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Cover Page

Order ID : Q3157

Project ID : Yard Soil Cleanup

Client : Always Available Construction LLC.

Lab Sample Number	Client Sample Number
Q3157-01	20-DEAD-1
Q3157-02	20-DEAD-1
Q3157-03	TB

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: 9/25/2025

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 #: **Q3157**

	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:** **09/25/2025**

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LAB CHRONICLE

OrderID:	Q3157	**OrderDate:**	9/19/2025 2:22:59 PM
Client:	Always Available Construction LLC.	**Project:**	Yard Soil Cleanup
Contact:	MIchael Roth	**Location:**	D31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3157-01	**20-DEAD-1**	**SOIL**			**09/19/25**			**09/19/25**
			SVOC-TCL BNA -20	8270E		09/22/25	09/23/25	
Q3157-02	**20-DEAD-1**	**TCLP**			**09/19/25**			**09/19/25**
			TCLP BNA	8270E		09/22/25	09/23/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3157

Client: Always Available Construction LLC.

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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3157

Client: Always Available Construction LLC.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169754TB	PB169754TB	2-Fluorophenol	150	171	114		23	138
		Phenol-d6	150	143	95		10	134
		Nitrobenzene-d5	100	109	109		67	132
		2-Fluorobiphenyl	100	106	106		52	132
		2,4,6-Tribromophenol	150	207	138	*	44	137
		Terphenyl-d14	100	114	114		42	152
PB169783BL	PB169783BL	2-Fluorophenol	150	145	96		23	138
		Phenol-d6	150	134	89		10	134
		Nitrobenzene-d5	100	90.0	90		67	132
		2-Fluorobiphenyl	100	89.0	89		52	132
		2,4,6-Tribromophenol	150	169	113		44	137
		Terphenyl-d14	100	96.0	96		42	152
PB169783BS	PB169783BS	2-Fluorophenol	150	145	96		23	138
		Phenol-d6	150	140	93		10	134
		Nitrobenzene-d5	100	88.5	88		67	132
		2-Fluorobiphenyl	100	84.6	85		52	132
		2,4,6-Tribromophenol	150	160	107		44	137
		Terphenyl-d14	100	91.3	91		42	152
Q3133-02MS	VNJ-238MS	2-Fluorophenol	150	155	103		23	138
		Phenol-d6	150	146	97		10	134
		Nitrobenzene-d5	100	116	116		67	132
		2-Fluorobiphenyl	100	116	116		52	132
		2,4,6-Tribromophenol	150	220	147	*	44	137
		Terphenyl-d14	100	122	122		42	152
Q3133-02MSD	VNJ-238MSD	2-Fluorophenol	150	164	109		23	138
		Phenol-d6	150	154	103		10	134
		Nitrobenzene-d5	100	117	117		67	132
		2-Fluorobiphenyl	100	116	116		52	132
		2,4,6-Tribromophenol	150	226	151	*	44	137
		Terphenyl-d14	100	125	125		42	152
Q3157-02	20-DEAD-1	2-Fluorophenol	150	158	106		23	138
		Phenol-d6	150	144	96		10	134
		Nitrobenzene-d5	100	122	122		67	132
		2-Fluorobiphenyl	100	114	114		52	132
		2,4,6-Tribromophenol	150	234	156	*	44	137
		Terphenyl-d14	100	118	118		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** SW8270E

Client: Always Available Construction LLC. **DataFile:** BG064423.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3133-02MS		**Client Sample ID: VNJ-238MS**									
Pyridine	500	0	310	ug/L	62				10	109	
1,4-Dichlorobenzene	500	0	490	ug/L	98				55	125	
2-Methylphenol	500	0	470	ug/L	94				60	131	
3+4-Methylphenols	500	0	480	ug/L	96				54	136	
Hexachloroethane	500	0	450	ug/L	90				19	146	
Nitrobenzene	500	0	510	ug/L	102				62	112	
Hexachlorobutadiene	500	0	610	ug/L	122				52	125	
2,4,6-Trichlorophenol	500	0	580	ug/L	116	*			78	112	
2,4,5-Trichlorophenol	500	0	620	ug/L	124	*			71	111	
2,4-Dinitrotoluene	500	0	610	ug/L	122				74	137	
Hexachlorobenzene	500	0	620	ug/L	124	*			72	115	
Pentachlorophenol	1000	0	1300	ug/L	130				52	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** SW8270E

Client: Always Available Construction LLC. **DataFile:** BG064424.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3133-02MSD		**Client Sample ID: VNJ-238MSD**									
Pyridine	500	0	330	ug/L	66		6		10	109	20
1,4-Dichlorobenzene	500	0	490	ug/L	98		0		55	125	20
2-Methylphenol	500	0	520	ug/L	104		10		60	131	20
3+4-Methylphenols	500	0	500	ug/L	100		4		54	136	20
Hexachloroethane	500	0	480	ug/L	96		6		19	146	20
Nitrobenzene	500	0	520	ug/L	104		2		62	112	20
Hexachlorobutadiene	500	0	610	ug/L	122		0		52	125	20
2,4,6-Trichlorophenol	500	0	620	ug/L	124	*	7		78	112	20
2,4,5-Trichlorophenol	500	0	620	ug/L	124	*	0		71	111	20
2,4-Dinitrotoluene	500	0	650	ug/L	130		6		74	137	20
Hexachlorobenzene	500	0	620	ug/L	124	*	0		72	115	20
Pentachlorophenol	1000	0	1400	ug/L	140		7		52	162	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3157 **Analytical Method:** 8270E

Client: Always Available Construction LLC. **DataFile:** BG064420.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169783BS	Pyridine	50	30.1	ug/L	60				29	97	
	1,4-Dichlorobenzene	50	41.9	ug/L	84				76	103	
	2-Methylphenol	50	39.9	ug/L	80				69	109	
	3+4-Methylphenols	50	40.1	ug/L	80				67	106	
	Hexachloroethane	50	41.2	ug/L	82				76	118	
	Nitrobenzene	50	41.4	ug/L	83				58	106	
	Hexachlorobutadiene	50	51.4	ug/L	103		*		69	101	
	2,4,6-Trichlorophenol	50	44.6	ug/L	89				61	110	
	2,4,5-Trichlorophenol	50	44.8	ug/L	90				70	106	
	2,4-Dinitrotoluene	50	48.4	ug/L	97				60	115	
	Hexachlorobenzene	50	47.2	ug/L	94				73	106	
	Pentachlorophenol	100	100	ug/L	100				47	114	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169783BL

Lab Name: Alliance | Contract: ALWA01

Lab Code: ACE | SDG NO.: Q3157

Lab File ID: BG064419.D | Lab Sample ID: PB169783BL

Instrument ID: BNA_G | Date Extracted: 09/22/2025

Matrix: (soil/water) water | Date Analyzed: 09/22/2025

Level: (low/med) LOW | Time Analyzed: 17:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169783BS	PB169783BS	BG064420.D	09/22/2025
VNJ-238MS	Q3133-02MS	BG064423.D	09/22/2025
VNJ-238MSD	Q3133-02MSD	BG064424.D	09/22/2025
20-DEAD-1	Q3157-02	BG064430.D	09/23/2025
PB169754TB	PB169754TB	BG064421.D	09/22/2025

COMMENTS:

Raw Data: **BG064217.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG NO.: Q3157

Lab File ID: BG064217.D DFTPP Injection Date: 08/28/2025

Instrument ID: BNA_G DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	90.8
443	15.0 - 24.0% of mass 442	17 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064218.D	08/28/2025	10:51
SSTDICC005	SSTDICC005	BG064219.D	08/28/2025	11:32
SSTDICC010	SSTDICC010	BG064220.D	08/28/2025	12:12
SSTDICC020	SSTDICC020	BG064221.D	08/28/2025	12:53
SSTDICCC040	SSTDICCC040	BG064222.D	08/28/2025	13:33
SSTDICC050	SSTDICC050	BG064223.D	08/28/2025	14:55
SSTDICC060	SSTDICC060	BG064224.D	08/28/2025	15:35
SSTDICC080	SSTDICC080	BG064225.D	08/28/2025	16:16

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: ALWA01

Lab Code: ACE — SDG NO.: Q3157

Lab File ID: BG064417.D — DFTPP Injection Date: 09/22/2025

Instrument ID: BNA_G — DFTPP Injection Time: 16:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	6.2
441	Present, but less than mass 443	9.4
442	Greater than 50% of mass 198	96.2
443	15.0 - 24.0% of mass 442	18.3 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064418.D	09/22/2025	16:57
PB169783BL	PB169783BL	BG064419.D	09/22/2025	17:38
PB169783BS	PB169783BS	BG064420.D	09/22/2025	18:18
PB169754TB	PB169754TB	BG064421.D	09/22/2025	18:59
VNJ-238MS	Q3133-02MS	BG064423.D	09/22/2025	20:21
VNJ-238MSD	Q3133-02MSD	BG064424.D	09/22/2025	21:02
20-DEAD-1	Q3157-02	BG064430.D	09/23/2025	01:08

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3157

Client ID : SSTDCCC040 Date Analyzed: 09/22/2025

Lab File ID: BG064418.D Time Analyzed: 16:57

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	18778	7.843	74720	10.63	52447	14.47
	UPPER LIMIT	37556	8.343	149440	11.128	104894	14.965
	LOWER LIMIT	9389	7.343	37360	10.128	26223.5	13.965
	EPA SAMPLE NO.						
01	20-DEAD-1	15630	7.84	63195	10.62	47171	14.47
02	PB169783BL	19046	7.84	76167	10.63	56503	14.46
03	PB169783BS	17950	7.84	77582	10.63	60373	14.47
04	PB169754TB	17631	7.84	68244	10.63	51178	14.47
05	VNJ-238MS	18545	7.84	77973	10.63	58753	14.47
06	VNJ-238MSD	17185	7.84	75788	10.63	57701	14.47

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3157

Client ID: SSTDCCC040 Date Analyzed: 09/22/2025

Lab File ID: BG064418.D Time Analyzed: 16:57

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	127555	17.208	142032	21.439	158235	24.435
	UPPER LIMIT	255110	17.708	284064	21.939	316470	24.935
	LOWER LIMIT	63777.5	16.708	71016	20.939	79117.5	23.935
	EPA SAMPLE NO.						
01	20-DEAD-1	124137	17.20	152786	21.43	169481	24.43
02	PB169783BL	147930	17.21	169803	21.44	186504	24.43
03	PB169783BS	145222	17.21	163041	21.44	171434	24.44
04	PB169754TB	135776	17.20	156064	21.43	171396	24.43
05	VNJ-238MS	142201	17.21	154879	21.43	170575	24.43
06	VNJ-238MSD	138853	17.21	148540	21.44	163739	24.43

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: **BG064421.D**

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Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/22/25
Project:	Yard Soil Cleanup	Date Received:	09/22/25
Client Sample ID:	PB169754TB	SDG No.:	Q3157
Lab Sample ID:	PB169754TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064421.D	1	09/22/25 10:30	09/22/25 18:59	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	UQ	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	171		23 - 138	114%	SPK: 150
13127-88-3	Phenol-d6	143		10 - 134	95%	SPK: 150
4165-60-0	Nitrobenzene-d5	109		67 - 132	109%	SPK: 100
321-60-8	2-Fluorobiphenyl	106		52 - 132	106%	SPK: 100
118-79-6	2,4,6-Tribromophenol	207	*	44 - 137	138%	SPK: 150
1718-51-0	Terphenyl-d14	114		42 - 152	114%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	17600	7.838			
1146-65-2	Naphthalene-d8	68200	10.628			
15067-26-2	Acenaphthene-d10	51200	14.465			
1517-22-2	Phenanthrene-d10	136000	17.203			
1719-03-5	Chrysene-d12	156000	21.433			
1520-96-3	Perylene-d12	171000	24.43			

Raw Data: **BG064421.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/22/25
Project:	Yard Soil Cleanup	Date Received:	09/22/25
Client Sample ID:	PB169754TB	SDG No.:	Q3157
Lab Sample ID:	PB169754TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064421.D	1	09/22/25 10:30	09/22/25 18:59	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064421.D
Acq On : 22 Sep 2025 18:59
Operator : RC/JU
Sample : PB169754TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169754TB

Quant Time: Sep 23 01:51:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

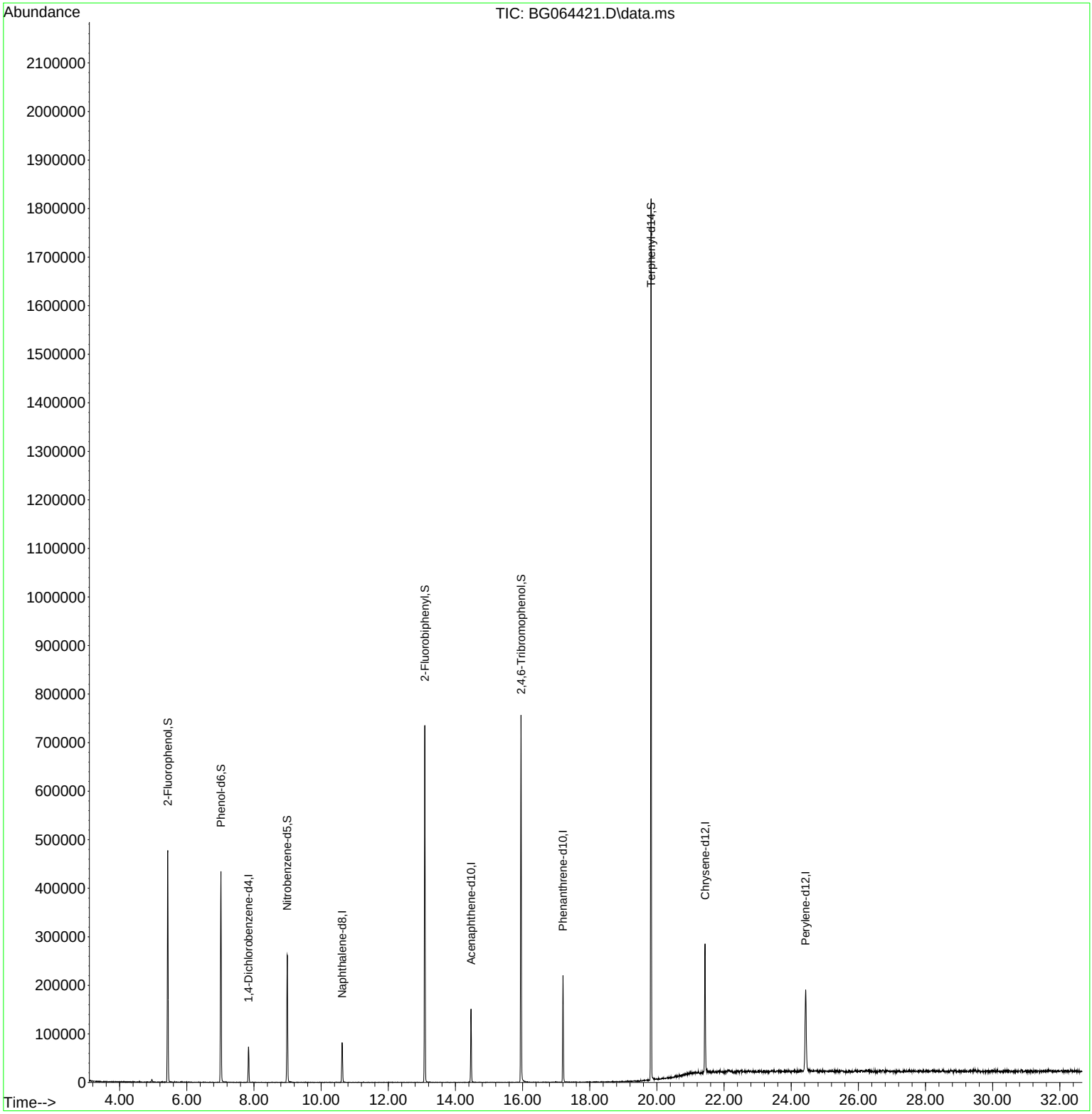
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	17631	20.000	ng	-0.02
21) Naphthalene-d8	10.628	136	68244	20.000	ng	#-0.02
39) Acenaphthene-d10	14.465	164	51178	20.000	ng	-0.02
64) Phenanthrene-d10	17.203	188	135776	20.000	ng	#-0.02
76) Chrysene-d12	21.433	240	156064	20.000	ng	#-0.02
86) Perylene-d12	24.430	264	171396	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	168183	171.140	ng	0.00
7) Phenol-d6	7.015	99	192749	142.767	ng	-0.02
23) Nitrobenzene-d5	8.989	82	132892	108.602	ng	-0.03
42) 2,4,6-Tribromophenol	15.957	330	140266	206.920	ng	-0.02
45) 2-Fluorobiphenyl	13.090	172	357045	106.486	ng	-0.02
79) Terphenyl-d14	19.829	244	854443	114.227	ng	-0.02
Target Compounds						Qvalue

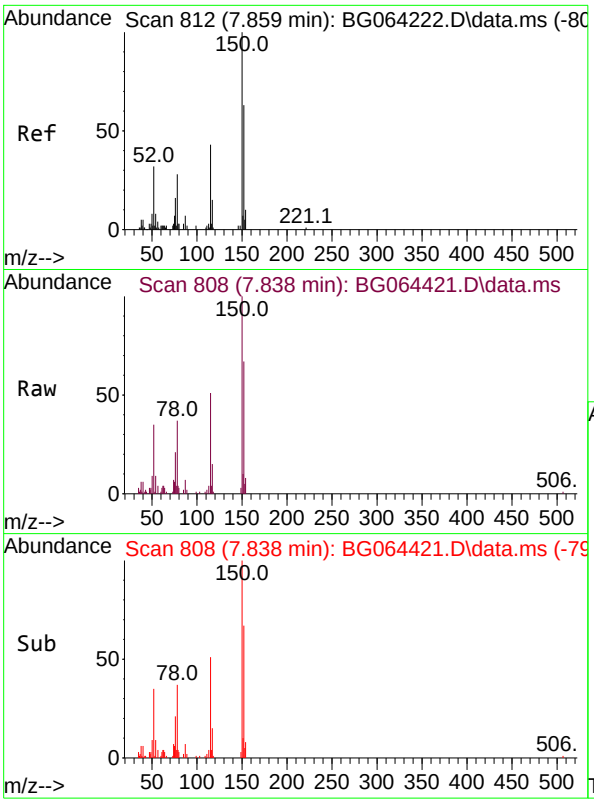
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064421.D
Acq On : 22 Sep 2025 18:59
Operator : RC/JU
Sample : PB169754TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169754TB

Quant Time: Sep 23 01:51:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



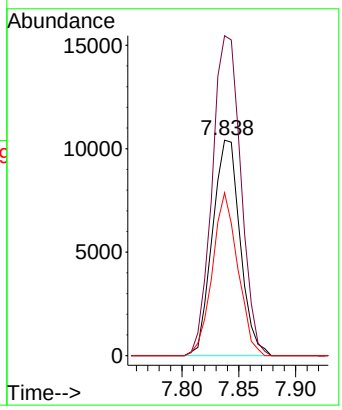


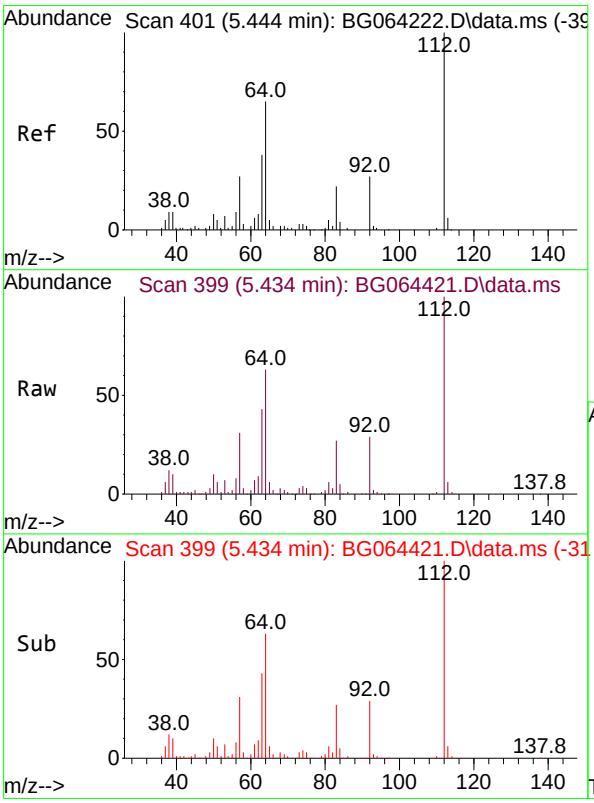
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.838 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Instrument :
BNA_G
ClientSampleId :
PB169754TB

Tgt Ion:152 Resp: 17631

Ion	Ratio	Lower	Upper
152	100		
150	148.5	128.0	192.0
115	75.6	55.7	83.5

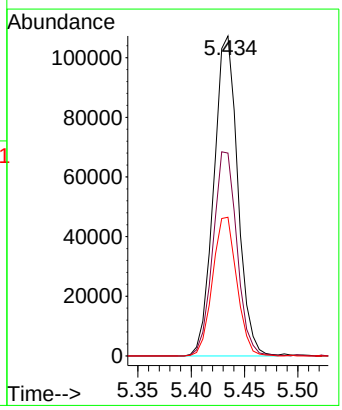


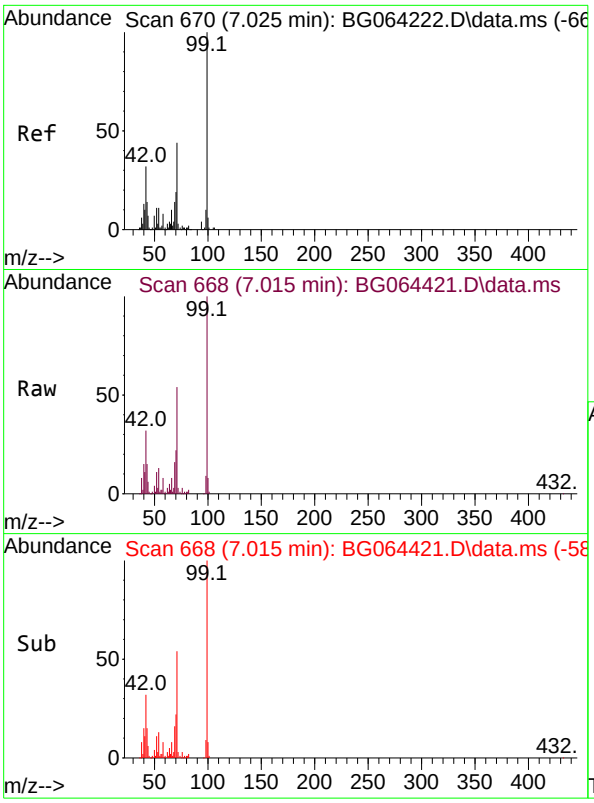


#5
2-Fluorophenol
Concen: 171.140 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.010 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Tgt Ion:112 Resp: 168183

Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.8	77.6
63	43.3	30.6	45.8



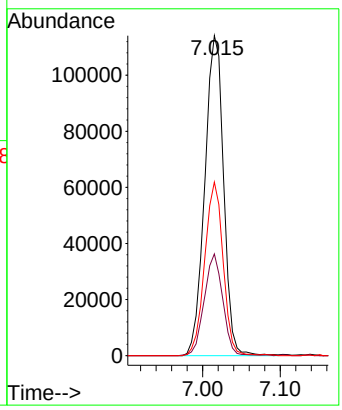


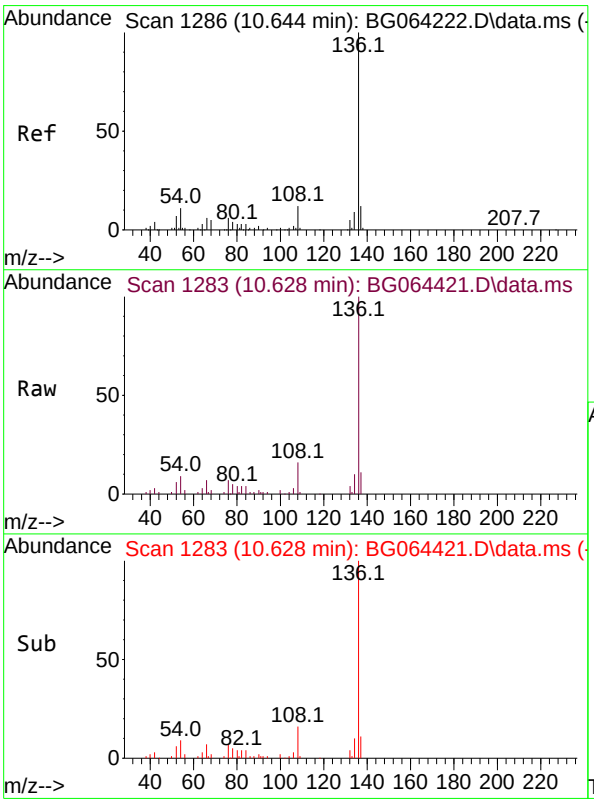
#7
Phenol-d6
Concen: 142.767 ng
RT: 7.015 min Scan# 6
Delta R.T. -0.016 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Instrument :
BNA_G
ClientSampleId :
PB169754TB

Tgt Ion: 99 Resp: 192749

Ion	Ratio	Lower	Upper
99	100		
42	31.8	25.8	38.8
71	54.2	35.2	52.8#

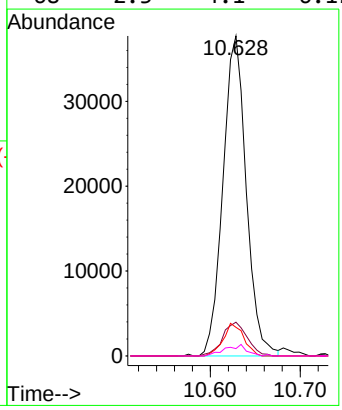


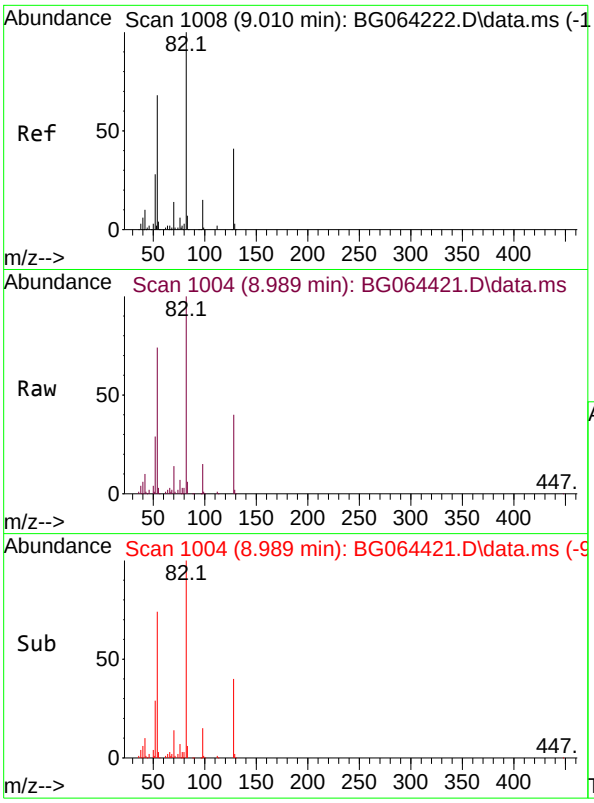


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1283
Delta R.T. -0.022 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Tgt Ion:136 Resp: 68244

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	8.9	8.8	13.2
68	2.3	4.1	6.1#



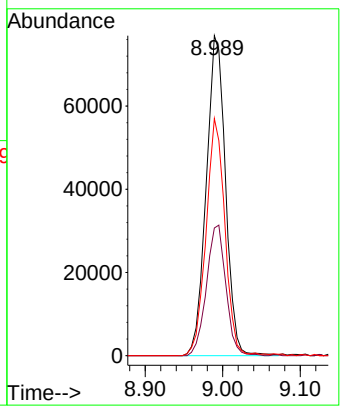


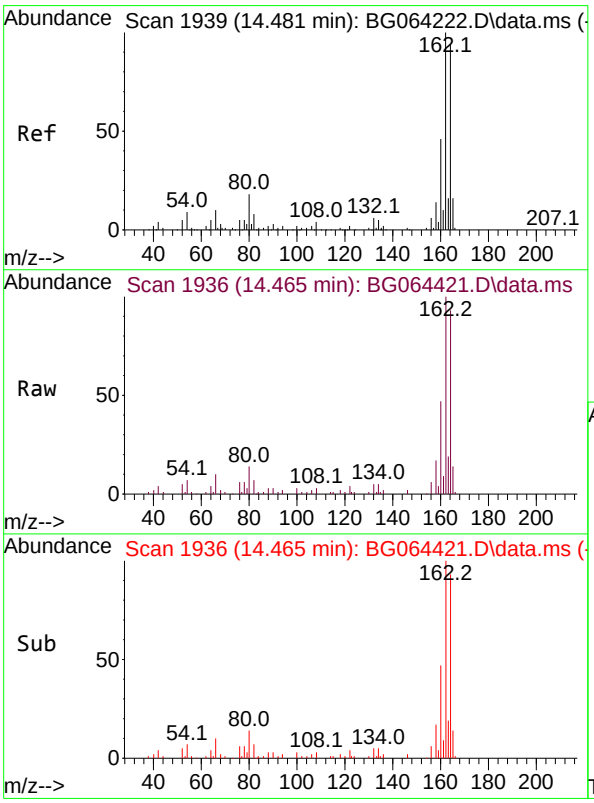
#23
Nitrobenzene-d5
Concen: 108.602 ng
RT: 8.989 min Scan# 1
Delta R.T. -0.028 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Instrument :
BNA_G
ClientSampleId :
PB169754TB

Tgt Ion: 82 Resp: 132892

Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.6	48.8
54	74.1	54.7	82.1

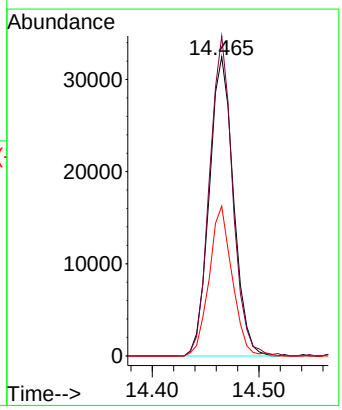


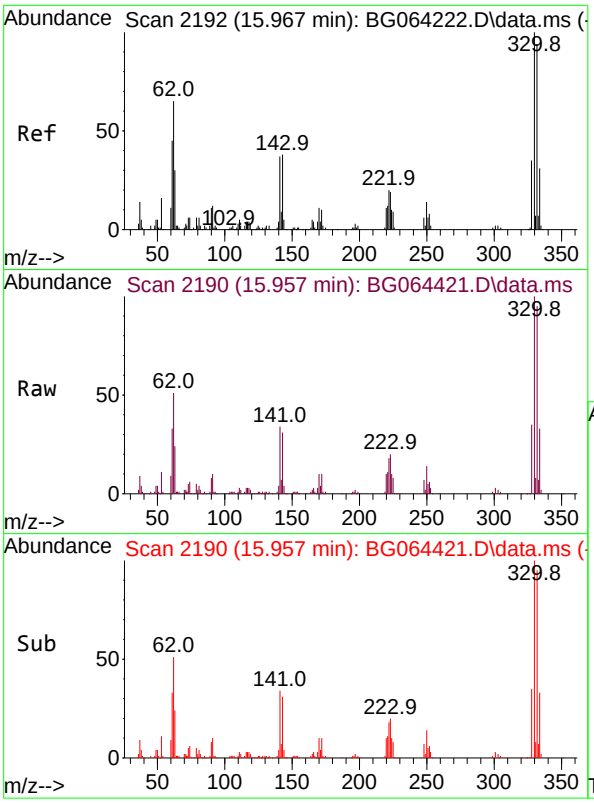


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.465 min Scan# 1936
Delta R.T. -0.016 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Tgt Ion:164 Resp: 51178

Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.4	128.0
160	50.1	39.2	58.8



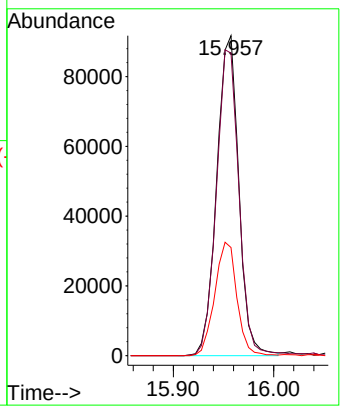


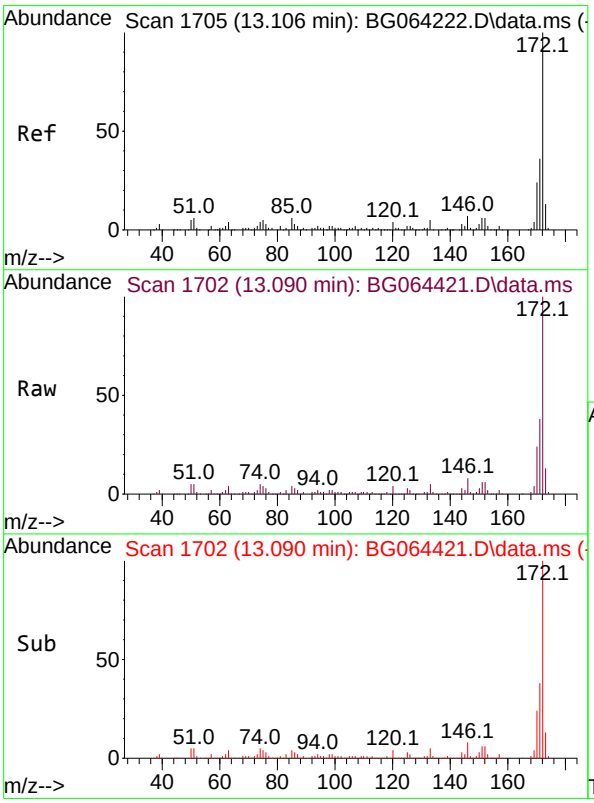
#42
2,4,6-Tribromophenol
Concen: 206.920 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Instrument :
BNA_G
ClientSampleId :
PB169754TB

Tgt Ion:330 Resp: 140266

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	35.5	29.8	44.6

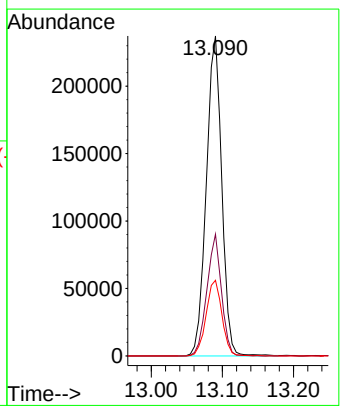


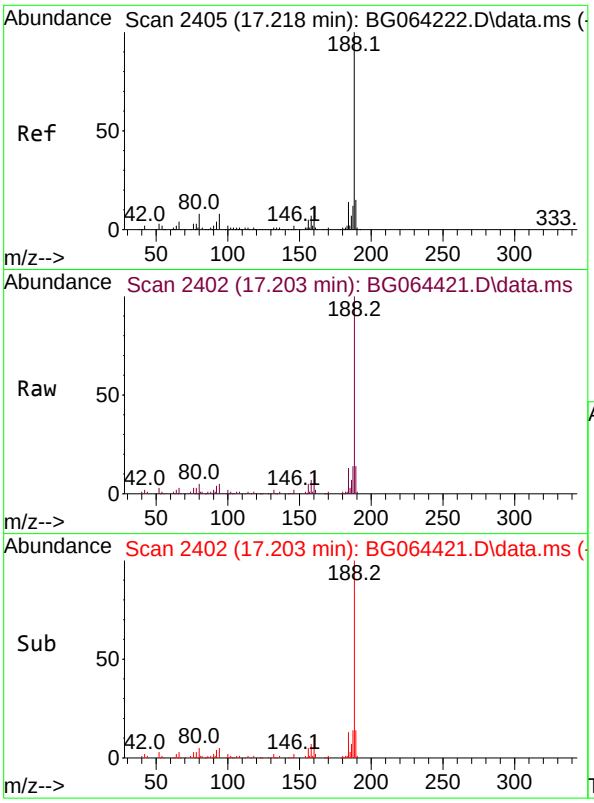


#45
2-Fluorobiphenyl
Concen: 106.486 ng
RT: 13.090 min Scan# 1702
Delta R.T. -0.022 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Tgt Ion:172 Resp: 357045

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.7	43.1
170	23.6	19.0	28.6



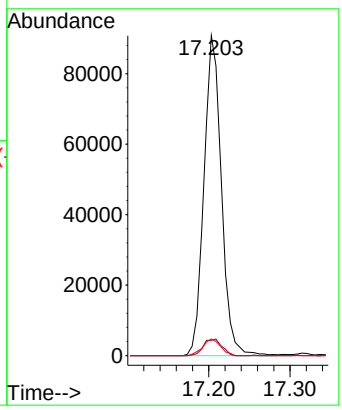


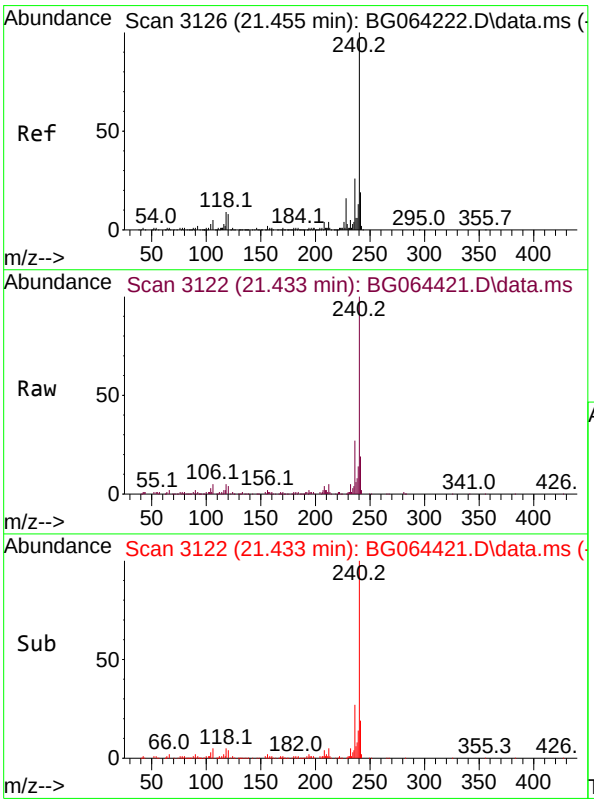
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 24
Delta R.T. -0.022 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Instrument :
BNA_G
ClientSampleId :
PB169754TB

Tgt Ion:188 Resp: 135776

Ion	Ratio	Lower	Upper
188	100		
94	4.8	6.2	9.4#
80	5.2	6.8	10.2#

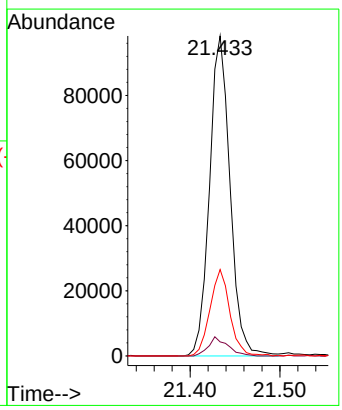


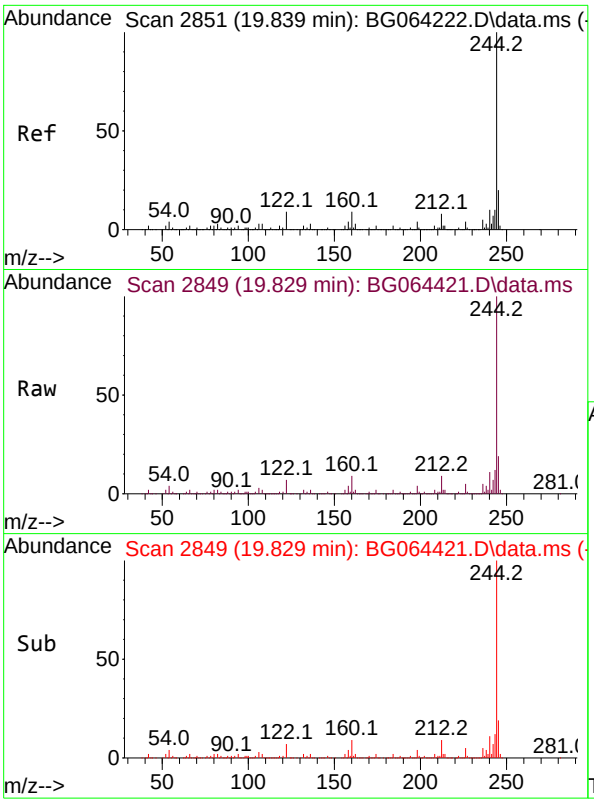


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3122
Delta R.T. -0.022 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Tgt Ion:240 Resp: 156064

Ion	Ratio	Lower	Upper
240	100		
120	4.4	6.2	9.4#
236	27.0	20.5	30.7



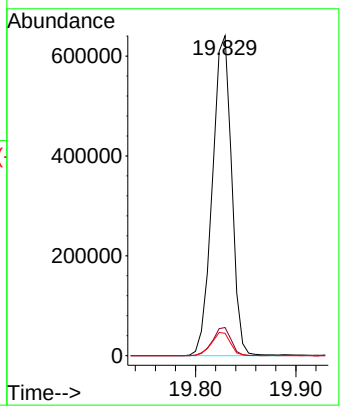


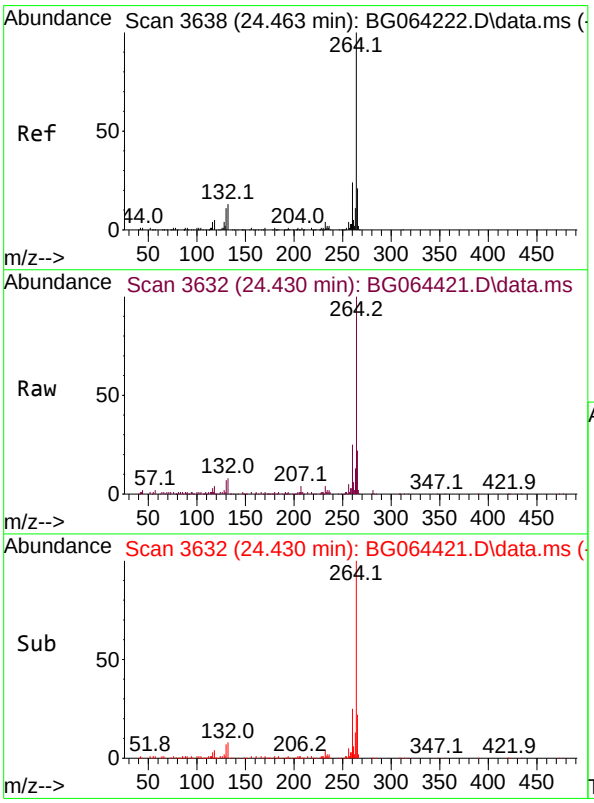
#79
Terphenyl-d14
Concen: 114.227 ng
RT: 19.829 min Scan# 28
Delta R.T. -0.016 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Instrument :
BNA_G
ClientSampleId :
PB169754TB

Tgt Ion:244 Resp: 854443

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	10.0
122	7.0	7.0	10.6#

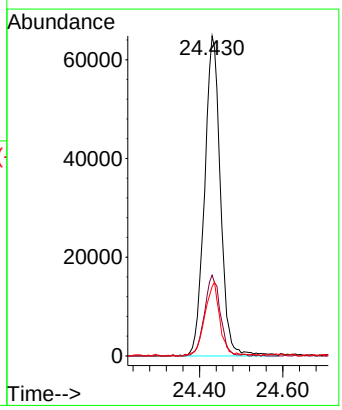




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.430 min Scan# 3632
Delta R.T. -0.033 min
Lab File: BG064421.D
Acq: 22 Sep 2025 18:59

Tgt Ion:264 Resp: 171396

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.9	28.3
265	21.6	16.7	25.1



Raw Data: **BG064430.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/19/25
Project:	Yard Soil Cleanup	Date Received:	09/19/25
Client Sample ID:	20-DEAD-1	SDG No.:	Q3157
Lab Sample ID:	Q3157-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064430.D	1	09/22/25 10:30	09/23/25 01:08	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	UQ	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	158		23 - 138	106%	SPK: 150
13127-88-3	Phenol-d6	144		10 - 134	96%	SPK: 150
4165-60-0	Nitrobenzene-d5	122		67 - 132	122%	SPK: 100
321-60-8	2-Fluorobiphenyl	114		52 - 132	114%	SPK: 100
118-79-6	2,4,6-Tribromophenol	234	*	44 - 137	156%	SPK: 150
1718-51-0	Terphenyl-d14	118		42 - 152	118%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	15600	7.838			
1146-65-2	Naphthalene-d8	63200	10.623			
15067-26-2	Acenaphthene-d10	47200	14.466			
1517-22-2	Phenanthrene-d10	124000	17.204			
1719-03-5	Chrysene-d12	153000	21.428			
1520-96-3	Perylene-d12	169000	24.43			

Raw Data: **BG064430.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/19/25
Project:	Yard Soil Cleanup	Date Received:	09/19/25
Client Sample ID:	20-DEAD-1	SDG No.:	Q3157
Lab Sample ID:	Q3157-02	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064430.D	1	09/22/25 10:30	09/23/25 01:08	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BG064430.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064430.D
Acq On : 23 Sep 2025 1:08
Operator : RC/JU
Sample : Q3157-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

Quant Time: Sep 23 01:55:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

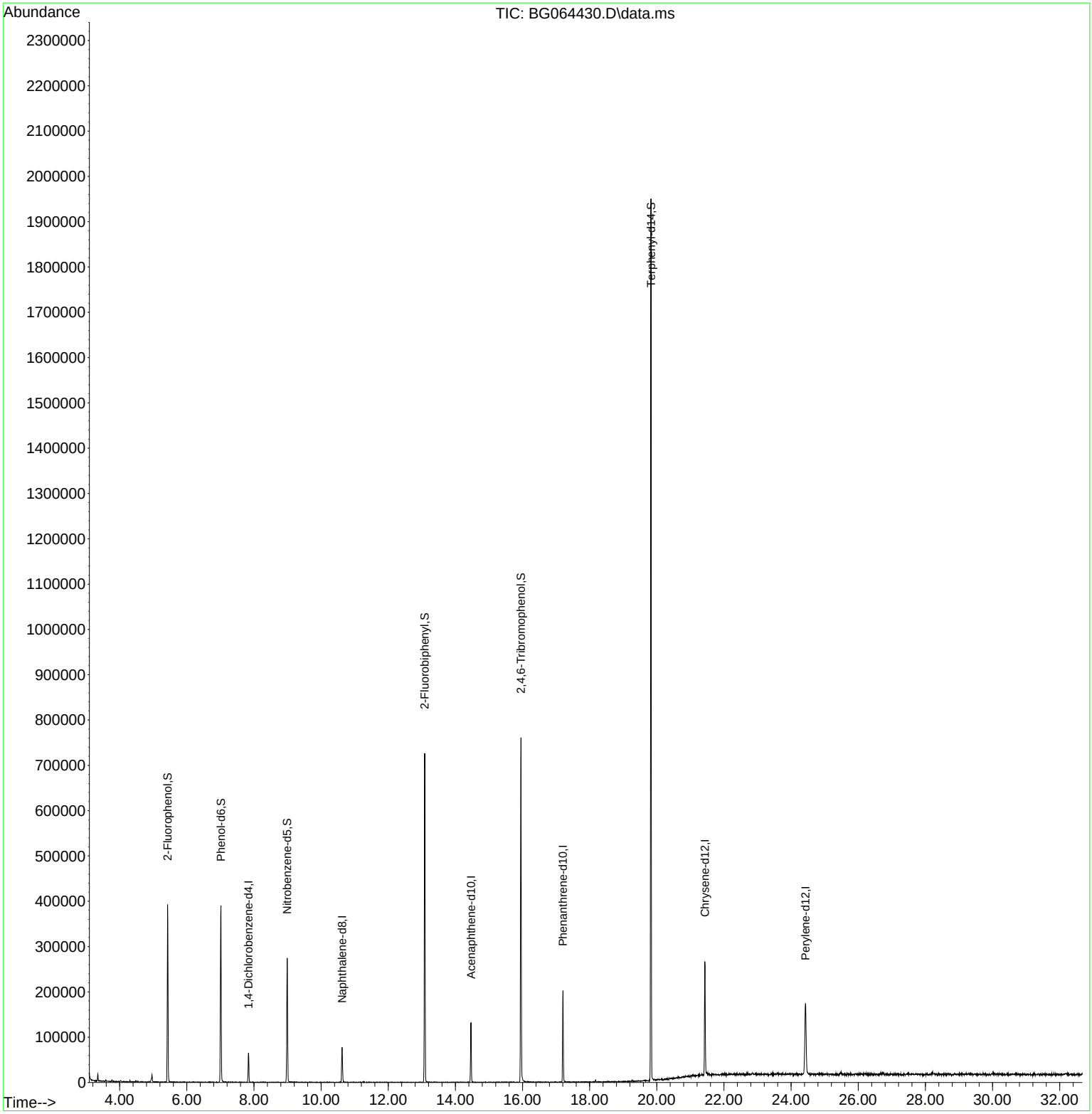
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	15630	20.000	ng	#-0.02
21) Naphthalene-d8	10.623	136	63195	20.000	ng	#-0.03
39) Acenaphthene-d10	14.466	164	47171	20.000	ng	-0.02
64) Phenanthrene-d10	17.204	188	124137	20.000	ng	#-0.02
76) Chrysene-d12	21.428	240	152786	20.000	ng	#-0.03
86) Perylene-d12	24.430	264	169481	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.429	112	137979	158.380	ng	-0.02
7) Phenol-d6	7.015	99	172512	144.136	ng	-0.02
23) Nitrobenzene-d5	8.990	82	138709	122.412	ng	-0.03
42) 2,4,6-Tribromophenol	15.952	330	146263	234.095	ng	-0.02
45) 2-Fluorobiphenyl	13.085	172	353045	114.238	ng	-0.03
79) Terphenyl-d14	19.824	244	861900	117.696	ng	-0.02
Target Compounds						Qvalue

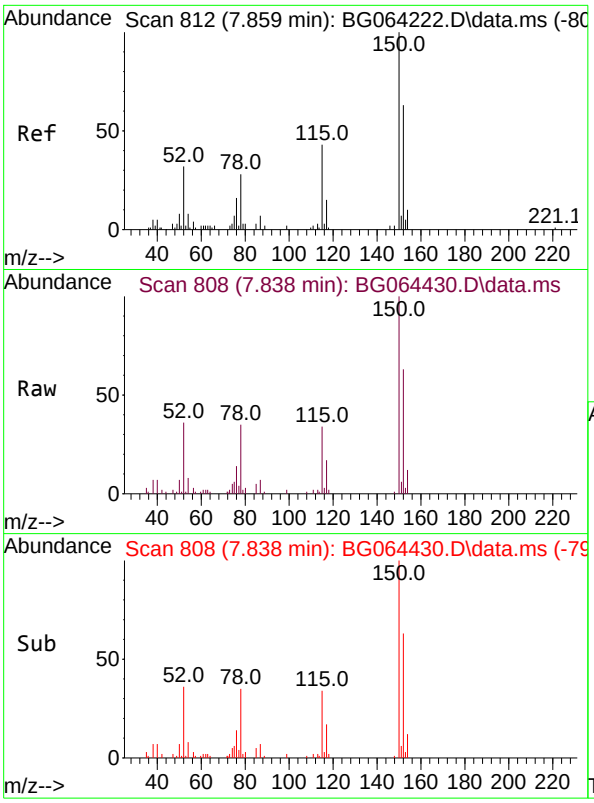
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064430.D
Acq On : 23 Sep 2025 1:08
Operator : RC/JU
Sample : Q3157-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

Quant Time: Sep 23 01:55:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



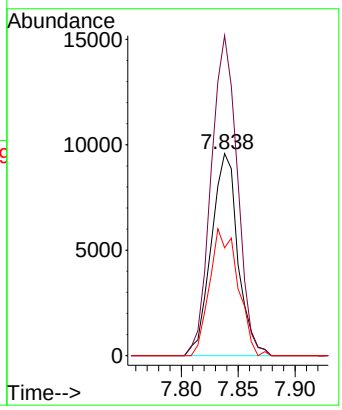


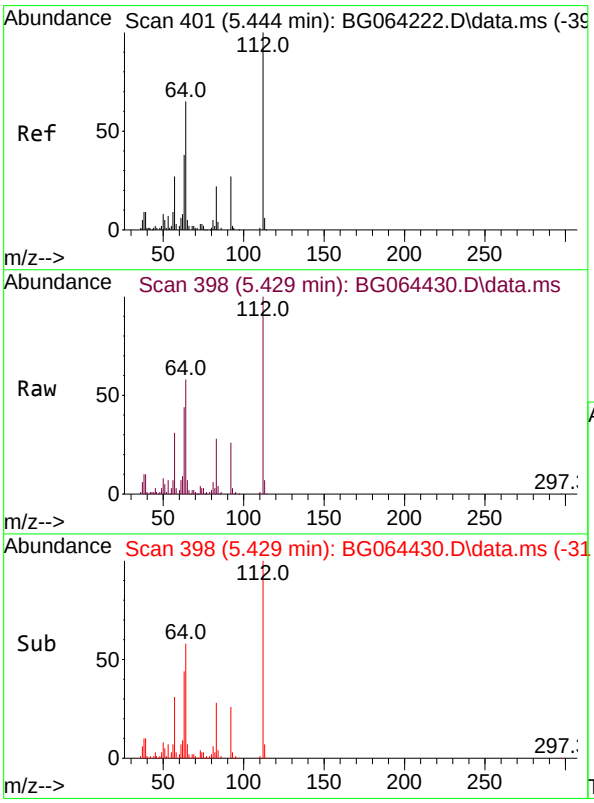
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.838 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

Tgt Ion:152 Resp: 15630

Ion	Ratio	Lower	Upper
152	100		
150	158.5	128.0	192.0
115	53.4	55.7	83.5#

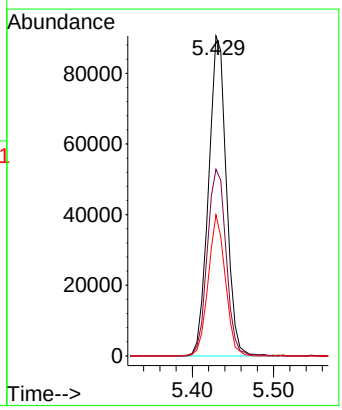


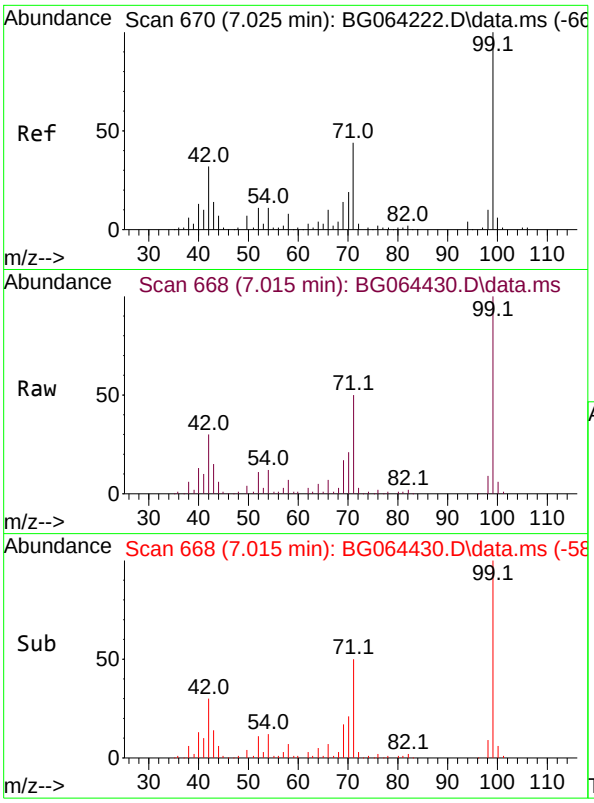


#5
2-Fluorophenol
Concen: 158.380 ng
RT: 5.429 min Scan# 398
Delta R.T. -0.015 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:112 Resp: 137979

Ion	Ratio	Lower	Upper
112	100		
64	58.3	51.8	77.6
63	44.1	30.6	45.8



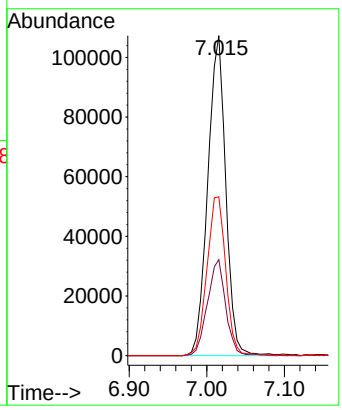


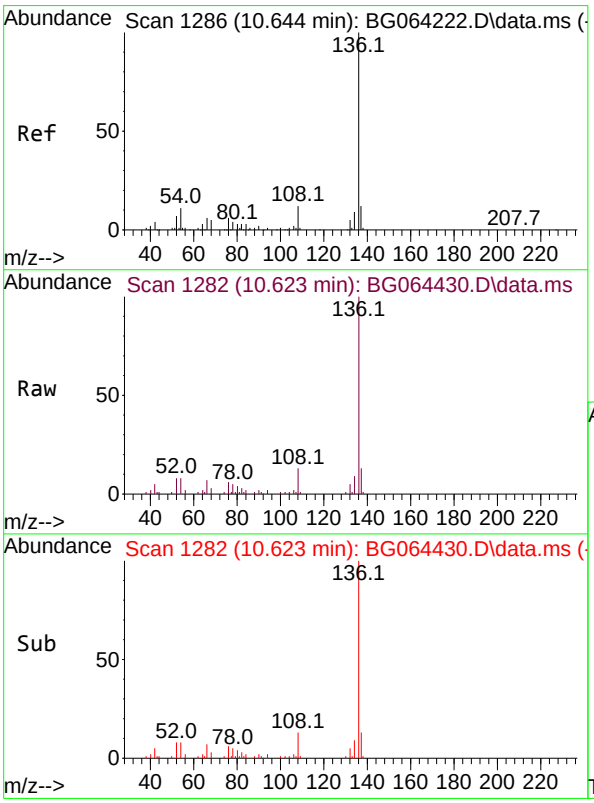
#7
Phenol-d6
Concen: 144.136 ng
RT: 7.015 min Scan# 6
Delta R.T. -0.015 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

Tgt Ion: 99 Resp: 172512

Ion	Ratio	Lower	Upper
99	100		
42	30.0	25.8	38.8
71	49.6	35.2	52.8

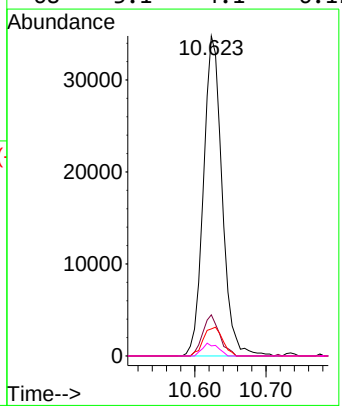


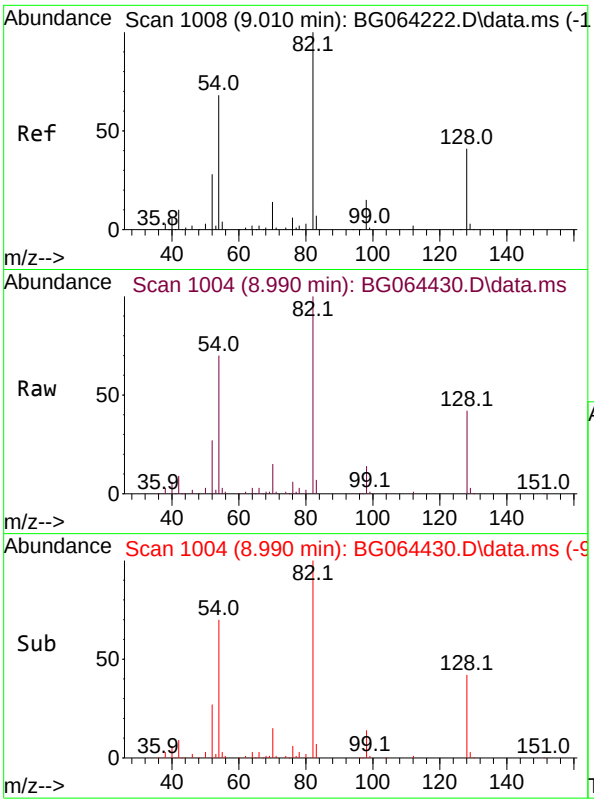


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.623 min Scan# 1282
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:136 Resp: 63195

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.6	14.4
54	8.4	8.8	13.2#
68	3.1	4.1	6.1#



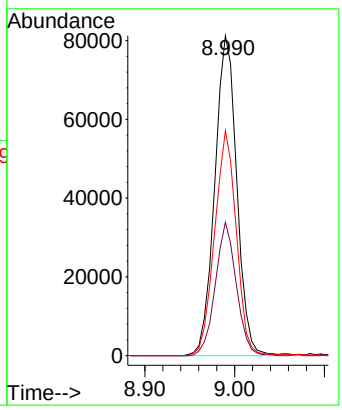


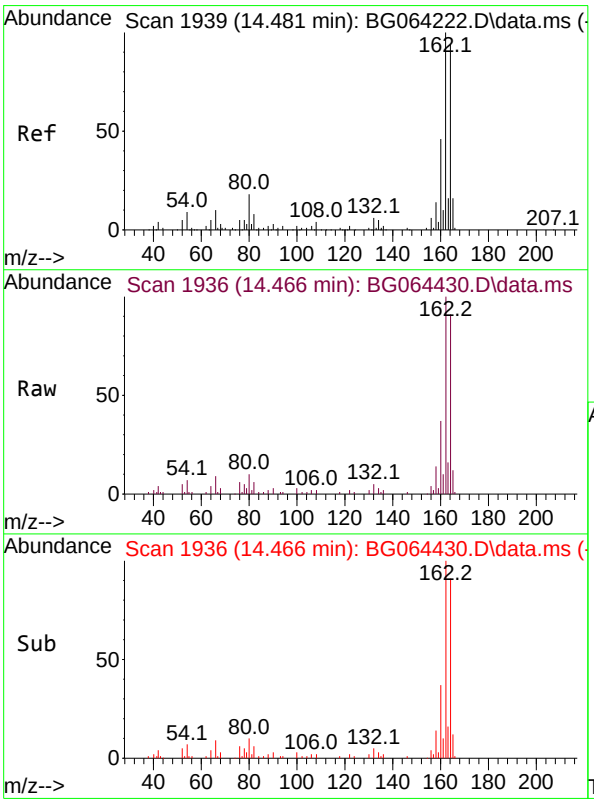
#23
Nitrobenzene-d5
Concen: 122.412 ng
RT: 8.990 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

Tgt Ion: 82 Resp: 138709

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.6	48.8
54	70.3	54.7	82.1

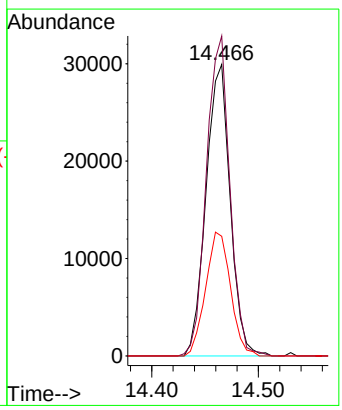


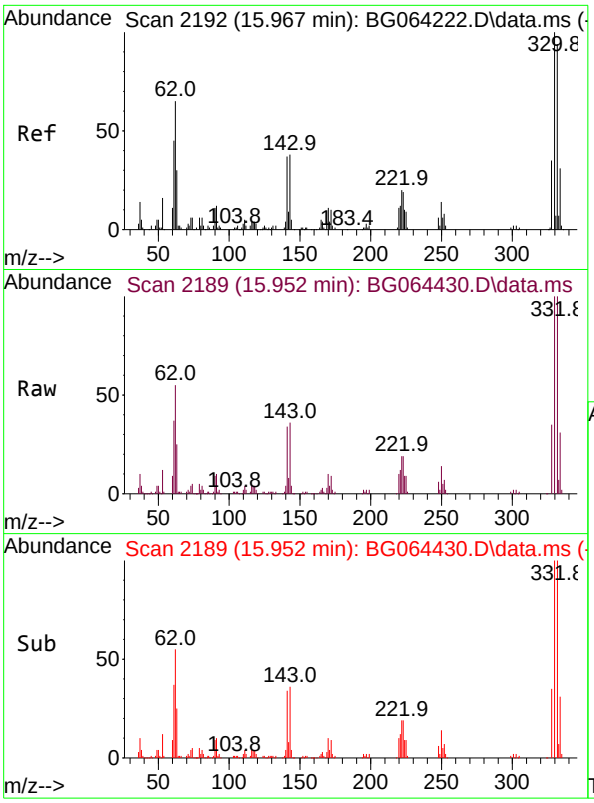


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.466 min Scan# 1936
Delta R.T. -0.015 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:164 Resp: 47171

Ion	Ratio	Lower	Upper
164	100		
162	109.8	85.4	128.0
160	41.0	39.2	58.8



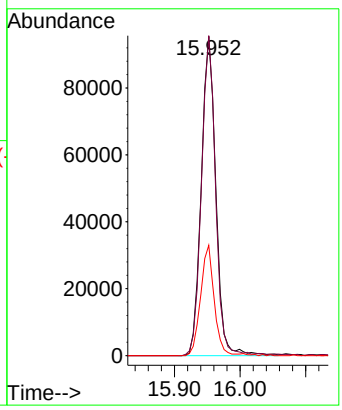


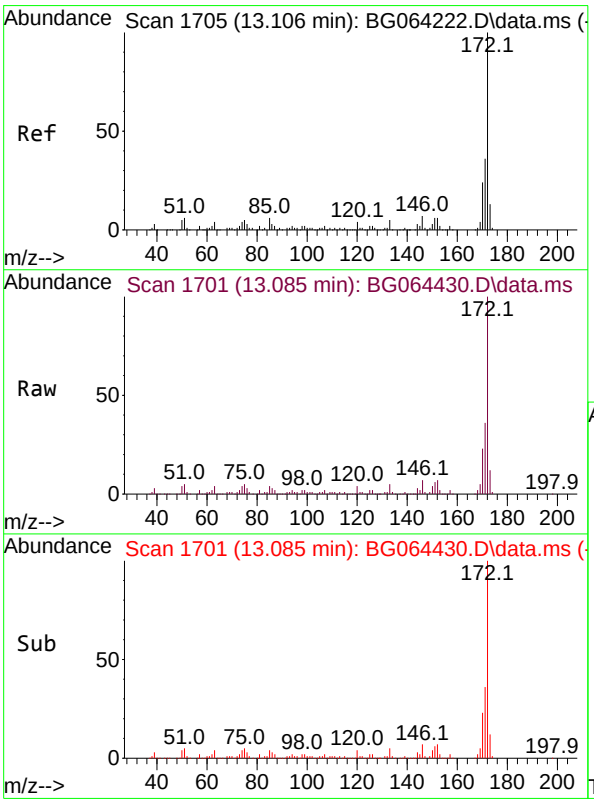
#42
2,4,6-Tribromophenol
Concen: 234.095 ng
RT: 15.952 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

Tgt Ion:330 Resp: 146263

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	32.5	29.8	44.6

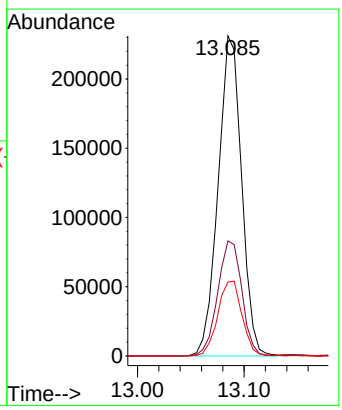


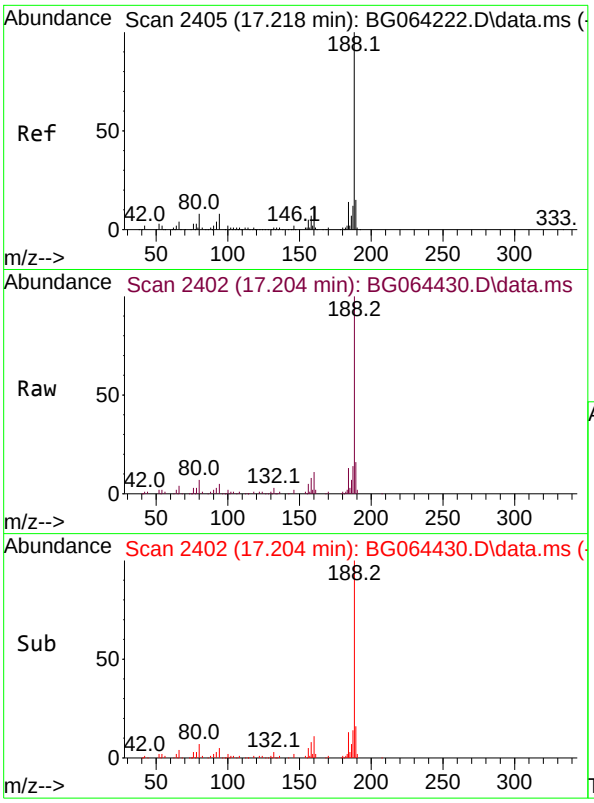


#45
2-Fluorobiphenyl
Concen: 114.238 ng
RT: 13.085 min Scan# 1701
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:172 Resp: 353045

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.1	19.0	28.6



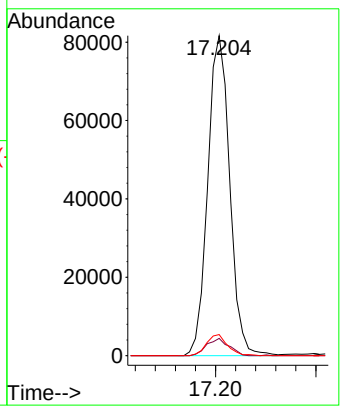


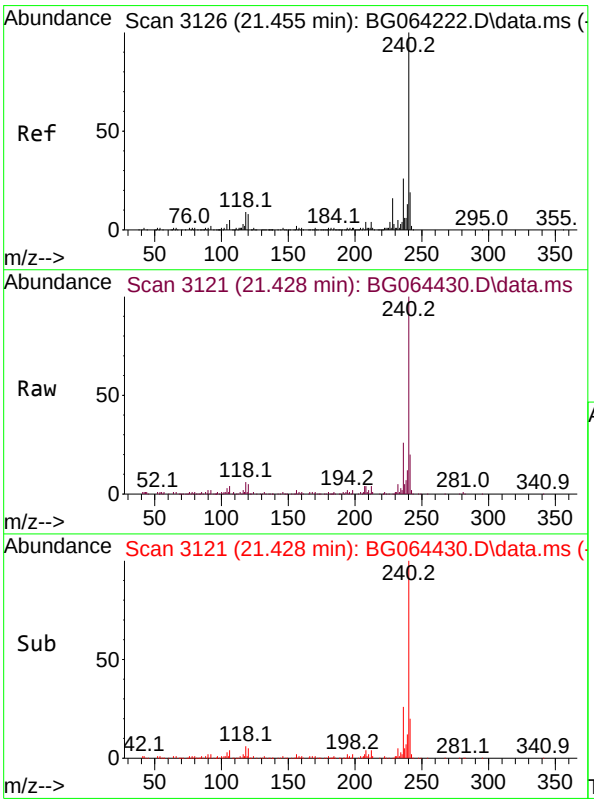
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 24
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

Tgt Ion:188 Resp: 124137

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.2	9.4#
80	6.6	6.8	10.2#

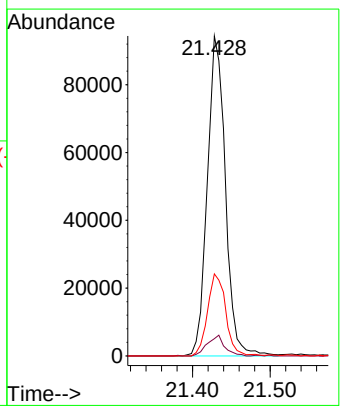


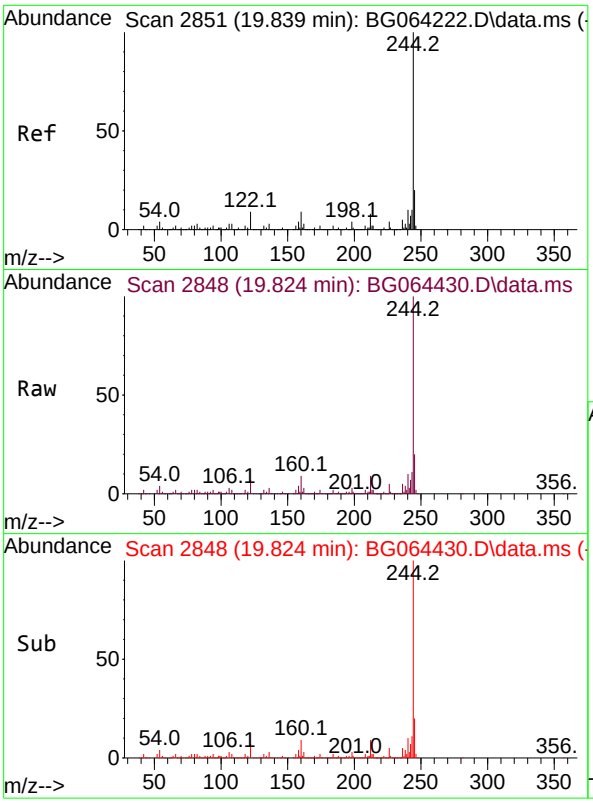


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.428 min Scan# 3121
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:240 Resp: 152786

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.2	9.4#
236	25.6	20.5	30.7



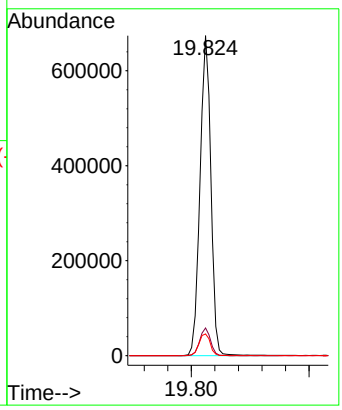


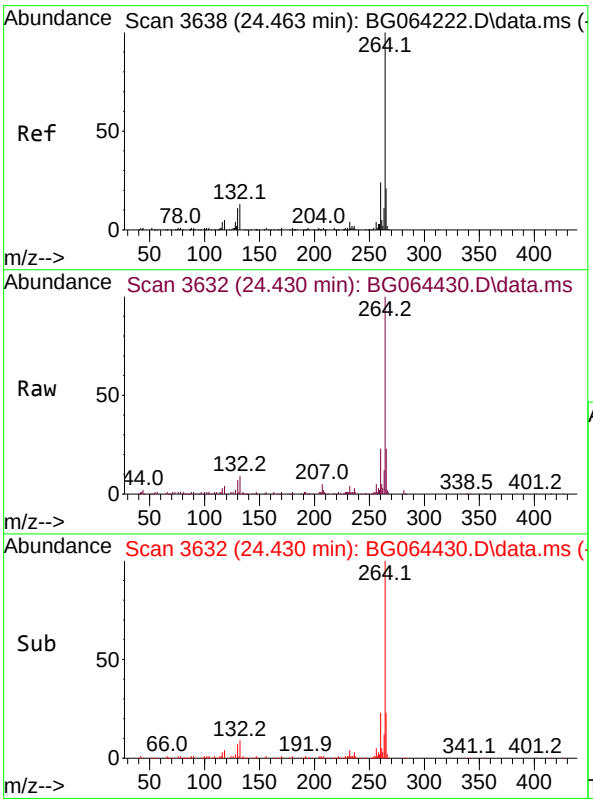
#79
Terphenyl-d14
Concen: 117.696 ng
RT: 19.824 min Scan# 28
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :
20-DEAD-1

Tgt Ion:244 Resp: 861900

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	6.8	7.0	10.6#

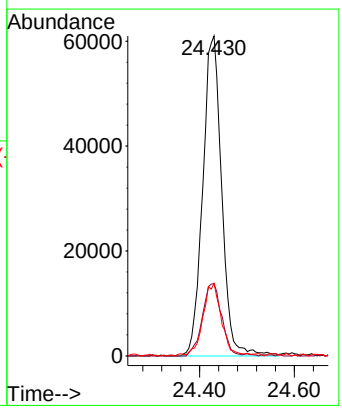




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.430 min Scan# 3632
Delta R.T. -0.033 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:264 Resp: 169481

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	22.7	16.7	25.1



CALIBRATION SUMMARY

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ALWA01

Lab Code: ACE SDG No.: Q3157

Instrument ID: BNA_G Calibration Date(s): 08/28/2025 08/28/2025

Calibration Time(s): 10:51 16:16

LAB FILE ID: RRF2.5 = BG064218.D RRF005 = BG064219.D RRF010 = BG064220.D
RRF020 = BG064221.D RRF040 = BG064222.D RRF050 = BG064223.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.449	1.375	1.377	1.338	1.315	1.368	3.1
2-Fluorophenol		1.126	1.094	1.155	1.104	1.075	1.115	2.4
Phenol-d6		1.520	1.484	1.594	1.515	1.522	1.532	2.3
1,4-Dichlorobenzene		1.499	1.522	1.479	1.466	1.426	1.463	2.9
2-Methylphenol		1.188	1.243	1.349	1.261	1.218	1.258	4.3
3+4-Methylphenols			1.734	1.765	1.702	1.750	1.749	1.6
Nitrobenzene-d5		0.341	0.340	0.370	0.365	0.357	0.359	3.8
Hexachloroethane		0.555	0.578	0.574	0.583	0.572	0.571	1.6
Nitrobenzene		0.354	0.348	0.394	0.388	0.377	0.375	4.7
Hexachlorobutadiene		0.242	0.236	0.236	0.237	0.224	0.234	2.9
2,4,6-Trichlorophenol		0.364	0.362	0.400	0.396	0.384	0.386	4.2
2-Fluorobiphenyl		1.364	1.286	1.358	1.328	1.288	1.310	3.3
2,4,5-Trichlorophenol		0.387	0.386	0.437	0.433	0.426	0.418	5.3
2,4-Dinitrotoluene		0.396	0.398	0.462	0.484	0.450	0.443	7.6
2,4,6-Tribromophenol		0.281	0.256	0.271	0.276	0.261	0.265	4.2
Hexachlorobenzene		0.241	0.232	0.244	0.226	0.231	0.236	2.8
Pentachlorophenol			0.110	0.135	0.153	0.148	0.143	12.6
Terphenyl-d14		1.009	0.974	1.002	0.981	0.918	0.959	4.7

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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064218.D 5 =BG064219.D 10 =BG064220.D 20 =BG064221.D 40 =BG064222.D 50 =BG064223.D 60 =BG064224.D 80 =BG0642
25.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.574	0.524	0.479	0.387	0.430	0.432	0.426	0.465	14.04
3)		Pyridine		1.449	1.375	1.377	1.338	1.315	1.371	1.349	1.368	3.09
4)		n-Nitrosodimet...			0.889	0.914	0.922	0.896	0.916	0.892	0.905	1.57
5)	S	2-Fluorophenol		1.126	1.094	1.155	1.104	1.075	1.117	1.133	1.115	2.36
6)		Aniline		2.030	2.048	2.158	2.125	2.151	2.203	2.110	2.118	2.90
7)	S	Phenol-d6		1.520	1.484	1.594	1.515	1.522	1.555	1.532	1.532	2.26
8)		2-Chlorophenol		1.318	1.287	1.381	1.418	1.360	1.407	1.364	1.362	3.44
9)		Benzaldehyde			1.181	1.115	1.375	1.193	1.439		1.260	11.00
10)	C	Phenol		1.590	1.627	1.750	1.669	1.739	1.745	1.699	1.688	3.71
11)		bis(2-Chloroet...		1.232	1.263	1.323	1.281	1.255	1.270	1.258	1.269	2.22
12)		1,3-Dichlorobe...		1.469	1.480	1.500	1.471	1.394	1.425	1.404	1.449	2.83
13)	C	1,4-Dichlorobe...		1.499	1.522	1.479	1.466	1.426	1.447	1.398	1.463	2.91
14)		1,2-Dichlorobe...		1.350	1.458	1.476	1.409	1.365	1.437	1.386	1.412	3.38
15)		Benzyl Alcohol			1.297	1.436	1.426	1.432	1.438	1.451	1.413	4.06
16)		2,2'-oxybis(1-...		2.923	2.920	2.979	2.897	2.826	2.931	2.803	2.897	2.14
17)		2-Methylphenol		1.188	1.243	1.349	1.261	1.218	1.305	1.246	1.258	4.28
18)		Hexachloroethane		0.555	0.578	0.574	0.583	0.572	0.568	0.567	0.571	1.57
19)	P	n-Nitroso-di-n...	1.008	1.162	1.160	1.239	1.203	1.211	1.230	1.164	1.172	6.24
20)		3+4-Methylphenols			1.734	1.765	1.702	1.750	1.787	1.753	1.749	1.65
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.533	0.485	0.522	0.502	0.496	0.513	0.492	0.506	3.42
23)	S	Nitrobenzene-d5		0.341	0.340	0.370	0.365	0.357	0.376	0.360	0.359	3.82
24)		Nitrobenzene		0.354	0.348	0.394	0.388	0.377	0.387	0.375	0.375	4.71
25)		Isophorone		0.749	0.723	0.787	0.748	0.733	0.754	0.724	0.745	2.97
26)	C	2-Nitrophenol		0.133	0.146	0.169	0.171	0.167	0.176	0.171	0.162	9.86
27)		2,4-Dimethylph...		0.275	0.271	0.300	0.297	0.276	0.291	0.279	0.284	4.03
28)		bis(2-Chloroet...		0.396	0.401	0.417	0.414	0.390	0.404	0.391	0.402	2.63
29)	C	2,4-Dichloroph...		0.289	0.278	0.319	0.310	0.299	0.311	0.294	0.300	4.70
30)		1,2,4-Trichlor...		0.332	0.305	0.327	0.319	0.308	0.317	0.305	0.316	3.42
31)		Naphthalene		1.104	1.012	1.077	1.036	1.004	1.041	0.986	1.037	4.01
32)		Benzoic acid			0.159	0.206	0.240	0.247	0.257	0.245	0.226	16.35
33)		4-Chloroaniline		0.369	0.379	0.414	0.421	0.411	0.419	0.402	0.402	5.08
34)	C	Hexachlorobuta...		0.242	0.236	0.236	0.237	0.224	0.236	0.225	0.234	2.93
35)		Caprolactam			0.108	0.129	0.123	0.112	0.114	0.110	0.116	7.13
36)	C	4-Chloro-3-met...		0.380	0.382	0.402	0.395	0.386	0.396	0.383	0.389	2.16
37)		2-Methylnaphth...		0.768	0.748	0.831	0.788	0.757	0.772	0.734	0.771	4.10
38)		1-Methylnaphth...		0.788	0.755	0.801	0.776	0.736	0.753	0.722	0.761	3.72

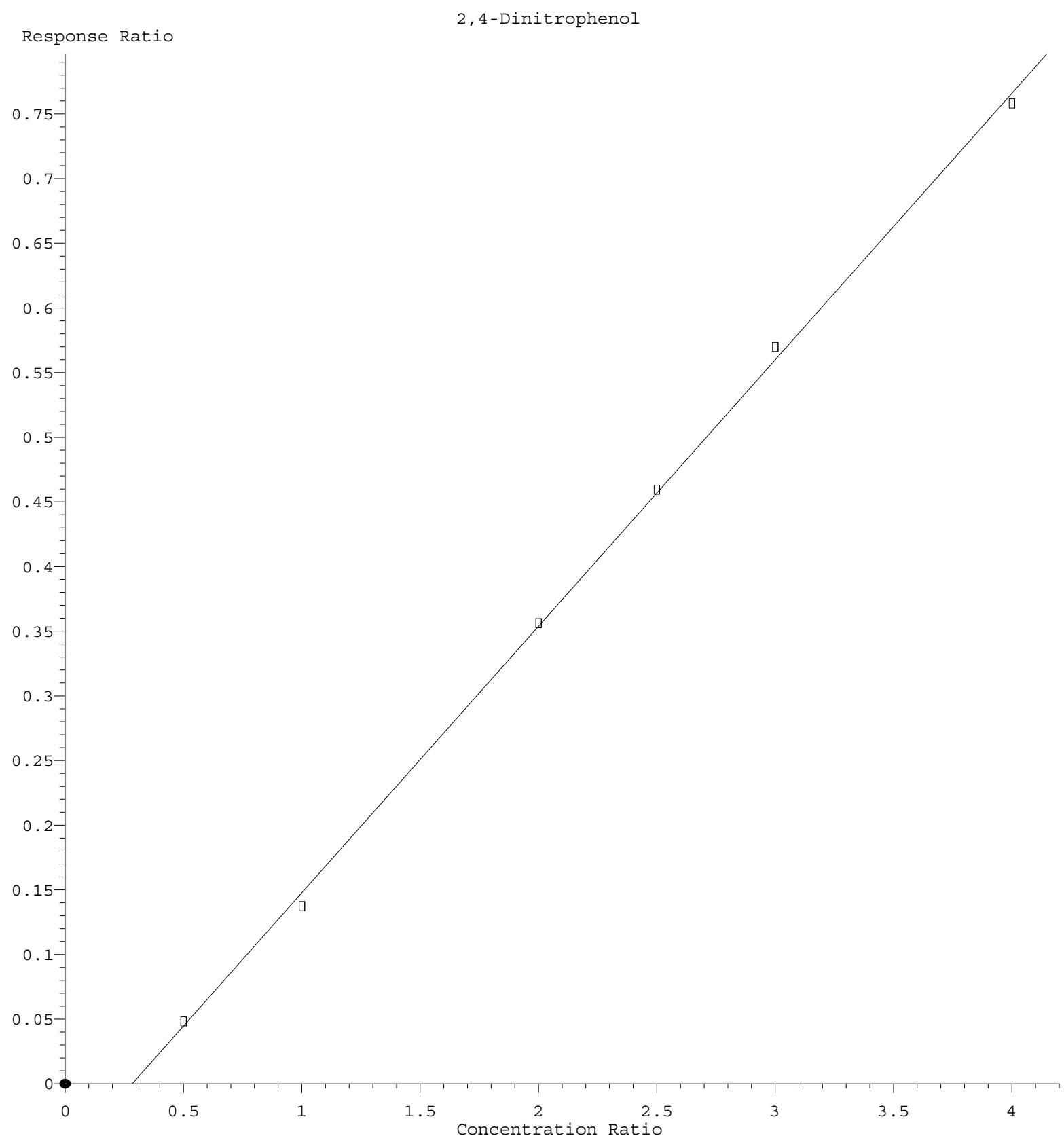
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.554	0.556	0.597	0.582	0.582	0.592	0.576	0.577	2.86
41)	P	Hexachlorocycl...		0.221	0.256	0.275	0.290	0.307	0.296	0.274	11.55
42)	S	2,4,6-Tribromo...	0.281	0.256	0.271	0.276	0.261	0.257	0.252	0.265	4.21
43)	C	2,4,6-Trichlor...	0.364	0.362	0.400	0.396	0.384	0.399	0.394	0.386	4.23
44)		2,4,5-Trichlor...	0.387	0.386	0.437	0.433	0.426	0.437	0.423	0.418	5.33
45)	S	2-Fluorobiphenyl	1.364	1.286	1.358	1.328	1.288	1.304	1.244	1.310	3.27
46)		1,1'-Biphenyl	1.459	1.412	1.488	1.494	1.449	1.471	1.424	1.457	2.13
47)		2-Chloronaphth...	1.090	1.059	1.113	1.113	1.096	1.117	1.078	1.095	1.94
48)		2-Nitroaniline	0.303	0.329	0.372	0.410	0.394	0.408	0.397	0.373	11.15
49)		Acenaphthylene	1.656	1.528	1.675	1.675	1.607	1.610	1.580	1.619	3.36
50)		Dimethylphthalate	1.672	1.476	1.569	1.555	1.462	1.446	1.417	1.514	5.90
51)		2,6-Dinitrotol...	0.238	0.269	0.301	0.322	0.300	0.315	0.305	0.293	10.00
52)	C	Acenaphthene	1.169	1.120	1.175	1.178	1.129	1.132	1.095	1.142	2.77
53)		3-Nitroaniline	0.275	0.279	0.316	0.331	0.314	0.322	0.312	0.307	6.93
54)	P	2,4-Dinitrophenol		0.096	0.137	0.178	0.184	0.190	0.190	0.163	23.29
55)		Dibenzofuran	1.913	1.756	1.840	1.833	1.762	1.754	1.722	1.797	3.73
56)	P	4-Nitrophenol		0.199	0.250	0.286	0.258	0.255	0.263	0.252	11.50
57)		2,4-Dinitrotol...	0.396	0.398	0.462	0.484	0.450	0.457	0.455	0.443	7.55
58)		Fluorene	1.567	1.478	1.549	1.529	1.416	1.398	1.373	1.473	5.30
59)		2,3,4,6-Tetrac...	0.392	0.378	0.419	0.419	0.413	0.404	0.393	0.402	3.91
60)		Diethylphthalate	1.830	1.577	1.665	1.688	1.536	1.530	1.516	1.620	7.06
61)		4-Chlorophenyl...	0.781	0.717	0.759	0.755	0.720	0.716	0.693	0.734	4.21
62)		4-Nitroaniline	0.267	0.275	0.311	0.351	0.332	0.331	0.325	0.313	9.93
63)		Azobenzene	1.490	1.422	1.511	1.503	1.407	1.393	1.381	1.444	3.83
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.107	0.118	0.121	0.129	0.128	0.115	14.38
66)	c	n-Nitrosodiphe...	0.553	0.518	0.571	0.562	0.542	0.564	0.542	0.550	3.23
67)		4-Bromophenyl-...	0.195	0.213	0.218	0.215	0.212	0.219	0.216	0.212	3.78
68)		Hexachlorobenzene	0.241	0.232	0.244	0.226	0.231	0.243	0.235	0.236	2.82
69)		Atrazine	0.240	0.230	0.231	0.240	0.224	0.224	0.220	0.230	3.42
70)	C	Pentachlorophenol		0.110	0.135	0.153	0.148	0.156	0.157	0.143	12.65
71)		Phenanthrene	1.103	1.032	1.090	1.084	1.020	1.041	1.015	1.055	3.45
72)		Anthracene	1.124	1.053	1.092	1.111	1.033	1.070	1.028	1.073	3.48
73)		Carbazole	0.986	0.908	0.960	1.002	0.917	0.935	0.909	0.945	4.01
74)		Di-n-butylphth...	1.196	1.089	1.146	1.211	1.096	1.119	1.093	1.136	4.47
75)	C	Fluoranthene	1.340	1.211	1.269	1.304	1.178	1.208	1.172	1.240	5.25
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.454	0.525	0.445	0.385	0.357	0.358	0.421	15.74
78)		Pyrene	1.292	1.236	1.286	1.303	1.216	1.269	1.218	1.260	2.88
79)	S	Terphenyl-d14	1.009	0.974	1.002	0.981	0.918	0.938	0.888	0.959	4.70
80)		Butylbenzylpht...	0.449	0.440	0.492	0.494	0.474	0.496	0.481	0.475	4.72
81)		Benzo(a)anthra...	1.323	1.238	1.312	1.296	1.248	1.295	1.244	1.280	2.75
82)		3,3'-Dichlorob...		0.401	0.440	0.429	0.410	0.416	0.404	0.417	3.65
83)		Chrysene	1.277	1.197	1.254	1.248	1.204	1.228	1.190	1.228	2.67
84)		Bis(2-ethylhex...	0.713	0.681	0.719	0.732	0.713	0.734	0.703	0.714	2.52
85)	c	Di-n-octyl pht...		1.160	1.266	1.263	1.228	1.303	1.239	1.243	3.90

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG082825.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.314	1.302	1.384	1.399	1.348	1.428	1.386	1.366	3.37
88)		Benzo(b)fluora...	1.079	1.081	1.145	1.176	1.104	1.164	1.153	1.129	3.56
89)		Benzo(k)fluora...	1.161	1.127	1.178	1.141	1.131	1.175	1.136	1.150	1.86
90)	C	Benzo(a)pyrene	1.019	0.978	1.076	1.084	1.047	1.091	1.055	1.050	3.83
91)		Dibenzo(a,h)an...	1.044	1.032	1.114	1.135	1.087	1.144	1.121	1.097	4.01
92)		Benzo(g,h,i)pe...	1.067	1.029	1.070	1.083	1.042	1.103	1.076	1.067	2.32

(#) = Out of Range



Response = 2.060e-001 * Amt - 5.822e-002
Coef of Det (r^2) = 0.999123 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG082825.M
Calibration Table Last Updated: Thu Aug 28 17:41:58 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064218.D
Acq On : 28 Aug 2025 10:51
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	23937	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	108069	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	80336	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	205650	20.000	ng	0.00
76) Chrysene-d12	21.450	240	221496	20.000	ng	0.00
86) Perylene-d12	24.453	264	230662	20.000	ng	-0.01
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...	8.654	70	3017	2.151	ng	# 73

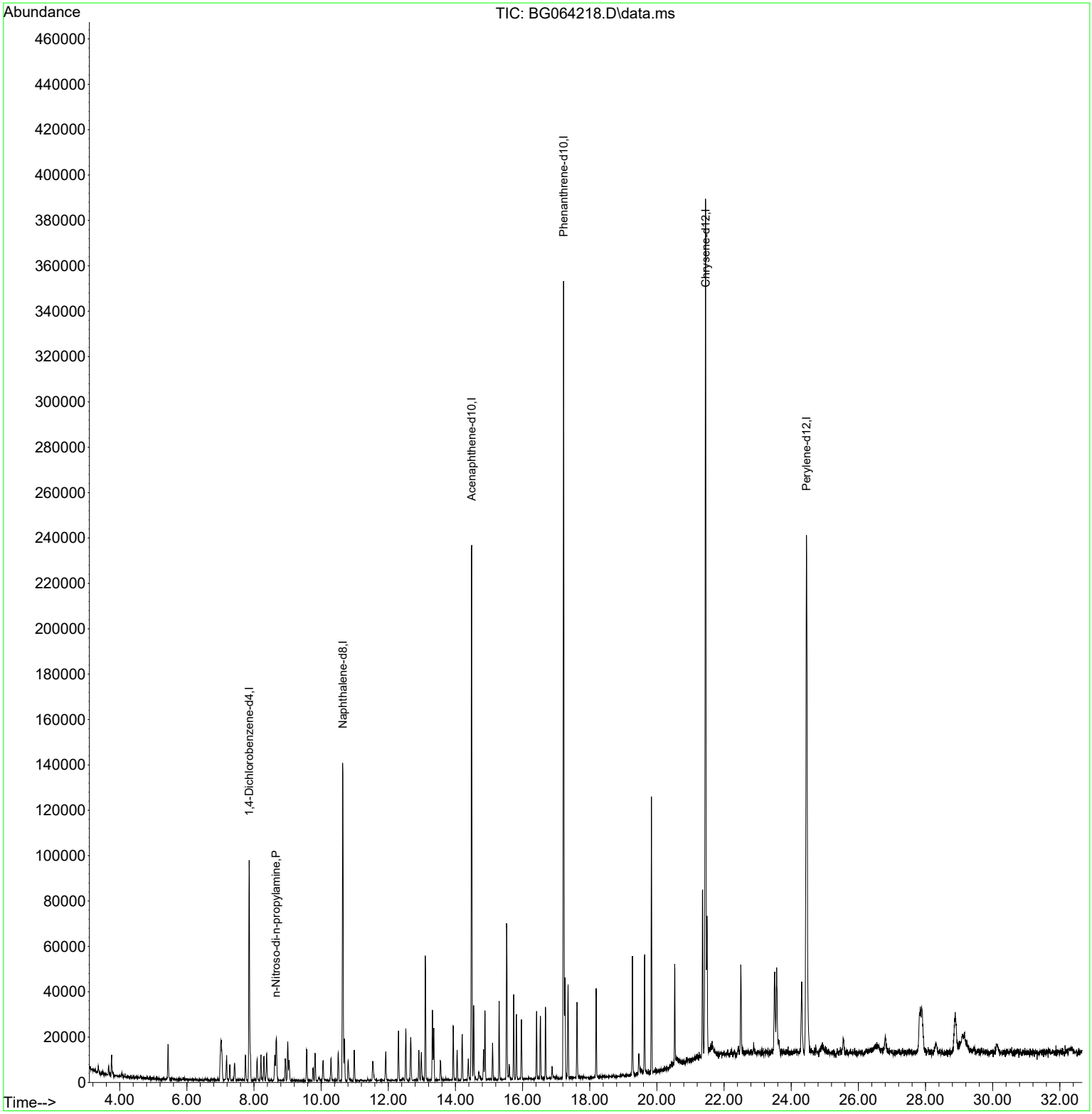
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064218.D
Acq On : 28 Aug 2025 10:51
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064219.D
Acq On : 28 Aug 2025 11:32
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.859	152	24098	20.000	ng		0.00
21) Naphthalene-d8	10.644	136	109950	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	78593	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	199845	20.000	ng		0.00
76) Chrysene-d12	21.449	240	219683	20.000	ng		0.00
86) Perylene-d12	24.458	264	241429	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	13573	10.105	ng		0.00
7) Phenol-d6	7.019	99	18310	9.922	ng		-0.01
23) Nitrobenzene-d5	9.005	82	18764	9.518	ng		-0.01
42) 2,4,6-Tribromophenol	15.962	330	11040	10.605	ng		-0.01
45) 2-Fluorobiphenyl	13.106	172	53596	10.409	ng		0.00
79) Terphenyl-d14	19.839	244	110867	10.529	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.365	88	3459	6.178	ng		88
3) Pyridine	3.752	79	8730	5.297	ng	#	58
6) Aniline	7.184	93	12228	4.792	ng		89
8) 2-Chlorophenol	7.419	128	7939	4.837	ng		96
10) Phenol	7.043	94	9580	4.709	ng		97
11) bis(2-Chloroethyl)ether	7.278	93	7421	4.854	ng		88
12) 1,3-Dichlorobenzene	7.742	146	8854m	5.071	ng		
13) 1,4-Dichlorobenzene	7.895	146	9030	5.124	ng		93
14) 1,2-Dichlorobenzene	8.206	146	8131	4.781	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.376	45	17609	5.045	ng		95
17) 2-Methylphenol	8.294	107	7155	4.719	ng	#	91
18) Hexachloroethane	8.935	117	3344	4.861	ng		86
19) n-Nitroso-di-n-propyla...	8.653	70	7001	4.957	ng	#	98
22) Acetophenone	8.670	105	14639	5.263	ng	#	99
24) Nitrobenzene	9.046	77	9728	4.723	ng		98
25) Isophorone	9.569	82	20579	5.023	ng	#	95
26) 2-Nitrophenol	9.757	139	3668	4.121	ng		97
27) 2,4-Dimethylphenol	9.816	122	7568	4.843	ng		96
28) bis(2-Chloroethoxy)met...	10.057	93	10885	4.927	ng	#	88
29) 2,4-Dichlorophenol	10.292	162	7945	4.819	ng		91
30) 1,2,4-Trichlorobenzene	10.509	180	9136	5.255	ng		95
31) Naphthalene	10.691	128	30344	5.322	ng	#	94
33) 4-Chloroaniline	10.797	127	10141	4.589	ng	#	91
34) Hexachlorobutadiene	10.985	225	6663	5.185	ng		95
36) 4-Chloro-3-methylphenol	11.925	107	10455	4.887	ng		95
37) 2-Methylnaphthalene	12.301	142	21107	4.980	ng		87
38) 1-Methylnaphthalene	12.525	142	21661m	5.175	ng		
40) 1,2,4,5-Tetrachloroben...	12.671	216	10879	4.797	ng		97
43) 2,4,6-Trichlorophenol	12.912	196	7156	4.721	ng		87
44) 2,4,5-Trichlorophenol	12.977	196	7600	4.622	ng		84
46) 1,1'-Biphenyl	13.312	154	28672	5.009	ng		94
47) 2-Chloronaphthalene	13.359	162	21411	4.975	ng		100
48) 2-Nitroaniline	13.553	65	5960	4.063	ng		89
49) Acenaphthylene	14.199	152	32547	5.116	ng		99
50) Dimethylphthalate	13.935	163	32855	5.523	ng		98
51) 2,6-Dinitrotoluene	14.052	165	4684	4.067	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064219.D
Acq On : 28 Aug 2025 11:32
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Aug 28 18:40:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.546	154	22964	5.115	ng		94
53) 3-Nitroaniline	14.375	138	5404	4.480	ng	#	98
55) Dibenzofuran	14.881	168	37579	5.322	ng		95
57) 2,4-Dinitrotoluene	14.834	165	7779	4.467	ng	#	94
58) Fluorene	15.527	166	30779	5.318	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	7695	4.866	ng	#	96
60) Diethylphthalate	15.298	149	35947	5.646	ng		97
61) 4-Chlorophenyl-phenyle...	15.521	204	15345	5.318	ng		93
62) 4-Nitroaniline	15.533	138	5254	4.268	ng	#	75
63) Azobenzene	15.815	77	29276	5.159	ng		96
66) n-Nitrosodiphenylamine	15.733	169	27609	5.022	ng		98
67) 4-Bromophenyl-phenylether	16.414	248	9745	4.591	ng		98
68) Hexachlorobenzene	16.526	284	12043	5.109	ng		92
69) Atrazine	16.678	200	12001	5.228	ng		97
71) Phenanthrene	17.260	178	55100	5.227	ng		97
72) Anthracene	17.348	178	56156	5.237	ng		99
73) Carbazole	17.619	167	49241	5.213	ng		98
74) Di-n-butylphthalate	18.188	149	59765	5.267	ng		98
75) Fluoranthene	19.270	202	66964	5.403	ng		99
78) Pyrene	19.634	202	70961	5.127	ng		97
80) Butylbenzylphthalate	20.533	149	24638	4.720	ng		98
81) Benzo(a)anthracene	21.432	228	72646	5.169	ng		96
83) Chrysene	21.490	228	70143	5.199	ng		98
84) Bis(2-ethylhexyl)phtha...	21.361	149	39184	5.000	ng		94
87) Indeno(1,2,3-cd)pyrene	27.836	276	79337	4.812	ng		92
88) Benzo(b)fluoranthene	23.506	252	65111	4.778	ng		99
89) Benzo(k)fluoranthene	23.570	252	70084	5.049	ng		98
90) Benzo(a)pyrene	24.311	252	61491	4.851	ng	#	95
91) Dibenzo(a,h)anthracene	27.895	278	63017	4.760	ng	#	96
92) Benzo(g,h,i)perylene	28.888	276	64396	4.999	ng	#	96

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

ICAL Form

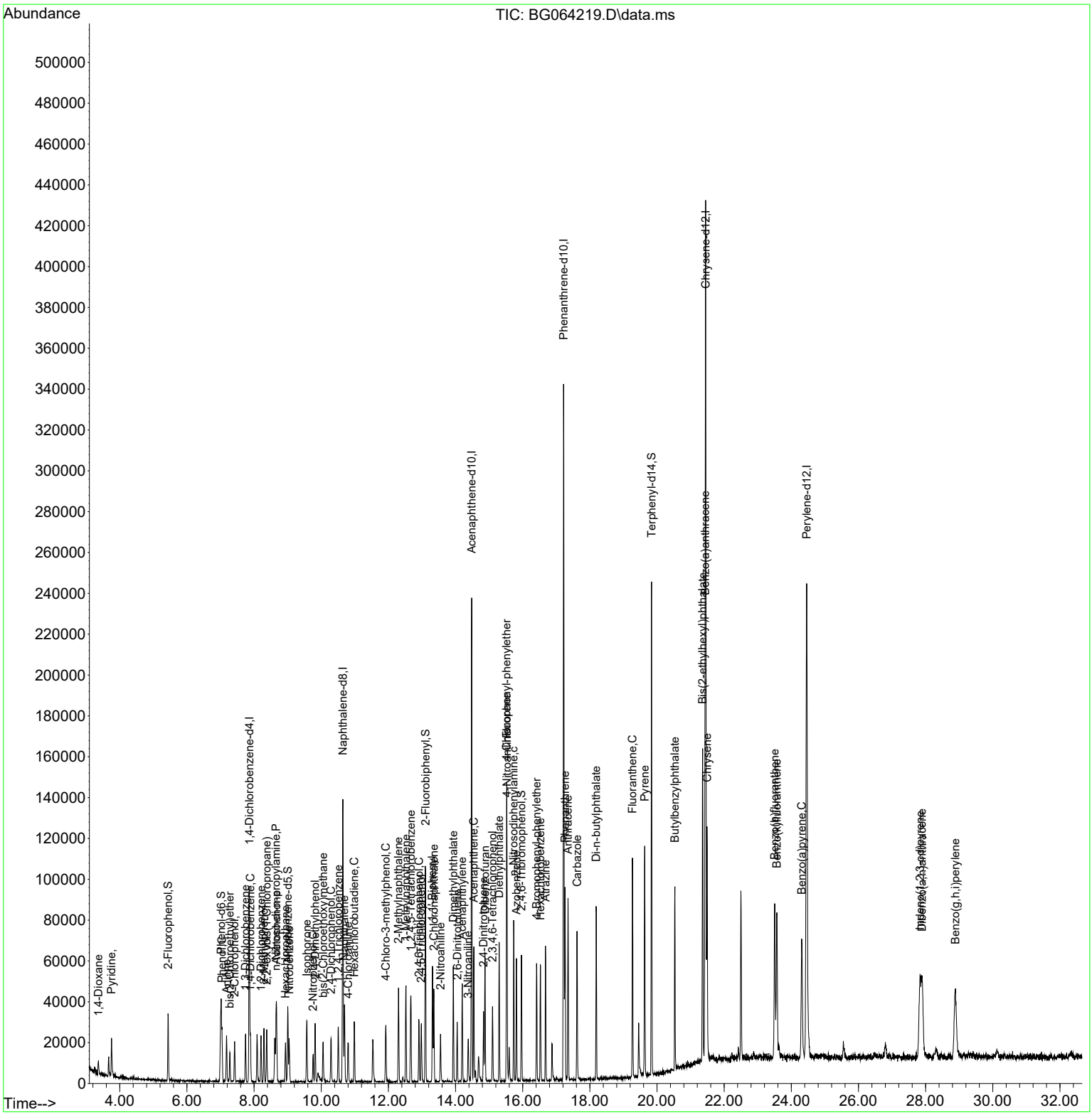
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064219.D
Acq On : 28 Aug 2025 11:32
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 28 18:40:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064220.D
Acq On : 28 Aug 2025 12:12
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 28 18:40:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	26130	20.000	ng		0.00
21) Naphthalene-d8	10.641	136	128271	20.000	ng	#	0.00
39) Acenaphthene-d10	14.483	164	94175	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	221898	20.000	ng		0.00
76) Chrysene-d12	21.451	240	230611	20.000	ng		0.00
86) Perylene-d12	24.460	264	253168	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	28574	19.619	ng		0.00
7) Phenol-d6	7.021	99	38784	19.383	ng		0.00
23) Nitrobenzene-d5	9.007	82	43627	18.968	ng		0.00
42) 2,4,6-Tribromophenol	15.964	330	24110	19.328	ng		0.00
45) 2-Fluorobiphenyl	13.102	172	121075	19.623	ng		0.00
79) Terphenyl-d14	19.842	244	224585	20.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	6848	11.281	ng		84
3) Pyridine	3.749	79	17966	10.054	ng	#	53
4) n-Nitrosodimethylamine	3.666	42	11613	9.825	ng	#	94
6) Aniline	7.180	93	26763	9.672	ng		95
8) 2-Chlorophenol	7.427	128	16813	9.447	ng		95
9) Benzaldehyde	6.998	77	15436	9.374	ng		97
10) Phenol	7.045	94	21260	9.637	ng		96
11) bis(2-Chloroethyl)ether	7.280	93	16500	9.953	ng		87
12) 1,3-Dichlorobenzene	7.744	146	19342	10.216	ng		98
13) 1,4-Dichlorobenzene	7.891	146	19887	10.407	ng		93
14) 1,2-Dichlorobenzene	8.208	146	19045	10.327	ng		92
15) Benzyl Alcohol	8.091	79	16948	9.179	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.378	45	38145	10.079	ng		95
17) 2-Methylphenol	8.290	107	16238	9.876	ng		87
18) Hexachloroethane	8.937	117	7549	10.121	ng		92
19) n-Nitroso-di-n-propyla...	8.655	70	15150	9.893	ng	#	95
20) 3+4-Methylphenols	8.619	107	22656	9.917	ng		98
22) Acetophenone	8.672	105	31085	9.579	ng	#	97
24) Nitrobenzene	9.048	77	22299	9.279	ng		98
25) Isophorone	9.571	82	46345	9.695	ng		99
26) 2-Nitrophenol	9.759	139	9333	8.988	ng	#	83
27) 2,4-Dimethylphenol	9.818	122	17379	9.533	ng		95
28) bis(2-Chloroethoxy)met...	10.059	93	25711	9.975	ng	#	96
29) 2,4-Dichlorophenol	10.288	162	17846	9.278	ng		95
30) 1,2,4-Trichlorobenzene	10.505	180	19563	9.646	ng		97
31) Naphthalene	10.693	128	64906	9.758	ng		97
32) Benzoic acid	9.906	122	10223m	7.064	ng		
33) 4-Chloroaniline	10.799	127	24285	9.420	ng		99
34) Hexachlorobutadiene	10.987	225	15152	10.107	ng	#	92
35) Caprolactam	11.545	113	6949	9.330	ng	#	88
36) 4-Chloro-3-methylphenol	11.921	107	24476	9.807	ng		98
37) 2-Methylnaphthalene	12.303	142	47947	9.698	ng		96
38) 1-Methylnaphthalene	12.521	142	48414	9.914	ng		99
40) 1,2,4,5-Tetrachloroben...	12.673	216	26203	9.643	ng		99
41) Hexachlorocyclopentadiene	12.656	237	10398	8.052	ng		93
43) 2,4,6-Trichlorophenol	12.914	196	17055	9.391	ng		87

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064220.D
Acq On : 28 Aug 2025 12:12
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 28 18:40:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	18196	9.236	ng		92
46) 1,1'-Biphenyl	13.314	154	66470	9.691	ng		99
47) 2-Chloronaphthalene	13.355	162	49869	9.671	ng		97
48) 2-Nitroaniline	13.555	65	15487	8.811	ng		94
49) Acenaphthylene	14.201	152	71937	9.437	ng		99
50) Dimethylphthalate	13.937	163	69493	9.749	ng		99
51) 2,6-Dinitrotoluene	14.048	165	12682	9.190	ng		95
52) Acenaphthene	14.542	154	52750	9.806	ng		92
53) 3-Nitroaniline	14.377	138	13157	9.102	ng		94
54) 2,4-Dinitrophenol	14.589	184	4543	10.334	ng		96
55) Dibenzofuran	14.877	168	82692	9.773	ng		97
56) 4-Nitrophenol	14.689	139	9355	7.889	ng		98
57) 2,4-Dinitrotoluene	14.836	165	18726	8.975	ng	#	84
58) Fluorene	15.529	166	69596	10.035	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.106	232	17783	9.385	ng		96
60) Diethylphthalate	15.300	149	74277	9.736	ng		95
61) 4-Chlorophenyl-phenyle...	15.523	204	33756	9.762	ng		93
62) 4-Nitroaniline	15.541	138	12962	8.788	ng	#	88
63) Azobenzene	15.811	77	66963	9.848	ng		96
65) 4,6-Dinitro-2-methylph...	15.599	198	9467	7.431	ng		89
66) n-Nitrosodiphenylamine	15.735	169	57515	9.422	ng		97
67) 4-Bromophenyl-phenylether	16.416	248	23643	10.032	ng		94
68) Hexachlorobenzene	16.534	284	25688	9.815	ng		100
69) Atrazine	16.681	200	25479	9.997	ng		90
70) Pentachlorophenol	16.874	266	12208	7.693	ng	#	83
71) Phenanthrene	17.262	178	114456	9.780	ng		99
72) Anthracene	17.350	178	116836	9.814	ng		96
73) Carbazole	17.621	167	100709	9.603	ng		99
74) Di-n-butylphthalate	18.191	149	120797	9.587	ng		97
75) Fluoranthene	19.272	202	134413	9.767	ng		98
77) Benzidine	19.454	184	52385	10.798	ng		99
78) Pyrene	19.636	202	142485	9.807	ng		97
80) Butylbenzylphthalate	20.535	149	50791	9.269	ng		92
81) Benzo(a)anthracene	21.428	228	142752	9.676	ng		97
82) 3,3'-Dichlorobenzidine	21.352	252	46265	9.629	ng		97
83) Chrysene	21.493	228	138050	9.747	ng		100
84) Bis(2-ethylhexyl)phtha...	21.363	149	78558	9.549	ng		97
85) Di-n-octyl phthalate	22.503	149	133728	9.329	ng		100
87) Indeno(1,2,3-cd)pyrene	27.832	276	164791	9.531	ng		99
88) Benzo(b)fluoranthene	23.508	252	136893	9.581	ng		95
89) Benzo(k)fluoranthene	23.567	252	142634	9.798	ng		96
90) Benzo(a)pyrene	24.313	252	123820	9.316	ng		100
91) Dibenzo(a,h)anthracene	27.891	278	130614	9.409	ng		96
92) Benzo(g,h,i)perylene	28.896	276	130254	9.643	ng		99

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

ICAL Form

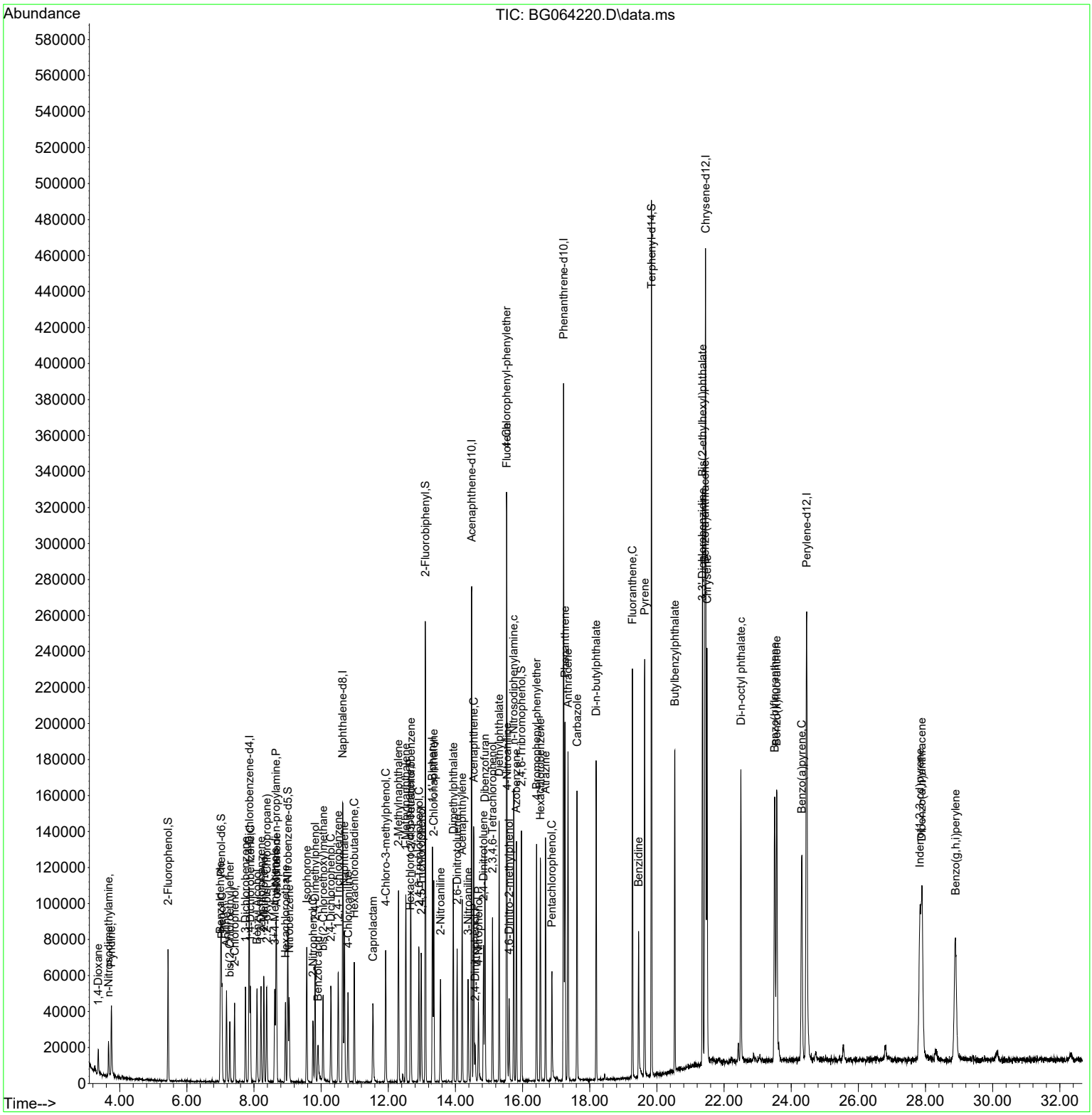
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064220.D
Acq On : 28 Aug 2025 12:12
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 28 18:40:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064221.D
Acq On : 28 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.860	152	27893	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	132216	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	97594	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	226286	20.000	ng		0.00
76) Chrysene-d12	21.450	240	233668	20.000	ng		0.00
86) Perylene-d12	24.458	264	258172	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	64409	41.428	ng		0.00
7) Phenol-d6	7.019	99	88910	41.626	ng		-0.01
23) Nitrobenzene-d5	9.005	82	97869	41.282	ng		-0.01
42) 2,4,6-Tribromophenol	15.968	330	52925	40.942	ng		0.00
45) 2-Fluorobiphenyl	13.106	172	265127	41.465	ng		0.00
79) Terphenyl-d14	19.840	244	468161	41.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.359	88	13364	20.623	ng		89
3) Pyridine	3.753	79	38395	20.128	ng	#	52
4) n-Nitrosodimethylamine	3.665	42	25498	20.209	ng	#	84
6) Aniline	7.184	93	60202	20.382	ng	#	92
8) 2-Chlorophenol	7.419	128	38517	20.274	ng		97
9) Benzaldehyde	6.996	77	31087m	17.686	ng		
10) Phenol	7.049	94	48810	20.727	ng		99
11) bis(2-Chloroethyl)ether	7.278	93	36896	20.850	ng		94
12) 1,3-Dichlorobenzene	7.748	146	41828	20.695	ng		99
13) 1,4-Dichlorobenzene	7.895	146	41264	20.230	ng		99
14) 1,2-Dichlorobenzene	8.206	146	41178	20.917	ng		91
15) Benzyl Alcohol	8.095	79	40053	20.320	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.377	45	83088	20.566	ng		97
17) 2-Methylphenol	8.294	107	37621	21.436	ng	#	85
18) Hexachloroethane	8.935	117	16021	20.121	ng	#	82
19) n-Nitroso-di-n-propyla...	8.659	70	34556	21.139	ng	#	96
20) 3+4-Methylphenols	8.623	107	49230	20.187	ng		99
22) Acetophenone	8.670	105	69031	20.637	ng	#	95
24) Nitrobenzene	9.052	77	52070	21.022	ng		99
25) Isophorone	9.569	82	104049	21.118	ng		98
26) 2-Nitrophenol	9.757	139	22361	20.893	ng		96
27) 2,4-Dimethylphenol	9.822	122	39643	21.097	ng		97
28) bis(2-Chloroethoxy)met...	10.057	93	55148	20.758	ng		95
29) 2,4-Dichlorophenol	10.292	162	42128	21.248	ng		95
30) 1,2,4-Trichlorobenzene	10.509	180	43234	20.681	ng		92
31) Naphthalene	10.692	128	142418	20.772	ng		98
32) Benzoic acid	9.928	122	27202	18.237	ng		92
33) 4-Chloroaniline	10.797	127	54708	20.588	ng		98
34) Hexachlorobutadiene	10.991	225	31157	20.163	ng		91
35) Caprolactam	11.555	113	17073	22.239	ng	#	84
36) 4-Chloro-3-methylphenol	11.920	107	53139	20.657	ng		92
37) 2-Methylnaphthalene	12.301	142	109822	21.550	ng		96
38) 1-Methylnaphthalene	12.525	142	105864	21.031	ng		98
40) 1,2,4,5-Tetrachloroben...	12.672	216	58253	20.687	ng		99
41) Hexachlorocyclopentadiene	12.660	237	24999	18.680	ng		81
43) 2,4,6-Trichlorophenol	12.913	196	39082	20.765	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064221.D
Acq On : 28 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	42626	20.878	ng		92
46) 1,1'-Biphenyl	13.318	154	145186	20.425	ng		99
47) 2-Chloronaphthalene	13.353	162	108659	20.333	ng		97
48) 2-Nitroaniline	13.553	65	36296	19.927	ng		96
49) Acenaphthylene	14.199	152	163464	20.693	ng		98
50) Dimethylphthalate	13.935	163	153139	20.731	ng		98
51) 2,6-Dinitrotoluene	14.052	165	29384	20.547	ng		90
52) Acenaphthene	14.546	154	114630	20.562	ng		97
53) 3-Nitroaniline	14.381	138	30798	20.559	ng		95
54) 2,4-Dinitrophenol	14.587	184	13409	18.989	ng	#	86
55) Dibenzofuran	14.881	168	179568	20.478	ng		100
56) 4-Nitrophenol	14.687	139	24395	19.853	ng		91
57) 2,4-Dinitrotoluene	14.840	165	45085	20.850	ng		94
58) Fluorene	15.527	166	151193	21.037	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	40905	20.831	ng		98
60) Diethylphthalate	15.304	149	162465	20.550	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	74031	20.660	ng		93
62) 4-Nitroaniline	15.539	138	30317	19.833	ng		97
63) Azobenzene	15.815	77	147419	20.922	ng		96
65) 4,6-Dinitro-2-methylph...	15.603	198	24257	18.671	ng		93
66) n-Nitrosodiphenylamine	15.739	169	129237	20.761	ng		98
67) 4-Bromophenyl-phenylether	16.414	248	49269	20.499	ng		93
68) Hexachlorobenzene	16.532	284	55170	20.671	ng		93
69) Atrazine	16.685	200	52170	20.072	ng		99
70) Pentachlorophenol	16.873	266	30473	18.830	ng		88
71) Phenanthrene	17.260	178	246727	20.672	ng		98
72) Anthracene	17.354	178	247090	20.352	ng		99
73) Carbazole	17.619	167	217200	20.308	ng		99
74) Di-n-butylphthalate	18.195	149	259387	20.187	ng		98
75) Fluoranthene	19.276	202	287131	20.461	ng		97
77) Benzidine	19.458	184	122689	24.959	ng		99
78) Pyrene	19.634	202	300446	20.409	ng		98
80) Butylbenzylphthalate	20.533	149	114931	20.699	ng		97
81) Benzo(a)anthracene	21.432	228	306551	20.506	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	102925	21.141	ng		100
83) Chrysene	21.497	228	293057	20.420	ng		98
84) Bis(2-ethylhexyl)phtha...	21.361	149	167957	20.148	ng	#	96
85) Di-n-octyl phthalate	22.501	149	295768	20.362	ng		100
87) Indeno(1,2,3-cd)pyrene	27.842	276	357251	20.263	ng	#	96
88) Benzo(b)fluoranthene	23.512	252	295568	20.285	ng		98
89) Benzo(k)fluoranthene	23.576	252	304190	20.492	ng		97
90) Benzo(a)pyrene	24.317	252	277917	20.504	ng		98
91) Dibenzo(a,h)anthracene	27.901	278	287627	20.318	ng		95
92) Benzo(g,h,i)perylene	28.900	276	276197	20.051	ng		99

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

ICAL Form

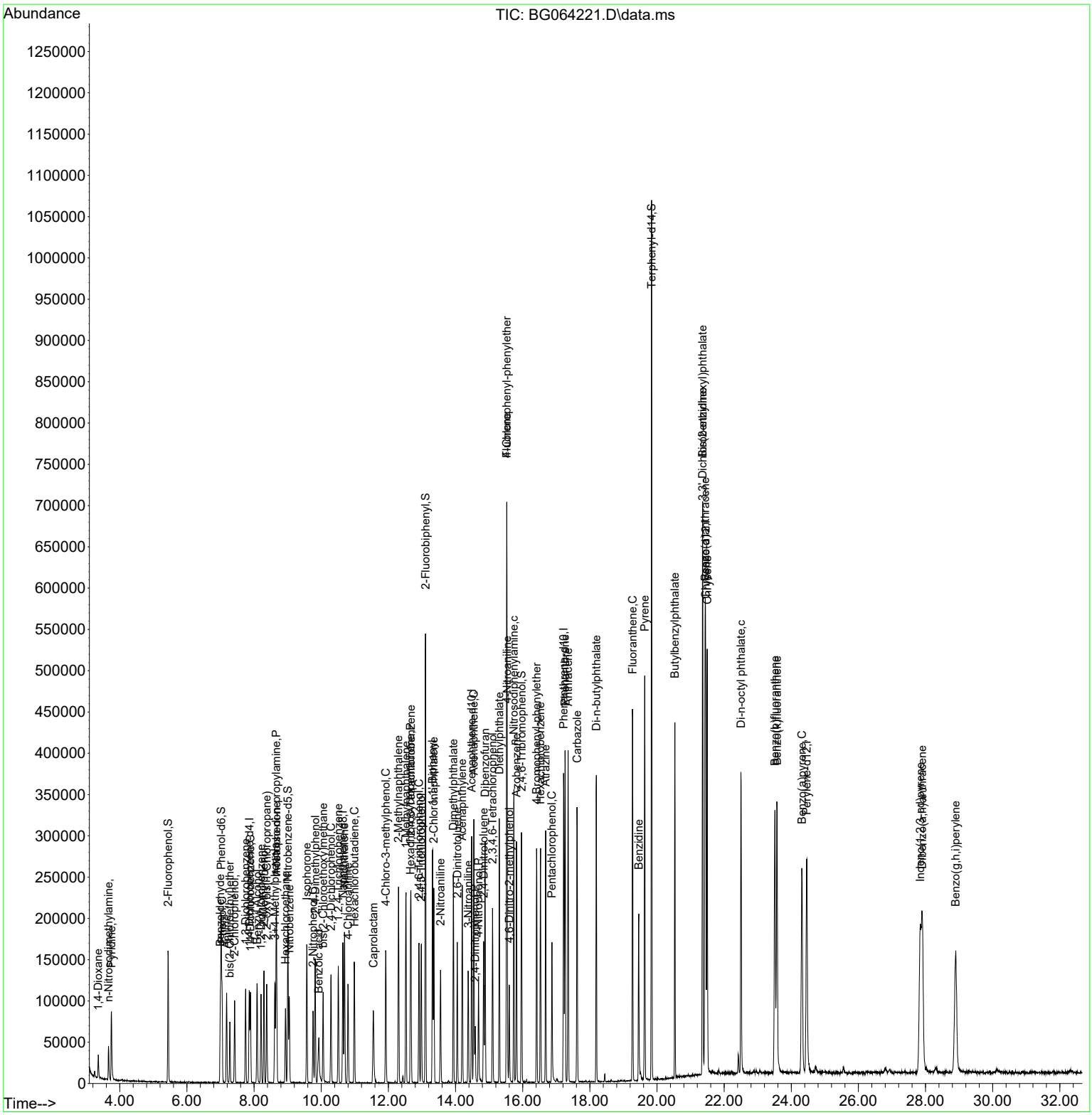
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064221.D
Acq On : 28 Aug 2025 12:53
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 28 18:40:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064222.D
Acq On : 28 Aug 2025 13:33
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 28 18:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	26688	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	126200	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	90061	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	216625	20.000	ng	0.00
76) Chrysene-d12	21.455	240	230899	20.000	ng	0.00
86) Perylene-d12	24.463	264	249993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	117882	79.246	ng	0.00
7) Phenol-d6	7.025	99	161720	79.133	ng	0.00
23) Nitrobenzene-d5	9.010	82	184443	81.509	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	99487	83.399	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	478450	81.088	ng	0.00
79) Terphenyl-d14	19.839	244	905835	81.849	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	20648	33.302	ng	100
3) Pyridine	3.752	79	71416	39.129	ng	100
4) n-Nitrosodimethylamine	3.670	42	49194	40.750	ng	100
6) Aniline	7.183	93	113404	40.128	ng	100
8) 2-Chlorophenol	7.424	128	75709	41.650	ng	100
9) Benzaldehyde	6.995	77	73366	43.623	ng	100
10) Phenol	7.048	94	89064	39.529	ng	100
11) bis(2-Chloroethyl)ether	7.283	93	68380	40.387	ng	100
12) 1,3-Dichlorobenzene	7.747	146	78542	40.615	ng	100
13) 1,4-Dichlorobenzene	7.894	146	78264	40.101	ng	100
14) 1,2-Dichlorobenzene	8.206	146	75225	39.936	ng	100
15) Benzyl Alcohol	8.088	79	76134	40.370	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.376	45	154642	40.005	ng	100
17) 2-Methylphenol	8.294	107	67291	40.073	ng	100
18) Hexachloroethane	8.934	117	31114	40.841	ng	100
19) n-Nitroso-di-n-propyla...	8.664	70	64204	41.049	ng	100
20) 3+4-Methylphenols	8.623	107	90856	38.939	ng	100
22) Acetophenone	8.670	105	126717	39.689	ng	100
24) Nitrobenzene	9.052	77	97991	41.447	ng	100
25) Isophorone	9.575	82	188784	40.142	ng	100
26) 2-Nitrophenol	9.763	139	43222	42.309	ng	100
27) 2,4-Dimethylphenol	9.821	122	74893	41.756	ng	100
28) bis(2-Chloroethoxy)met...	10.056	93	104447	41.188	ng	100
29) 2,4-Dichlorophenol	10.291	162	78139	41.290	ng	100
30) 1,2,4-Trichlorobenzene	10.509	180	80502	40.344	ng	100
31) Naphthalene	10.697	128	261400	39.944	ng	100
32) Benzoic acid	9.956	122	60467m	42.471	ng	
33) 4-Chloroaniline	10.797	127	106157	41.854	ng	100
34) Hexachlorobutadiene	10.991	225	59902	40.612	ng	100
35) Caprolactam	11.572	113	31152	42.513	ng	100
36) 4-Chloro-3-methylphenol	11.925	107	99772	40.634	ng	100
37) 2-Methylnaphthalene	12.307	142	198855	40.881	ng	100
38) 1-Methylnaphthalene	12.524	142	195785	40.750	ng	100
40) 1,2,4,5-Tetrachloroben...	12.677	216	104909	40.372	ng	100
41) Hexachlorocyclopentadiene	12.659	237	49514	40.092	ng	100
43) 2,4,6-Trichlorophenol	12.912	196	71398	41.108	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064222.D
Acq On : 28 Aug 2025 13:33
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 28 18:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	77976	41.387	ng	100
46) 1,1'-Biphenyl	13.317	154	269191	41.038	ng	100
47) 2-Chloronaphthalene	13.358	162	200412	40.640	ng	100
48) 2-Nitroaniline	13.558	65	73815	43.916	ng	100
49) Acenaphthylene	14.204	152	301771	41.396	ng	100
50) Dimethylphthalate	13.940	163	280002	41.075	ng	100
51) 2,6-Dinitrotoluene	14.052	165	58034	43.975	ng	100
52) Acenaphthene	14.545	154	212105	41.230	ng	100
53) 3-Nitroaniline	14.387	138	59560	43.085	ng	100
54) 2,4-Dinitrophenol	14.586	184	32082	40.231	ng	100
55) Dibenzofuran	14.880	168	330167	40.802	ng	100
56) 4-Nitrophenol	14.686	139	51577	45.484	ng	100
57) 2,4-Dinitrotoluene	14.839	165	87210	43.705	ng	100
58) Fluorene	15.526	166	275394	41.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.103	232	75450	41.637	ng	100
60) Diethylphthalate	15.309	149	304086	41.681	ng	100
61) 4-Chlorophenyl-phenyle...	15.526	204	135998	41.127	ng	100
62) 4-Nitroaniline	15.544	138	63286	44.865	ng	100
63) Azobenzene	15.814	77	270729	41.635	ng	100
65) 4,6-Dinitro-2-methylph...	15.603	198	51221	41.184	ng	100
66) n-Nitrosodiphenylamine	15.738	169	243339	40.835	ng	100
67) 4-Bromophenyl-phenylether	16.419	248	93326	40.562	ng	100
68) Hexachlorobenzene	16.531	284	98094	38.392	ng	100
69) Atrazine	16.690	200	103824	41.726	ng	100
70) Pentachlorophenol	16.872	266	66146	42.696	ng	100
71) Phenanthrene	17.265	178	469432	41.086	ng	100
72) Anthracene	17.354	178	481293	41.411	ng	100
73) Carbazole	17.624	167	434112	42.400	ng	100
74) Di-n-butylphthalate	18.194	149	524841	42.668	ng	100
75) Fluoranthene	19.275	202	565136	42.067	ng	100
77) Benzidine	19.457	184	205659	42.340	ng	100
78) Pyrene	19.633	202	601727	41.364	ng	100
80) Butylbenzylphthalate	20.532	149	228304	41.610	ng	100
81) Benzo(a)anthracene	21.431	228	598710	40.530	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	197938	41.144	ng	100
83) Chrysene	21.496	228	576127	40.625	ng	100
84) Bis(2-ethylhexyl)phtha...	21.361	149	338114	41.046	ng	100
85) Di-n-octyl phthalate	22.501	149	583481	40.652	ng	100
87) Indeno(1,2,3-cd)pyrene	27.847	276	699504	40.973	ng	100
88) Benzo(b)fluoranthene	23.511	252	587871	41.666	ng	100
89) Benzo(k)fluoranthene	23.576	252	570589	39.695	ng	100
90) Benzo(a)pyrene	24.322	252	541764	41.278	ng	100
91) Dibenzo(a,h)anthracene	27.906	278	567245	41.382	ng	100
92) Benzo(g,h,i)perylene	28.911	276	541401	40.590	ng	100

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

ICAL Form

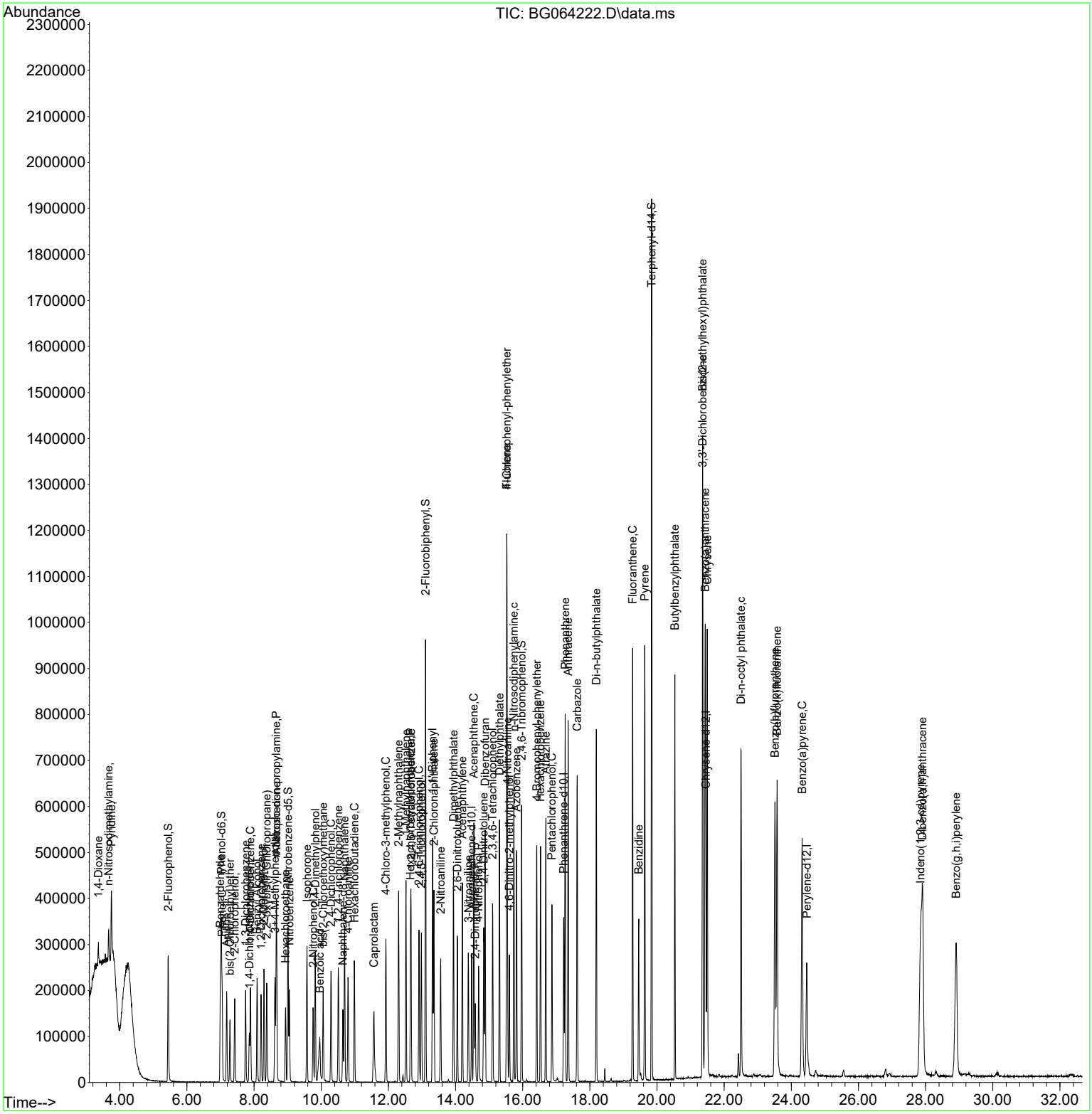
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064222.D
Acq On : 28 Aug 2025 13:33
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 28 18:40:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064223.D
Acq On : 28 Aug 2025 14:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 28 18:40:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	33981	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	162789	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	113459	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	260584	20.000	ng		0.00
76) Chrysene-d12	21.457	240	265427	20.000	ng		0.00
86) Perylene-d12	24.465	264	291787	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	182705	96.463	ng		0.00
7) Phenol-d6	7.027	99	258550	99.362	ng		0.00
23) Nitrobenzene-d5	9.012	82	290513	99.528	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	148084	98.538	ng		0.00
45) 2-Fluorobiphenyl	13.108	172	730952	98.334	ng		0.00
79) Terphenyl-d14	19.841	244	1218425	95.772	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	36549	46.296	ng		91
3) Pyridine	3.748	79	111747	48.087	ng	#	62
4) n-Nitrosodimethylamine	3.666	42	76108	49.514	ng		95
6) Aniline	7.185	93	182696	50.772	ng		98
8) 2-Chlorophenol	7.420	128	115532	49.917	ng		95
9) Benzaldehyde	6.997	77	101310m	47.310	ng		
10) Phenol	7.050	94	147768	51.508	ng		98
11) bis(2-Chloroethyl)ether	7.285	93	106590	49.444	ng		95
12) 1,3-Dichlorobenzene	7.749	146	118413	48.091	ng		93
13) 1,4-Dichlorobenzene	7.890	146	121131	48.745	ng		98
14) 1,2-Dichlorobenzene	8.208	146	115952	48.346	ng		97
15) Benzyl Alcohol	8.096	79	121664	50.666	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.378	45	240049	48.772	ng		97
17) 2-Methylphenol	8.296	107	103441	48.380	ng		95
18) Hexachloroethane	8.936	117	48573	50.074	ng		92
19) n-Nitroso-di-n-propyla...	8.666	70	102918	51.679	ng		93
20) 3+4-Methylphenols	8.625	107	148663	50.040	ng		95
22) Acetophenone	8.678	105	201707	48.977	ng	#	99
24) Nitrobenzene	9.054	77	153531	50.343	ng		100
25) Isophorone	9.577	82	298308	49.174	ng		98
26) 2-Nitrophenol	9.759	139	67834	51.476	ng		87
27) 2,4-Dimethylphenol	9.823	122	112443	48.601	ng		99
28) bis(2-Chloroethoxy)met...	10.058	93	158665	48.505	ng		95
29) 2,4-Dichlorophenol	10.293	162	121661	49.838	ng		96
30) 1,2,4-Trichlorobenzene	10.511	180	125532	48.771	ng		99
31) Naphthalene	10.699	128	408504	48.392	ng		98
32) Benzoic acid	9.982	122	100402m	54.670	ng		
33) 4-Chloroaniline	10.799	127	167341	51.147	ng		99
34) Hexachlorobutadiene	10.987	225	91046	47.853	ng		90
35) Caprolactam	11.586	113	45631	48.275	ng	#	87
36) 4-Chloro-3-methylphenol	11.927	107	157192	49.630	ng		94
37) 2-Methylnaphthalene	12.309	142	308014	49.089	ng		97
38) 1-Methylnaphthalene	12.526	142	299438	48.315	ng		98
40) 1,2,4,5-Tetrachloroben...	12.673	216	164947	50.386	ng		98
41) Hexachlorocyclopentadiene	12.655	237	82228	52.851	ng		99
43) 2,4,6-Trichlorophenol	12.914	196	108841	49.743	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064223.D
Acq On : 28 Aug 2025 14:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 28 18:40:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	120763	50.879	ng		97
46) 1,1'-Biphenyl	13.319	154	410868	49.719	ng		99
47) 2-Chloronaphthalene	13.360	162	310870	50.039	ng		99
48) 2-Nitroaniline	13.560	65	111792	52.795	ng		97
49) Acenaphthylene	14.206	152	455916	49.644	ng		99
50) Dimethylphthalate	13.942	163	414776	48.298	ng		99
51) 2,6-Dinitrotoluene	14.054	165	85196	51.244	ng		94
52) Acenaphthene	14.547	154	320309	49.423	ng		96
53) 3-Nitroaniline	14.383	138	89170	51.202	ng		99
54) 2,4-Dinitrophenol	14.588	184	52115	50.240	ng		87
55) Dibenzofuran	14.882	168	499696	49.018	ng		98
56) 4-Nitrophenol	14.694	139	73126	51.188	ng		93
57) 2,4-Dinitrotoluene	14.841	165	127679	50.791	ng	#	98
58) Fluorene	15.534	166	401649	48.071	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.105	232	117168	51.324	ng		97
60) Diethylphthalate	15.311	149	435581	47.393	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	204160	49.008	ng		99
62) 4-Nitroaniline	15.552	138	94189	53.002	ng		96
63) Azobenzene	15.816	77	399233	48.736	ng		97
65) 4,6-Dinitro-2-methylph...	15.605	198	78644	52.566	ng		97
66) n-Nitrosodiphenylamine	15.740	169	353288	49.284	ng		98
67) 4-Bromophenyl-phenylether	16.416	248	137844	49.804	ng		94
68) Hexachlorobenzene	16.533	284	150620	49.006	ng		92
69) Atrazine	16.692	200	145808	48.714	ng		96
70) Pentachlorophenol	16.874	266	96347	51.699	ng	#	88
71) Phenanthrene	17.268	178	664429	48.343	ng		98
72) Anthracene	17.356	178	673083	48.144	ng		99
73) Carbazole	17.626	167	597673	48.528	ng		99
74) Di-n-butylphthalate	18.196	149	713842	48.243	ng		98
75) Fluoranthene	19.277	202	767254	47.477	ng		97
77) Benzidine	19.459	184	255340	45.730	ng		100
78) Pyrene	19.635	202	806963	48.257	ng		99
80) Butylbenzylphthalate	20.534	149	314706	49.896	ng		98
81) Benzo(a)anthracene	21.433	228	828398	48.784	ng		99
82) 3,3'-Dichlorobenzidine	21.357	252	272006	49.185	ng		97
83) Chrysene	21.498	228	798825	49.001	ng		100
84) Bis(2-ethylhexyl)phtha...	21.363	149	472845	49.934	ng		98
85) Di-n-octyl phthalate	22.508	149	814659	49.375	ng		99
87) Indeno(1,2,3-cd)pyrene	27.867	276	983131	49.338	ng	#	96
88) Benzo(b)fluoranthene	23.519	252	805106	48.889	ng		99
89) Benzo(k)fluoranthene	23.584	252	825274	49.190	ng		98
90) Benzo(a)pyrene	24.330	252	763697	49.853	ng		99
91) Dibenzo(a,h)anthracene	27.920	278	793072	49.569	ng		98
92) Benzo(g,h,i)perylene	28.924	276	760245	48.833	ng		99

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

ICAL Form

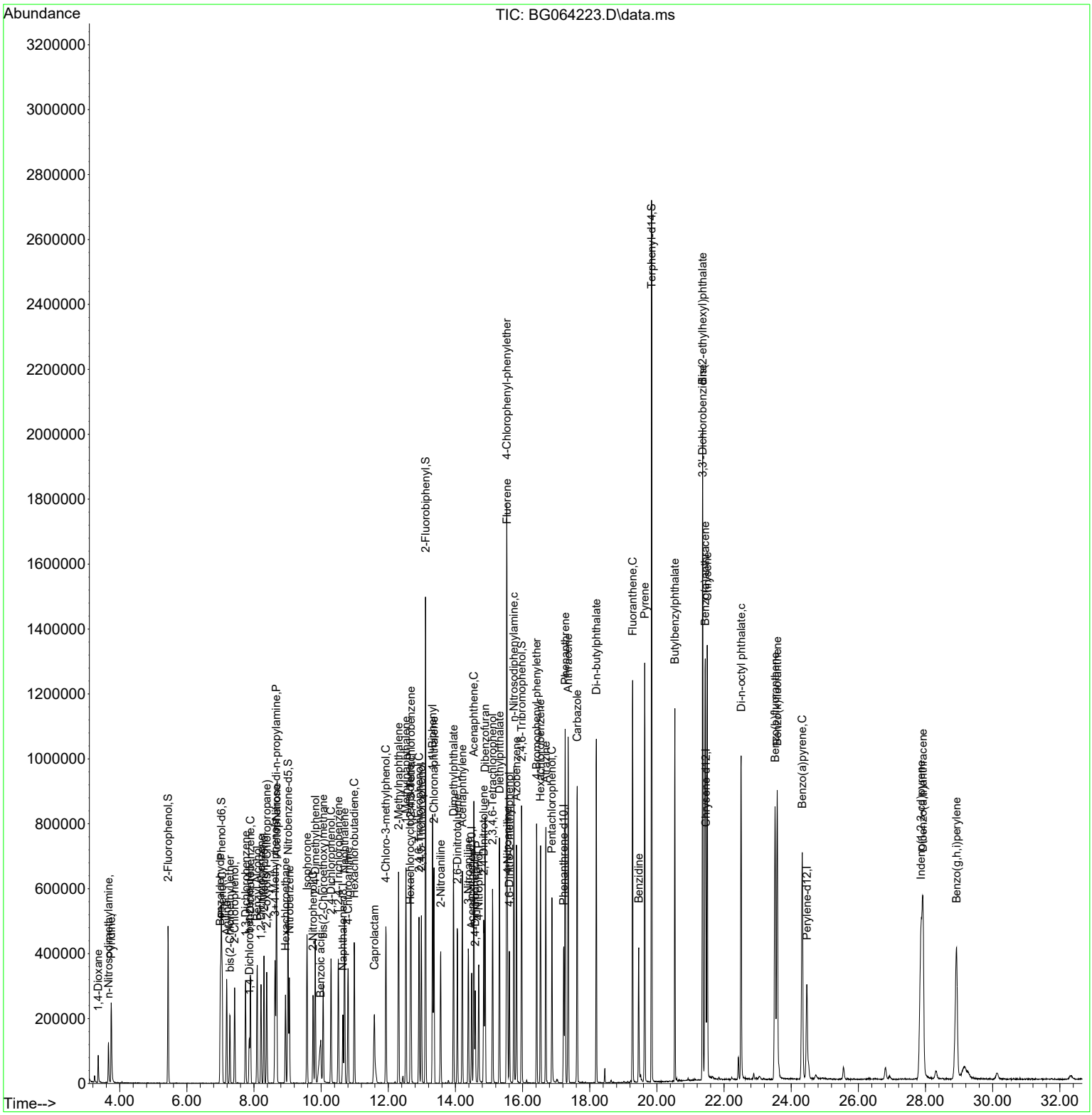
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064223.D
Acq On : 28 Aug 2025 14:55
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 28 18:40:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064224.D
Acq On : 28 Aug 2025 15:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	36015	20.000	ng		0.00
21) Naphthalene-d8	10.647	136	170958	20.000	ng		0.00
39) Acenaphthene-d10	14.484	164	119119	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	261407	20.000	ng		0.00
76) Chrysene-d12	21.458	240	260140	20.000	ng		0.00
86) Perylene-d12	24.460	264	282089	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	241289	120.199	ng		0.00
7) Phenol-d6	7.028	99	335950	121.816	ng		0.00
23) Nitrobenzene-d5	9.014	82	385656	125.810	ng		0.00
42) 2,4,6-Tribromophenol	15.970	330	183766	116.471	ng		0.00
45) 2-Fluorobiphenyl	13.109	172	931958	119.418	ng		0.00
79) Terphenyl-d14	19.842	244	1464829	117.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	46659	55.765	ng		93
3) Pyridine	3.749	79	148183	60.164	ng	#	59
4) n-Nitrosodimethylamine	3.667	42	98975	60.754	ng		98
6) Aniline	7.186	93	238042	62.417	ng		100
8) 2-Chlorophenol	7.421	128	152055	61.987	ng		96
9) Benzaldehyde	6.998	77	155435	68.486	ng		98
10) Phenol	7.057	94	188585	62.023	ng		97
11) bis(2-Chloroethyl)ether	7.286	93	137237	60.065	ng		94
12) 1,3-Dichlorobenzene	7.750	146	153973	59.001	ng		96
13) 1,4-Dichlorobenzene	7.891	146	156384	59.377	ng		96
14) 1,2-Dichlorobenzene	8.209	146	155259	61.080	ng		97
15) Benzyl Alcohol	8.097	79	155325	61.031	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.379	45	316667	60.705	ng		97
17) 2-Methylphenol	8.297	107	141026	62.233	ng		93
18) Hexachloroethane	8.937	117	61354	59.678	ng		90
19) n-Nitroso-di-n-propyla...	8.667	70	132872	62.952	ng		96
20) 3+4-Methylphenols	8.626	107	193119	61.332	ng		97
22) Acetophenone	8.679	105	263157	60.845	ng		98
24) Nitrobenzene	9.055	77	198465	61.967	ng		99
25) Isophorone	9.583	82	386602	60.683	ng		99
26) 2-Nitrophenol	9.760	139	90366	65.298	ng		93
27) 2,4-Dimethylphenol	9.824	122	149302	61.449	ng		96
28) bis(2-Chloroethoxy)met...	10.059	93	207316	60.350	ng		95
29) 2,4-Dichlorophenol	10.294	162	159519	62.224	ng		95
30) 1,2,4-Trichlorobenzene	10.512	180	162624	60.163	ng		97
31) Naphthalene	10.700	128	533782	60.212	ng		98
32) Benzoic acid	10.001	122	133067m	68.994	ng		
33) 4-Chloroaniline	10.800	127	214932	62.554	ng		97
34) Hexachlorobutadiene	10.988	225	121022	60.569	ng		91
35) Caprolactam	11.593	113	58399	58.831	ng	#	89
36) 4-Chloro-3-methylphenol	11.934	107	202895	60.999	ng		95
37) 2-Methylnaphthalene	12.310	142	395854	60.074	ng		96
38) 1-Methylnaphthalene	12.527	142	386279	59.349	ng		99
40) 1,2,4,5-Tetrachloroben...	12.674	216	211572	61.558	ng		98
41) Hexachlorocyclopentadiene	12.662	237	109873	67.263	ng		94
43) 2,4,6-Trichlorophenol	12.915	196	142653	62.098	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064224.D
Acq On : 28 Aug 2025 15:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	156040	62.618	ng		100
46) 1,1'-Biphenyl	13.320	154	525792	60.603	ng		98
47) 2-Chloronaphthalene	13.361	162	399038	61.178	ng		96
48) 2-Nitroaniline	13.561	65	145751	65.561	ng		92
49) Acenaphthylene	14.207	152	575370	59.674	ng		99
50) Dimethylphthalate	13.943	163	516639	57.300	ng		100
51) 2,6-Dinitrotoluene	14.061	165	112647	64.535	ng		92
52) Acenaphthene	14.548	154	404535	59.453	ng		99
53) 3-Nitroaniline	14.390	138	115002	62.898	ng		92
54) 2,4-Dinitrophenol	14.589	184	67869	60.959	ng		95
55) Dibenzofuran	14.883	168	626661	58.552	ng		97
56) 4-Nitrophenol	14.695	139	91069	60.719	ng		96
57) 2,4-Dinitrotoluene	14.848	165	163372	61.902	ng	#	96
58) Fluorene	15.535	166	499733	56.968	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.106	232	144297	60.205	ng		98
60) Diethylphthalate	15.312	149	546656	56.652	ng		100
61) 4-Chlorophenyl-phenyle...	15.529	204	255865	58.501	ng		98
62) 4-Nitroaniline	15.553	138	118212	63.360	ng		96
63) Azobenzene	15.823	77	497962	57.900	ng		98
65) 4,6-Dinitro-2-methylph...	15.612	198	101194	67.426	ng		91
66) n-Nitrosodiphenylamine	15.741	169	441909	61.453	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	171364	61.720	ng		95
68) Hexachlorobenzene	16.534	284	190207	61.691	ng		96
69) Atrazine	16.693	200	176003	58.617	ng		99
70) Pentachlorophenol	16.875	266	122654	65.608	ng		93
71) Phenanthrene	17.269	178	816436	59.216	ng		99
72) Anthracene	17.357	178	838831	59.810	ng		99
73) Carbazole	17.627	167	733146	59.340	ng		98
74) Di-n-butylphthalate	18.197	149	877217	59.097	ng		98
75) Fluoranthene	19.278	202	947053	58.419	ng		100
77) Benzidine	19.454	184	278230	50.842	ng		99
78) Pyrene	19.636	202	990486	60.435	ng		99
80) Butylbenzylphthalate	20.535	149	386881	62.586	ng		98
81) Benzo(a)anthracene	21.434	228	1010842	60.738	ng		99
82) 3,3'-Dichlorobenzidine	21.358	252	324809	59.926	ng		98
83) Chrysene	21.499	228	958620	59.998	ng		98
84) Bis(2-ethylhexyl)phtha...	21.364	149	572579	61.696	ng		98
85) Di-n-octyl phthalate	22.504	149	1017157	62.901	ng		100
87) Indeno(1,2,3-cd)pyrene	27.868	276	1208324	62.724	ng	#	96
88) Benzo(b)fluoranthene	23.520	252	985063	61.873	ng		99
89) Benzo(k)fluoranthene	23.585	252	994667	61.325	ng		98
90) Benzo(a)pyrene	24.331	252	923392	62.350	ng		97
91) Dibenzo(a,h)anthracene	27.921	278	968236	62.598	ng		99
92) Benzo(g,h,i)perylene	28.925	276	933012	61.991	ng		98

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

ICAL Form

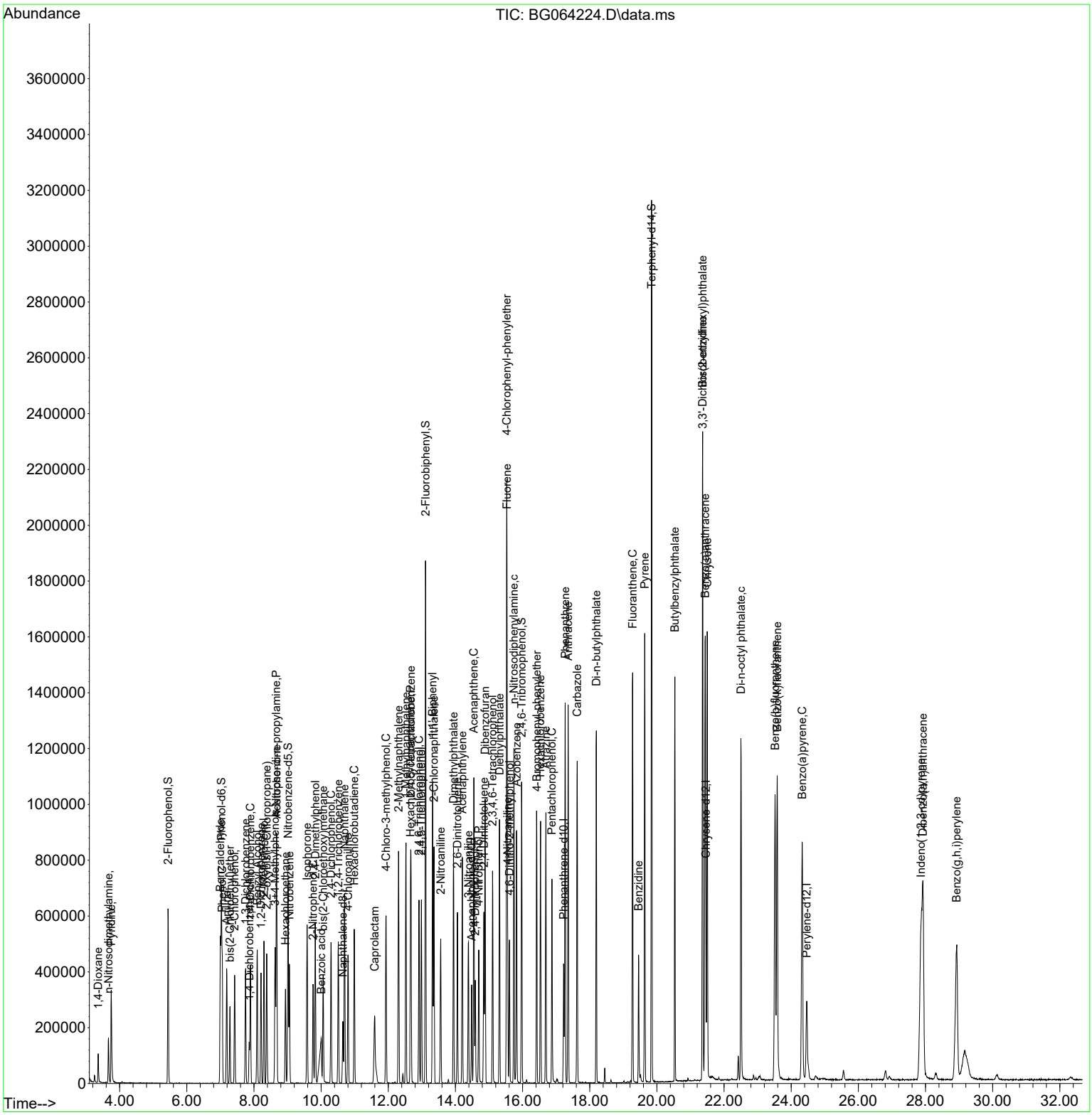
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064224.D
Acq On : 28 Aug 2025 15:35
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 28 18:41:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064225.D
Acq On : 28 Aug 2025 16:16
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 28 18:41:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.859	152	31439	20.000	ng		0.00
21) Naphthalene-d8	10.650	136	150999	20.000	ng	#	0.00
39) Acenaphthene-d10	14.481	164	104548	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	231385	20.000	ng		0.00
76) Chrysene-d12	21.455	240	235542	20.000	ng		0.00
86) Perylene-d12	24.463	264	252822	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	284858	162.557	ng		0.00
7) Phenol-d6	7.031	99	385197	160.002	ng		0.00
23) Nitrobenzene-d5	9.017	82	435451	160.831	ng		0.00
42) 2,4,6-Tribromophenol	15.973	330	210720	152.168	ng		0.00
45) 2-Fluorobiphenyl	13.112	172	1040275	151.875	ng		0.00
79) Terphenyl-d14	19.845	244	1673235	148.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.359	88	53597	73.380	ng		94
3) Pyridine	3.752	79	169599	78.882	ng	#	56
4) n-Nitrosodimethylamine	3.664	42	112112	78.835	ng		87
6) Aniline	7.189	93	265369	79.710	ng		98
8) 2-Chlorophenol	7.424	128	171573	80.124	ng		96
10) Phenol	7.054	94	213623	80.484	ng		95
11) bis(2-Chloroethyl)ether	7.283	93	158234	79.334	ng		95
12) 1,3-Dichlorobenzene	7.747	146	176619	77.530	ng		97
13) 1,4-Dichlorobenzene	7.894	146	175825	76.475	ng		98
14) 1,2-Dichlorobenzene	8.212	146	174325	78.562	ng		94
15) Benzyl Alcohol	8.094	79	182418	82.109	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.376	45	352470	77.403	ng		98
17) 2-Methylphenol	8.300	107	156695	79.212	ng		99
18) Hexachloroethane	8.934	117	71260	79.402	ng		93
19) n-Nitroso-di-n-propyla...	8.664	70	146366	79.439	ng		93
20) 3+4-Methylphenols	8.629	107	220429	80.195	ng		98
22) Acetophenone	8.676	105	297000	77.746	ng	#	97
24) Nitrobenzene	9.058	77	226441	80.047	ng		98
25) Isophorone	9.587	82	437415	77.734	ng		99
26) 2-Nitrophenol	9.763	139	103335	84.539	ng		88
27) 2,4-Dimethylphenol	9.827	122	168782	78.649	ng		99
28) bis(2-Chloroethoxy)met...	10.062	93	236323	77.887	ng		97
29) 2,4-Dichlorophenol	10.297	162	177516	78.397	ng		95
30) 1,2,4-Trichlorobenzene	10.509	180	184039	77.085	ng		99
31) Naphthalene	10.697	128	595827	76.094	ng		99
32) Benzoic acid	10.015	122	147808m	86.767	ng		
33) 4-Chloroaniline	10.803	127	242526	79.915	ng		98
34) Hexachlorobutadiene	10.991	225	135868	76.987	ng		91
35) Caprolactam	11.602	113	66367	75.695	ng	#	85
36) 4-Chloro-3-methylphenol	11.931	107	231233	78.708	ng		95
37) 2-Methylnaphthalene	12.307	142	443073	76.128	ng		97
38) 1-Methylnaphthalene	12.524	142	435898	75.825	ng		96
40) 1,2,4,5-Tetrachloroben...	12.677	216	241038	79.906	ng		99
41) Hexachlorocyclopentadiene	12.659	237	123923	86.438	ng		95
43) 2,4,6-Trichlorophenol	12.912	196	164665	81.670	ng		93
44) 2,4,5-Trichlorophenol	12.988	196	177089	80.969	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064225.D
Acq On : 28 Aug 2025 16:16
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.317	154	595496	78.203	ng		100
47) 2-Chloronaphthalene	13.359	162	451011	78.784	ng		97
48) 2-Nitroaniline	13.564	65	165981	85.067	ng		98
49) Acenaphthylene	14.205	152	660780	78.084	ng		98
50) Dimethylphthalate	13.946	163	592653	74.892	ng		100
51) 2,6-Dinitrotoluene	14.058	165	127509	83.231	ng		98
52) Acenaphthene	14.551	154	457783	76.655	ng		96
53) 3-Nitroaniline	14.387	138	130491	81.316	ng		92
54) 2,4-Dinitrophenol	14.592	184	79263	79.247	ng	#	84
55) Dibenzofuran	14.880	168	720048	76.654	ng		98
56) 4-Nitrophenol	14.698	139	110109	83.646	ng		98
57) 2,4-Dinitrotoluene	14.845	165	190202	82.112	ng		98
58) Fluorene	15.533	166	574100	74.567	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.109	232	164241	78.076	ng		99
60) Diethylphthalate	15.315	149	633833	74.841	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	289860	75.511	ng		96
62) 4-Nitroaniline	15.556	138	136014	83.062	ng		98
63) Azobenzene	15.820	77	577669	76.529	ng		98
65) 4,6-Dinitro-2-methylph...	15.609	198	118887	89.493	ng		99
66) n-Nitrosodiphenylamine	15.744	169	501350	78.764	ng		96
67) 4-Bromophenyl-phenylether	16.420	248	199527	81.188	ng		99
68) Hexachlorobenzene	16.537	284	217240	79.601	ng		93
69) Atrazine	16.696	200	203423	76.540	ng		99
70) Pentachlorophenol	16.878	266	144874	87.549	ng		93
71) Phenanthrene	17.266	178	939199	76.958	ng		98
72) Anthracene	17.360	178	951911	76.680	ng		98
73) Carbazole	17.624	167	841735	76.969	ng		98
74) Di-n-butylphthalate	18.194	149	1011294	76.970	ng		99
75) Fluoranthene	19.275	202	1084541	75.580	ng		98
77) Benzidine	19.457	184	337627	68.139	ng		98
78) Pyrene	19.639	202	1147906	77.355	ng		99
80) Butylbenzylphthalate	20.533	149	453565	81.036	ng		100
81) Benzo(a)anthracene	21.437	228	1171856	77.766	ng		99
82) 3,3'-Dichlorobenzidine	21.361	252	380457	77.523	ng		97
83) Chrysene	21.502	228	1121478	77.521	ng		99
84) Bis(2-ethylhexyl)phtha...	21.367	149	661990	78.779	ng		96
85) Di-n-octyl phthalate	22.507	149	1167706	79.752	ng		100
87) Indeno(1,2,3-cd)pyrene	27.871	276	1401756	81.188	ng	#	98
88) Benzo(b)fluoranthene	23.517	252	1165918	81.710	ng		99
89) Benzo(k)fluoranthene	23.588	252	1148481	79.005	ng		98
90) Benzo(a)pyrene	24.328	252	1066956	80.383	ng		100
91) Dibenzo(a,h)anthracene	27.924	278	1133261	81.749	ng		98
92) Benzo(g,h,i)perylene	28.934	276	1088525	80.696	ng		98

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

ICAL Form

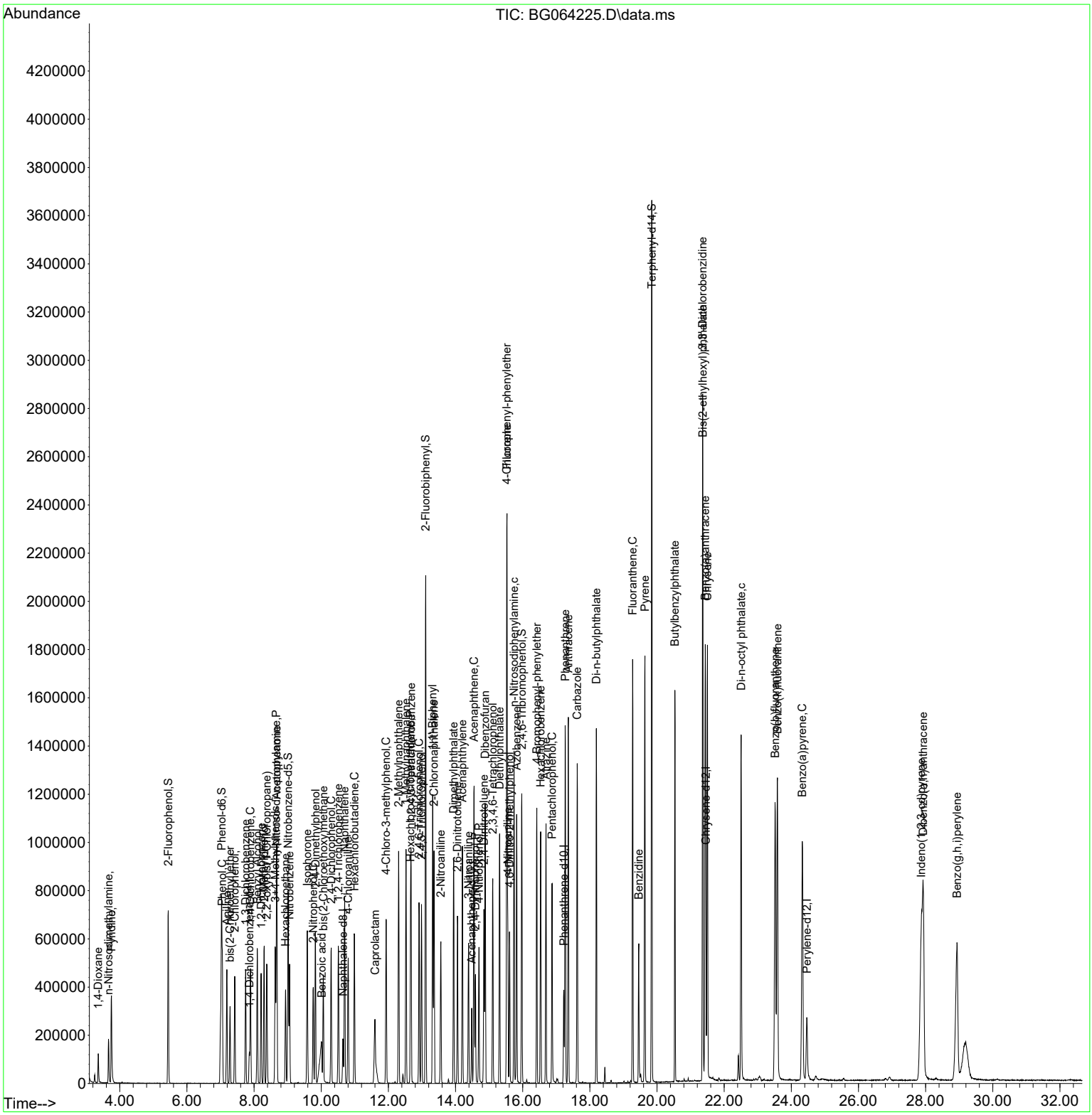
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064225.D
Acq On : 28 Aug 2025 16:16
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 28 18:41:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.862	152	29889	20.000	ng		0.00
21) Naphthalene-d8	10.647	136	138322	20.000	ng		0.00
39) Acenaphthene-d10	14.483	164	98110	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	230329	20.000	ng		0.00
76) Chrysene-d12	21.452	240	233808	20.000	ng		0.00
86) Perylene-d12	24.460	264	253621	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	118083	70.880	ng		0.00
7) Phenol-d6	7.022	99	163938	71.628	ng		0.00
23) Nitrobenzene-d5	9.008	82	190915	76.975	ng		0.00
42) 2,4,6-Tribromophenol	15.970	330	95626	73.586	ng		0.00
45) 2-Fluorobiphenyl	13.109	172	482755	75.105	ng		0.00
79) Terphenyl-d14	19.842	244	849308	75.787	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	24759	35.656	ng		91
3) Pyridine	3.749	79	70553	34.517	ng	#	58
4) n-Nitrosodimethylamine	3.667	42	50477	37.335	ng	#	82
6) Aniline	7.186	93	120120	37.952	ng		99
8) 2-Chlorophenol	7.421	128	76422	37.539	ng		96
9) Benzaldehyde	6.998	77	64525	34.257	ng		98
10) Phenol	7.045	94	93735	37.147	ng		96
11) bis(2-Chloroethyl)ether	7.280	93	71259	37.580	ng		97
12) 1,3-Dichlorobenzene	7.750	146	80599	37.215	ng		98
13) 1,4-Dichlorobenzene	7.891	146	83439	38.174	ng		95
14) 1,2-Dichlorobenzene	8.208	146	83276	39.476	ng		95
15) Benzyl Alcohol	8.091	79	82068	38.856	ng	#	92
16) 2,2'-oxybis(1-Chloropr...	8.385	45	158838	36.690	ng		97
17) 2-Methylphenol	8.297	107	70037	37.241	ng		93
18) Hexachloroethane	8.937	117	30906	36.223	ng	#	87
19) n-Nitroso-di-n-propyla...	8.661	70	69352	39.592	ng		98
20) 3+4-Methylphenols	8.620	107	97172	37.186	ng		97
22) Acetophenone	8.673	105	138203	39.493	ng	#	99
24) Nitrobenzene	9.049	77	97991	37.815	ng		99
25) Isophorone	9.577	82	203159	39.413	ng		98
26) 2-Nitrophenol	9.760	139	45144	40.318	ng	#	86
27) 2,4-Dimethylphenol	9.824	122	82382	41.907	ng		94
28) bis(2-Chloroethoxy)met...	10.059	93	108249	38.946	ng		96
29) 2,4-Dichlorophenol	10.288	162	78373	37.784	ng		97
30) 1,2,4-Trichlorobenzene	10.512	180	84798	38.773	ng		93
31) Naphthalene	10.694	128	269029	37.507	ng		97
32) Benzoic acid	9.959	122	63444m	40.656	ng		
33) 4-Chloroaniline	10.800	127	121492	43.702	ng		98
34) Hexachlorobutadiene	10.988	225	59520	36.817	ng		93
35) Caprolactam	11.569	113	30886	38.456	ng		96
36) 4-Chloro-3-methylphenol	11.922	107	102318	38.019	ng		96
37) 2-Methylnaphthalene	12.304	142	182749	34.277	ng		98
38) 1-Methylnaphthalene	12.527	142	193924	36.825	ng		96
40) 1,2,4,5-Tetrachloroben...	12.674	216	109403	38.648	ng		99
41) Hexachlorocyclopentadiene	12.656	237	69252	51.474	ng		89
43) 2,4,6-Trichlorophenol	12.909	196	74572	39.413	ng		88

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	78503	38.249	ng		97
46) 1,1'-Biphenyl	13.314	154	278762	39.011	ng		98
47) 2-Chloronaphthalene	13.355	162	205642	38.279	ng		98
48) 2-Nitroaniline	13.555	65	76496	41.777	ng		92
49) Acenaphthylene	14.201	152	345867	43.553	ng		99
50) Dimethylphthalate	13.943	163	281514	37.909	ng		99
51) 2,6-Dinitrotoluene	14.055	165	61558	42.818	ng		92
52) Acenaphthene	14.548	154	208675	37.235	ng		99
53) 3-Nitroaniline	14.384	138	63336	42.058	ng		98
54) 2,4-Dinitrophenol	14.589	184	32669	37.975	ng	#	89
55) Dibenzofuran	14.883	168	333145	37.793	ng		97
56) 4-Nitrophenol	14.689	139	48467	39.235	ng		98
57) 2,4-Dinitrotoluene	14.842	165	88592	40.756	ng	#	95
58) Fluorene	15.529	166	277028	38.343	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.106	232	80509	40.784	ng		97
60) Diethylphthalate	15.306	149	297822	37.474	ng		99
61) 4-Chlorophenyl-phenyle...	15.523	204	136825	37.983	ng		99
62) 4-Nitroaniline	15.541	138	64904	42.237	ng		87
63) Azobenzene	15.817	77	276201	38.992	ng		99
65) 4,6-Dinitro-2-methylph...	15.606	198	50530	38.211	ng		98
66) n-Nitrosodiphenylamine	15.741	169	244884	38.649	ng		99
67) 4-Bromophenyl-phenylether	16.417	248	91586	37.437	ng		95
68) Hexachlorobenzene	16.534	284	102532	37.742	ng		92
69) Atrazine	16.687	200	99280	37.526	ng		95
70) Pentachlorophenol	16.869	266	60707	36.854	ng		92
71) Phenanthrene	17.263	178	457203	37.635	ng		97
72) Anthracene	17.357	178	468737	37.931	ng		98
73) Carbazole	17.621	167	412655	37.906	ng		99
74) Di-n-butylphthalate	18.191	149	497961	38.074	ng		100
75) Fluoranthene	19.272	202	524509	36.720	ng		100
77) Benzidine	19.454	184	250946	51.021	ng		99
78) Pyrene	19.636	202	551941	37.470	ng		99
80) Butylbenzylphthalate	20.535	149	215271	38.747	ng		96
81) Benzo(a)anthracene	21.434	228	570869	38.165	ng		98
82) 3,3'-Dichlorobenzidine	21.358	252	204932	42.067	ng		98
83) Chrysene	21.499	228	544729	37.933	ng		99
84) Bis(2-ethylhexyl)phtha...	21.364	149	325380	39.008	ng		97
85) Di-n-octyl phthalate	22.503	149	565788	38.929	ng		100
87) Indeno(1,2,3-cd)pyrene	27.850	276	660292	38.123	ng	#	96
88) Benzo(b)fluoranthene	23.514	252	559215	39.068	ng		99
89) Benzo(k)fluoranthene	23.573	252	556111	38.135	ng		97
90) Benzo(a)pyrene	24.319	252	537384	40.358	ng		100
91) Dibenzo(a,h)anthracene	27.909	278	541703	38.953	ng		99
92) Benzo(g,h,i)perylene	28.908	276	528738	39.074	ng		99

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

ICAL Form

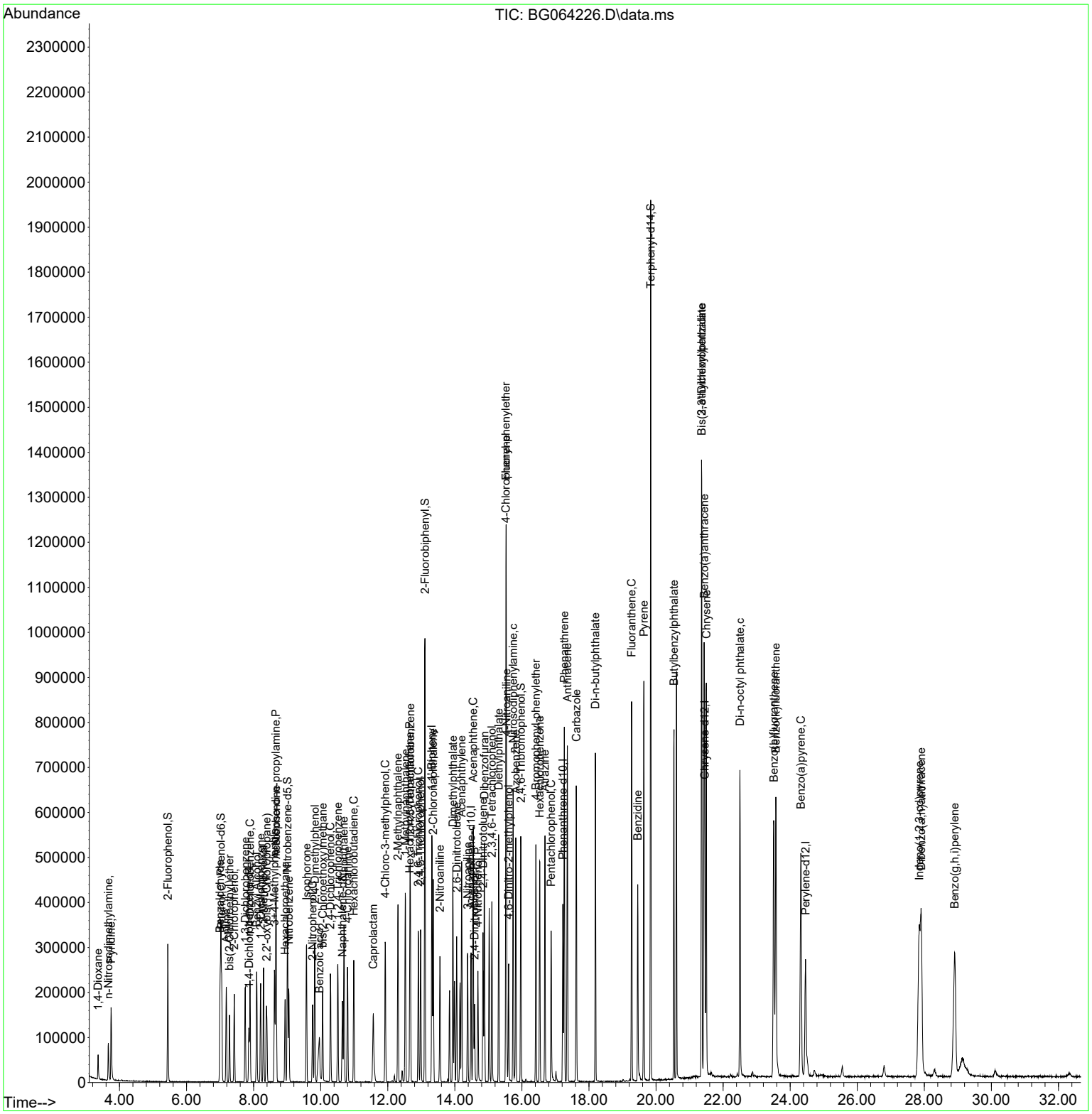
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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	112	0.00
2		1,4-Dioxane	0.465	0.414	11.0	120	0.00
3		Pyridine	1.368	1.180	13.7	99	0.00
4		n-Nitrosodimethylamine	0.905	0.844	6.7	103	0.00
5	S	2-Fluorophenol	1.115	0.988	11.4	100	0.00
6		Aniline	2.118	2.009	5.1	106	0.00
7	S	Phenol-d6	1.532	1.371	10.5	101	0.00
8		2-Chlorophenol	1.362	1.278	6.2	101	0.00
9		Benzaldehyde	1.260	1.079	14.4	88	0.00
10	C	Phenol	1.688	1.568	7.1	105	0.00
11		bis(2-Chloroethyl)ether	1.269	1.192	6.1	104	0.00
12		1,3-Dichlorobenzene	1.449	1.348	7.0	103	0.00
13	C	1,4-Dichlorobenzene	1.463	1.396	4.6	107	0.00
14		1,2-Dichlorobenzene	1.412	1.393	1.3	111	0.00
15		Benzyl Alcohol	1.413	1.373	2.8	108	0.00
16		2,2'-oxybis(1-Chloropropane	2.897	2.657	8.3	103	0.00
17		2-Methylphenol	1.258	1.172	6.8	104	0.00
18		Hexachloroethane	0.571	0.517	9.5	99	0.00
19	P	n-Nitroso-di-n-propylamine	1.172	1.160	1.0	108	0.00
20		3+4-Methylphenols	1.749	1.626	7.0	107	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	110	0.00
22		Acetophenone	0.506	0.500	1.2	109	0.00
23	S	Nitrobenzene-d5	0.359	0.345	3.9	104	0.00
24		Nitrobenzene	0.375	0.354	5.6	100	0.00
25		Isophorone	0.745	0.734	1.5	108	0.00
26	C	2-Nitrophenol	0.162	0.163	-0.6	104	0.00
27		2,4-Dimethylphenol	0.284	0.298	-4.9	110	0.00
28		bis(2-Chloroethoxy)methane	0.402	0.391	2.7	104	0.00
29	C	2,4-Dichlorophenol	0.300	0.283	5.7	100	0.00
30		1,2,4-Trichlorobenzene	0.316	0.307	2.8	105	0.00
31		Naphthalene	1.037	0.972	6.3	103	0.00
32		Benzoic acid	0.226	0.229	-1.3	105	-0.06
33		4-Chloroaniline	0.402	0.439	-9.2	114	0.00
34	C	Hexachlorobutadiene	0.234	0.215	8.1	99	0.00
35		Caprolactam	0.116	0.112	3.4	99	-0.03
36	C	4-Chloro-3-methylphenol	0.389	0.370	4.9	103	0.00
37		2-Methylnaphthalene	0.771	0.661	14.3	92	0.00
38		1-Methylnaphthalene	0.761	0.701	7.9	99	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	0.577	0.558	3.3	104	0.00
41	P	Hexachlorocyclopentadiene	0.274	0.353	-28.8#	140	0.00
42	S	2,4,6-Tribromophenol	0.265	0.244	7.9	96	0.00
43	C	2,4,6-Trichlorophenol	0.386	0.380	1.6	104	0.00
44		2,4,5-Trichlorophenol	0.418	0.400	4.3	101	0.00
45	S	2-Fluorobiphenyl	1.310	1.230	6.1	101	0.00
46		1,1'-Biphenyl	1.457	1.421	2.5	104	0.00
47		2-Chloronaphthalene	1.095	1.048	4.3	103	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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	0.373	0.390	-4.6	104	0.00
49		Acenaphthylene	1.619	1.763	-8.9	115	0.00
50		Dimethylphthalate	1.514	1.435	5.2	101	0.00
51		2,6-Dinitrotoluene	0.293	0.314	-7.2	106	0.00
52	C	Acenaphthene	1.142	1.063	6.9	98	0.00
53		3-Nitroaniline	0.307	0.323	-5.2	106	0.00
54	P	2,4-Dinitrophenol	0.163	0.166	-1.8	102	0.00
55		Dibenzofuran	1.797	1.698	5.5	101	0.00
56	P	4-Nitrophenol	0.252	0.247	2.0	94	0.00
57		2,4-Dinitrotoluene	0.443	0.451	-1.8	102	0.00
58		Fluorene	1.473	1.412	4.1	101	0.00
59		2,3,4,6-Tetrachlorophenol	0.402	0.410	-2.0	107	0.00
60		Diethylphthalate	1.620	1.518	6.3	98	0.00
61		4-Chlorophenyl-phenylether	0.734	0.697	5.0	101	0.00
62		4-Nitroaniline	0.313	0.331	-5.8	103	-0.01
63		Azobenzene	1.444	1.408	2.5	102	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	0.115	0.110	4.3	99	0.00
66	c	n-Nitrosodiphenylamine	0.550	0.532	3.3	101	0.00
67		4-Bromophenyl-phenylether	0.212	0.199	6.1	98	0.00
68		Hexachlorobenzene	0.236	0.223	5.5	105	0.00
69		Atrazine	0.230	0.216	6.1	96	0.00
70	C	Pentachlorophenol	0.143	0.132	7.7	92	0.00
71		Phenanthrene	1.055	0.992	6.0	97	0.00
72		Anthracene	1.073	1.018	5.1	97	0.00
73		Carbazole	0.945	0.896	5.2	95	0.00
74		Di-n-butylphthalate	1.136	1.081	4.8	95	0.00
75	C	Fluoranthene	1.240	1.139	8.1	93	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77		Benzidine	0.421	0.537	-27.6#	122	0.00
78		Pyrene	1.260	1.180	6.3	92	0.00
79	S	Terphenyl-d14	0.959	0.908	5.3	94	0.00
80		Butylbenzylphthalate	0.475	0.460	3.2	94	0.00
81		Benzo(a)anthracene	1.280	1.221	4.6	95	0.00
82		3,3'-Dichlorobenzidine	0.417	0.438	-5.0	104	0.00
83		Chrysene	1.228	1.165	5.1	95	0.00
84		Bis(2-ethylhexyl)phthalate	0.714	0.696	2.5	96	0.00
85	c	Di-n-octyl phthalate	1.243	1.210	2.7	97	0.00
86	I	Perylene-d12	1.000	1.000	0.0	101	0.00
87		Indeno(1,2,3-cd)pyrene	1.366	1.302	4.7	94	-0.02
88		Benzo(b)fluoranthene	1.129	1.102	2.4	95	0.00
89		Benzo(k)fluoranthene	1.150	1.096	4.7	97	-0.01
90	C	Benzo(a)pyrene	1.050	1.059	-0.9	99	0.00
91		Dibenzo(a,h)anthracene	1.097	1.068	2.6	95	-0.01
92		Benzo(g,h,i)perylene	1.067	1.042	2.3	98	-0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
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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	112	0.00
2		1,4-Dioxane	40.000	35.656	10.9	120	0.00
3		Pyridine	40.000	34.517	13.7	99	0.00
4		n-Nitrosodimethylamine	40.000	37.335	6.7	103	0.00
5	S	2-Fluorophenol	80.000	70.880	11.4	100	0.00
6		Aniline	40.000	37.952	5.1	106	0.00
7	S	Phenol-d6	80.000	71.628	10.5	101	0.00
8		2-Chlorophenol	40.000	37.539	6.2	101	0.00
9		Benzaldehyde	40.000	34.257	14.4	88	0.00
10	C	Phenol	40.000	37.147	7.1	105	0.00
11		bis(2-Chloroethyl)ether	40.000	37.580	6.1	104	0.00
12		1,3-Dichlorobenzene	40.000	37.215	7.0	103	0.00
13	C	1,4-Dichlorobenzene	40.000	38.174	4.6	107	0.00
14		1,2-Dichlorobenzene	40.000	39.476	1.3	111	0.00
15		Benzyl Alcohol	40.000	38.856	2.9	108	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.690	8.3	103	0.00
17		2-Methylphenol	40.000	37.241	6.9	104	0.00
18		Hexachloroethane	40.000	36.223	9.4	99	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.592	1.0	108	0.00
20		3+4-Methylphenols	40.000	37.186	7.0	107	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	110	0.00
22		Acetophenone	40.000	39.493	1.3	109	0.00
23	S	Nitrobenzene-d5	80.000	76.975	3.8	104	0.00
24		Nitrobenzene	40.000	37.815	5.5	100	0.00
25		Isophorone	40.000	39.413	1.5	108	0.00
26	C	2-Nitrophenol	40.000	40.318	-0.8	104	0.00
27		2,4-Dimethylphenol	40.000	41.907	-4.8	110	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.946	2.6	104	0.00
29	C	2,4-Dichlorophenol	40.000	37.784	5.5	100	0.00
30		1,2,4-Trichlorobenzene	40.000	38.773	3.1	105	0.00
31		Naphthalene	40.000	37.507	6.2	103	0.00
32		Benzoic acid	40.000	40.656	-1.6	105	-0.06
33		4-Chloroaniline	40.000	43.702	-9.3	114	0.00
34	C	Hexachlorobutadiene	40.000	36.817	8.0	99	0.00
35		Caprolactam	40.000	38.456	3.9	99	-0.03
36	C	4-Chloro-3-methylphenol	40.000	38.019	5.0	103	0.00
37		2-Methylnaphthalene	40.000	34.277	14.3	92	0.00
38		1-Methylnaphthalene	40.000	36.825	7.9	99	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.648	3.4	104	0.00
41	P	Hexachlorocyclopentadiene	40.000	51.474	-28.7#	140	0.00
42	S	2,4,6-Tribromophenol	80.000	73.586	8.0	96	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.413	1.5	104	0.00
44		2,4,5-Trichlorophenol	40.000	38.249	4.4	101	0.00
45	S	2-Fluorobiphenyl	80.000	75.105	6.1	101	0.00
46		1,1'-Biphenyl	40.000	39.011	2.5	104	0.00
47		2-Chloronaphthalene	40.000	38.279	4.3	103	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
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ICVBG082825

Quant Time: Aug 28 19:07:41 2025
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Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.777	-4.4	104	0.00
49		Acenaphthylene	40.000	43.553	-8.9	115	0.00
50		Dimethylphthalate	40.000	37.909	5.2	101	0.00
51		2,6-Dinitrotoluene	40.000	42.818	-7.0	106	0.00
52	C	Acenaphthene	40.000	37.235	6.9	98	0.00
53		3-Nitroaniline	40.000	42.058	-5.1	106	0.00
54	P	2,4-Dinitrophenol	40.000	37.975	5.1	102	0.00
55		Dibenzofuran	40.000	37.793	5.5	101	0.00
56	P	4-Nitrophenol	40.000	39.235	1.9	94	0.00
57		2,4-Dinitrotoluene	40.000	40.756	-1.9	102	0.00
58		Fluorene	40.000	38.343	4.1	101	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.784	-2.0	107	0.00
60		Diethylphthalate	40.000	37.474	6.3	98	0.00
61		4-Chlorophenyl-phenylether	40.000	37.983	5.0	101	0.00
62		4-Nitroaniline	40.000	42.237	-5.6	103	-0.01
63		Azobenzene	40.000	38.992	2.5	102	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65		4,6-Dinitro-2-methylphenol	40.000	38.211	4.5	99	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.649	3.4	101	0.00
67		4-Bromophenyl-phenylether	40.000	37.437	6.4	98	0.00
68		Hexachlorobenzene	40.000	37.742	5.6	105	0.00
69		Atrazine	40.000	37.526	6.2	96	0.00
70	C	Pentachlorophenol	40.000	36.854	7.9	92	0.00
71		Phenanthrene	40.000	37.635	5.9	97	0.00
72		Anthracene	40.000	37.931	5.2	97	0.00
73		Carbazole	40.000	37.906	5.2	95	0.00
74		Di-n-butylphthalate	40.000	38.074	4.8	95	0.00
75	C	Fluoranthene	40.000	36.720	8.2	93	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77		Benzidine	40.000	51.021	-27.6#	122	0.00
78		Pyrene	40.000	37.470	6.3	92	0.00
79	S	Terphenyl-d14	80.000	75.787	5.3	94	0.00
80		Butylbenzylphthalate	40.000	38.747	3.1	94	0.00
81		Benzo(a)anthracene	40.000	38.165	4.6	95	0.00
82		3,3'-Dichlorobenzidine	40.000	42.067	-5.2	104	0.00
83		Chrysene	40.000	37.933	5.2	95	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.008	2.5	96	0.00
85	c	Di-n-octyl phthalate	40.000	38.929	2.7	97	0.00
86	I	Perylene-d12	20.000	20.000	0.0	101	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	38.123	4.7	94	-0.02
88		Benzo(b)fluoranthene	40.000	39.068	2.3	95	0.00
89		Benzo(k)fluoranthene	40.000	38.135	4.7	97	-0.01
90	C	Benzo(a)pyrene	40.000	40.358	-0.9	99	0.00
91		Dibenzo(a,h)anthracene	40.000	38.953	2.6	95	-0.01
92		Benzo(g,h,i)perylene	40.000	39.074	2.3	98	-0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064226.D
Acq On : 28 Aug 2025 18:19
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG082825

Quant Time: Aug 28 19:07:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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: Alliance Contract: ALWA01

Lab Code: ACE SDG No.: Q3157

Instrument ID: BNA_G Calibration Date/Time: 09/22/2025 16:57

Lab File ID: BG064418.D Init. Calib. Date(s): 08/28/2025 08/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:51 16:16

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.368	1.356		-0.9	
2-Fluorophenol	1.115	1.355		21.5	
Phenol-d6	1.532	1.688		10.2	
1,4-Dichlorobenzene	1.463	1.797		22.8	20.0
2-Methylphenol	1.258	1.190		-5.4	
3+4-Methylphenols	1.749	1.562		-10.7	
Nitrobenzene-d5	0.359	0.435		21.2	
Hexachloroethane	0.571	0.629		10.2	
Nitrobenzene	0.375	0.427		13.9	
Hexachlorobutadiene	0.234	0.333		42.3	20.0
2,4,6-Trichlorophenol	0.386	0.474		22.8	20.0
2-Fluorobiphenyl	1.310	1.568		19.7	
2,4,5-Trichlorophenol	0.418	0.527		26.1	
2,4-Dinitrotoluene	0.443	0.582		31.4	
2,4,6-Tribromophenol	0.265	0.393		48.3	
Hexachlorobenzene	0.236	0.298		26.3	
Pentachlorophenol	0.143	0.198		38.5	20.0
Terphenyl-d14	0.959	1.207		25.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064418.D
Acq On : 22 Sep 2025 16:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 22 18:23:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.843	152	18778	20.000	ng		-0.02
21) Naphthalene-d8	10.628	136	74720	20.000	ng		#-0.02
39) Acenaphthene-d10	14.465	164	52447	20.000	ng		-0.02
64) Phenanthrene-d10	17.208	188	127555	20.000	ng		#-0.02
76) Chrysene-d12	21.439	240	142032	20.000	ng		#-0.02
86) Perylene-d12	24.435	264	158235	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	101789	97.252	ng		-0.02
7) Phenol-d6	7.014	99	126769	88.161	ng		-0.02
23) Nitrobenzene-d5	8.994	82	129929	96.978	ng		-0.02
42) 2,4,6-Tribromophenol	15.957	330	82547	118.827	ng		-0.02
45) 2-Fluorobiphenyl	13.090	172	328997	95.747	ng		-0.02
79) Terphenyl-d14	19.829	244	685917	100.756	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	17145	39.300	ng		95
3) Pyridine	3.736	79	50943	39.670	ng	#	60
4) n-Nitrosodimethylamine	3.654	42	41586	48.959	ng	#	93
6) Aniline	7.167	93	84152	42.320	ng		97
8) 2-Chlorophenol	7.408	128	59602	46.601	ng		96
9) Benzaldehyde	6.985	77	42823	36.188	ng		95
10) Phenol	7.044	94	68784	43.388	ng		83
11) bis(2-Chloroethyl)ether	7.267	93	48836	40.994	ng		95
12) 1,3-Dichlorobenzene	7.731	146	65770	48.337	ng		96
13) 1,4-Dichlorobenzene	7.878	146	67493	49.149	ng		97
14) 1,2-Dichlorobenzene	8.190	146	64431	48.615	ng		93
15) Benzyl Alcohol	8.078	79	60378	45.501	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.360	45	75205	27.650	ng		95
17) 2-Methylphenol	8.284	107	44706	37.838	ng		96
18) Hexachloroethane	8.918	117	23632	44.087	ng	#	79
19) n-Nitroso-di-n-propyla...	8.642	70	39295	35.707	ng	#	95
20) 3+4-Methylphenols	8.613	107	58676	35.740	ng		94
22) Acetophenone	8.660	105	84392	44.644	ng	#	96
24) Nitrobenzene	9.036	77	63755	45.545	ng		98
25) Isophorone	9.559	82	115295	41.406	ng		97
26) 2-Nitrophenol	9.747	139	30748	50.835	ng	#	86
27) 2,4-Dimethylphenol	9.811	122	48312	45.494	ng		98
28) bis(2-Chloroethoxy)met...	10.040	93	59129	39.382	ng		98
29) 2,4-Dichlorophenol	10.281	162	54444	48.590	ng		96
30) 1,2,4-Trichlorobenzene	10.493	180	58557	49.565	ng		94
31) Naphthalene	10.675	128	177708	45.864	ng		99
32) Benzoic acid	9.958	122	36981	43.870	ng		97
33) 4-Chloroaniline	10.787	127	66505	44.285	ng		98
34) Hexachlorobutadiene	10.969	225	49830	57.060	ng		88
35) Caprolactam	11.556	113	18666	43.024	ng	#	81
36) 4-Chloro-3-methylphenol	11.915	107	65395	44.983	ng		95
37) 2-Methylnaphthalene	12.285	142	130403	45.278	ng	#	94
38) 1-Methylnaphthalene	12.508	142	130814	45.985	ng		99
40) 1,2,4,5-Tetrachloroben...	12.661	216	79300	52.403	ng		99
41) Hexachlorocyclopentadiene	12.637	237	41748	58.048	ng		94
43) 2,4,6-Trichlorophenol	12.902	196	49701	49.139	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064418.D
Acq On : 22 Sep 2025 16:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 22 18:23:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.972	196	55263	50.368	ng		95
46)	1,1'-Biphenyl	13.301	154	178560	46.744	ng		98
47)	2-Chloronaphthalene	13.342	162	131220	45.692	ng		97
48)	2-Nitroaniline	13.542	65	45996	46.991	ng		97
49)	Acenaphthylene	14.188	152	197566	46.539	ng		98
50)	Dimethylphthalate	13.924	163	185308	46.679	ng		99
51)	2,6-Dinitrotoluene	14.042	165	37372	48.628	ng		97
52)	Acenaphthene	14.535	154	135310	45.165	ng		96
53)	3-Nitroaniline	14.376	138	39246	48.751	ng		85
54)	2,4-Dinitrophenol	14.582	184	25568	52.974	ng	#	80
55)	Dibenzofuran	14.864	168	222603	47.239	ng		99
56)	4-Nitrophenol	14.688	139	32149	48.684	ng	#	85
57)	2,4-Dinitrotoluene	14.829	165	61095	52.576	ng	#	98
58)	Fluorene	15.516	166	186719	48.344	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.093	232	55147	52.258	ng		98
60)	Diethylphthalate	15.293	149	200249	47.134	ng		98
61)	4-Chlorophenyl-phenyle...	15.510	204	96180	49.946	ng		95
62)	4-Nitroaniline	15.534	138	42744	52.034	ng	#	82
63)	Azobenzene	15.804	77	163934	43.292	ng		94
65)	4,6-Dinitro-2-methylph...	15.599	198	40022	54.650	ng		90
66)	n-Nitrosodiphenylamine	15.722	169	157936	45.010	ng		96
67)	4-Bromophenyl-phenylether	16.403	248	67626	49.916	ng		94
68)	Hexachlorobenzene	16.521	284	75929	50.469	ng		93
69)	Atrazine	16.674	200	74860	51.094	ng		99
70)	Pentachlorophenol	16.862	266	50631	55.503	ng		93
71)	Phenanthrene	17.250	178	310806	46.198	ng		98
72)	Anthracene	17.344	178	316531	46.253	ng		98
73)	Carbazole	17.608	167	286670	47.551	ng		99
74)	Di-n-butylphthalate	18.172	149	357384	49.342	ng	#	98
75)	Fluoranthene	19.259	202	396160	50.080	ng		96
77)	Benzidine	19.441	184	132713	44.417	ng		99
78)	Pyrene	19.623	202	413786	46.242	ng		99
80)	Butylbenzylphthalate	20.516	149	163862	48.551	ng		95
81)	Benzo(a)anthracene	21.421	228	430754	47.405	ng		99
82)	3,3'-Dichlorobenzidine	21.339	252	150350	50.806	ng		97
83)	Chrysene	21.480	228	409261	46.915	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.345	149	233804	46.142	ng		98
85)	Di-n-octyl phthalate	22.473	149	396402	44.898	ng		97
87)	Indeno(1,2,3-cd)pyrene	27.825	276	515162	47.673	ng	#	97
88)	Benzo(b)fluoranthene	23.495	252	430792m	48.238	ng		
89)	Benzo(k)fluoranthene	23.554	252	416723	45.803	ng	#	98
90)	Benzo(a)pyrene	24.300	252	394176	47.449	ng		98
91)	Dibenzo(a,h)anthracene	27.884	278	417185	48.083	ng	#	96
92)	Benzo(g,h,i)perylene	28.877	276	400824	47.477	ng	#	91

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

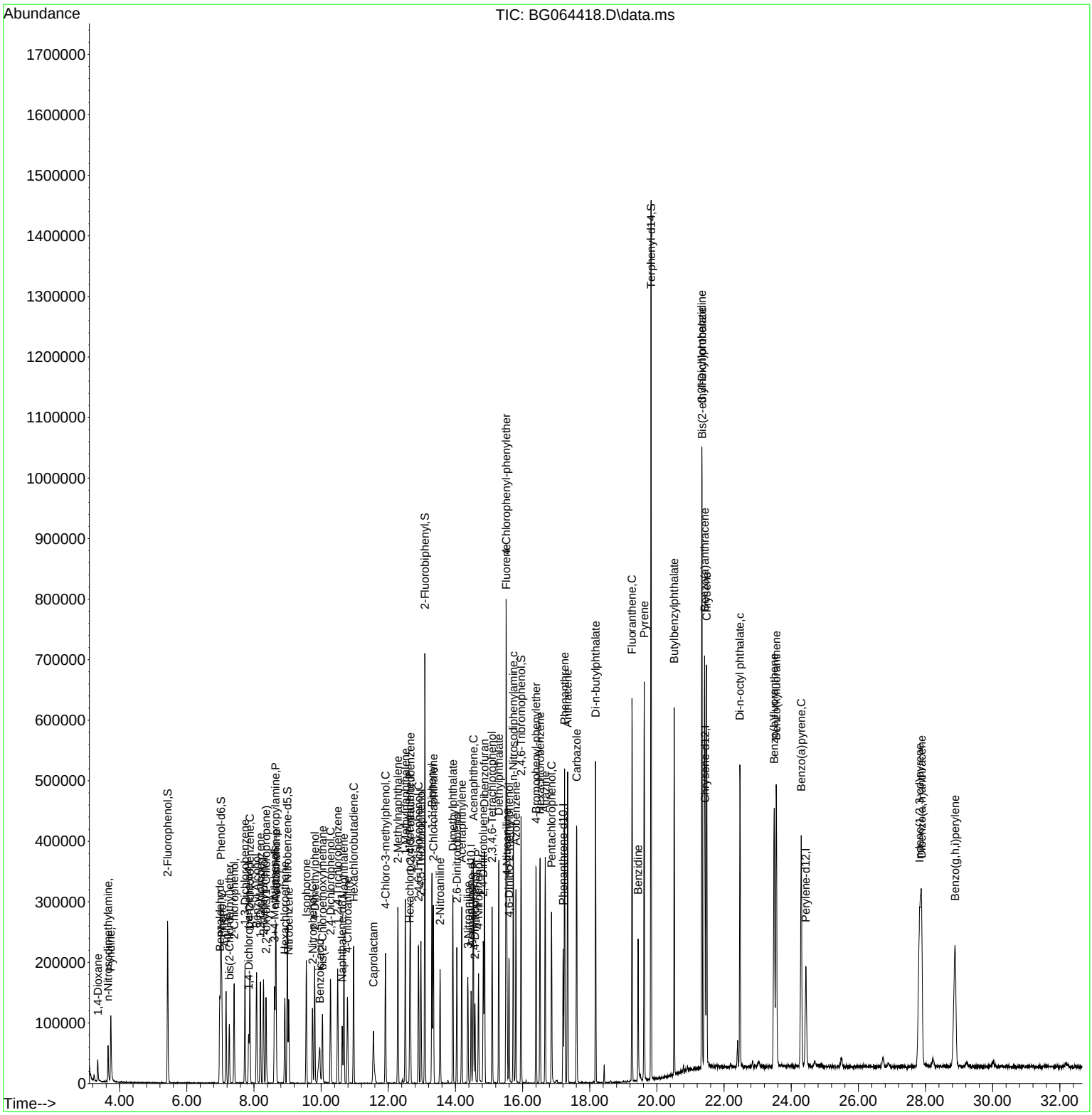
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064418.D
Acq On : 22 Sep 2025 16:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 22 18:23:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



Sample Results: **BG064418.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064418.D
Acq On : 22 Sep 2025 16:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 22 18:23:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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	70	-0.02
2		1,4-Dioxane	0.465	0.457	1.7	83	-0.01
3		Pyridine	1.368	1.356	0.9	71	-0.02
4		n-Nitrosodimethylamine	0.905	1.107	-22.3	85	-0.01
5	S	2-Fluorophenol	1.115	1.355	-21.5	86	-0.02
6		Aniline	2.118	2.241	-5.8	74	-0.02
7	S	Phenol-d6	1.532	1.688	-10.2	78	-0.02
8		2-Chlorophenol	1.362	1.587	-16.5	79	-0.02
9		Benzaldehyde	1.260	1.140	9.5	58	0.00
10	C	Phenol	1.688	1.832	-8.5	77	-0.01
11		bis(2-Chloroethyl)ether	1.269	1.300	-2.4	71	-0.02
12		1,3-Dichlorobenzene	1.449	1.751	-20.8	84	-0.02
13	C	1,4-Dichlorobenzene	1.463	1.797	-22.8#	86	-0.02
14		1,2-Dichlorobenzene	1.412	1.716	-21.5	86	-0.02
15		Benzyl Alcohol	1.413	1.608	-13.8	79	-0.02
16		2,2'-oxybis(1-Chloropropane	2.897	2.002	30.9#	49#	-0.02
17		2-Methylphenol	1.258	1.190	5.4	66	-0.02
18		Hexachloroethane	0.571	0.629	-10.2	76	-0.02
19	P	n-Nitroso-di-n-propylamine	1.172	1.046	10.8	61	-0.02
20		3+4-Methylphenols	1.749	1.562	10.7	65	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	59	-0.02
22		Acetophenone	0.506	0.565	-11.7	67	-0.02
23	S	Nitrobenzene-d5	0.359	0.435	-21.2	70	-0.02
24		Nitrobenzene	0.375	0.427	-13.9	65	-0.02
25		Isophorone	0.745	0.772	-3.6	61	-0.03
26	C	2-Nitrophenol	0.162	0.206	-27.2#	71	-0.02
27		2,4-Dimethylphenol	0.284	0.323	-13.7	65	-0.02
28		bis(2-Chloroethoxy)methane	0.402	0.396	1.5	57	-0.02
29	C	2,4-Dichlorophenol	0.300	0.364	-21.3#	70	-0.02
30		1,2,4-Trichlorobenzene	0.316	0.392	-24.1	73	-0.02
31		Naphthalene	1.037	1.189	-14.7	68	-0.02
32		Benzoic acid	0.226	0.247	-9.3	61	-0.06
33		4-Chloroaniline	0.402	0.445	-10.7	63	-0.02
34	C	Hexachlorobutadiene	0.234	0.333	-42.3#	83	-0.02
35		Caprolactam	0.116	0.125	-7.8	60	-0.05
36	C	4-Chloro-3-methylphenol	0.389	0.438	-12.6	66	-0.02
37		2-Methylnaphthalene	0.771	0.873	-13.2	66	-0.02
38		1-Methylnaphthalene	0.761	0.875	-15.0	67	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	58	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.577	0.756	-31.0#	76	-0.02
41	P	Hexachlorocyclopentadiene	0.274	0.398	-45.3#	84	-0.02
42	S	2,4,6-Tribromophenol	0.265	0.393	-48.3#	83	-0.02
43	C	2,4,6-Trichlorophenol	0.386	0.474	-22.8#	70	-0.01
44		2,4,5-Trichlorophenol	0.418	0.527	-26.1#	71	-0.02
45	S	2-Fluorobiphenyl	1.310	1.568	-19.7	69	-0.02
46		1,1'-Biphenyl	1.457	1.702	-16.8	66	-0.02
47		2-Chloronaphthalene	1.095	1.251	-14.2	65	-0.02

Sample Results: **BG064418.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064418.D
Acq On : 22 Sep 2025 16:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 22 18:23:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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	0.373	0.438	-17.4	62	-0.02
49		Acenaphthylene	1.619	1.883	-16.3	65	-0.02
50		Dimethylphthalate	1.514	1.767	-16.7	66	-0.02
51		2,6-Dinitrotoluene	0.293	0.356	-21.5	64	-0.02
52	C	Acenaphthene	1.142	1.290	-13.0	64	-0.02
53		3-Nitroaniline	0.307	0.374	-21.8	66	-0.01
54	P	2,4-Dinitrophenol	0.163	0.244	-49.7#	80	0.00
55		Dibenzofuran	1.797	2.122	-18.1	67	-0.02
56	P	4-Nitrophenol	0.252	0.306	-21.4	62	-0.01
57		2,4-Dinitrotoluene	0.443	0.582	-31.4#	70	-0.02
58		Fluorene	1.473	1.780	-20.8	68	-0.02
59		2,3,4,6-Tetrachlorophenol	0.402	0.526	-30.8#	73	-0.02
60		Diethylphthalate	1.620	1.909	-17.8	66	-0.02
61		4-Chlorophenyl-phenylether	0.734	0.917	-24.9	71	-0.02
62		4-Nitroaniline	0.313	0.407	-30.0#	68	-0.02
63		Azobenzene	1.444	1.563	-8.2	61	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	59	-0.02
65		4,6-Dinitro-2-methylphenol	0.115	0.157	-36.5#	78	-0.01
66	c	n-Nitrosodiphenylamine	0.550	0.619	-12.5	65	-0.02
67		4-Bromophenyl-phenylether	0.212	0.265	-25.0#	72	-0.02
68		Hexachlorobenzene	0.236	0.298	-26.3#	77	-0.02
69		Atrazine	0.230	0.293	-27.4#	72	-0.02
70	C	Pentachlorophenol	0.143	0.198	-38.5#	77	-0.02
71		Phenanthrene	1.055	1.218	-15.5	66	-0.02
72		Anthracene	1.073	1.241	-15.7	66	-0.02
73		Carbazole	0.945	1.124	-18.9	66	-0.02
74		Di-n-butylphthalate	1.136	1.401	-23.3	68	-0.02
75	C	Fluoranthene	1.240	1.553	-25.2#	70	-0.02
76	I	Chrysene-d12	1.000	1.000	0.0	62	-0.02
77		Benzidine	0.421	0.467	-10.9	65	-0.02
78		Pyrene	1.260	1.457	-15.6	69	-0.02
79	S	Terphenyl-d14	0.959	1.207	-25.9#	76	-0.02
80		Butylbenzylphthalate	0.475	0.577	-21.5	72	-0.02
81		Benzo(a)anthracene	1.280	1.516	-18.4	72	-0.02
82		3,3'-Dichlorobenzidine	0.417	0.529	-26.9#	76	-0.02
83		Chrysene	1.228	1.441	-17.3	71	-0.02
84		Bis(2-ethylhexyl)phthalate	0.714	0.823	-15.3	69	-0.02
85	c	Di-n-octyl phthalate	1.243	1.395	-12.2	68	-0.03
86	I	Perylene-d12	1.000	1.000	0.0	63	-0.03
87		Indeno(1,2,3-cd)pyrene	1.366	1.628	-19.2	74	-0.05
88		Benzo(b)fluoranthene	1.129	1.361	-20.5	73	-0.02
89		Benzo(k)fluoranthene	1.150	1.317	-14.5	73	-0.03
90	C	Benzo(a)pyrene	1.050	1.246	-18.7	73	-0.03
91		Dibenzo(a,h)anthracene	1.097	1.318	-20.1	74	-0.04
92		Benzo(g,h,i)perylene	1.067	1.267	-18.7	74	-0.06

Sample Results: **BG064418.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064418.D
Acq On : 22 Sep 2025 16:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 22 18:23:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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 = 7

Sample Results: **BG064418.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064418.D
Acq On : 22 Sep 2025 16:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 22 18:23:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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	70	-0.02
2		1,4-Dioxane	40.000	39.300	1.8	83	-0.01
3		Pyridine	40.000	39.670	0.8	71	-0.02
4		n-Nitrosodimethylamine	40.000	48.959	-22.4	85	-0.01
5	S	2-Fluorophenol	80.000	97.252	-21.6	86	-0.02
6		Aniline	40.000	42.320	-5.8	74	-0.02
7	S	Phenol-d6	80.000	88.161	-10.2	78	-0.02
8		2-Chlorophenol	40.000	46.601	-16.5	79	-0.02
9		Benzaldehyde	40.000	36.188	9.5	58	0.00
10	C	Phenol	40.000	43.388	-8.5	77	-0.01
11		bis(2-Chloroethyl)ether	40.000	40.994	-2.5	71	-0.02
12		1,3-Dichlorobenzene	40.000	48.337	-20.8	84	-0.02
13	C	1,4-Dichlorobenzene	40.000	49.149	-22.9#	86	-0.02
14		1,2-Dichlorobenzene	40.000	48.615	-21.5	86	-0.02
15		Benzyl Alcohol	40.000	45.501	-13.8	79	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	27.650	30.9#	49	-0.02
17		2-Methylphenol	40.000	37.838	5.4	66	-0.02
18		Hexachloroethane	40.000	44.087	-10.2	76	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	35.707	10.7	61	-0.02
20		3+4-Methylphenols	40.000	35.740	10.6	65	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	59	-0.02
22		Acetophenone	40.000	44.644	-11.6	67	-0.02
23	S	Nitrobenzene-d5	80.000	96.978	-21.2	70	-0.02
24		Nitrobenzene	40.000	45.545	-13.9	65	-0.02
25		Isophorone	40.000	41.406	-3.5	61	-0.03
26	C	2-Nitrophenol	40.000	50.835	-27.1#	71	-0.02
27		2,4-Dimethylphenol	40.000	45.494	-13.7	65	-0.02
28		bis(2-Chloroethoxy)methane	40.000	39.382	1.5	57	-0.02
29	C	2,4-Dichlorophenol	40.000	48.590	-21.5#	70	-0.02
30		1,2,4-Trichlorobenzene	40.000	49.565	-23.9	73	-0.02
31		Naphthalene	40.000	45.864	-14.7	68	-0.02
32		Benzoic acid	40.000	43.870	-9.7	61	-0.06
33		4-Chloroaniline	40.000	44.285	-10.7	63	-0.02
34	C	Hexachlorobutadiene	40.000	57.060	-42.7#	83	-0.02
35		Caprolactam	40.000	43.024	-7.6	60	-0.05
36	C	4-Chloro-3-methylphenol	40.000	44.983	-12.5	66	-0.02
37		2-Methylnaphthalene	40.000	45.278	-13.2	66	-0.02
38		1-Methylnaphthalene	40.000	45.985	-15.0	67	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	58	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	52.403	-31.0#	76	-0.02
41	P	Hexachlorocyclopentadiene	40.000	58.048	-45.1#	84	-0.02
42	S	2,4,6-Tribromophenol	80.000	118.827	-48.5#	83	-0.02
43	C	2,4,6-Trichlorophenol	40.000	49.139	-22.8#	70	-0.01
44		2,4,5-Trichlorophenol	40.000	50.368	-25.9#	71	-0.02
45	S	2-Fluorobiphenyl	80.000	95.747	-19.7	69	-0.02
46		1,1'-Biphenyl	40.000	46.744	-16.9	66	-0.02
47		2-Chloronaphthalene	40.000	45.692	-14.2	65	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064418.D
Acq On : 22 Sep 2025 16:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 22 18:23:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	46.991	-17.5	62	-0.02
49		Acenaphthylene	40.000	46.539	-16.3	65	-0.02
50		Dimethylphthalate	40.000	46.679	-16.7	66	-0.02
51		2,6-Dinitrotoluene	40.000	48.628	-21.6	64	-0.02
52	C	Acenaphthene	40.000	45.165	-12.9	64	-0.02
53		3-Nitroaniline	40.000	48.751	-21.9	66	-0.01
54	P	2,4-Dinitrophenol	40.000	52.974	-32.4#	80	0.00
55		Dibenzofuran	40.000	47.239	-18.1	67	-0.02
56	P	4-Nitrophenol	40.000	48.684	-21.7	62	-0.01
57		2,4-Dinitrotoluene	40.000	52.576	-31.4#	70	-0.02
58		Fluorene	40.000	48.344	-20.9	68	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	52.258	-30.6#	73	-0.02
60		Diethylphthalate	40.000	47.134	-17.8	66	-0.02
61		4-Chlorophenyl-phenylether	40.000	49.946	-24.9	71	-0.02
62		4-Nitroaniline	40.000	52.034	-30.1#	68	-0.02
63		Azobenzene	40.000	43.292	-8.2	61	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	59	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	54.650	-36.6#	78	-0.01
66	c	n-Nitrosodiphenylamine	40.000	45.010	-12.5	65	-0.02
67		4-Bromophenyl-phenylether	40.000	49.916	-24.8	72	-0.02
68		Hexachlorobenzene	40.000	50.469	-26.2#	77	-0.02
69		Atrazine	40.000	51.094	-27.7#	72	-0.02
70	C	Pentachlorophenol	40.000	55.503	-38.8#	77	-0.02
71		Phenanthrene	40.000	46.198	-15.5	66	-0.02
72		Anthracene	40.000	46.253	-15.6	66	-0.02
73		Carbazole	40.000	47.551	-18.9	66	-0.02
74		Di-n-butylphthalate	40.000	49.342	-23.4	68	-0.02
75	C	Fluoranthene	40.000	50.080	-25.2#	70	-0.02
76	I	Chrysene-d12	20.000	20.000	0.0	62	-0.02
77		Benzidine	40.000	44.417	-11.0	65	-0.02
78		Pyrene	40.000	46.242	-15.6	69	-0.02
79	S	Terphenyl-d14	80.000	100.756	-25.9#	76	-0.02
80		Butylbenzylphthalate	40.000	48.551	-21.4	72	-0.02
81		Benzo(a)anthracene	40.000	47.405	-18.5	72	-0.02
82		3,3'-Dichlorobenzidine	40.000	50.806	-27.0#	76	-0.02
83		Chrysene	40.000	46.915	-17.3	71	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	46.142	-15.4	69	-0.02
85	c	Di-n-octyl phthalate	40.000	44.898	-12.2	68	-0.03
86	I	Perylene-d12	20.000	20.000	0.0	63	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	47.673	-19.2	74	-0.05
88		Benzo(b)fluoranthene	40.000	48.238	-20.6	73	-0.02
89		Benzo(k)fluoranthene	40.000	45.803	-14.5	73	-0.03
90	C	Benzo(a)pyrene	40.000	47.449	-18.6	73	-0.03
91		Dibenzo(a,h)anthracene	40.000	48.083	-20.2	74	-0.04
92		Benzo(g,h,i)perylene	40.000	47.477	-18.7	74	-0.06

Sample Results: **BG064418.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064418.D
Acq On : 22 Sep 2025 16:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 22 18:23:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 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 = 7

QC SAMPLE DATA

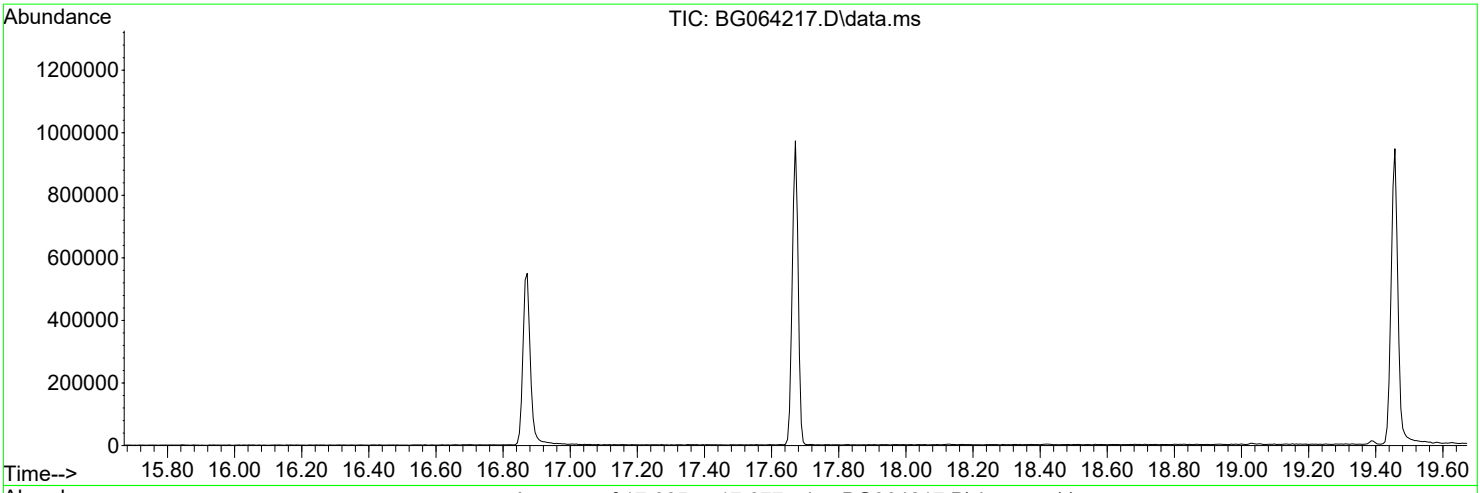
Sample Results: **BG064217.D**

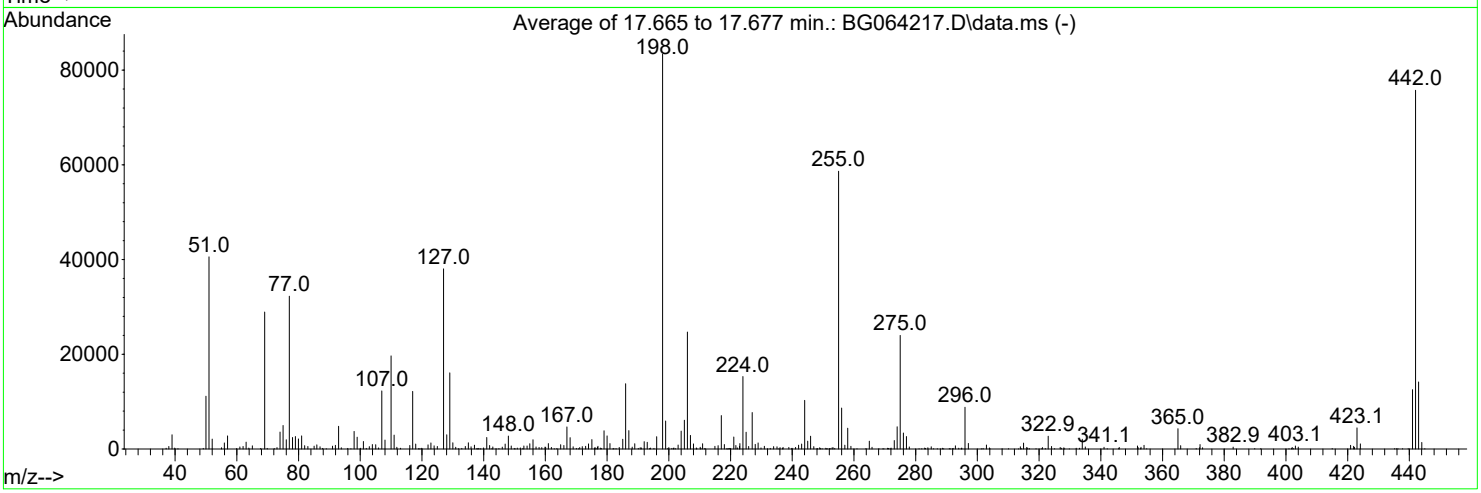
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025





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

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.4	117	PASS
69	69	100	100	100.0	28923	PASS
70	69	0.00	2	0.4	125	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	83360	PASS
199	198	5	9	7.1	5910	PASS
365	198	1	100	5.2	4294	PASS
441	443	0.01	150	88.5	12527	PASS
442	442	100	100	100.0	75725	PASS
443	442	15	24	18.7	14159	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/28/2025	BNA_G	BG064217.D
Compound Name	**Response**	**Retention Time**
DDT	277057	20.691
DDD	7102	20.25
DDE	200	19.751
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
7302	284359	2.57

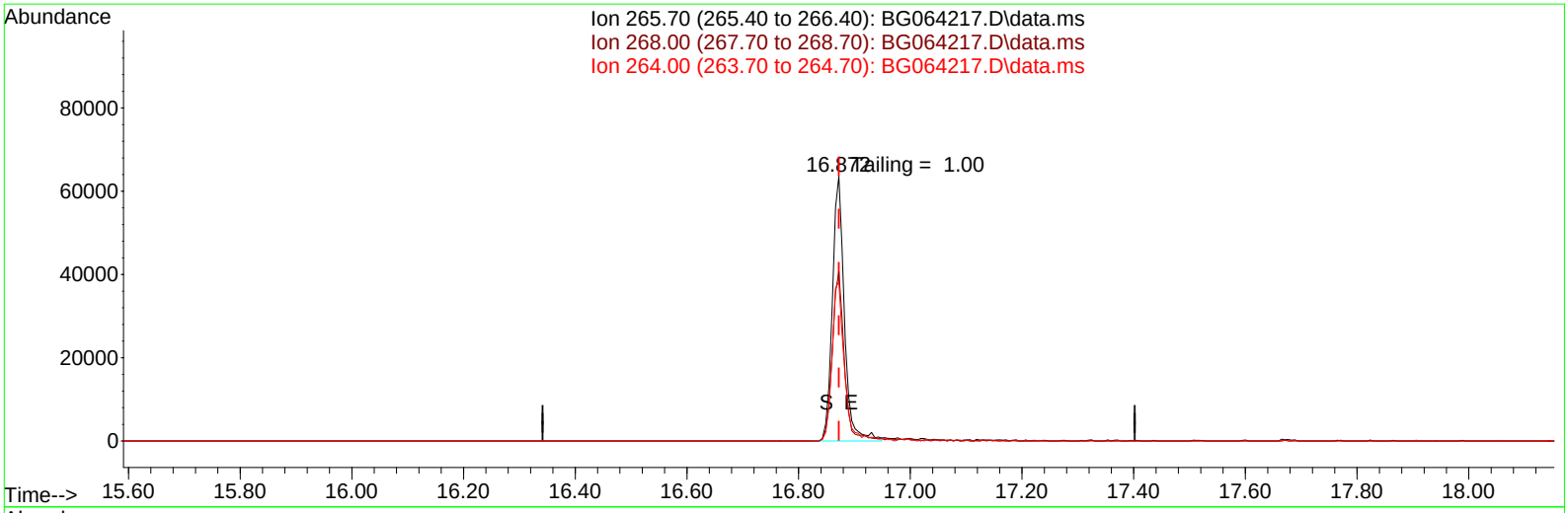
Instrument :
BNA_G
ClientSampleId :
DFTPP

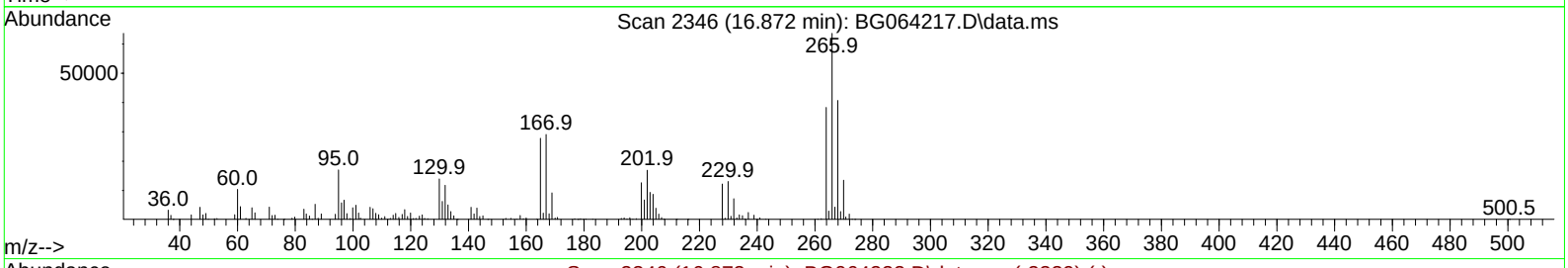
Sample Results: **BG064217.D**

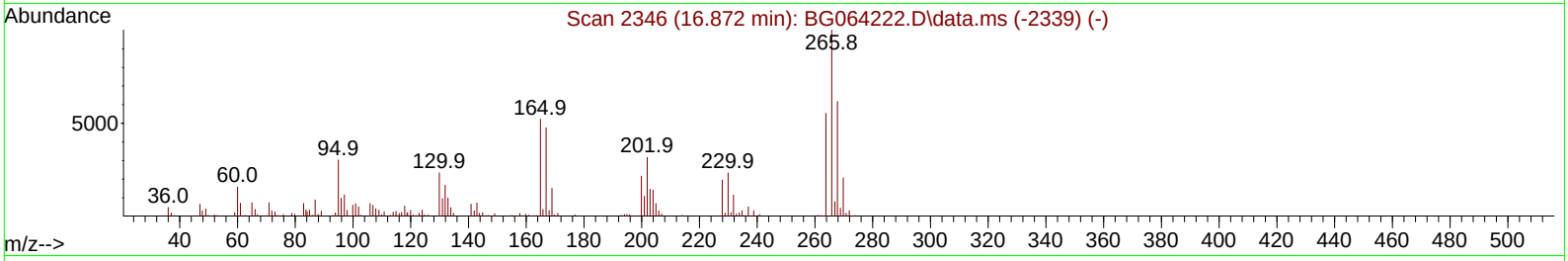
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Aug 28 14:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 14:36:10 2025
Response via : Initial Calibration







TIC: BG064217.D\data.ms

(70) Pentachlorophenol (C)

16.872min (-0.000) 25238.02 ng

response 93526

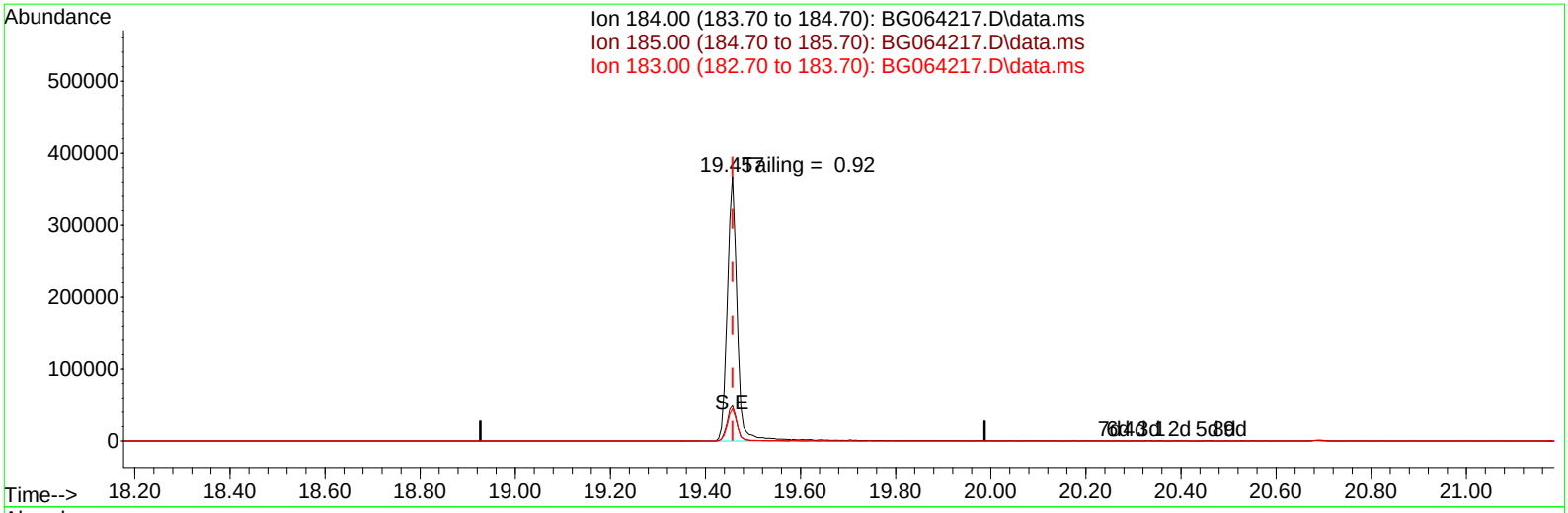
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	64.00
264.00	55.40	60.23
0.00	0.00	0.00

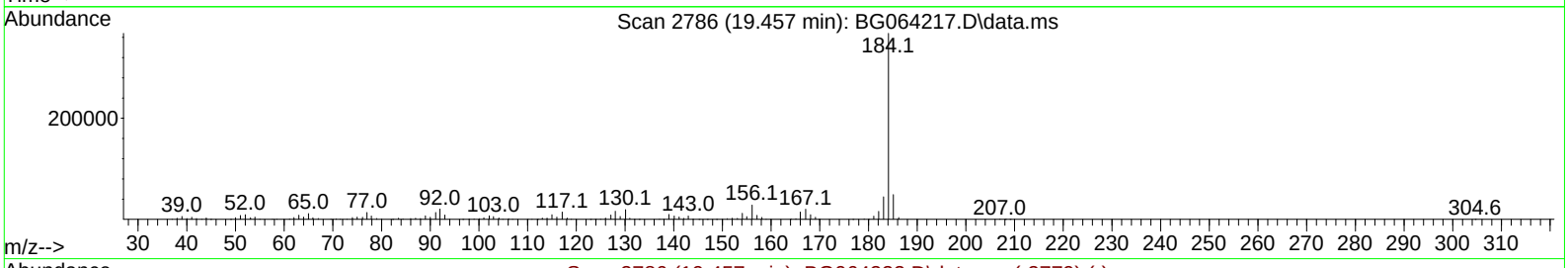
Sample Results: **BG064217.D**

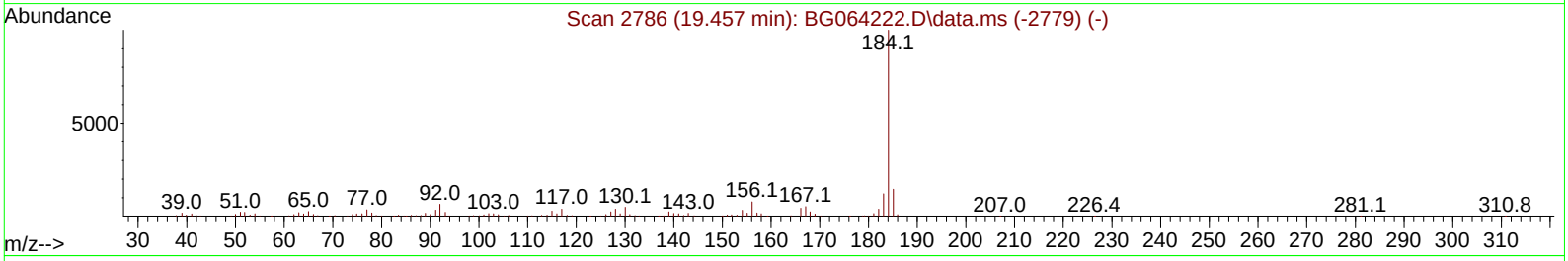
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064217.D
Acq On : 28 Aug 2025 10:11
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Aug 28 14:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 14:36:10 2025
Response via : Initial Calibration







TIC: BG064217.D\data.ms

(77) Benzidine

19.457min (-0.000) 328145.89 ng m

response 550762

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.29
183.00	12.10	12.10
0.00	0.00	0.00

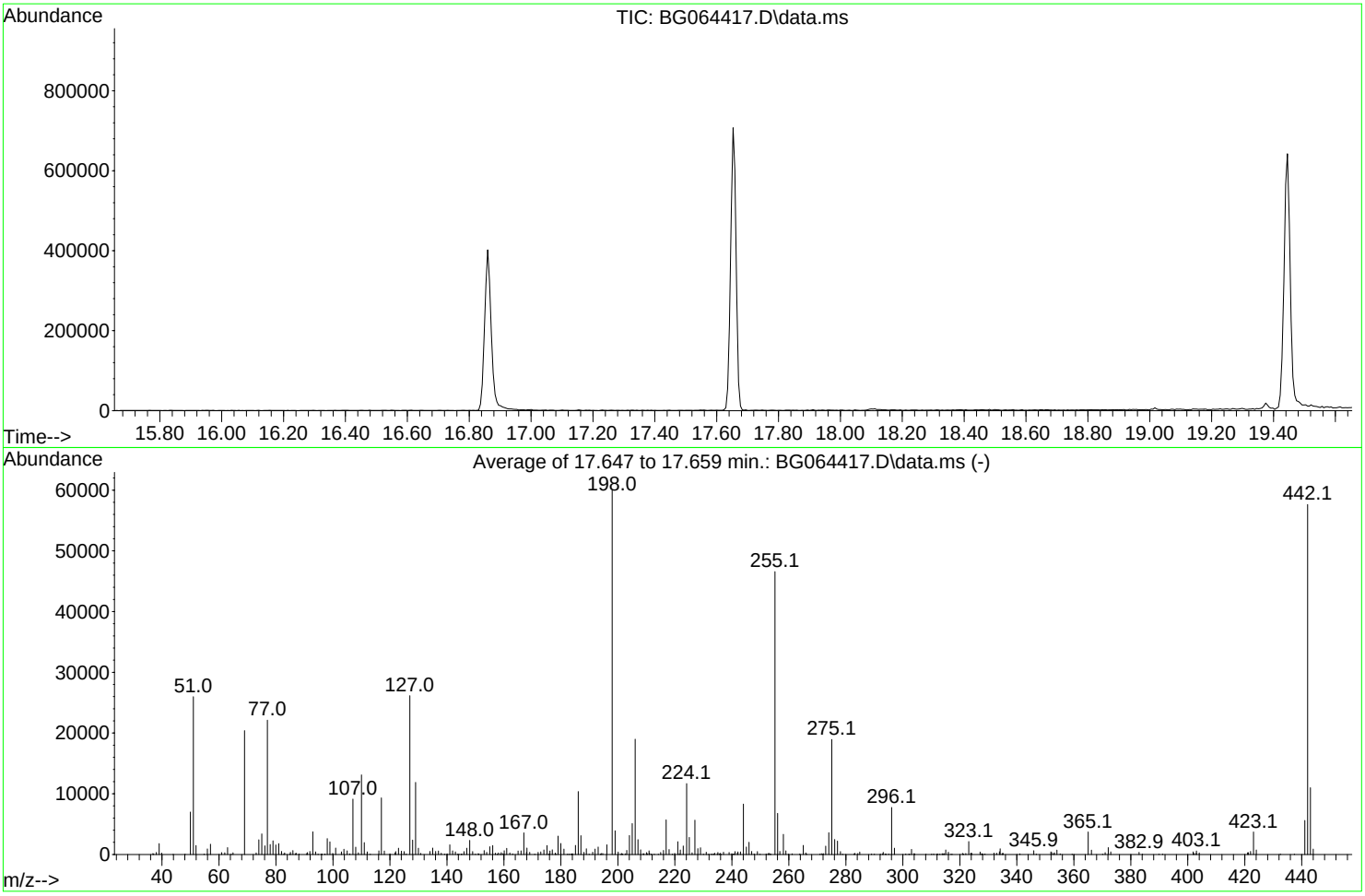
Sample Results: **BG064417.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064417.D
Acq On : 22 Sep 2025 16:16
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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 28 17:41:58 2025



AutoFind: Scans 2478, 2479, 2480; Background Corrected with Scan 2472

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	20392	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	59949	PASS
199	198	5	9	6.5	3908	PASS
365	198	1	100	6.2	3694	PASS
441	443	0.01	150	51.0	5607	PASS
442	442	100	100	100.0	57651	PASS
443	442	15	24	19.1	10987	PASS

Raw Data: **BG064419.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	PB169783BL	SDG No.:	Q3157
Lab Sample ID:	PB169783BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064419.D	1	09/22/25 10:30	09/22/25 17:38	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.30	U	1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.53	U	0.53	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	145		23 - 138	96%	SPK: 150
13127-88-3	Phenol-d6	134		10 - 134	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.0		67 - 132	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.0		52 - 132	89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	169		44 - 137	113%	SPK: 150
1718-51-0	Terphenyl-d14	96.0		42 - 152	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	19000	7.842			
1146-65-2	Naphthalene-d8	76200	10.627			
15067-26-2	Acenaphthene-d10	56500	14.463			
1517-22-2	Phenanthrene-d10	148000	17.207			
1719-03-5	Chrysene-d12	170000	21.437			
1520-96-3	Perylene-d12	187000	24.434			

Raw Data: **BG064419.D**

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

Report of Analysis

Client:	Always Available Construction LLC.			Date Collected:			
Project:	Yard Soil Cleanup			Date Received:			
Client Sample ID:	PB169783BL			SDG No.:	Q3157		
Lab Sample ID:	PB169783BL			Matrix:	TCLP		
Analytical Method:	8270E			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA		
Extraction Type :			Decanted : N	Level :	LOW		
Injection Volume :			GPC Factor : 1.0	GPC Cleanup :	N	PH :	
Prep Method :							

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064419.D	1	09/22/25 10:30	09/22/25 17:38	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064419.D
Acq On : 22 Sep 2025 17:38
Operator : RC/JU
Sample : PB169783BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169783BL

Quant Time: Sep 22 18:22:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	19046	20.000	ng	-0.02
21) Naphthalene-d8	10.627	136	76167	20.000	ng	#-0.02
39) Acenaphthene-d10	14.463	164	56503	20.000	ng	-0.02
64) Phenanthrene-d10	17.207	188	147930	20.000	ng	#-0.02
76) Chrysene-d12	21.437	240	169803	20.000	ng	#-0.02
86) Perylene-d12	24.434	264	186504	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.433	112	153456	144.552	ng	-0.01
7) Phenol-d6	7.013	99	195036	133.728	ng	-0.02
23) Nitrobenzene-d5	8.993	82	122948	90.024	ng	-0.02
42) 2,4,6-Tribromophenol	15.956	330	126556	169.100	ng	-0.02
45) 2-Fluorobiphenyl	13.088	172	329310	88.959	ng	-0.02
79) Terphenyl-d14	19.828	244	781675	96.043	ng	-0.02
Target Compounds						Qvalue

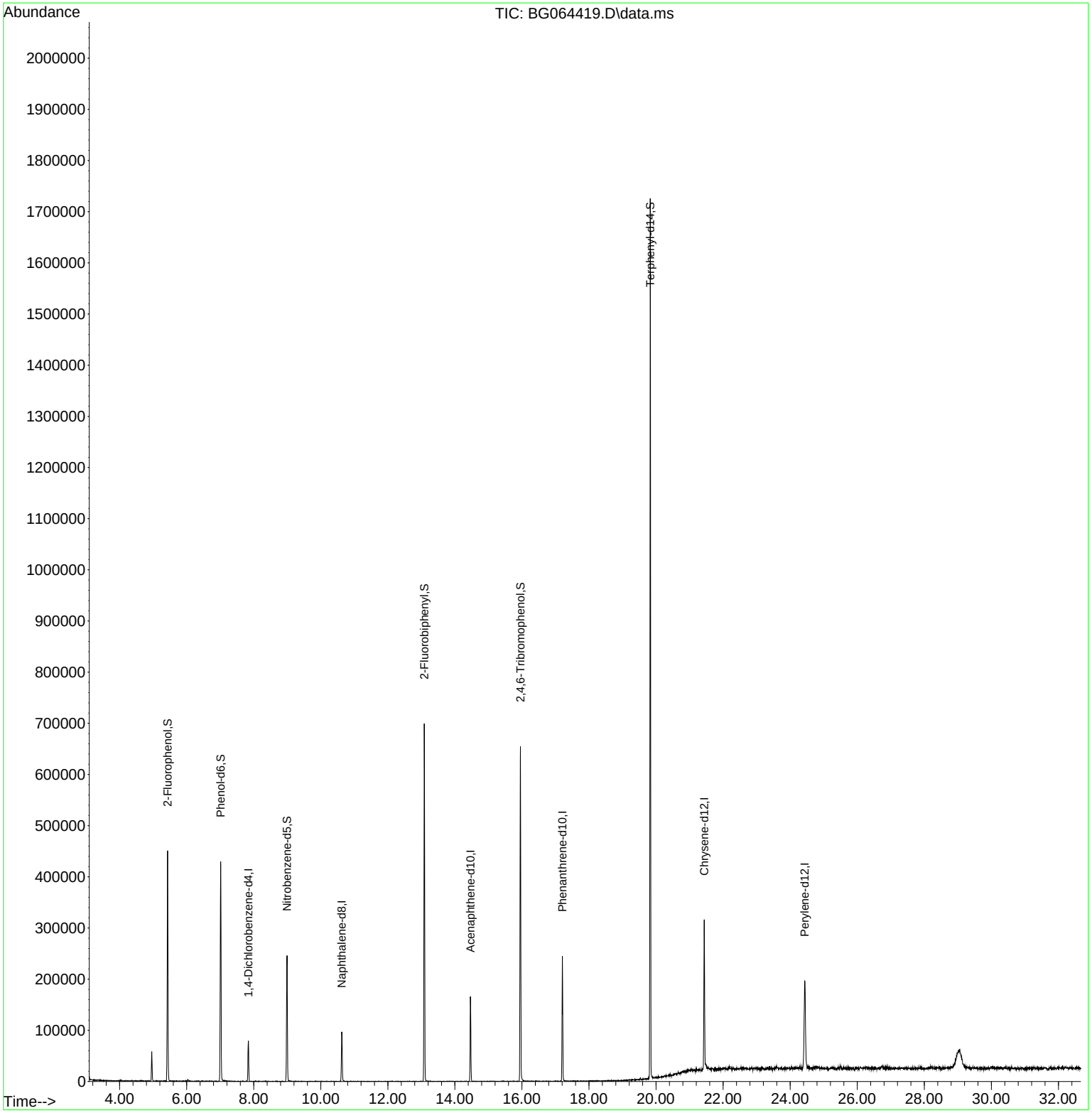
(#) = qualifier out of range (m) = manual integration (+) = signals summed

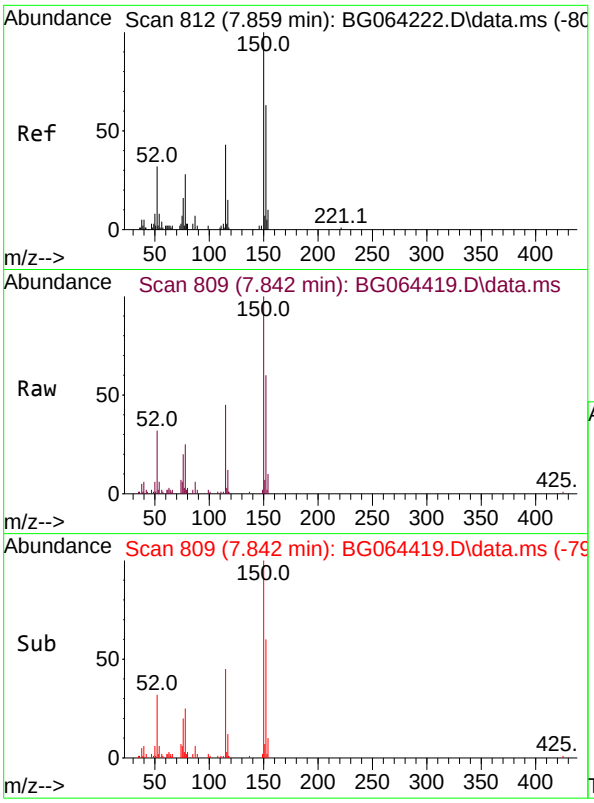
Sample Results: **BG064419.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064419.D
Acq On : 22 Sep 2025 17:38
Operator : RC/JU
Sample : PB169783BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169783BL

Quant Time: Sep 22 18:22:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



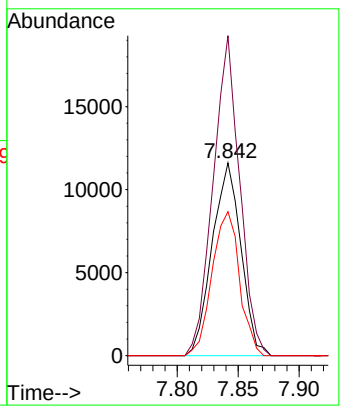


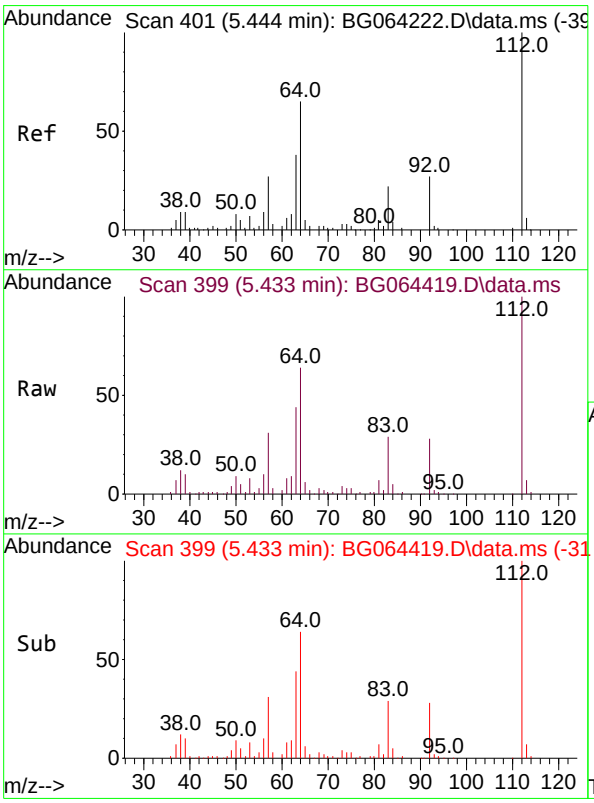
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.842 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Instrument :
BNA_G
ClientSampleId :
PB169783BL

Tgt Ion:152 Resp: 19046

Ion	Ratio	Lower	Upper
152	100		
150	166.0	128.0	192.0
115	74.7	55.7	83.5

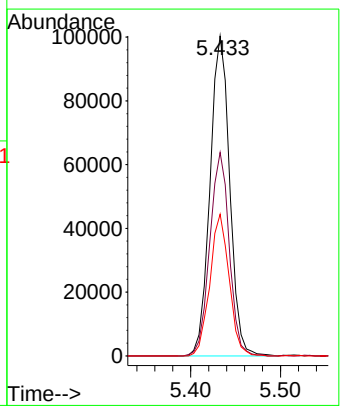


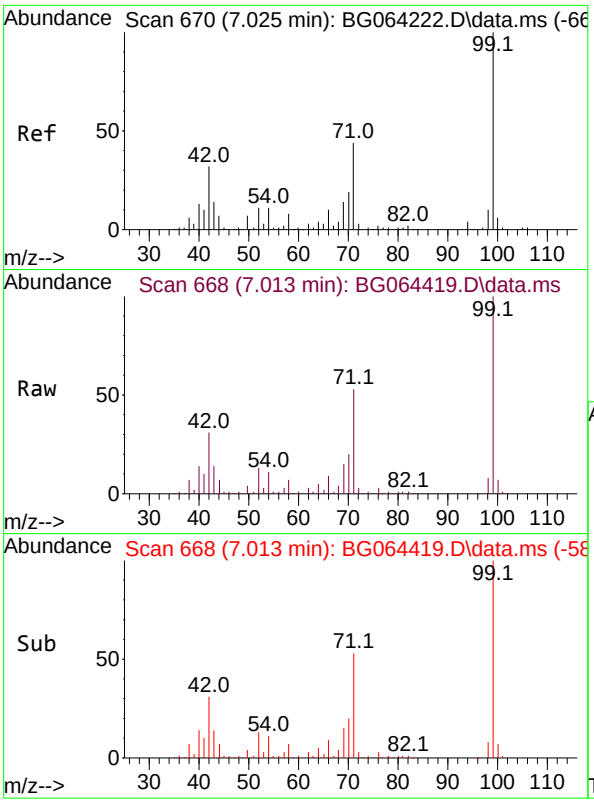


#5
2-Fluorophenol
Concen: 144.552 ng
RT: 5.433 min Scan# 399
Delta R.T. -0.012 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:112 Resp: 153456

Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.8	77.6
63	44.3	30.6	45.8



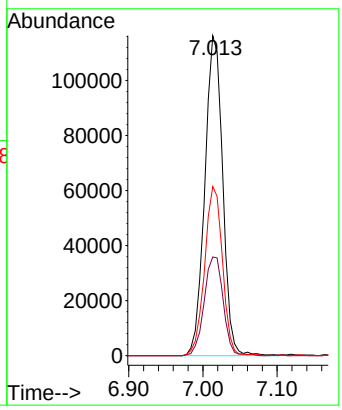


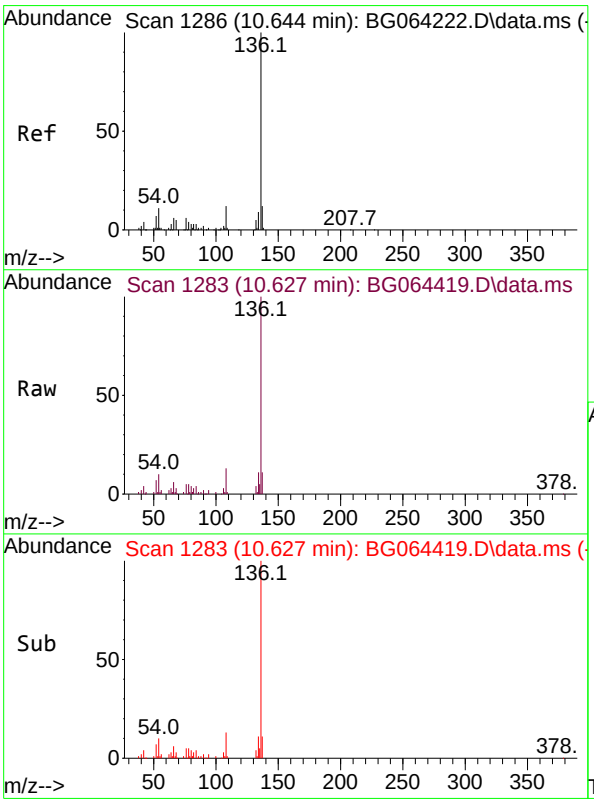
#7
Phenol-d6
Concen: 133.728 ng
RT: 7.013 min Scan# 6
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Instrument :
BNA_G
ClientSampleId :
PB169783BL

Tgt Ion: 99 Resp: 195036

Ion	Ratio	Lower	Upper
99	100		
42	30.8	25.8	38.8
71	52.8	35.2	52.8#

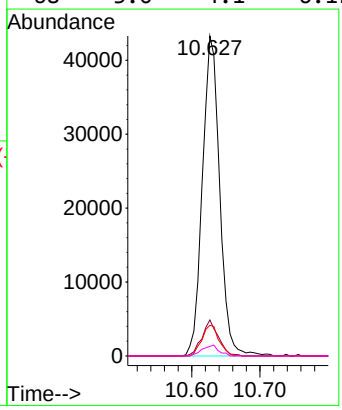


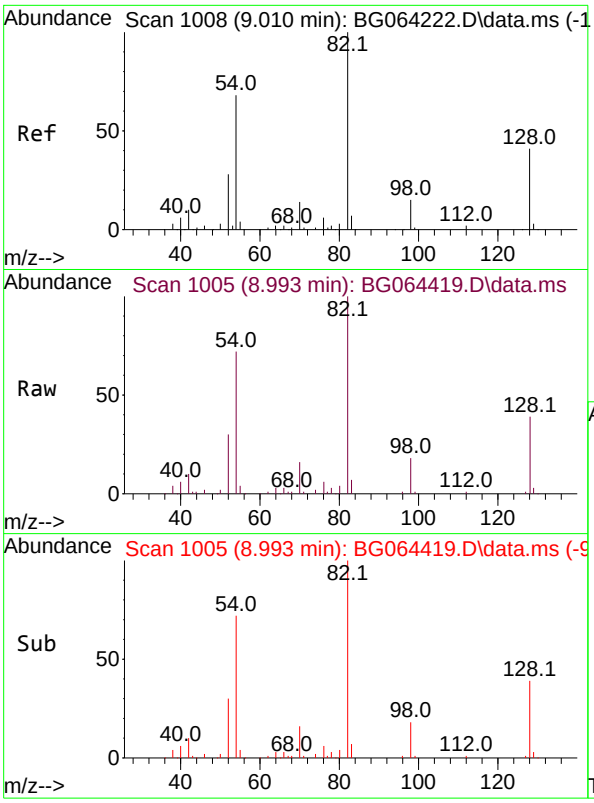


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.627 min Scan# 1283
Delta R.T. -0.023 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:136 Resp: 76167

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.6	8.8	13.2
68	3.0	4.1	6.1#



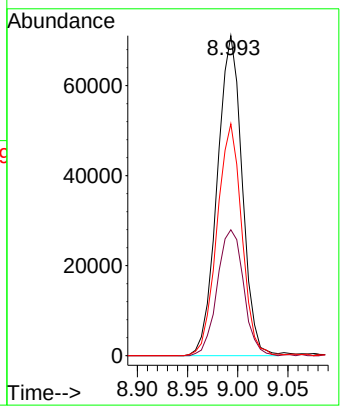


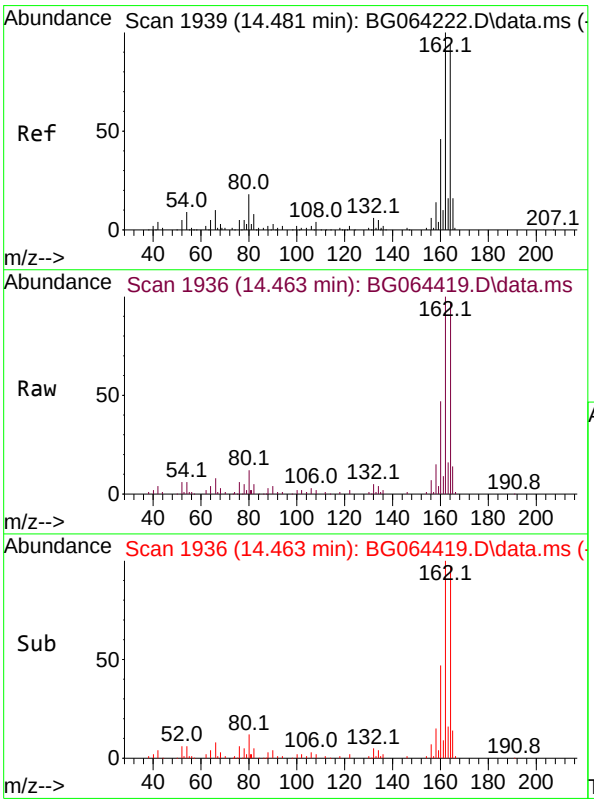
#23
Nitrobenzene-d5
Concen: 90.024 ng
RT: 8.993 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Instrument :
BNA_G
ClientSampleId :
PB169783BL

Tgt Ion: 82 Resp: 122948

Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.6	48.8
54	72.4	54.7	82.1

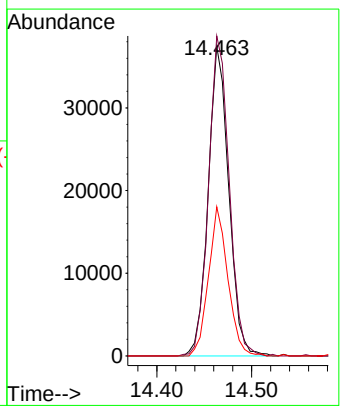


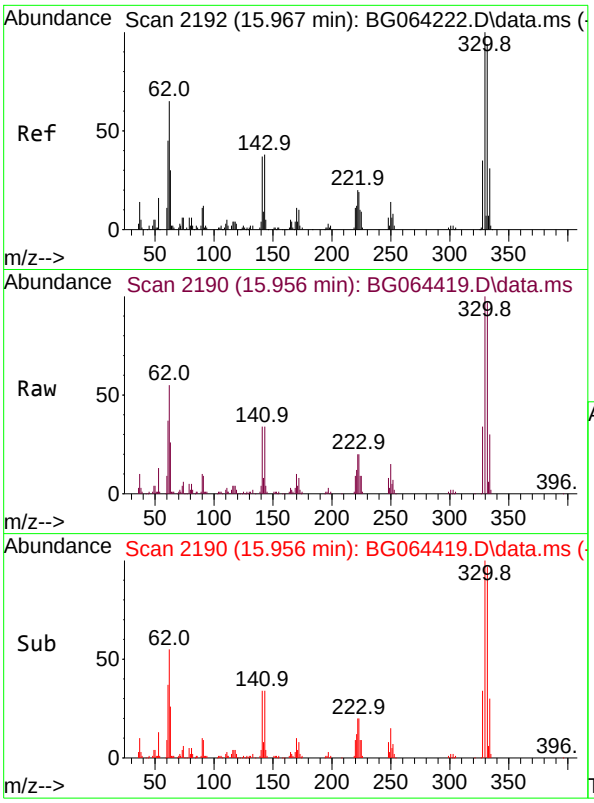


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:164 Resp: 56503

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.4	128.0
160	48.2	39.2	58.8



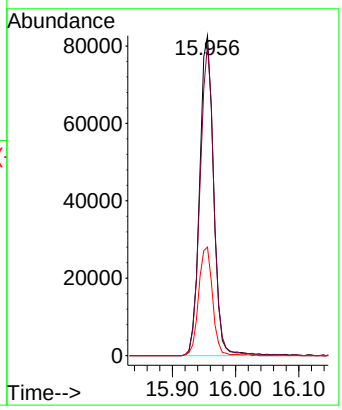


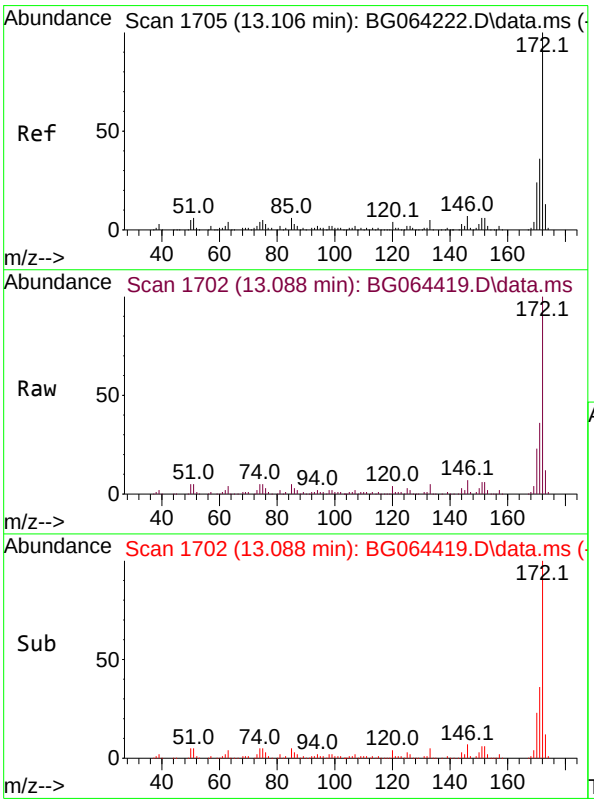
#42
2,4,6-Tribromophenol
Concen: 169.100 ng
RT: 15.956 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Instrument :
BNA_G
ClientSampleId :
PB169783BL

Tgt Ion:330 Resp: 126556

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	33.9	29.8	44.6

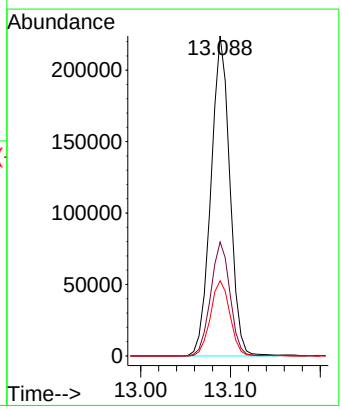


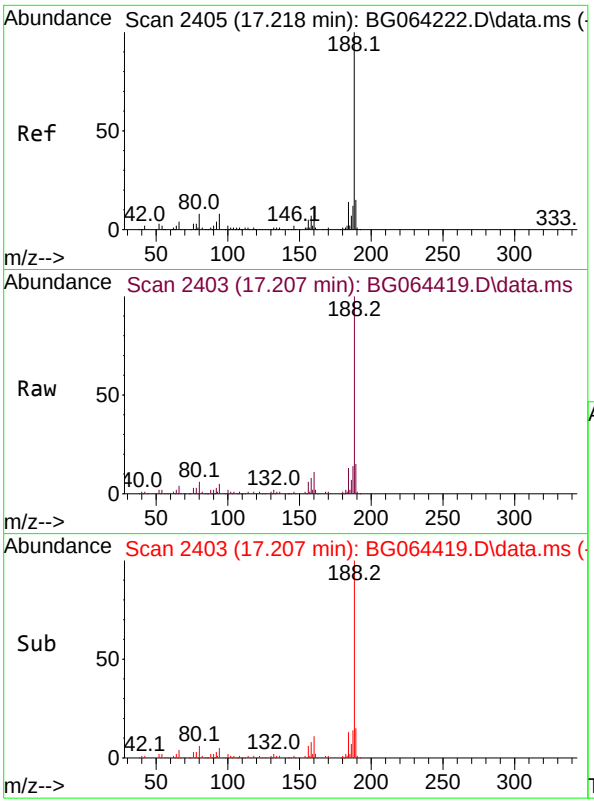


#45
2-Fluorobiphenyl
Concen: 88.959 ng
RT: 13.088 min Scan# 1702
Delta R.T. -0.023 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:172 Resp: 329310

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.5	19.0	28.6



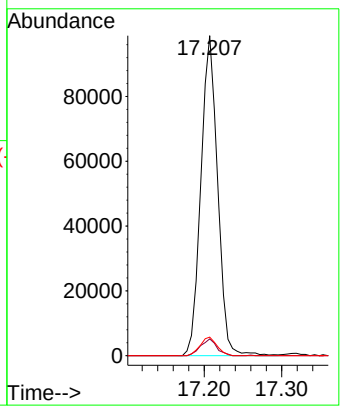


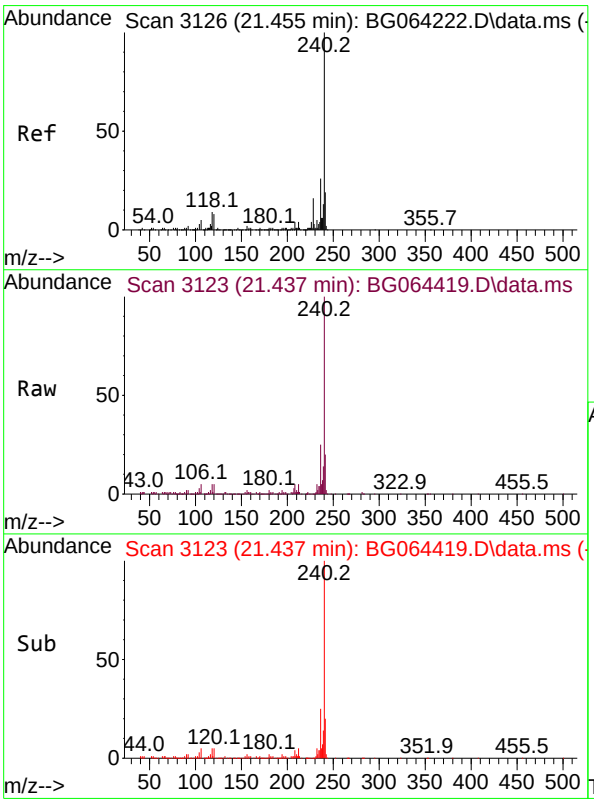
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 24
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Instrument :
BNA_G
ClientSampleId :
PB169783BL

Tgt Ion:188 Resp: 147930

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.2	9.4#
80	5.8	6.8	10.2#

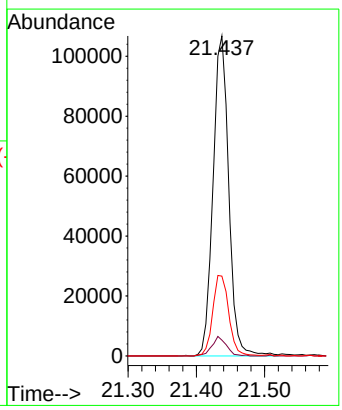


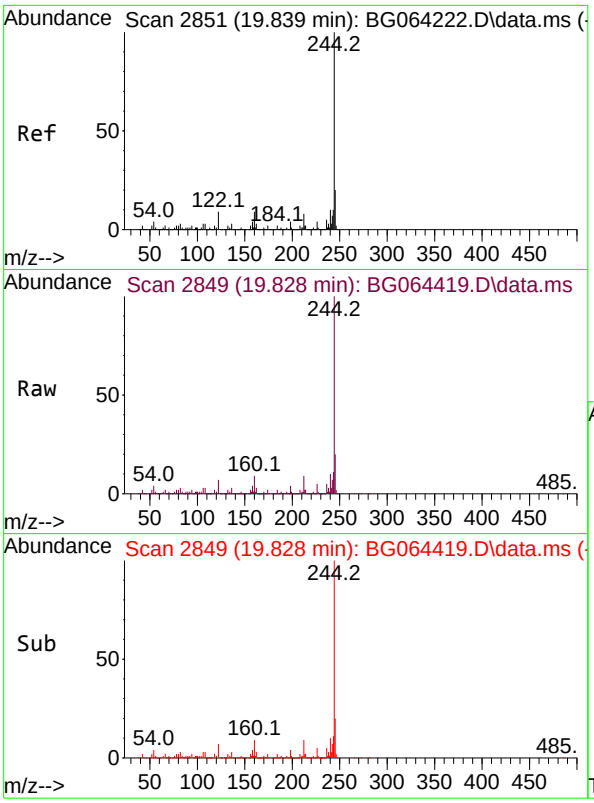


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:240 Resp: 169803

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.2	9.4#
236	24.9	20.5	30.7



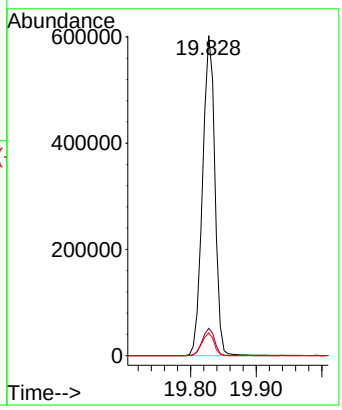


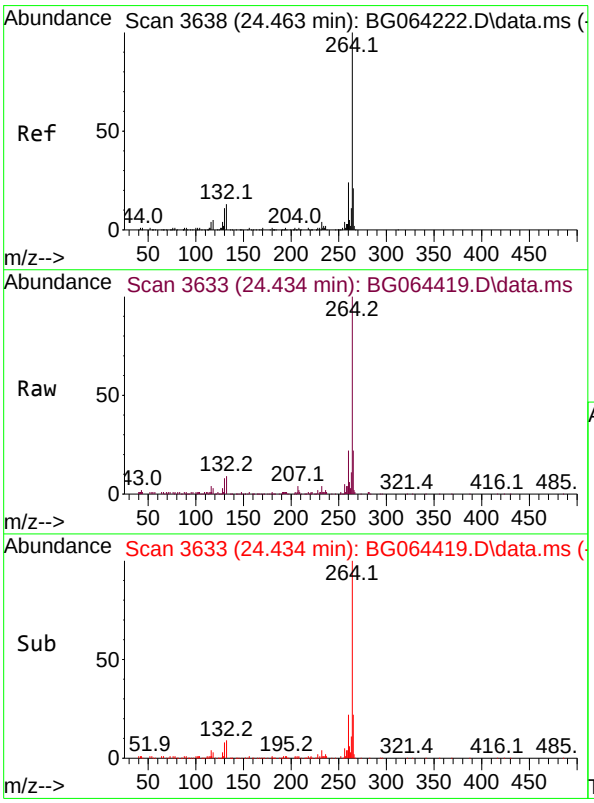
#79
Terphenyl-d14
Concen: 96.043 ng
RT: 19.828 min Scan# 28
Delta R.T. -0.018 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Instrument :
BNA_G
ClientSampleId :
PB169783BL

Tgt Ion:244 Resp: 781675

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	10.0
122	7.1	7.0	10.6

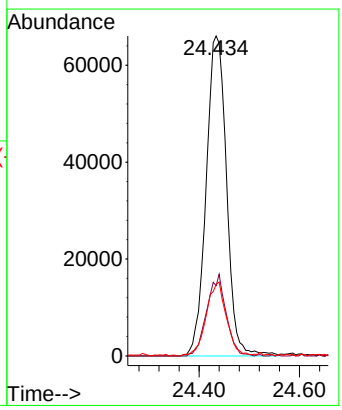




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.434 min Scan# 3633
Delta R.T. -0.029 min
Lab File: BG064419.D
Acq: 22 Sep 2025 17:38

Tgt Ion:264 Resp: 186504

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	22.3	16.7	25.1



Raw Data: **BG064420.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	
Project:	Yard Soil Cleanup	Date Received:	
Client Sample ID:	PB169783BS	SDG No.:	Q3157
Lab Sample ID:	PB169783BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064420.D	1	09/22/25 10:30	09/22/25 18:18	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	30.1		1.30	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	41.9		0.53	5.00	ug/L
95-48-7	2-Methylphenol	39.9		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	40.1		1.10	10.0	ug/L
67-72-1	Hexachloroethane	41.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	41.4		0.76	5.00	ug/L
87-68-3	Hexachlorobutadiene	51.4		0.54	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	44.6		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.8		0.62	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	48.4		1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	47.2		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	145		23 - 138	96%	SPK: 150
13127-88-3	Phenol-d6	140		10 - 134	93%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.5		67 - 132	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.6		52 - 132	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	160		44 - 137	107%	SPK: 150
1718-51-0	Terphenyl-d14	91.3		42 - 152	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	18000	7.835			
1146-65-2	Naphthalene-d8	77600	10.632			
15067-26-2	Acenaphthene-d10	60400	14.469			
1517-22-2	Phenanthrene-d10	145000	17.207			
1719-03-5	Chrysene-d12	163000	21.437			
1520-96-3	Perylene-d12	171000	24.439			

Raw Data: **BG064420.D**

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

Report of Analysis

Client:	Always Available Construction LLC.			Date Collected:			
Project:	Yard Soil Cleanup			Date Received:			
Client Sample ID:	PB169783BS			SDG No.:	Q3157		
Lab Sample ID:	PB169783BS			Matrix:	TCLP		
Analytical Method:	8270E			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	TCLP BNA		
Extraction Type :			Decanted : N	Level :	LOW		
Injection Volume :			GPC Factor : 1.0	GPC Cleanup :	N	PH :	
Prep Method :							

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064420.D	1	09/22/25 10:30	09/22/25 18:18	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Sample Results: **BG064420.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064420.D
Acq On : 22 Sep 2025 18:18
Operator : RC/JU
Sample : PB169783BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 22 19:50:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169783BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	17950	20.000	ng	-0.02
21) Naphthalene-d8	10.632	136	77582	20.000	ng	#-0.02
39) Acenaphthene-d10	14.469	164	60373	20.000	ng	-0.01
64) Phenanthrene-d10	17.207	188	145222	20.000	ng	#-0.02
76) Chrysene-d12	21.437	240	163041	20.000	ng	#-0.02
86) Perylene-d12	24.439	264	171434	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	144758	144.685	ng	-0.01
7) Phenol-d6	7.019	99	192685	140.183	ng	-0.01
23) Nitrobenzene-d5	8.999	82	123087	88.482	ng	-0.02
42) 2,4,6-Tribromophenol	15.955	330	128170	160.279	ng	-0.02
45) 2-Fluorobiphenyl	13.094	172	334624	84.600	ng	-0.02
79) Terphenyl-d14	19.827	244	713409	91.291	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	13481	32.327	ng	# 89
3) Pyridine	3.728	79	36935	30.088	ng	# 59
4) n-Nitrosodimethylamine	3.646	42	37905	46.684	ng	# 93
6) Aniline	7.171	93	54421	28.631	ng	96
8) 2-Chlorophenol	7.406	128	51821	42.386	ng	98
9) Benzaldehyde	6.978	77	26080	23.056	ng	95
10) Phenol	7.042	94	69295	45.726	ng	81
11) bis(2-Chloroethyl)ether	7.260	93	37845	33.233	ng	89
12) 1,3-Dichlorobenzene	7.730	146	54651	42.018	ng	97
13) 1,4-Dichlorobenzene	7.877	146	54969	41.876	ng	94
14) 1,2-Dichlorobenzene	8.194	146	53754	42.430	ng	98
15) Benzyl Alcohol	8.076	79	53938	42.523	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.370	45	69151	26.597	ng	95
17) 2-Methylphenol	8.288	107	45083	39.917	ng	87
18) Hexachloroethane	8.916	117	21117	41.212	ng	# 81
19) n-Nitroso-di-n-propyla...	8.640	70	37836	35.967	ng	97
20) 3+4-Methylphenols	8.611	107	62946	40.110	ng	97
22) Acetophenone	8.658	105	86230	43.933	ng	# 99
24) Nitrobenzene	9.034	77	60116	41.361	ng	99
25) Isophorone	9.557	82	108573	37.554	ng	98
26) 2-Nitrophenol	9.745	139	28275	45.022	ng	# 78
27) 2,4-Dimethylphenol	9.810	122	52329	47.459	ng	97
28) bis(2-Chloroethoxy)met...	10.039	93	57304	36.758	ng	98
29) 2,4-Dichlorophenol	10.280	162	56693	48.731	ng	94
30) 1,2,4-Trichlorobenzene	10.497	180	56715	46.235	ng	96
31) Naphthalene	10.679	128	164587	40.911	ng	98
32) Benzoic acid	9.962	122	39505m	45.136	ng	
33) 4-Chloroaniline	10.785	127	40738	26.127	ng	97
34) Hexachlorobutadiene	10.967	225	46651	51.449	ng	95
35) Caprolactam	11.560	113	18951m	42.069	ng	
36) 4-Chloro-3-methylphenol	11.919	107	68952	45.680	ng	93
37) 2-Methylnaphthalene	12.289	142	112085	37.482	ng	# 92
38) 1-Methylnaphthalene	12.506	142	120474	40.788	ng	99
40) 1,2,4,5-Tetrachloroben...	12.659	216	81001	46.500	ng	99
41) Hexachlorocyclopentadiene	12.642	237	102013	123.220	ng	95
43) 2,4,6-Trichlorophenol	12.900	196	51936	44.607	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064420.D
Acq On : 22 Sep 2025 18:18
Operator : RC/JU
Sample : PB169783BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 22 19:50:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169783BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	56560	44.783	ng		98
46) 1,1'-Biphenyl	13.300	154	190828	43.397	ng		98
47) 2-Chloronaphthalene	13.341	162	131287	39.714	ng		97
48) 2-Nitroaniline	13.546	65	50400	44.731	ng		92
49) Acenaphthylene	14.187	152	224621	45.965	ng		97
50) Dimethylphthalate	13.928	163	191837	41.980	ng		98
51) 2,6-Dinitrotoluene	14.046	165	43096	48.714	ng		92
52) Acenaphthene	14.533	154	133492	38.709	ng		96
53) 3-Nitroaniline	14.369	138	27026	29.164	ng		98
54) 2,4-Dinitrophenol	14.580	184	57448	98.021	ng	#	82
55) Dibenzofuran	14.868	168	225680	41.604	ng		99
56) 4-Nitrophenol	14.692	139	66347	87.280	ng	#	76
57) 2,4-Dinitrotoluene	14.833	165	64783	48.431	ng		92
58) Fluorene	15.515	166	191818	43.144	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.097	232	58657	48.287	ng		98
60) Diethylphthalate	15.291	149	208251	42.582	ng		98
61) 4-Chlorophenyl-phenyle...	15.509	204	99996	45.110	ng		97
62) 4-Nitroaniline	15.538	138	40183	42.495	ng	#	82
63) Azobenzene	15.803	77	170202	39.047	ng		94
65) 4,6-Dinitro-2-methylph...	15.597	198	43495	52.167	ng		92
66) n-Nitrosodiphenylamine	15.726	169	167890	42.026	ng		98
67) 4-Bromophenyl-phenylether	16.402	248	69801	45.254	ng		98
68) Hexachlorobenzene	16.519	284	80777	47.159	ng		93
69) Atrazine	16.678	200	75578	45.309	ng		99
70) Pentachlorophenol	16.866	266	106217	102.272	ng		92
71) Phenanthrene	17.254	178	323247	42.202	ng		99
72) Anthracene	17.342	178	332117	42.626	ng		99
73) Carbazole	17.612	167	301871	43.981	ng		99
74) Di-n-butylphthalate	18.176	149	362125	43.914	ng		99
75) Fluoranthene	19.263	202	408386	45.345	ng		96
77) Benzidine	19.445	184	115097	33.558	ng		98
78) Pyrene	19.622	202	414998	40.402	ng		98
80) Butylbenzylphthalate	20.515	149	164843	42.548	ng		95
81) Benzo(a)anthracene	21.419	228	439399	42.126	ng		99
82) 3,3'-Dichlorobenzidine	21.343	252	100362	29.544	ng		97
83) Chrysene	21.484	228	404786	40.423	ng		99
84) Bis(2-ethylhexyl)phtha...	21.343	149	237829	40.888	ng		99
85) Di-n-octyl phthalate	22.477	149	404654	39.926	ng		97
87) Indeno(1,2,3-cd)pyrene	27.818	276	517409	44.195	ng	#	78
88) Benzo(b)fluoranthene	23.494	252	431770	44.625	ng	#	96
89) Benzo(k)fluoranthene	23.558	252	436044	44.236	ng	#	96
90) Benzo(a)pyrene	24.304	252	405389	45.041	ng	#	94
91) Dibenzo(a,h)anthracene	27.871	278	427833	45.514	ng	#	97
92) Benzo(g,h,i)perylene	28.870	276	417200	45.612	ng	#	92

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

Sample Results: **BG064420.D**

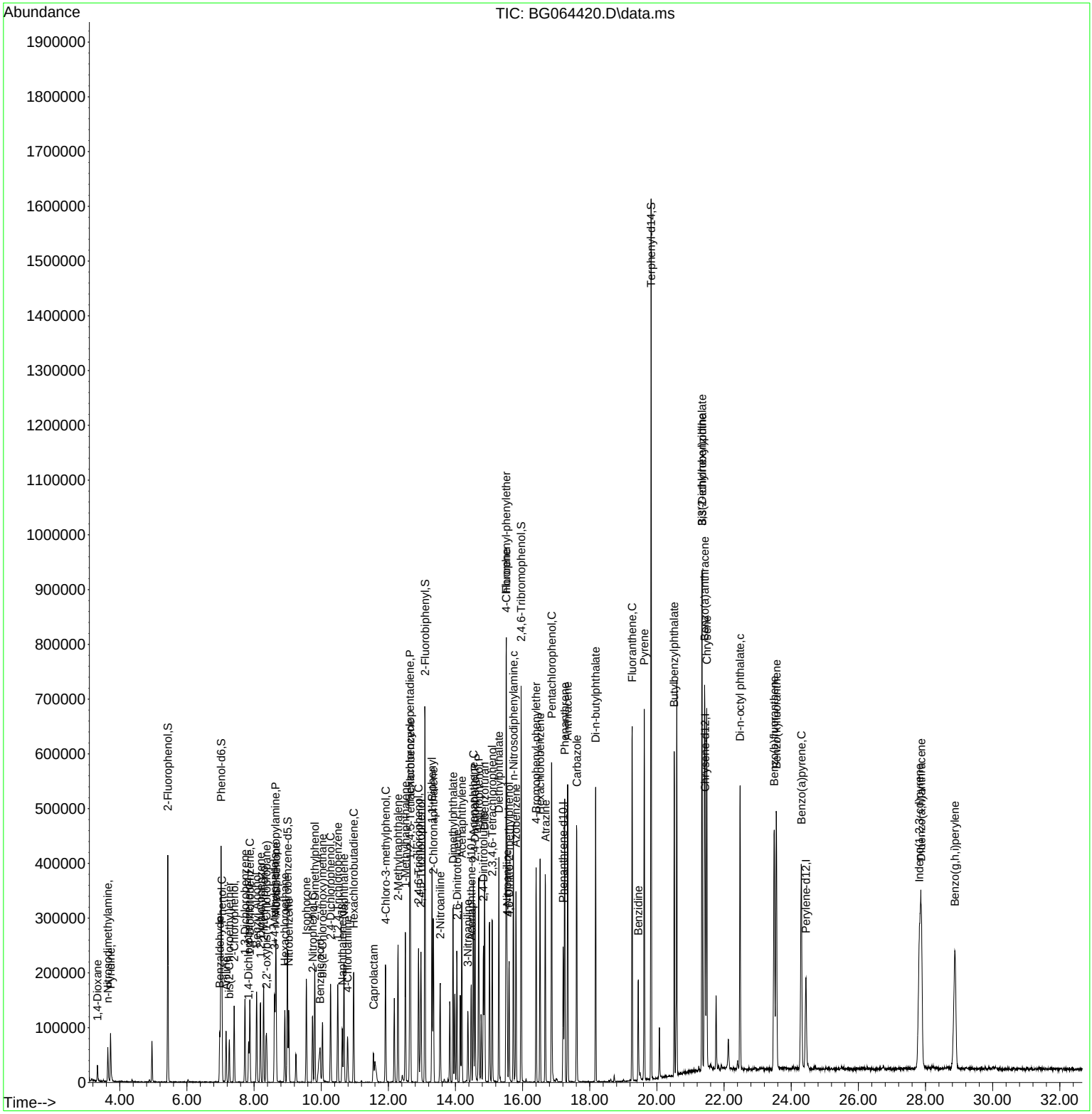
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064420.D
Acq On : 22 Sep 2025 18:18
Operator : RC/JU
Sample : PB169783BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 22 19:50:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169783BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



Raw Data: **BG064423.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/18/25
Project:	Yard Soil Cleanup	Date Received:	09/18/25
Client Sample ID:	VNJ-238MS	SDG No.:	Q3157
Lab Sample ID:	Q3133-02MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064423.D	1	09/22/25 10:30	09/22/25 20:21	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	310		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	490		5.30	50.0	ug/L
95-48-7	2-Methylphenol	470		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	480		11.0	100	ug/L
67-72-1	Hexachloroethane	450		6.50	50.0	ug/L
98-95-3	Nitrobenzene	510		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	610		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	580		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	620		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	610		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	620		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1300	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	155		23 - 138	103%	SPK: 150
13127-88-3	Phenol-d6	146		10 - 134	97%	SPK: 150
4165-60-0	Nitrobenzene-d5	116		67 - 132	116%	SPK: 100
321-60-8	2-Fluorobiphenyl	116		52 - 132	116%	SPK: 100
118-79-6	2,4,6-Tribromophenol	220	*	44 - 137	147%	SPK: 150
1718-51-0	Terphenyl-d14	122		42 - 152	122%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	18500	7.838			
1146-65-2	Naphthalene-d8	78000	10.629			
15067-26-2	Acenaphthene-d10	58800	14.466			
1517-22-2	Phenanthrene-d10	142000	17.21			
1719-03-5	Chrysene-d12	155000	21.434			
1520-96-3	Perylene-d12	171000	24.43			

Raw Data: **BG064423.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/18/25
Project:	Yard Soil Cleanup	Date Received:	09/18/25
Client Sample ID:	VNJ-238MS	SDG No.:	Q3157
Lab Sample ID:	Q3133-02MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064423.D	1	09/22/25 10:30	09/22/25 20:21	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064423.D
Acq On : 22 Sep 2025 20:21
Operator : RC/JU
Sample : Q3133-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 23 01:52:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-238MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	18545	20.000	ng	-0.02
21) Naphthalene-d8	10.629	136	77973	20.000	ng	#-0.02
39) Acenaphthene-d10	14.466	164	58753	20.000	ng	-0.02
64) Phenanthrene-d10	17.210	188	142201	20.000	ng	#-0.02
76) Chrysene-d12	21.434	240	154879	20.000	ng	#-0.02
86) Perylene-d12	24.430	264	170575	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.435	112	160043	154.830	ng	0.00
7) Phenol-d6	7.021	99	207532	146.141	ng	0.00
23) Nitrobenzene-d5	8.996	82	162657	116.341	ng	-0.02
42) 2,4,6-Tribromophenol	15.958	330	171366	220.205	ng	-0.02
45) 2-Fluorobiphenyl	13.091	172	445478	115.731	ng	-0.02
79) Terphenyl-d14	19.824	244	905293	121.951	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	14678	34.068	ng	# 54
3) Pyridine	3.749	79	39272	30.966	ng	# 63
4) n-Nitrosodimethylamine	3.655	42	42644	50.835	ng	# 88
6) Aniline	7.168	93	52406	26.686	ng	98
8) 2-Chlorophenol	7.409	128	64498	51.062	ng	97
9) Benzaldehyde	6.980	77	32353	27.684	ng	99
10) Phenol	7.045	94	69947	44.676	ng	80
11) bis(2-Chloroethyl)ether	7.262	93	46445	39.477	ng	96
12) 1,3-Dichlorobenzene	7.732	146	63968	47.603	ng	98
13) 1,4-Dichlorobenzene	7.873	146	66232	48.837	ng	90
14) 1,2-Dichlorobenzene	8.191	146	65348	49.926	ng	95
15) Benzyl Alcohol	8.079	79	68639	52.377	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.373	45	83871	31.224	ng	98
17) 2-Methylphenol	8.285	107	55111	47.230	ng	95
18) Hexachloroethane	8.919	117	24012	45.358	ng	# 73
19) n-Nitroso-di-n-propyla...	8.649	70	48179	44.329	ng	99
20) 3+4-Methylphenols	8.614	107	77736	47.945	ng	93
22) Acetophenone	8.661	105	112672	57.117	ng	# 95
24) Nitrobenzene	9.037	77	75186	51.471	ng	98
25) Isophorone	9.560	82	143066	49.236	ng	99
26) 2-Nitrophenol	9.742	139	35629	56.448	ng	# 84
27) 2,4-Dimethylphenol	9.806	122	69613	62.818	ng	99
28) bis(2-Chloroethoxy)met...	10.041	93	74332	47.442	ng	98
29) 2,4-Dichlorophenol	10.282	162	72448	61.961	ng	97
30) 1,2,4-Trichlorobenzene	10.494	180	69609	56.462	ng	98
31) Naphthalene	10.676	128	203460	50.320	ng	99
32) Benzoic acid	10.006	122	72861	82.829	ng	98
33) 4-Chloroaniline	10.788	127	14637	9.340	ng	# 90
34) Hexachlorobutadiene	10.964	225	55690	61.109	ng	94
35) Caprolactam	11.569	113	20693m	45.706	ng	
36) 4-Chloro-3-methylphenol	11.922	107	87856	57.912	ng	97
37) 2-Methylnaphthalene	12.286	142	148735	49.489	ng	93
38) 1-Methylnaphthalene	12.509	142	155081	52.242	ng	98
40) 1,2,4,5-Tetrachloroben...	12.662	216	111347	65.683	ng	99
41) Hexachlorocyclopentadiene	12.644	237	127984	158.853	ng	94
43) 2,4,6-Trichlorophenol	12.897	196	65956	58.211	ng	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064423.D
Acq On : 22 Sep 2025 20:21
Operator : RC/JU
Sample : Q3133-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 23 01:52:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-238MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	75832	61.697	ng		96
46) 1,1'-Biphenyl	13.302	154	256107	59.848	ng		97
47) 2-Chloronaphthalene	13.338	162	170068	52.864	ng		98
48) 2-Nitroaniline	13.543	65	64267	58.610	ng		92
49) Acenaphthylene	14.190	152	296924	62.436	ng		99
50) Dimethylphthalate	13.931	163	248666	55.916	ng		99
51) 2,6-Dinitrotoluene	14.043	165	55877	64.903	ng		97
52) Acenaphthene	14.530	154	171144	50.995	ng		96
53) 3-Nitroaniline	14.372	138	21486	23.825	ng		97
54) 2,4-Dinitrophenol	14.583	184	72862	126.035	ng	#	82
55) Dibenzofuran	14.865	168	295101	55.902	ng		99
56) 4-Nitrophenol	14.695	139	79822	107.902	ng	#	85
57) 2,4-Dinitrotoluene	14.836	165	79938	61.409	ng		99
58) Fluorene	15.517	166	252313	58.315	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.094	232	76886	65.039	ng	#	99
60) Diethylphthalate	15.288	149	266262	55.945	ng		100
61) 4-Chlorophenyl-phenyle...	15.512	204	130266	60.386	ng		98
62) 4-Nitroaniline	15.535	138	51965	56.470	ng	#	86
63) Azobenzene	15.805	77	226613	53.422	ng		95
65) 4,6-Dinitro-2-methylph...	15.600	198	54217	66.408	ng		88
66) n-Nitrosodiphenylamine	15.723	169	218474	55.850	ng		98
67) 4-Bromophenyl-phenylether	16.405	248	92242	61.073	ng		94
68) Hexachlorobenzene	16.522	284	103331	61.608	ng		91
69) Atrazine	16.675	200	99037	60.634	ng		95
70) Pentachlorophenol	16.863	266	136826	134.543	ng		92
71) Phenanthrene	17.251	178	416477	55.529	ng		98
72) Anthracene	17.339	178	430185	56.386	ng		99
73) Carbazole	17.609	167	380102	56.555	ng		98
74) Di-n-butylphthalate	18.173	149	463552	57.408	ng	#	98
75) Fluoranthene	19.260	202	513695	58.250	ng		95
77) Benzidine	19.442	184	118256	36.296	ng		96
78) Pyrene	19.618	202	524732	53.777	ng		99
80) Butylbenzylphthalate	20.517	149	205141	55.740	ng		94
81) Benzo(a)anthracene	21.416	228	548696	55.376	ng		98
82) 3,3'-Dichlorobenzidine	21.340	252	81549	25.271	ng		94
83) Chrysene	21.481	228	510784	53.696	ng		100
84) Bis(2-ethylhexyl)phtha...	21.340	149	295940	53.560	ng		98
85) Di-n-octyl phthalate	22.474	149	501675	52.108	ng		97
87) Indeno(1,2,3-cd)pyrene	27.826	276	655089	56.237	ng		99
88) Benzo(b)fluoranthene	23.496	252	533862	55.454	ng	#	95
89) Benzo(k)fluoranthene	23.555	252	550421	56.121	ng	#	96
90) Benzo(a)pyrene	24.295	252	522408	58.335	ng	#	97
91) Dibenzo(a,h)anthracene	27.874	278	539205	57.651	ng	#	95
92) Benzo(g,h,i)perylene	28.878	276	527184	57.926	ng	#	94

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

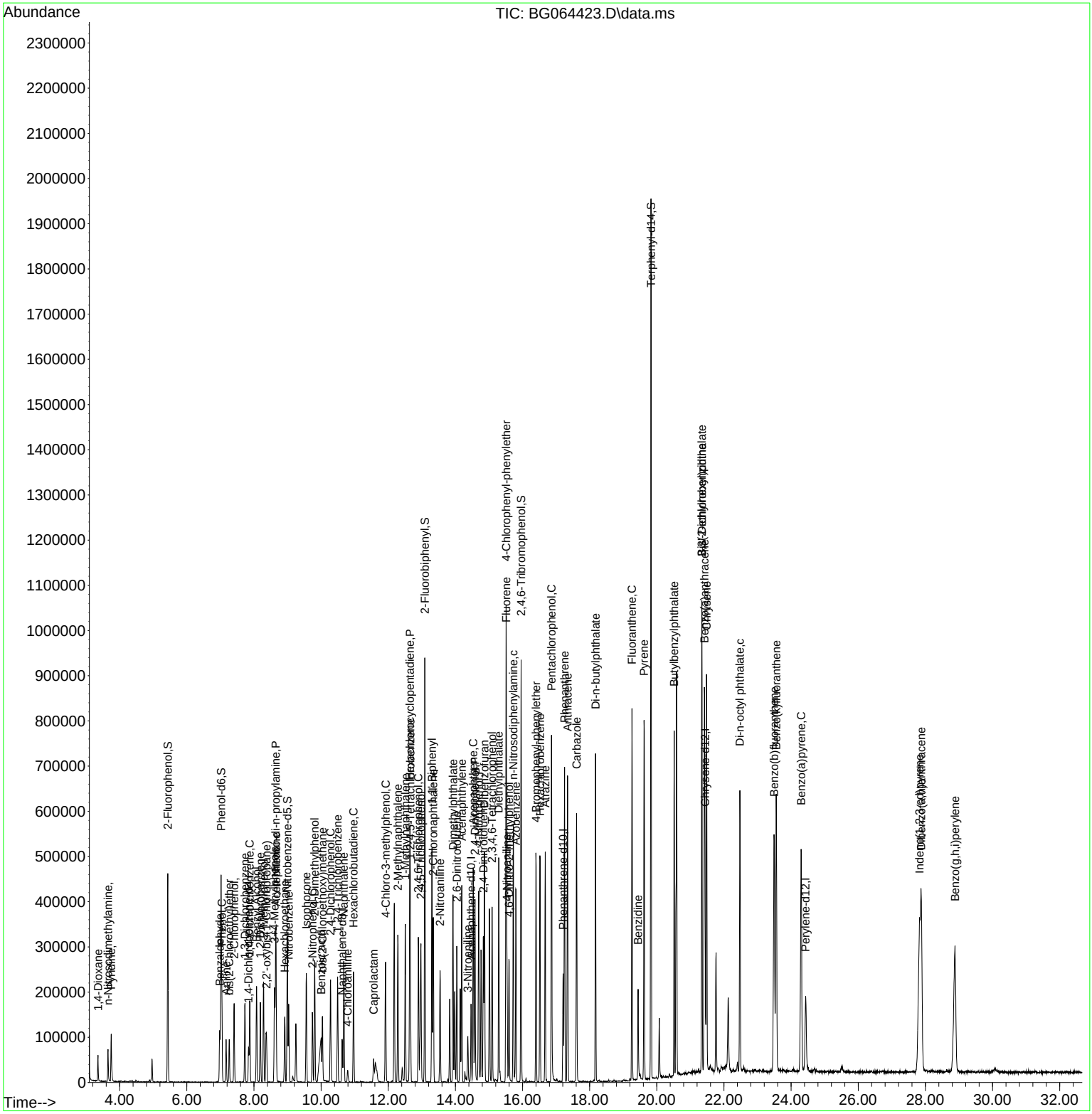
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064423.D
Acq On : 22 Sep 2025 20:21
Operator : RC/JU
Sample : Q3133-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 23 01:52:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-238MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



Raw Data: **BG064424.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/18/25
Project:	Yard Soil Cleanup	Date Received:	09/18/25
Client Sample ID:	VNJ-238MSD	SDG No.:	Q3157
Lab Sample ID:	Q3133-02MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064424.D	1	09/22/25 10:30	09/22/25 21:02	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	330		12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	490		5.30	50.0	ug/L
95-48-7	2-Methylphenol	520		11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	500		11.0	100	ug/L
67-72-1	Hexachloroethane	480		6.50	50.0	ug/L
98-95-3	Nitrobenzene	520		7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	610		5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	620		5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	620		6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	650		12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	620		5.20	50.0	ug/L
87-86-5	Pentachlorophenol	1400	E	15.8	100	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	164		23 - 138	109%	SPK: 150
13127-88-3	Phenol-d6	154		10 - 134	103%	SPK: 150
4165-60-0	Nitrobenzene-d5	117		67 - 132	117%	SPK: 100
321-60-8	2-Fluorobiphenyl	116		52 - 132	116%	SPK: 100
118-79-6	2,4,6-Tribromophenol	226	*	44 - 137	151%	SPK: 150
1718-51-0	Terphenyl-d14	125		42 - 152	125%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	17200	7.841			
1146-65-2	Naphthalene-d8	75800	10.626			
15067-26-2	Acenaphthene-d10	57700	14.469			
1517-22-2	Phenanthrene-d10	139000	17.207			
1719-03-5	Chrysene-d12	149000	21.437			
1520-96-3	Perylene-d12	164000	24.434			

Raw Data: **BG064424.D**

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

Report of Analysis

Client:	Always Available Construction LLC.	Date Collected:	09/18/25
Project:	Yard Soil Cleanup	Date Received:	09/18/25
Client Sample ID:	VNJ-238MSD	SDG No.:	Q3157
Lab Sample ID:	Q3133-02MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064424.D	1	09/22/25 10:30	09/22/25 21:02	PB169783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Sample Results: **BG064424.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064424.D
Acq On : 22 Sep 2025 21:02
Operator : RC/JU
Sample : Q3133-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 23 01:53:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-238MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	17185	20.000	ng	-0.02
21) Naphthalene-d8	10.626	136	75788	20.000	ng	#-0.02
39) Acenaphthene-d10	14.469	164	57701	20.000	ng	-0.01
64) Phenanthrene-d10	17.207	188	138853	20.000	ng	#-0.02
76) Chrysene-d12	21.437	240	148540	20.000	ng	#-0.02
86) Perylene-d12	24.434	264	163739	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.433	112	157183	164.097	ng	-0.01
7) Phenol-d6	7.019	99	203176	154.396	ng	-0.01
23) Nitrobenzene-d5	8.993	82	159460	117.342	ng	-0.02
42) 2,4,6-Tribromophenol	15.956	330	172690	225.952	ng	-0.02
45) 2-Fluorobiphenyl	13.088	172	437744	115.796	ng	-0.02
79) Terphenyl-d14	19.827	244	888951	124.859	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	14622	36.624	ng	# 52
3) Pyridine	3.752	79	38646	32.884	ng	# 58
4) n-Nitrosodimethylamine	3.652	42	40240	51.766	ng	89
6) Aniline	7.172	93	53856	29.595	ng	99
8) 2-Chlorophenol	7.407	128	63657	54.385	ng	98
9) Benzaldehyde	6.978	77	31583	29.164	ng	96
10) Phenol	7.042	94	69077	47.612	ng	84
11) bis(2-Chloroethyl)ether	7.266	93	44321	40.653	ng	99
12) 1,3-Dichlorobenzene	7.730	146	61223	49.166	ng	97
13) 1,4-Dichlorobenzene	7.877	146	62106	49.419	ng	96
14) 1,2-Dichlorobenzene	8.188	146	61582	50.772	ng	98
15) Benzyl Alcohol	8.076	79	67238	55.368	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.370	45	80384	32.294	ng	91
17) 2-Methylphenol	8.288	107	56053	51.839	ng	92
18) Hexachloroethane	8.917	117	23690	48.291	ng	89
19) n-Nitroso-di-n-propyla...	8.646	70	48844	48.498	ng	# 96
20) 3+4-Methylphenols	8.611	107	75203	50.053	ng	97
22) Acetophenone	8.658	105	108863	56.778	ng	# 95
24) Nitrobenzene	9.034	77	73947	52.082	ng	99
25) Isophorone	9.557	82	139107	49.254	ng	95
26) 2-Nitrophenol	9.745	139	36304	59.175	ng	# 83
27) 2,4-Dimethylphenol	9.810	122	66774	61.994	ng	95
28) bis(2-Chloroethoxy)met...	10.039	93	72123	47.359	ng	96
29) 2,4-Dichlorophenol	10.280	162	70152	61.727	ng	95
30) 1,2,4-Trichlorobenzene	10.491	180	68728	57.354	ng	94
31) Naphthalene	10.673	128	201175	51.189	ng	98
32) Benzoic acid	9.992	122	73365	85.806	ng	96
33) 4-Chloroaniline	10.791	127	15590	10.235	ng	# 83
34) Hexachlorobutadiene	10.967	225	54063	61.034	ng	92
35) Caprolactam	11.567	113	20456m	46.485	ng	
36) 4-Chloro-3-methylphenol	11.919	107	88534	60.041	ng	98
37) 2-Methylnaphthalene	12.289	142	146601	50.185	ng	95
38) 1-Methylnaphthalene	12.507	142	152769	52.946	ng	97
40) 1,2,4,5-Tetrachloroben...	12.659	216	106314	63.858	ng	97
41) Hexachlorocyclopentadiene	12.642	237	127618	161.286	ng	93
43) 2,4,6-Trichlorophenol	12.900	196	69102	62.099	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064424.D
Acq On : 22 Sep 2025 21:02
Operator : RC/JU
Sample : Q3133-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-238MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025

Quant Time: Sep 23 01:53:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	74992	62.126	ng		96
46) 1,1'-Biphenyl	13.300	154	255737	60.852	ng		96
47) 2-Chloronaphthalene	13.341	162	167540	53.027	ng		96
48) 2-Nitroaniline	13.541	65	63246	58.731	ng		89
49) Acenaphthylene	14.187	152	295177	63.200	ng		99
50) Dimethylphthalate	13.928	163	247547	56.680	ng		99
51) 2,6-Dinitrotoluene	14.040	165	53434	63.197	ng		98
52) Acenaphthene	14.534	154	171886	52.150	ng		99
53) 3-Nitroaniline	14.369	138	21803	24.617	ng	#	96
54) 2,4-Dinitrophenol	14.581	184	73819	129.840	ng	#	76
55) Dibenzofuran	14.869	168	294528	56.811	ng		99
56) 4-Nitrophenol	14.692	139	76557	105.376	ng	#	73
57) 2,4-Dinitrotoluene	14.833	165	82793	64.761	ng	#	97
58) Fluorene	15.515	166	249559	58.731	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	75892	65.368	ng		98
60) Diethylphthalate	15.292	149	264047	56.491	ng		99
61) 4-Chlorophenyl-phenyle...	15.509	204	129396	61.076	ng		100
62) 4-Nitroaniline	15.538	138	51967	57.501	ng	#	81
63) Azobenzene	15.803	77	221338	53.130	ng		91
65) 4,6-Dinitro-2-methylph...	15.597	198	53985	67.718	ng		95
66) n-Nitrosodiphenylamine	15.726	169	218361	57.167	ng		97
67) 4-Bromophenyl-phenylether	16.402	248	92109	62.456	ng		98
68) Hexachlorobenzene	16.520	284	101374	61.899	ng		95
69) Atrazine	16.672	200	97748	61.288	ng		96
70) Pentachlorophenol	16.866	266	134616	135.561	ng		93
71) Phenanthrene	17.248	178	414732	56.630	ng		98
72) Anthracene	17.342	178	424516	56.985	ng		99
73) Carbazole	17.612	167	374300	57.035	ng		99
74) Di-n-butylphthalate	18.176	149	465863	59.086	ng		99
75) Fluoranthene	19.258	202	498405	57.879	ng		97
77) Benzidine	19.440	184	140867	45.081	ng		96
78) Pyrene	19.622	202	517756	55.326	ng		99
80) Butylbenzylphthalate	20.515	149	205267	58.155	ng		96
81) Benzo(a)anthracene	21.420	228	542960	57.136	ng		99
82) 3,3'-Dichlorobenzidine	21.337	252	81443	26.315	ng		99
83) Chrysene	21.478	228	506126	55.477	ng		99
84) Bis(2-ethylhexyl)phtha...	21.343	149	294058	55.490	ng		99
85) Di-n-octyl phthalate	22.471	149	494880	53.596	ng		96
87) Indeno(1,2,3-cd)pyrene	27.818	276	655408	58.613	ng		99
88) Benzo(b)fluoranthene	23.488	252	540387	58.476	ng	#	97
89) Benzo(k)fluoranthene	23.552	252	529566	56.249	ng	#	95
90) Benzo(a)pyrene	24.299	252	514992	59.908	ng	#	97
91) Dibenzo(a,h)anthracene	27.871	278	529955	59.028	ng		95
92) Benzo(g,h,i)perylene	28.870	276	523235	59.893	ng	#	94

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

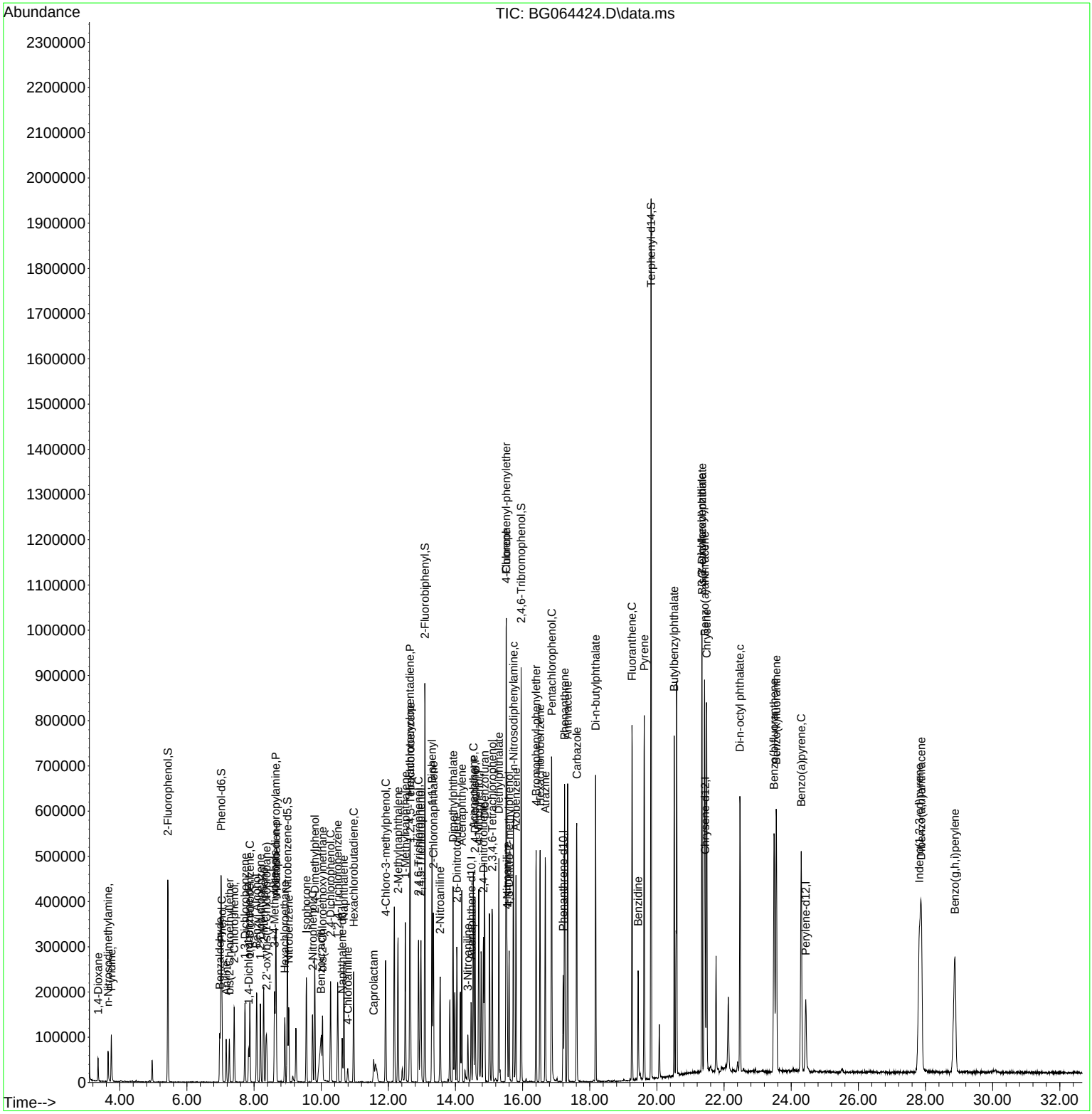
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064424.D
Acq On : 22 Sep 2025 21:02
Operator : RC/JU
Sample : Q3133-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 23 01:53:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-238MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/23/2025
Supervised By :Jagrut Upadhyay 09/23/2025



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

Manual Integration Report

Sequence:	bg082825	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064219.D	1,3-Dichlorobenzene	Rahul	8/29/2025 10:50:29 AM	Jagrut	8/29/2025 10:59:06 AM	Peak Integrated by Software
SSTDICC005	BG064219.D	1-Methylnaphthalene	Rahul	8/29/2025 10:50:29 AM	Jagrut	8/29/2025 10:59:06 AM	Peak Integrated by Software
SSTDICC010	BG064220.D	Benzoic acid	Rahul	8/29/2025 10:50:31 AM	Jagrut	8/29/2025 10:59:09 AM	Peak Integrated by Software
SSTDICC020	BG064221.D	Benzaldehyde	Rahul	8/29/2025 10:50:33 AM	Jagrut	8/29/2025 10:59:11 AM	Peak Integrated by Software
SSTDICCC040	BG064222.D	Benzoic acid	Rahul	8/29/2025 10:50:35 AM	Jagrut	8/29/2025 10:59:14 AM	Peak Integrated by Software
SSTDICC050	BG064223.D	Benzaldehyde	Rahul	8/29/2025 10:50:37 AM	Jagrut	8/29/2025 10:59:18 AM	Peak Integrated by Software
SSTDICC050	BG064223.D	Benzoic acid	Rahul	8/29/2025 10:50:37 AM	Jagrut	8/29/2025 10:59:18 AM	Peak Integrated by Software
SSTDICC060	BG064224.D	Benzoic acid	Rahul	8/29/2025 10:50:40 AM	Jagrut	8/29/2025 10:59:20 AM	Peak Integrated by Software
SSTDICC080	BG064225.D	Benzoic acid	Rahul	8/29/2025 10:50:42 AM	Jagrut	8/29/2025 10:59:22 AM	Peak Integrated by Software
SSTDICV040	BG064226.D	Benzoic acid	Rahul	8/29/2025 10:50:44 AM	Jagrut	8/29/2025 10:59:25 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BG092225	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064418.D	Benzo(b)fluoranthene	Rahul	9/23/2025 8:29:33 AM	Jagrut	9/23/2025 1:03:46 PM	Peak Integrated by Software
PB169783BS	BG064420.D	Benzoic acid	Rahul	9/23/2025 8:29:51 AM	Jagrut	9/23/2025 1:03:48 PM	Peak Integrated by Software
PB169783BS	BG064420.D	Caprolactam	Rahul	9/23/2025 8:29:51 AM	Jagrut	9/23/2025 1:03:48 PM	Peak Integrated by Software
Q3133-02MS	BG064423.D	Caprolactam	Rahul	9/23/2025 8:30:27 AM	Jagrut	9/23/2025 1:03:51 PM	Peak Integrated by Software
Q3133-02MSD	BG064424.D	Caprolactam	Rahul	9/23/2025 8:30:32 AM	Jagrut	9/23/2025 1:03:54 PM	Peak Integrated by Software

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG082825

Review By	Rahul	Review On	8/29/2025 10:48:53 AM				
Supervise By	Jagrut	Supervise On	8/29/2025 10:59:39 AM				
SubDirectory	BG082825	HP Acquire Method	BNA_G		HP Processing Method	bg082825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064217.D	28 Aug 2025 10:11	RC/JU	Ok
2	SSTDICC2.5	BG064218.D	28 Aug 2025 10:51	RC/JU	Ok
3	SSTDICC005	BG064219.D	28 Aug 2025 11:32	RC/JU	Ok,M
4	SSTDICC010	BG064220.D	28 Aug 2025 12:12	RC/JU	Ok,M
5	SSTDICC020	BG064221.D	28 Aug 2025 12:53	RC/JU	Ok,M
6	SSTDICCC040	BG064222.D	28 Aug 2025 13:33	RC/JU	Ok,M
7	SSTDICC050	BG064223.D	28 Aug 2025 14:55	RC/JU	Ok,M
8	SSTDICC060	BG064224.D	28 Aug 2025 15:35	RC/JU	Ok,M
9	SSTDICC080	BG064225.D	28 Aug 2025 16:16	RC/JU	Ok,M
10	SSTDICV040	BG064226.D	28 Aug 2025 18:19	RC/JU	Ok,M
11	PB169325TB	BG064227.D	28 Aug 2025 19:00	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG092225

Review By	Rahul	Review On	9/23/2025 8:31:59 AM				
Supervise By	Jagrut	Supervise On	9/23/2025 1:07:26 PM				
SubDirectory	BG092225	HP Acquire Method	BNA_G		HP Processing Method	bg082825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064417.D	22 Sep 2025 16:16	RC/JU	Ok
2	SSTDCCC040	BG064418.D	22 Sep 2025 16:57	RC/JU	Ok,M
3	PB169783BL	BG064419.D	22 Sep 2025 17:38	RC/JU	Ok
4	PB169783BS	BG064420.D	22 Sep 2025 18:18	RC/JU	Ok,M
5	PB169754TB	BG064421.D	22 Sep 2025 18:59	RC/JU	Ok
6	Q3133-02	BG064422.D	22 Sep 2025 19:40	RC/JU	Ok
7	Q3133-02MS	BG064423.D	22 Sep 2025 20:21	RC/JU	Ok,M
8	Q3133-02MSD	BG064424.D	22 Sep 2025 21:02	RC/JU	Ok,M
9	Q3133-04	BG064425.D	22 Sep 2025 21:43	RC/JU	ReRun
10	Q3133-06	BG064426.D	22 Sep 2025 22:24	RC/JU	Ok
11	Q3133-08	BG064427.D	22 Sep 2025 23:05	RC/JU	Ok
12	Q3153-04	BG064428.D	22 Sep 2025 23:46	RC/JU	Ok
13	Q3153-08	BG064429.D	23 Sep 2025 00:27	RC/JU	Ok
14	Q3157-02	BG064430.D	23 Sep 2025 1:08	RC/JU	Ok
15	Q3135-01	BG064431.D	23 Sep 2025 1:49	RC/JU	ReRun
16	Q3151-02	BG064432.D	23 Sep 2025 2:30	RC/JU	ReRun
17	Q3145-01	BG064433.D	23 Sep 2025 3:11	RC/JU	ReRun

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG082825

Review By	Rahul	Review On	8/29/2025 10:48:53 AM		
Supervise By	Jagrut	Supervise On	8/29/2025 10:59:39 AM		
SubDirectory	BG082825	HP Acquire Method	BNA_G	HP Processing Method	bg082825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064217.D	28 Aug 2025 10:11		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064218.D	28 Aug 2025 10:51		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064219.D	28 Aug 2025 11:32		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064220.D	28 Aug 2025 12:12		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064221.D	28 Aug 2025 12:53		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064222.D	28 Aug 2025 13:33	compound #54 kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BG064223.D	28 Aug 2025 14:55		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BG064224.D	28 Aug 2025 15:35		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BG064225.D	28 Aug 2025 16:16	Compound #9 revoved from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBG082825	BG064226.D	28 Aug 2025 18:19		RC/JU	Ok,M
11	PB169325TB	PB169325TB	BG064227.D	28 Aug 2025 19:00		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG092225

Review By	Rahul	Review On	9/23/2025 8:31:59 AM		
Supervise By	Jagrut	Supervise On	9/23/2025 1:07:26 PM		
SubDirectory	BG092225	HP Acquire Method	BNA_G	HP Processing Method	bg082825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064417.D	22 Sep 2025 16:16		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064418.D	22 Sep 2025 16:57	CCC fail high side for many compound, # 16 failed low	RC/JU	Ok,M
3	PB169783BL	PB169783BL	BG064419.D	22 Sep 2025 17:38		RC/JU	Ok
4	PB169783BS	PB169783BS	BG064420.D	22 Sep 2025 18:18		RC/JU	Ok,M
5	PB169754TB	PB169754TB	BG064421.D	22 Sep 2025 18:59		RC/JU	Ok
6	Q3133-02	VNJ-238	BG064422.D	22 Sep 2025 19:40		RC/JU	Ok
7	Q3133-02MS	VNJ-238MS	BG064423.D	22 Sep 2025 20:21		RC/JU	Ok,M
8	Q3133-02MSD	VNJ-238MSD	BG064424.D	22 Sep 2025 21:02		RC/JU	Ok,M
9	Q3133-04	VNJ-222	BG064425.D	22 Sep 2025 21:43	Surrogate Fail - RE EXTRACTION.	RC/JU	ReRun
10	Q3133-06	361	BG064426.D	22 Sep 2025 22:24		RC/JU	Ok
11	Q3133-08	VNJ-210	BG064427.D	22 Sep 2025 23:05		RC/JU	Ok
12	Q3153-04	OR-500-COMP-39	BG064428.D	22 Sep 2025 23:46		RC/JU	Ok
13	Q3153-08	OR-500-COMP-40	BG064429.D	23 Sep 2025 00:27		RC/JU	Ok
14	Q3157-02	20-DEAD-1	BG064430.D	23 Sep 2025 1:08		RC/JU	Ok
15	Q3135-01	MH-121	BG064431.D	23 Sep 2025 1:49	Compound #16 failed low side in CCC	RC/JU	ReRun
16	Q3151-02	1402	BG064432.D	23 Sep 2025 2:30	Compound #16 failed low side in CCC	RC/JU	ReRun
17	Q3145-01	SP-A	BG064433.D	23 Sep 2025 3:11	Compound #16 failed low side in CCC	RC/JU	ReRun

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

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG092225

Review By	Rahul	Review On	9/23/2025 8:31:59 AM		
Supervise By	Jagrut	Supervise On	9/23/2025 1:07:26 PM		
SubDirectory	BG092225	HP Acquire Method	BNA_G	HP Processing Method	bg082825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169754

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 40819719

Start Prep Date : 09/18/2025 **Time :** 16:00

End Prep Date : 09/19/2025 **Time :** 08:35

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 10

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : JZ

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. Q3157-02 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/22/25 10:00	JP Lab Room	SKS. RJ / EXT
	Preparation Group	Analysis Group INST DIG.

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169754

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB169754TB	LEB754	17	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q3065-04	VNJ-204	01	100.02	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q3133-02	VNJ-238	02	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q3133-04	VNJ-222	03	100.03	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3133-06	361	04	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q3133-08	VNJ-210	05	100.03	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3136-01	34922	06	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3136-02	34923	07	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q3136-03	34924	08	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3136-04	34925	09	100.01	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q3136-05	34926	10	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3138-08	MOO-25-0239-0241	11	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-2
Q3150-01	MER Rd Con Ed	12	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-2
Q3150-03	Mid Site Grid 5-7	13	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q3153-04	OR-500-COMP-39	14	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-2
Q3153-08	OR-500-COMP-40	15	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q3157-02	20-DEAD-1	16	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169754TB	LEB754	N/A	N/A	N/A	N/A	N/A	N/A
Q3065-04	VNJ-204	N/A	N/A	N/A	N/A	N/A	N/A
Q3133-02	VNJ-238	N/A	N/A	N/A	N/A	100	N/A
Q3133-04	VNJ-222	N/A	N/A	N/A	N/A	100	N/A
Q3133-06	361	N/A	N/A	N/A	N/A	100	N/A
Q3133-08	VNJ-210	N/A	N/A	N/A	N/A	100	N/A
Q3136-01	34922	N/A	N/A	N/A	N/A	100	N/A
Q3136-02	34923	N/A	N/A	N/A	N/A	100	N/A
Q3136-03	34924	N/A	N/A	N/A	N/A	100	N/A
Q3136-04	34925	N/A	N/A	N/A	N/A	100	N/A
Q3136-05	34926	N/A	N/A	N/A	N/A	100	N/A
Q3138-08	MOO-25-0239-0241	N/A	N/A	N/A	N/A	100	N/A
Q3150-01	MER Rd Con Ed	N/A	N/A	N/A	N/A	100	N/A
Q3150-03	Mid Site Grid 5-7	N/A	N/A	N/A	N/A	100	N/A
Q3153-04	OR-500-COMP-39	N/A	N/A	N/A	N/A	100	N/A
Q3153-08	OR-500-COMP-40	N/A	N/A	N/A	N/A	100	N/A
Q3157-02	20-DEAD-1	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB169754

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB169754TB	LEB754	N/A	96.5	N/A	N/A	#1	4.94
Q3065-04	VNJ-204	5.02	96.5	6.6	2.5	#1	4.94
Q3133-02	VNJ-238	5.02	96.5	7.0	2.5	#1	4.94
Q3133-04	VNJ-222	5.03	96.5	7.6	2.5	#1	4.94
Q3133-06	361	5.02	96.5	7.4	2.0	#1	4.94
Q3133-08	VNJ-210	5.03	96.5	7.0	2.5	#1	4.94
Q3136-01	34922	5.02	96.5	5.6	2.5	#1	4.94
Q3136-02	34923	5.01	96.5	5.8	1.5	#1	4.94
Q3136-03	34924	5.02	96.5	5.8	1.5	#1	4.94
Q3136-04	34925	5.03	96.5	5.8	2.0	#1	4.94
Q3136-05	34926	5.02	96.5	6.0	2.0	#1	4.94
Q3138-08	MOO-25-0239-0241	5.03	96.5	6.4	2.0	#1	4.94
Q3150-01	MER Rd Con Ed	5.01	96.5	8.6	3.5	#1	4.94
Q3150-03	Mid Site Grid 5-7	5.02	96.5	8.4	3.0	#1	4.94
Q3153-04	OR-500-COMP-39	5.03	96.5	7.6	2.5	#1	4.94
Q3153-08	OR-500-COMP-40	5.02	96.5	7.6	2.5	#1	4.94
Q3157-02	20-DEAD-1	5.03	96.5	8.6	3.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q3138 **WorkList ID :** 191956 **Department :** TCLP Extraction **Date :** 09-19-2025 11:59:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3065-04	VNJ-204	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/10/2025	1311
Q3133-02	VNJ-238	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3133-04	VNJ-222	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3133-06	361	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3133-08	VNJ-210	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3136-01	34922	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3136-02	34923	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3136-03	34924	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3136-04	34925	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3136-05	34926	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3138-08	MOO-25-0239-0241	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3150-01	MER Rd Con Ed	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/18/2025	1311
Q3150-03	Mid Site Grid 5-7	Solid	TCLP Extraction	Cool 4 deg C	SCAL01	J23	09/18/2025	1311
Q3153-04	OR-500-COMP-39	Solid	TCLP Extraction	Cool 4 deg C	SCAL01	J23	09/18/2025	1311
Q3153-08	OR-500-COMP-40	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/19/2025	1311
Q3157-02	20-DEAD-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	09/19/2025	1311
Q3157-02	20-DEAD-1	Solid	TCLP Extraction	Cool 4 deg C	ALWA01	D31	09/19/2025	1311

Date/Time 09-19-25 15:00
Raw Sample Received by: (COC)
Raw Sample Relinquished by: SM

Date/Time 09-19-25 17:00
Raw Sample Received by: SM
Raw Sample Relinquished by: (COC)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169783

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	09/22/2025
Matrix :	Water			**Extraction Start Time :**	10:30
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	09/22/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	15:45
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	ritesh

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	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
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	E3973
Baked Na2SO4	N/A	EP2639
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
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 # 2210443.PH Adjust to PH<2 With 1:1 H2SO4 & >12 With 10N NAOH.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/22/25	RJ (LEL-Lab)	RC/SVOC
15:50	**Preparation Group**	**Analysis Group**

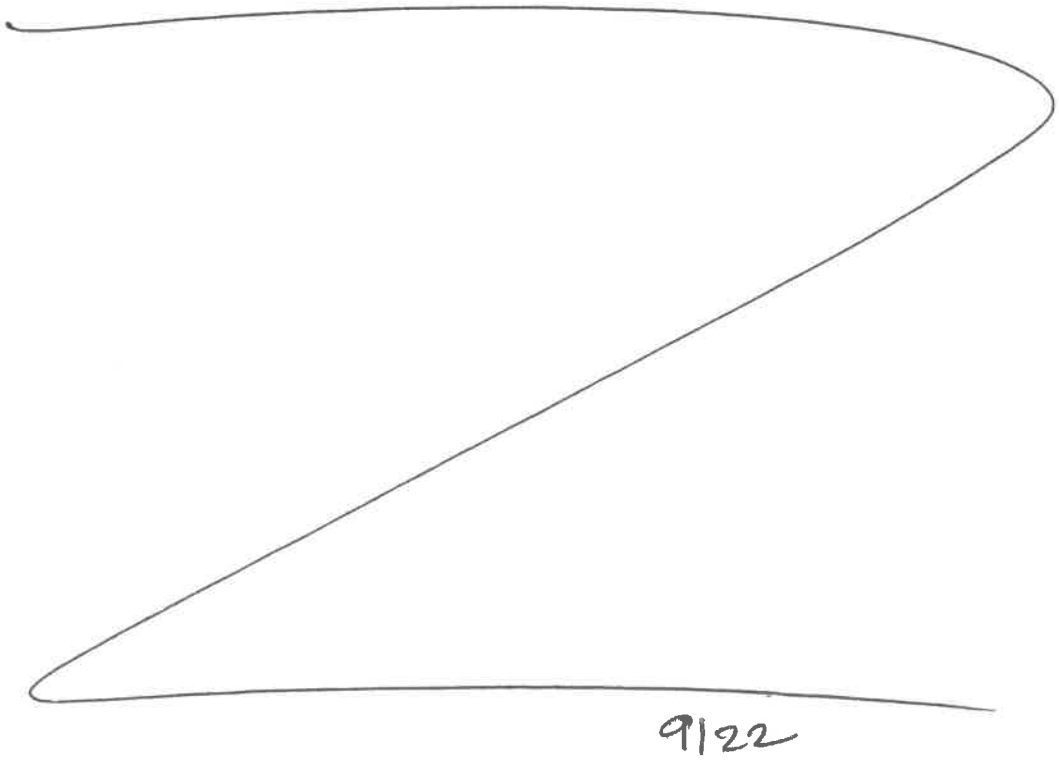
Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169783

Analytical Method: M3510C,3580A-Extraction SVOC-21 **Concentration Date:** 09/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169754TB	PB169754TB	TCLP BNA	100	6	ritesh	Evelyn	1			SEP-1
PB169783BL	PB169783BL	TCLP BNA	1000	6	ritesh	Evelyn	1			2
PB169783BS	PB169783BS	TCLP BNA	1000	6	ritesh	Evelyn	1			3
Q3133-02	VNJ-238	TCLP BNA	100	6	ritesh	Evelyn	1	A		4
Q3133-02MS	VNJ-238MS	TCLP BNA	100	6	ritesh	Evelyn	1	A		5
Q3133-02MSD	VNJ-238MSD	TCLP BNA	100	6	ritesh	Evelyn	1	A		6
Q3133-04	VNJ-222	TCLP BNA	100	6	ritesh	Evelyn	1	A		7
Q3133-06	361	TCLP BNA	100	6	ritesh	Evelyn	1	A		8
Q3133-08	VNJ-210	TCLP BNA	100	6	ritesh	Evelyn	1	A		9
Q3153-04	OR-500-COMP-39	TCLP BNA	100	6	ritesh	Evelyn	1	A		10
Q3153-08	OR-500-COMP-40	TCLP BNA	100	6	ritesh	Evelyn	1	A		11
Q3157-02	20-DEAD-1	TCLP BNA	100	6	ritesh	Evelyn	1	A		12



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

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169754

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB169754TB	LEB754	17	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q3065-04	VNJ-204	01	100.02	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q3133-02	VNJ-238	02	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q3133-04	VNJ-222	03	100.03	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3133-06	361	04	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q3133-08	VNJ-210	05	100.03	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3136-01	34922	06	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3136-02	34923	07	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q3136-03	34924	08	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3136-04	34925	09	100.01	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q3136-05	34926	10	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3138-08	MOO-25-0239-0241	11	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-2
Q3150-01	MER Rd Con Ed	12	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-2
Q3150-03	Mid Site Grid 5-7	13	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q3153-04	OR-500-COMP-39	14	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-2
Q3153-08	OR-500-COMP-40	15	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q3157-02	20-DEAD-1	16	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2

09/19/25

20:00

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q3157
COC Number 2045138

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Always Available Construction
ADDRESS: 20 Dead River Rd-
CITY Warren STATE: NJ ZIP: 07059
ATTENTION: Michael Roth
PHONE: (973) 699-4453 FAX:

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: VOCs
2: TCLP VOA
3: GHG + DEG
4: SVOC, Best. PCBs
5: Met. TOP-TAL
6: Mercury + Cyn.
7: Full TCLP
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES E/F 1	E 2	E 3	E 4	E 5	E 6	E 7	8	9	COMMENTS
1.	20 Dead-1	S.	X		9/19/25	1:45pm	11	X	X	X	X	X	X	X			
2.	20 Dead-1	W		X	9/19/25	1:45pm	4	X	X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	9/19/25 1423	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 26.1 °C
Comments: JRB #1

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3157 ALWA01
Client Name : Always Available Construct
Client Contact : MIchael Roth
Invoice Name : Always Available Construct
Invoice Contact : MIchael Roth

Order Date : 9/19/2025 2:22:59 PM
Project Name : Yard Soil Cleanup
Receive DateTime : 9/19/2025 2:23:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3157-01	20-DEAD-1	Solid	09/19/2025	13:45					
					VOC-TCLVOA-10	TCL+30/TAL	8260D		10 Bus. Days
Q3157-03	TB	Water	09/19/2025	13:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3157-04	~~TB~~	Water	09/19/2025	13:45					
					~~TCLP VOA~~		8260D		10 Bus. Days

Relinguished By : [signature]
Date / Time : 9/19/25 1446

Received By : Sam
Date / Time : 09/19/25 14:46
Storage Area : VOA Refridgerator Room

Rg H 6
FZ 2
Rg 4