

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061308.D
 Acq On : 28 May 2024 20:44
 Operator : MA/JU
 Sample : P2568-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5R4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 23:09:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	26003	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	111436	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.518	164	84848	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.262	188	194689	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.516	240	201196	20.000	ng/u1	0.00
88) Perylene-d12	24.600	264	227872	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1479	3.183	ng/uL	0.00
4) Pyridine-d5	3.748	84	19710	11.924	ng/u1	0.00
7) Phenol-d5	7.062	99	37695	17.653	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.215	67	24005	17.885	ng/u1	0.00
11) 2-Chlorophenol-d4	7.420	132	30647	19.392	ng/u1	0.00
15) 4-Methylphenol-d8	8.595	113	29573	16.242	ng/u1	0.00
21) Nitrobenzene-d5	9.036	128	15492	18.056	ng/u1	0.00
24) 2-Nitrophenol-d4	9.765	143	18393	18.317	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.311	165	37199	19.003	ng/u1	0.00
31) 4-Chloroaniline-d4	10.811	131	23211	9.063	ng/u1	0.00
46) Dimethylphthalate-d6	13.919	166	131532	19.988	ng/u1	0.00
49) Acenaphthylene-d8	14.207	160	142176	20.782	ng/u1	0.00
54) 4-Nitrophenol-d4	14.741	143	13165	16.182	ng/u1	0.00
60) Fluorene-d10	15.511	176	115490	20.328	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	17815	15.129	ng/u1	0.00
73) Anthracene-d10	17.362	188	183808	21.415	ng/u1	0.00
81) Pyrene-d10	19.653	212	227717	22.043	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.389	264	237034	21.637	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.728	128	7623	1.296	ng/u1	98
52) Acenaphthene	14.577	153	10431	2.096	ng/u1	98
61) Fluorene	15.564	166	6599	1.072	ng/u1	99
72) Phenanthrene	17.309	178	175643	18.588	ng/u1	97
74) Anthracene	17.397	178	30058	3.076	ng/u1	98
77) Carbazole	17.667	167	22660	2.851	ng/u1	98
80) Fluoranthene	19.324	202	390797	31.534	ng/u1	99
82) Pyrene	19.683	202	347743	27.033	ng/u1	99
83) Butylbenzylphthalate	20.576	149	11962	2.707	ng/u1#	96
85) Benzo(a)anthracene	21.498	228	218126	15.712	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	56561	8.647	ng/u1	96
87) Chrysene	21.563	228	233129	18.238	ng/u1	95
90) Benzo(b)fluoranthene	23.631	252	318366	23.466	ng/u1	100
91) Benzo(k)fluoranthene	23.690	252	135774m	9.858	ng/u1	
93) Benzo(a)pyrene	24.459	252	230367	17.881	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	28.096	276	167656	10.761	ng/u1	98
95) Dibenzo(a,h)anthracene	28.137	278	47562m	3.702	ng/u1	
96) Benzo(g,h,i)perylene	29.189	276	161118	12.999	ng/u1	98

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

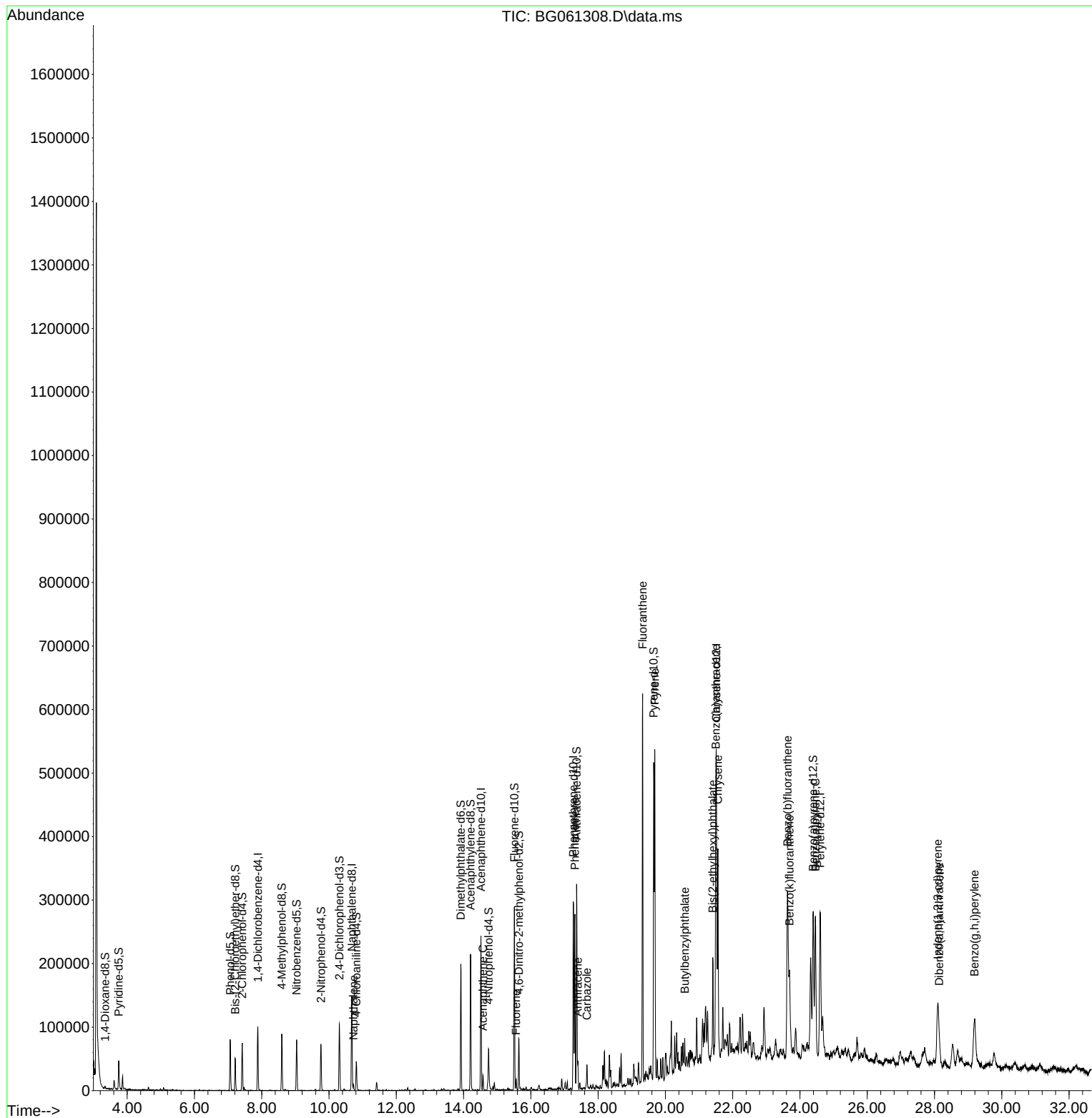
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061308.D
 Acq On : 28 May 2024 20:44
 Operator : MA/JU
 Sample : P2568-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

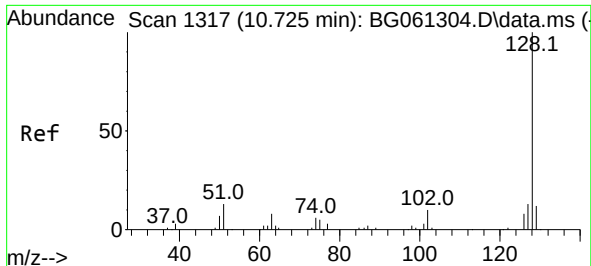
Instrument :
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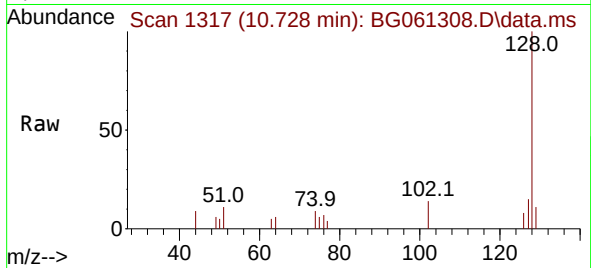
Quant Time: May 28 23:09:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 1.296 ng/ul
RT: 10.728 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

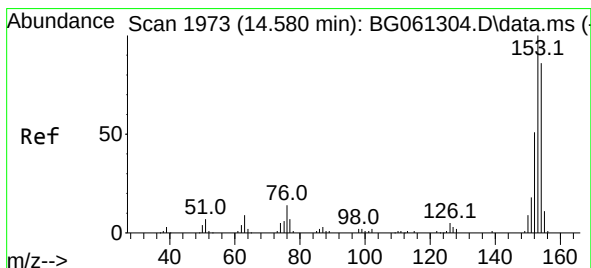
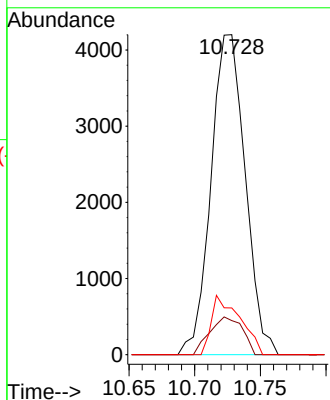
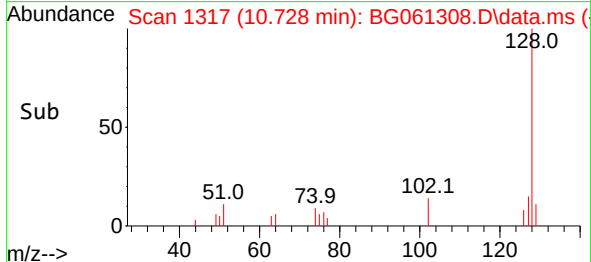
Instrument :
BNA_G
ClientSampleId :
BH5R4



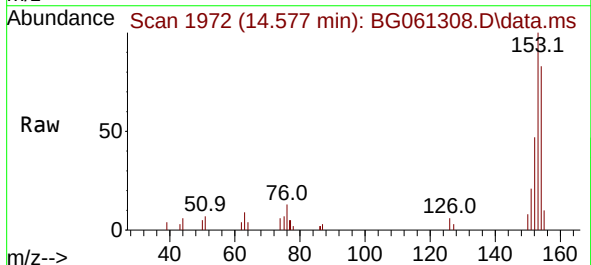
Tgt Ion:128 Resp: 762
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.6 10.8 16.2

Manual Integrations
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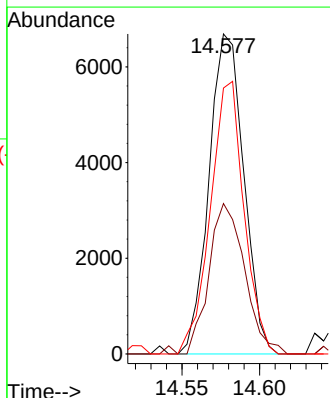
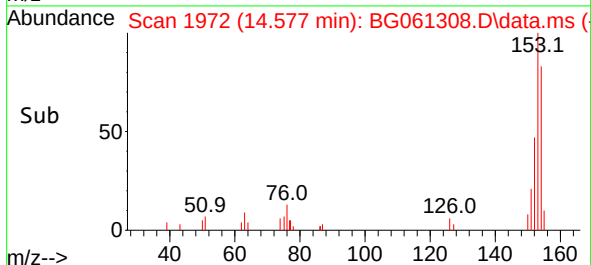
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

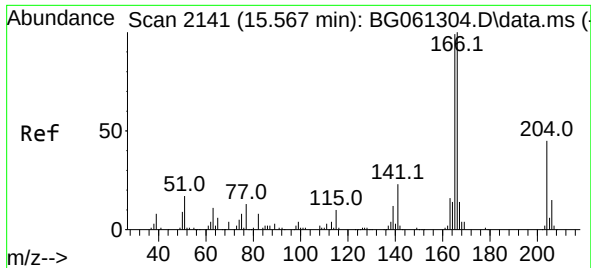


#52
Acenaphthene
Concen: 2.096 ng/ul
RT: 14.577 min Scan# 1972
Delta R.T. -0.010 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44



Tgt Ion:153 Resp: 10431
Ion Ratio Lower Upper
153 100
152 47.0 37.8 56.8
154 83.1 69.0 103.6





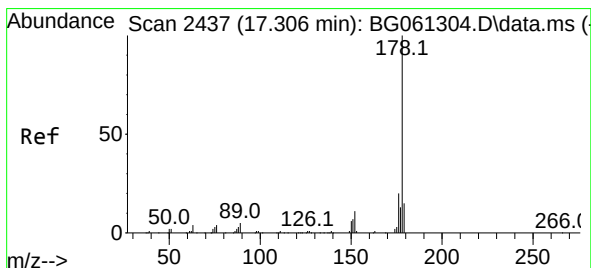
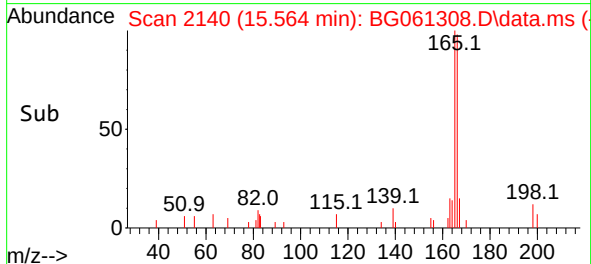
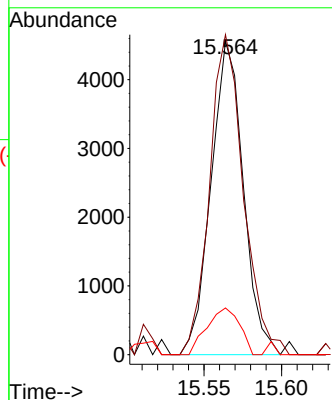
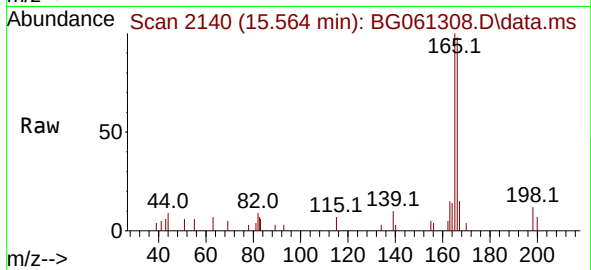
#61
Fluorene
Concen: 1.072 ng/ul
RT: 15.564 min Scan# 2141
Delta R.T. -0.010 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

Instrument :
BNA_G
ClientSampleId :
BH5R4

Tgt Ion:166 Resp: 6599
Ion Ratio Lower Upper
166 100
165 102.1 81.8 122.8
167 14.9 10.6 16.0

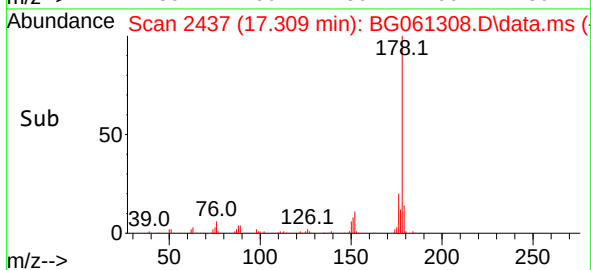
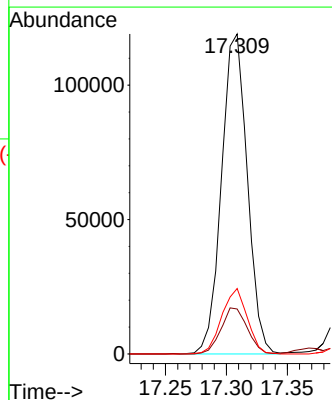
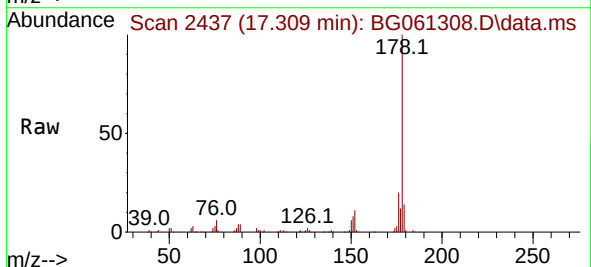
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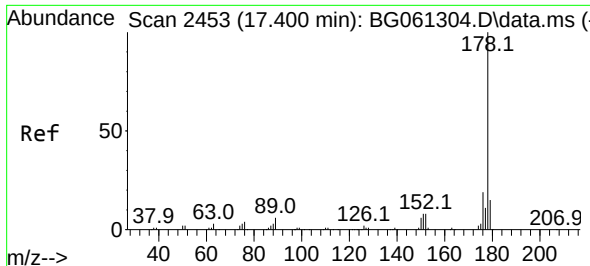
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#72
Phenanthrene
Concen: 18.588 ng/ul
RT: 17.309 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

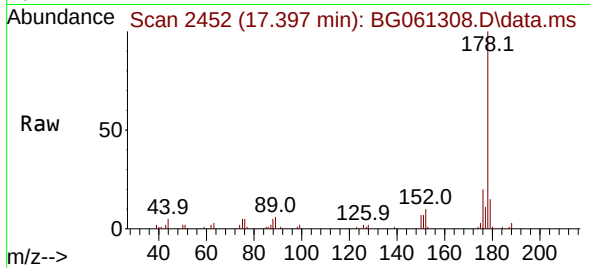
Tgt Ion:178 Resp: 175643
Ion Ratio Lower Upper
178 100
179 14.1 12.7 19.1
176 20.5 15.5 23.3





#74
 Anthracene
 Concen: 3.076 ng/u1
 RT: 17.397 min Scan# 2453
 Delta R.T. -0.004 min
 Lab File: BG061308.D
 Acq: 28 May 2024 20:44

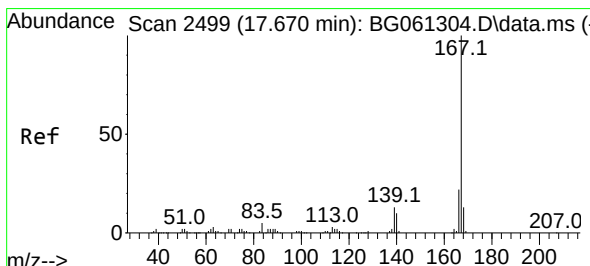
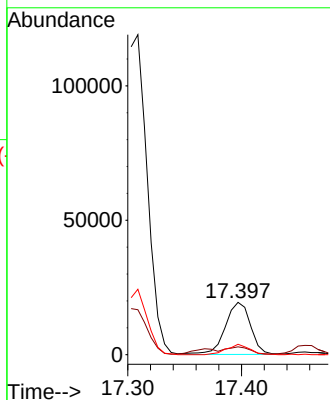
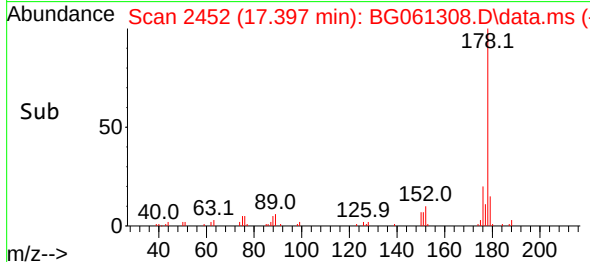
Instrument :
 BNA_G
 ClientSampleId :
 BH5R4



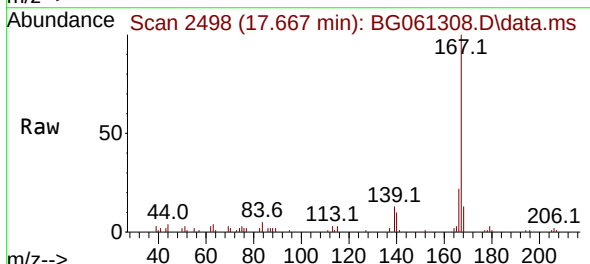
Tgt Ion:178 Resp: 30058
 Ion Ratio Lower Upper
 178 100
 179 15.1 11.8 17.6
 176 19.8 14.9 22.3

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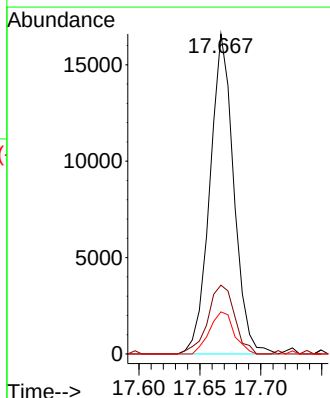
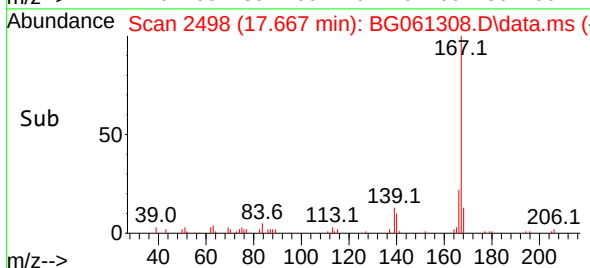
Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

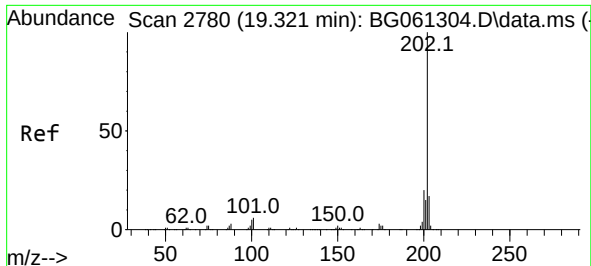


#77
 Carbazole
 Concen: 2.851 ng/u1
 RT: 17.667 min Scan# 2498
 Delta R.T. -0.010 min
 Lab File: BG061308.D
 Acq: 28 May 2024 20:44



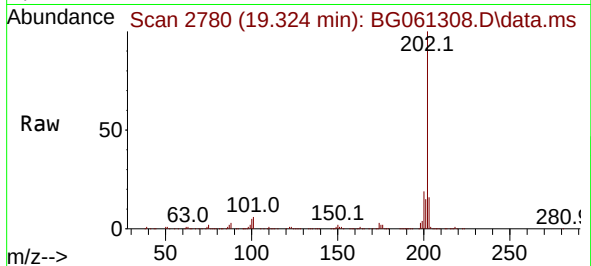
Tgt Ion:167 Resp: 22660
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.6 28.0
 139 13.2 10.6 15.8





#80
Fluoranthene
Concen: 31.534 ng/u1
RT: 19.324 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

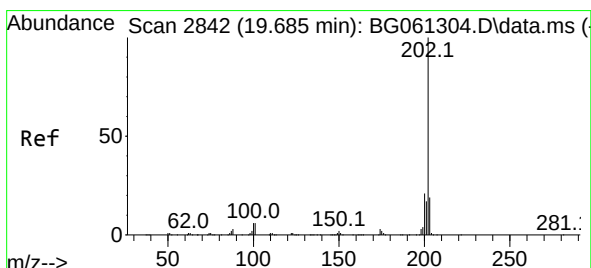
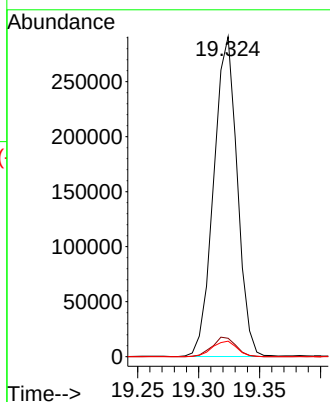
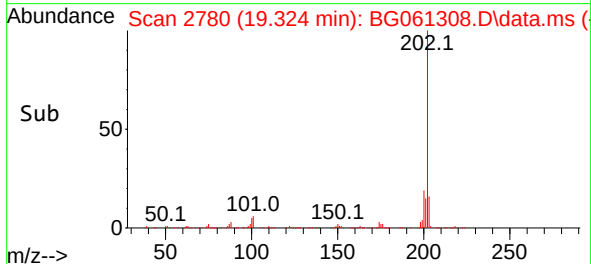
Instrument :
BNA_G
ClientSampleId :
BH5R4



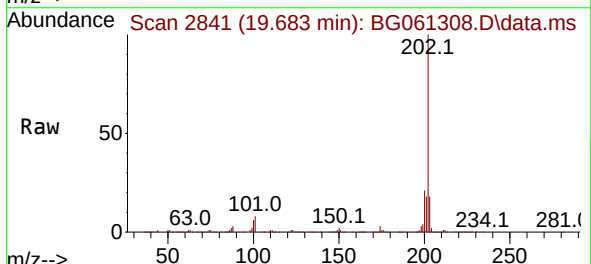
Tgt Ion:202 Resp: 39079
Ion Ratio Lower Upper
202 100
101 5.8 4.8 7.2
100 4.8 4.1 6.1

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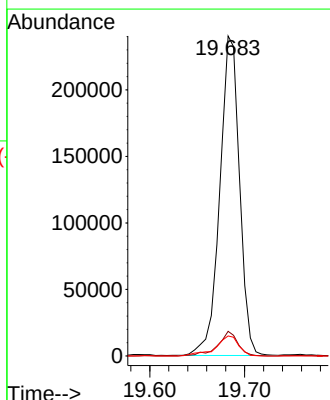
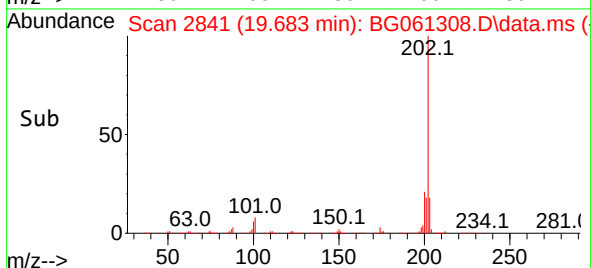
Reviewed By :Jagrut Upadhyay 05/29/2024
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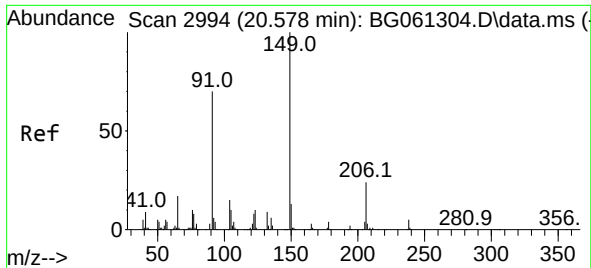


#82
Pyrene
Concen: 27.033 ng/u1
RT: 19.683 min Scan# 2841
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44



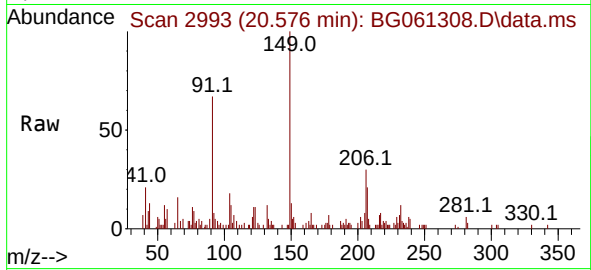
Tgt Ion:202 Resp: 347743
Ion Ratio Lower Upper
202 100
101 7.7 5.7 8.5
100 6.3 5.1 7.7





#83
Butylbenzylphthalate
Concen: 2.707 ng/ul
RT: 20.576 min Scan# 2994
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

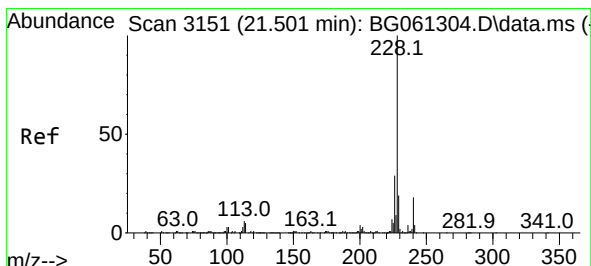
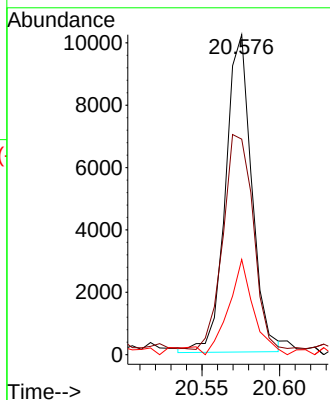
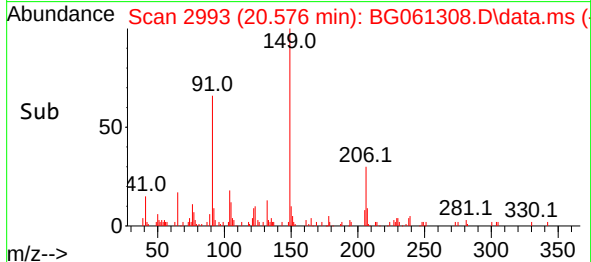
Instrument :
BNA_G
ClientSampleId :
BH5R4



Tgt Ion:149 Resp: 11962
Ion Ratio Lower Upper
149 100
91 67.3 54.8 82.2
206 29.8 19.4 29.0

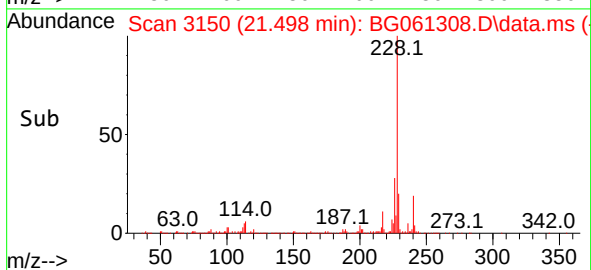
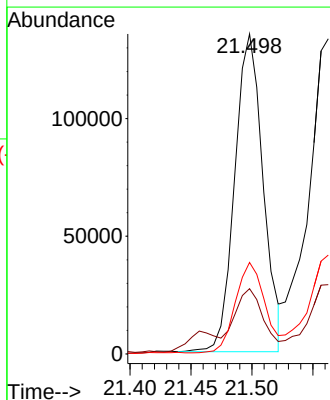
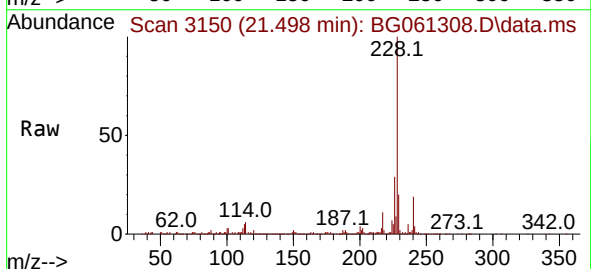
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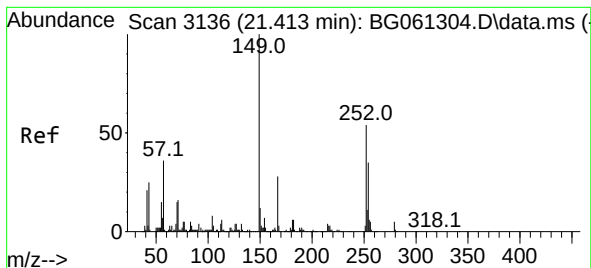
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#85
Benzo(a)anthracene
Concen: 15.712 ng/ul
RT: 21.498 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

Tgt Ion:228 Resp: 218126
Ion Ratio Lower Upper
228 100
229 20.4 15.2 22.8
226 28.6 21.4 32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 8.647 ng/ul

RT: 21.410 min Scan# 3136

Delta R.T. -0.004 min

Lab File: BG061308.D

Acq: 28 May 2024 20:44

Instrument :

BNA_G

ClientSampleId :

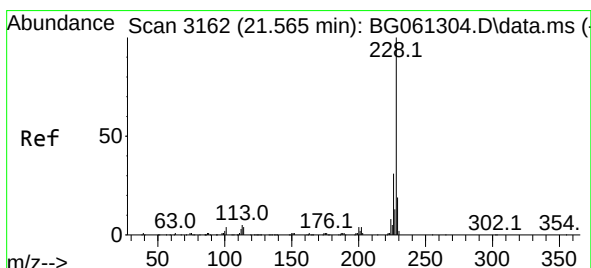
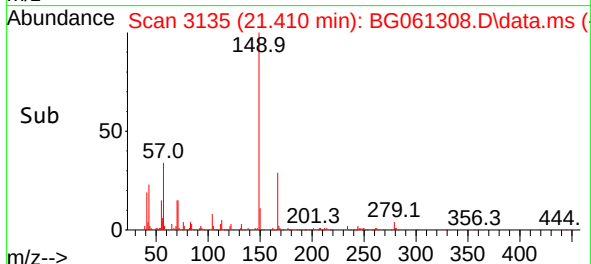
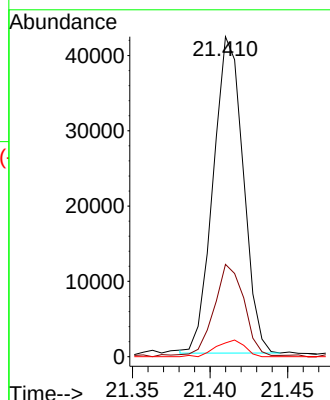
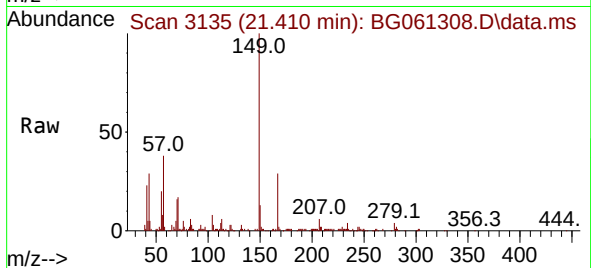
BH5R4

Tgt Ion:	149	Resp:	5656
Ion Ratio	Lower	Upper	
149	100		
167	28.8	21.1	31.7
279	4.3	3.3	4.9

Manual Integrations

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Supervised By :mohammad ahmed 05/30/2024



#87

Chrysene

Concen: 18.238 ng/ul

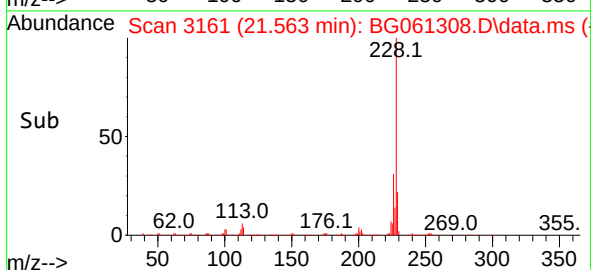
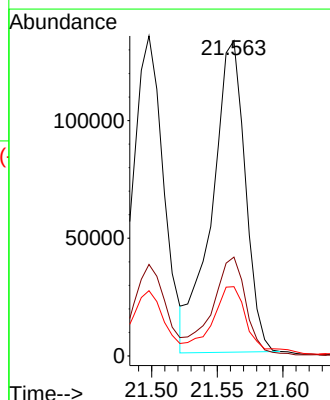
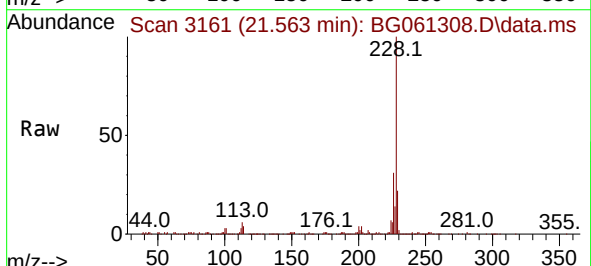
RT: 21.563 min Scan# 3161

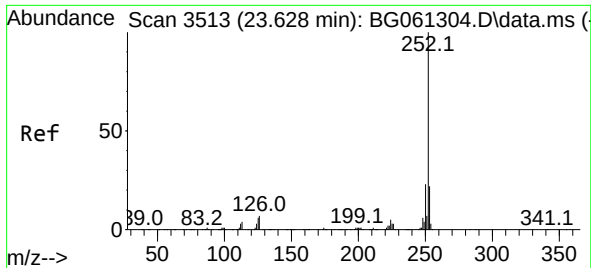
Delta R.T. -0.004 min

Lab File: BG061308.D

Acq: 28 May 2024 20:44

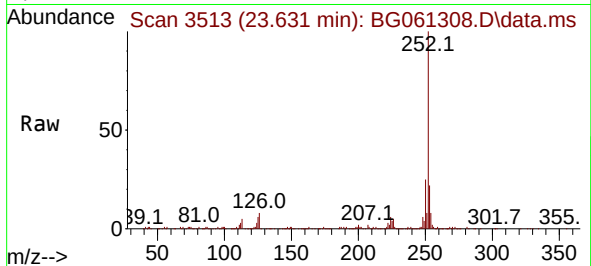
Tgt Ion:	228	Resp:	233129
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	22.0	15.4	23.2





#90
Benzo(b)fluoranthene
Concen: 23.466 ng/ul
RT: 23.631 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

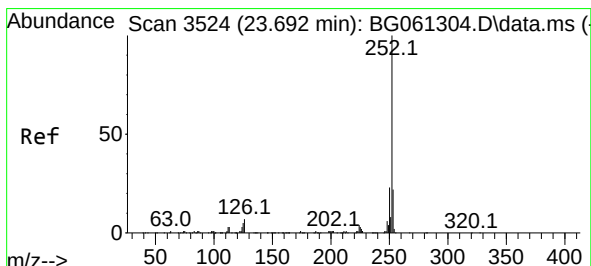
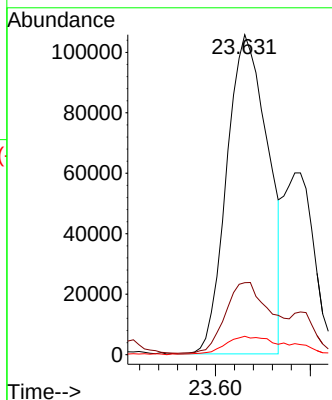
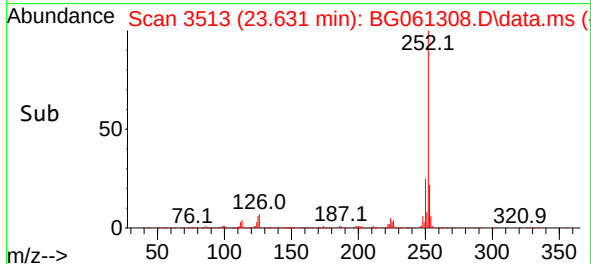
Instrument :
BNA_G
ClientSampleId :
BH5R4



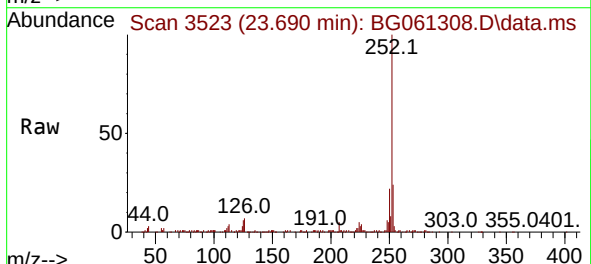
Tgt Ion:252 Resp: 318360
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 5.7 4.6 6.8

Manual Integrations
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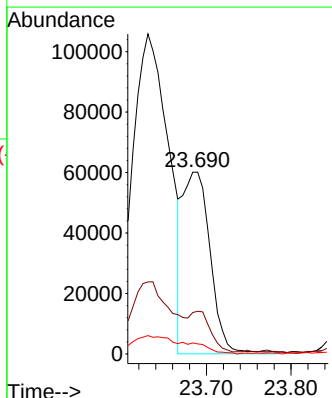
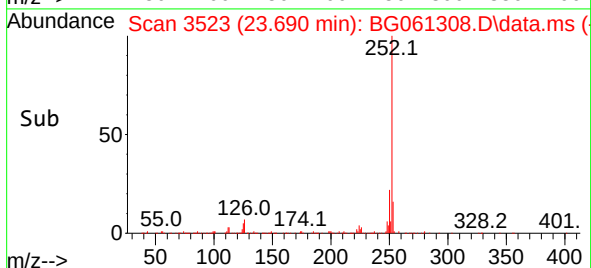
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

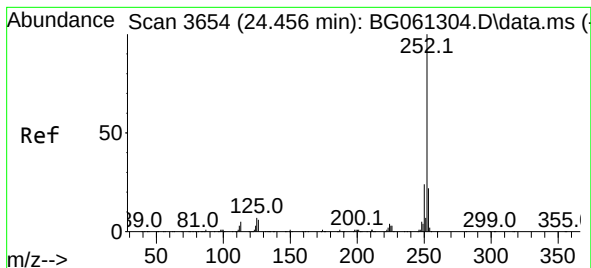


#91
Benzo(k)fluoranthene
Concen: 9.858 ng/ul m
RT: 23.690 min Scan# 3523
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44



Tgt Ion:252 Resp: 135774
Ion Ratio Lower Upper
252 100
253 23.5 16.0 24.0
125 5.5 4.3 6.5





#93

Benzo(a)pyrene

Concen: 17.881 ng/ul

RT: 24.459 min Scan# 30

Delta R.T. -0.004 min

Lab File: BG061308.D

Acq: 28 May 2024 20:44

Instrument :

BNA_G

ClientSampleId :

BH5R4

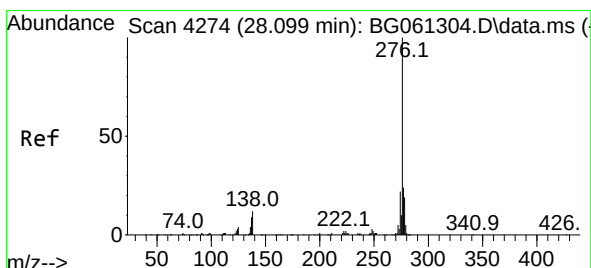
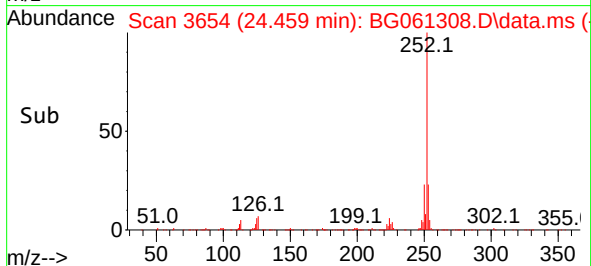
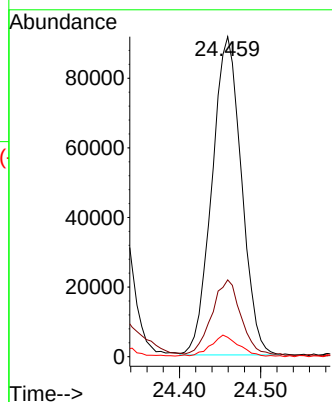
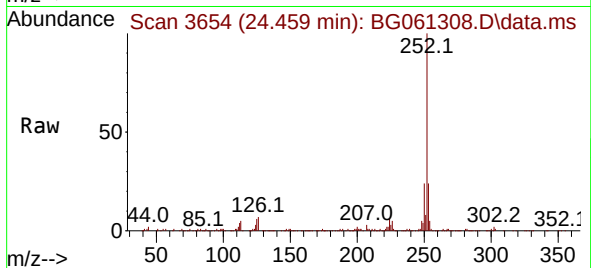
Tgt Ion:252 Resp: 23036

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.4	24.6
125	6.0	4.3	6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.761 ng/ul

RT: 28.096 min Scan# 4273

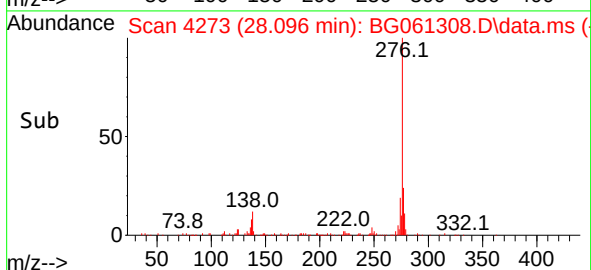
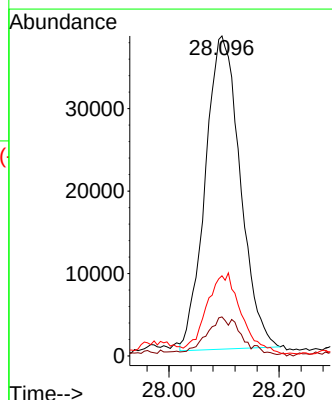
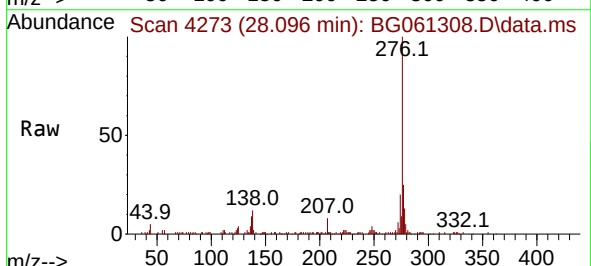
Delta R.T. -0.010 min

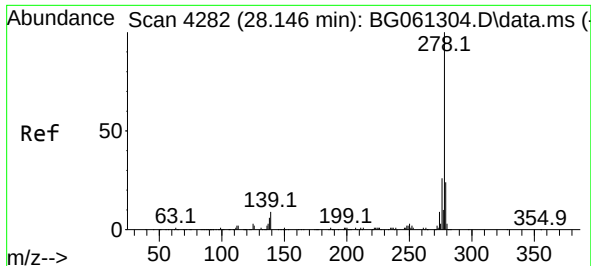
Lab File: BG061308.D

Acq: 28 May 2024 20:44

Tgt Ion:276 Resp: 167656

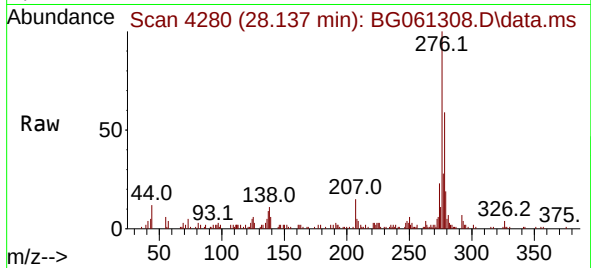
Ion	Ratio	Lower	Upper
276	100		
138	12.2	8.6	13.0
277	25.0	19.7	29.5





#95
Dibenzo(a,h)anthracene
Concen: 3.702 ng/ul m
RT: 28.137 min Scan# 4282
Delta R.T. -0.022 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44

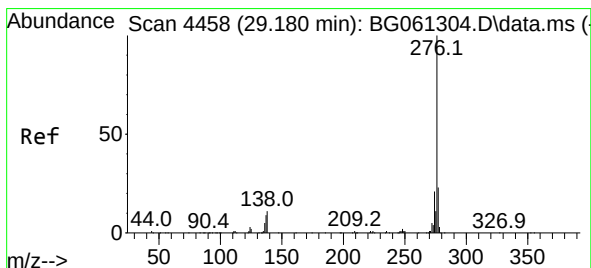
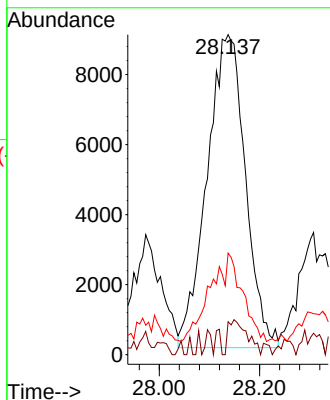
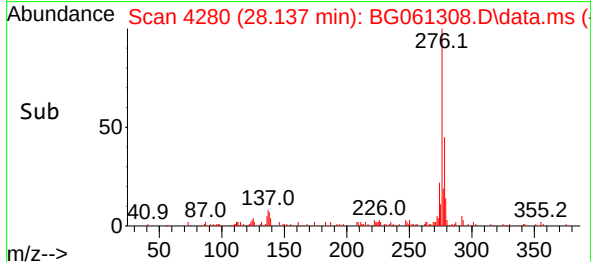
Instrument :
BNA_G
ClientSampleId :
BH5R4



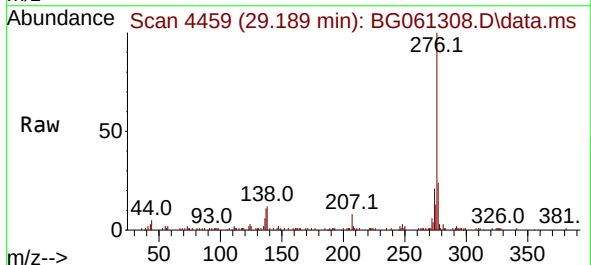
Tgt Ion:278 Resp: 47562
Ion Ratio Lower Upper
278 100
139 10.3 6.4 9.6
279 31.7 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#96
Benzo(g,h,i)perylene
Concen: 12.999 ng/ul
RT: 29.189 min Scan# 4459
Delta R.T. -0.004 min
Lab File: BG061308.D
Acq: 28 May 2024 20:44



Tgt Ion:276 Resp: 161118
Ion Ratio Lower Upper
276 100
138 11.7 8.7 13.1
277 23.8 18.2 27.2

