

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062191.D
 Acq On : 23 Jul 2024 18:36
 Operator : MA/JU
 Sample : P3263-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CK9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 23:11:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	48227	20.000	ng/u1	0.00
20) Naphthalene-d8	10.880	136	208293	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	169084	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.441	188	403364	20.000	ng/u1	0.00
79) Chrysene-d12	21.700	240	366406	20.000	ng/u1	0.00
88) Perylene-d12	24.937	264	385070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.454	96	2699	2.613	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.237	99	78642	16.564	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.384	67	43851	16.075	ng/u1	0.00
11) 2-Chlorophenol-d4	7.602	132	50947	17.027	ng/u1	0.00
15) 4-Methylphenol-d8	8.782	113	60324	16.683	ng/u1	0.00
21) Nitrobenzene-d5	9.229	128	25710	15.493	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.957	143	32460	16.251	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	72538	17.348	ng/u1	0.00
31) 4-Chloroaniline-d4	11.021	131	5119m	1.018	ng/u1	0.00
46) Dimethylphthalate-d6	14.093	166	244191	17.038	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	258505	17.789	ng/u1	0.00
54) 4-Nitrophenol-d4	14.921	143	25080	14.522	ng/u1	0.00
60) Fluorene-d10	15.685	176	219649	18.000	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	37307	14.554	ng/u1	0.00
73) Anthracene-d10	17.535	188	345750	18.350	ng/u1	0.00
81) Pyrene-d10	19.820	212	358196	17.242	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.708	264	248409	12.905	ng/u1	-0.01
Target Compounds						Qvalue
6) Benzaldehyde	7.208	77	4074	1.634	ng/u1#	73
72) Phenanthrene	17.476	178	111897	5.765	ng/u1	96
74) Anthracene	17.570	178	21050m	1.053	ng/u1	
80) Fluoranthene	19.486	202	245918	10.319	ng/u1	99
82) Pyrene	19.850	202	190437	7.685	ng/u1	99
85) Benzo(a)anthracene	21.683	228	125426	4.877	ng/u1#	92
86) Bis(2-ethylhexyl)phtha...	21.565	149	14749	1.399	ng/u1#	97
87) Chrysene	21.747	228	135671	5.738	ng/u1#	90
90) Benzo(b)fluoranthene	23.897	252	149669	6.291	ng/u1	96
91) Benzo(k)fluoranthene	23.968	252	75276m	3.170	ng/u1	
93) Benzo(a)pyrene	24.778	252	64203m	2.882	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.644	276	54036m	2.111	ng/u1	
95) Dibenzo(a,h)anthracene	28.679	278	23564m	1.110	ng/u1	

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

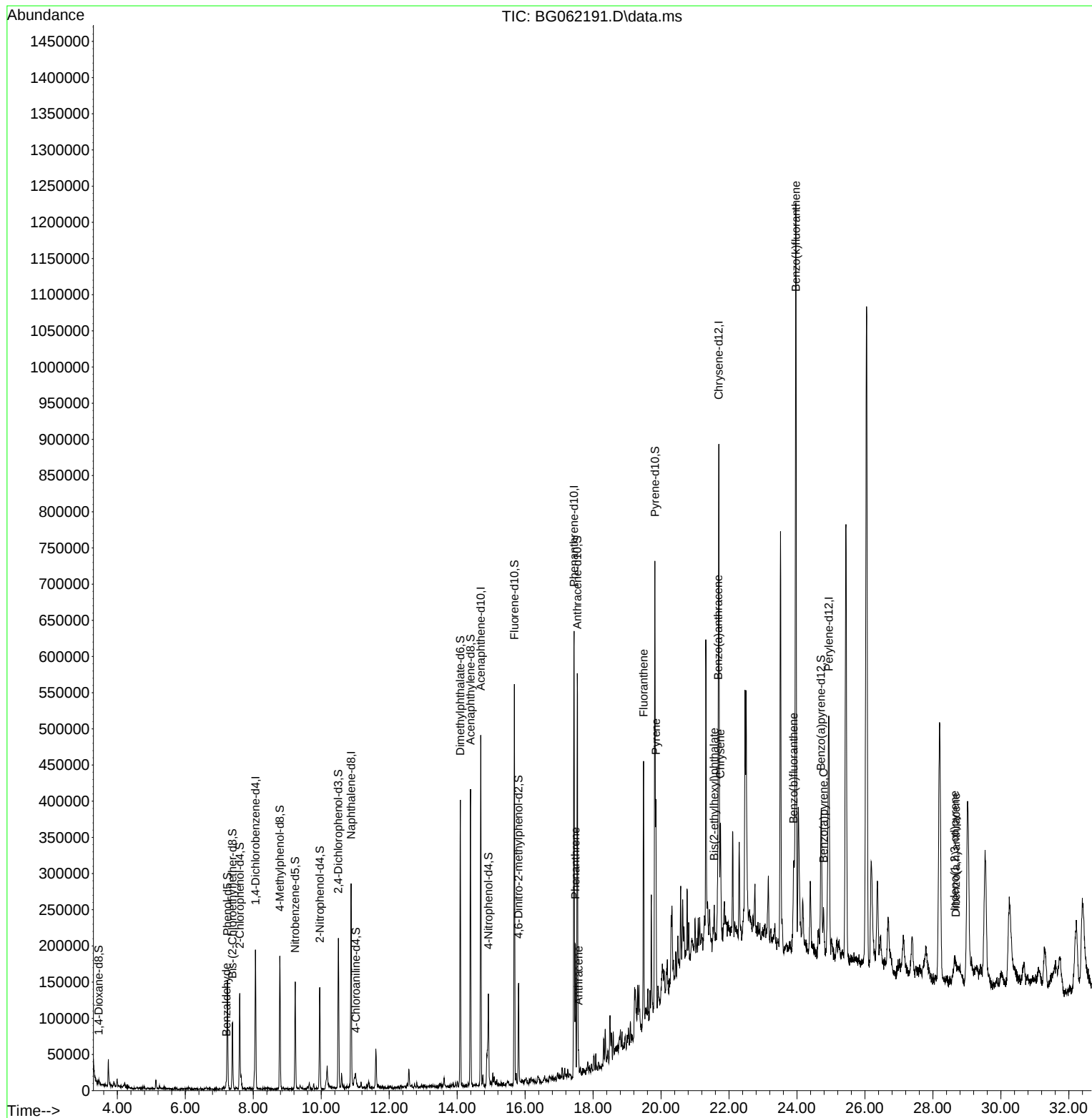
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062191.D
 Acq On : 23 Jul 2024 18:36
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 Sample : P3263-19
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 ALS Vial : 11 Sample Multiplier: 1

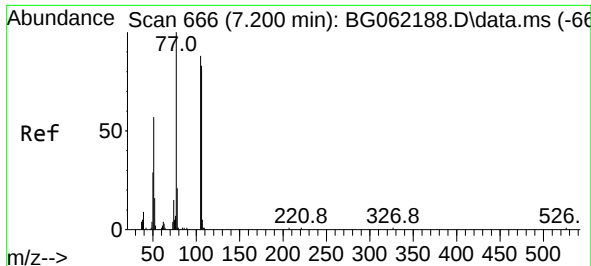
Instrument :
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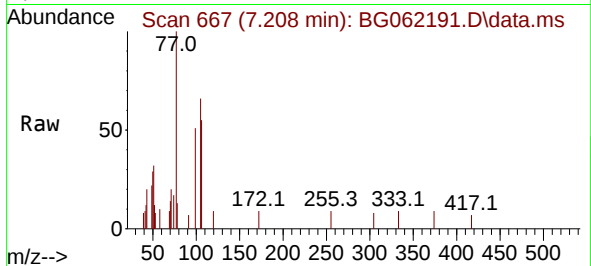
Quant Time: Jul 23 23:11:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
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#6
Benzaldehyde
Concen: 1.634 ng/ul
RT: 7.208 min Scan# 6074
Delta R.T. 0.002 min
Lab File: BG062191.D
Acq: 23 Jul 2024 18:36

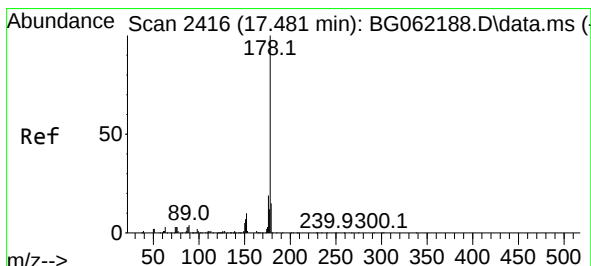
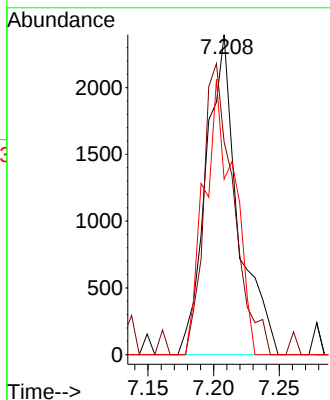
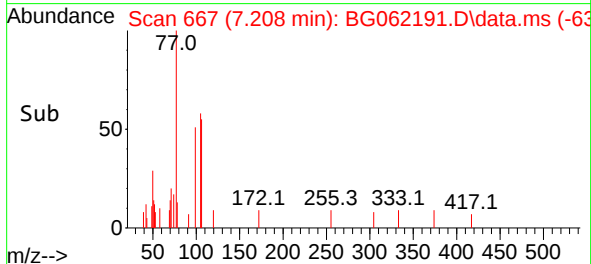
Instrument :
BNA_G
ClientSampleId :
A4CK9



Tgt Ion: 77 Resp: 4074
Ion Ratio Lower Upper
77 100
105 66.4 70.1 105.1
106 54.8 66.1 99.1

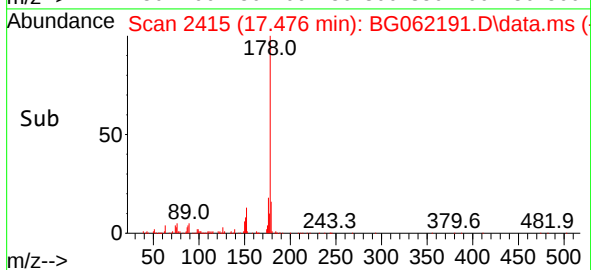
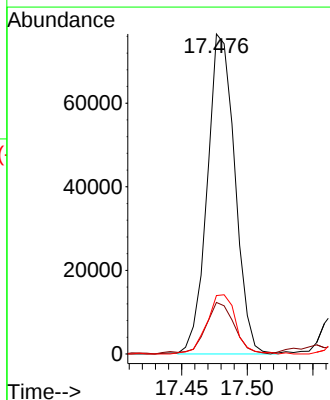
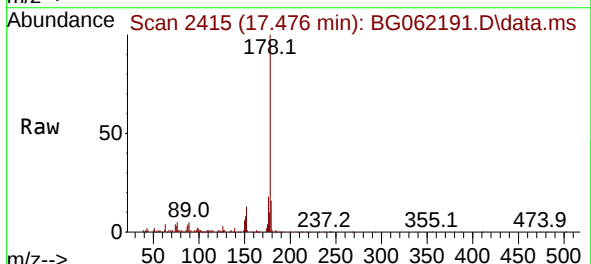
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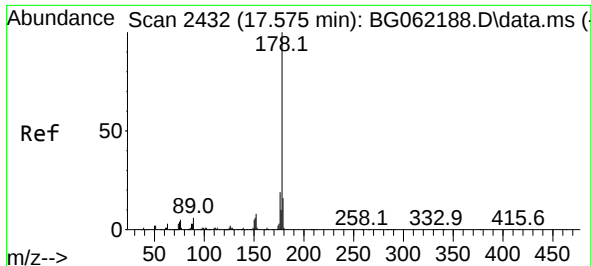
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#72
Phenanthrene
Concen: 5.765 ng/ul
RT: 17.476 min Scan# 2415
Delta R.T. -0.004 min
Lab File: BG062191.D
Acq: 23 Jul 2024 18:36

Tgt Ion:178 Resp: 111897
Ion Ratio Lower Upper
178 100
179 16.1 14.1 21.1
176 18.2 16.3 24.5





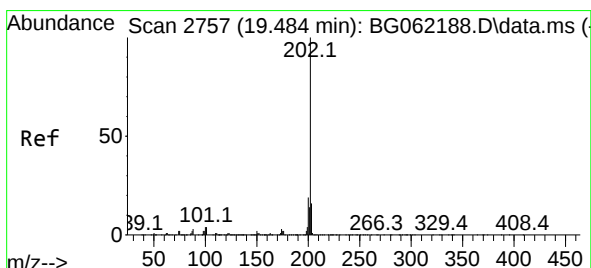
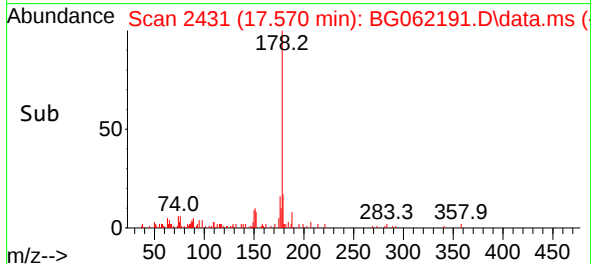
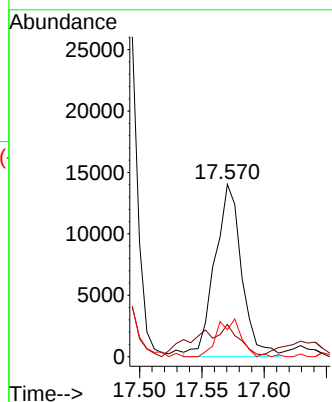
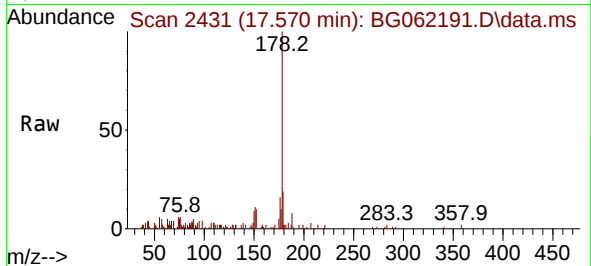
#74
 Anthracene
 Concen: 1.053 ng/ul m
 RT: 17.570 min Scan# 2432
 Delta R.T. -0.004 min
 Lab File: BG062191.D
 Acq: 23 Jul 2024 18:36

Instrument :
 BNA_G
 ClientSampleId :
 A4CK9

Tgt Ion:178 Resp: 21050
 Ion Ratio Lower Upper
 178 100
 179 18.6 13.9 20.9
 176 15.7 16.3 24.5

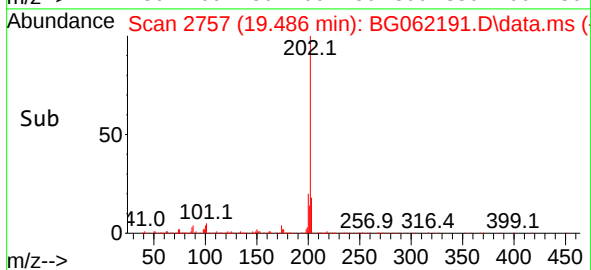
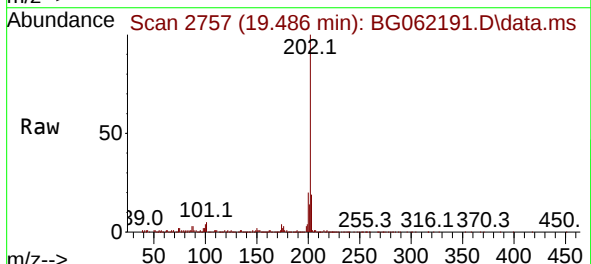
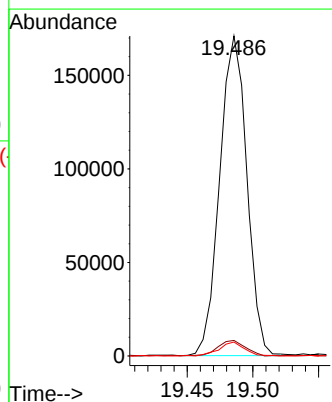
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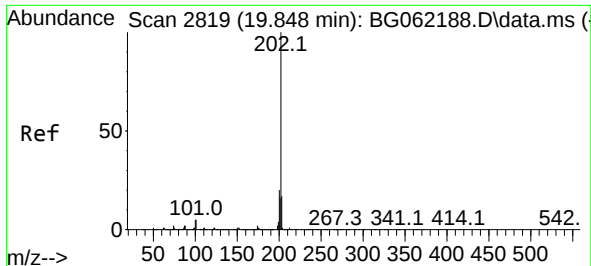
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Fluoranthene
 Concen: 10.319 ng/ul
 RT: 19.486 min Scan# 2757
 Delta R.T. 0.002 min
 Lab File: BG062191.D
 Acq: 23 Jul 2024 18:36

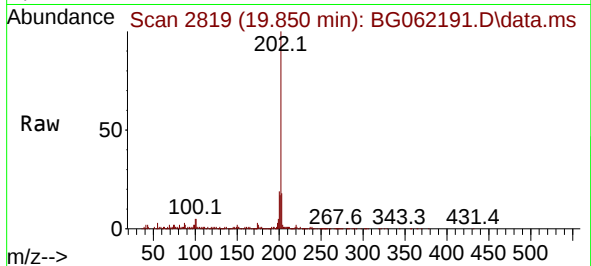
Tgt Ion:202 Resp: 245918
 Ion Ratio Lower Upper
 202 100
 101 4.9 4.2 6.2
 100 4.4 3.1 4.7





#82
 Pyrene
 Concen: 7.685 ng/ul
 RT: 19.850 min Scan# 2190
 Delta R.T. 0.002 min
 Lab File: BG062191.D
 Acq: 23 Jul 2024 18:36

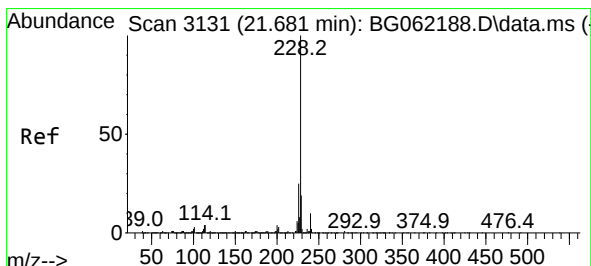
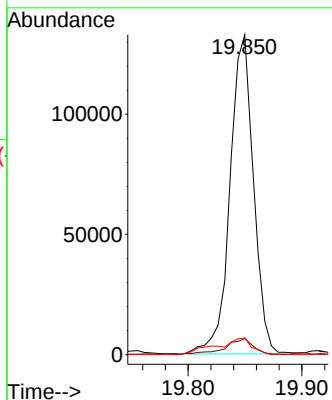
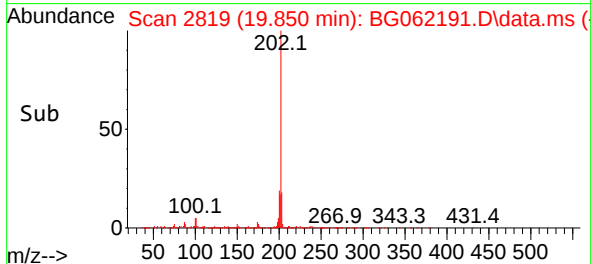
Instrument :
 BNA_G
 ClientSampleId :
 A4CK9



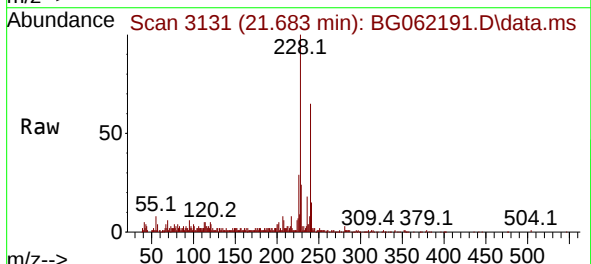
Tgt Ion:202 Resp: 19043
 Ion Ratio Lower Upper
 202 100
 101 5.0 4.2 6.4
 100 5.3 4.0 6.0

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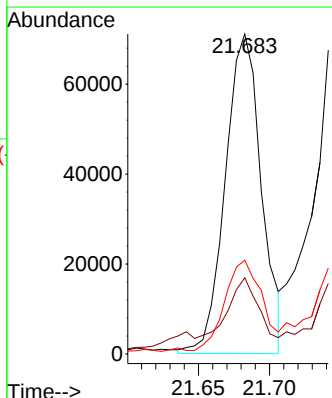
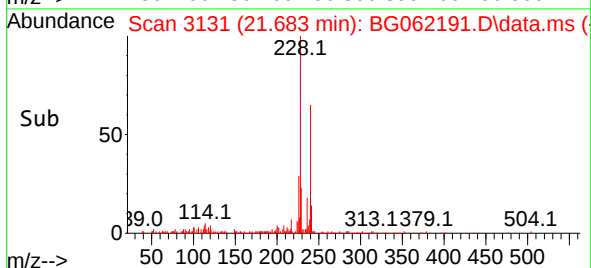
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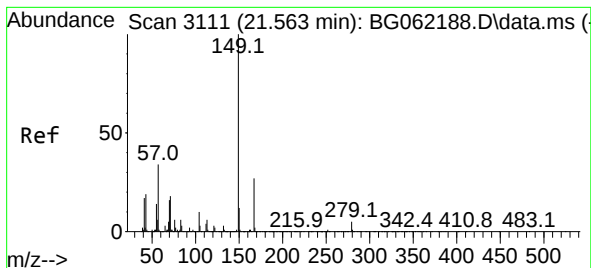


#85
 Benzo(a)anthracene
 Concen: 4.877 ng/ul
 RT: 21.683 min Scan# 3131
 Delta R.T. 0.002 min
 Lab File: BG062191.D
 Acq: 23 Jul 2024 18:36



Tgt Ion:228 Resp: 125426
 Ion Ratio Lower Upper
 228 100
 229 23.8 15.4 23.2#
 226 29.3 20.9 31.3





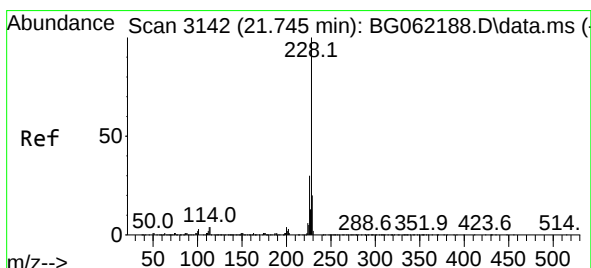
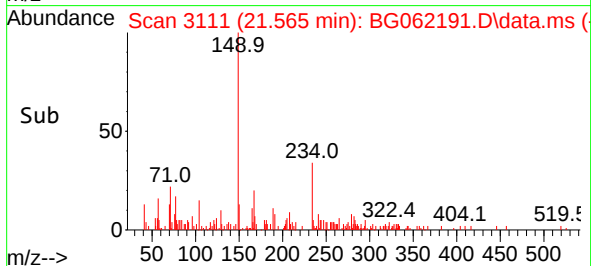
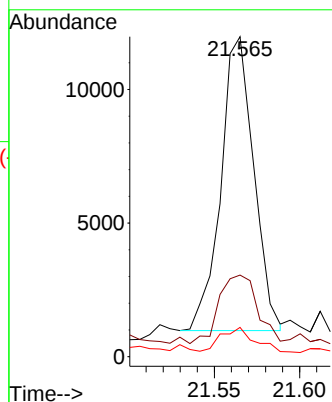
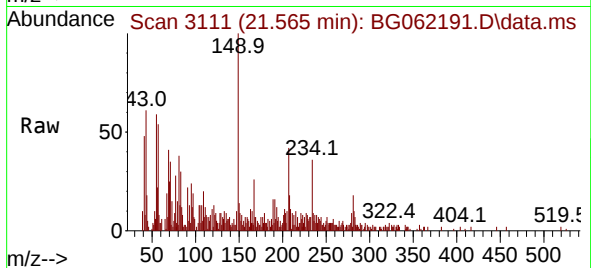
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.399 ng/ul
RT: 21.565 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BG062191.D
Acq: 23 Jul 2024 18:36

Instrument :
BNA_G
ClientSampleId :
A4CK9

Tgt Ion:149 Resp: 14749
Ion Ratio Lower Upper
149 100
167 25.5 20.2 30.2
279 9.2 3.8 5.8

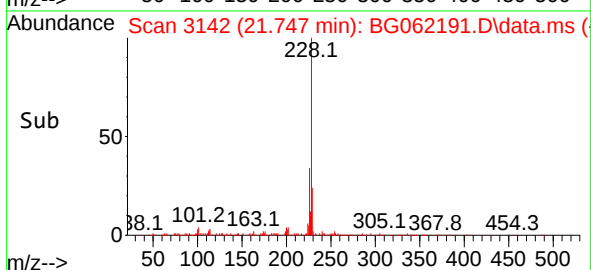
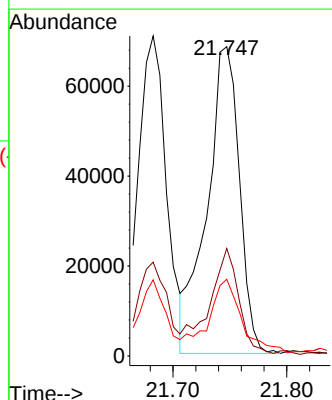
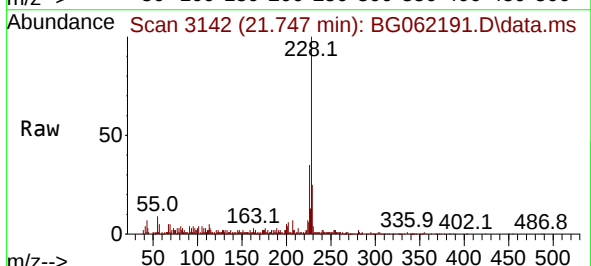
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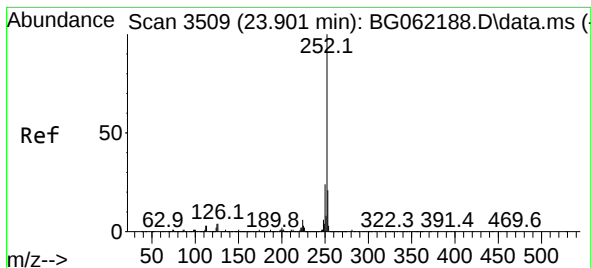
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 5.738 ng/ul
RT: 21.747 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BG062191.D
Acq: 23 Jul 2024 18:36

Tgt Ion:228 Resp: 135671
Ion Ratio Lower Upper
228 100
226 34.7 24.0 36.0
229 24.8 15.4 23.0





#90

Benzo(b)fluoranthene

Concen: 6.291 ng/ul

RT: 23.897 min Scan# 3509

Delta R.T. -0.010 min

Lab File: BG062191.D

Acq: 23 Jul 2024 18:36

Instrument :

BNA_G

ClientSampleId :

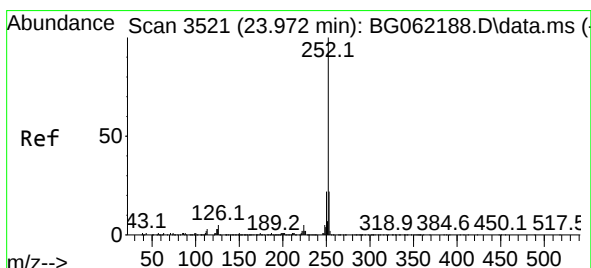
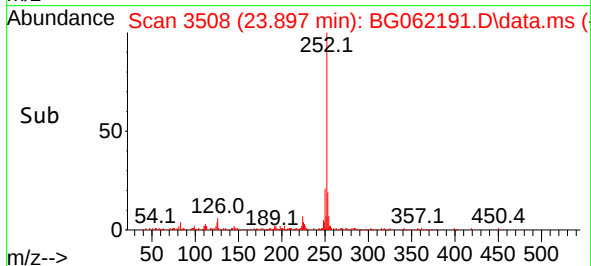
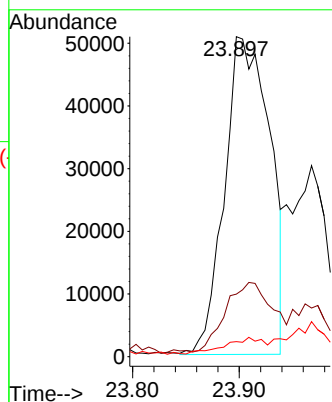
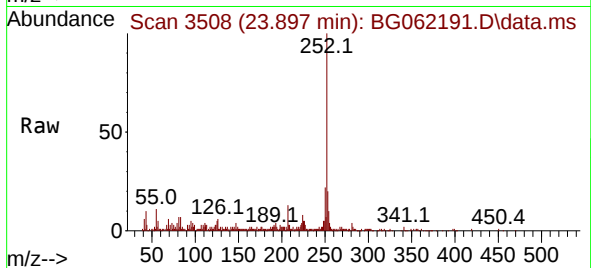
A4CK9

Tgt Ion:	252	Resp:	149669
Ion Ratio	Lower	Upper	
252	100		
253	19.6	17.2	25.8
125	4.7	3.4	5.0

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 3.170 ng/ul m

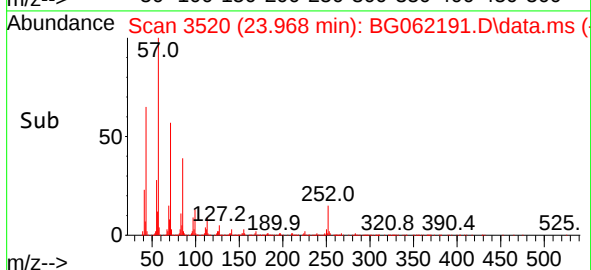
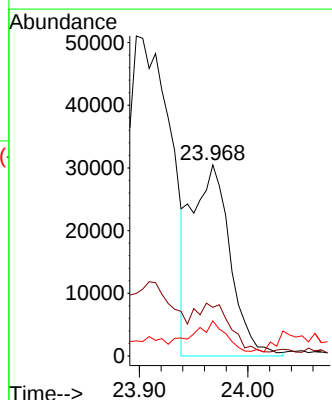
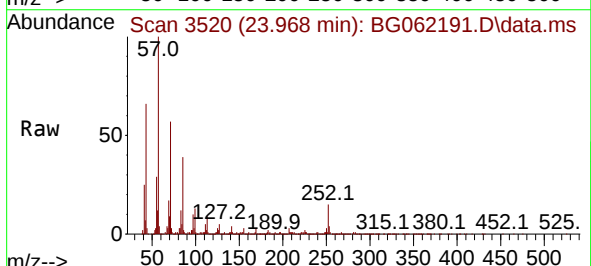
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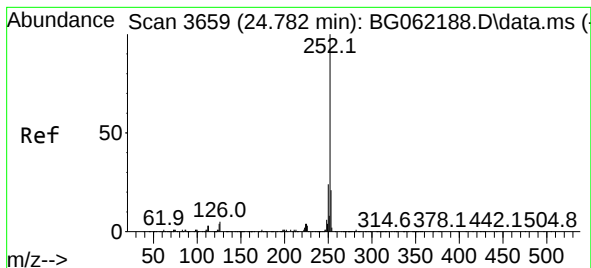
Delta R.T. -0.004 min

Lab File: BG062191.D

Acq: 23 Jul 2024 18:36

Tgt Ion:	252	Resp:	75276
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.2	27.2
125	18.3	2.7	4.1#





#93

Benzo(a)pyrene

Concen: 2.882 ng/ul m

RT: 24.778 min Scan# 3659

Delta R.T. -0.004 min

Lab File: BG062191.D

Acq: 23 Jul 2024 18:36

Instrument :

BNA_G

ClientSampleId :

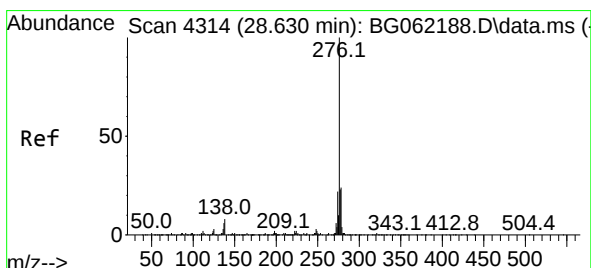
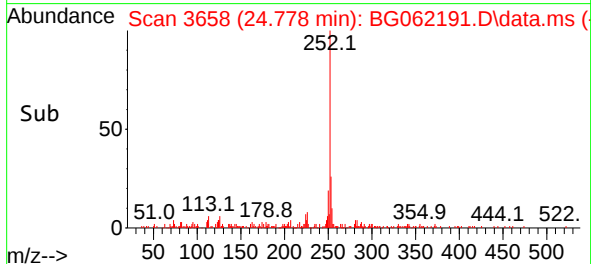
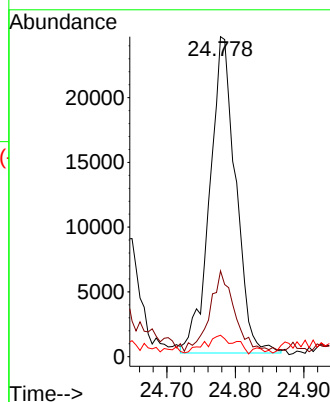
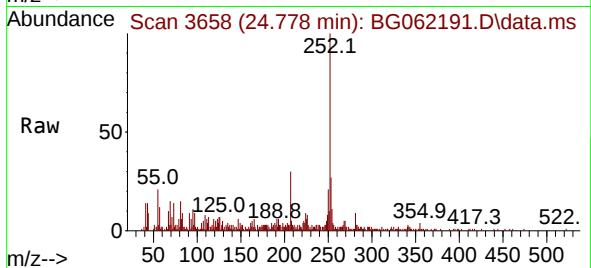
A4CK9

Tgt Ion:	252	Resp:	6420
Ion Ratio	Lower	Upper	
252	100		
253	26.8	16.6	24.8
125	6.7	3.0	4.4

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.111 ng/ul m

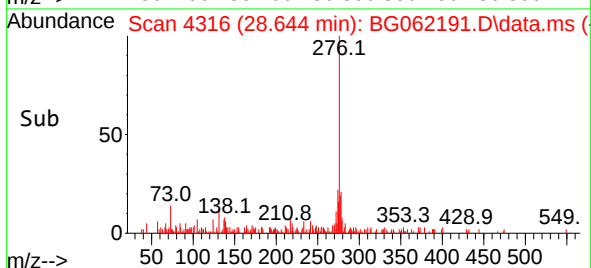
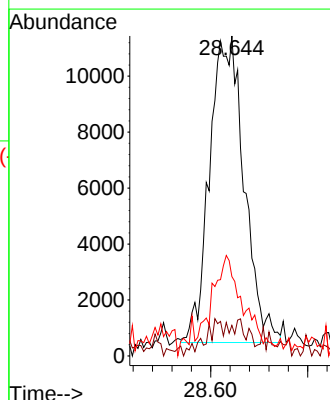
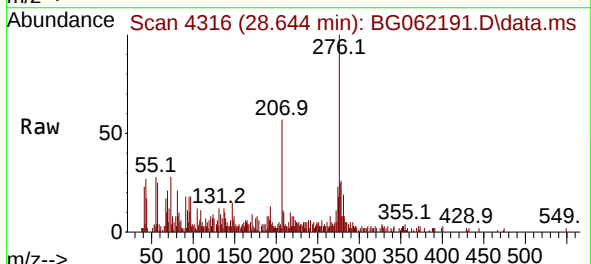
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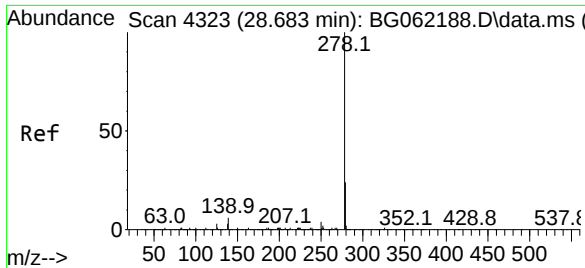
Delta R.T. 0.019 min

Lab File: BG062191.D

Acq: 23 Jul 2024 18:36

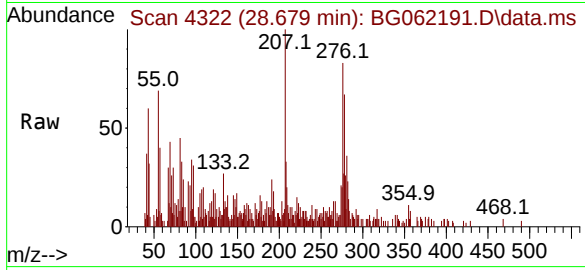
Tgt Ion:	276	Resp:	54036
Ion Ratio	Lower	Upper	
276	100		
138	9.5	6.1	9.1
277	24.8	17.4	26.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.110 ng/ul m
 RT: 28.679 min Scan# 4
 Delta R.T. -0.004 min
 Lab File: BG062191.D
 Acq: 23 Jul 2024 18:36

Instrument :
 BNA_G
 ClientSampleId :
 A4CK9



Tgt Ion:278 Resp: 2356
 Ion Ratio Lower Upper
 278 100
 139 8.0 4.7 7.1
 279 38.5 18.9 28.3

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