

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
 Data File : BG061411.D
 Acq On : 1 Jun 2024 3:47
 Operator : MA/JU
 Sample : P2588-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6E3

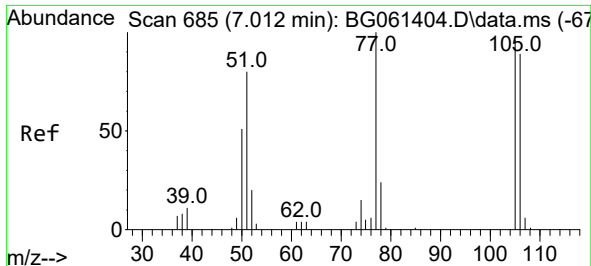
Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

Quant Time: Jun 01 04:30:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

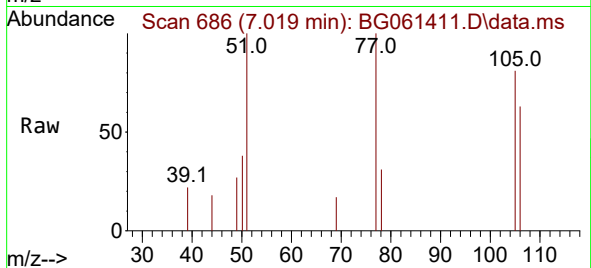
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	27827	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	108959	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	81737	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	192422	20.000	ng/u1	0.00
79) Chrysene-d12	21.514	240	195884	20.000	ng/u1	0.00
88) Perylene-d12	24.598	264	223292	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	1615m	3.248	ng/uL	0.01
4) Pyridine-d5	3.746	84	21930	12.397	ng/u1	0.00
7) Phenol-d5	7.060	99	37186	16.273	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	23293	16.217	ng/u1	0.00
11) 2-Chlorophenol-d4	7.412	132	30406	17.979	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	30500	15.653	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	15598	18.593	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	17963	18.296	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	35711	18.657	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	34800	13.897	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	119698	18.882	ng/u1	0.00
49) Acenaphthylene-d8	14.199	160	131127	19.896	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	11045	14.093	ng/u1	0.02
60) Fluorene-d10	15.503	176	112073	20.477	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	13805	11.862	ng/u1	0.00
73) Anthracene-d10	17.360	188	188747	22.249	ng/u1	0.00
81) Pyrene-d10	19.651	212	227371	22.607	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.387	264	244049	22.734	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.019	77	1649	1.380	ng/u1#	87
72) Phenanthrene	17.301	178	91154	9.760	ng/u1	98
74) Anthracene	17.389	178	13617	1.410	ng/u1	99
77) Carbazole	17.665	167	9714	1.237	ng/u1#	93
80) Fluoranthene	19.316	202	244799	20.289	ng/u1	99
82) Pyrene	19.680	202	226257	18.066	ng/u1	99
85) Benzo(a)anthracene	21.496	228	128686	9.521	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.402	149	25184	3.954	ng/u1#	94
87) Chrysene	21.555	228	135306	10.872	ng/u1	98
90) Benzo(b)fluoranthene	23.623	252	184554	13.882	ng/u1	99
91) Benzo(k)fluoranthene	23.682	252	64092m	4.749	ng/u1	
93) Benzo(a)pyrene	24.451	252	127131	10.070	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.100	276	93930m	6.153	ng/u1	
95) Dibenzo(a,h)anthracene	28.129	278	25443m	2.021	ng/u1	
96) Benzo(g,h,i)perylene	29.187	276	88784	7.310	ng/u1	100

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



#6
Benzaldehyde
Concen: 1.380 ng/ul
RT: 7.019 min Scan# 685
Delta R.T. 0.007 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47

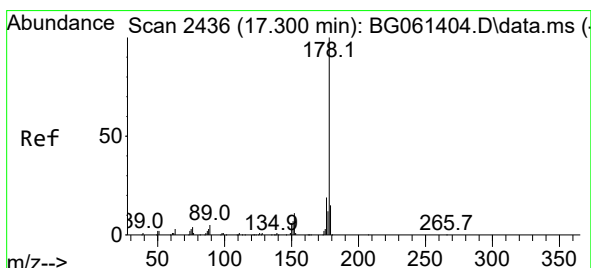
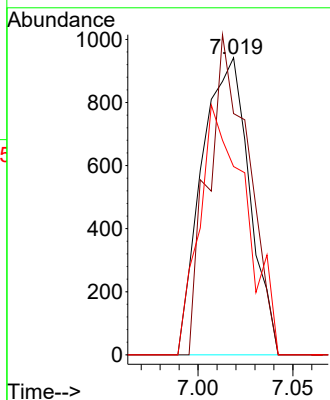
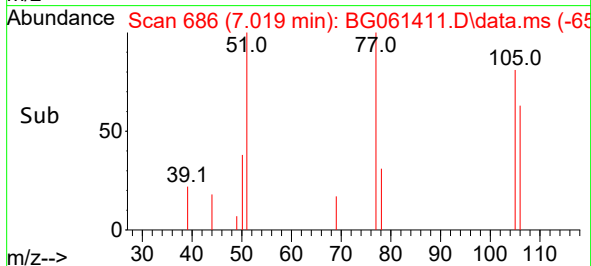
Instrument :
BNA_G
ClientSampleId :
BH6E3



Tgt Ion: 77 Resp: 1649
Ion Ratio Lower Upper
77 100
105 81.2 71.0 106.6
106 63.4 63.4 95.2

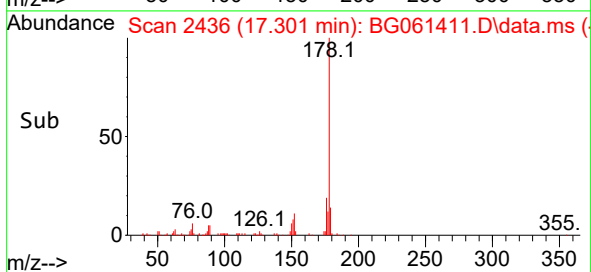
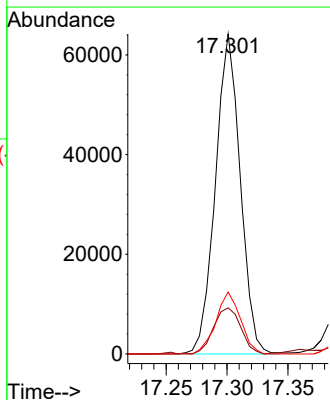
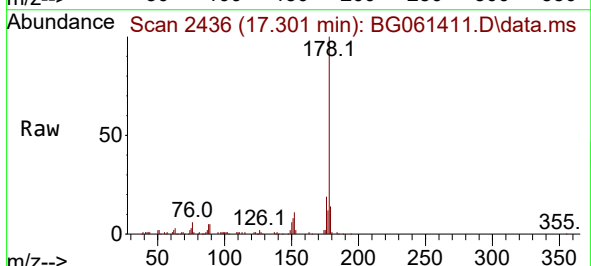
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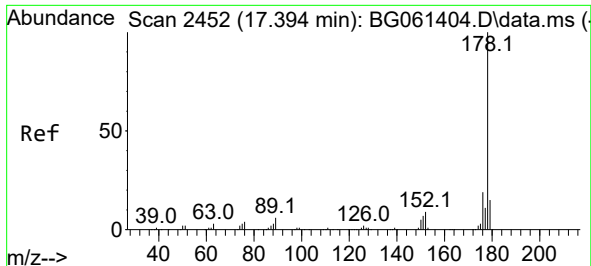
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#72
Phenanthrene
Concen: 9.760 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.001 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47

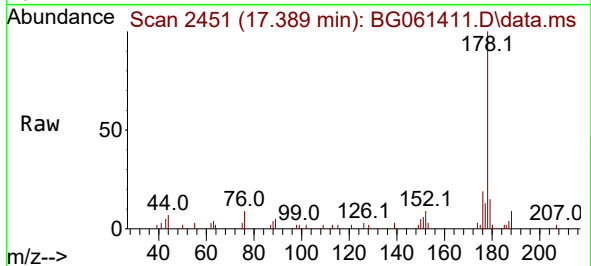
Tgt Ion:178 Resp: 91154
Ion Ratio Lower Upper
178 100
179 14.4 12.7 19.1
176 19.4 15.5 23.3





#74
 Anthracene
 Concen: 1.410 ng/ul
 RT: 17.389 min Scan# 2451
 Delta R.T. -0.004 min
 Lab File: BG061411.D
 Acq: 1 Jun 2024 3:47

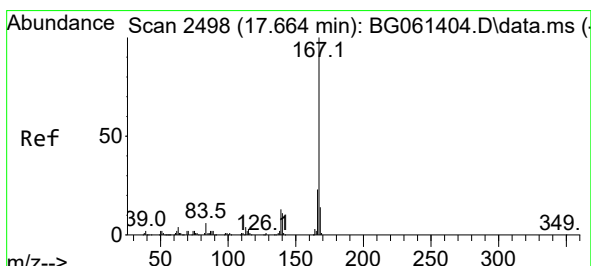
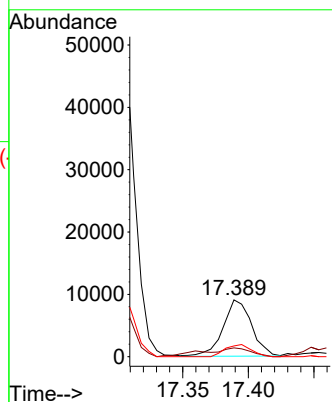
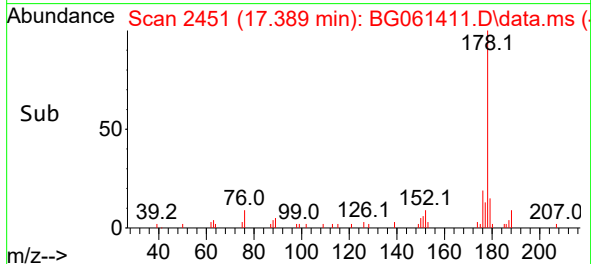
Instrument :
 BNA_G
 ClientSampleId :
 BH6E3



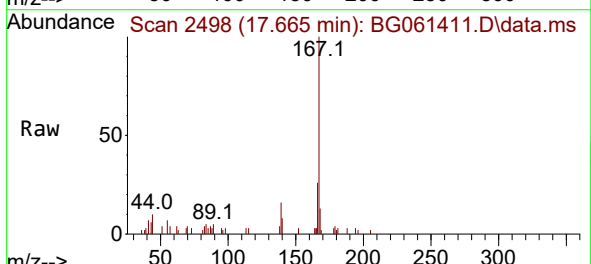
Tgt Ion:178 Resp: 1361
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.8 17.6
 176 19.0 14.9 22.3

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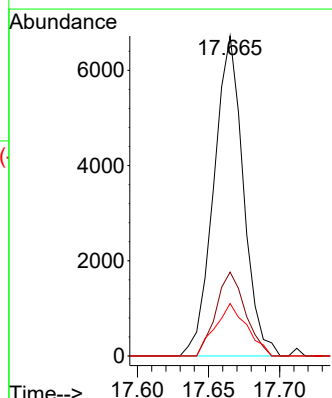
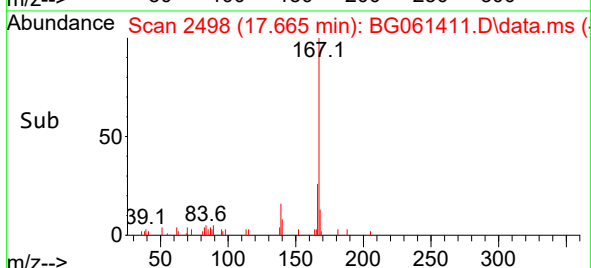
Reviewed By :Jagrut Upadhyay 06/03/2024
 Supervised By :mohammad ahmed 06/04/2024

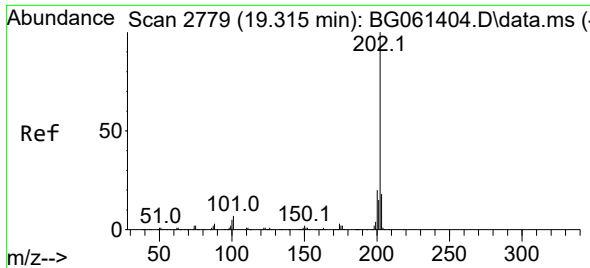


#77
 Carbazole
 Concen: 1.237 ng/ul
 RT: 17.665 min Scan# 2498
 Delta R.T. 0.001 min
 Lab File: BG061411.D
 Acq: 1 Jun 2024 3:47



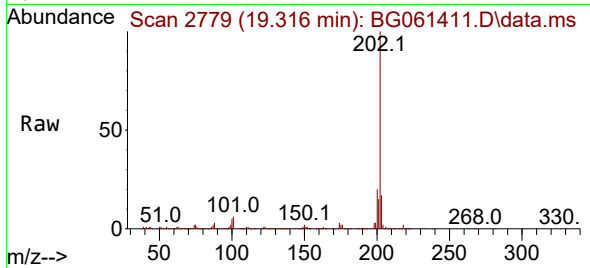
Tgt Ion:167 Resp: 9714
 Ion Ratio Lower Upper
 167 100
 166 26.2 18.6 28.0
 139 16.4 10.6 15.8#





#80
Fluoranthene
Concen: 20.289 ng/ul
RT: 19.316 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47

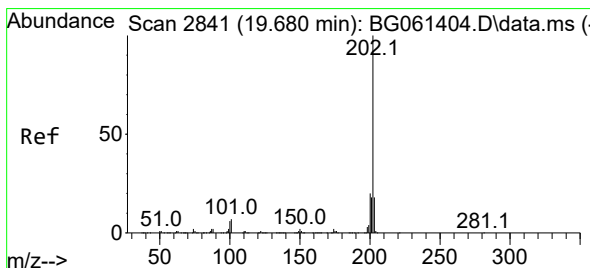
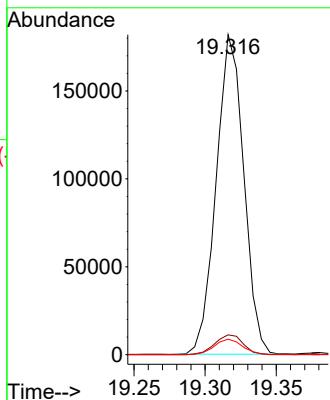
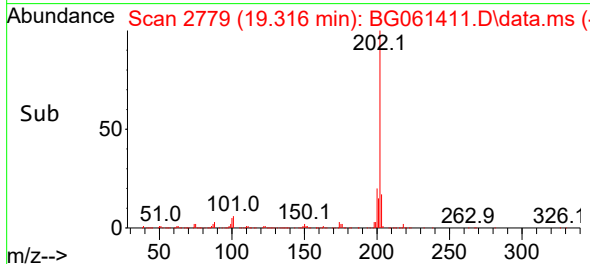
Instrument :
BNA_G
ClientSampleId :
BH6E3



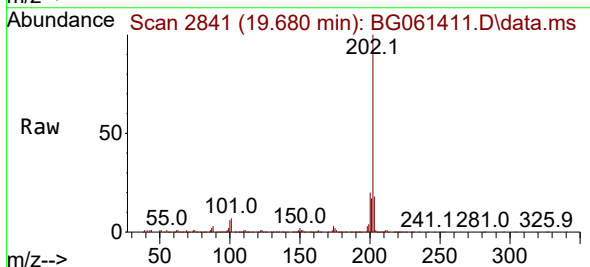
Tgt Ion:202 Resp: 244799
Ion Ratio Lower Upper
202 100
101 6.2 4.8 7.2
100 4.9 4.1 6.1

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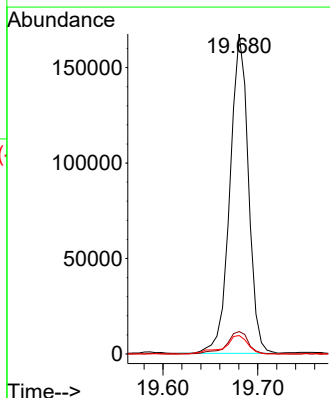
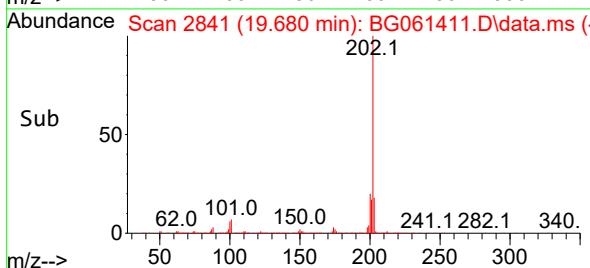
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

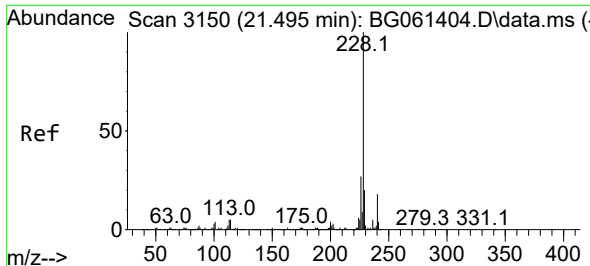


#82
Pyrene
Concen: 18.066 ng/ul
RT: 19.680 min Scan# 2841
Delta R.T. 0.001 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47



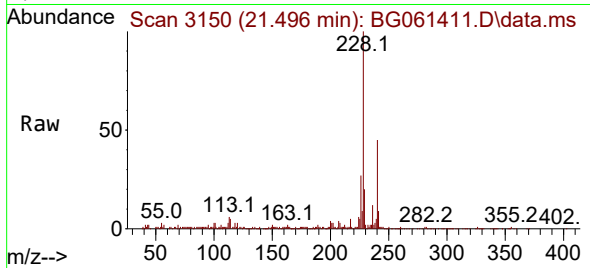
Tgt Ion:202 Resp: 226257
Ion Ratio Lower Upper
202 100
101 7.0 5.7 8.5
100 5.8 5.1 7.7





#85
Benzo(a)anthracene
Concen: 9.521 ng/ul
RT: 21.496 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47

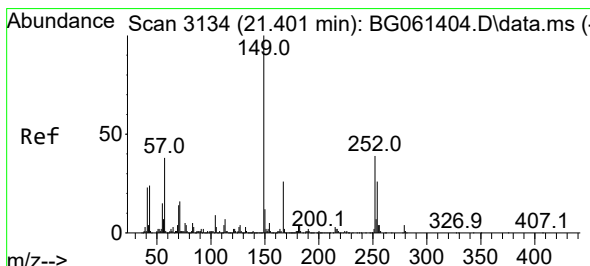
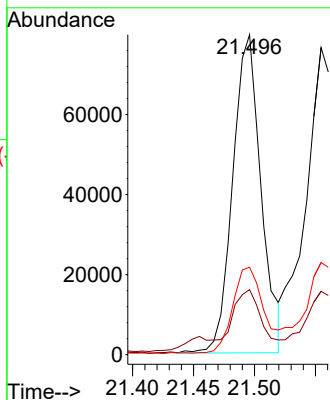
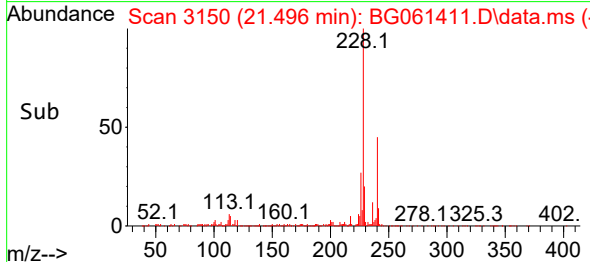
Instrument :
BNA_G
ClientSampleId :
BH6E3



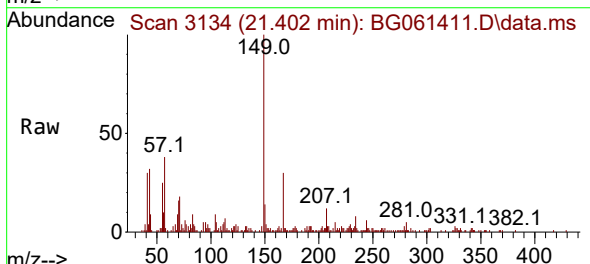
Tgt Ion:228 Resp: 128680
Ion Ratio Lower Upper
228 100
229 20.4 15.2 22.8
226 27.3 21.4 32.2

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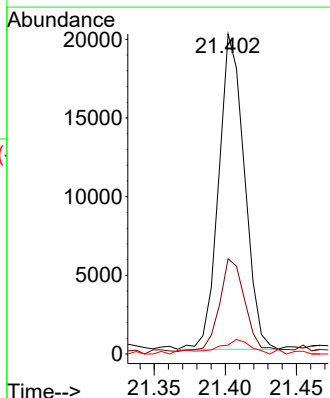
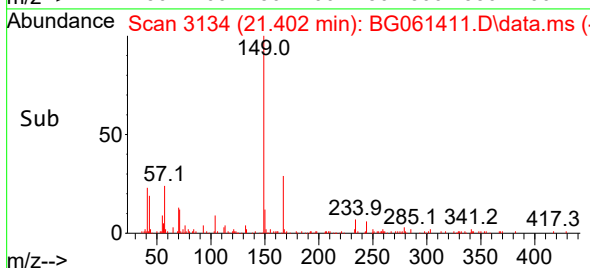
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

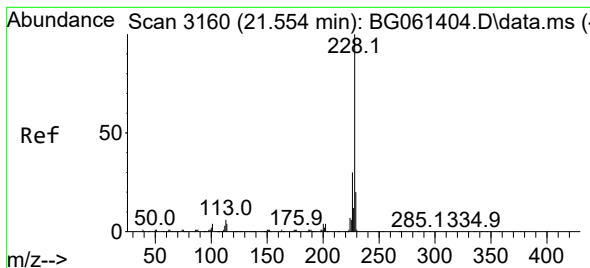


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.954 ng/ul
RT: 21.402 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47



Tgt Ion:149 Resp: 25184
Ion Ratio Lower Upper
149 100
167 29.7 21.1 31.7
279 2.7 3.3 4.9#





#87

Chrysene

Concen: 10.872 ng/ul

RT: 21.555 min Scan# 3160

Delta R.T. 0.001 min

Lab File: BG061411.D

Acq: 1 Jun 2024 3:47

Instrument :

BNA_G

ClientSampleId :

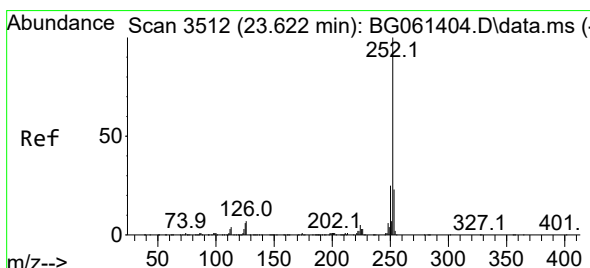
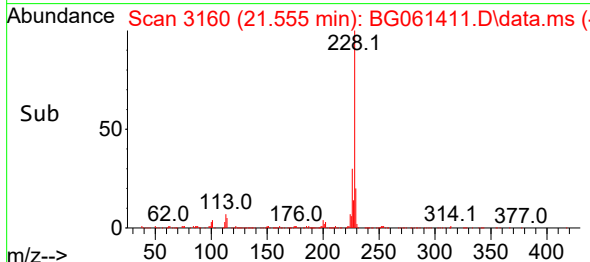
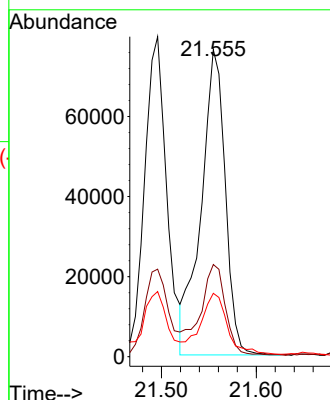
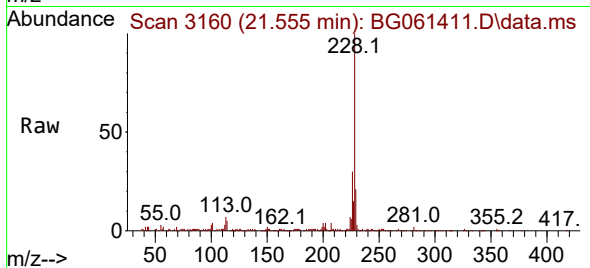
BH6E3

Tgt Ion:	228	Resp:	135300
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	20.7	15.4	23.2

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 13.882 ng/ul

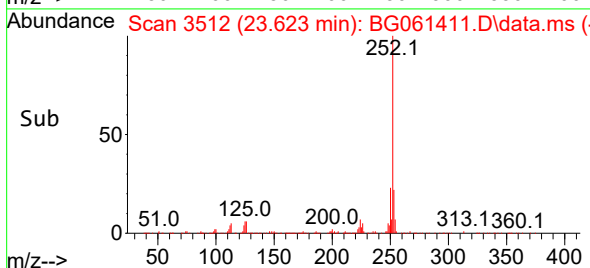
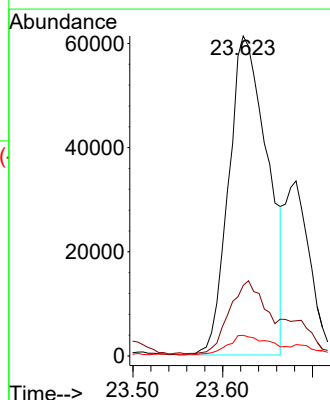
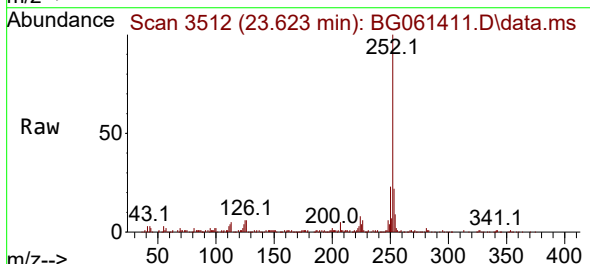
RT: 23.623 min Scan# 3512

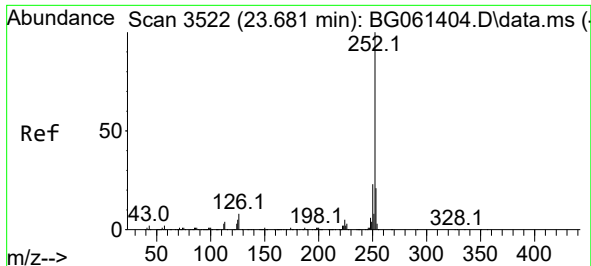
Delta R.T. 0.007 min

Lab File: BG061411.D

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Tgt Ion:	252	Resp:	184554
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	6.5	4.6	6.8





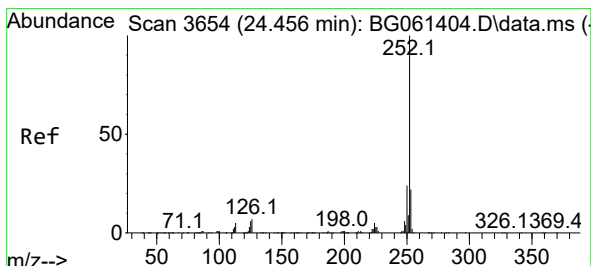
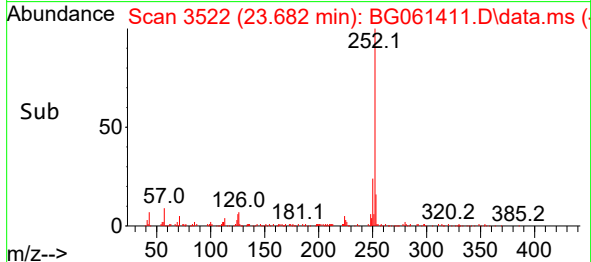
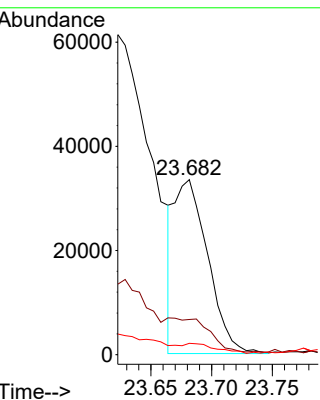
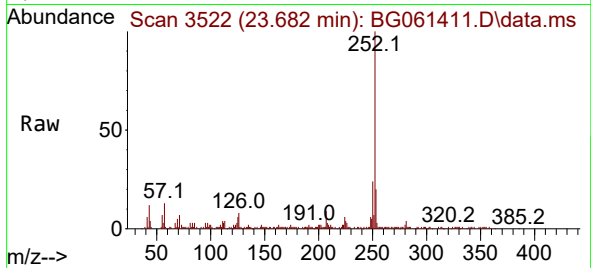
#91
Benzo(k)fluoranthene
Concen: 4.749 ng/ul m
RT: 23.682 min Scan# 3522
Delta R.T. 0.001 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47

Instrument :
BNA_G
ClientSampleId :
BH6E3

Tgt Ion:252 Resp: 64092
Ion Ratio Lower Upper
252 100
253 20.1 16.0 24.0
125 6.5 4.3 6.5

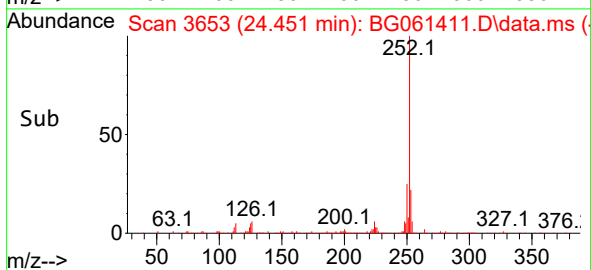
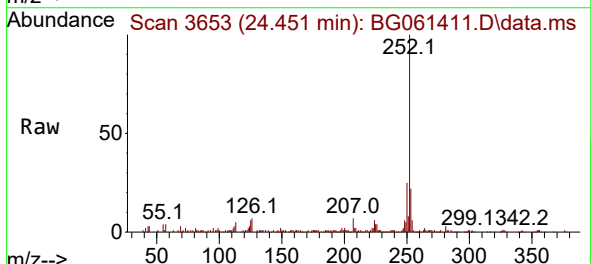
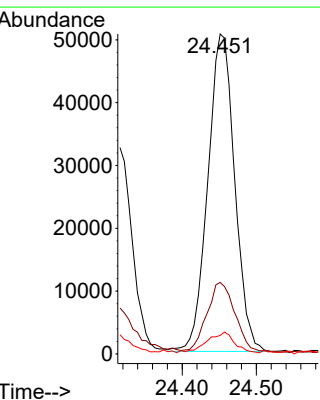
Manual Integrations
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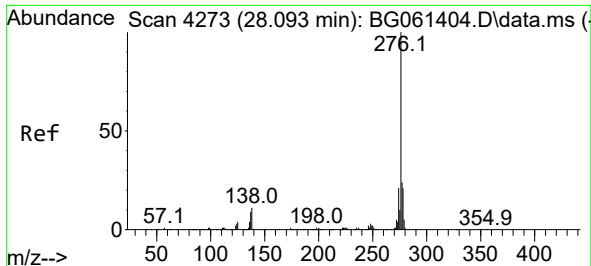
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#93
Benzo(a)pyrene
Concen: 10.070 ng/ul
RT: 24.451 min Scan# 3653
Delta R.T. 0.001 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47

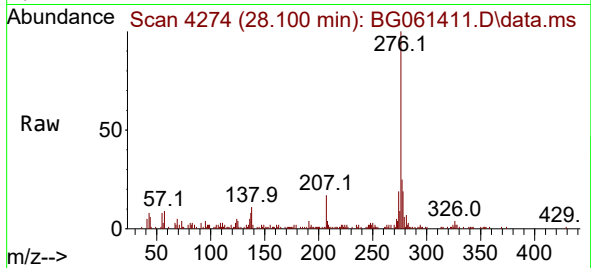
Tgt Ion:252 Resp: 127131
Ion Ratio Lower Upper
252 100
253 22.4 16.4 24.6
125 5.8 4.3 6.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 6.153 ng/ul m
RT: 28.100 min Scan# 4273
Delta R.T. 0.007 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47

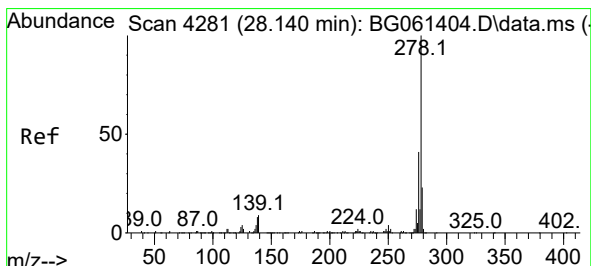
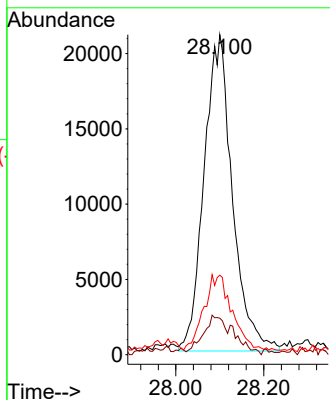
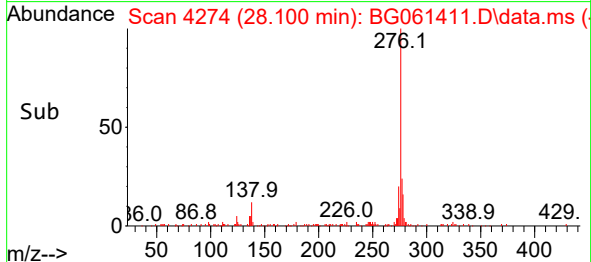
Instrument :
BNA_G
ClientSampleId :
BH6E3



Tgt Ion:276 Resp: 93930
Ion Ratio Lower Upper
276 100
138 11.4 8.6 13.0
277 24.9 19.7 29.5

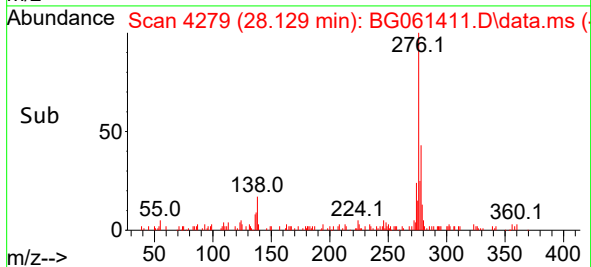
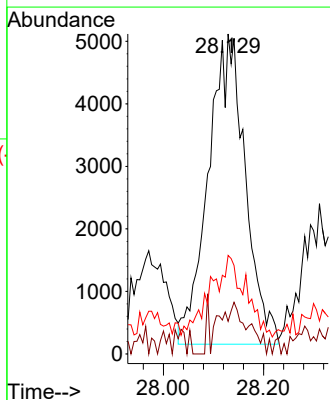
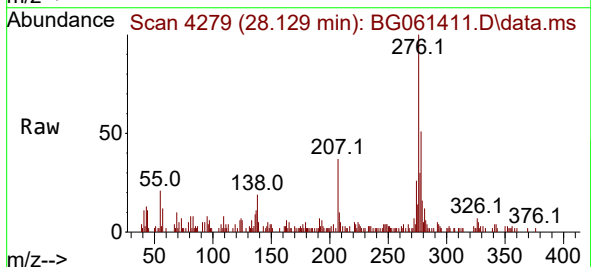
Manual Integrations
APPROVED

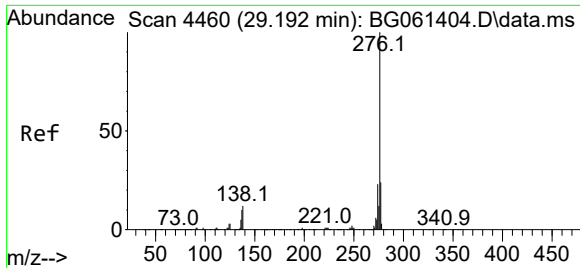
Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024



#95
Dibenzo(a,h)anthracene
Concen: 2.021 ng/ul m
RT: 28.129 min Scan# 4279
Delta R.T. -0.010 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47

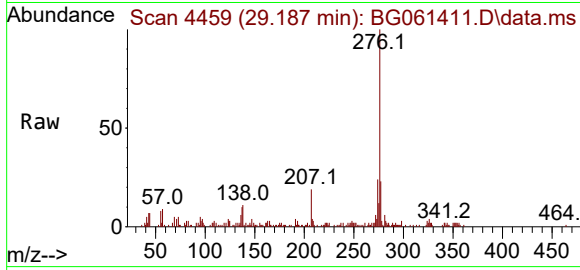
Tgt Ion:278 Resp: 25443
Ion Ratio Lower Upper
278 100
139 10.2 6.4 9.6#
279 30.8 19.9 29.9#





#96
Benzo(g,h,i)perylene
Concen: 7.310 ng/ul
RT: 29.187 min Scan# 4459
Delta R.T. 0.013 min
Lab File: BG061411.D
Acq: 1 Jun 2024 3:47

Instrument :
BNA_G
ClientSampleId :
BH6E3



Tgt Ion:276 Resp: 88784
Ion Ratio Lower Upper
276 100
138 11.2 8.7 13.1
277 22.6 18.2 27.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

