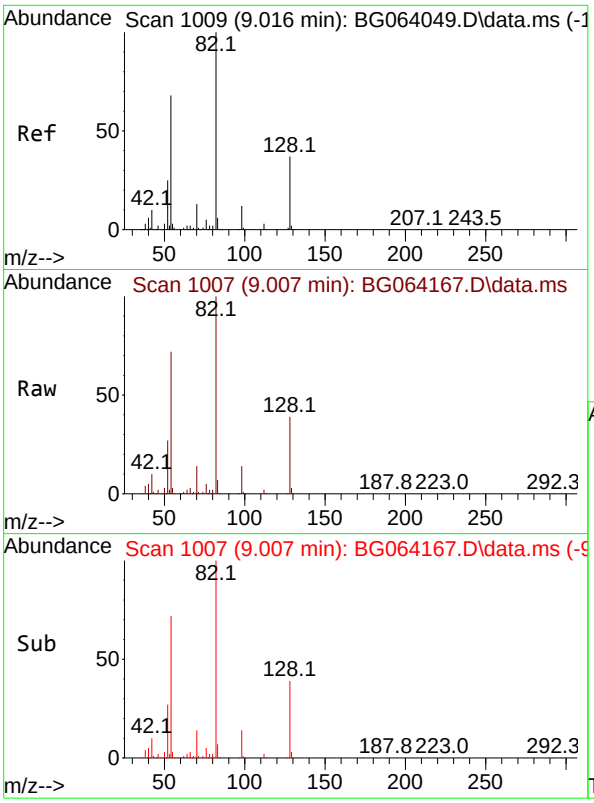


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 1286
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:136 Resp: 121929

Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.5	12.7
54	12.9	9.9	14.9
68	4.9	4.6	6.8



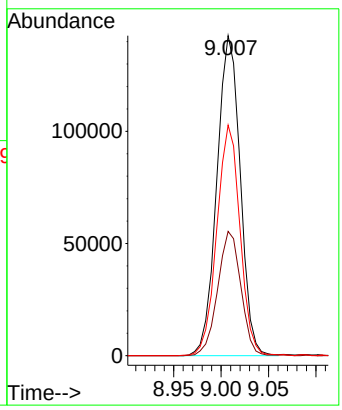


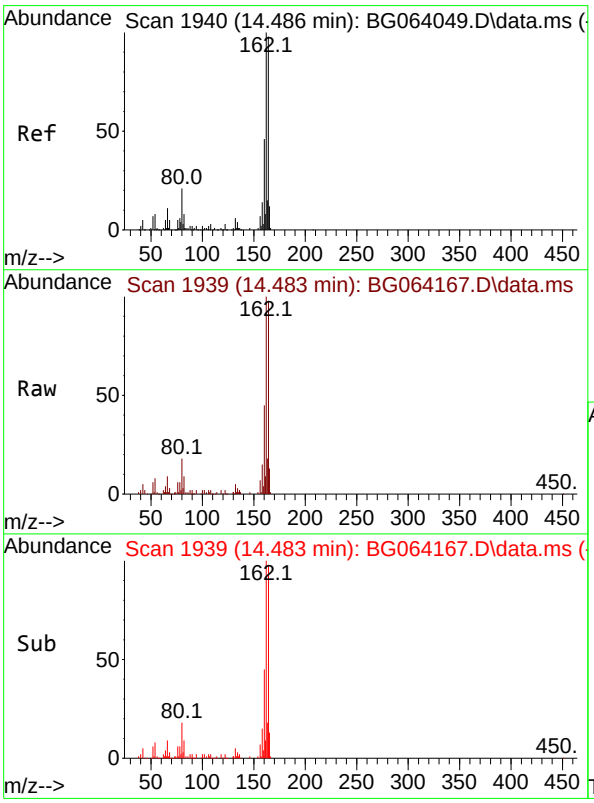
#23
Nitrobenzene-d5
Concen: 111.020 ng
RT: 9.007 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :
PB167376BL

Tgt Ion: 82 Resp: 244953

Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.0	45.0
54	72.0	54.7	82.1

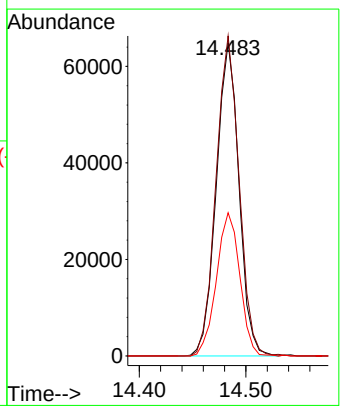


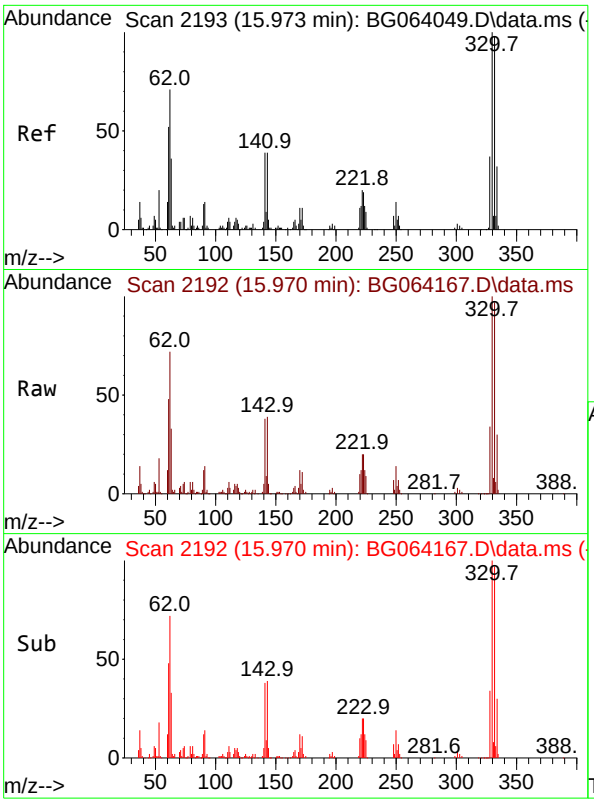


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:164 Resp: 95631

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	45.7	37.0	55.6



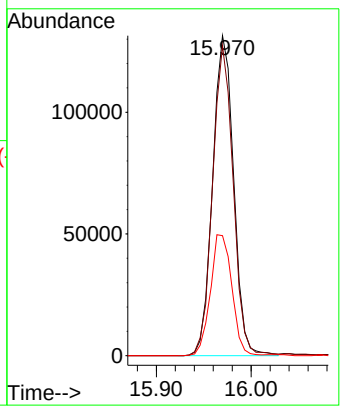


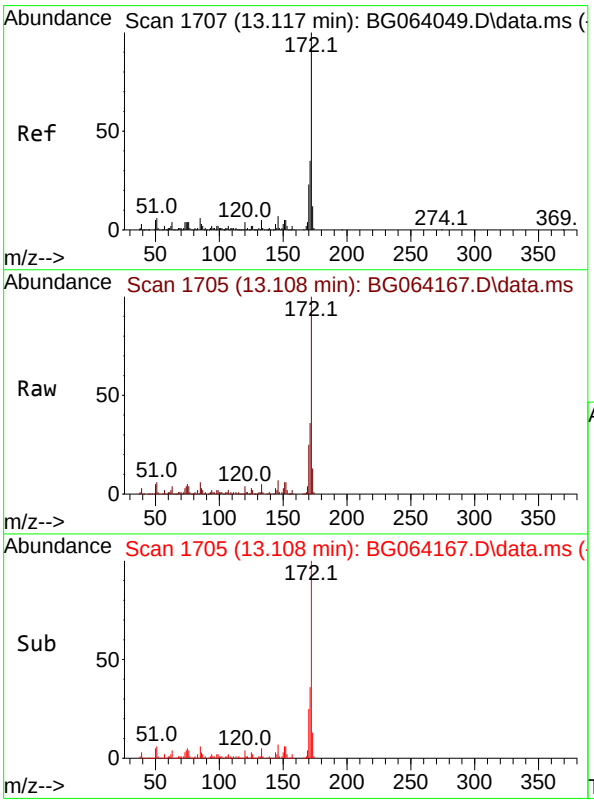
#42
2,4,6-Tribromophenol
Concen: 190.159 ng
RT: 15.970 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :
PB167376BL

Tgt Ion:330 Resp: 202140

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.7	115.1
141	38.6	29.7	44.5

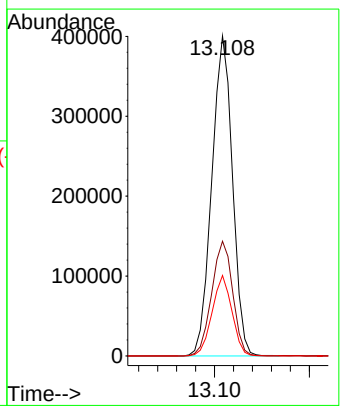


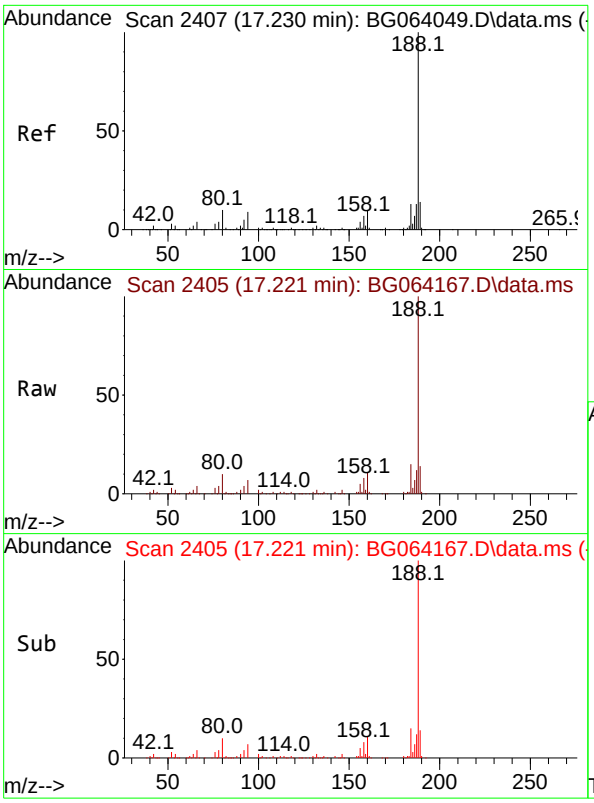


#45
2-Fluorobiphenyl
Concen: 96.504 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:172 Resp: 608003

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.0	42.0
170	25.2	18.7	28.1



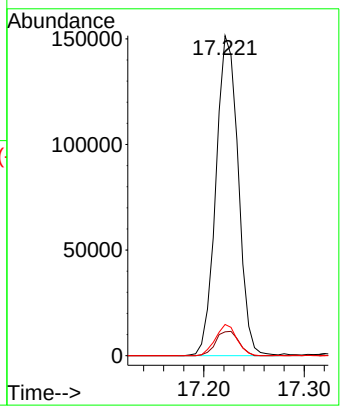


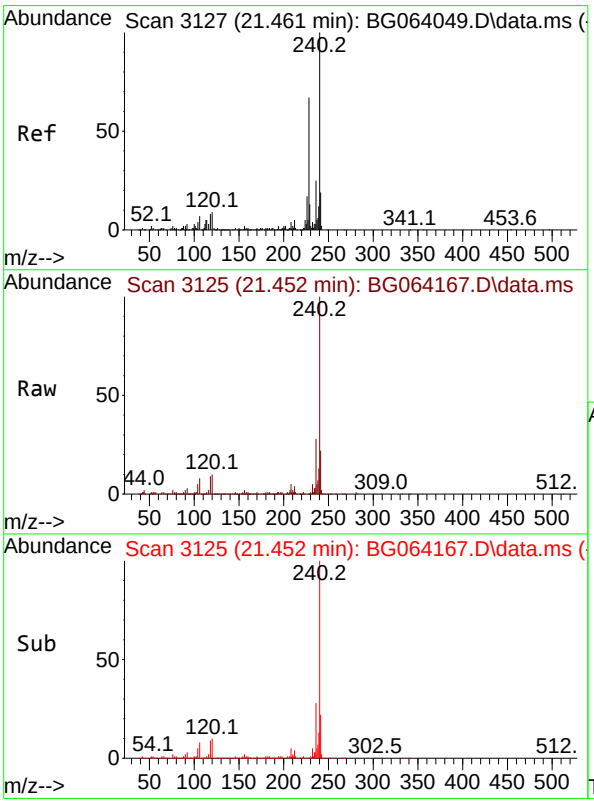
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :
PB167376BL

Tgt Ion:188 Resp: 233012

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	9.8	8.1	12.1

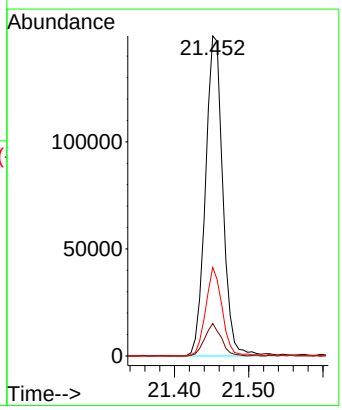


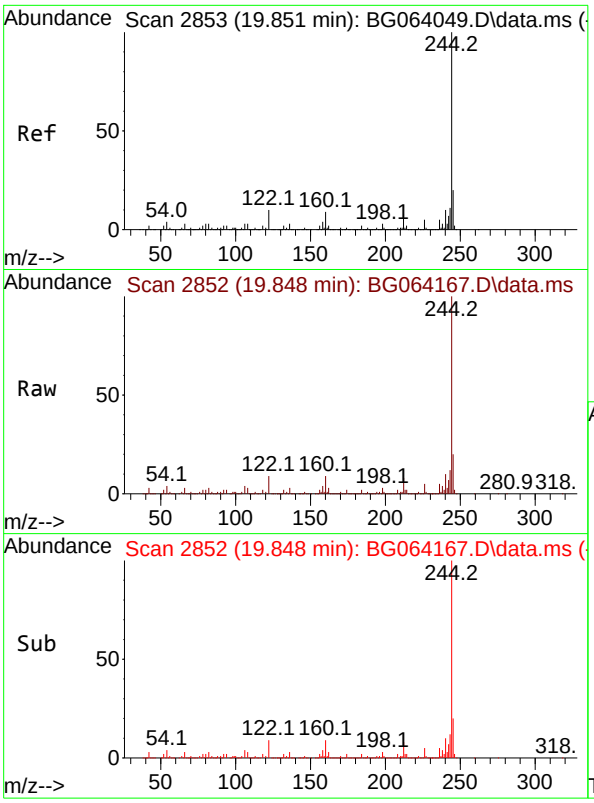


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:240 Resp: 243299

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.2	10.8
236	27.7	20.2	30.2



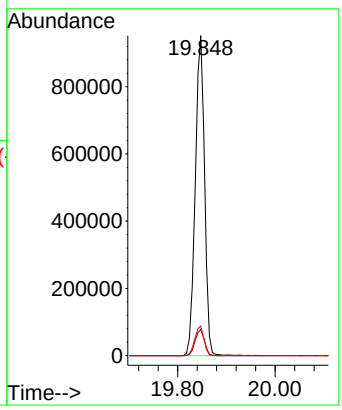


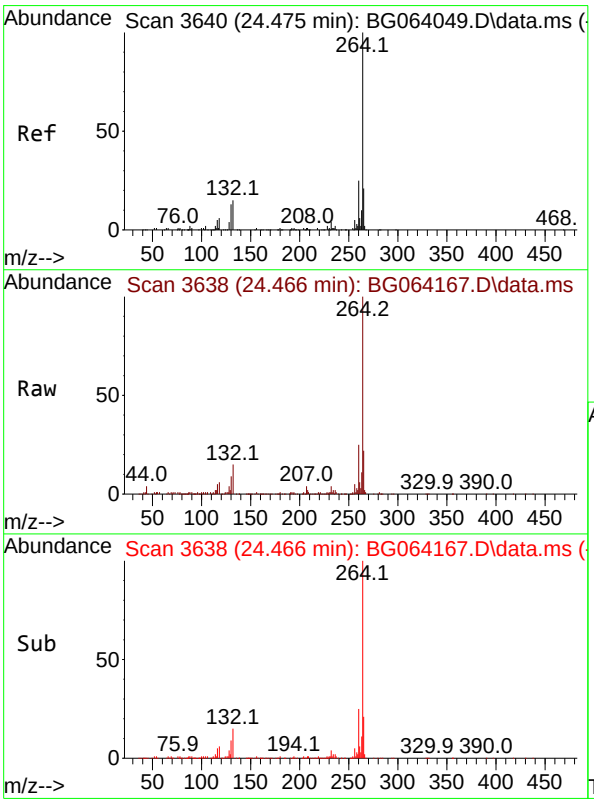
#79
Terphenyl-d14
Concen: 105.481 ng
RT: 19.848 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Instrument :
BNA_G
ClientSampleId :
PB167376BL

Tgt Ion:244 Resp: 1269208

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	9.3	8.0	12.0

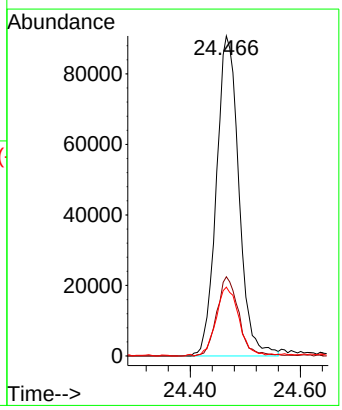




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BG064167.D
Acq: 3 Apr 2025 15:13

Tgt Ion:264 Resp: 257357

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.5	16.6	25.0



Raw Data: **BG064170.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167376BS	SDG No.:	Q1666
Lab Sample ID:	PB167376BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064170.D	1	03/28/25 12:35	04/03/25 17:15	PB167376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	54.3		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	47.8		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.0		0.54	5.00	ug/L
91-20-3	Naphthalene	46.5		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	149		15 (10) - 110 (139)	100%	SPK: 150
13127-88-3	Phenol-d6	148		15 (10) - 110 (134)	98%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		30 (49) - 130 (133)	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.2		30 (52) - 130 (132)	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	177	*	15 (44) - 110 (137)	118%	SPK: 150
1718-51-0	Terphenyl-d14	97.6		30 (48) - 130 (125)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	28000	7.862			
1146-65-2	Naphthalene-d8	134000	10.647			
15067-26-2	Acenaphthene-d10	105000	14.484			
1517-22-2	Phenanthrene-d10	254000	17.222			
1719-03-5	Chrysene-d12	249000	21.458			
1520-96-3	Perylene-d12	269000	24.466			

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: **BG064170.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064170.D
Acq On : 3 Apr 2025 17:15
Operator : RC/JU
Sample : PB167376BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 18:05:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB167376BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	27960	20.000	ng		# 0.00
21) Naphthalene-d8	10.647	136	133904	20.000	ng		0.00
39) Acenaphthene-d10	14.484	164	104622	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	253744	20.000	ng		0.00
76) Chrysene-d12	21.458	240	248572	20.000	ng		0.00
86) Perylene-d12	24.466	264	269225	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.447	112	267543	149.411	ng		0.00
7) Phenol-d6	7.028	99	359704	147.663	ng		0.00
23) Nitrobenzene-d5	9.014	82	248635	102.611	ng		0.00
42) 2,4,6-Tribromophenol	15.970	330	206413	177.491	ng		0.00
45) 2-Fluorobiphenyl	13.109	172	614878	89.208	ng		0.00
79) Terphenyl-d14	19.842	244	1199786	97.596	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	24770	30.523	ng		93
3) Pyridine	3.749	79	70590	35.767	ng		96
4) n-Nitrosodimethylamine	3.661	42	59614	42.276	ng	#	88
6) Aniline	7.186	93	88340	36.957	ng		97
8) 2-Chlorophenol	7.427	128	104209	54.186	ng		95
9) Benzaldehyde	6.998	77	57485	40.575	ng		95
10) Phenol	7.057	94	135365	54.275	ng		98
11) bis(2-Chloroethyl)ether	7.286	93	89445	45.745	ng		96
12) 1,3-Dichlorobenzene	7.750	146	99886	47.297	ng		99
13) 1,4-Dichlorobenzene	7.897	146	103511	47.818	ng		97
14) 1,2-Dichlorobenzene	8.209	146	100900	48.339	ng		99
15) Benzyl Alcohol	8.097	79	103341	54.898	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.385	45	210156m	47.799	ng		
17) 2-Methylphenol	8.303	107	93437	56.448	ng		95
18) Hexachloroethane	8.937	117	40179	53.051	ng		98
19) n-Nitroso-di-n-propyla...	8.667	70	82560	48.293	ng		98
20) 3+4-Methylphenols	8.626	107	128552	56.412	ng		94
22) Acetophenone	8.679	105	163158	44.441	ng	#	95
24) Nitrobenzene	9.055	77	123335	49.252	ng		97
25) Isophorone	9.578	82	234056	48.260	ng		96
26) 2-Nitrophenol	9.760	139	54908	59.983	ng	#	92
27) 2,4-Dimethylphenol	9.824	122	106013	72.915	ng		91
28) bis(2-Chloroethoxy)met...	10.059	93	133167	45.289	ng		99
29) 2,4-Dichlorophenol	10.294	162	101331	55.195	ng		97
30) 1,2,4-Trichlorobenzene	10.512	180	104187	47.011	ng		96
31) Naphthalene	10.700	128	336052	46.541	ng		99
32) Benzoic acid	9.971	122	81560m	58.719	ng		
33) 4-Chloroaniline	10.806	127	35846	13.583	ng		96
34) Hexachlorobutadiene	10.988	225	73766	50.780	ng		96
35) Caprolactam	11.569	113	39759m	56.513	ng		
36) 4-Chloro-3-methylphenol	11.934	107	137000	56.929	ng		97
37) 2-Methylnaphthalene	12.304	142	225038	44.148	ng		98
38) 1-Methylnaphthalene	12.527	142	245128	49.085	ng		99
40) 1,2,4,5-Tetrachloroben...	12.680	216	130005	43.525	ng	#	94
41) Hexachlorocyclopentadiene	12.662	237	194806	231.729	ng		94
43) 2,4,6-Trichlorophenol	12.915	196	98672	56.052	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064170.D
Acq On : 3 Apr 2025 17:15
Operator : RC/JU
Sample : PB167376BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 18:05:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB167376BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	106117	54.251	ng		97
46) 1,1'-Biphenyl	13.320	154	360307	45.584	ng		98
47) 2-Chloronaphthalene	13.361	162	264715	45.919	ng		99
48) 2-Nitroaniline	13.555	65	107778	54.739	ng		95
49) Acenaphthylene	14.207	152	466461	51.156	ng		99
50) Dimethylphthalate	13.943	163	373965	48.423	ng		100
51) 2,6-Dinitrotoluene	14.061	165	82324	52.226	ng		96
52) Acenaphthene	14.548	154	284596	46.507	ng		96
53) 3-Nitroaniline	14.384	138	37527	25.142	ng		97
54) 2,4-Dinitrophenol	14.595	184	98791	144.214	ng	#	76
55) Dibenzofuran	14.883	168	453634	45.760	ng		96
56) 4-Nitrophenol	14.701	139	147343	117.703	ng		90
57) 2,4-Dinitrotoluene	14.848	165	126213	57.593	ng	#	99
58) Fluorene	15.529	166	382418	49.529	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.112	232	111852m	58.656	ng		
60) Diethylphthalate	15.312	149	423767	50.545	ng		99
61) 4-Chlorophenyl-phenyle...	15.529	204	186522	48.612	ng	#	87
62) 4-Nitroaniline	15.547	138	87108	54.054	ng		89
63) Azobenzene	15.823	77	418353	46.762	ng		99
65) 4,6-Dinitro-2-methylph...	15.606	198	74227	64.355	ng		93
66) n-Nitrosodiphenylamine	15.741	169	348494	48.520	ng		98
67) 4-Bromophenyl-phenylether	16.422	248	130888	50.365	ng		96
68) Hexachlorobenzene	16.534	284	142137	48.853	ng		98
69) Atrazine	16.693	200	139921	66.209	ng		96
70) Pentachlorophenol	16.881	266	192761	106.706	ng		99
71) Phenanthrene	17.269	178	653436	48.280	ng		98
72) Anthracene	17.357	178	679289	50.475	ng		98
73) Carbazole	17.627	167	614384	48.896	ng		98
74) Di-n-butylphthalate	18.197	149	749181	50.653	ng		100
75) Fluoranthene	19.278	202	756375	46.357	ng		98
77) Benzidine	19.460	184	200166	58.154	ng		99
78) Pyrene	19.636	202	783605	48.904	ng		100
80) Butylbenzylphthalate	20.535	149	334596	55.069	ng		97
81) Benzo(a)anthracene	21.434	228	796877	50.046	ng		99
82) 3,3'-Dichlorobenzidine	21.358	252	146108	28.353	ng		97
83) Chrysene	21.499	228	747304	47.057	ng		99
84) Bis(2-ethylhexyl)phtha...	21.370	149	491136	57.034	ng		99
85) Di-n-octyl phthalate	22.509	149	855705	57.611	ng		99
87) Indeno(1,2,3-cd)pyrene	27.874	276	928667	51.555	ng	#	96
88) Benzo(b)fluoranthene	23.520	252	765183	47.014	ng		99
89) Benzo(k)fluoranthene	23.585	252	788472	48.290	ng		99
90) Benzo(a)pyrene	24.331	252	742012	51.191	ng		95
91) Dibenzo(a,h)anthracene	27.933	278	757065	50.695	ng		98
92) Benzo(g,h,i)perylene	28.925	276	736625	48.043	ng		96

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

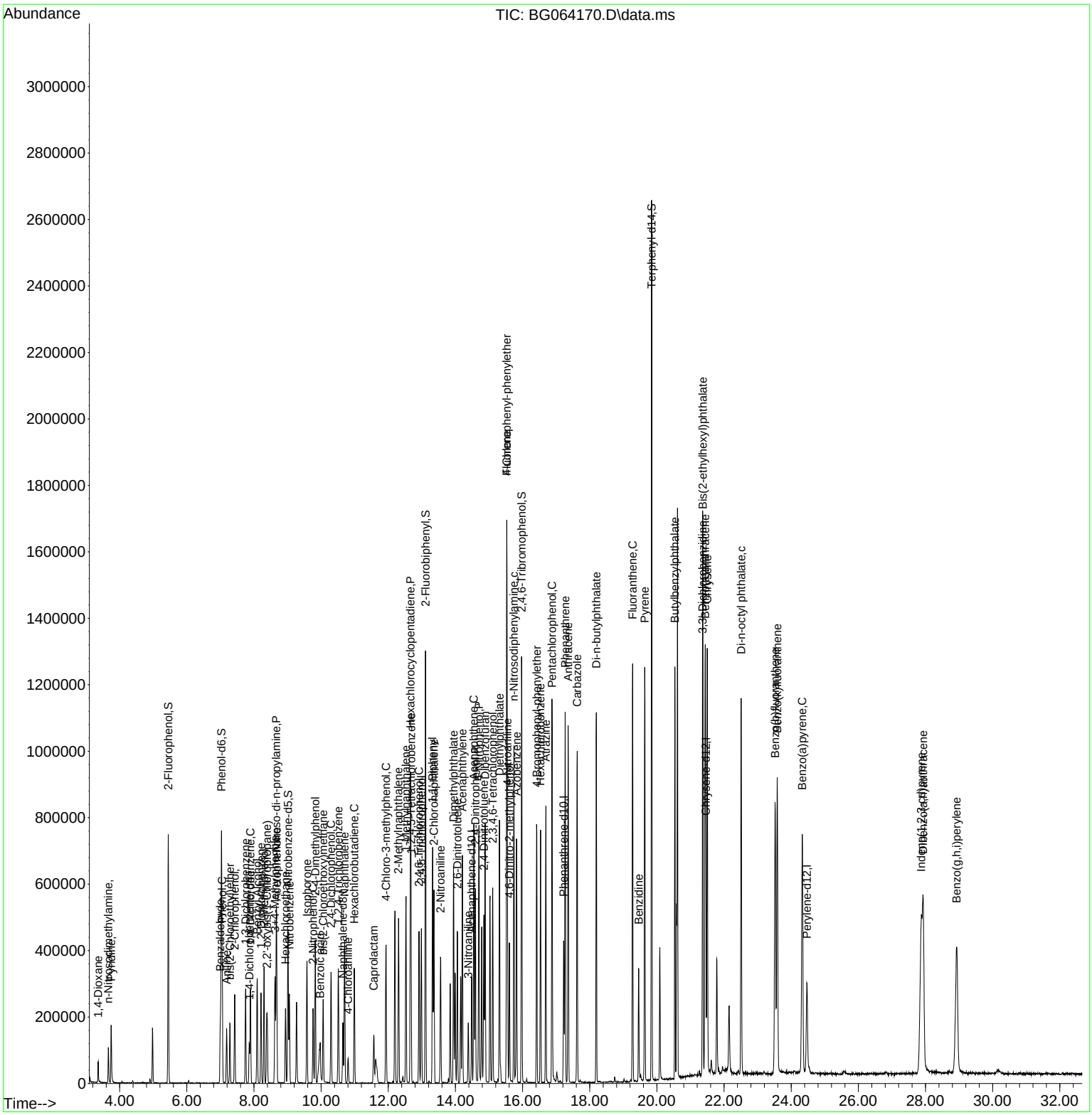
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064170.D
Acq On : 3 Apr 2025 17:15
Operator : RC/JU
Sample : PB167376BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 03 18:05:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB167376BS

Manual Integrations APPROVED

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



Raw Data: **BG064172.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB167376BSD	SDG No.:	Q1666
Lab Sample ID:	PB167376BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group4
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064172.D	1	03/28/25 12:35	04/03/25 18:36	PB167376

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
108-95-2	Phenol	52.3		0.91	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	46.1		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.8		0.54	5.00	ug/L
91-20-3	Naphthalene	46.9		0.50	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	145		15 (10) - 110 (139)	97%	SPK: 150
13127-88-3	Phenol-d6	145		15 (10) - 110 (134)	97%	SPK: 150
4165-60-0	Nitrobenzene-d5	104		30 (49) - 130 (133)	104%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.4		30 (52) - 130 (132)	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	173	*	15 (44) - 110 (137)	115%	SPK: 150
1718-51-0	Terphenyl-d14	98.4		30 (48) - 130 (125)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	29000	7.859			
1146-65-2	Naphthalene-d8	133000	10.65			
15067-26-2	Acenaphthene-d10	108000	14.487			
1517-22-2	Phenanthrene-d10	248000	17.225			
1719-03-5	Chrysene-d12	245000	21.455			
1520-96-3	Perylene-d12	265000	24.464			

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_G\Data\BG040325\
Data File : BG064172.D
Acq On : 3 Apr 2025 18:36
Operator : RC/JU
Sample : PB167376BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 04 01:45:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB167376BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
04/04/2025
Supervised By :Jagrut Upadhyay
04/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.859	152	28993	20.000	ng		0.00
21) Naphthalene-d8	10.650	136	132732	20.000	ng	#	0.00
39) Acenaphthene-d10	14.487	164	108026	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	247693	20.000	ng		0.00
76) Chrysene-d12	21.455	240	244859	20.000	ng		0.00
86) Perylene-d12	24.464	264	265274	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.450	112	268867	144.801	ng		0.00
7) Phenol-d6	7.031	99	366891	145.247	ng		0.00
23) Nitrobenzene-d5	9.011	82	248870	103.615	ng		0.00
42) 2,4,6-Tribromophenol	15.973	330	207197	172.551	ng		0.00
45) 2-Fluorobiphenyl	13.112	172	622156	87.420	ng		0.00
79) Terphenyl-d14	19.845	244	1191059	98.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.359	88	25655	30.487	ng		98
3) Pyridine	3.747	79	72687	35.517	ng		99
4) n-Nitrosodimethylamine	3.664	42	59325	40.572	ng		100
6) Aniline	7.184	93	90557	36.535	ng		95
8) 2-Chlorophenol	7.425	128	104121	52.211	ng		98
9) Benzaldehyde	6.996	77	57552	39.175	ng		93
10) Phenol	7.055	94	135282	52.309	ng		94
11) bis(2-Chloroethyl)ether	7.284	93	92520	45.631	ng		97
12) 1,3-Dichlorobenzene	7.748	146	101516	46.356	ng		92
13) 1,4-Dichlorobenzene	7.895	146	103412	46.070	ng		97
14) 1,2-Dichlorobenzene	8.206	146	101172	46.742	ng		96
15) Benzyl Alcohol	8.094	79	105681	54.141	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.388	45	210886	46.257	ng		99
17) 2-Methylphenol	8.300	107	94383	54.988	ng		95
18) Hexachloroethane	8.935	117	41877	53.323	ng		94
19) n-Nitroso-di-n-propyla...	8.664	70	84992	47.944	ng		100
20) 3+4-Methylphenols	8.623	107	127285	53.866	ng		92
22) Acetophenone	8.676	105	164977	45.333	ng	#	98
24) Nitrobenzene	9.052	77	126923	51.133	ng		93
25) Isophorone	9.575	82	237603	49.424	ng		97
26) 2-Nitrophenol	9.763	139	55538	60.951	ng		94
27) 2,4-Dimethylphenol	9.828	122	109842	76.216	ng		97
28) bis(2-Chloroethoxy)met...	10.063	93	137132	47.049	ng		97
29) 2,4-Dichlorophenol	10.298	162	103540	56.896	ng		95
30) 1,2,4-Trichlorobenzene	10.509	180	104996	47.794	ng		99
31) Naphthalene	10.697	128	335806	46.918	ng		99
32) Benzoic acid	9.975	122	78495m	57.264	ng		
33) 4-Chloroaniline	10.803	127	36778	14.059	ng		92
34) Hexachlorobutadiene	10.991	225	74156	51.499	ng		98
35) Caprolactam	11.579	113	39760m	57.013	ng		
36) 4-Chloro-3-methylphenol	11.931	107	141381	59.268	ng		96
37) 2-Methylnaphthalene	12.307	142	231393	45.795	ng		97
38) 1-Methylnaphthalene	12.530	142	245508	49.595	ng		98
40) 1,2,4,5-Tetrachloroben...	12.677	216	134982	43.768	ng	#	97
41) Hexachlorocyclopentadiene	12.660	237	198293	228.444	ng		96
43) 2,4,6-Trichlorophenol	12.912	196	96148	52.897	ng		92

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064172.D
Acq On : 3 Apr 2025 18:36
Operator : RC/JU
Sample : PB167376BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 04 01:45:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB167376BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
04/04/2025

Supervised By :Jagrut Upadhyay
04/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	108604	53.773	ng		99
46) 1,1'-Biphenyl	13.318	154	364540	44.666	ng		98
47) 2-Chloronaphthalene	13.359	162	269809	45.328	ng		99
48) 2-Nitroaniline	13.559	65	107439	53.182	ng		99
49) Acenaphthylene	14.205	152	471217	50.049	ng		100
50) Dimethylphthalate	13.946	163	383738	48.122	ng		98
51) 2,6-Dinitrotoluene	14.058	165	81764	50.364	ng		94
52) Acenaphthene	14.546	154	284564	45.036	ng		99
53) 3-Nitroaniline	14.387	138	37493	24.327	ng		92
54) 2,4-Dinitrophenol	14.593	184	102314	144.626	ng	#	81
55) Dibenzofuran	14.887	168	459082	44.850	ng		95
56) 4-Nitrophenol	14.698	139	148844	115.155	ng	#	84
57) 2,4-Dinitrotoluene	14.845	165	125020	55.400	ng	#	99
58) Fluorene	15.533	166	381959	47.911	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	111402m	56.579	ng		
60) Diethylphthalate	15.310	149	423867	48.964	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	188632	47.613	ng		91
62) 4-Nitroaniline	15.550	138	89271	53.651	ng		90
63) Azobenzene	15.821	77	418171	45.269	ng		96
65) 4,6-Dinitro-2-methylph...	15.609	198	78131	68.754	ng		96
66) n-Nitrosodiphenylamine	15.744	169	346065	49.359	ng		98
67) 4-Bromophenyl-phenylether	16.420	248	130703	51.522	ng		96
68) Hexachlorobenzene	16.538	284	140418	49.441	ng		99
69) Atrazine	16.696	200	140651	68.180	ng		96
70) Pentachlorophenol	16.878	266	187092	106.098	ng		99
71) Phenanthrene	17.266	178	641279	48.540	ng		99
72) Anthracene	17.360	178	663760	50.526	ng		99
73) Carbazole	17.624	167	591064	48.190	ng		99
74) Di-n-butylphthalate	18.194	149	739974	51.253	ng		99
75) Fluoranthene	19.275	202	751778	47.201	ng		97
77) Benzidine	19.458	184	217571	64.169	ng		99
78) Pyrene	19.640	202	766658	48.572	ng		99
80) Butylbenzylphthalate	20.539	149	332606	55.538	ng		96
81) Benzo(a)anthracene	21.438	228	789334	50.324	ng		99
82) 3,3'-Dichlorobenzidine	21.355	252	144029	28.373	ng		94
83) Chrysene	21.502	228	752151	48.080	ng		99
84) Bis(2-ethylhexyl)phtha...	21.367	149	487207	57.435	ng		100
85) Di-n-octyl phthalate	22.507	149	840388	57.437	ng		100
87) Indeno(1,2,3-cd)pyrene	27.871	276	901944	50.817	ng		97
88) Benzo(b)fluoranthene	23.518	252	765943	47.762	ng		99
89) Benzo(k)fluoranthene	23.588	252	755150	46.938	ng		98
90) Benzo(a)pyrene	24.328	252	738160	51.684	ng		99
91) Dibenzo(a,h)anthracene	27.924	278	754650	51.286	ng		99
92) Benzo(g,h,i)perylene	28.935	276	725108	47.996	ng		95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064172.D
Acq On : 3 Apr 2025 18:36
Operator : RC/JU
Sample : PB167376BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

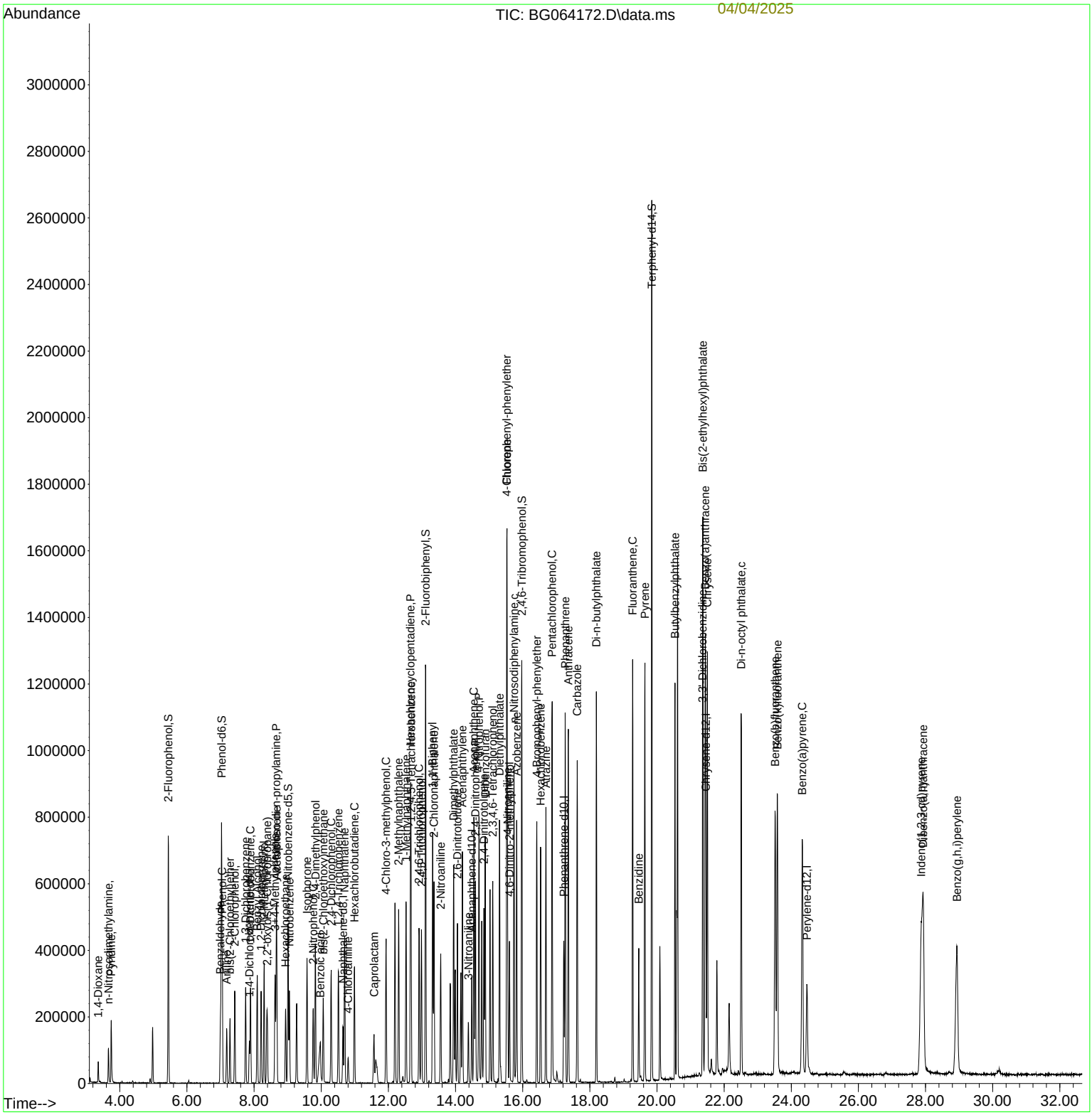
Quant Time: Apr 04 01:45:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB167376BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
04/04/2025

Supervised By :Jagrut Upadhyay
04/04/2025



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

Manual Integration Report

Sequence:	bg030525	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064046.D	1,2-Dichlorobenzene	Jagrut	3/6/2025 5:46:12 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC005	BG064046.D	1,4-Dichlorobenzene	Jagrut	3/6/2025 5:46:12 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC005	BG064046.D	2,4,6-Trichlorophenol	Jagrut	3/6/2025 5:46:12 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC005	BG064046.D	Acenaphthene	Jagrut	3/6/2025 5:46:12 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC005	BG064046.D	Benzidine	Jagrut	3/6/2025 5:46:12 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC010	BG064047.D	Acenaphthene	Jagrut	3/6/2025 5:46:22 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC010	BG064047.D	Benzaldehyde	Jagrut	3/6/2025 5:46:22 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC010	BG064047.D	Benzidine	Jagrut	3/6/2025 5:46:22 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC010	BG064047.D	Benzoic acid	Jagrut	3/6/2025 5:46:22 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC020	BG064048.D	Acenaphthene	Jagrut	3/6/2025 5:46:24 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC020	BG064048.D	Benzaldehyde	Jagrut	3/6/2025 5:46:24 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC020	BG064048.D	Benzoic acid	Jagrut	3/6/2025 5:46:24 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICCC040	BG064049.D	Acenaphthene	Jagrut	3/6/2025 5:46:27 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bg030525	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BG064049.D	Benzoic acid	Jagrut	3/6/2025 5:46:27 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC050	BG064050.D	Acenaphthene	Jagrut	3/6/2025 5:46:30 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC050	BG064050.D	Benzoic acid	Jagrut	3/6/2025 5:46:30 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC060	BG064051.D	Benzoic acid	Jagrut	3/6/2025 5:46:32 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICC080	BG064052.D	Benzoic acid	Jagrut	3/6/2025 5:46:36 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICV040	BG064053.D	Acenaphthene	Jagrut	3/6/2025 5:46:42 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICV040	BG064053.D	Benzaldehyde	Jagrut	3/6/2025 5:46:42 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software
SSTDICV040	BG064053.D	Benzoic acid	Jagrut	3/6/2025 5:46:42 PM	mohammad	3/7/2025 6:01:50 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bg040125	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064130.D	Acenaphthene	anahy	4/2/2025 10:04:54 AM	Jagrut	4/2/2025 10:55:16 AM	Peak Integrated by Software
SSTDCCC040	BG064130.D	Benzoic acid	anahy	4/2/2025 10:04:54 AM	Jagrut	4/2/2025 10:55:16 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BG040325	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064164.D	Benzoic acid	anahy	4/4/2025 10:53:43 AM	Jagrut	4/4/2025 11:51:59 AM	Peak Integrated by Software
PB167376BS	BG064170.D	2,2"-oxybis(1-Chloropropane)	Rahul	4/4/2025 11:47:10 AM	Jagrut	4/4/2025 11:52:08 AM	Peak Integrated by Software
PB167376BS	BG064170.D	2,3,4,6-Tetrachlorophenol	Rahul	4/4/2025 11:47:10 AM	Jagrut	4/4/2025 11:52:08 AM	Peak Integrated by Software
PB167376BS	BG064170.D	Benzoic acid	Rahul	4/4/2025 11:47:10 AM	Jagrut	4/4/2025 11:52:08 AM	Peak Integrated by Software
PB167376BS	BG064170.D	Caprolactam	Rahul	4/4/2025 11:47:10 AM	Jagrut	4/4/2025 11:52:08 AM	Peak Integrated by Software
PB167376BSD	BG064172.D	2,3,4,6-Tetrachlorophenol	Rahul	4/4/2025 11:47:12 AM	Jagrut	4/4/2025 11:52:10 AM	Peak Integrated by Software
PB167376BSD	BG064172.D	Benzoic acid	Rahul	4/4/2025 11:47:12 AM	Jagrut	4/4/2025 11:52:10 AM	Peak Integrated by Software
PB167376BSD	BG064172.D	Caprolactam	Rahul	4/4/2025 11:47:12 AM	Jagrut	4/4/2025 11:52:10 AM	Peak Integrated by Software
SSTDCCC040	BG064180.D	2,3,4,6-Tetrachlorophenol	Rahul	4/4/2025 11:47:25 AM	Jagrut	4/4/2025 11:52:22 AM	Peak Integrated by Software
SSTDCCC040	BG064180.D	Benzoic acid	Rahul	4/4/2025 11:47:25 AM	Jagrut	4/4/2025 11:52:22 AM	Peak Integrated by Software

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG030525

Review By	Jagrut	Review On	3/6/2025 5:46:57 PM				
Supervise By	mohammad	Supervise On	3/7/2025 6:01:50 AM				
SubDirectory	BG030525	HP Acquire Method	BNA_G			HP Processing Method	bg030525

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064044.D	5 Mar 2025 8:15	RC/JU	Ok
2	SSTDICC2.5	BG064045.D	5 Mar 2025 9:02	RC/JU	Ok
3	SSTDICC005	BG064046.D	5 Mar 2025 9:42	RC/JU	Ok,M
4	SSTDICC010	BG064047.D	5 Mar 2025 10:22	RC/JU	Ok,M
5	SSTDICC020	BG064048.D	5 Mar 2025 11:03	RC/JU	Ok,M
6	SSTDICCC040	BG064049.D	5 Mar 2025 11:43	RC/JU	Ok,M
7	SSTDICC050	BG064050.D	5 Mar 2025 12:23	RC/JU	Ok,M
8	SSTDICC060	BG064051.D	5 Mar 2025 13:04	RC/JU	Ok,M
9	SSTDICC080	BG064052.D	5 Mar 2025 13:44	RC/JU	Ok,M
10	SSTDICV040	BG064053.D	5 Mar 2025 15:10	RC/JU	Ok,M
11	PB166970BL	BG064054.D	5 Mar 2025 15:50	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG040125

Review By	anahy	Review On	4/2/2025 10:09:51 AM				
Supervise By	Jagrut	Supervise On	4/2/2025 10:55:40 AM				
SubDirectory	BG040125	HP Acquire Method	BNA_G		HP Processing Method	bg030525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064129.D	1 Apr 2025 10:13	RC/JU	Ok
2	SSTDCCC040	BG064130.D	1 Apr 2025 11:38	RC/JU	Ok,M
3	PB167373TB	BG064131.D	1 Apr 2025 12:19	RC/JU	Ok
4	Q1666-01	BG064132.D	1 Apr 2025 13:02	RC/JU	Ok
5	Q1672-01	BG064133.D	1 Apr 2025 13:43	RC/JU	Ok
6	Q1664-04	BG064134.D	1 Apr 2025 14:23	RC/JU	Ok
7	Q1664-05MS	BG064135.D	1 Apr 2025 15:03	RC/JU	Ok,M
8	Q1664-06MSD	BG064136.D	1 Apr 2025 15:44	RC/JU	Ok,M
9	Q1664-08	BG064137.D	1 Apr 2025 16:24	RC/JU	Ok
10	Q1664-10	BG064138.D	1 Apr 2025 17:04	RC/JU	Ok
11	Q1664-12	BG064139.D	1 Apr 2025 17:45	RC/JU	Ok
12	Q1664-14	BG064140.D	1 Apr 2025 18:25	RC/JU	Ok
13	Q1664-16	BG064141.D	1 Apr 2025 19:05	RC/JU	Ok
14	Q1664-18	BG064142.D	1 Apr 2025 19:45	RC/JU	Ok
15	Q1664-20	BG064143.D	1 Apr 2025 20:26	RC/JU	Ok
16	Q1664-22	BG064144.D	1 Apr 2025 21:06	RC/JU	Ok
17	Q1687-01	BG064145.D	1 Apr 2025 21:46	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG040325

Review By	Rahul	Review On	4/4/2025 11:48:21 AM				
Supervise By	Jagrut	Supervise On	4/4/2025 11:52:54 AM				
SubDirectory	BG040325	HP Acquire Method	BNA_G		HP Processing Method	bg030525	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064163.D	3 Apr 2025 12:24	RC/JU	Ok
2	SSTDCCC040	BG064164.D	3 Apr 2025 13:04	RC/JU	Ok,M
3	PB167380BL	BG064165.D	3 Apr 2025 13:45	RC/JU	Ok
4	PB167380BS	BG064166.D	3 Apr 2025 14:25	RC/JU	Ok,M
5	PB167376BL	BG064167.D	3 Apr 2025 15:13	RC/JU	Ok
6	PB167417BS	BG064168.D	3 Apr 2025 15:54	RC/JU	Ok,M
7	PB167393TB	BG064169.D	3 Apr 2025 16:34	RC/JU	Ok
8	PB167376BS	BG064170.D	3 Apr 2025 17:15	RC/JU	Ok,M
9	PB167393BL	BG064171.D	3 Apr 2025 17:56	RC/JU	Ok
10	PB167376BSD	BG064172.D	3 Apr 2025 18:36	RC/JU	Ok,M
11	PB167393BS	BG064173.D	3 Apr 2025 19:17	RC/JU	Ok,M
12	PB167451BL	BG064174.D	3 Apr 2025 19:58	RC/JU	Ok
13	PB167451BS	BG064175.D	3 Apr 2025 20:38	RC/JU	Ok,M
14	PB167451BSD	BG064176.D	3 Apr 2025 21:19	RC/JU	Ok,M
15	PB167445BS	BG064177.D	3 Apr 2025 22:00	RC/JU	Ok,M
16	Q1690-01	BG064178.D	3 Apr 2025 22:40	RC/JU	Ok
17	DFTPP	BG064179.D	3 Apr 2025 23:21	RC/JU	Ok
18	SSTDCCC040	BG064180.D	4 Apr 2025 00:02	RC/JU	Ok,M
19	PB167445BL	BG064181.D	4 Apr 2025 00:42	RC/JU	Ok
20	PB167408TB	BG064182.D	4 Apr 2025 1:23	RC/JU	Ok
21	Q1680-04	BG064183.D	4 Apr 2025 2:04	RC/JU	Ok

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG040325

Review By	Rahul	Review On	4/4/2025 11:48:21 AM		
Supervise By	Jagrut	Supervise On	4/4/2025 11:52:54 AM		
SubDirectory	BG040325	HP Acquire Method	BNA_G	HP Processing Method	bg030525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1680-04MS	BG064184.D	4 Apr 2025 2:44	RC/JU	Ok,M
23	Q1680-04MSD	BG064185.D	4 Apr 2025 3:25	RC/JU	Ok,M
24	Q1681-04	BG064186.D	4 Apr 2025 4:05	RC/JU	Ok
25	Q1693-04	BG064187.D	4 Apr 2025 4:46	RC/JU	Ok
26	Q1693-08	BG064188.D	4 Apr 2025 5:26	RC/JU	Ok
27	Q1693-12	BG064189.D	4 Apr 2025 6:07	RC/JU	Ok
28	Q1694-04	BG064190.D	4 Apr 2025 6:47	RC/JU	Ok
29	Q1695-04	BG064191.D	4 Apr 2025 7:27	RC/JU	Ok
30	Q1695-08	BG064192.D	4 Apr 2025 8:08	RC/JU	Ok
31	Q1705-02	BG064193.D	4 Apr 2025 8:48	RC/JU	Ok
32	Q1705-01	BG064194.D	4 Apr 2025 9:28	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG030525

Review By	Jagrut	Review On	3/6/2025 5:46:57 PM		
Supervise By	mohammad	Supervise On	3/7/2025 6:01:50 AM		
SubDirectory	BG030525	HP Acquire Method	BNA_G	HP Processing Method	bg030525

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064044.D	5 Mar 2025 8:15		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064045.D	5 Mar 2025 9:02		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064046.D	5 Mar 2025 9:42	Compound#32,54,56,65,70,85 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064047.D	5 Mar 2025 10:22		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064048.D	5 Mar 2025 11:03	Compound#32,51,54,57,65,80 Kept on LR & Compound#26,48 Kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064049.D	5 Mar 2025 11:43	Calibration is good for 8270 E and 8270 DOD. Benzidine failed in the Calibration.	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BG064050.D	5 Mar 2025 12:23		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BG064051.D	5 Mar 2025 13:04	Compound#69 removed from 60 ppm	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BG064052.D	5 Mar 2025 13:44	Compound#9,69 removed from 80 ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBG030525	BG064053.D	5 Mar 2025 15:10		RC/JU	Ok,M
11	PB166970BL	PB166970BL	BG064054.D	5 Mar 2025 15:50		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG040125

Review By	anahy	Review On	4/2/2025 10:09:51 AM		
Supervise By	Jagrut	Supervise On	4/2/2025 10:55:40 AM		
SubDirectory	BG040125	HP Acquire Method	BNA_G	HP Processing Method	bg030525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064129.D	1 Apr 2025 10:13		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064130.D	1 Apr 2025 11:38		RC/JU	Ok,M
3	PB167373TB	PB167373TB	BG064131.D	1 Apr 2025 12:19		RC/JU	Ok
4	Q1666-01	TW-WTS-05	BG064132.D	1 Apr 2025 13:02		RC/JU	Ok
5	Q1672-01	TP-8	BG064133.D	1 Apr 2025 13:43		RC/JU	Ok
6	Q1664-04	P001-BBDGA-001-01	BG064134.D	1 Apr 2025 14:23		RC/JU	Ok
7	Q1664-05MS	P001-BBDGA-001-01-0	BG064135.D	1 Apr 2025 15:03		RC/JU	Ok,M
8	Q1664-06MSD	P001-BBDGA-001-01-0	BG064136.D	1 Apr 2025 15:44		RC/JU	Ok,M
9	Q1664-08	P001-BBDGA-001-02	BG064137.D	1 Apr 2025 16:24		RC/JU	Ok
10	Q1664-10	P001-BBDGA-002-01	BG064138.D	1 Apr 2025 17:04		RC/JU	Ok
11	Q1664-12	P001-BBDGA-003-01	BG064139.D	1 Apr 2025 17:45		RC/JU	Ok
12	Q1664-14	P001-BBDGA-004-01	BG064140.D	1 Apr 2025 18:25		RC/JU	Ok
13	Q1664-16	P001-BBDGA-005-01	BG064141.D	1 Apr 2025 19:05		RC/JU	Ok
14	Q1664-18	P001-BBDGA-006-01	BG064142.D	1 Apr 2025 19:45		RC/JU	Ok
15	Q1664-20	P001-BBDGA-007-01	BG064143.D	1 Apr 2025 20:26		RC/JU	Ok
16	Q1664-22	P001-BBDGA-008-01	BG064144.D	1 Apr 2025 21:06		RC/JU	Ok
17	Q1687-01	72-12016	BG064145.D	1 Apr 2025 21:46		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG040325

Review By	Rahul	Review On	4/4/2025 11:48:21 AM		
Supervise By	Jagrut	Supervise On	4/4/2025 11:52:54 AM		
SubDirectory	BG040325	HP Acquire Method	BNA_G	HP Processing Method	bg030525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064163.D	3 Apr 2025 12:24		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064164.D	3 Apr 2025 13:04		RC/JU	Ok,M
3	PB167380BL	PB167380BL	BG064165.D	3 Apr 2025 13:45		RC/JU	Ok
4	PB167380BS	PB167380BS	BG064166.D	3 Apr 2025 14:25		RC/JU	Ok,M
5	PB167376BL	PB167376BL	BG064167.D	3 Apr 2025 15:13		RC/JU	Ok
6	PB167417BS	PB167417BS	BG064168.D	3 Apr 2025 15:54		RC/JU	Ok,M
7	PB167393TB	PB167393TB	BG064169.D	3 Apr 2025 16:34		RC/JU	Ok
8	PB167376BS	PB167376BS	BG064170.D	3 Apr 2025 17:15		RC/JU	Ok,M
9	PB167393BL	PB167393BL	BG064171.D	3 Apr 2025 17:56		RC/JU	Ok
10	PB167376BSD	PB167376BSD	BG064172.D	3 Apr 2025 18:36		RC/JU	Ok,M
11	PB167393BS	PB167393BS	BG064173.D	3 Apr 2025 19:17		RC/JU	Ok,M
12	PB167451BL	PB167451BL	BG064174.D	3 Apr 2025 19:58		RC/JU	Ok
13	PB167451BS	PB167451BS	BG064175.D	3 Apr 2025 20:38		RC/JU	Ok,M
14	PB167451BSD	PB167451BSD	BG064176.D	3 Apr 2025 21:19		RC/JU	Ok,M
15	PB167445BS	PB167445BS	BG064177.D	3 Apr 2025 22:00		RC/JU	Ok,M
16	Q1690-01	MW112010	BG064178.D	3 Apr 2025 22:40	Surrogate Fail	RC/JU	Ok
17	DFTPP	DFTPP	BG064179.D	3 Apr 2025 23:21		RC/JU	Ok
18	SSTDCCC040	SSTDCCC040	BG064180.D	4 Apr 2025 00:02		RC/JU	Ok,M

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG040325

Review By	Rahul	Review On	4/4/2025 11:48:21 AM		
Supervise By	Jagrut	Supervise On	4/4/2025 11:52:54 AM		
SubDirectory	BG040325	HP Acquire Method	BNA_G	HP Processing Method	bg030525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12657,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PB167445BL	PB167445BL	BG064181.D	4 Apr 2025 00:42		RC/JU	Ok
20	PB167408TB	PB167408TB	BG064182.D	4 Apr 2025 1:23		RC/JU	Ok
21	Q1680-04	TP-4	BG064183.D	4 Apr 2025 2:04		RC/JU	Ok
22	Q1680-04MS	TP-4MS	BG064184.D	4 Apr 2025 2:44		RC/JU	Ok,M
23	Q1680-04MSD	TP-4MSD	BG064185.D	4 Apr 2025 3:25		RC/JU	Ok,M
24	Q1681-04	TP-12	BG064186.D	4 Apr 2025 4:05		RC/JU	Ok
25	Q1693-04	WCS-TP-3	BG064187.D	4 Apr 2025 4:46		RC/JU	Ok
26	Q1693-08	WCS-TP-2	BG064188.D	4 Apr 2025 5:26		RC/JU	Ok
27	Q1693-12	WCS-TP-1	BG064189.D	4 Apr 2025 6:07		RC/JU	Ok
28	Q1694-04	TP-18	BG064190.D	4 Apr 2025 6:47		RC/JU	Ok
29	Q1695-04	TT-2	BG064191.D	4 Apr 2025 7:27		RC/JU	Ok
30	Q1695-08	TT-3	BG064192.D	4 Apr 2025 8:08		RC/JU	Ok
31	Q1705-02	ETGI-275	BG064193.D	4 Apr 2025 8:48		RC/JU	Ok
32	Q1705-01	ETGI-327	BG064194.D	4 Apr 2025 9:28		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167376

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 03/28/2025

Extraction Start Time : 12:35

Extraction End Date : 03/28/2025

Extraction End Time : 17:35

Concentration By: EH

Supervisor By : rajesh

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6720
Surrogate	1.0ML	100/150 PPM	SP6638
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	E3904
Baked Na2SO4	N/A	EP2595
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial lot# 2210673. pH Adjusted<2 with 1:1 H2SO4 & >11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/28/25	RP (Lab)	RC/S VOC
19:40	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167376

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

Concentration Date: 03/28/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167376BL	SBLK376	SVOCMS Group4	1000	6	ritesh	rajesh	1			SEP-01
PB167376BS	SLCS376	SVOCMS Group4	1000	6	ritesh	rajesh	1			2
PB167376BSD	SLCSD376	SVOCMS Group4	1000	6	ritesh	rajesh	1			3
Q1666-01	TW-WTS-05	SVOCMS Group4	970	6	ritesh	rajesh	1	F		4

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

3/28/25

12:35
167376

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1666S **WorkList ID :** 188628 **Department :** Extraction **Date :** 03-28-2025 12:29:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1666-01	TW-WTS-05	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	I31	03/25/2025	8270E

Date/Time 03/28/25 12:30
Raw Sample Received by: RJ (Set 1 of 3)
Raw Sample Relinquished by: [signature]

Date/Time 03/28/25 12:50
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RJ (Set 1 of 3)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q16646

COC Number: 2042112

CLIENT INFORMATION

COMPANY: **ENTACT, LLC**
ADDRESS: **150 Bay Street, Suite 806**
CITY: **Jersey City** STATE: **NJ** ZIP: **07302**
ATTENTION: **Jarod Stanfield**
PHONE: **570-886-0442** FAX:

PROJECT INFORMATION

PROJECT NAME: **540 Degraw St Brooklyn, NY**
PROJECT #: **E9309** LOCATION: **Brooklyn, NY**
PROJECT MANAGER: **Jarod Stanfield**
E-MAIL: **jstanfield@entact.com**
PHONE: **570-886-0442** FAX:

BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: _____ DAYS*
EDD 5 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1	2	3	4	5	6	7	8	9
Metals	Flashpoint + PCB	VOC	SVOC + Chloride (Anions)	BOD+TSS				

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								B	E	E	E	E					<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
1.	TW-WTS-05	Surface Water		X	3/25	10:00	4	X	X	X	X	X					
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER 1. **Jarod Stanfield**	DATE/TIME 03/26/25 16:00	RECEIVED BY 1. 1230 3-27-25	**Conditions of bottles or coolers at receipt:** ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.3C ☐ Ice in Cooler?: _____
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	**Comments:**
RELINQUISHED BY 3.	DATE/TIME 1638 3-27-25	RECEIVED FOR LAB BY 3.	Page _____ of _____

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

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

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

QA Control Code: A2070148

Alliance TECHNICAL GROUP

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1666 ENTA05
Client Name : ENTACT
Client Contact : Jarod Stanfield
Invoice Name : ENTACT
Invoice Contact : Jarod Stanfield

Order Date : 3/27/2025 1:05:00 PM
Project Name : 540 Degraw St, Brooklyn, N
Receive DateTime : 3/27/2025 ~~12~~16:38:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1666-01	TW-WTS-05	Water	03/25/2025	10:00					
					VOCMS Group4		8260-Low		5 Bus. Days

Relinguished By :
Date / Time : 3/28/25 0900

Received By :
Date / Time : 3.28.25 09:00

Storage Area : VOA Refridgerator Room