

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062810.D
 Acq On : 14 Sep 2024 14:05
 Operator : JU/RC
 Sample : P3898-09DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC60DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 14 23:46:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.903	152	47988	20.000	ng/u1	0.00
20) Naphthalene-d8	10.694	136	184258	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.531	164	154907	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	394039	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	423119	20.000	ng/u1	0.00
88) Perylene-d12	24.584	264	479889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.075	99	9879	2.348	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.227	67	7674	3.042	ng/u1	0.00
11) 2-Chlorophenol-d4	7.433	132	7647	2.495	ng/u1	0.00
15) 4-Methylphenol-d8	8.614	113	4509	1.286	ng/u1	0.00
21) Nitrobenzene-d5	9.055	128	2566	1.948	ng/u1	0.00
24) 2-Nitrophenol-d4	9.777	143	4422	3.070	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.318	165	7968	2.540	ng/u1	0.00
31) 4-Chloroaniline-d4	10.811	131	12949	3.003	ng/u1	-0.02
46) Dimethylphthalate-d6	13.931	166	30192	2.531	ng/u1	0.00
49) Acenaphthylene-d8	14.225	160	33863	2.556	ng/u1	0.00
54) 4-Nitrophenol-d4	14.742	143	5814	2.869	ng/u1	0.00
60) Fluorene-d10	15.524	176	28295	2.632	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.380	188	48075m	2.585	ng/u1	0.00
81) Pyrene-d10	19.666	212	61026	2.563	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.372	264	62679	2.474	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.747	128	81766	8.276	ng/u1	97
36) 2-Methylnaphthalene	12.357	142	136993	18.788	ng/u1	97
37) 1-Methylnaphthalene	12.574	142	84560	11.322	ng/u1	95
43) 1,1'-Biphenyl	13.367	154	16506	1.515	ng/u1#	94
58) 2,3,4,6-Tetrachlorophenol	15.159	232	328134	93.491	ng/u1#	98
61) Fluorene	15.576	166	14001	1.211	ng/u1#	88
71) Pentachlorophenol	16.963	266	3237214	1045.418	ng/u1	92
72) Phenanthrene	17.321	178	73024	3.564	ng/u1	97

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

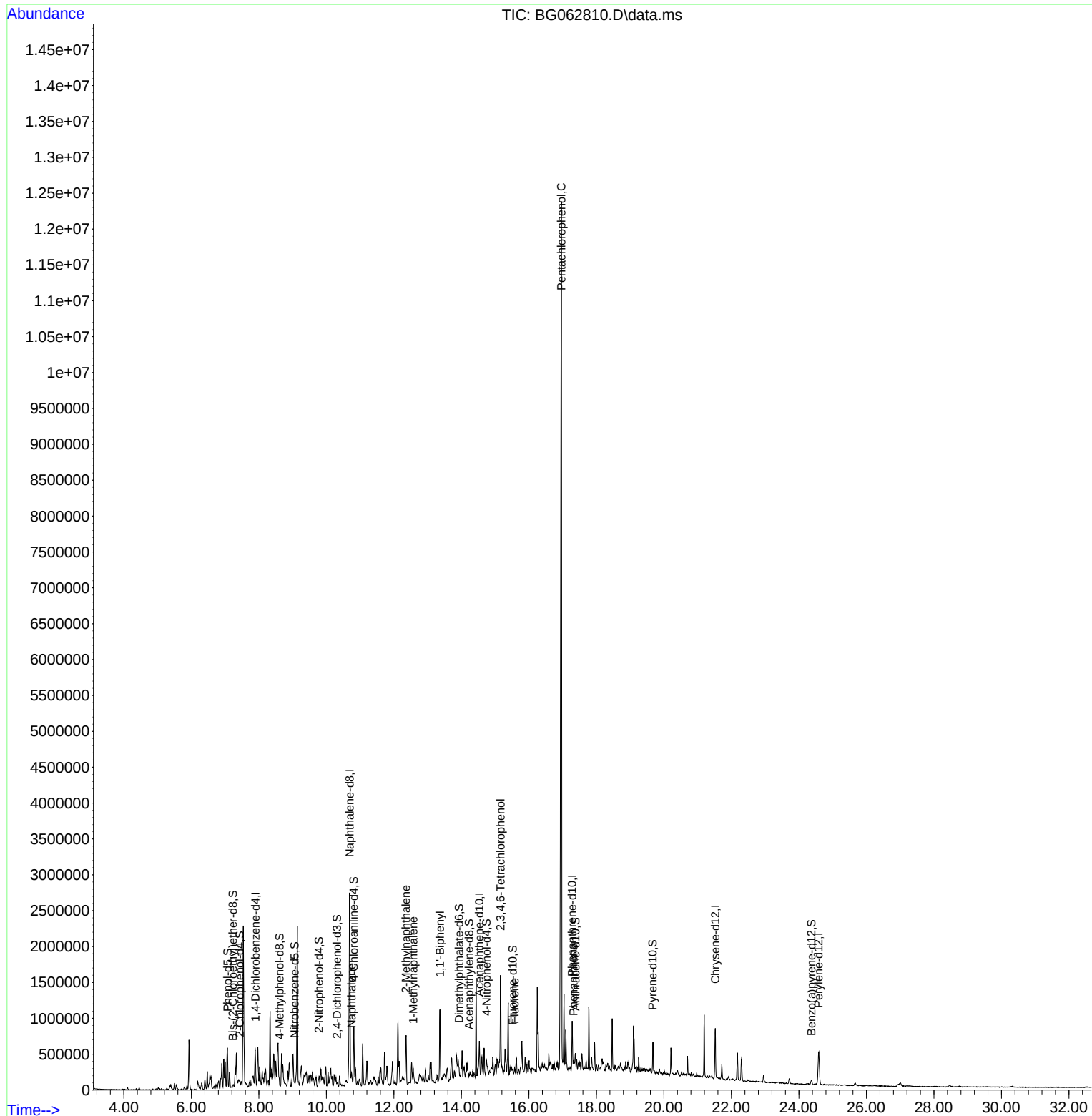
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062810.D
Acq On : 14 Sep 2024 14:05
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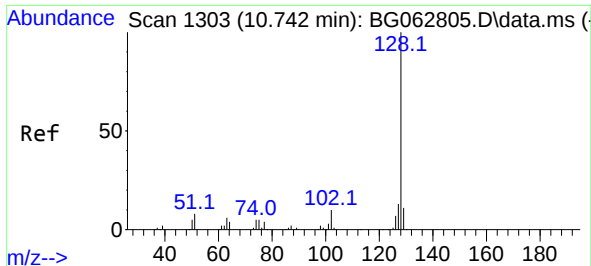
Instrument :
BNA_G
ClientSampleId :
DDC60DL

Quant Time: Sep 14 23:46:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

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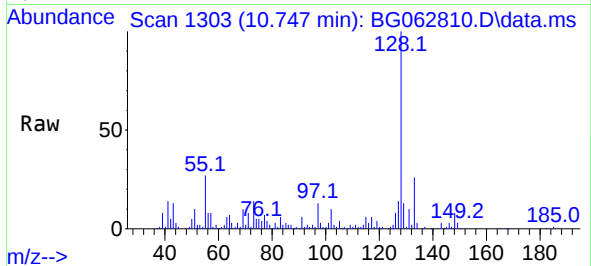
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024





#30
Naphthalene
Concen: 8.276 ng/ul
RT: 10.747 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG062810.D
Acq: 14 Sep 2024 14:05

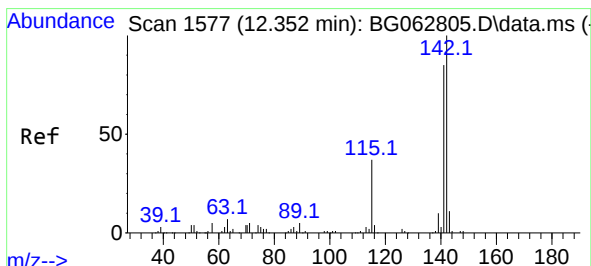
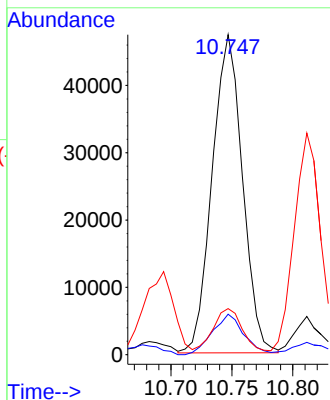
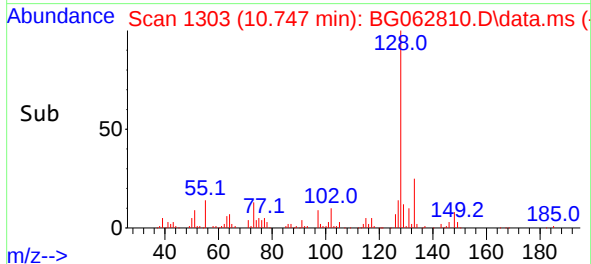
Instrument :
BNA_G
ClientSampleId :
DDC60DL



Tgt Ion:128 Resp: 81760
Ion Ratio Lower Upper
128 100
129 12.7 9.0 13.6
127 14.4 10.7 16.1

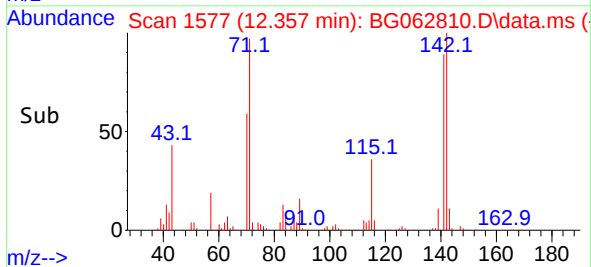
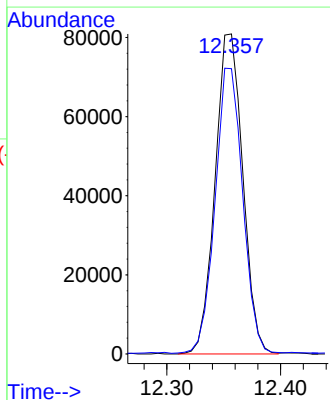
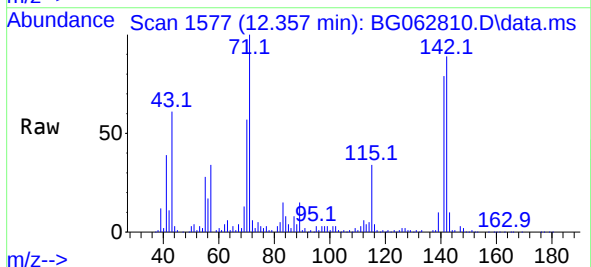
Manual Integrations
APPROVED

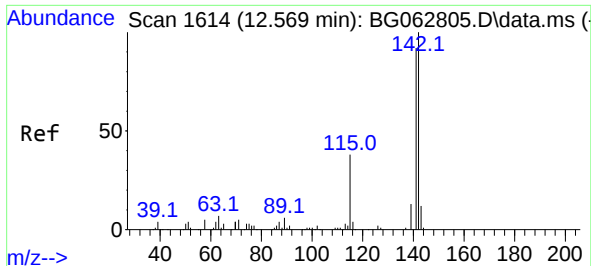
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



#36
2-Methylnaphthalene
Concen: 18.788 ng/ul
RT: 12.357 min Scan# 1577
Delta R.T. -0.002 min
Lab File: BG062810.D
Acq: 14 Sep 2024 14:05

Tgt Ion:142 Resp: 136993
Ion Ratio Lower Upper
142 100
141 89.1 73.4 110.2





#37

1-Methylnaphthalene

Concen: 11.322 ng/uI

RT: 12.574 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062810.D

Acq: 14 Sep 2024 14:05

Instrument :

BNA_G

ClientSampleId :

DDC60DL

Tgt Ion:142 Resp: 84560

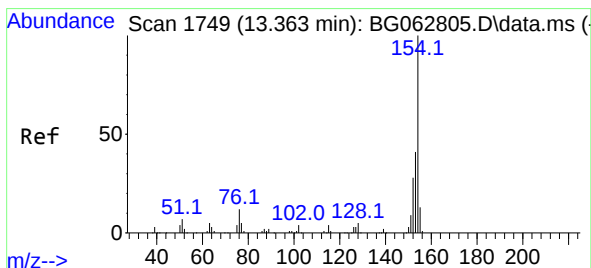
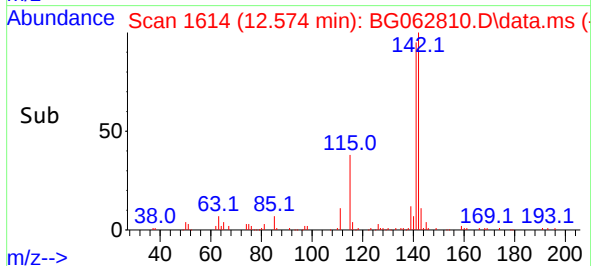
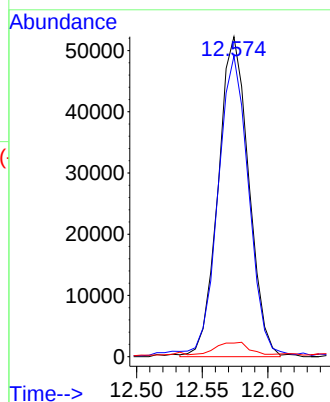
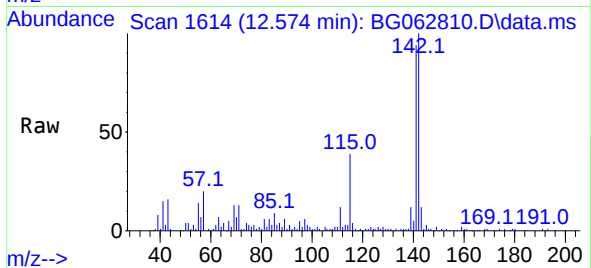
Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.1	106.7
116	4.3	3.0	4.6

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 1.515 ng/uI

RT: 13.367 min Scan# 1749

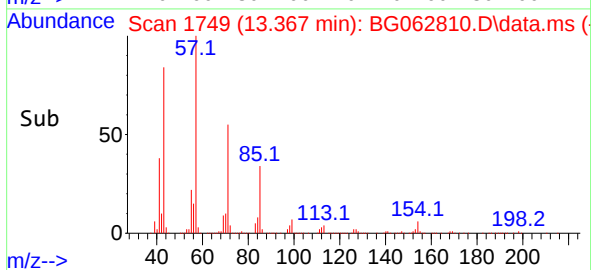
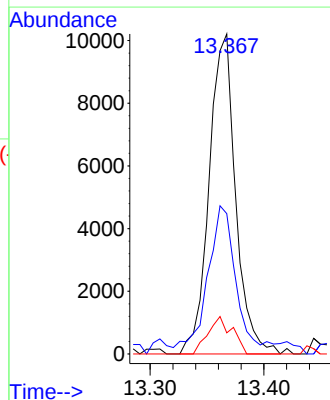
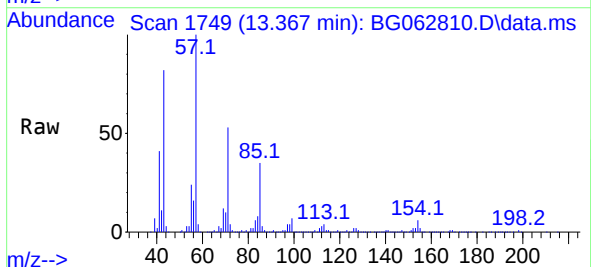
Delta R.T. 0.004 min

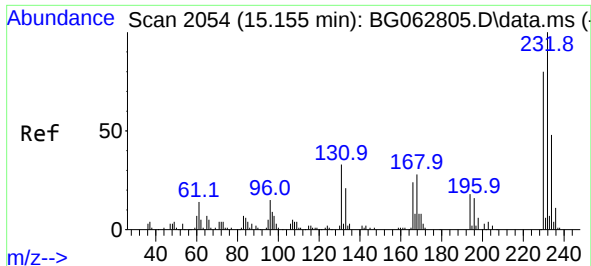
Lab File: BG062810.D

Acq: 14 Sep 2024 14:05

Tgt Ion:154 Resp: 16506

Ion	Ratio	Lower	Upper
154	100		
153	43.9	33.4	50.0
76	6.6	10.1	15.1#





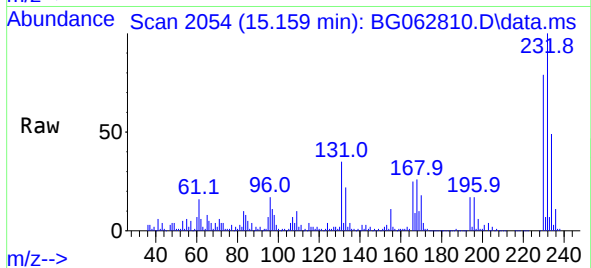
#58
2,3,4,6-Tetrachlorophenol
Concen: 93.491 ng/ul
RT: 15.159 min Scan# 2054
Delta R.T. 0.004 min
Lab File: BG062810.D
Acq: 14 Sep 2024 14:05

Instrument :

BNA_G

ClientSampleId :

DDC60DL



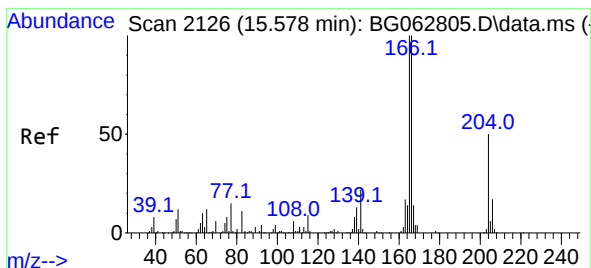
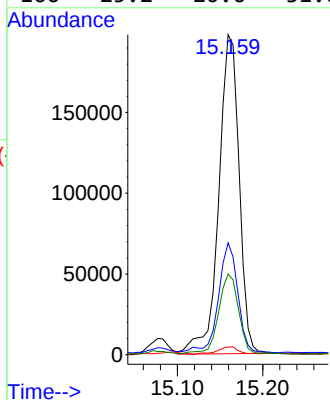
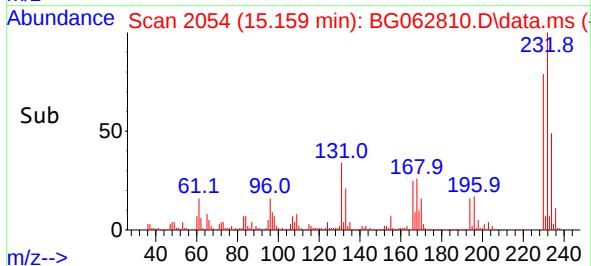
Tgt Ion:232 Resp: 328134
Ion Ratio Lower Upper
232 100
131 35.0 26.6 40.0
130 2.4 1.6 2.4
166 25.2 20.6 31.0

Manual Integrations

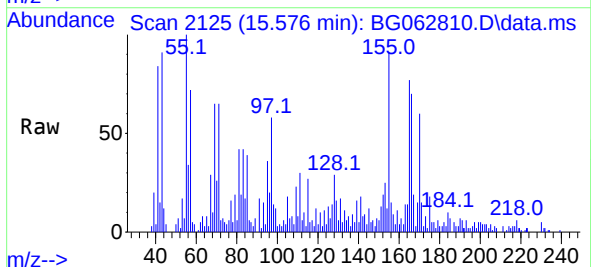
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

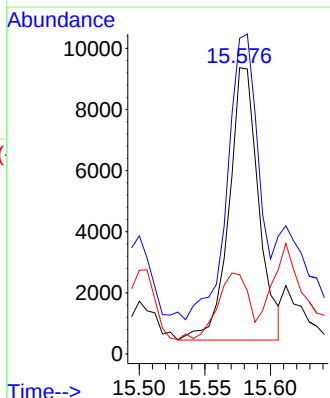
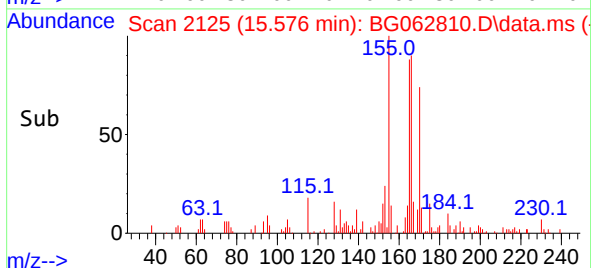
Supervised By :mohammad ahmed 09/17/2024

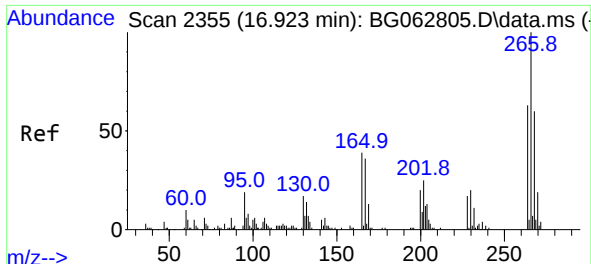


#61
Fluorene
Concen: 1.211 ng/ul
RT: 15.576 min Scan# 2125
Delta R.T. -0.002 min
Lab File: BG062810.D
Acq: 14 Sep 2024 14:05



Tgt Ion:166 Resp: 14001
Ion Ratio Lower Upper
166 100
165 110.3 80.9 121.3
167 27.7 10.9 16.3





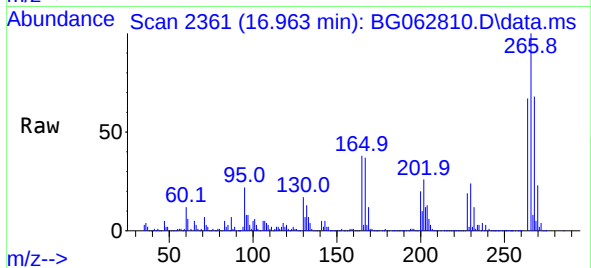
#71
Pentachlorophenol
Concen: 1045.418 ng/u1
RT: 16.963 min Scan# 21
Delta R.T. 0.033 min
Lab File: BG062810.D
Acq: 14 Sep 2024 14:05

Instrument :

BNA_G

ClientSampleId :

DDC60DL



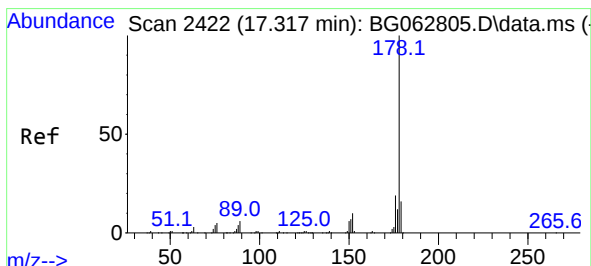
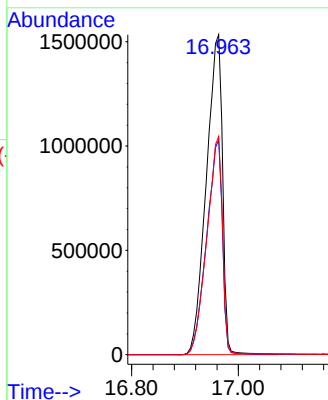
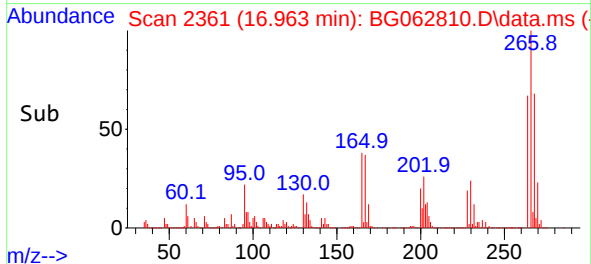
Tgt Ion:266 Resp: 3237214
Ion Ratio Lower Upper
266 100
264 67.1 48.6 72.8
268 68.2 49.5 74.3

Manual Integrations

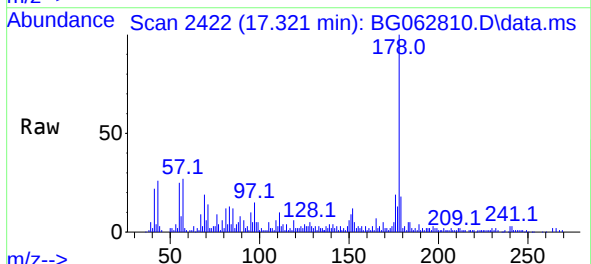
APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :mohammad ahmed 09/17/2024



#72
Phenanthrene
Concen: 3.564 ng/u1
RT: 17.321 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG062810.D
Acq: 14 Sep 2024 14:05



Tgt Ion:178 Resp: 73024
Ion Ratio Lower Upper
178 100
179 17.6 12.1 18.1
176 19.0 14.9 22.3

