

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062969.D
 Acq On : 20 Sep 2024 8:39
 Operator : JU/RC
 Sample : P3898-20ME
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC59ME

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 09:15:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	41887	20.000	ng/u1	# 0.00
20) Naphthalene-d8	10.644	136	150930	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	119607	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.242	188	283958m	20.000	ng/u1	0.00
79) Chrysene-d12	21.485	240	296415	20.000	ng/u1	# 0.00
88) Perylene-d12	24.528	264	357982	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3442	2.407	ng/uL	0.00
4) Pyridine-d5	3.741	84	43001	11.076	ng/u1	0.00
7) Phenol-d5	7.031	99	70229	16.158	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	36010	14.805	ng/u1	0.00
11) 2-Chlorophenol-d4	7.395	132	48151	16.874	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	51411	16.147	ng/u1	0.00
21) Nitrobenzene-d5	9.011	128	23990	19.952	ng/u1	0.00
24) 2-Nitrophenol-d4	9.728	143	28312	20.755	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	54488	19.252	ng/u1	0.00
31) 4-Chloroaniline-d4	10.779	131	62006	17.604	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	159318	17.912	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	179105	18.029	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	23485	16.477	ng/u1	0.00
60) Fluorene-d10	15.480	176	155011	18.717	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	30672m	17.869	ng/u1	0.00
73) Anthracene-d10	17.336	188	245283	18.277	ng/u1	0.00
81) Pyrene-d10	19.634	212	316853	17.649	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.316	264	339115	17.962	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.691	128	35883	4.282	ng/u1#	92
36) 2-Methylnaphthalene	12.307	142	49727	8.234	ng/u1	97
37) 1-Methylnaphthalene	12.524	142	29277	4.790	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.121	232	145086	58.101	ng/u1#	91
71) Pentachlorophenol	16.913	266	1640208	789.151	ng/u1	93

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

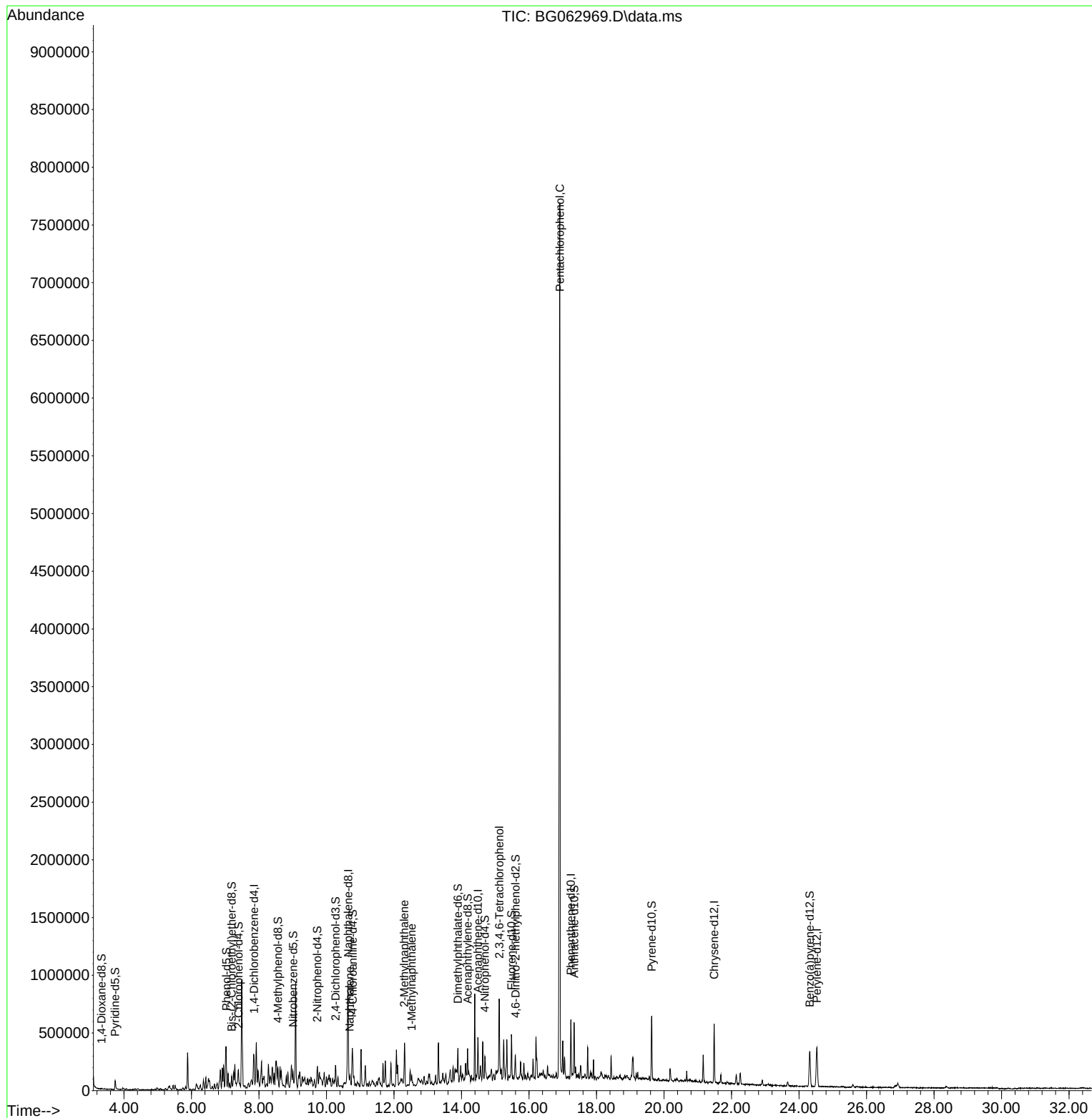
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
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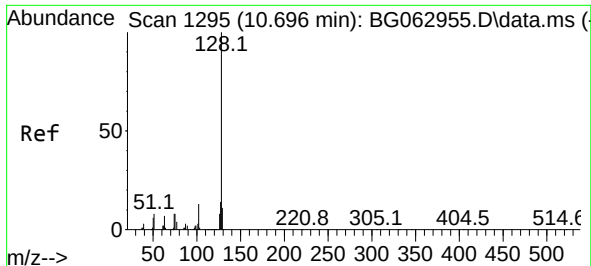
Instrument :
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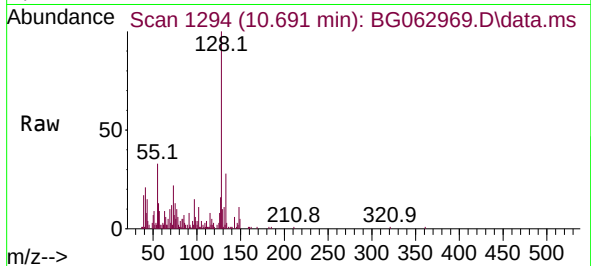
Quant Time: Sep 20 09:15:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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#30
Naphthalene
Concen: 4.282 ng/ul
RT: 10.691 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BG062969.D
Acq: 20 Sep 2024 8:39

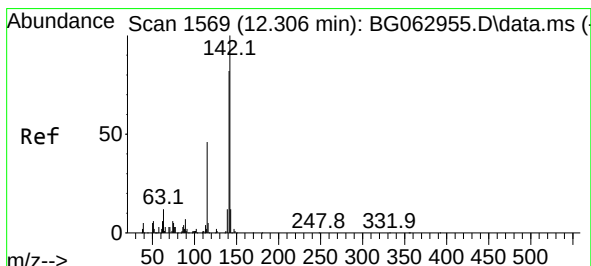
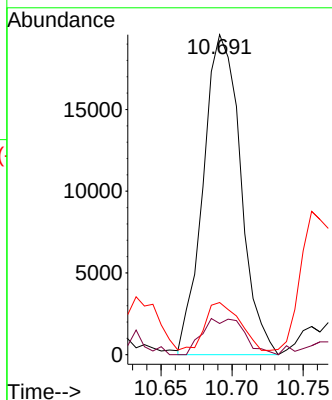
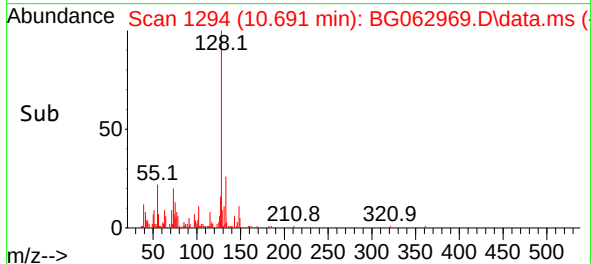
Instrument :
BNA_G
ClientSampleId :
DDC59ME



Tgt Ion:128 Resp: 3588
Ion Ratio Lower Upper
128 100
129 9.8 7.1 10.7
127 16.3 9.4 14.2

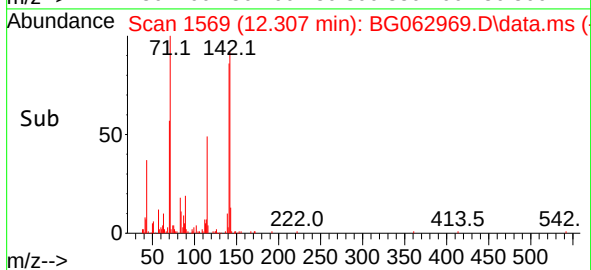
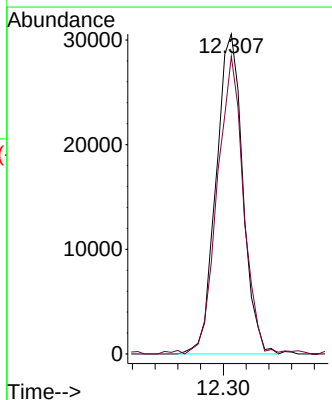
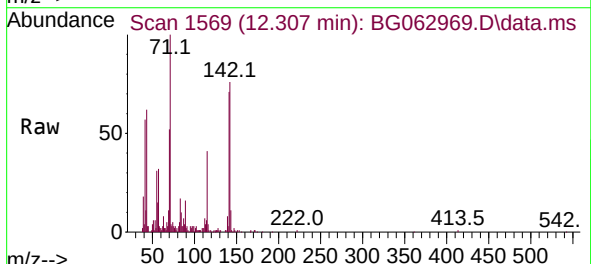
Manual Integrations
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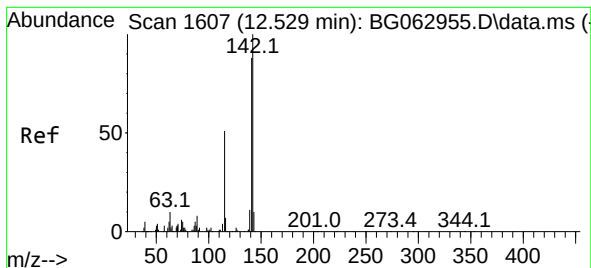
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024



#36
2-Methylnaphthalene
Concen: 8.234 ng/ul
RT: 12.307 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BG062969.D
Acq: 20 Sep 2024 8:39

Tgt Ion:142 Resp: 49727
Ion Ratio Lower Upper
142 100
141 93.1 76.5 114.7





#37

1-Methylnaphthalene

Concen: 4.790 ng/ul

RT: 12.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG062969.D

Acq: 20 Sep 2024 8:39

Instrument :

BNA_G

ClientSampleId :

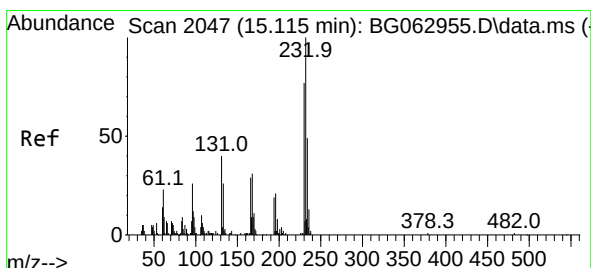
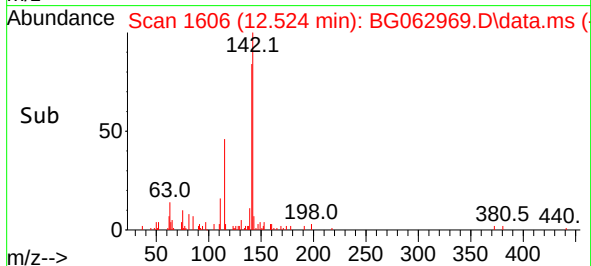
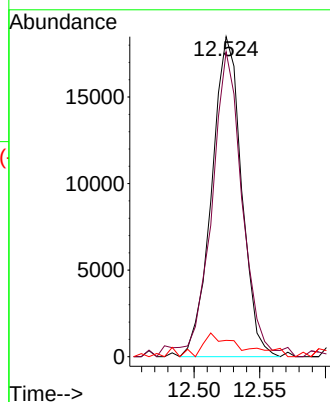
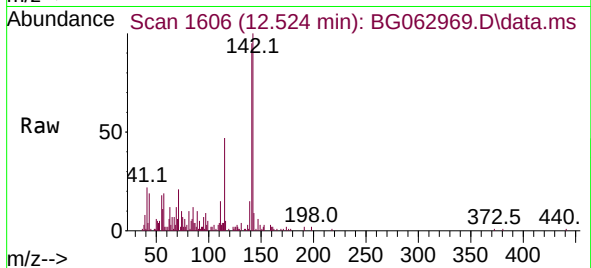
DDC59ME

Tgt Ion:	142	Resp:	2927
Ion Ratio	Lower	Upper	
142	100		
141	95.3	74.1	111.1
116	5.1	3.6	5.4

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 58.101 ng/ul

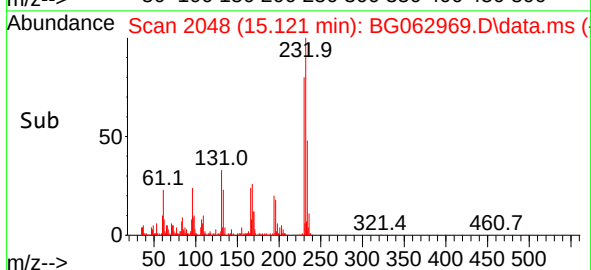
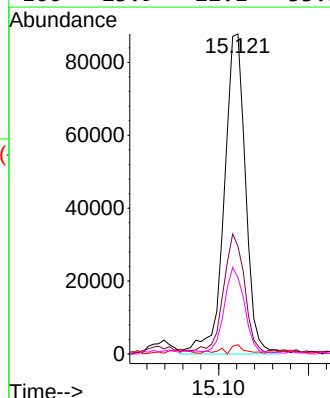
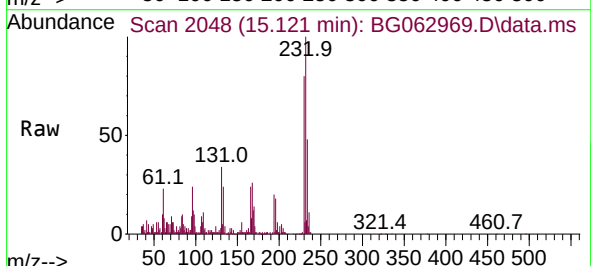
RT: 15.121 min Scan# 2048

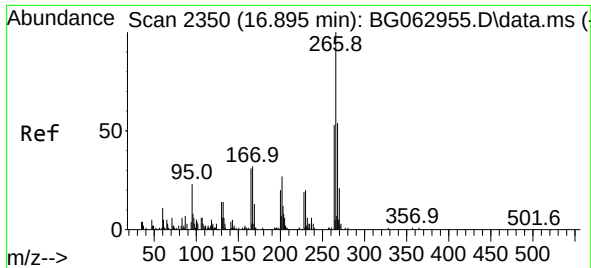
Delta R.T. 0.006 min

Lab File: BG062969.D

Acq: 20 Sep 2024 8:39

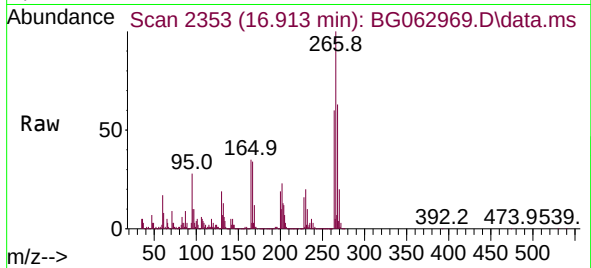
Tgt Ion:	232	Resp:	145086
Ion Ratio	Lower	Upper	
232	100		
131	33.6	31.9	47.9
130	2.9	1.9	2.9#
166	23.9	22.1	33.1





#71
 Pentachlorophenol
 Concen: 789.151 ng/ul
 RT: 16.913 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BG062969.D
 Acq: 20 Sep 2024 8:39

Instrument :
 BNA_G
 ClientSampleId :
 DDC59ME



Tgt Ion:266 Resp: 1640208
 Ion Ratio Lower Upper
 266 100
 264 60.2 43.0 64.4
 268 63.1 47.2 70.8

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