

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061843.D
 Acq On : 2 Jul 2024 12:23
 Operator : MA/JU
 Sample : P2963-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CR5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 01:35:19 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	67861	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	315671	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.688	164	193102	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.432	188	401720	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	304094	20.000	ng/u1	0.00
88) Perylene-d12	24.912	264	360657	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.460	96	8134	4.330	ng/uL	0.00
4) Pyridine-d5	3.895	84	6126m	1.079	ng/u1	0.03
7) Phenol-d5	7.215	99	219572	29.805	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.379	67	136202	29.658	ng/u1	0.00
11) 2-Chlorophenol-d4	7.591	132	164398	32.519	ng/u1	0.00
15) 4-Methylphenol-d8	8.760	113	159630	28.029	ng/u1	0.00
21) Nitrobenzene-d5	9.224	128	82826	38.643	ng/u1	0.00
24) 2-Nitrophenol-d4	9.947	143	92833	42.764	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	167212	32.530	ng/u1	0.00
31) 4-Chloroaniline-d4	11.004	131	17149	2.204	ng/u1	0.00
46) Dimethylphthalate-d6	14.089	166	521456	35.091	ng/u1	0.00
49) Acenaphthylene-d8	14.383	160	589961	36.227	ng/u1	0.00
54) 4-Nitrophenol-d4	14.882	143	61586	24.132	ng/u1	0.02
60) Fluorene-d10	15.675	176	450193	34.606	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	32563	18.956	ng/u1	0.00
73) Anthracene-d10	17.532	188	664188	36.221	ng/u1	0.00
81) Pyrene-d10	19.812	212	603826	35.548	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.694	264	440388	25.566	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.883	105	13261	1.414	ng/u1	97
72) Phenanthrene	17.473	178	164731	7.794	ng/u1	99
74) Anthracene	17.567	178	34115	1.579	ng/u1	95
80) Fluoranthene	19.477	202	331483	16.819	ng/u1	99
82) Pyrene	19.841	202	263265	12.563	ng/u1#	95
85) Benzo(a)anthracene	21.674	228	171437	8.031	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.580	149	12857	1.146	ng/u1#	81
87) Chrysene	21.739	228	183979	9.109	ng/u1	98
90) Benzo(b)fluoranthene	23.889	252	237878	10.972	ng/u1	96
91) Benzo(k)fluoranthene	23.954	252	87709m	3.934	ng/u1	
93) Benzo(a)pyrene	24.759	252	95043	4.554	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	28.590	276	101419m	3.899	ng/u1	
95) Dibenzo(a,h)anthracene	28.642	278	37192m	1.720	ng/u1	

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

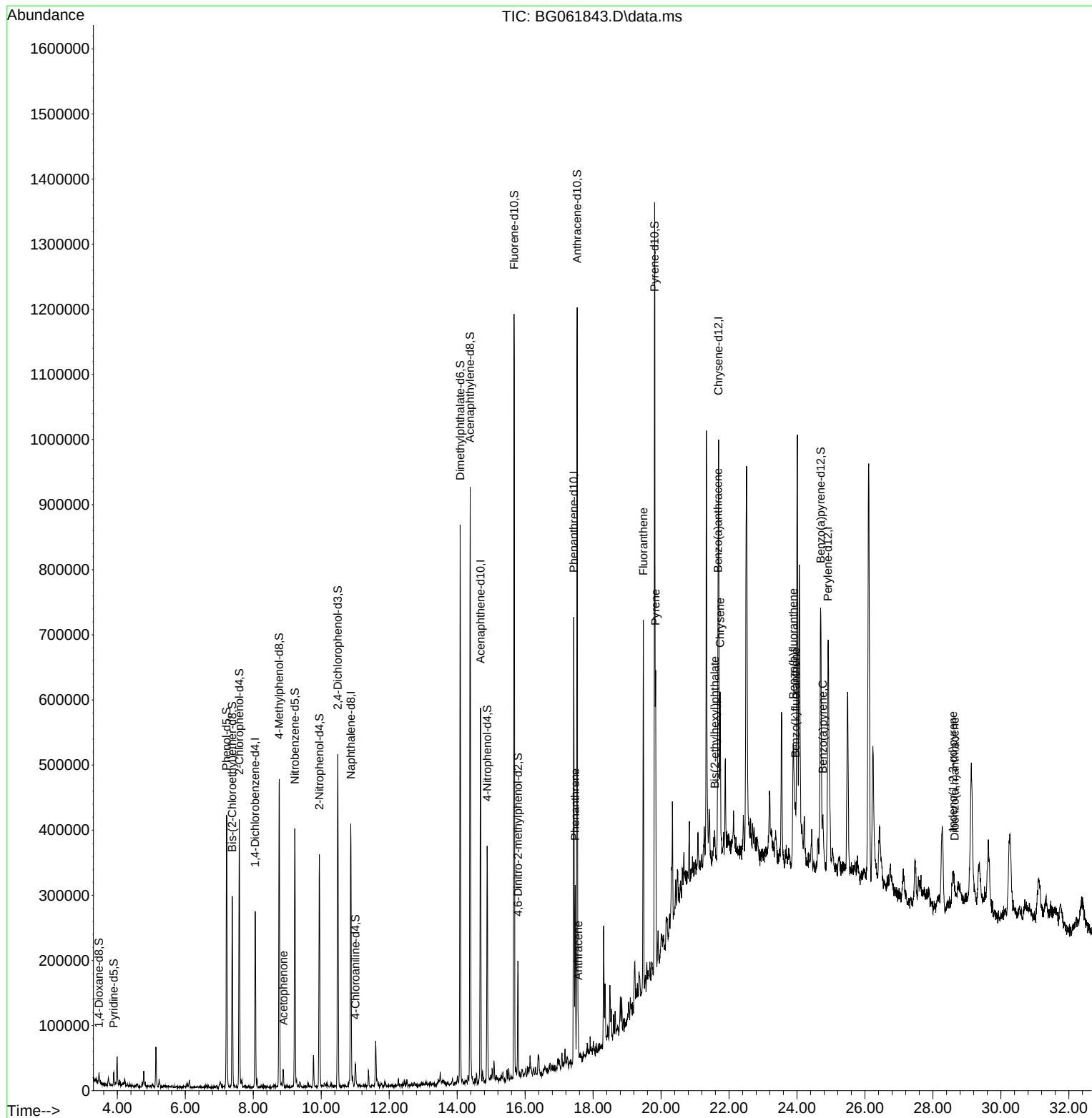
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061843.D
 Acq On : 2 Jul 2024 12:23
 Operator : MA/JU
 Sample : P2963-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

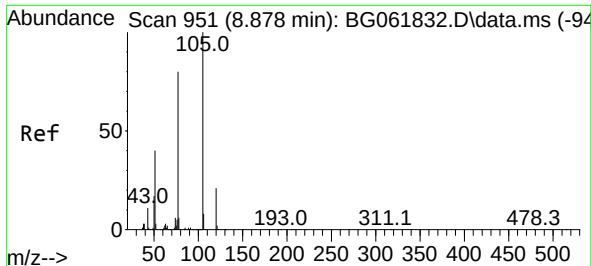
Instrument :
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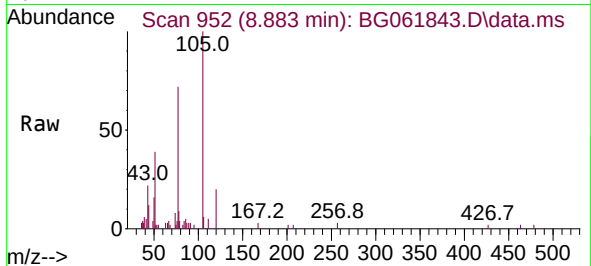
Quant Time: Jul 03 01:35:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
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#16
Acetophenone
Concen: 1.414 ng/ul
RT: 8.883 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG061843.D
Acq: 2 Jul 2024 12:23

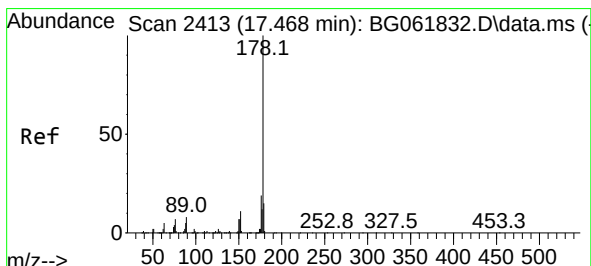
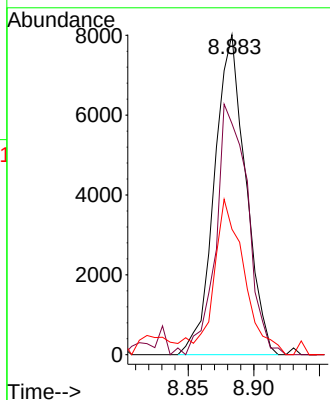
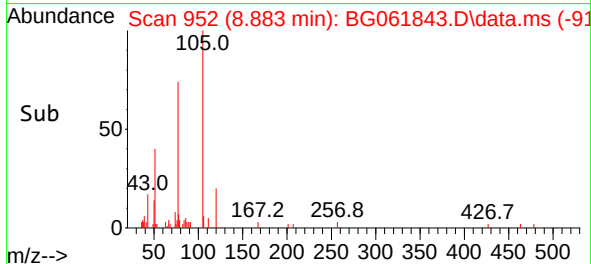
Instrument :
BNA_G
ClientSampleId :
A4CR5



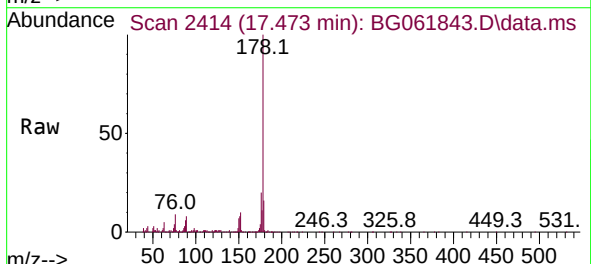
Tgt Ion:105 Resp: 1326
Ion Ratio Lower Upper
105 100
77 72.2 60.4 90.6
51 39.2 31.1 46.7

Manual Integrations
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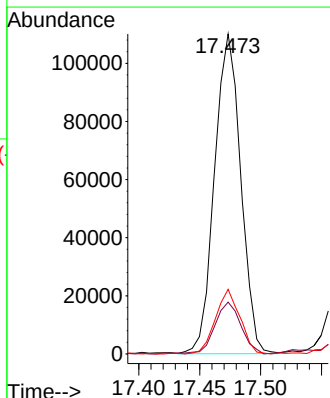
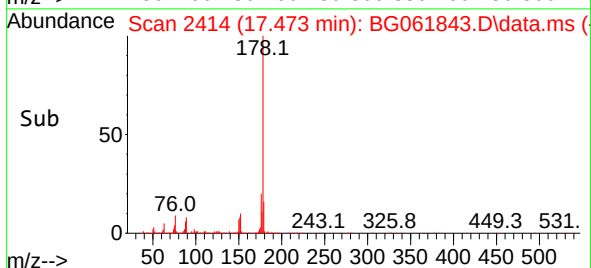
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

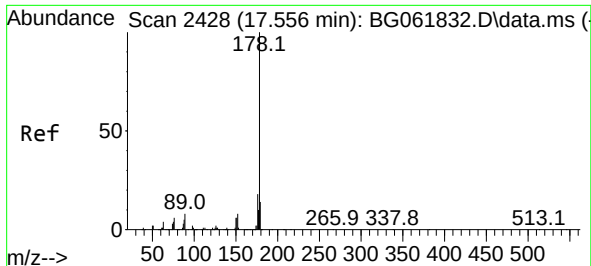


#72
Phenanthrene
Concen: 7.794 ng/ul
RT: 17.473 min Scan# 2414
Delta R.T. 0.002 min
Lab File: BG061843.D
Acq: 2 Jul 2024 12:23



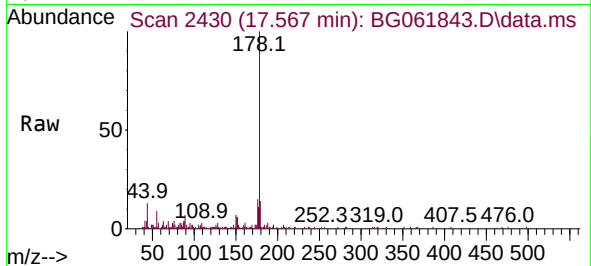
Tgt Ion:178 Resp: 164731
Ion Ratio Lower Upper
178 100
179 16.2 12.0 18.0
176 20.2 16.2 24.2





#74
 Anthracene
 Concen: 1.579 ng/ul
 RT: 17.567 min Scan# 2428
 Delta R.T. 0.002 min
 Lab File: BG061843.D
 Acq: 2 Jul 2024 12:23

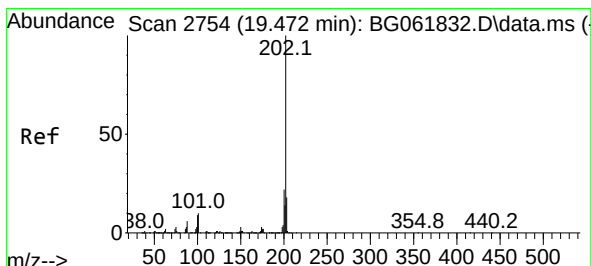
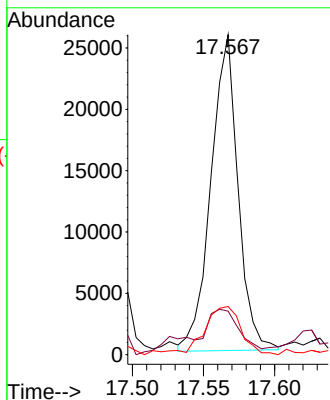
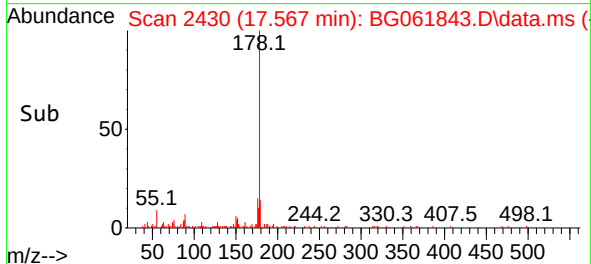
Instrument :
 BNA_G
 ClientSampleId :
 A4CR5



Tgt Ion:178 Resp: 34115
 Ion Ratio Lower Upper
 178 100
 179 13.6 11.4 17.2
 176 15.1 14.7 22.1

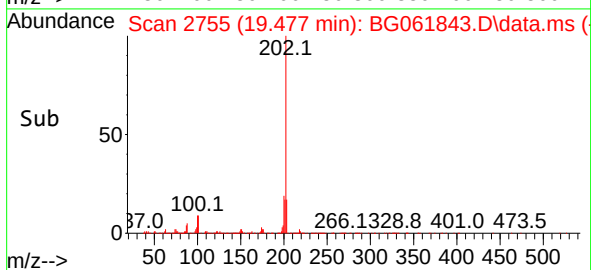
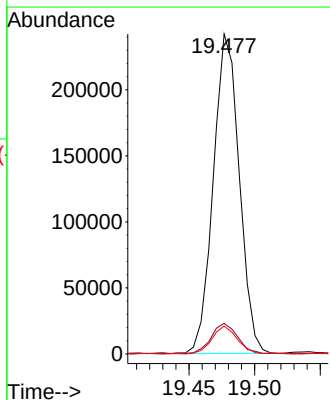
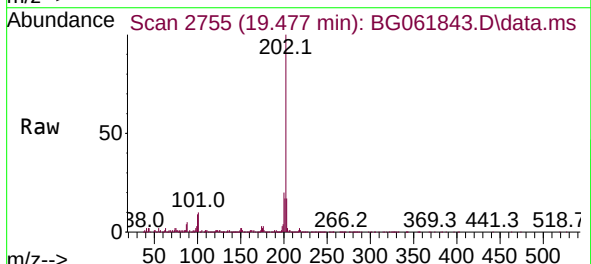
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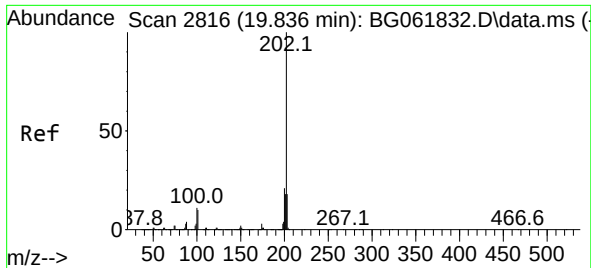
Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#80
 Fluoranthene
 Concen: 16.819 ng/ul
 RT: 19.477 min Scan# 2755
 Delta R.T. 0.002 min
 Lab File: BG061843.D
 Acq: 2 Jul 2024 12:23

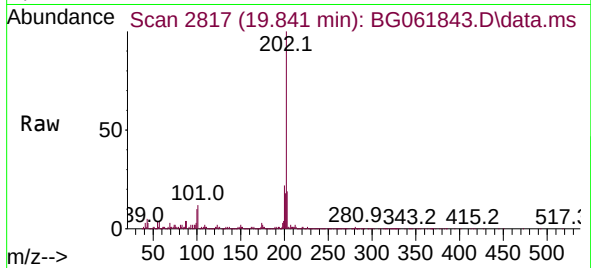
Tgt Ion:202 Resp: 331483
 Ion Ratio Lower Upper
 202 100
 101 9.6 7.8 11.6
 100 8.7 7.7 11.5





#82
Pyrene
Concen: 12.563 ng/ul
RT: 19.841 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG061843.D
Acq: 2 Jul 2024 12:23

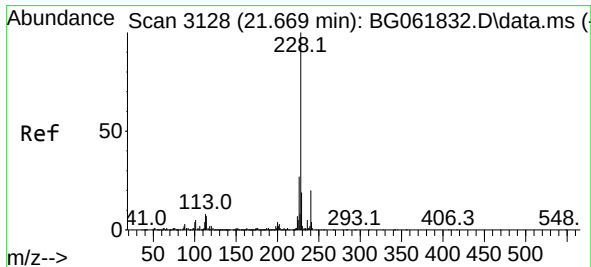
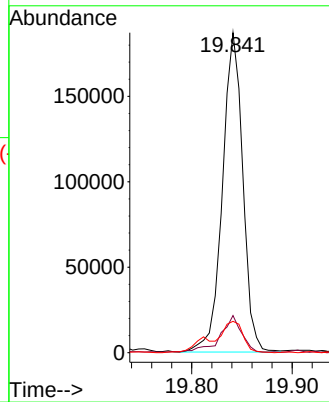
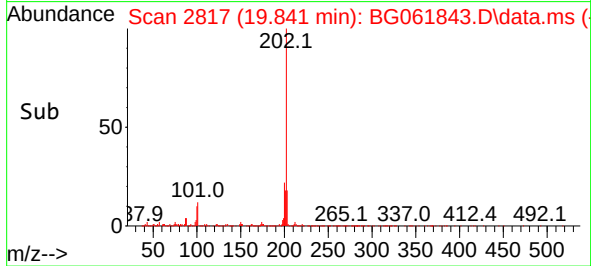
Instrument :
BNA_G
ClientSampleId :
A4CR5



Tgt Ion:202 Resp: 26326
Ion Ratio Lower Upper
202 100
101 11.6 10.1 15.1
100 9.8 9.9 14.9

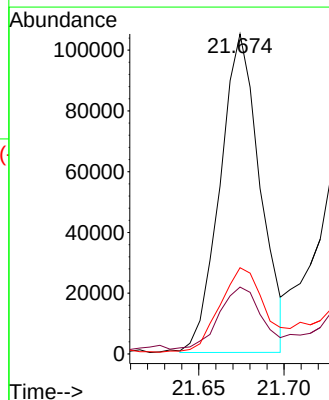
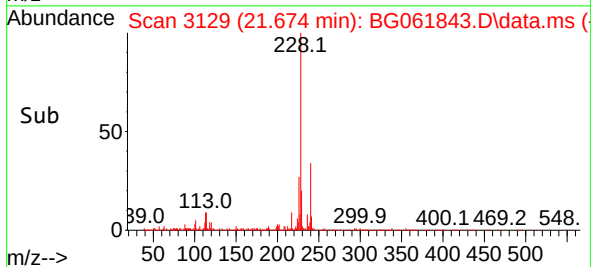
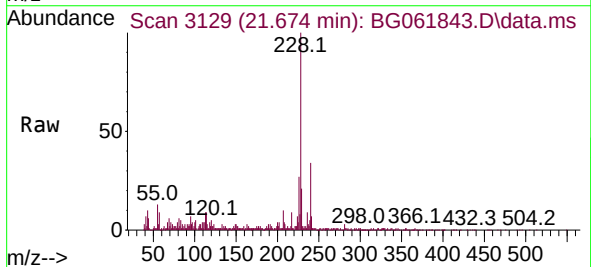
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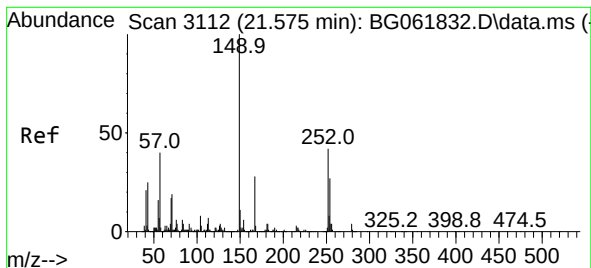
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#85
Benzo(a)anthracene
Concen: 8.031 ng/ul
RT: 21.674 min Scan# 3129
Delta R.T. 0.002 min
Lab File: BG061843.D
Acq: 2 Jul 2024 12:23

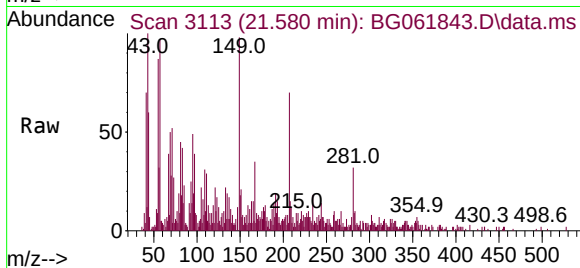
Tgt Ion:228 Resp: 171437
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 27.0 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.146 ng/ul
RT: 21.580 min Scan# 3113
Delta R.T. -0.010 min
Lab File: BG061843.D
Acq: 2 Jul 2024 12:23

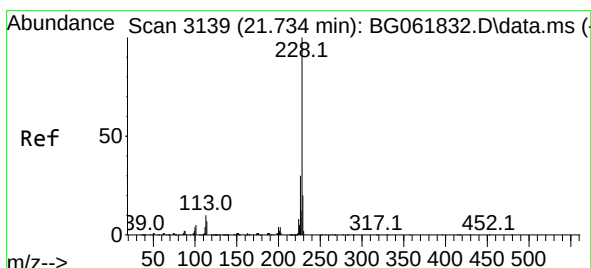
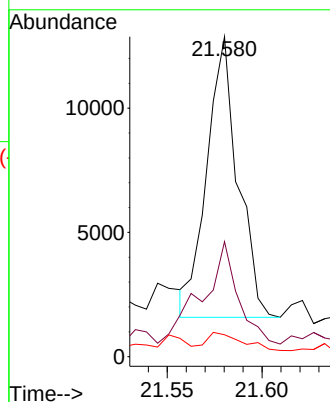
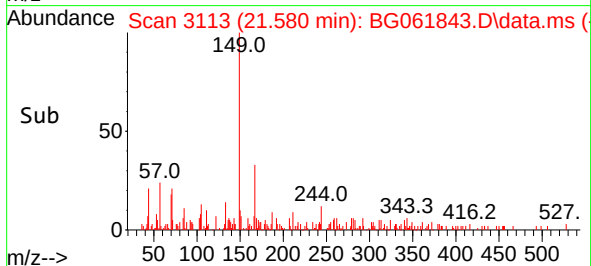
Instrument :
BNA_G
ClientSampleId :
A4CR5



Tgt Ion:149 Resp: 1285
Ion Ratio Lower Upper
149 100
167 36.0 20.5 30.7
279 6.9 2.9 4.3

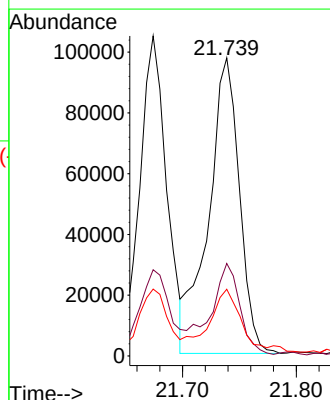
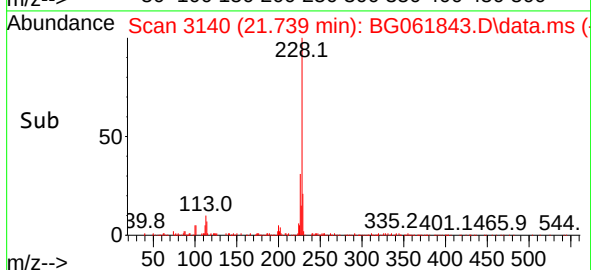
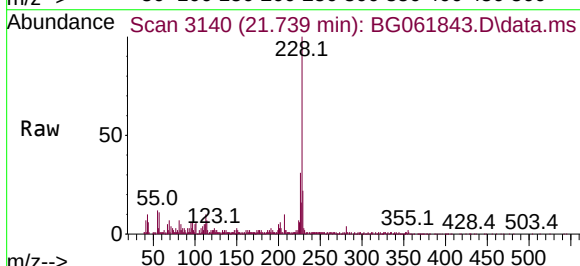
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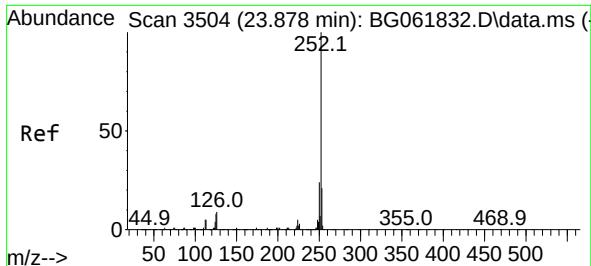
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#87
Chrysene
Concen: 9.109 ng/ul
RT: 21.739 min Scan# 3140
Delta R.T. 0.002 min
Lab File: BG061843.D
Acq: 2 Jul 2024 12:23

Tgt Ion:228 Resp: 183979
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 22.4 16.5 24.7





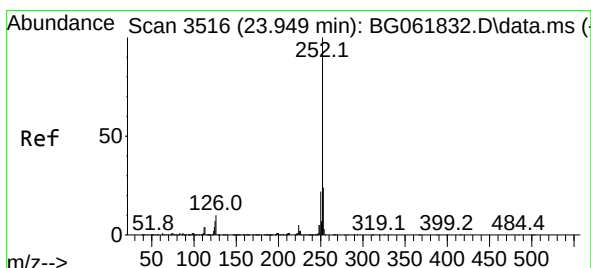
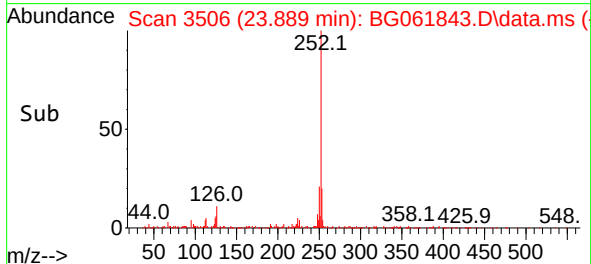
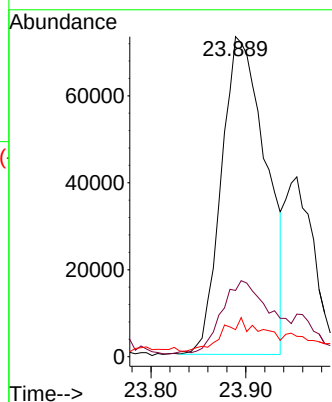
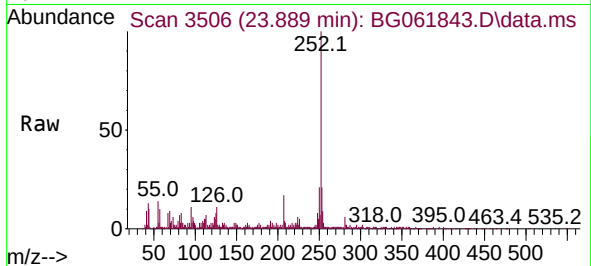
#90
Benzo(b)fluoranthene
Concen: 10.972 ng/ul
RT: 23.889 min Scan# 3506
Delta R.T. 0.002 min
Lab File: BG061843.D
Acq: 2 Jul 2024 12:23

Instrument :
BNA_G
ClientSampleId :
A4CR5

Tgt Ion:252 Resp: 237878
Ion Ratio Lower Upper
252 100
253 20.7 18.6 27.8
125 8.5 7.0 10.6

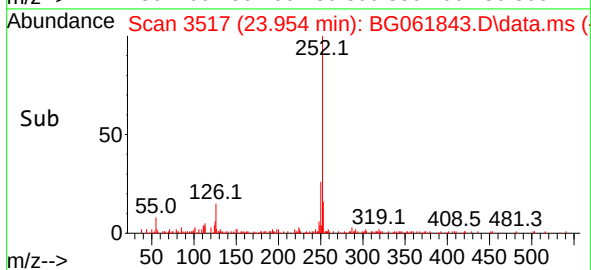
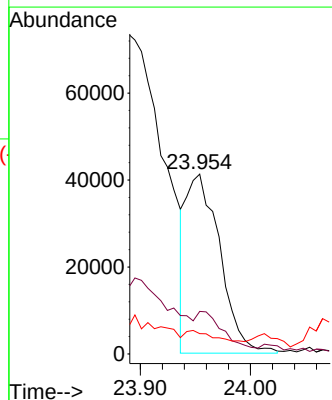
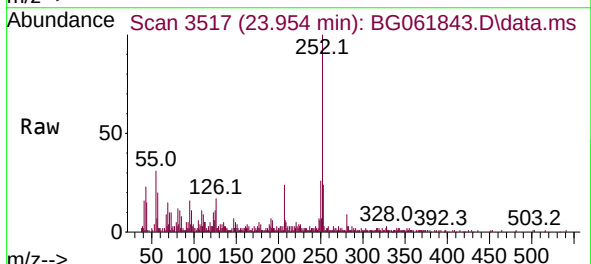
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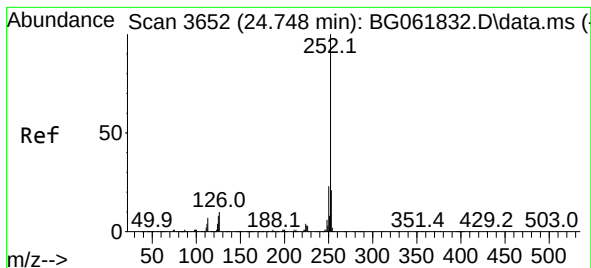
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#91
Benzo(k)fluoranthene
Concen: 3.934 ng/ul m
RT: 23.954 min Scan# 3517
Delta R.T. -0.004 min
Lab File: BG061843.D
Acq: 2 Jul 2024 12:23

Tgt Ion:252 Resp: 87709
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 11.3 6.2 9.2#





#93

Benzo(a)pyrene

Concen: 4.554 ng/ul

RT: 24.759 min Scan# 30

Delta R.T. -0.004 min

Lab File: BG061843.D

Acq: 2 Jul 2024 12:23

Instrument :

BNA_G

ClientSampleId :

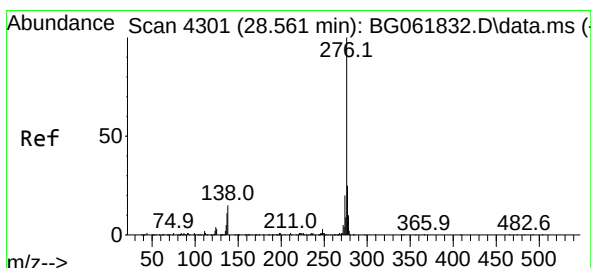
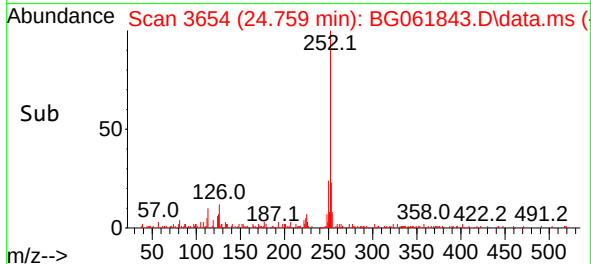
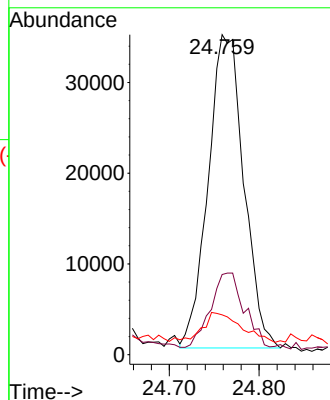
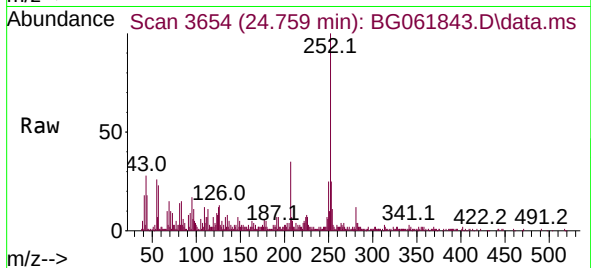
A4CR5

Tgt Ion:	252	Resp:	9504
Ion Ratio	Lower	Upper	
252	100		
253	25.0	16.8	25.2
125	12.5	6.5	9.7

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.899 ng/ul m

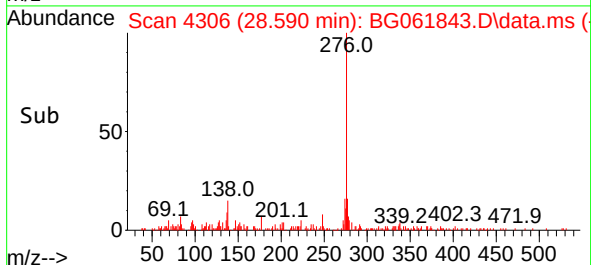
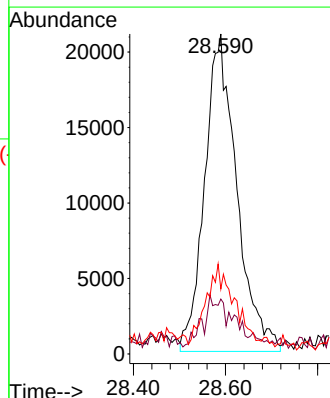
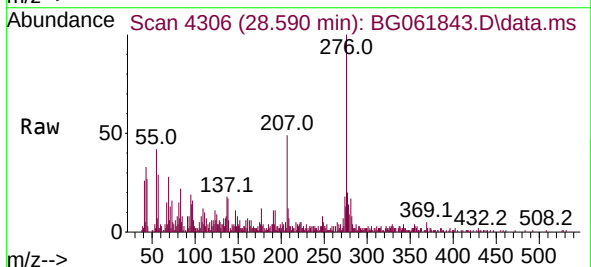
RT: 28.590 min Scan# 4306

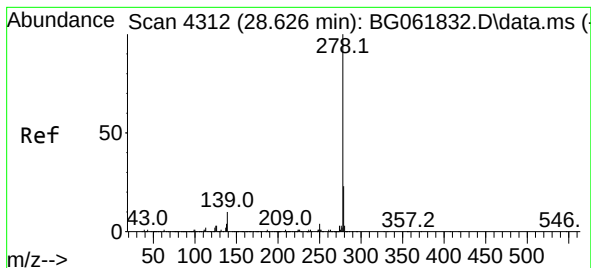
Delta R.T. 0.025 min

Lab File: BG061843.D

Acq: 2 Jul 2024 12:23

Tgt Ion:	276	Resp:	101419
Ion Ratio	Lower	Upper	
276	100		
138	17.1	12.2	18.4
277	20.3	19.7	29.5





#95

Dibenzo(a,h)anthracene

Concen: 1.720 ng/ul m

RT: 28.642 min Scan# 4

Delta R.T. 0.007 min

Lab File: BG061843.D

Acq: 2 Jul 2024 12:23

Instrument :

BNA_G

ClientSampleId :

A4CR5

Tgt Ion:278 Resp: 37192

Ion Ratio Lower Upper

278 100

139 9.9 9.1 13.7

279 26.0 18.6 28.0

Manual Integrations

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