

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
 Data File : BG064386.D
 Acq On : 16 Sep 2025 15:23
 Operator : RC/JU
 Sample : Q3084-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PMW-9D(20250909)

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/17/2025
 Supervised By :Jagrut Upadhyay 09/17/2025

Quant Time: Sep 16 15:58:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 12 11:06:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	19841	20.000	ng/u1	0.00
20) Naphthalene-d8	10.639	136	88950	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.470	164	63243	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.208	188	138647m	20.000	ng/u1	0.00
79) Chrysene-d12	21.432	240	143694	20.000	ng/u1	0.00
88) Perylene-d12	24.429	264	162817	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	2217m	5.870	ng/uL	0.00
4) Pyridine-d5	3.723	84	13956	12.665	ng/u1	0.00
7) Phenol-d5	7.008	99	15981	9.854	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.178	67	32450	38.343	ng/u1	0.00
11) 2-Chlorophenol-d4	7.378	132	39194	30.217	ng/u1	0.00
15) 4-Methylphenol-d8	8.547	113	35290	23.916	ng/u1	0.00
21) Nitrobenzene-d5	8.994	128	24762	35.477	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	31581	37.094	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	53905	34.050	ng/u1	0.00
31) 4-Chloroaniline-d4	10.762	131	67599	31.586	ng/u1	0.00
46) Dimethylphthalate-d6	13.876	166	231957	41.154	ng/u1	0.00
49) Acenaphthylene-d8	14.158	160	217019	39.851	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	4936	5.589	ng/u1	0.00
60) Fluorene-d10	15.463	176	188622	41.247	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	43060m	43.540	ng/u1	0.00
73) Anthracene-d10	17.308	188	317623m	45.924	ng/u1	0.00
81) Pyrene-d10	19.593	212	366973	45.340	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.229	264	407378	48.546	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.347	88	1423	3.370	ng/uL#	65
29) 2,4-Dichlorophenol	10.322	162	7134m	4.939	ng/u1	
39) 1,2,4,5-Tetrachloroben...	12.660	216	9803	4.891	ng/u1#	96
42) 2,4,5-Trichlorophenol	12.971	196	11652	8.484	ng/u1	87
75) 1,2,3,4-Tetrachloroben...	13.265	216	21092	11.227	ng/u1	97

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

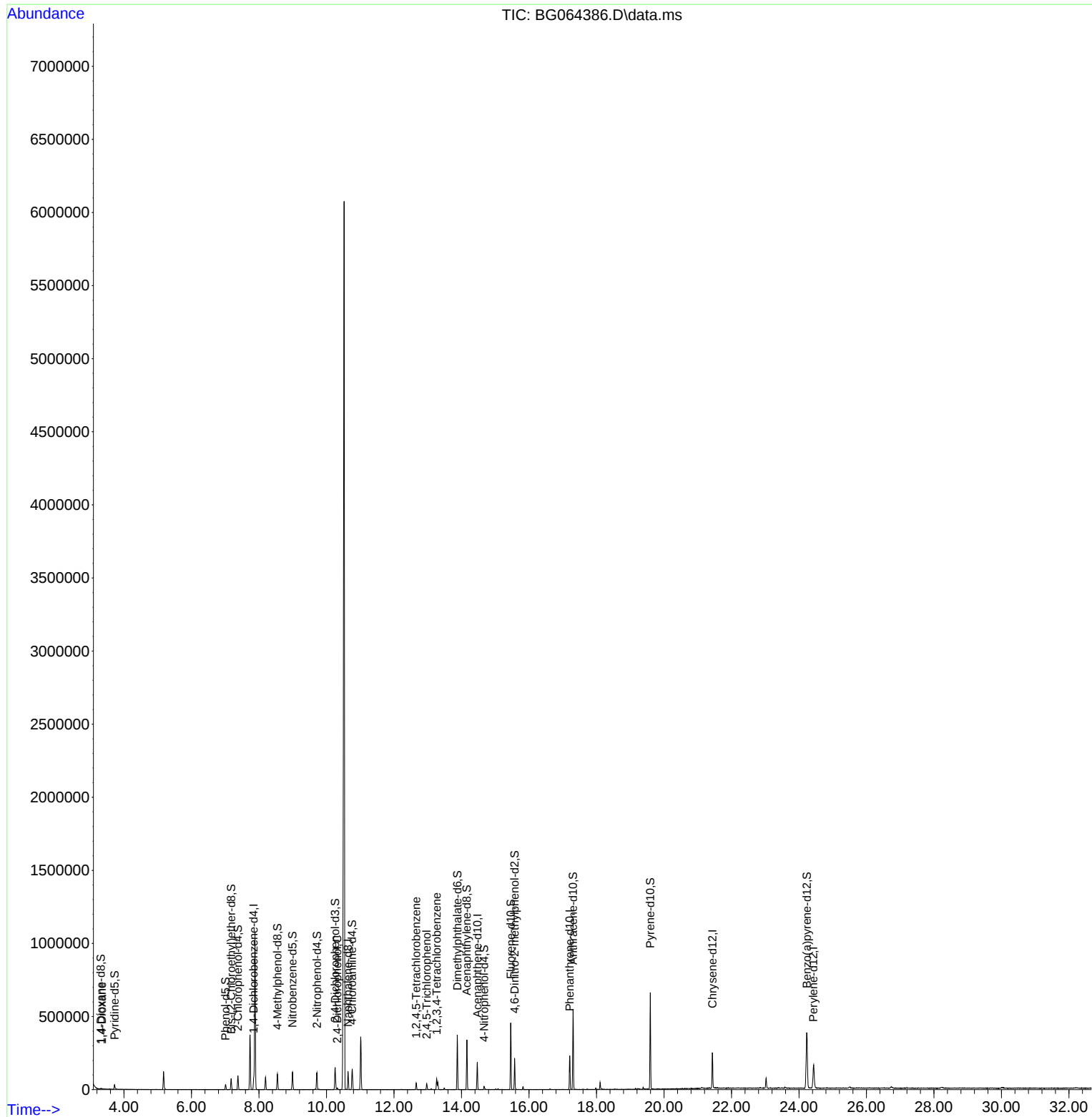
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064386.D
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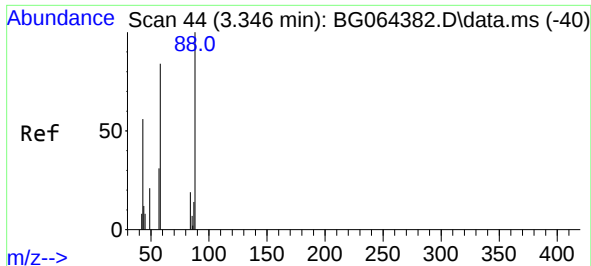
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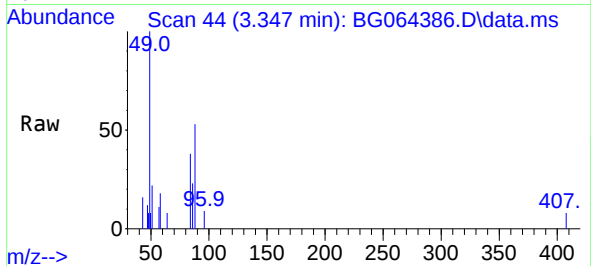
Quant Time: Sep 16 15:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration





#2
 1,4-Dioxane
 Concen: 3.370 ng/uL
 RT: 3.347 min Scan# 44
 Delta R.T. -0.001 min
 Lab File: BG064386.D
 Acq: 16 Sep 2025 15:23

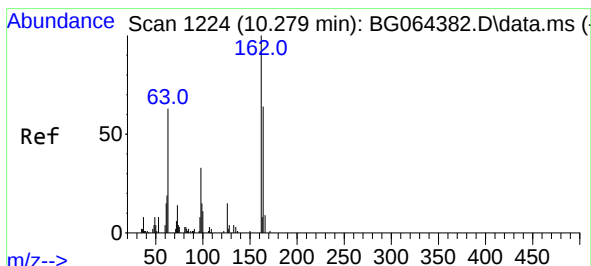
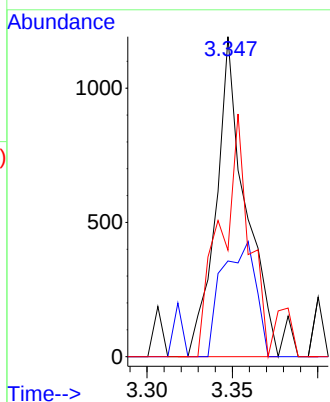
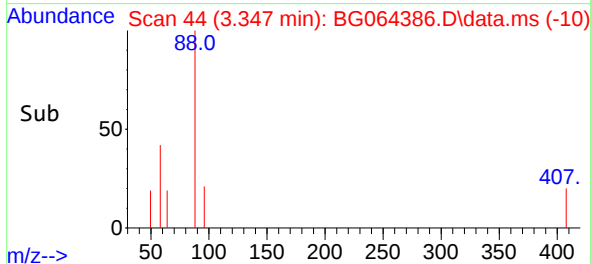
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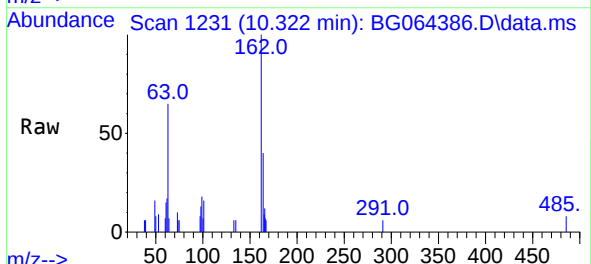
Tgt Ion: 88 Resp: 142
 Ion Ratio Lower Upper
 88 100
 43 29.9 30.0 45.0#
 58 33.2 58.2 87.2#

Manual Integrations
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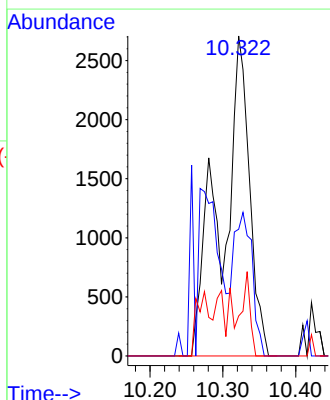
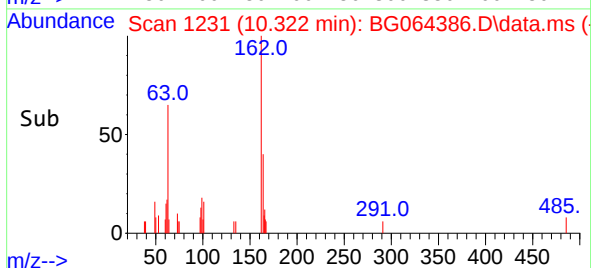
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 Supervised By :Jagrut Upadhyay 09/17/2025

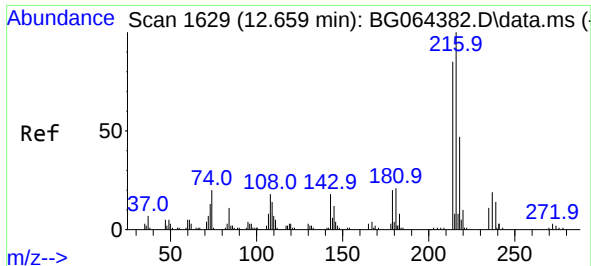


#29
 2,4-Dichlorophenol
 Concen: 4.939 ng/uL m
 RT: 10.322 min Scan# 1231
 Delta R.T. 0.040 min
 Lab File: BG064386.D
 Acq: 16 Sep 2025 15:23



Tgt Ion:162 Resp: 7134
 Ion Ratio Lower Upper
 162 100
 164 39.6 49.8 74.8#
 98 12.5 31.0 46.6#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.891 ng/ul

RT: 12.660 min Scan# 1629

Delta R.T. -0.001 min

Lab File: BG064386.D

Acq: 16 Sep 2025 15:23

Instrument :

BNA_G

ClientSampleId :

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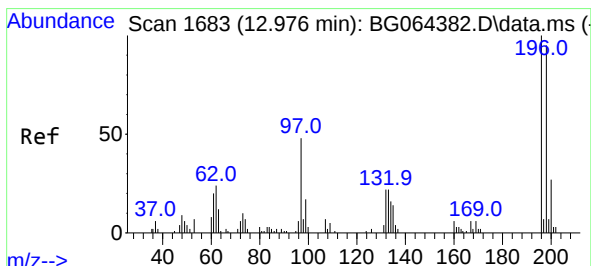
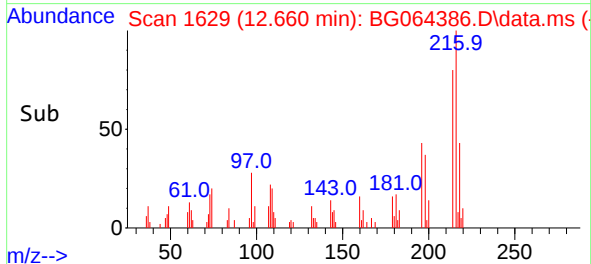
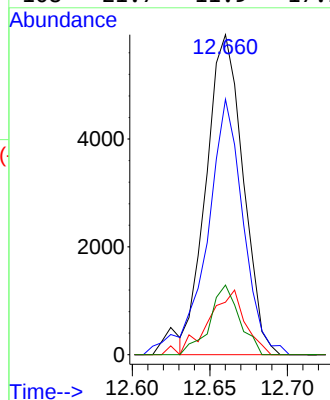
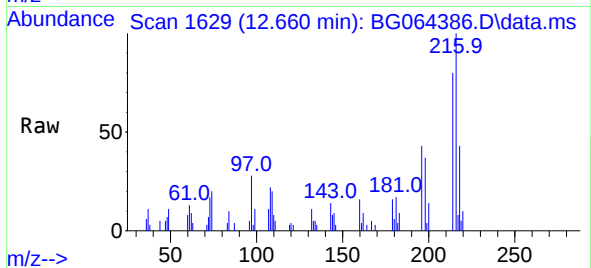
Tgt Ion:	216	Resp:	980
Ion Ratio	Lower	Upper	
216	100		
214	79.8	64.4	96.6
179	16.4	16.4	24.6
108	21.7	11.9	17.9#

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#42

2,4,5-Trichlorophenol

Concen: 8.484 ng/ul

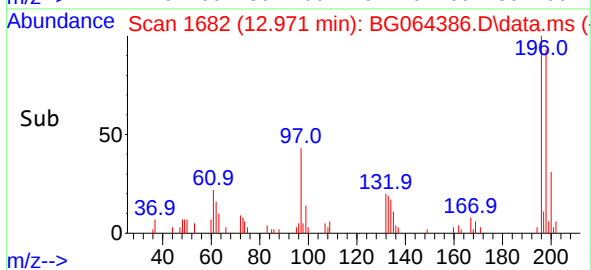
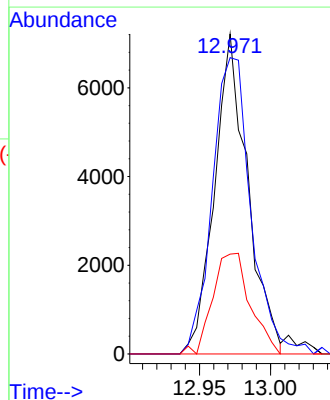
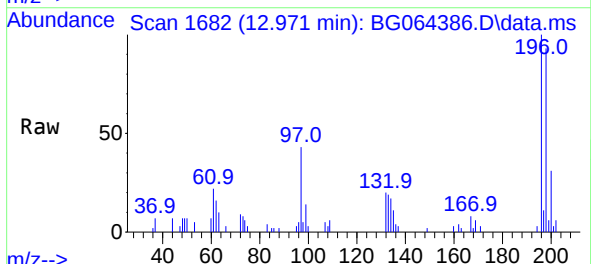
RT: 12.971 min Scan# 1682

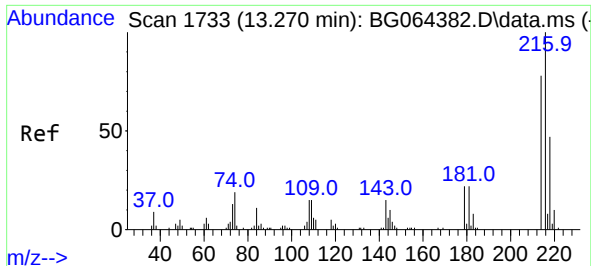
Delta R.T. -0.007 min

Lab File: BG064386.D

Acq: 16 Sep 2025 15:23

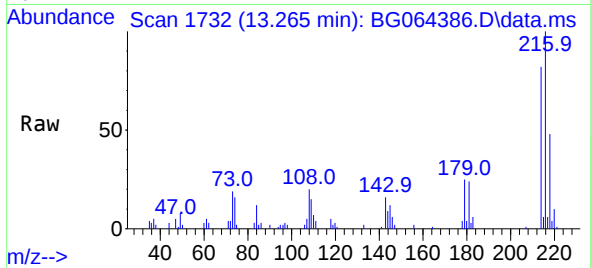
Tgt Ion:	196	Resp:	11652
Ion Ratio	Lower	Upper	
196	100		
198	92.6	85.4	128.0
200	31.2	30.5	45.7





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 11.227 ng/ul
 RT: 13.265 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: BG064386.D
 Acq: 16 Sep 2025 15:23

Instrument :
 BNA_G
 ClientSampleId :
 PMW-9D(20250909)



Tgt Ion:216 Resp: 21092
 Ion Ratio Lower Upper
 216 100
 214 81.9 62.6 94.0
 218 48.0 38.2 57.4

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