

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061840.D
 Acq On : 2 Jul 2024 10:22
 Operator : MA/JU
 Sample : P2963-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 12:07:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	77007	20.000	ng/u1	0.00
20) Naphthalene-d8	10.870	136	352062	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.683	164	224754	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	468992	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	350960	20.000	ng/u1	0.00
88) Perylene-d12	24.918	264	420954	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	9049	4.245	ng/uL	0.00
4) Pyridine-d5	3.890	84	31348	4.864	ng/u1	0.02
7) Phenol-d5	7.215	99	207890	24.868	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.380	67	125339	24.051	ng/u1	0.00
11) 2-Chlorophenol-d4	7.585	132	152127	26.518	ng/u1	0.00
15) 4-Methylphenol-d8	8.760	113	160868	24.892	ng/u1	0.00
21) Nitrobenzene-d5	9.225	128	73563	30.773	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	82841	34.216	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	159541	27.829	ng/u1	0.00
31) 4-Chloroaniline-d4	11.005	131	46725	5.383	ng/u1	0.00
46) Dimethylphthalate-d6	14.089	166	491497	28.417	ng/u1	0.00
49) Acenaphthylene-d8	14.383	160	535405	28.247	ng/u1	0.00
54) 4-Nitrophenol-d4	14.883	143	67720	22.798	ng/u1	0.02
60) Fluorene-d10	15.676	176	424708	28.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	38542	19.219	ng/u1	0.00
73) Anthracene-d10	17.527	188	645312	30.144	ng/u1	0.00
81) Pyrene-d10	19.812	212	566048	28.874	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.695	264	419037	20.842	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.917	128	33080	1.679	ng/u1	97
50) Acenaphthylene	14.407	152	27480	1.299	ng/u1	95
52) Acenaphthene	14.748	153	33141	2.262	ng/u1	97
56) Dibenzofuran	15.082	168	33217	1.620	ng/u1	89
61) Fluorene	15.729	166	35337	2.082	ng/u1#	96
72) Phenanthrene	17.474	178	664285	26.923	ng/u1	98
74) Anthracene	17.562	178	134031	5.312	ng/u1	96
77) Carbazole	17.832	167	58619	2.736	ng/u1#	90
80) Fluoranthene	19.477	202	1002852	44.089	ng/u1	97
82) Pyrene	19.842	202	746569	30.868	ng/u1	96
85) Benzo(a)anthracene	21.675	228	460557	18.695	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.581	149	75350	5.821	ng/u1	98
87) Chrysene	21.739	228	507500	21.771	ng/u1	98
90) Benzo(b)fluoranthene	23.901	252	674555	26.657	ng/u1	98
91) Benzo(k)fluoranthene	23.954	252	229750	8.828	ng/u1#	97
93) Benzo(a)pyrene	24.765	252	259413	10.648	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.596	276	260452	8.580	ng/u1	95
95) Dibenzo(a,h)anthracene	28.625	278	98740m	3.912	ng/u1	
96) Benzo(g,h,i)perylene	29.753	276	37869m	1.547	ng/u1	

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

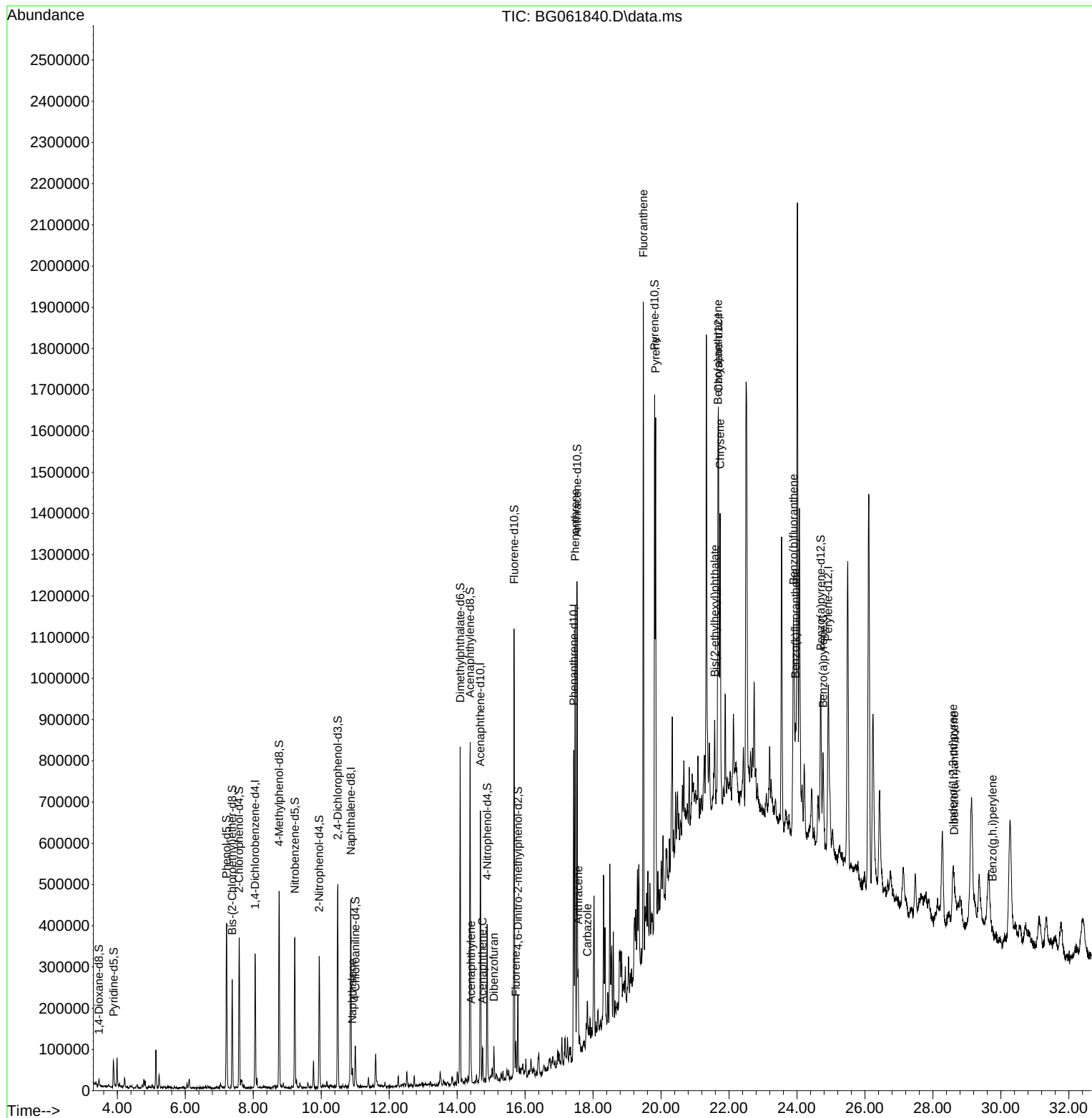
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061840.D
 Acq On : 2 Jul 2024 10:22
 Operator : MA/JU
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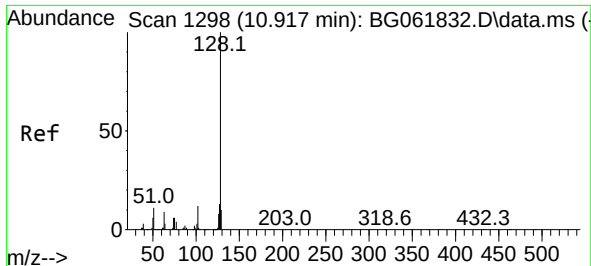
Instrument :
 BNA_G
 ClientSampleId :
 A4CQ7

Quant Time: Jul 02 12:07:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
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 Supervised By :mohammad ahmed 07/04/2024





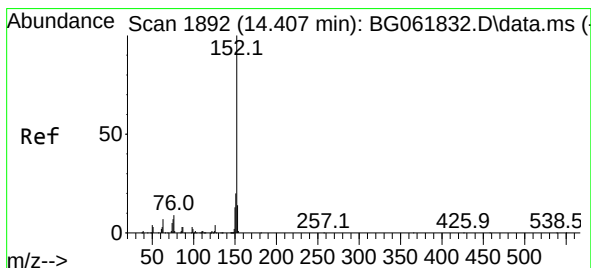
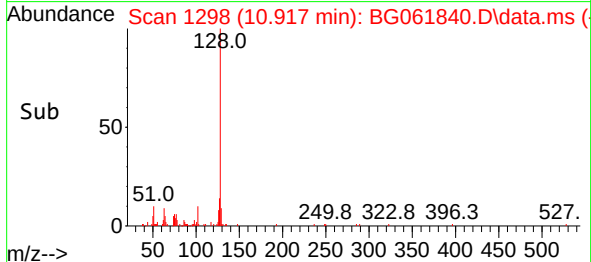
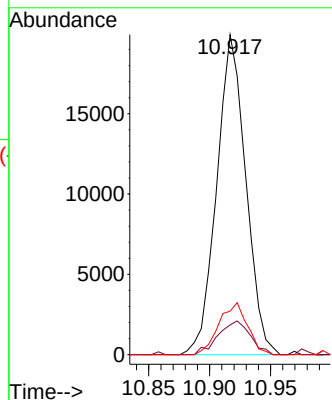
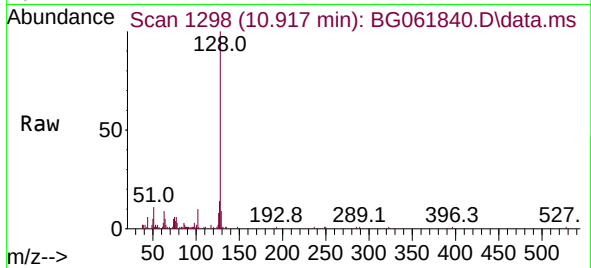
#30
Naphthalene
Concen: 1.679 ng/ul
RT: 10.917 min Scan# 1298
Delta R.T. -0.004 min
Lab File: BG061840.D
Acq: 2 Jul 2024 10:22

Instrument :
BNA_G
ClientSampleId :
A4CQ7

Tgt Ion:128 Resp: 33080
Ion Ratio Lower Upper
128 100
129 9.3 9.0 13.6
127 13.6 10.5 15.7

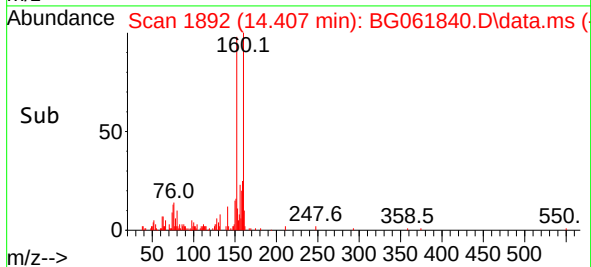
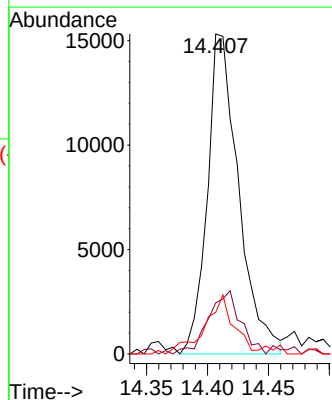
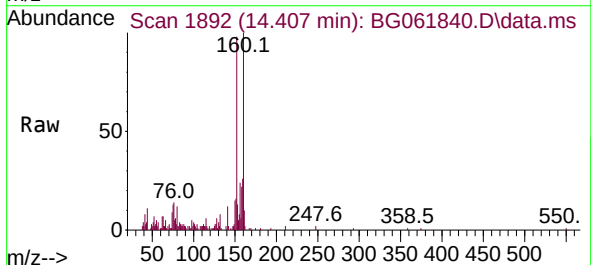
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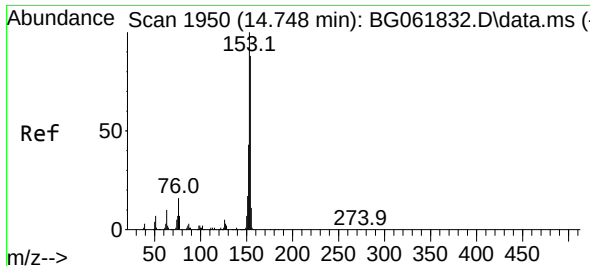
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#50
Acenaphthylene
Concen: 1.299 ng/ul
RT: 14.407 min Scan# 1892
Delta R.T. -0.004 min
Lab File: BG061840.D
Acq: 2 Jul 2024 10:22

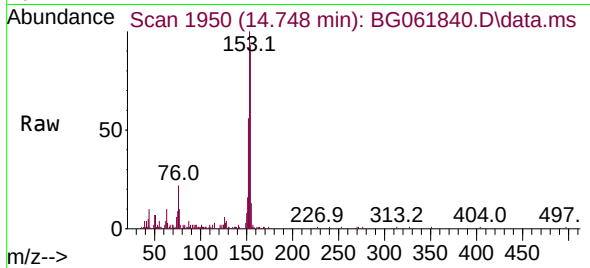
Tgt Ion:152 Resp: 27480
Ion Ratio Lower Upper
152 100
151 16.0 15.3 22.9
153 13.0 11.0 16.4





#52
Acenaphthene
Concen: 2.262 ng/ul
RT: 14.748 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG061840.D
Acq: 2 Jul 2024 10:22

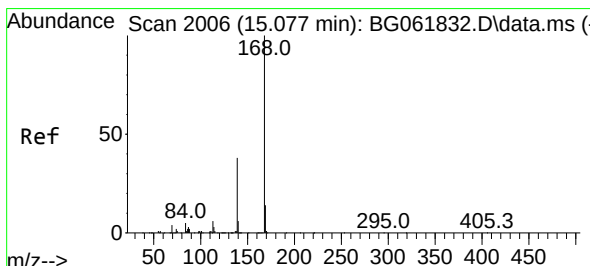
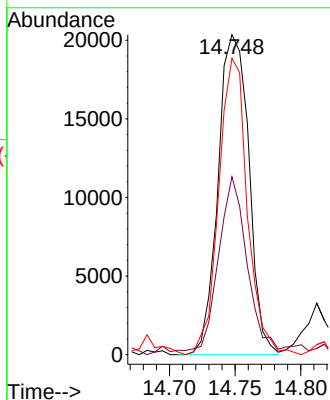
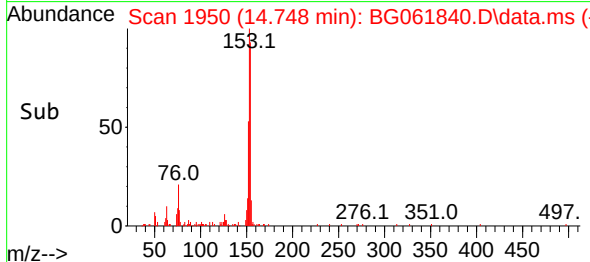
Instrument :
BNA_G
ClientSampleId :
A4CQ7



Tgt Ion:153 Resp: 3314
Ion Ratio Lower Upper
153 100
152 55.6 40.0 60.0
154 92.6 74.1 111.1

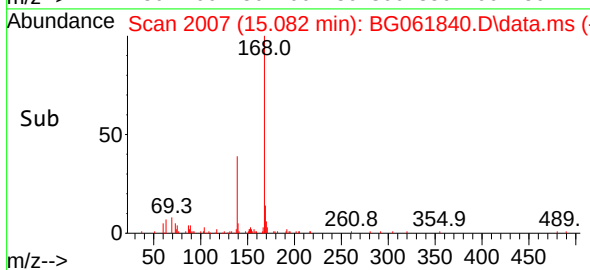
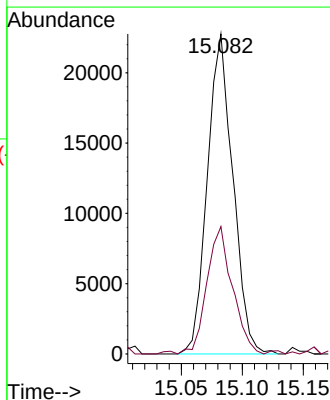
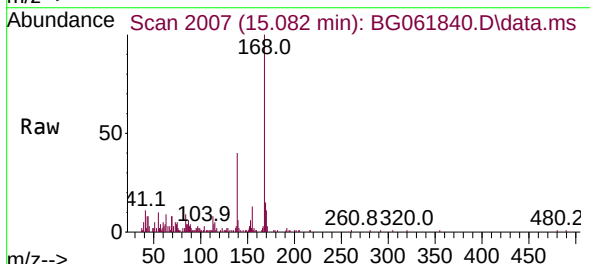
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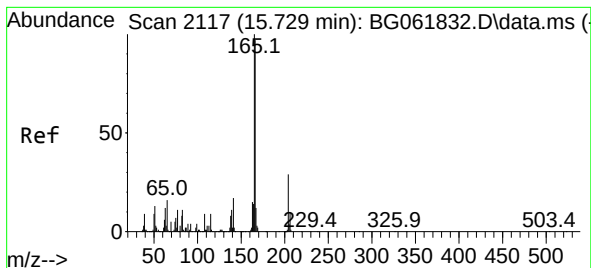
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#56
Dibenzofuran
Concen: 1.620 ng/ul
RT: 15.082 min Scan# 2007
Delta R.T. -0.004 min
Lab File: BG061840.D
Acq: 2 Jul 2024 10:22

Tgt Ion:168 Resp: 33217
Ion Ratio Lower Upper
168 100
139 39.8 27.0 40.4





#61

Fluorene

Concen: 2.082 ng/ul

RT: 15.729 min Scan# 2117

Delta R.T. -0.004 min

Lab File: BG061840.D

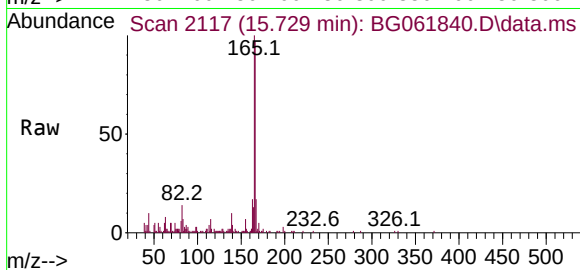
Acq: 2 Jul 2024 10:22

Instrument :

BNA_G

ClientSampleId :

A4CQ7

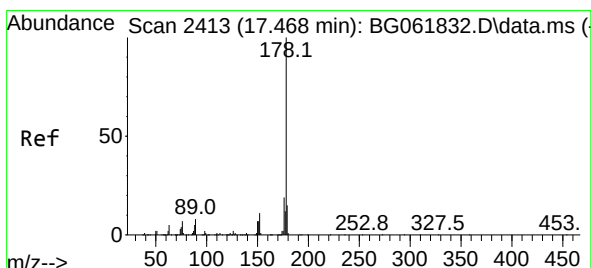
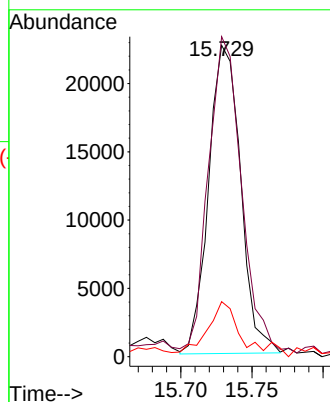
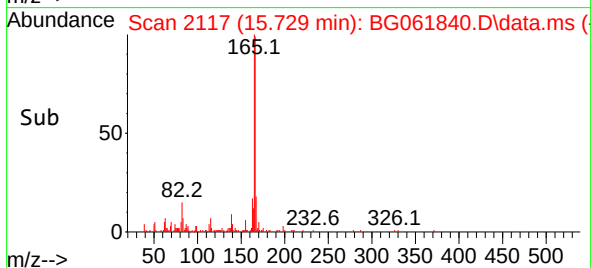


Tgt Ion:	166	Resp:	3533
Ion Ratio	Lower	Upper	
166	100		
165	102.8	84.9	127.3
167	17.7	10.9	16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#72

Phenanthrene

Concen: 26.923 ng/ul

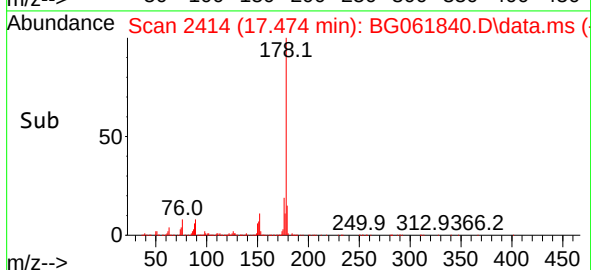
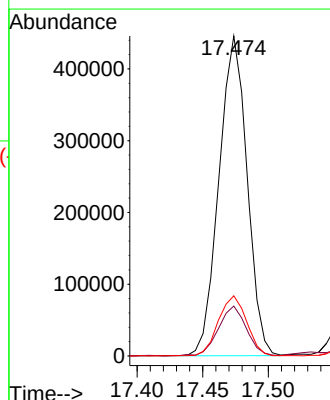
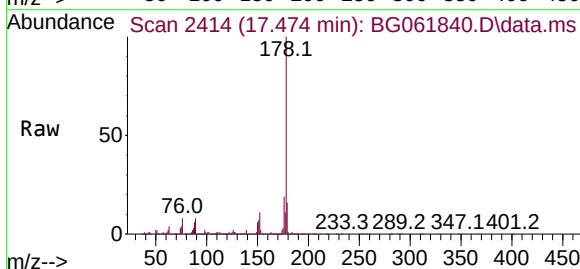
RT: 17.474 min Scan# 2414

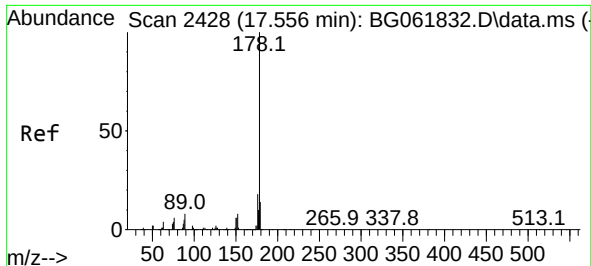
Delta R.T. 0.002 min

Lab File: BG061840.D

Acq: 2 Jul 2024 10:22

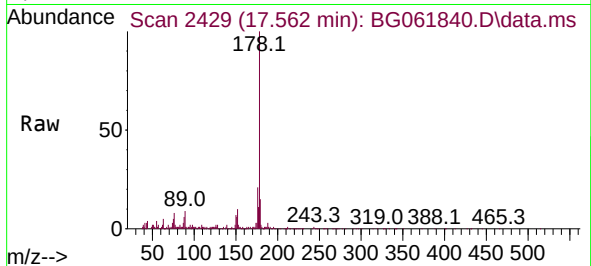
Tgt Ion:	178	Resp:	664285
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.0	18.0
176	18.8	16.2	24.2





#74
 Anthracene
 Concen: 5.312 ng/ul
 RT: 17.562 min Scan# 2428
 Delta R.T. -0.004 min
 Lab File: BG061840.D
 Acq: 2 Jul 2024 10:22

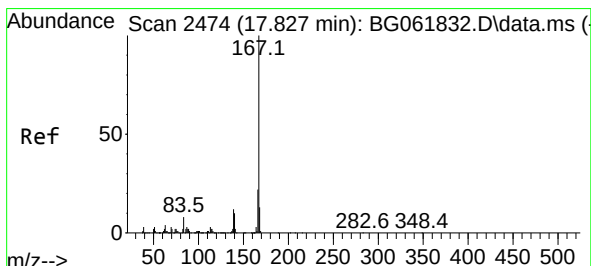
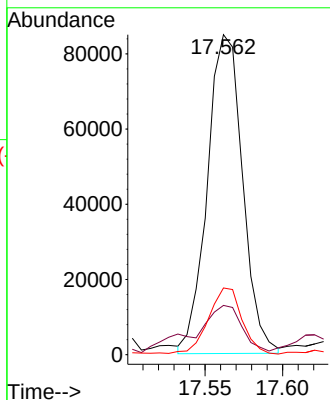
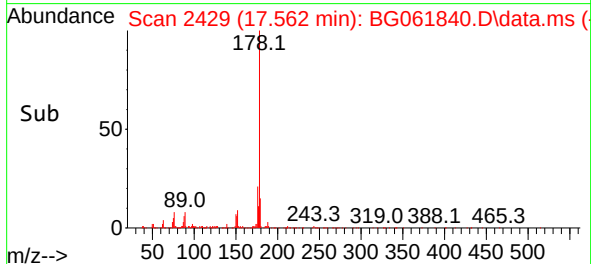
Instrument :
 BNA_G
 ClientSampleId :
 A4CQ7



Tgt Ion:178 Resp: 13403
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.4 17.2
 176 20.9 14.7 22.1

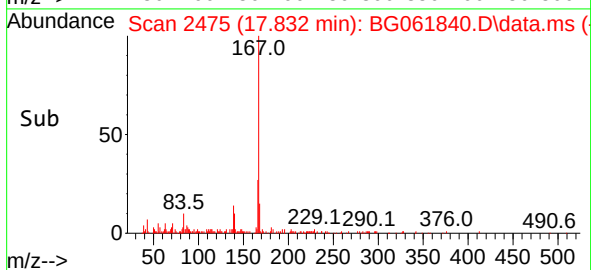
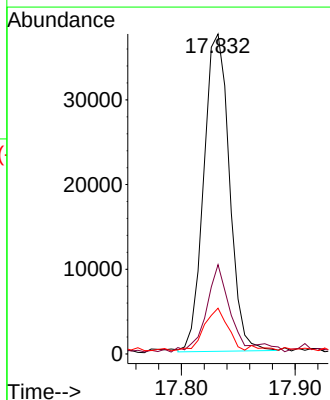
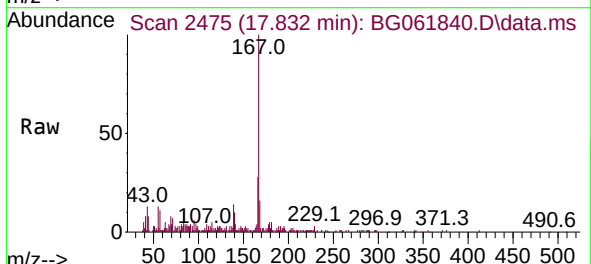
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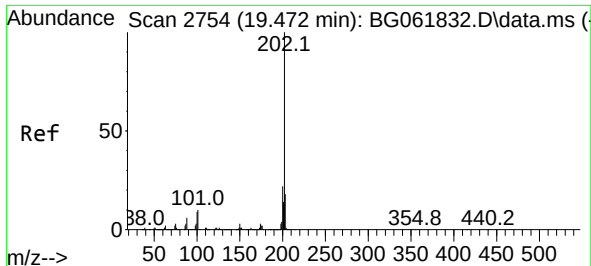
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#77
 Carbazole
 Concen: 2.736 ng/ul
 RT: 17.832 min Scan# 2475
 Delta R.T. 0.002 min
 Lab File: BG061840.D
 Acq: 2 Jul 2024 10:22

Tgt Ion:167 Resp: 58619
 Ion Ratio Lower Upper
 167 100
 166 27.9 17.5 26.3#
 139 14.3 9.4 14.2#





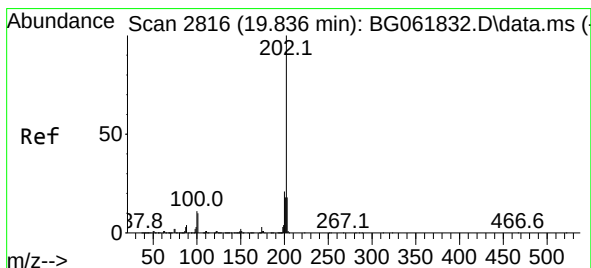
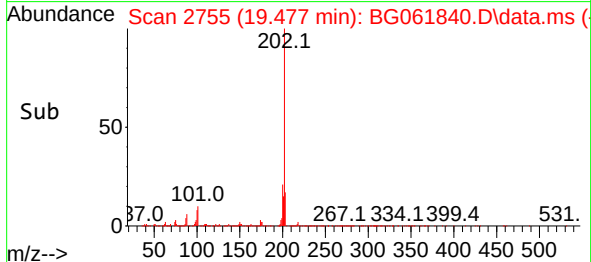
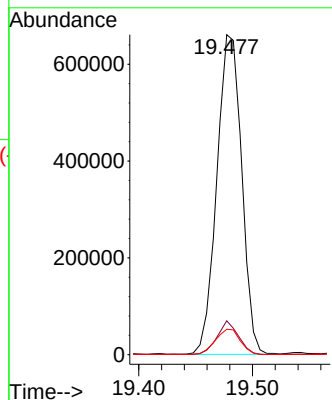
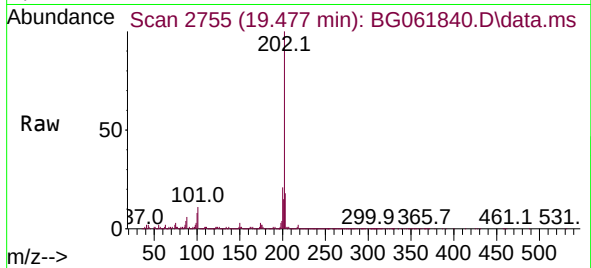
#80
Fluoranthene
Concen: 44.089 ng/ul
RT: 19.477 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG061840.D
Acq: 2 Jul 2024 10:22

Instrument :
BNA_G
ClientSampleId :
A4CQ7

Tgt Ion:202 Resp: 100285
Ion Ratio Lower Upper
202 100
101 10.6 7.8 11.6
100 8.0 7.7 11.5

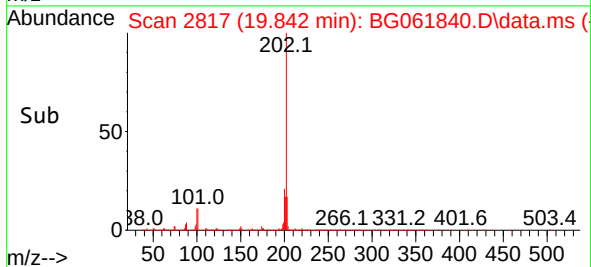
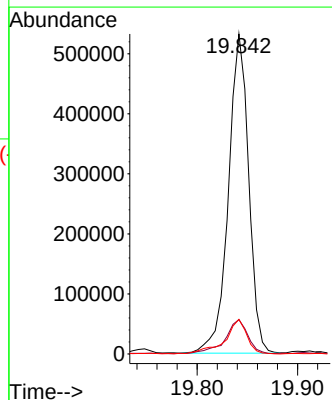
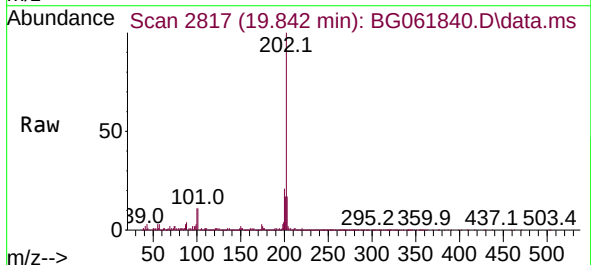
Manual Integrations
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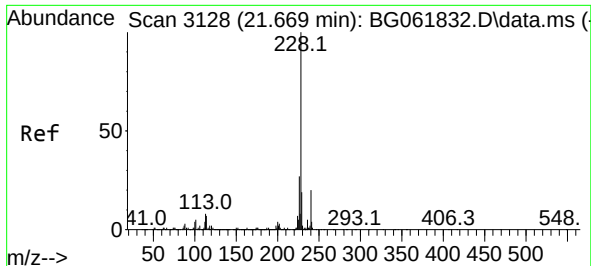
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#82
Pyrene
Concen: 30.868 ng/ul
RT: 19.842 min Scan# 2817
Delta R.T. 0.002 min
Lab File: BG061840.D
Acq: 2 Jul 2024 10:22

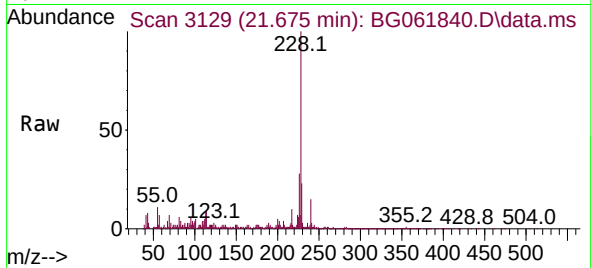
Tgt Ion:202 Resp: 746569
Ion Ratio Lower Upper
202 100
101 10.8 10.1 15.1
100 10.8 9.9 14.9





#85
Benzo(a)anthracene
Concen: 18.695 ng/ul
RT: 21.675 min Scan# 3129
Delta R.T. 0.002 min
Lab File: BG061840.D
Acq: 2 Jul 2024 10:22

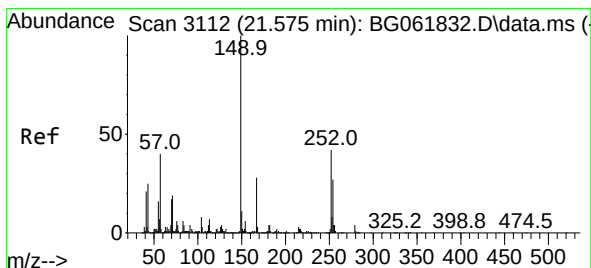
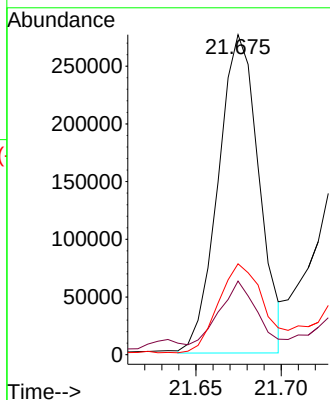
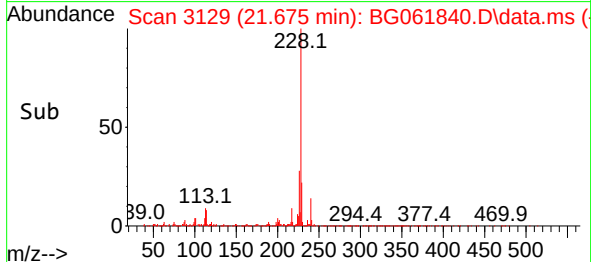
Instrument :
BNA_G
ClientSampleId :
A4CQ7



Tgt Ion:228 Resp: 46055
Ion Ratio Lower Upper
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229 23.0 15.8 23.8
226 28.4 21.4 32.2

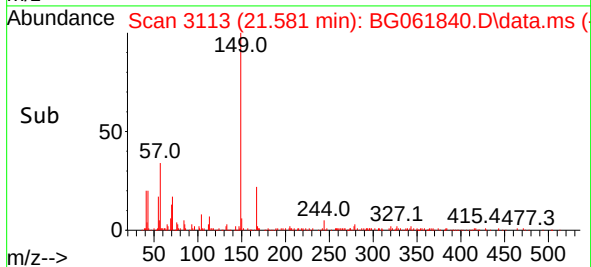
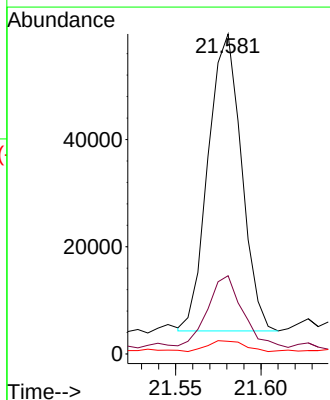
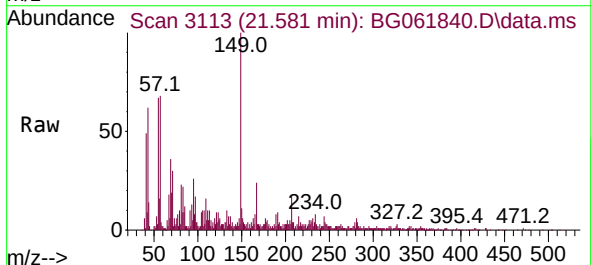
Manual Integrations
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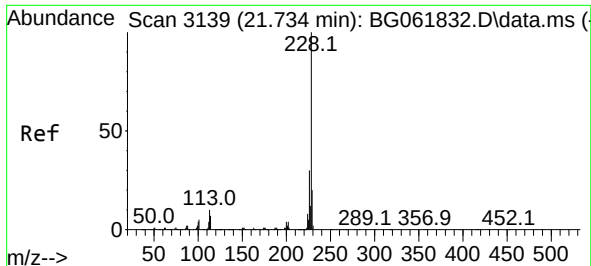
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 5.821 ng/ul
RT: 21.581 min Scan# 3113
Delta R.T. -0.010 min
Lab File: BG061840.D
Acq: 2 Jul 2024 10:22

Tgt Ion:149 Resp: 75350
Ion Ratio Lower Upper
149 100
167 24.4 20.5 30.7
279 4.0 2.9 4.3





#87

Chrysene

Concen: 21.771 ng/ul

RT: 21.739 min Scan# 3139

Delta R.T. 0.002 min

Lab File: BG061840.D

Acq: 2 Jul 2024 10:22

Instrument :

BNA_G

ClientSampleId :

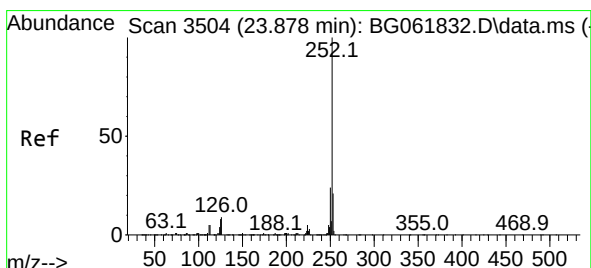
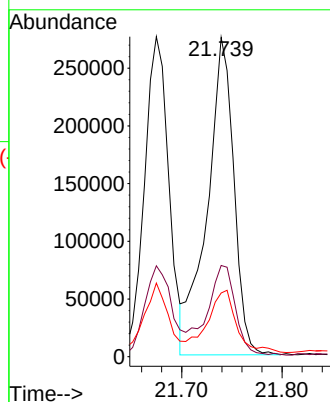
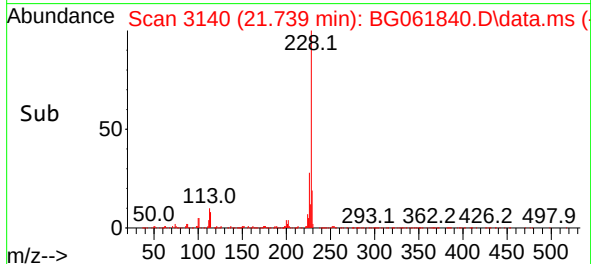
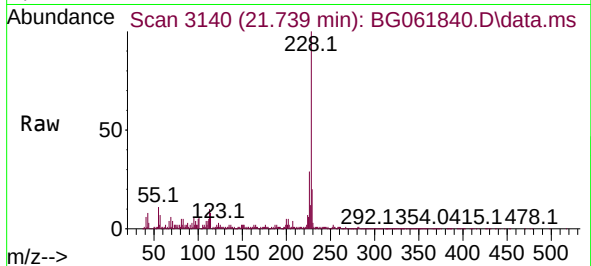
A4CQ7

Tgt Ion:	228	Resp:	507500
Ion Ratio	Lower	Upper	
228	100		
226	28.6	24.2	36.2
229	19.9	16.5	24.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#90

Benzo(b)fluoranthene

Concen: 26.657 ng/ul

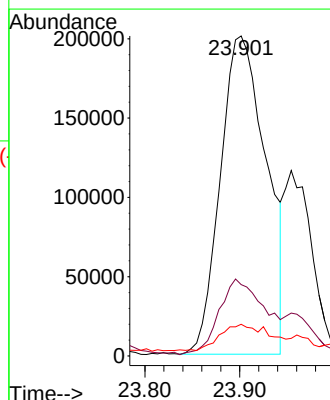
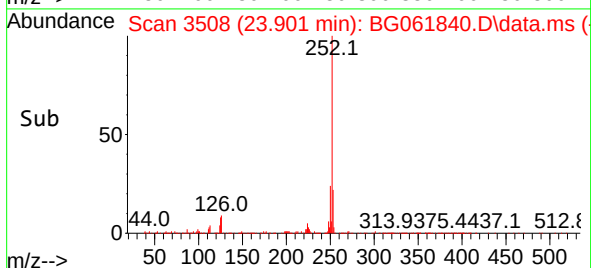
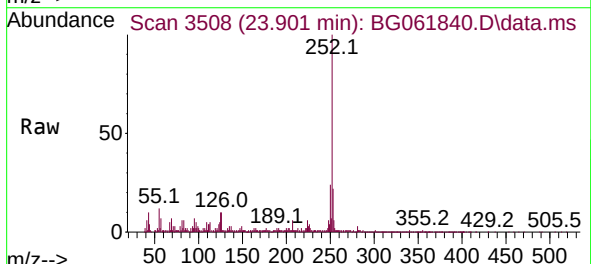
RT: 23.901 min Scan# 3508

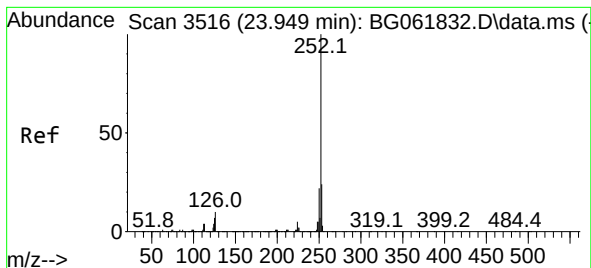
Delta R.T. 0.014 min

Lab File: BG061840.D

Acq: 2 Jul 2024 10:22

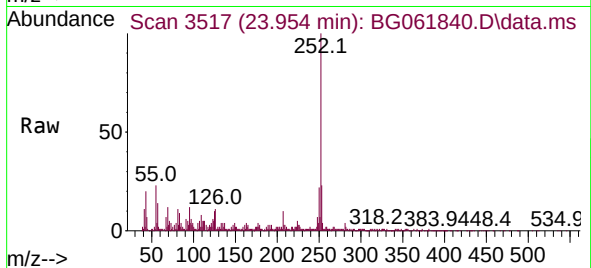
Tgt Ion:	252	Resp:	674555
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.6	27.8
125	9.9	7.0	10.6





#91
Benzo(k)fluoranthene
Concen: 8.828 ng/ul
RT: 23.954 min Scan# 3516
Delta R.T. -0.004 min
Lab File: BG061840.D
Acq: 2 Jul 2024 10:22

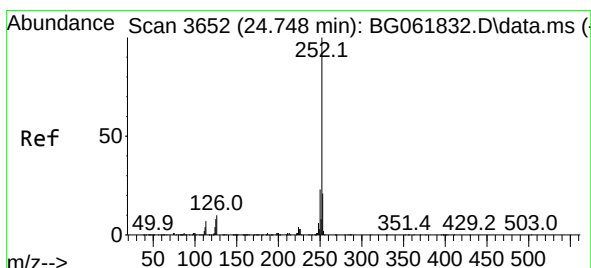
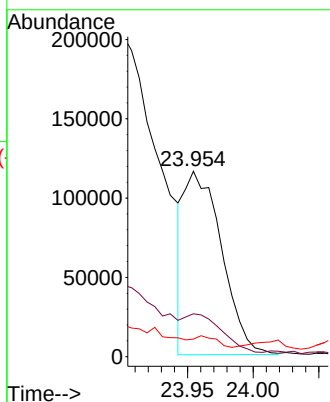
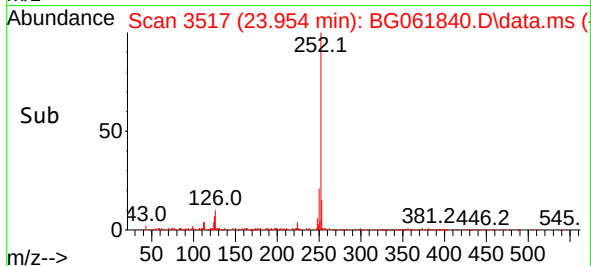
Instrument :
BNA_G
ClientSampleId :
A4CQ7



Tgt Ion:252 Resp: 229750
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 9.5 6.2 9.2

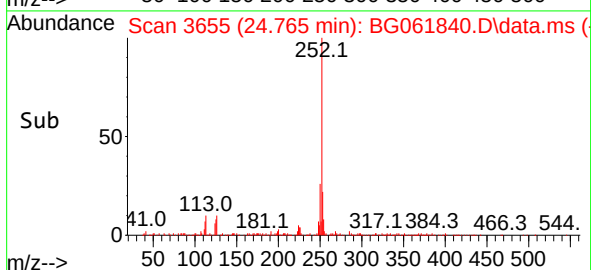
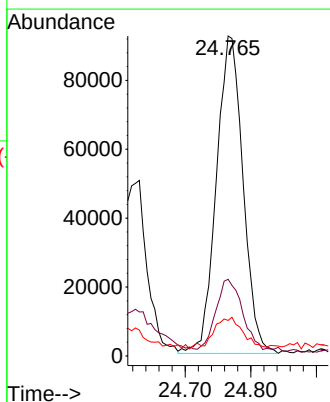
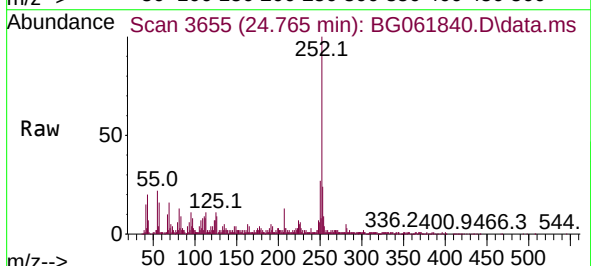
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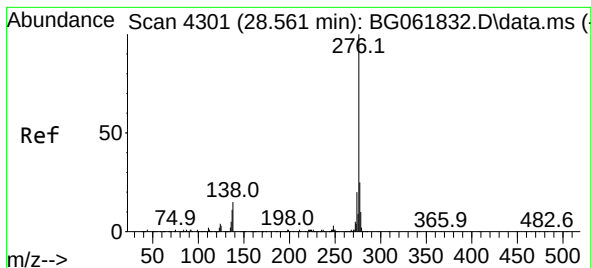
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#93
Benzo(a)pyrene
Concen: 10.648 ng/ul
RT: 24.765 min Scan# 3655
Delta R.T. 0.002 min
Lab File: BG061840.D
Acq: 2 Jul 2024 10:22

Tgt Ion:252 Resp: 259413
Ion Ratio Lower Upper
252 100
253 23.9 16.8 25.2
125 11.1 6.5 9.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.580 ng/ul

RT: 28.596 min Scan# 4307

Delta R.T. 0.031 min

Lab File: BG061840.D

Acq: 2 Jul 2024 10:22

Instrument :

BNA_G

ClientSampleId :

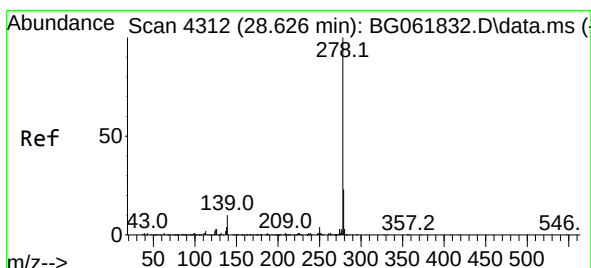
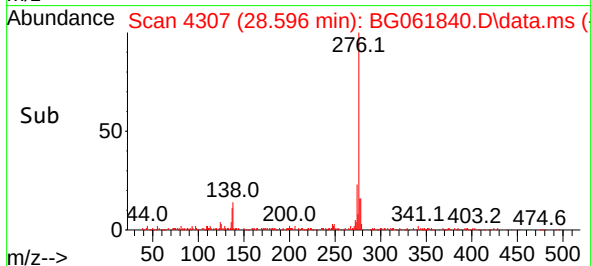
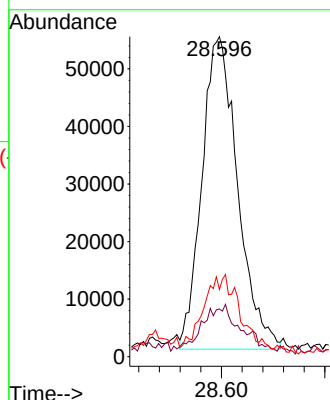
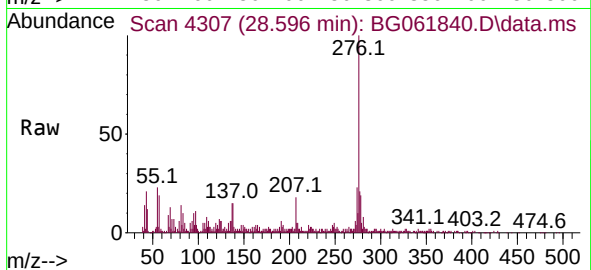
A4CQ7

Tgt Ion:276 Resp: 260452
 Ion Ratio Lower Upper
 276 100
 138 14.9 12.2 18.4
 277 21.0 19.7 29.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.912 ng/ul m

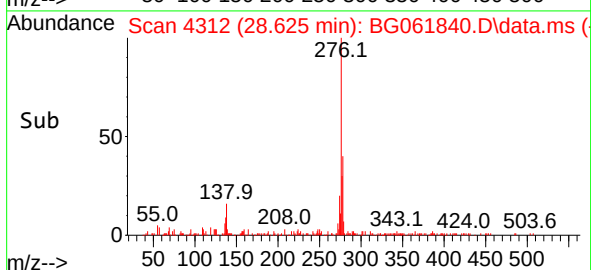
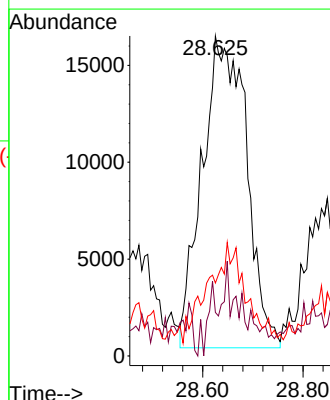
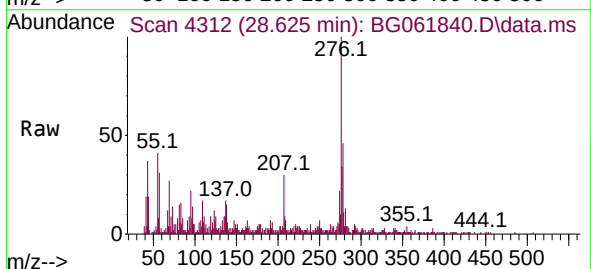
RT: 28.625 min Scan# 4312

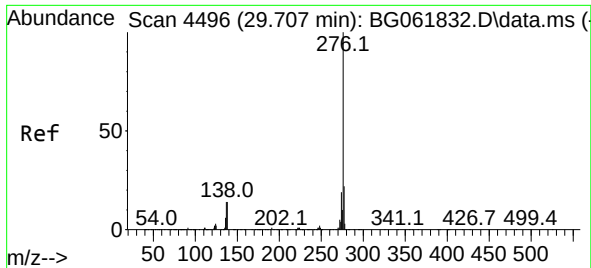
Delta R.T. -0.010 min

Lab File: BG061840.D

Acq: 2 Jul 2024 10:22

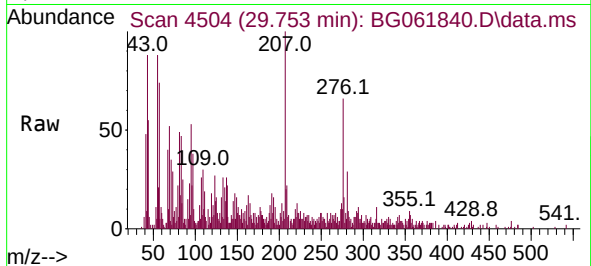
Tgt Ion:278 Resp: 98740
 Ion Ratio Lower Upper
 278 100
 139 13.6 9.1 13.7
 279 22.8 18.6 28.0





#96
 Benzo(g,h,i)perylene
 Concen: 1.547 ng/ul m
 RT: 29.753 min Scan# 4496
 Delta R.T. 0.043 min
 Lab File: BG061840.D
 Acq: 2 Jul 2024 10:22

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ7



Tgt Ion:276 Resp: 37869
 Ion Ratio Lower Upper
 276 100
 138 34.0 12.2 18.4
 277 24.0 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

