

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061325.D
 Acq On : 29 May 2024 12:33
 Operator : MA/JU
 Sample : P2568-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Q4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 29 13:16:41 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	7.886	152	30347	20.000	ng/u1	0.00
20) Naphthalene-d8	10.676	136	126375	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.513	164	97957	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	216509	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.517	240	225218	20.000	ng/u1	0.00
88) Perylene-d12	24.607	264	256414	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	1462	2.696	ng/uL	0.00
4) Pyridine-d5	3.749	84	10811	5.604	ng/u1	0.00
7) Phenol-d5	7.063	99	38830	15.581	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	24252	15.483	ng/u1	0.00
11) 2-Chlorophenol-d4	7.421	132	31632	17.151	ng/u1	0.00
15) 4-Methylphenol-d8	8.597	113	30923	14.552	ng/u1	0.00
21) Nitrobenzene-d5	9.037	128	16235	16.686	ng/u1	0.00
24) 2-Nitrophenol-d4	9.760	143	18920	16.615	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	38447	17.318	ng/u1	0.00
31) 4-Chloroaniline-d4	10.812	131	30856	10.624	ng/u1	0.00
46) Dimethylphthalate-d6	13.920	166	123898	16.308	ng/u1	0.00
49) Acenaphthylene-d8	14.208	160	141039	17.856	ng/u1	0.00
54) 4-Nitrophenol-d4	14.748	143	10434	11.109	ng/u1	0.00
60) Fluorene-d10	15.512	176	111798	17.044	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	10777	8.230	ng/u1	0.00
73) Anthracene-d10	17.363	188	175698	18.407	ng/u1	0.00
81) Pyrene-d10	19.654	212	210749	18.225	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.390	264	225788	18.316	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.584	153	10109	1.759	ng/u1	92
56) Dibenzofuran	14.913	168	9420	1.147	ng/u1	98
61) Fluorene	15.565	166	10035	1.412	ng/u1	96
72) Phenanthrene	17.310	178	270396	25.731	ng/u1	98
74) Anthracene	17.398	178	42493	3.911	ng/u1	97
77) Carbazole	17.668	167	21493	2.432	ng/u1	93
78) Di-n-butylphthalate	18.232	149	21716	1.961	ng/u1	96
80) Fluoranthene	19.325	202	479877	34.592	ng/u1	99
82) Pyrene	19.684	202	419874	29.159	ng/u1	99
83) Butylbenzylphthalate	20.577	149	13004	2.629	ng/u1	88
85) Benzo(a)anthracene	21.499	228	243745	15.685	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.411	149	133553	18.239	ng/u1	99
87) Chrysene	21.564	228	247368	17.287	ng/u1	96
90) Benzo(b)fluoranthene	23.632	252	318506	20.863	ng/u1	96
91) Benzo(k)fluoranthene	23.685	252	106913m	6.898	ng/u1	
93) Benzo(a)pyrene	24.460	252	218644	15.082	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.097	276	148850	8.491	ng/u1	95
95) Dibenzo(a,h)anthracene	28.144	278	36549	2.528	ng/u1#	94
96) Benzo(g,h,i)perylene	29.202	276	136982m	9.822	ng/u1	

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

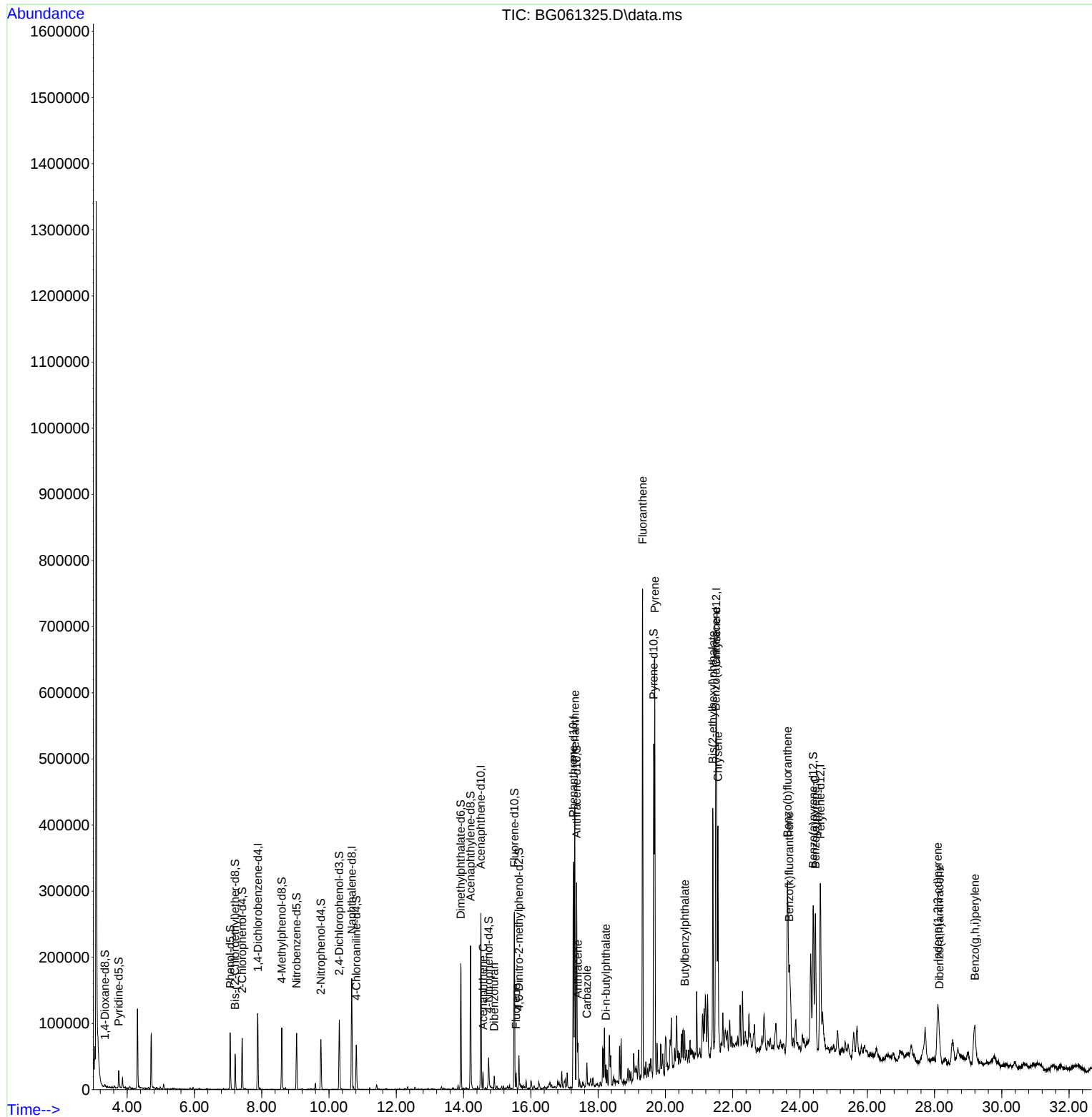
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061325.D
Acq On : 29 May 2024 12:33
Operator : MA/JU
Sample : P2568-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

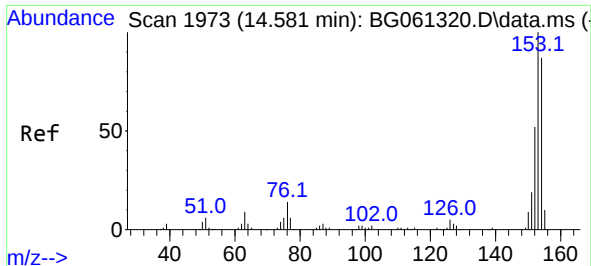
Instrument :
BNA_G
ClientSampleId :
BH5Q4

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Supervised By :mohammad ahmed 06/01/2024

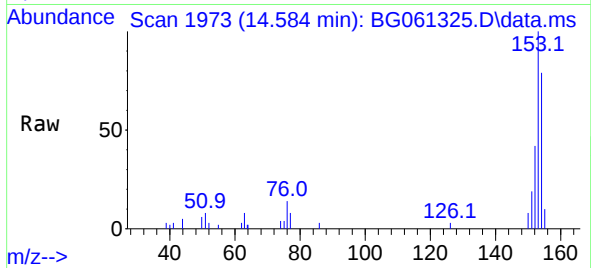
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration





#52
Acenaphthene
Concen: 1.759 ng/u1
RT: 14.584 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33

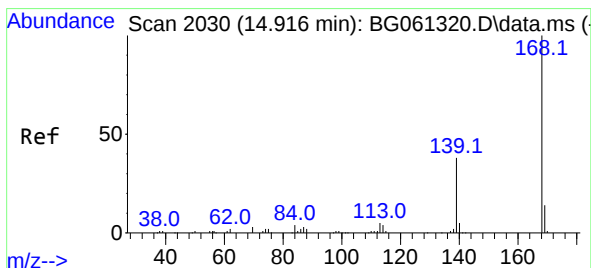
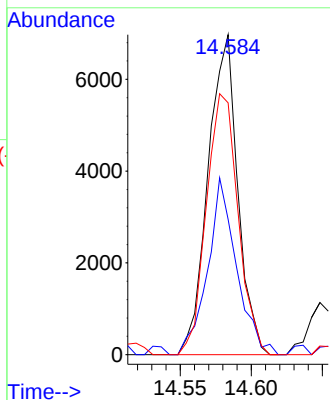
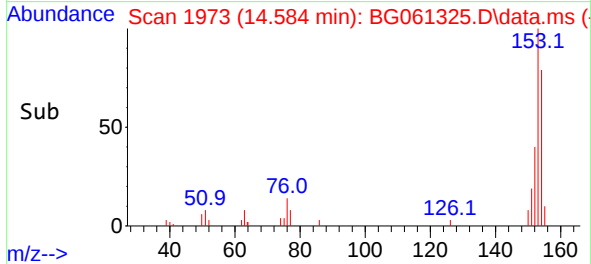
Instrument :
BNA_G
ClientSampleId :
BH5Q4



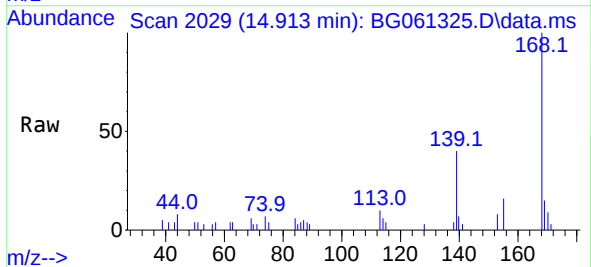
Tgt Ion:153 Resp: 10109
Ion Ratio Lower Upper
153 100
152 42.3 37.8 56.8
154 78.7 69.0 103.6

Manual Integrations
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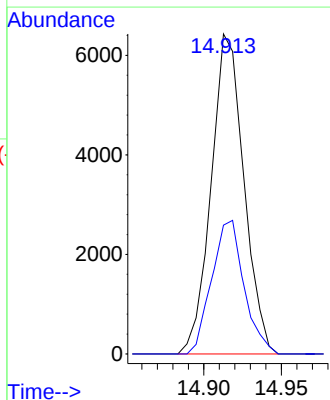
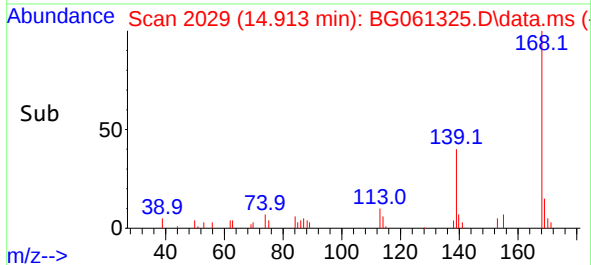
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

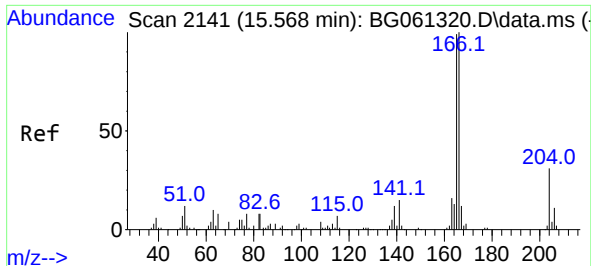


#56
Dibenzofuran
Concen: 1.147 ng/u1
RT: 14.913 min Scan# 2029
Delta R.T. -0.009 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33



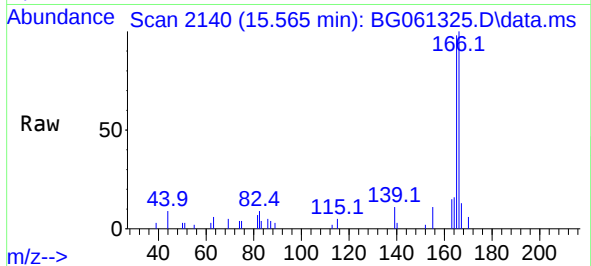
Tgt Ion:168 Resp: 9420
Ion Ratio Lower Upper
168 100
139 40.2 33.4 50.2





#61
Fluorene
Concen: 1.412 ng/ul
RT: 15.565 min Scan# 2141
Delta R.T. -0.009 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33

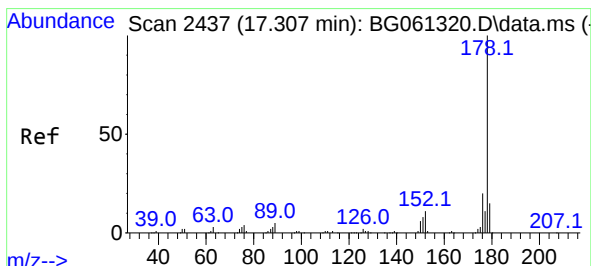
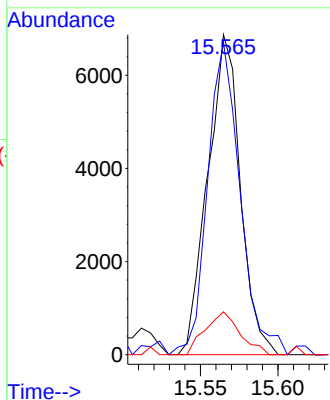
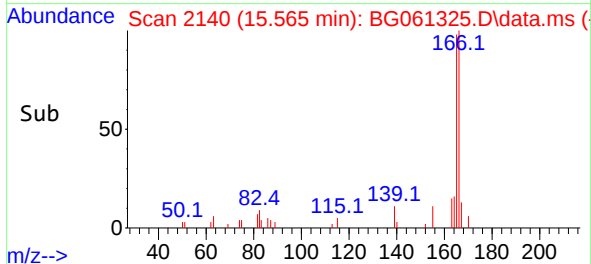
Instrument :
BNA_G
ClientSampleId :
BH5Q4



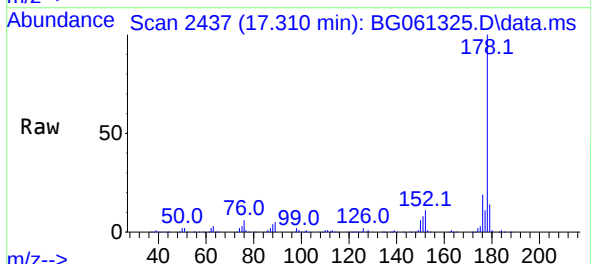
Tgt Ion:166 Resp: 1003
Ion Ratio Lower Upper
166 100
165 97.6 81.8 122.8
167 13.4 10.6 16.0

Manual Integrations
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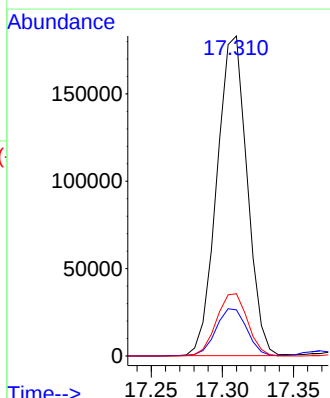
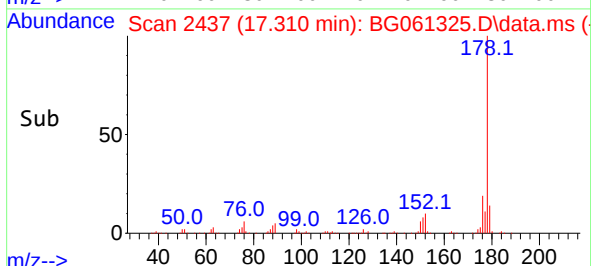
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

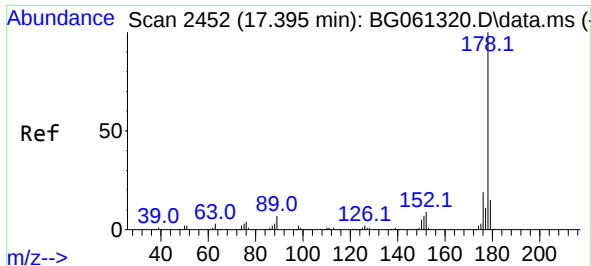


#72
Phenanthrene
Concen: 25.731 ng/ul
RT: 17.310 min Scan# 2437
Delta R.T. -0.003 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33



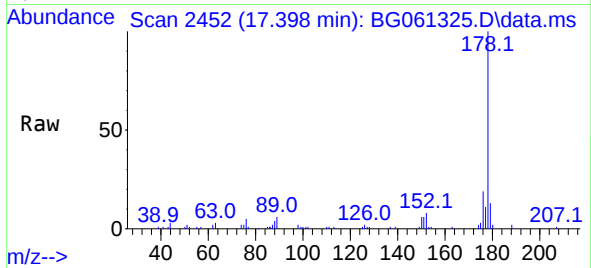
Tgt Ion:178 Resp: 270396
Ion Ratio Lower Upper
178 100
179 14.4 12.7 19.1
176 19.5 15.5 23.3





#74
 Anthracene
 Concen: 3.911 ng/ul
 RT: 17.398 min Scan# 2452
 Delta R.T. -0.003 min
 Lab File: BG061325.D
 Acq: 29 May 2024 12:33

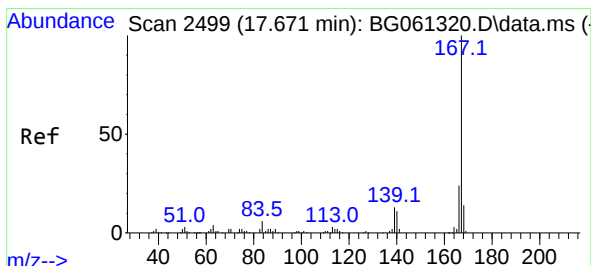
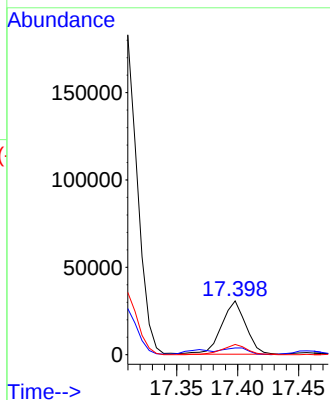
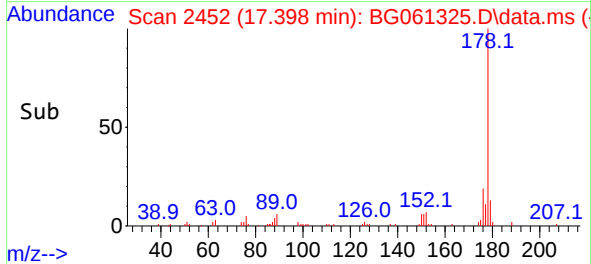
Instrument :
 BNA_G
 ClientSampleId :
 BH5Q4



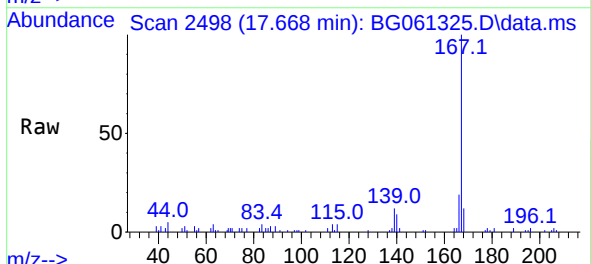
Tgt Ion:178 Resp: 42493
 Ion Ratio Lower Upper
 178 100
 179 12.5 11.8 17.6
 176 19.2 14.9 22.3

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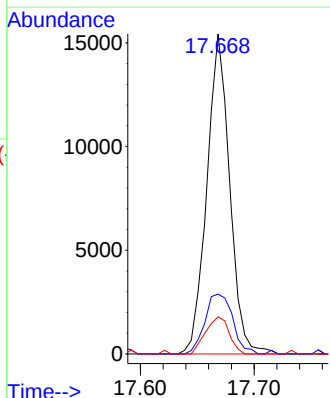
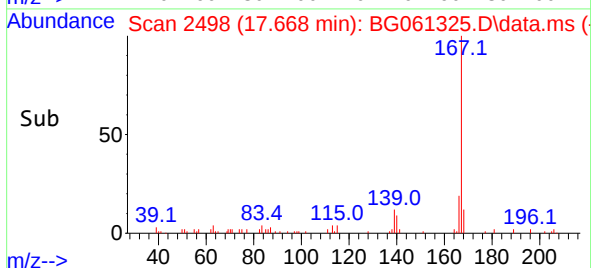
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

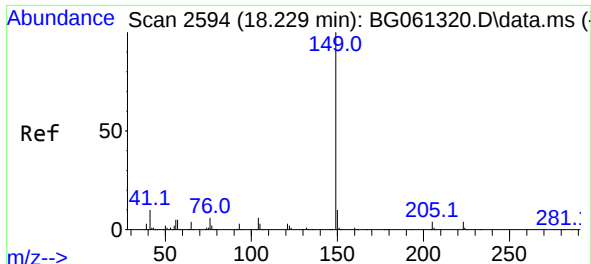


#77
 Carbazole
 Concen: 2.432 ng/ul
 RT: 17.668 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BG061325.D
 Acq: 29 May 2024 12:33



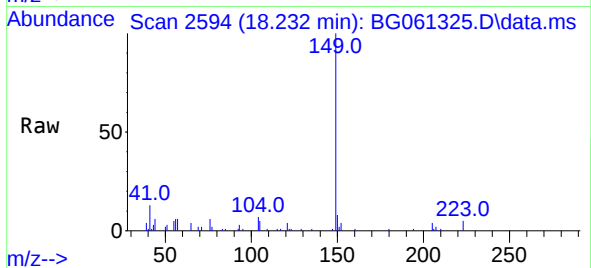
Tgt Ion:167 Resp: 21493
 Ion Ratio Lower Upper
 167 100
 166 18.7 18.6 28.0
 139 11.6 10.6 15.8





#78
Di-n-butylphthalate
Concen: 1.961 ng/ul
RT: 18.232 min Scan# 21710
Delta R.T. -0.003 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33

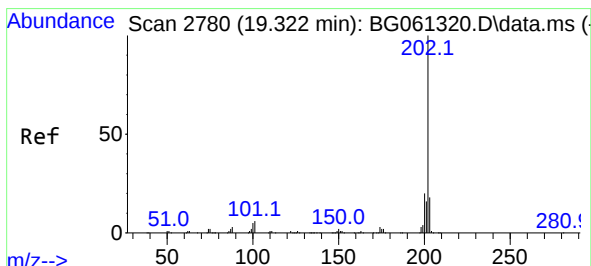
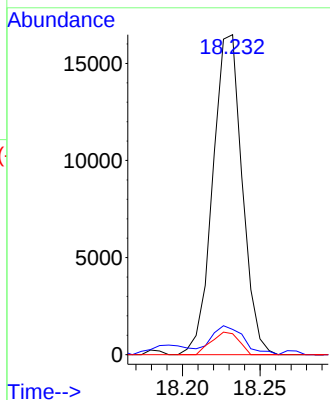
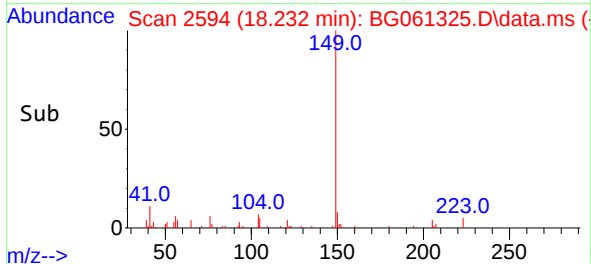
Instrument :
BNA_G
ClientSampleId :
BH5Q4



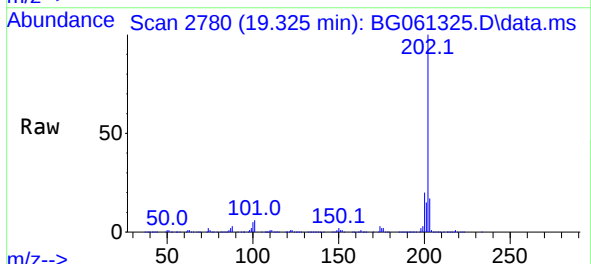
Tgt Ion:149 Resp: 21710
Ion Ratio Lower Upper
149 100
150 7.9 7.8 11.8
104 6.6 4.8 7.2

Manual Integrations
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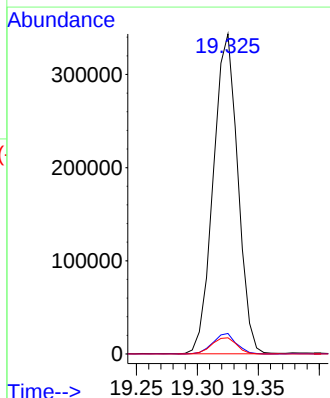
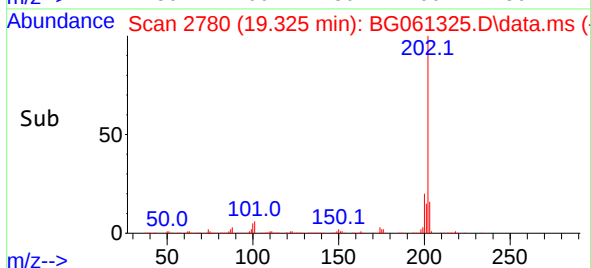
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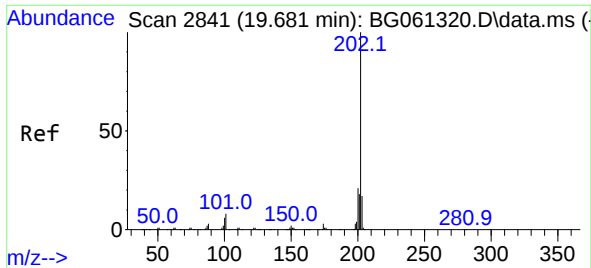


#80
Fluoranthene
Concen: 34.592 ng/ul
RT: 19.325 min Scan# 2780
Delta R.T. -0.003 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33



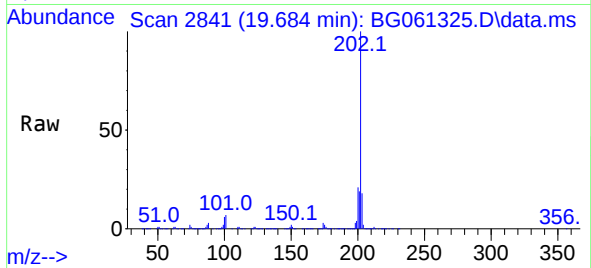
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Ion Ratio Lower Upper
202 100
101 6.4 4.8 7.2
100 5.0 4.1 6.1





#82
 Pyrene
 Concen: 29.159 ng/u1
 RT: 19.684 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG061325.D
 Acq: 29 May 2024 12:33

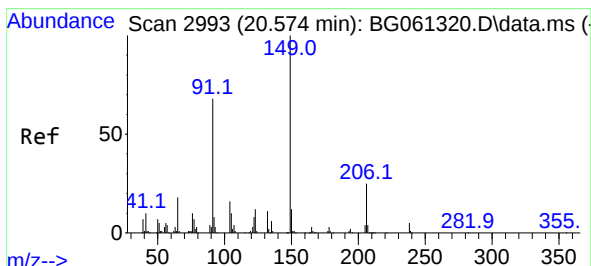
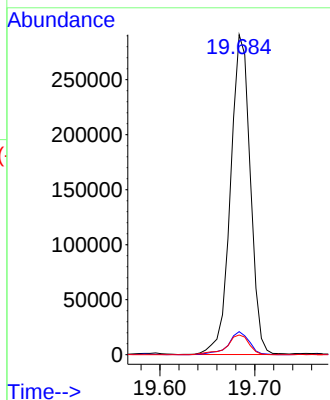
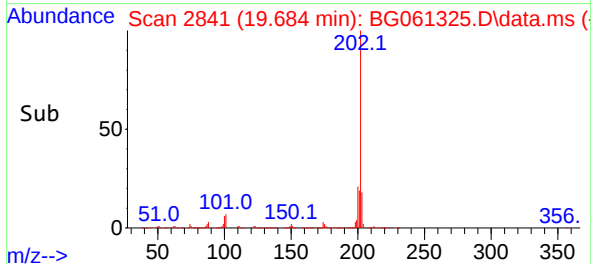
Instrument :
 BNA_G
 ClientSampleId :
 BH5Q4



Tgt Ion:202 Resp: 419874
 Ion Ratio Lower Upper
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 101 7.2 5.7 8.5
 100 6.1 5.1 7.7

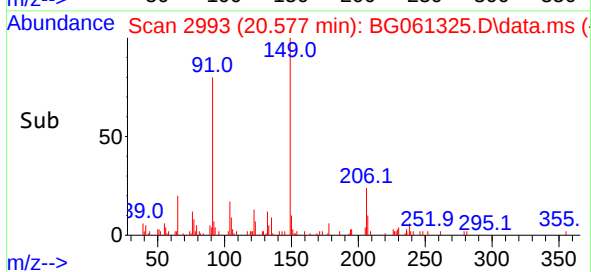
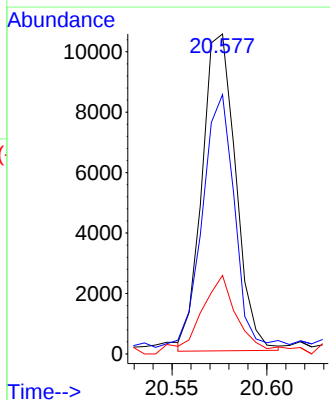
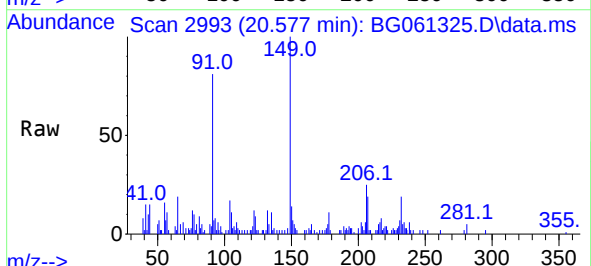
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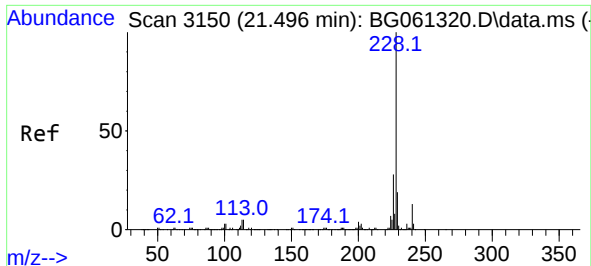
Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024



#83
 Butylbenzylphthalate
 Concen: 2.629 ng/u1
 RT: 20.577 min Scan# 2993
 Delta R.T. -0.003 min
 Lab File: BG061325.D
 Acq: 29 May 2024 12:33

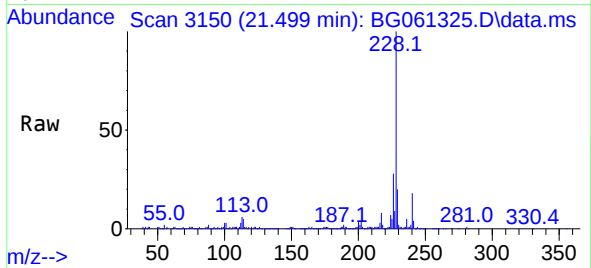
Tgt Ion:149 Resp: 13004
 Ion Ratio Lower Upper
 149 100
 91 81.1 54.8 82.2
 206 24.6 19.4 29.0





#85
Benzo(a)anthracene
Concen: 15.685 ng/ul
RT: 21.499 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33

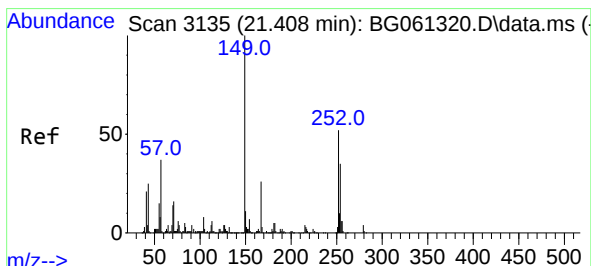
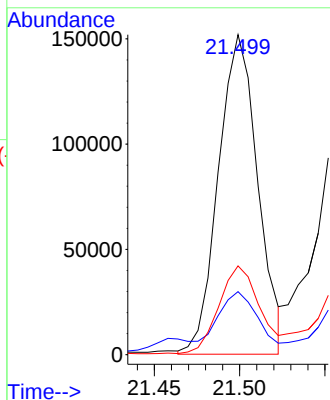
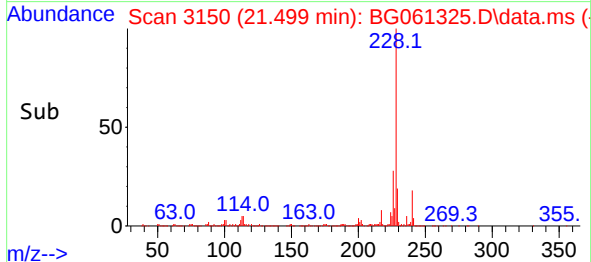
Instrument :
BNA_G
ClientSampleId :
BH5Q4



Tgt Ion:228 Resp: 243749
Ion Ratio Lower Upper
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229 19.7 15.2 22.8
226 27.8 21.4 32.2

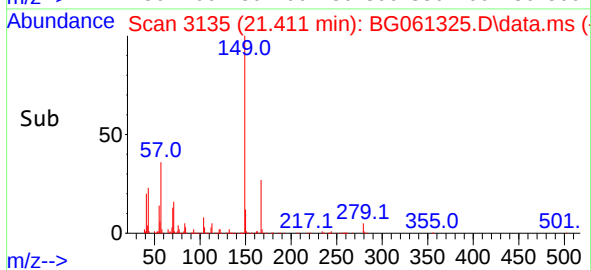
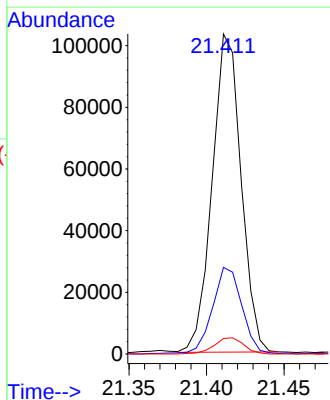
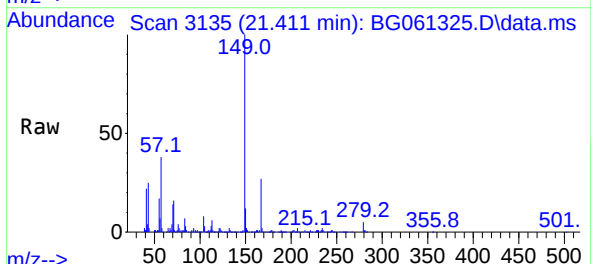
Manual Integrations
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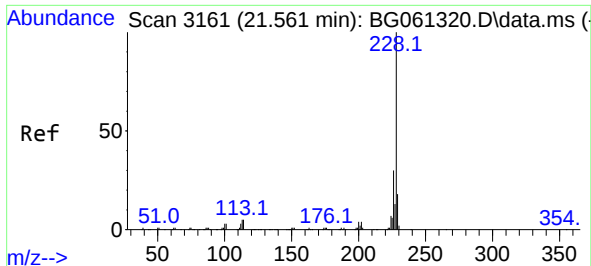
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 18.239 ng/ul
RT: 21.411 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33

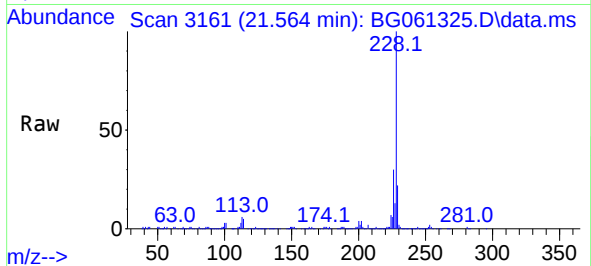
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Ion Ratio Lower Upper
149 100
167 27.1 21.1 31.7
279 4.8 3.3 4.9





#87
Chrysene
Concen: 17.287 ng/ul
RT: 21.564 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33

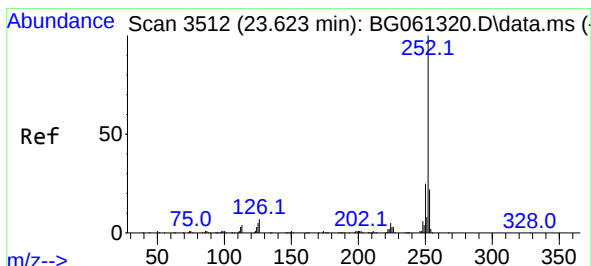
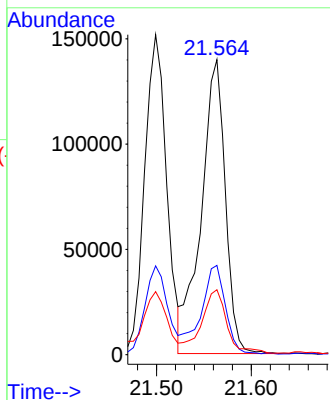
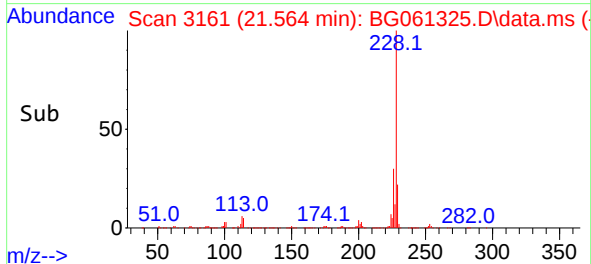
Instrument :
BNA_G
ClientSampleId :
BH5Q4



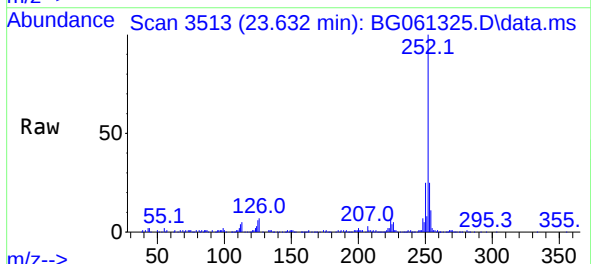
Tgt Ion:228 Resp: 247368
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 22.0 15.4 23.2

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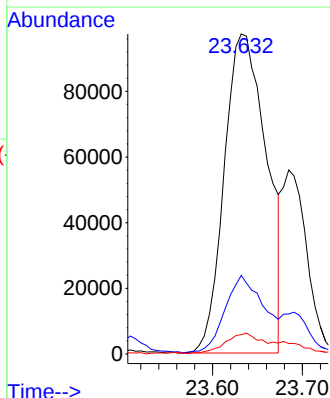
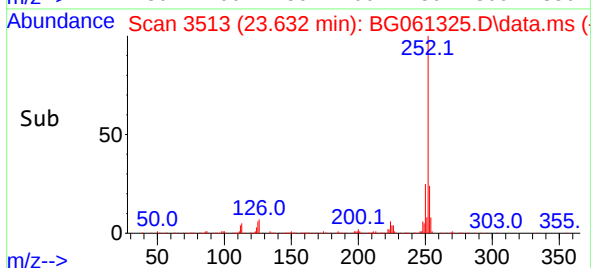
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

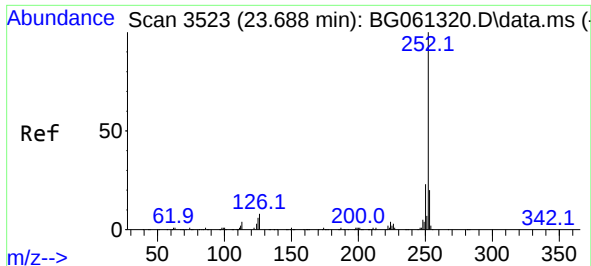


#90
Benzo(b)fluoranthene
Concen: 20.863 ng/ul
RT: 23.632 min Scan# 3513
Delta R.T. 0.003 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33



Tgt Ion:252 Resp: 318506
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 6.0 4.6 6.8





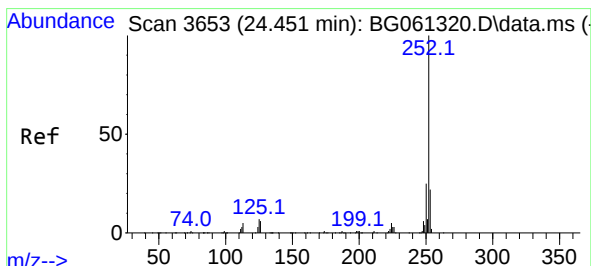
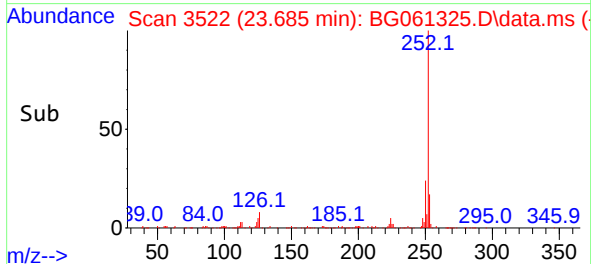
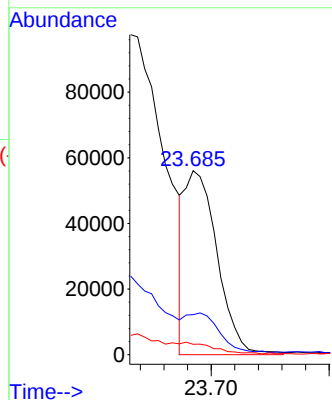
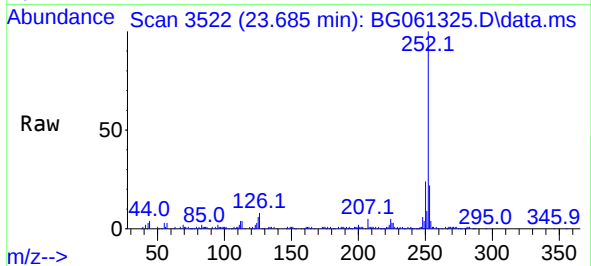
#91
Benzo(k)fluoranthene
Concen: 6.898 ng/ul m
RT: 23.685 min Scan# 3523
Delta R.T. -0.009 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33

Instrument :
BNA_G
ClientSampleId :
BH5Q4

Tgt Ion:252 Resp: 10691
Ion Ratio Lower Upper
252 100
253 21.8 16.0 24.0
125 5.7 4.3 6.5

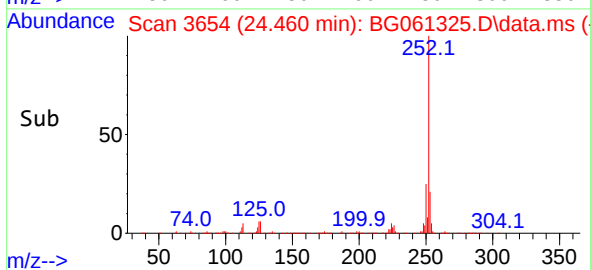
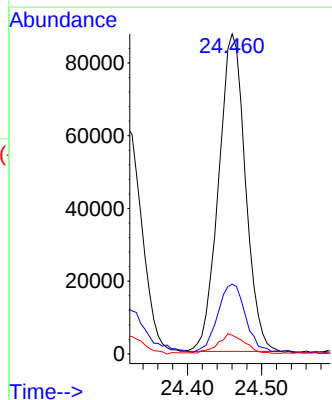
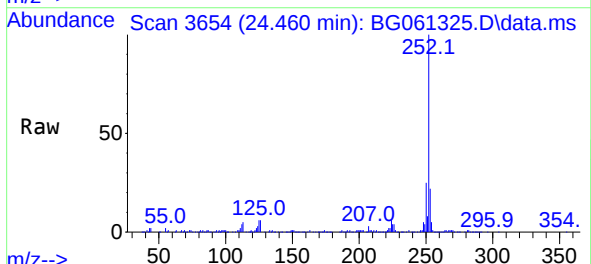
Manual Integrations
APPROVED

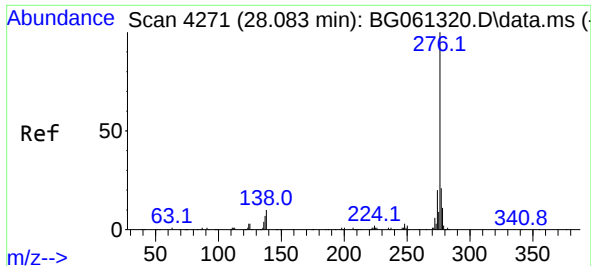
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#93
Benzo(a)pyrene
Concen: 15.082 ng/ul
RT: 24.460 min Scan# 3654
Delta R.T. -0.003 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33

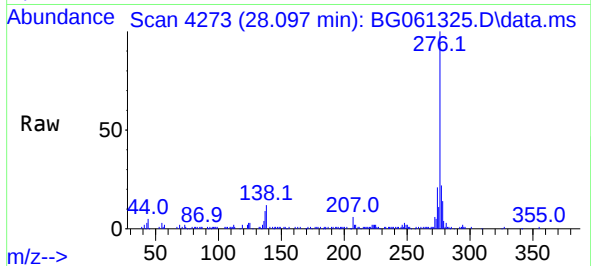
Tgt Ion:252 Resp: 218644
Ion Ratio Lower Upper
252 100
253 21.8 16.4 24.6
125 5.9 4.3 6.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 8.491 ng/ul
RT: 28.097 min Scan# 4273
Delta R.T. -0.009 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33

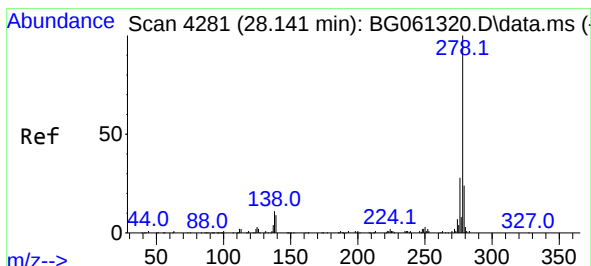
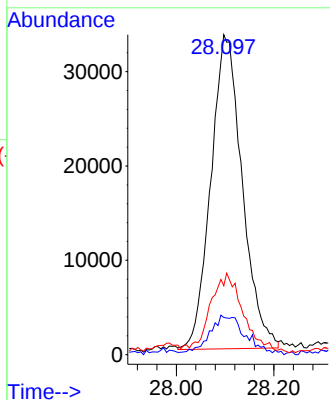
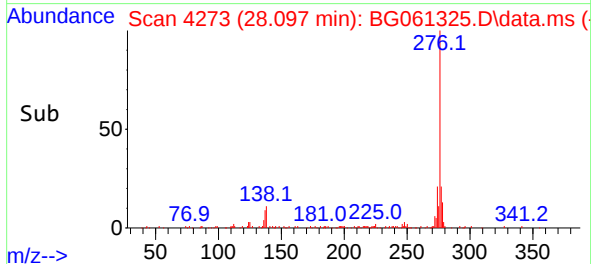
Instrument :
BNA_G
ClientSampleId :
BH5Q4



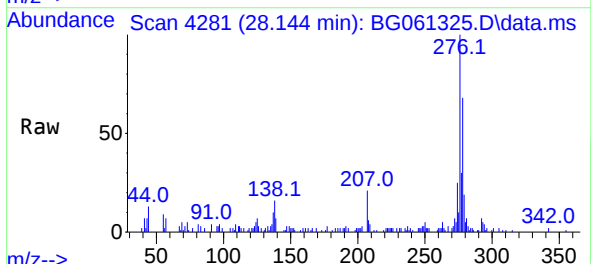
Tgt Ion:276 Resp: 148850
Ion Ratio Lower Upper
276 100
138 11.7 8.6 13.0
277 21.6 19.7 29.5

Manual Integrations
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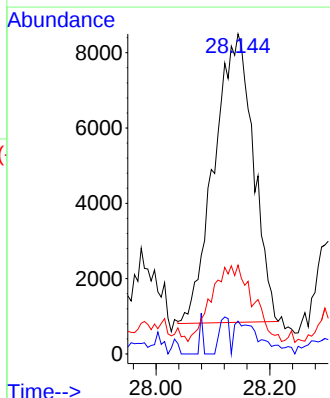
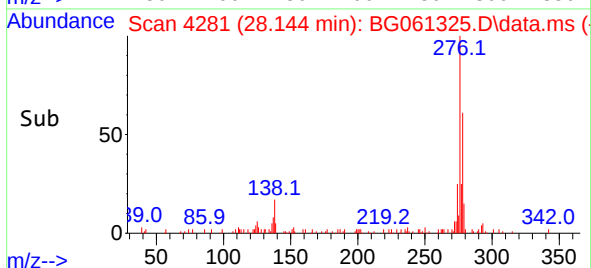
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

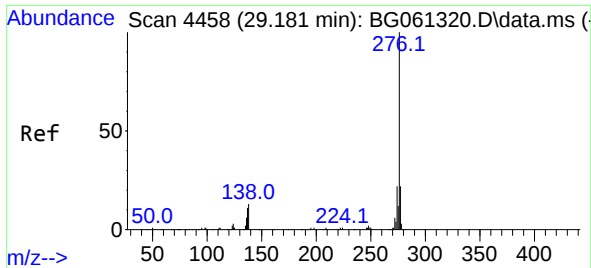


#95
Dibenzo(a,h)anthracene
Concen: 2.528 ng/ul
RT: 28.144 min Scan# 4281
Delta R.T. -0.015 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33



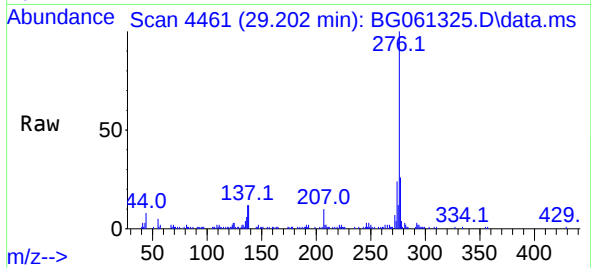
Tgt Ion:278 Resp: 36549
Ion Ratio Lower Upper
278 100
139 10.3 6.4 9.6#
279 27.8 19.9 29.9





#96
Benzo(g,h,i)perylene
Concen: 9.822 ng/ul m
RT: 29.202 min Scan# 44
Delta R.T. 0.009 min
Lab File: BG061325.D
Acq: 29 May 2024 12:33

Instrument :
BNA_G
ClientSampleId :
BH5Q4



Tgt Ion:276 Resp: 13698
Ion Ratio Lower Upper
276 100
138 12.2 8.7 13.1
277 25.6 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

