

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061842.D
 Acq On : 2 Jul 2024 11:42
 Operator : MA/JU
 Sample : P2963-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CR3

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 12:18:03 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	8.059	152	68426	20.000	ng/u1	0.00
20) Naphthalene-d8	10.868	136	314950	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	199874	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.431	188	422934	20.000	ng/u1	0.00
79) Chrysene-d12	21.691	240	313964	20.000	ng/u1	0.00
88) Perylene-d12	24.916	264	380020	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.465	96	7137	3.768	ng/uL	0.01
4) Pyridine-d5	3.882	84	85947	15.007	ng/u1	0.01
7) Phenol-d5	7.213	99	196788	26.492	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.384	67	142825	30.843	ng/u1	0.00
11) 2-Chlorophenol-d4	7.589	132	158788	31.150	ng/u1	0.00
15) 4-Methylphenol-d8	8.765	113	166894	29.063	ng/u1	0.01
21) Nitrobenzene-d5	9.223	128	85741	40.094	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	102920	47.519	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	180205	35.138	ng/u1	0.01
31) 4-Chloroaniline-d4	11.003	131	88550	11.404	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	592046	38.492	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	674502	40.015	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	59749	22.619	ng/u1	0.02
60) Fluorene-d10	15.680	176	521185	38.706	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	42873	23.706	ng/u1	0.00
73) Anthracene-d10	17.531	188	768261	39.795	ng/u1	0.00
81) Pyrene-d10	19.816	212	779112	44.426	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.693	264	768803	42.358	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.472	178	116372	5.230	ng/u1	96
74) Anthracene	17.566	178	25379	1.115	ng/u1#	92
80) Fluoranthene	19.476	202	210884	10.364	ng/u1#	95
82) Pyrene	19.840	202	200726	9.277	ng/u1	96
85) Benzo(a)anthracene	21.673	228	98388	4.464	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.579	149	74006	6.391	ng/u1	94
87) Chrysene	21.738	228	108909	5.223	ng/u1	97
90) Benzo(b)fluoranthene	23.888	252	153263m	6.709	ng/u1	
91) Benzo(k)fluoranthene	23.953	252	39680	1.689	ng/u1#	90
93) Benzo(a)pyrene	24.758	252	105743	4.808	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.577	276	78882m	2.878	ng/u1	
96) Benzo(g,h,i)perylene	29.734	276	77327m	3.500	ng/u1	

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

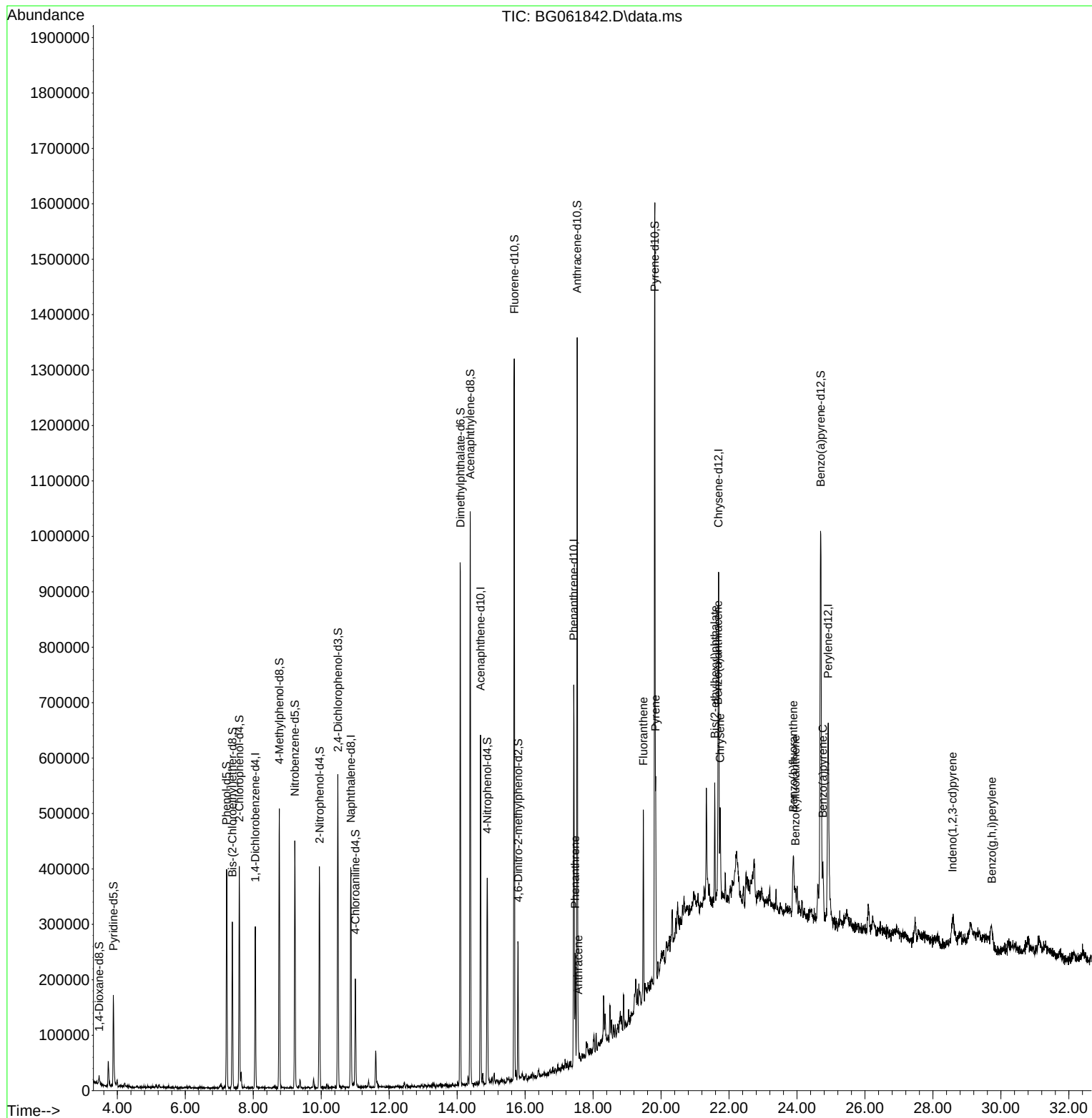
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
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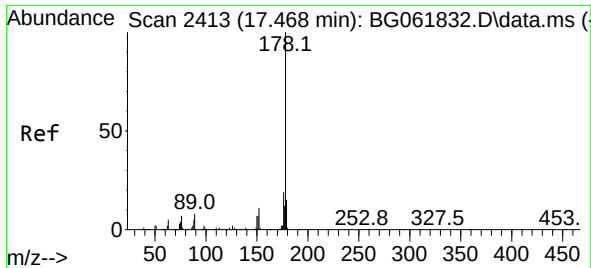
Instrument :
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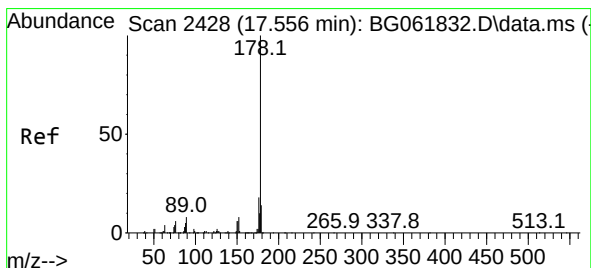
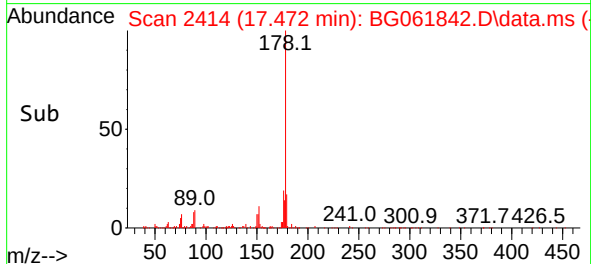
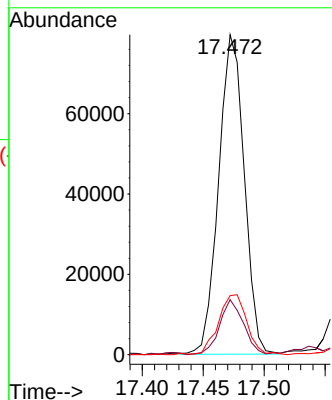
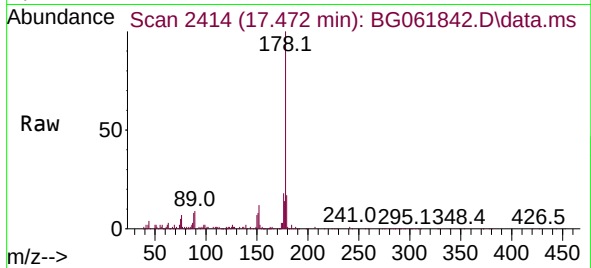
#72
Phenanthrene
Concen: 5.230 ng/ul
RT: 17.472 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BG061842.D
Acq: 2 Jul 2024 11:42

Instrument :
BNA_G
ClientSampleId :
A4CR3

Tgt Ion:178 Resp: 116372
Ion Ratio Lower Upper
178 100
179 17.2 12.0 18.0
176 18.5 16.2 24.2

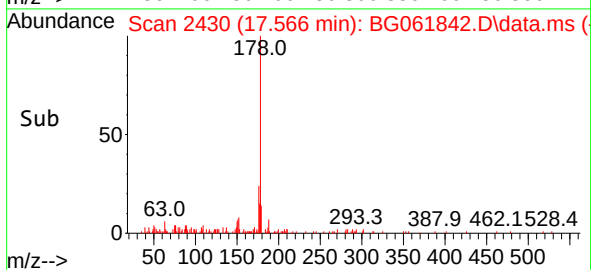
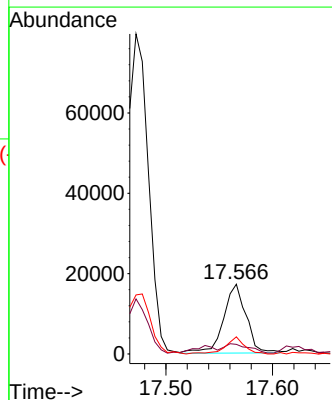
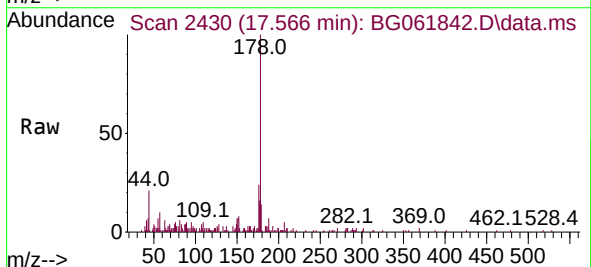
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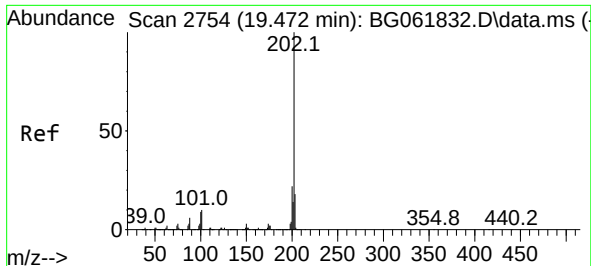
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#74
Anthracene
Concen: 1.115 ng/ul
RT: 17.566 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BG061842.D
Acq: 2 Jul 2024 11:42

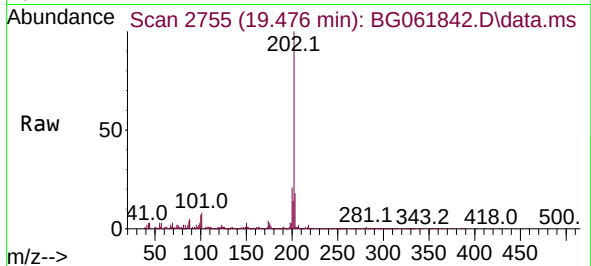
Tgt Ion:178 Resp: 25379
Ion Ratio Lower Upper
178 100
179 13.8 11.4 17.2
176 24.5 14.7 22.1#





#80
Fluoranthene
Concen: 10.364 ng/u1
RT: 19.476 min Scan# 210884
Delta R.T. 0.000 min
Lab File: BG061842.D
Acq: 2 Jul 2024 11:42

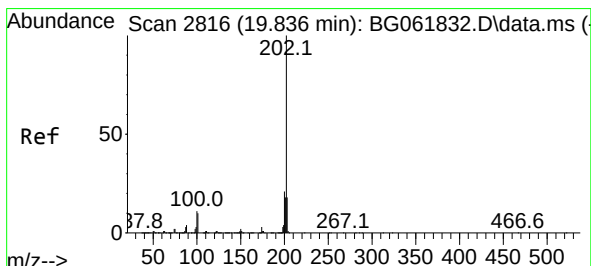
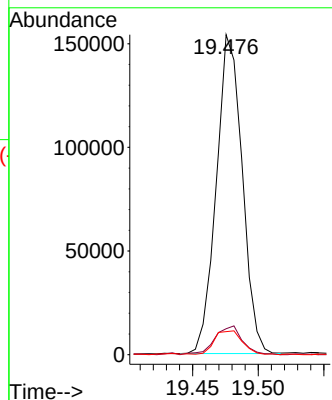
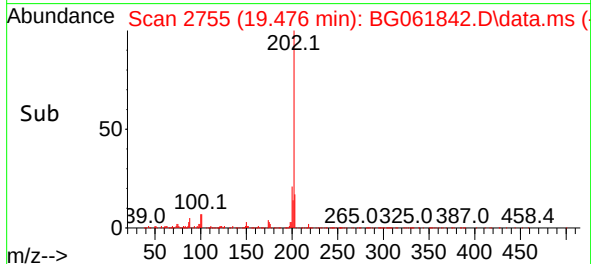
Instrument :
BNA_G
ClientSampleId :
A4CR3



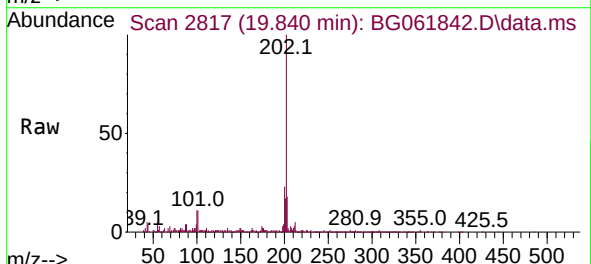
Tgt Ion:202 Resp: 210884
Ion Ratio Lower Upper
202 100
101 8.1 7.8 11.6
100 7.2 7.7 11.5

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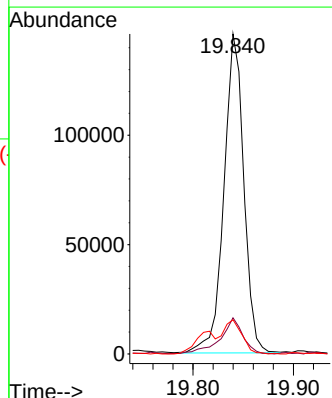
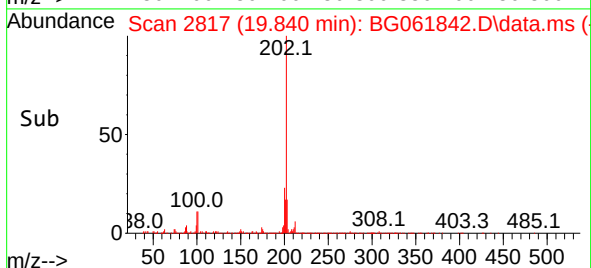
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

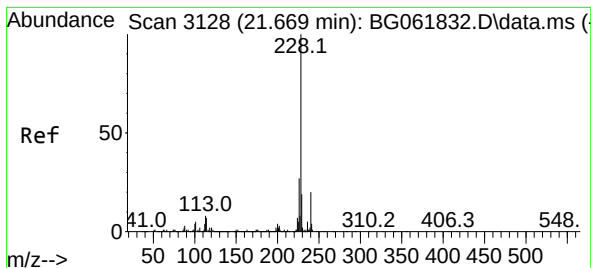


#82
Pyrene
Concen: 9.277 ng/u1
RT: 19.840 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BG061842.D
Acq: 2 Jul 2024 11:42



Tgt Ion:202 Resp: 200726
Ion Ratio Lower Upper
202 100
101 11.3 10.1 15.1
100 10.7 9.9 14.9





#85

Benzo(a)anthracene

Concen: 4.464 ng/ul

RT: 21.673 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BG061842.D

Acq: 2 Jul 2024 11:42

Instrument :

BNA_G

ClientSampleId :

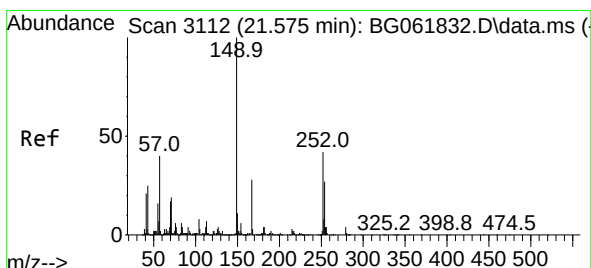
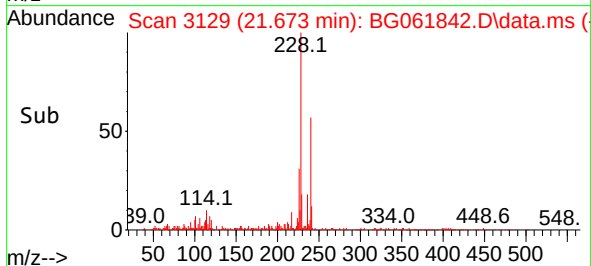
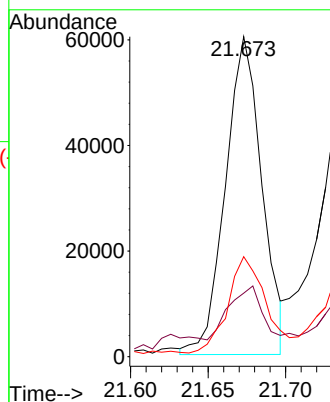
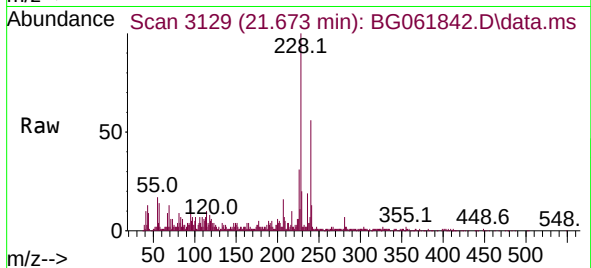
A4CR3

Tgt Ion:228	Resp:	9838
Ion Ratio	Lower	Upper
228	100	
229	19.9	15.8 23.8
226	31.3	21.4 32.2

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 6.391 ng/ul

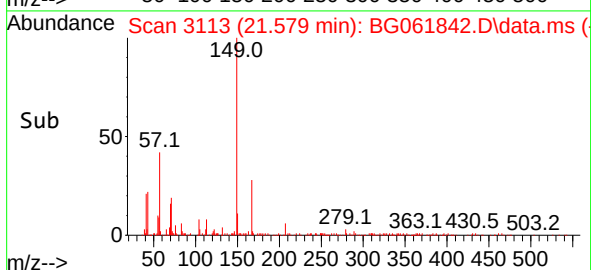
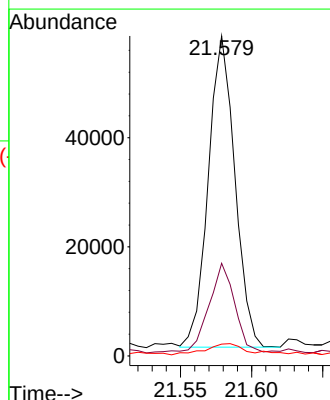
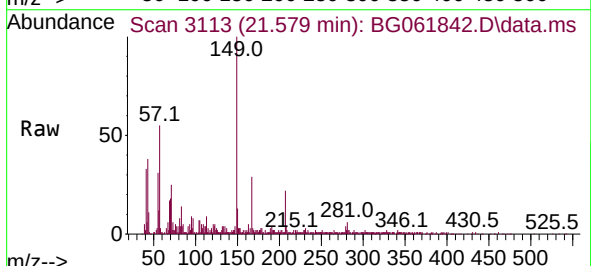
RT: 21.579 min Scan# 3113

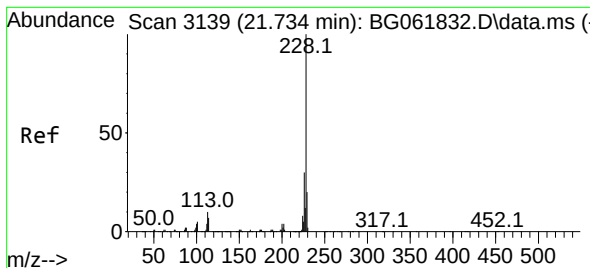
Delta R.T. -0.011 min

Lab File: BG061842.D

Acq: 2 Jul 2024 11:42

Tgt Ion:149	Resp:	74006
Ion Ratio	Lower	Upper
149	100	
167	29.0	20.5 30.7
279	3.7	2.9 4.3





#87

Chrysene

Concen: 5.223 ng/ul

RT: 21.738 min Scan# 3139

Delta R.T. 0.000 min

Lab File: BG061842.D

Acq: 2 Jul 2024 11:42

Instrument :

BNA_G

ClientSampleId :

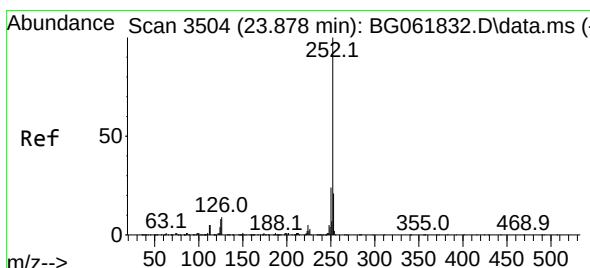
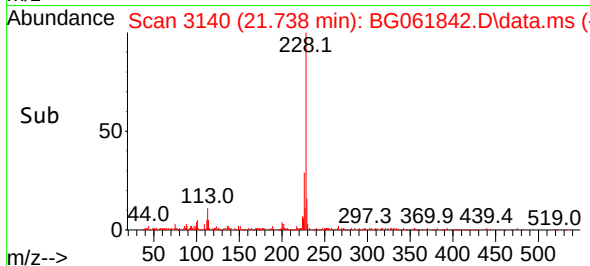
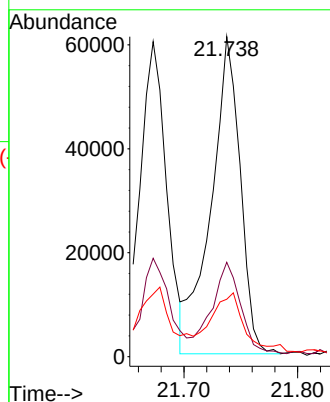
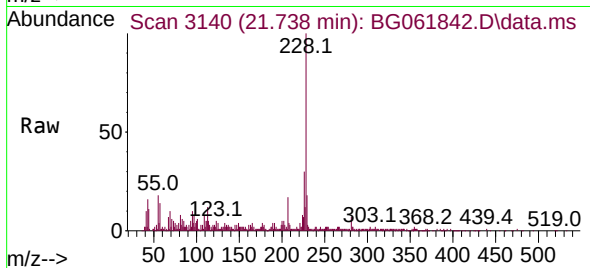
A4CR3

Tgt Ion:	228	Resp:	108909
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.2	36.2
229	17.9	16.5	24.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 6.709 ng/ul m

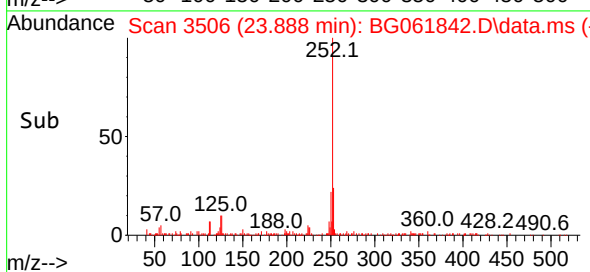
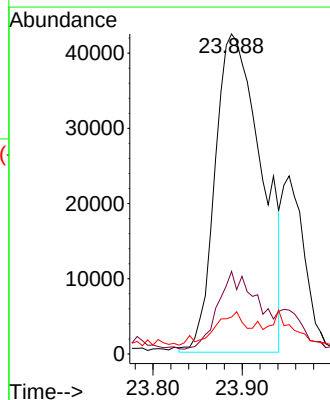
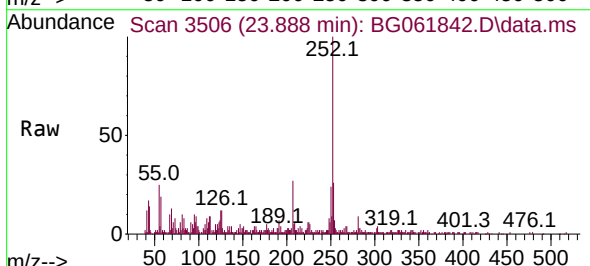
RT: 23.888 min Scan# 3506

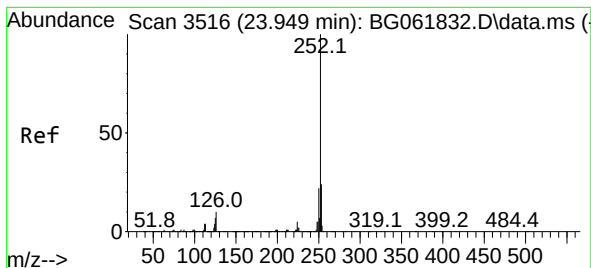
Delta R.T. 0.000 min

Lab File: BG061842.D

Acq: 2 Jul 2024 11:42

Tgt Ion:	252	Resp:	153263
Ion Ratio	Lower	Upper	
252	100		
253	25.8	18.6	27.8
125	11.5	7.0	10.6





#91

Benzo(k)fluoranthene

Concen: 1.689 ng/ul

RT: 23.953 min Scan# 3516

Delta R.T. -0.006 min

Lab File: BG061842.D

Acq: 2 Jul 2024 11:42

Instrument :

BNA_G

ClientSampleId :

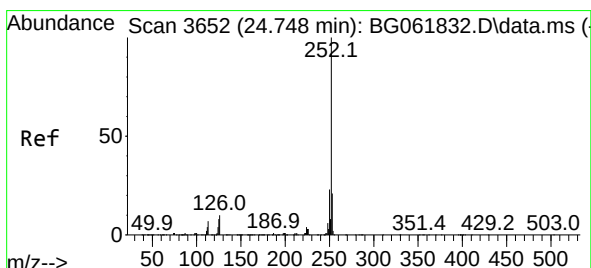
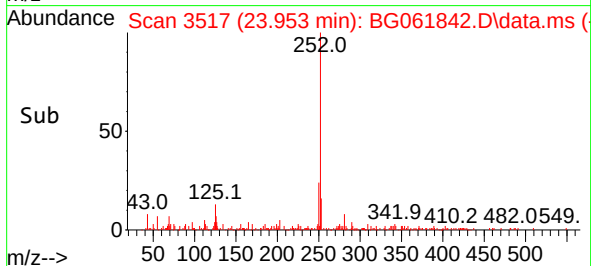
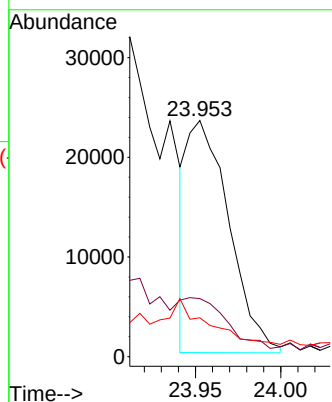
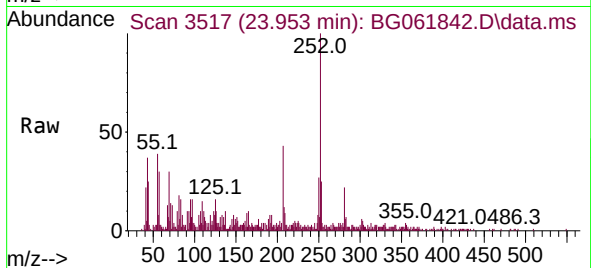
A4CR3

Tgt Ion:	252	Resp:	39680
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.8	26.6
125	16.4	6.2	9.2

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#93

Benzo(a)pyrene

Concen: 4.808 ng/ul

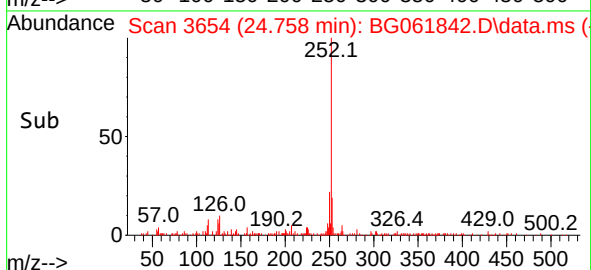
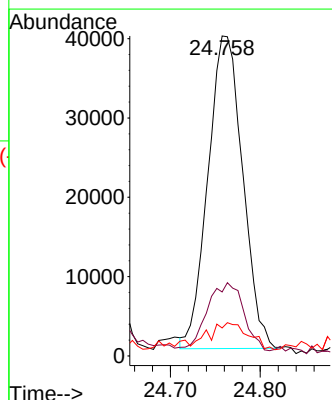
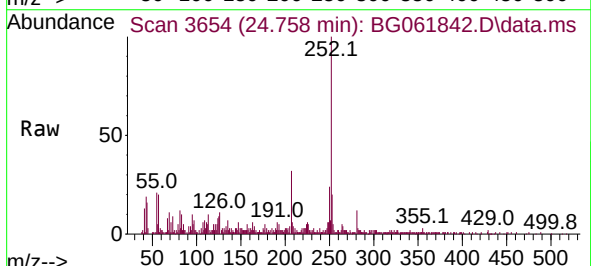
RT: 24.758 min Scan# 3654

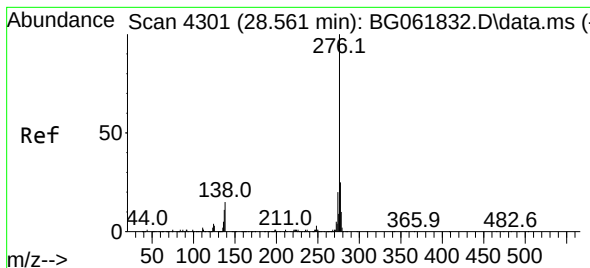
Delta R.T. -0.006 min

Lab File: BG061842.D

Acq: 2 Jul 2024 11:42

Tgt Ion:	252	Resp:	105743
Ion Ratio	Lower	Upper	
252	100		
253	20.0	16.8	25.2
125	8.7	6.5	9.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.878 ng/ul m

RT: 28.577 min Scan# 41

Delta R.T. 0.012 min

Lab File: BG061842.D

Acq: 2 Jul 2024 11:42

Instrument :

BNA_G

ClientSampleId :

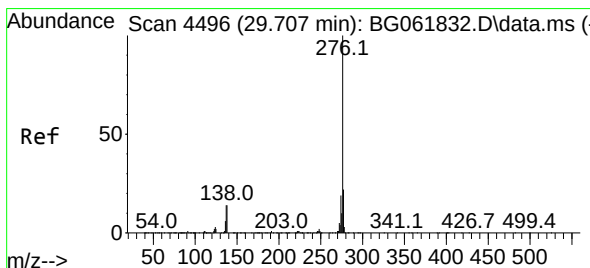
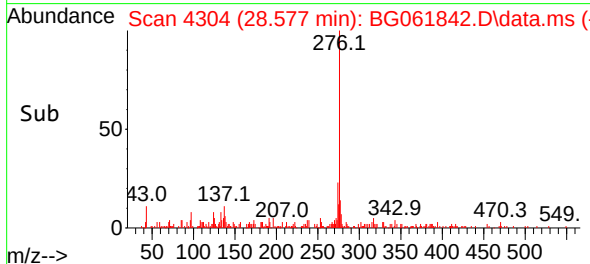
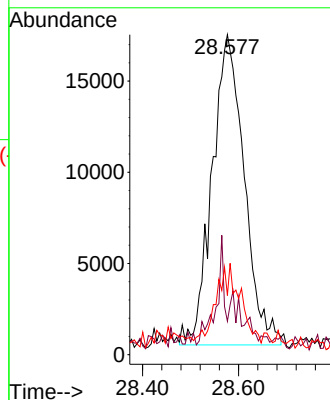
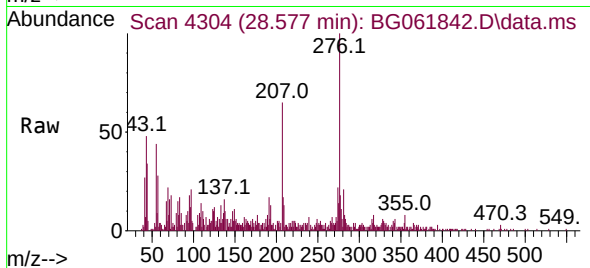
A4CR3

Tgt Ion:	276	Resp:	7888
Ion Ratio	Lower	Upper	
276	100		
138	10.5	12.2	18.4
277	18.5	19.7	29.5

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2024



#96

Benzo(g,h,i)perylene

Concen: 3.500 ng/ul m

RT: 29.734 min Scan# 4501

Delta R.T. 0.024 min

Lab File: BG061842.D

Acq: 2 Jul 2024 11:42

Tgt Ion:	276	Resp:	77327
Ion Ratio	Lower	Upper	
276	100		
138	17.7	12.2	18.4
277	32.1	18.6	27.8

