

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062794.D
 Acq On : 13 Sep 2024 18:59
 Operator : JU/RC
 Sample : P3898-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC60

Manual Integrations
 APPROVED

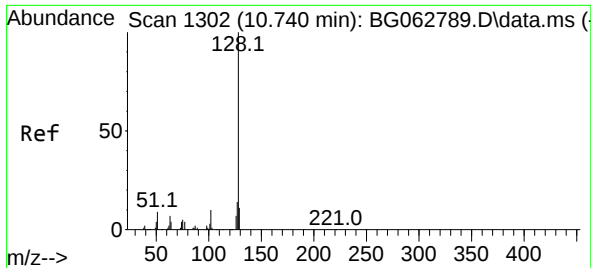
Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 14 00:06:14 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)

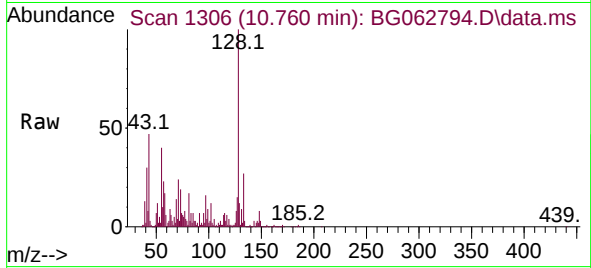
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	68402	20.000	ng/u1	0.01
20) Naphthalene-d8	10.708	136	229851	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.544	164	223205	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.323	188	467978	20.000	ng/u1	# 0.05
79) Chrysene-d12	21.524	240	491523	20.000	ng/u1	0.00
88) Perylene-d12	24.591	264	557839	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	5463	3.610	ng/uL	0.00
4) Pyridine-d5	3.769	84	27641	5.739	ng/u1	0.00
7) Phenol-d5	7.112	99	116724	19.460	ng/u1	0.04
9) Bis-(2-Chloroethyl)eth...	7.241	67	88756	24.681	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	85054	19.468	ng/u1	0.02
15) 4-Methylphenol-d8	8.639	113	70333	14.071	ng/u1	0.03
21) Nitrobenzene-d5	9.068	128	53811	32.756	ng/u1	0.01
24) 2-Nitrophenol-d4	9.785	143	51344	28.578	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.361	165	104353	26.671	ng/u1	0.04
31) 4-Chloroaniline-d4	10.825	131	143292	26.643	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	297524	17.310	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	359148	18.814	ng/u1	0.01
54) 4-Nitrophenol-d4	14.762	143	70011	23.977	ng/u1	0.03
60) Fluorene-d10	15.543	176	285349	18.423	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.655	200	54499m	20.246	ng/u1	0.01
73) Anthracene-d10	17.411	188	427785m	19.369	ng/u1	0.04
81) Pyrene-d10	19.673	212	509439	18.418	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.386	264	561693	19.069	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.760	128	829780	67.329	ng/u1	96
36) 2-Methylnaphthalene	12.376	142	1318911	145.003	ng/u1	97
37) 1-Methylnaphthalene	12.594	142	903859	97.011	ng/u1#	97
41) 2,4,6-Trichlorophenol	12.993	196	20357	4.380	ng/u1	95
42) 2,4,5-Trichlorophenol	13.069	196	24557	4.921	ng/u1	98
43) 1,1'-Biphenyl	13.375	154	154803	9.863	ng/u1	94
52) Acenaphthene	14.603	153	58121	4.071	ng/u1	87
58) 2,3,4,6-Tetrachlorophenol	15.196	232	3121690	617.272	ng/u1#	98
61) Fluorene	15.596	166	145100	8.710	ng/u1#	91
71) Pentachlorophenol	17.035	266	18656977m	5073.102	ng/u1	
72) Phenanthrene	17.359	178	646364	26.560	ng/u1#	95
80) Fluoranthene	19.344	202	52887	1.726	ng/u1#	63
82) Pyrene	19.709	202	80400	2.438	ng/u1#	85
86) Bis(2-ethylhexyl)phtha...	21.424	149	102947	7.142	ng/u1#	94

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



#30
Naphthalene
Concen: 67.329 ng/ul
RT: 10.760 min Scan# 11
Delta R.T. 0.011 min
Lab File: BG062794.D
Acq: 13 Sep 2024 18:59

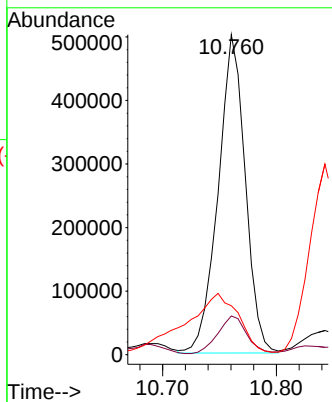
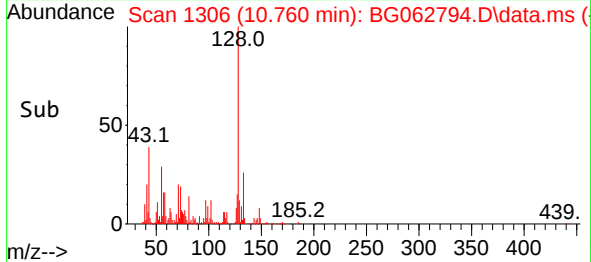
Instrument :
BNA_G
ClientSampleId :
DDC60



Tgt Ion:128 Resp: 829780
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 15.3 10.7 16.1

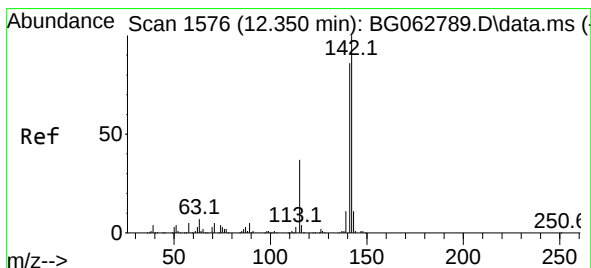
Manual Integrations
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Supervised By :mohammad ahmed 09/17/2024



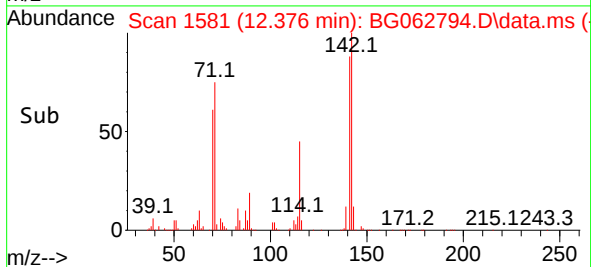
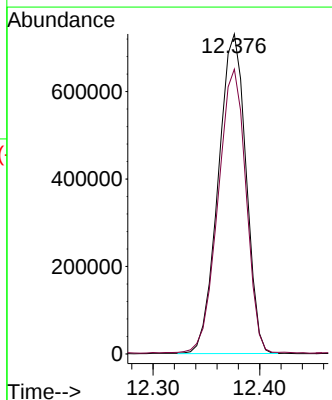
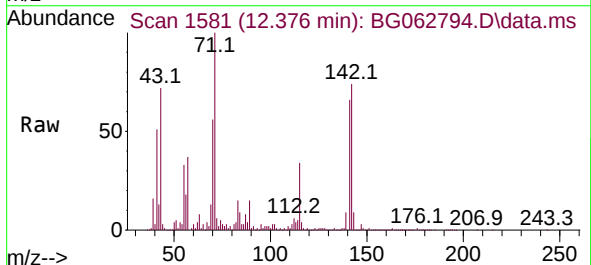
09/16/2024
Supervised By :mohammad
ahmed

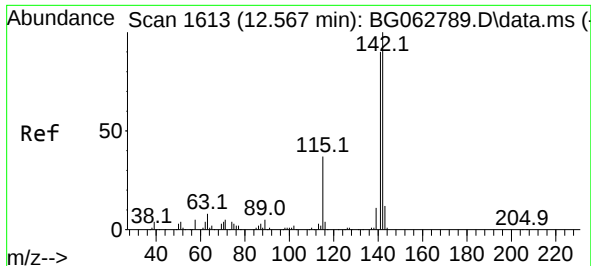
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#36
2-Methylnaphthalene
Concen: 145.003 ng/ul
RT: 12.376 min Scan# 1581
Delta R.T. 0.017 min
Lab File: BG062794.D
Acq: 13 Sep 2024 18:59

Tgt Ion:142 Resp: 1318911
Ion Ratio Lower Upper
142 100
141 89.0 73.4 110.2





#37

1-Methylnaphthalene

Concen: 97.011 ng/ul

RT: 12.594 min Scan# 1618

Delta R.T. 0.017 min

Lab File: BG062794.D

Acq: 13 Sep 2024 18:59

Instrument :

BNA_G

ClientSampleId :

DDC60

Tgt Ion:142 Resp: 90385

Ion Ratio Lower Upper

142 100

141 91.7 71.1 106.7

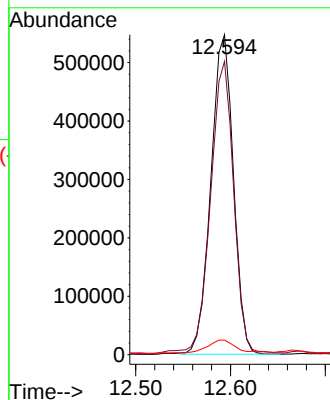
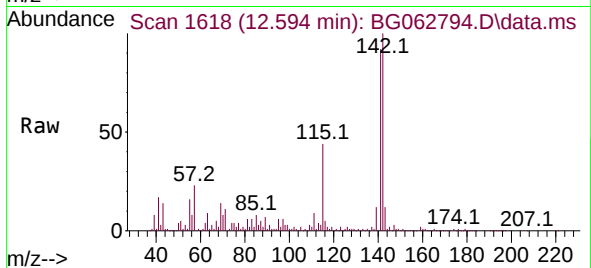
116 4.6 3.0 4.6

Manual Integrations

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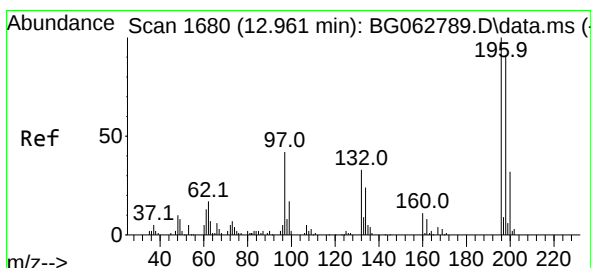
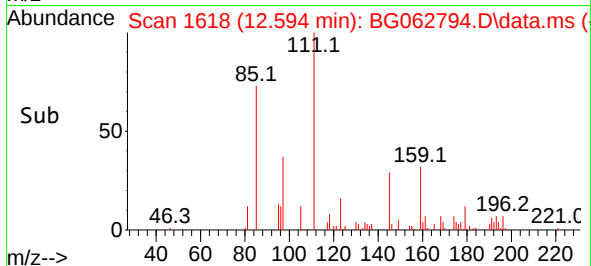
Supervised By :mohammad ahmed 09/17/2024



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ahmed

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#41

2,4,6-Trichlorophenol

Concen: 4.380 ng/ul

RT: 12.993 min Scan# 1686

Delta R.T. 0.029 min

Lab File: BG062794.D

Acq: 13 Sep 2024 18:59

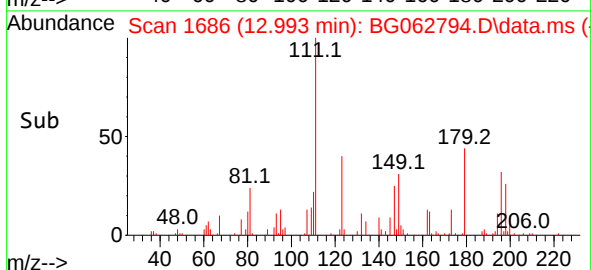
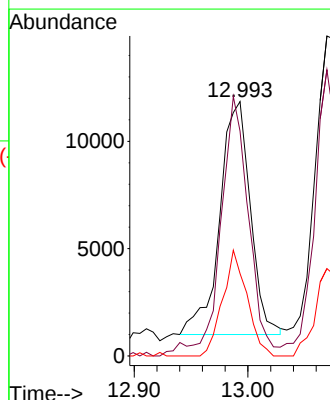
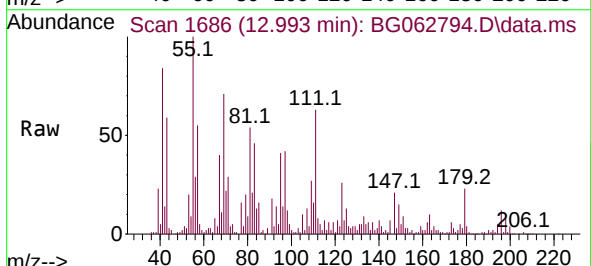
Tgt Ion:196 Resp: 20357

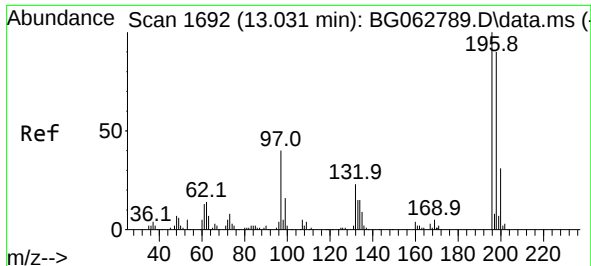
Ion Ratio Lower Upper

196 100

198 88.3 76.2 114.4

200 32.4 26.0 39.0





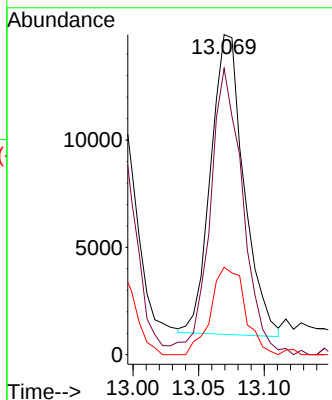
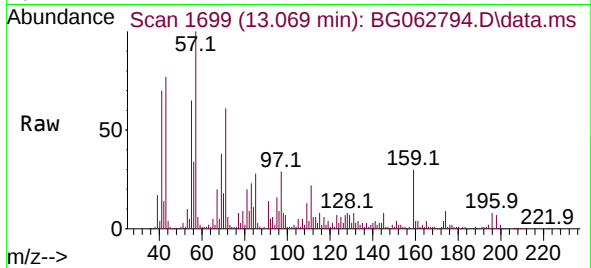
#42
2,4,5-Trichlorophenol
Concen: 4.921 ng/ul
RT: 13.069 min Scan# 1
Delta R.T. 0.029 min
Lab File: BG062794.D
Acq: 13 Sep 2024 18:59

Instrument :
BNA_G
ClientSampleId :
DDC60

Tgt Ion:196 Resp: 2455
Ion Ratio Lower Upper
196 100
198 89.4 71.2 106.8
200 27.3 24.6 37.0

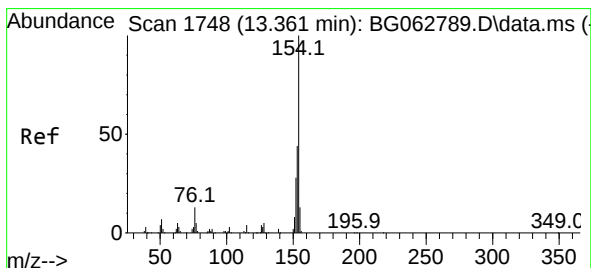
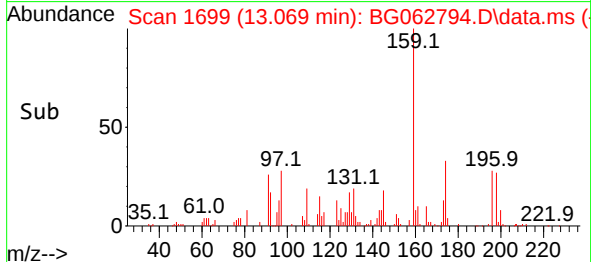
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Supervised By :mohammad ahmed 09/17/2024



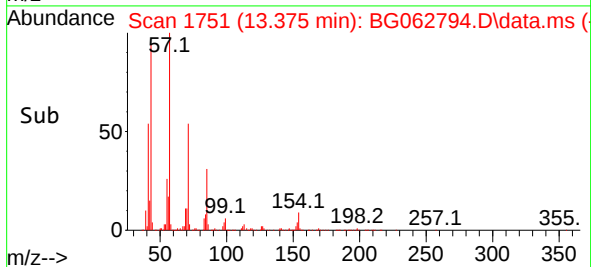
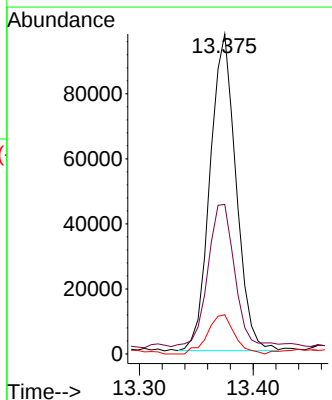
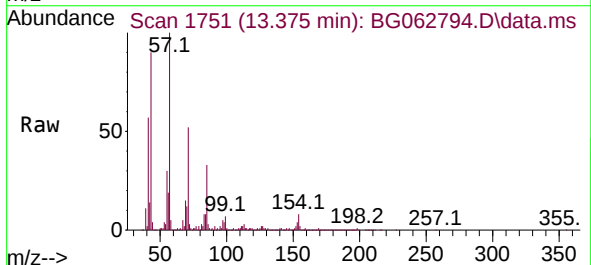
09/16/2024
Supervised By :mohammad
ahmed

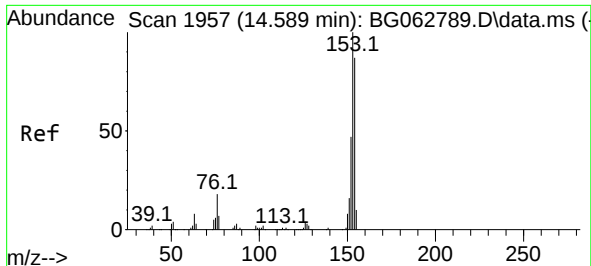
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#43
1,1'-Biphenyl
Concen: 9.863 ng/ul
RT: 13.375 min Scan# 1751
Delta R.T. 0.011 min
Lab File: BG062794.D
Acq: 13 Sep 2024 18:59

Tgt Ion:154 Resp: 154803
Ion Ratio Lower Upper
154 100
153 46.8 33.4 50.0
76 12.2 10.1 15.1





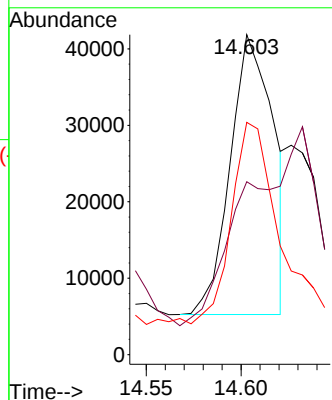
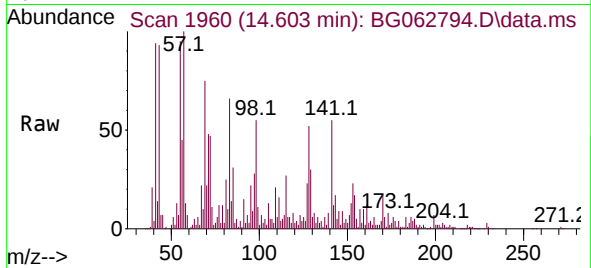
#52
Acenaphthene
Concen: 4.071 ng/u1
RT: 14.603 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BG062794.D
Acq: 13 Sep 2024 18:59

Instrument :
BNA_G
ClientSampleId :
DDC60

Tgt Ion:153 Resp: 5812
Ion Ratio Lower Upper
153 100
152 54.0 37.2 55.8
154 72.6 67.8 101.6

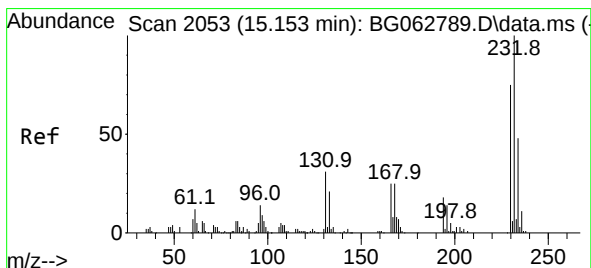
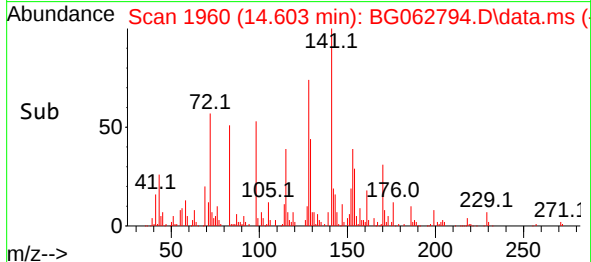
Manual Integrations
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Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



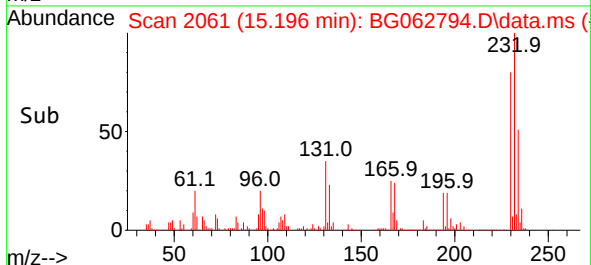
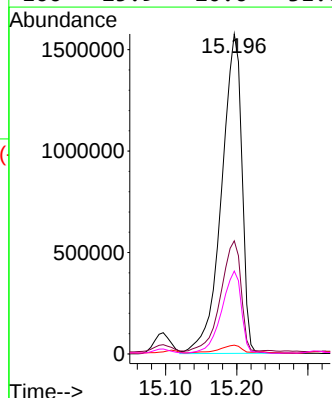
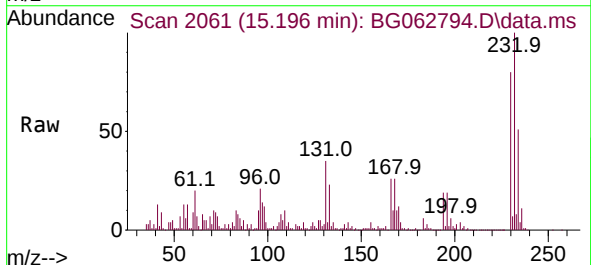
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Supervised By :mohammad
ahmed

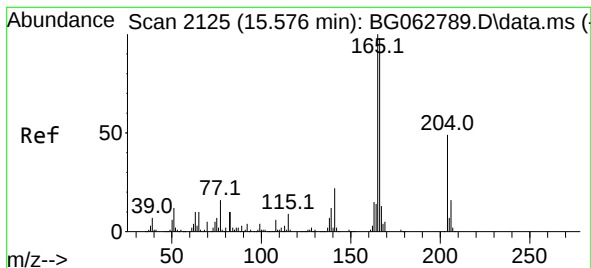
09/17/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 617.272 ng/u1
RT: 15.196 min Scan# 2061
Delta R.T. 0.041 min
Lab File: BG062794.D
Acq: 13 Sep 2024 18:59

Tgt Ion:232 Resp: 3121690
Ion Ratio Lower Upper
232 100
131 35.4 26.6 40.0
130 2.7 1.6 2.4#
166 25.9 20.6 31.0





#61

Fluorene

Concen: 8.710 ng/ul

RT: 15.596 min Scan# 2129

Delta R.T. 0.017 min

Lab File: BG062794.D

Acq: 13 Sep 2024 18:59

Instrument :

BNA_G

ClientSampleId :

DDC60

Tgt Ion:166 Resp: 145100

Ion Ratio Lower Upper

166 100

165 106.4 80.9 121.3

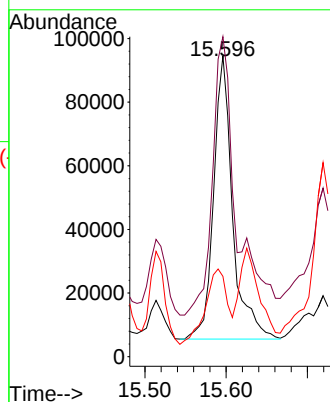
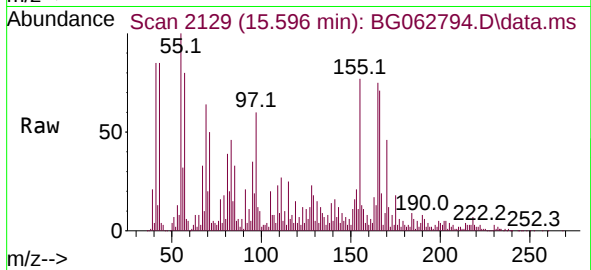
167 26.7 10.9 16.3

Manual Integrations

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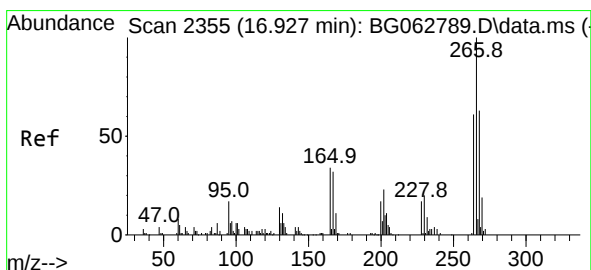
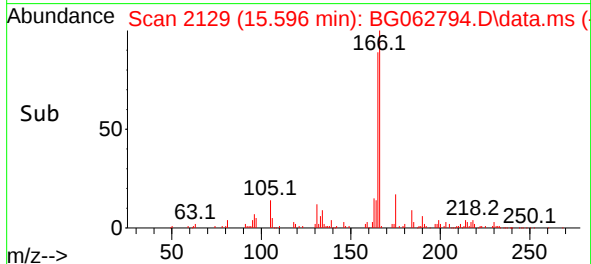
Supervised By :mohammad ahmed 09/17/2024



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Supervised By :mohammad
ahmed

09/17/2024



#71

Pentachlorophenol

Concen: 5073.102 ng/ul m

RT: 17.035 min Scan# 2374

Delta R.T. 0.105 min

Lab File: BG062794.D

Acq: 13 Sep 2024 18:59

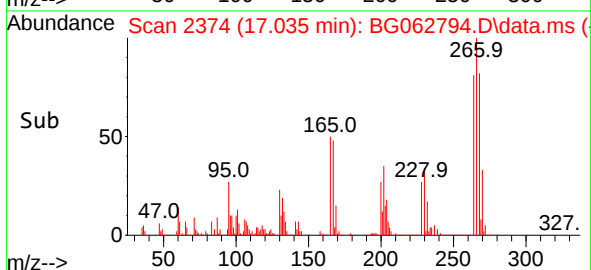
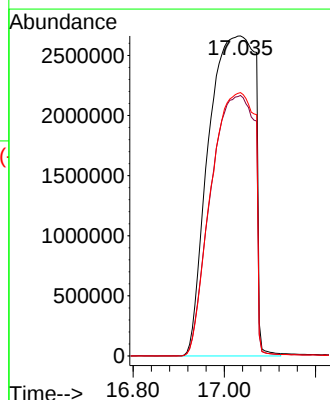
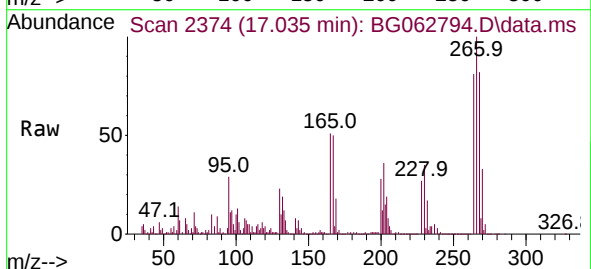
Tgt Ion:266 Resp:18656977

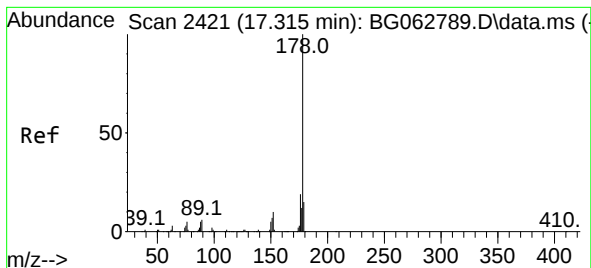
Ion Ratio Lower Upper

266 100

264 81.4 48.6 72.8#

268 82.3 49.5 74.3#





#72

Phenanthrene

Concen: 26.560 ng/u1

RT: 17.359 min Scan# 2421

Delta R.T. 0.035 min

Lab File: BG062794.D

Acq: 13 Sep 2024 18:59

Instrument :

BNA_G

ClientSampleId :

DDC60

Tgt Ion:178 Resp: 646364

Ion Ratio Lower Upper

178 100

179 18.5 12.1 18.1

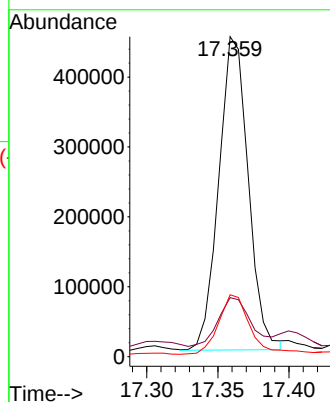
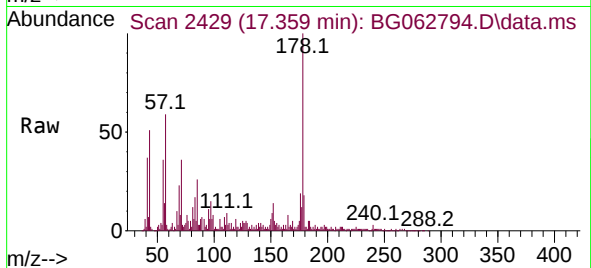
176 19.4 14.9 22.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

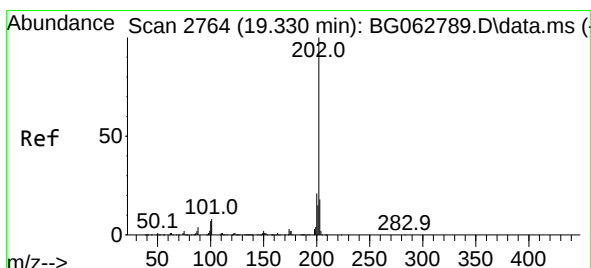
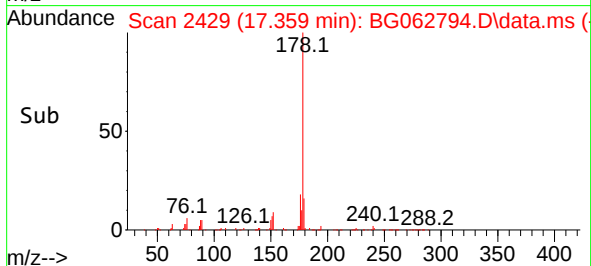
Supervised By :mohammad ahmed 09/17/2024



09/16/2024

Supervised By :mohammad
ahmed

09/17/2024



#80

Fluoranthene

Concen: 1.726 ng/u1

RT: 19.344 min Scan# 2767

Delta R.T. 0.011 min

Lab File: BG062794.D

Acq: 13 Sep 2024 18:59

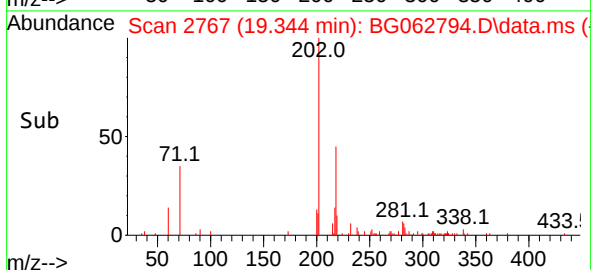
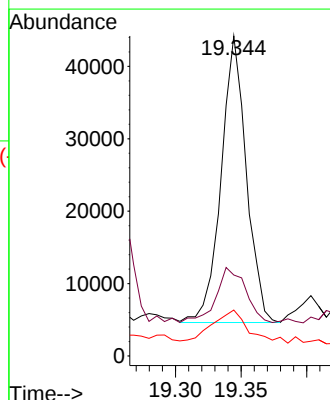
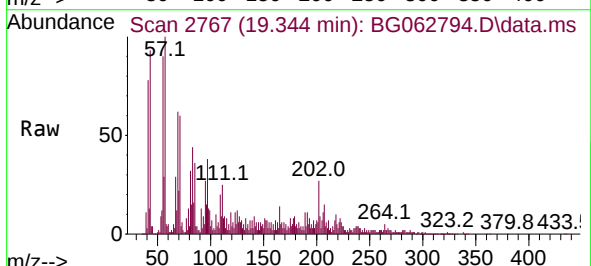
Tgt Ion:202 Resp: 52887

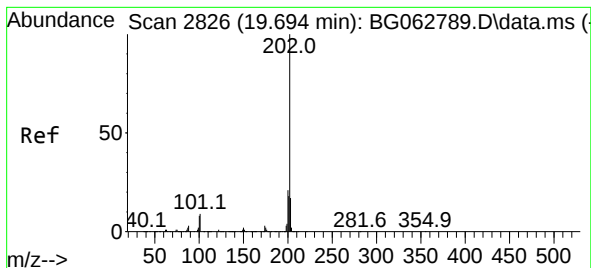
Ion Ratio Lower Upper

202 100

101 25.3 6.6 10.0#

100 14.3 5.3 7.9#





#82

Pyrene

Concen: 2.438 ng/ul

RT: 19.709 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG062794.D

Acq: 13 Sep 2024 18:59

Instrument :

BNA_G

ClientSampleId :

DDC60

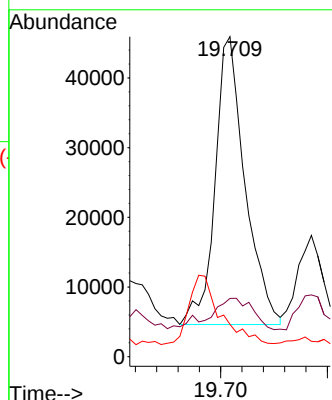
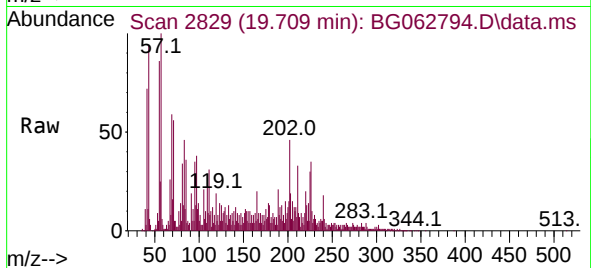
Tgt Ion:202	Resp:	80400
Ion Ratio	Lower	Upper
202	100	
101	18.2	7.7 11.5
100	10.1	6.5 9.7

Manual Integrations

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Reviewed By :Yogesh Patel 09/16/2024

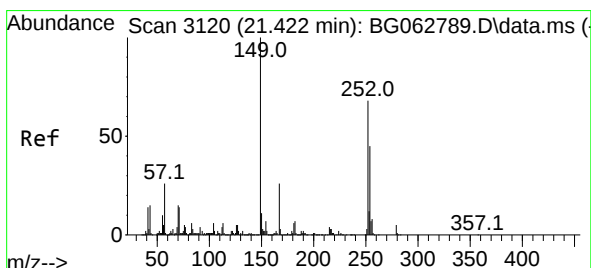
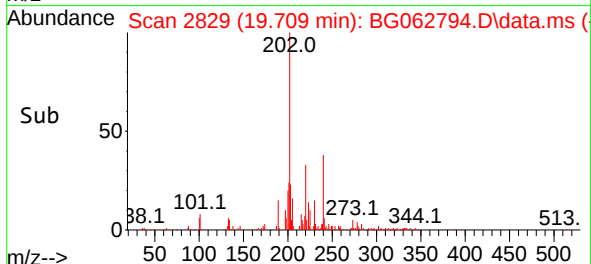
Supervised By :mohammad ahmed 09/17/2024



09/16/2024

Supervised By :mohammad
ahmed

09/17/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 7.142 ng/ul

RT: 21.424 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BG062794.D

Acq: 13 Sep 2024 18:59

Tgt Ion:149	Resp:	102947
Ion Ratio	Lower	Upper
149	100	
167	29.7	21.3 31.9
279	6.2	3.8 5.6

