

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062192.D
 Acq On : 23 Jul 2024 19:17
 Operator : MA/JU
 Sample : P3263-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CLO

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 23:15:06 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	8.064	152	42154	20.000	ng/u1	0.00
20) Naphthalene-d8	10.878	136	172956	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.697	164	145536	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.440	188	348965	20.000	ng/u1	0.00
79) Chrysene-d12	21.705	240	325302	20.000	ng/u1	0.00
88) Perylene-d12	24.942	264	354940	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	3597	3.984	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.242	99	102104	24.603	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	56732	23.793	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	63406	24.244	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	77272	24.449	ng/u1	0.00
21) Nitrobenzene-d5	9.233	128	32257	23.409	ng/u1	0.00
24) 2-Nitrophenol-d4	9.956	143	42983	25.916	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.508	165	93876	27.039	ng/u1	0.00
31) 4-Chloroaniline-d4	11.025	131	17337m	4.151	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	300970	24.398	ng/u1	0.00
49) Acenaphthylene-d8	14.391	160	328293	26.246	ng/u1	0.00
54) 4-Nitrophenol-d4	14.926	143	31443	21.152	ng/u1	0.00
60) Fluorene-d10	15.683	176	256809	24.451	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.807	200	44643	20.131	ng/u1	0.00
73) Anthracene-d10	17.540	188	418951	25.701	ng/u1	0.00
81) Pyrene-d10	19.819	212	452307	24.523	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.718	264	325303	18.334	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.481	178	226976	13.516	ng/u1	100
74) Anthracene	17.569	178	42544	2.461	ng/u1	96
77) Carbazole	17.845	167	17151	1.167	ng/u1	93
80) Fluoranthene	19.484	202	464550	21.956	ng/u1	98
82) Pyrene	19.848	202	360841	16.402	ng/u1	99
85) Benzo(a)anthracene	21.681	228	250848	10.986	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.564	149	29137	3.113	ng/u1#	88
87) Chrysene	21.752	228	243740	11.611	ng/u1	95
90) Benzo(b)fluoranthene	23.913	252	289159	13.186	ng/u1	98
91) Benzo(k)fluoranthene	23.966	252	110980m	5.070	ng/u1	
93) Benzo(a)pyrene	24.783	252	119967	5.842	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.637	276	105063	4.453	ng/u1#	87
95) Dibenzo(a,h)anthracene	28.684	278	42894m	2.192	ng/u1	

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

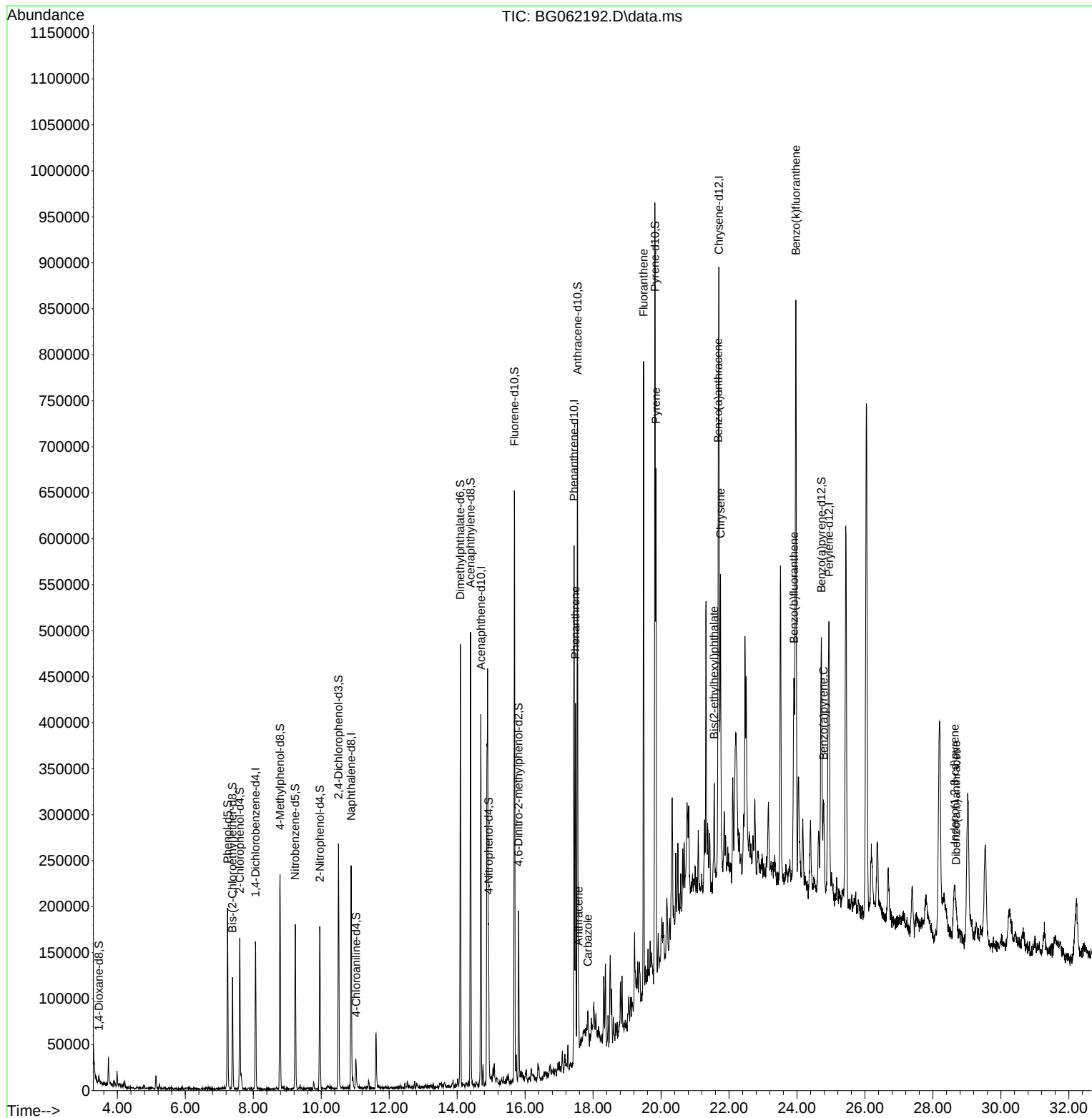
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062192.D
Acq On : 23 Jul 2024 19:17
Operator : MA/JU
Sample : P3263-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

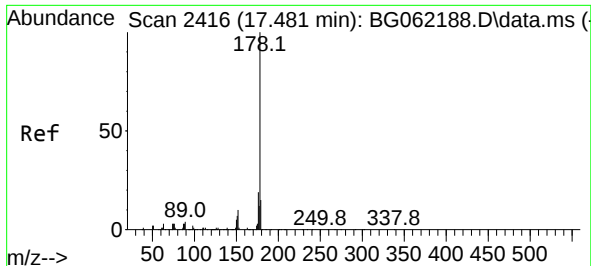
Instrument :
BNA_G
ClientSampleId :
A4CLO

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Supervised By :mohammad ahmed 07/25/2024

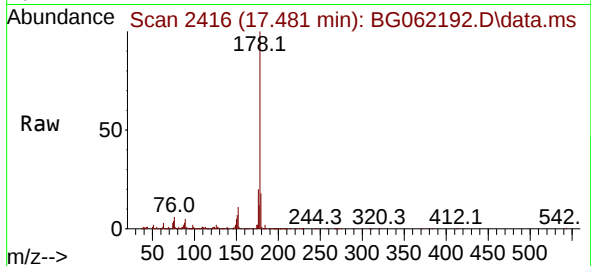
Quant Time: Jul 23 23:15:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 13.516 ng/ul
RT: 17.481 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BG062192.D
Acq: 23 Jul 2024 19:17

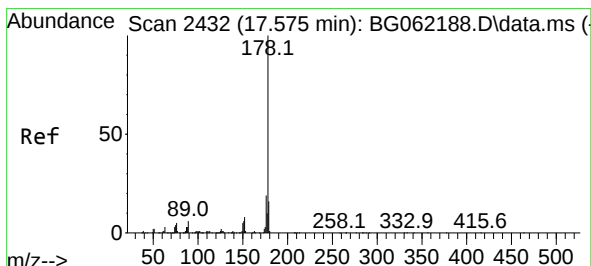
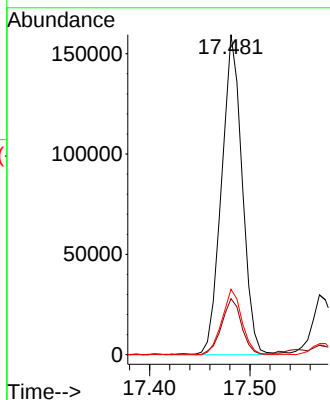
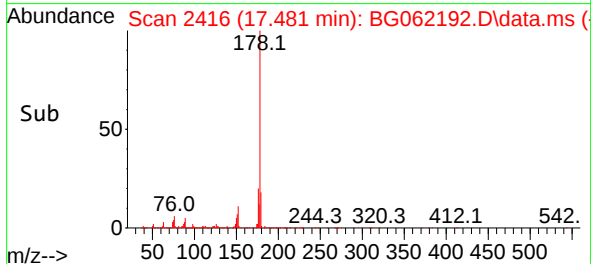
Instrument :
BNA_G
ClientSampleId :
A4CLO



Tgt Ion:178 Resp: 226970
Ion Ratio Lower Upper
178 100
179 17.5 14.1 21.1
176 20.5 16.3 24.5

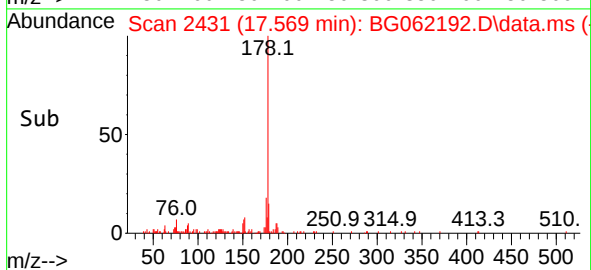
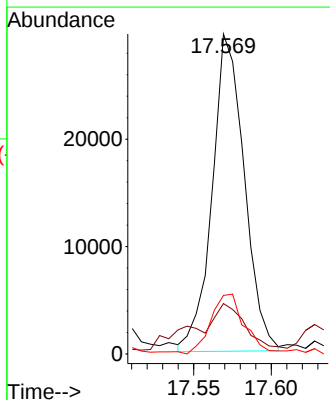
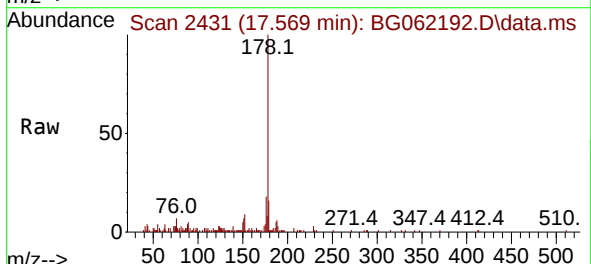
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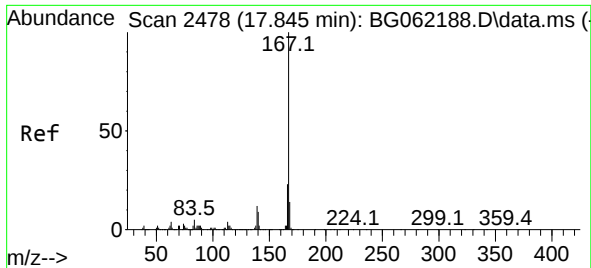
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#74
Anthracene
Concen: 2.461 ng/ul
RT: 17.569 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BG062192.D
Acq: 23 Jul 2024 19:17

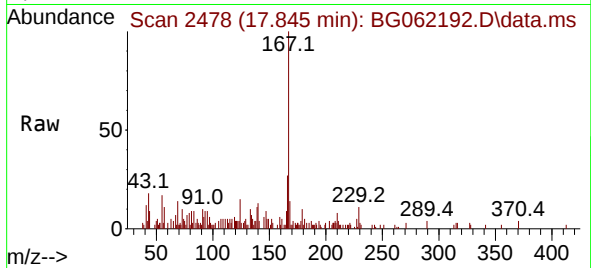
Tgt Ion:178 Resp: 42544
Ion Ratio Lower Upper
178 100
179 15.8 13.9 20.9
176 18.3 16.3 24.5





#77
 Carbazole
 Concen: 1.167 ng/ul
 RT: 17.845 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BG062192.D
 Acq: 23 Jul 2024 19:17

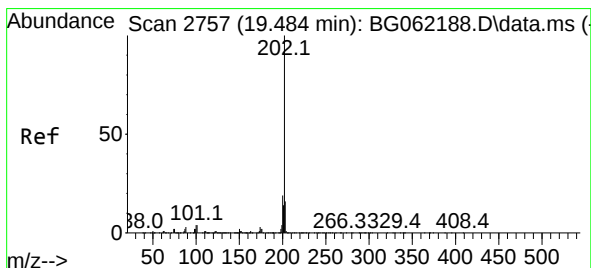
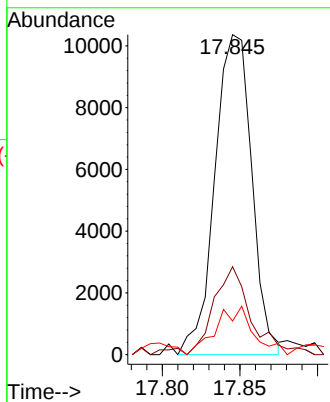
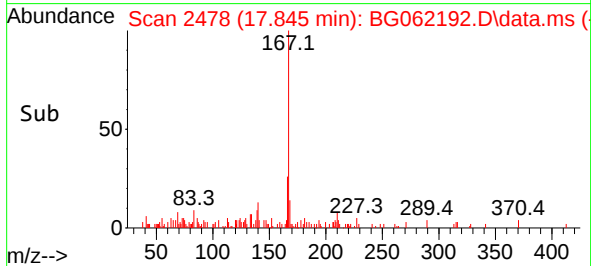
Instrument :
 BNA_G
 ClientSampleId :
 A4CLO



Tgt Ion:167 Resp: 1715
 Ion Ratio Lower Upper
 167 100
 166 27.5 18.5 27.7
 139 10.5 9.8 14.8

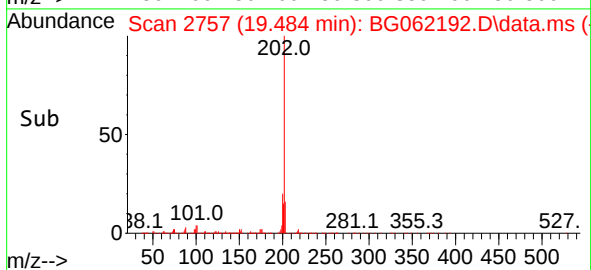
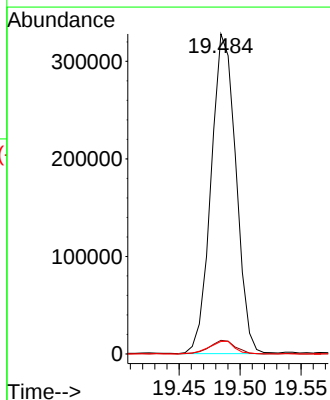
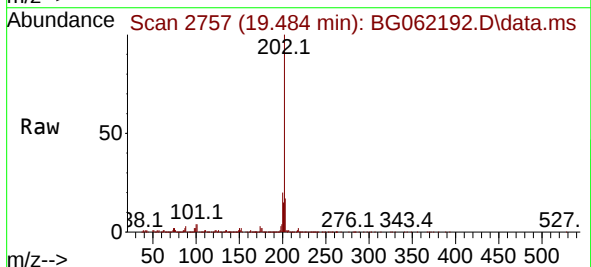
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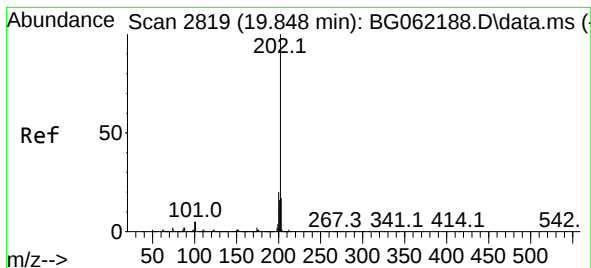
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Fluoranthene
 Concen: 21.956 ng/ul
 RT: 19.484 min Scan# 2757
 Delta R.T. 0.000 min
 Lab File: BG062192.D
 Acq: 23 Jul 2024 19:17

Tgt Ion:202 Resp: 464550
 Ion Ratio Lower Upper
 202 100
 101 4.3 4.2 6.2
 100 3.9 3.1 4.7





#82

Pyrene

Concen: 16.402 ng/ul

RT: 19.848 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BG062192.D

Acq: 23 Jul 2024 19:17

Instrument :

BNA_G

ClientSampleId :

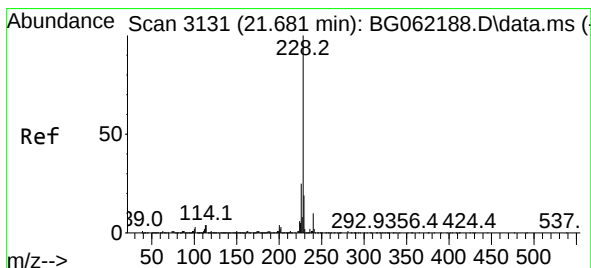
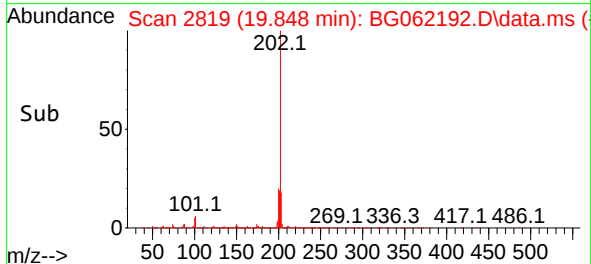
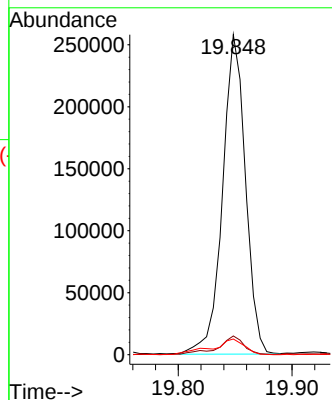
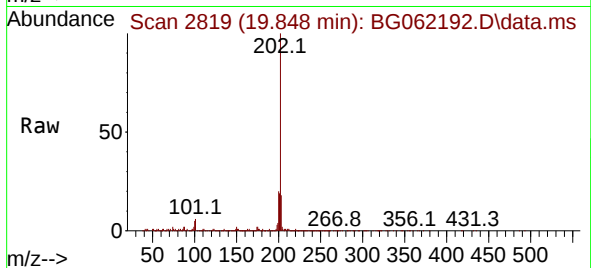
A4CLO

Tgt Ion:	202	Resp:	36084
Ion Ratio	Lower	Upper	
202	100		
101	5.9	4.2	6.4
100	4.9	4.0	6.0

Manual Integrations

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



#85

Benzo(a)anthracene

Concen: 10.986 ng/ul

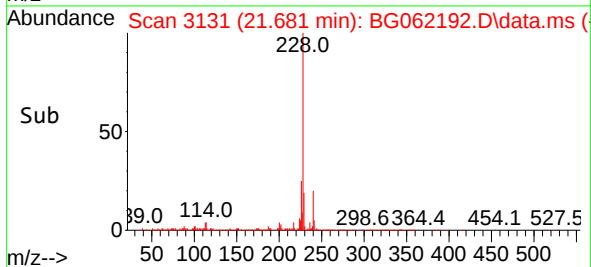
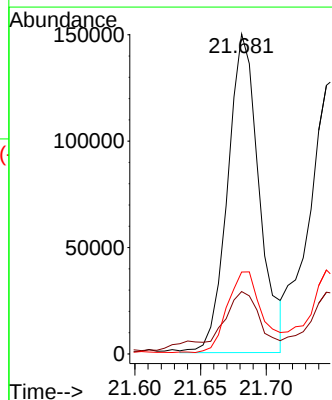
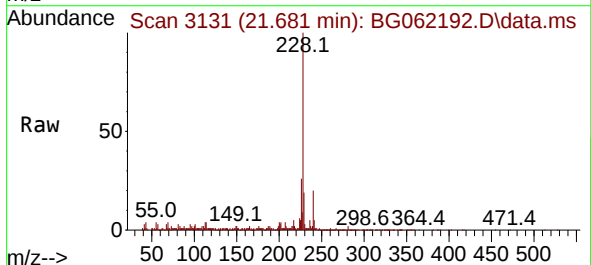
RT: 21.681 min Scan# 3131

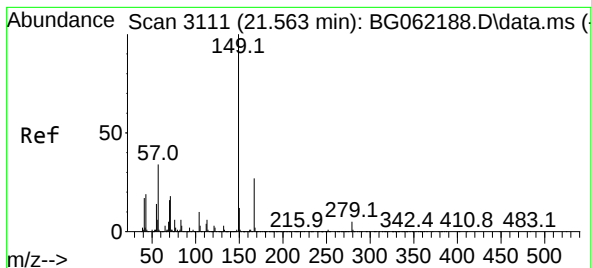
Delta R.T. 0.000 min

Lab File: BG062192.D

Acq: 23 Jul 2024 19:17

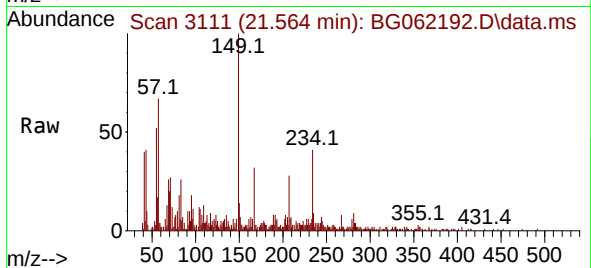
Tgt Ion:	228	Resp:	250848
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.4	23.2
226	25.6	20.9	31.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.113 ng/ul
RT: 21.564 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BG062192.D
Acq: 23 Jul 2024 19:17

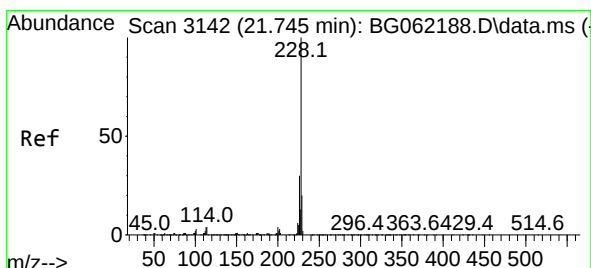
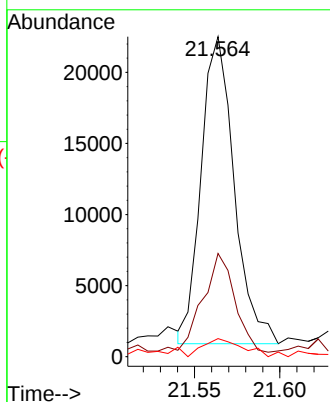
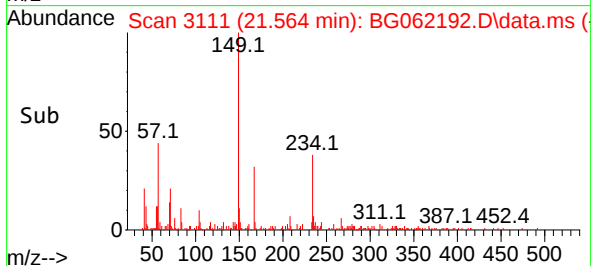
Instrument :
BNA_G
ClientSampleId :
A4CLO



Tgt Ion:149 Resp: 2913
Ion Ratio Lower Upper
149 100
167 32.3 20.2 30.2
279 5.7 3.8 5.8

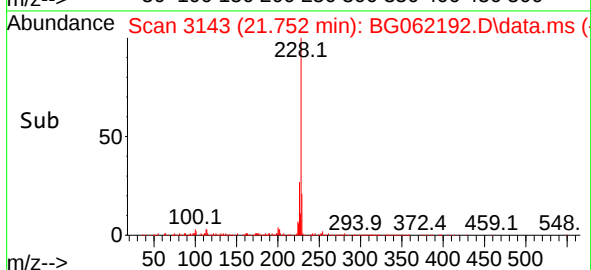
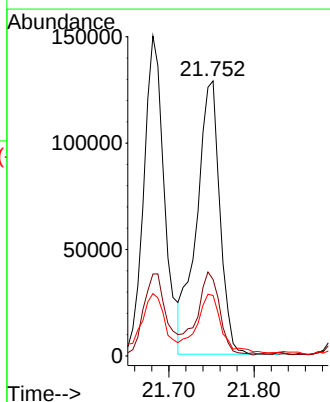
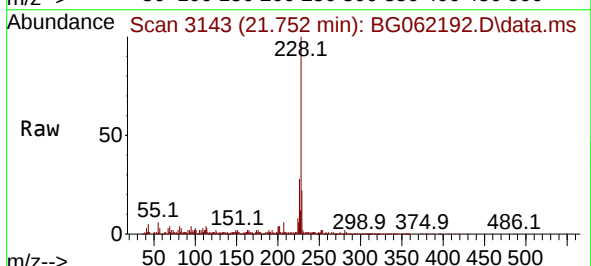
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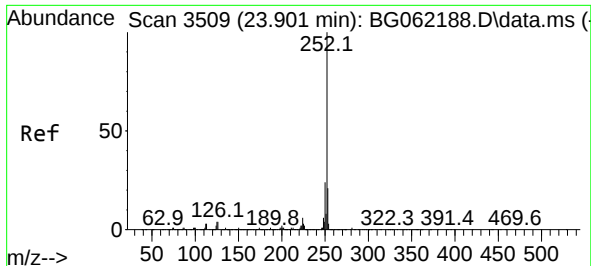
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 11.611 ng/ul
RT: 21.752 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BG062192.D
Acq: 23 Jul 2024 19:17

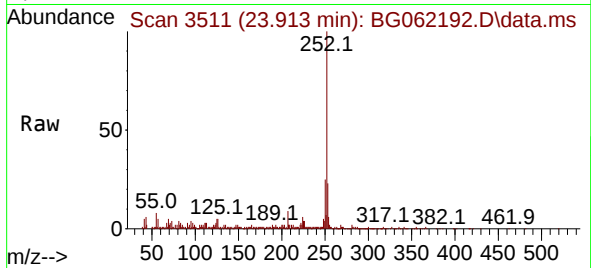
Tgt Ion:228 Resp: 243740
Ion Ratio Lower Upper
228 100
226 27.8 24.0 36.0
229 22.0 15.4 23.0





#90
Benzo(b)fluoranthene
Concen: 13.186 ng/ul
RT: 23.913 min Scan# 3511
Delta R.T. 0.006 min
Lab File: BG062192.D
Acq: 23 Jul 2024 19:17

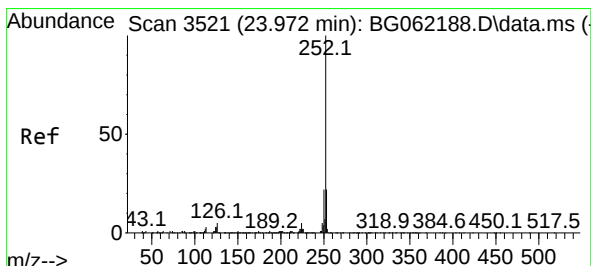
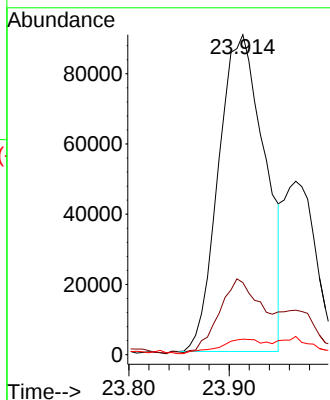
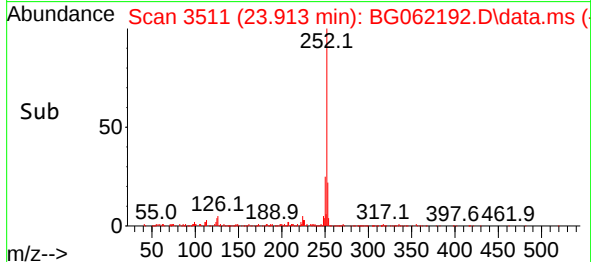
Instrument :
BNA_G
ClientSampleId :
A4CLO



Tgt Ion:252 Resp: 289159
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 4.9 3.4 5.0

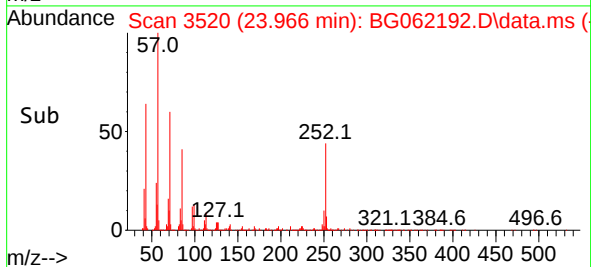
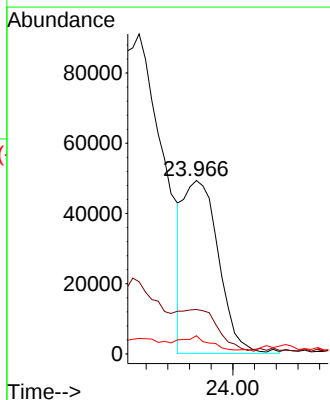
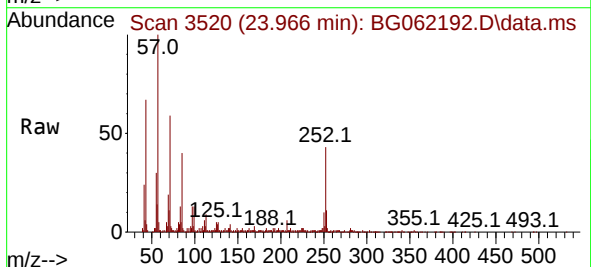
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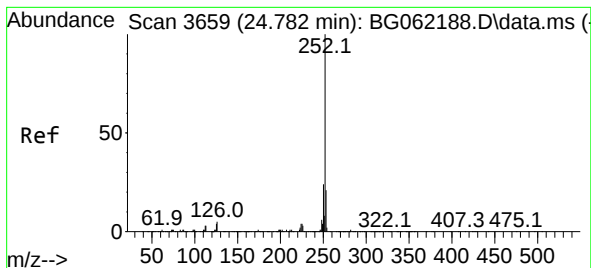
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#91
Benzo(k)fluoranthene
Concen: 5.070 ng/ul m
RT: 23.966 min Scan# 3520
Delta R.T. -0.006 min
Lab File: BG062192.D
Acq: 23 Jul 2024 19:17

Tgt Ion:252 Resp: 110980
Ion Ratio Lower Upper
252 100
253 25.7 18.2 27.2
125 10.5 2.7 4.1#





#93

Benzo(a)pyrene

Concen: 5.842 ng/ul

RT: 24.783 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG062192.D

Acq: 23 Jul 2024 19:17

Instrument :

BNA_G

ClientSampleId :

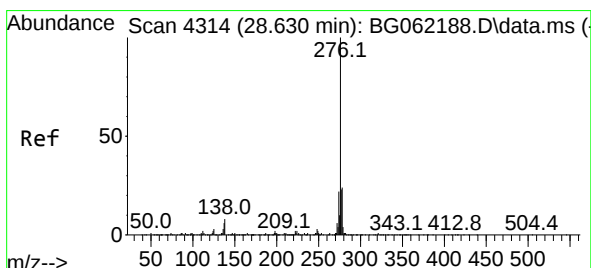
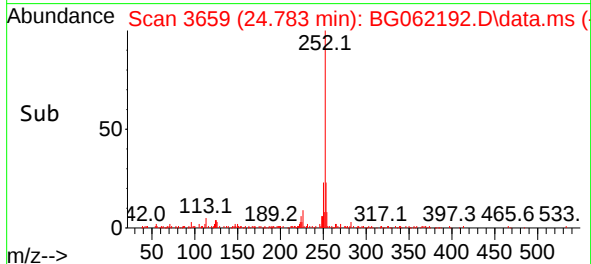
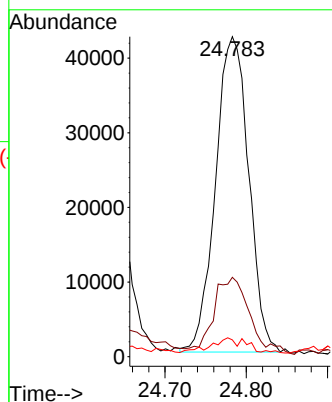
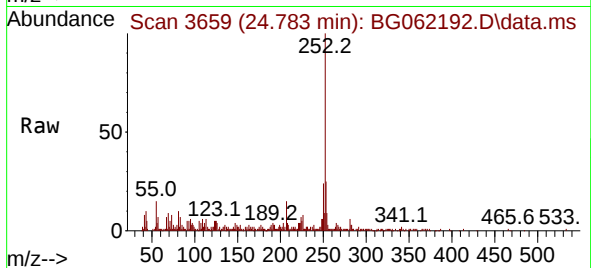
A4CLO

Tgt Ion:	252	Resp:	11996
Ion Ratio	Lower	Upper	
252	100		
253	24.8	16.6	24.8
125	5.3	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: 4.453 ng/ul

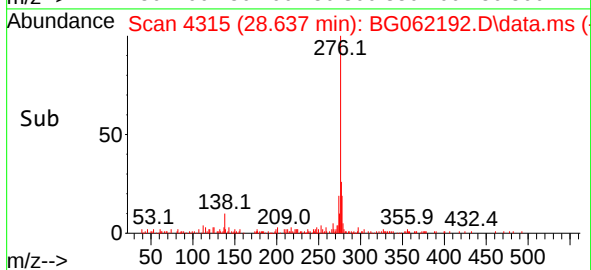
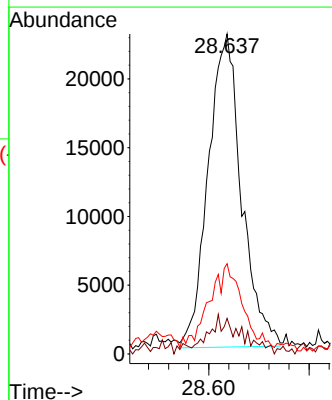
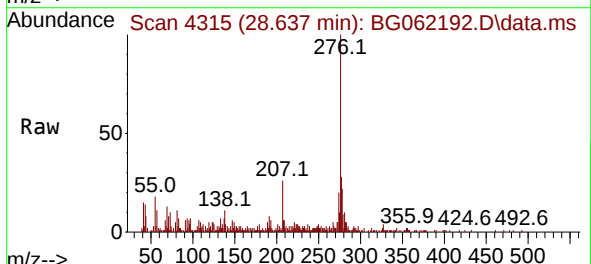
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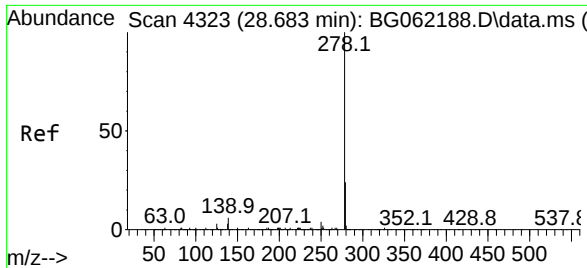
Delta R.T. 0.012 min

Lab File: BG062192.D

Acq: 23 Jul 2024 19:17

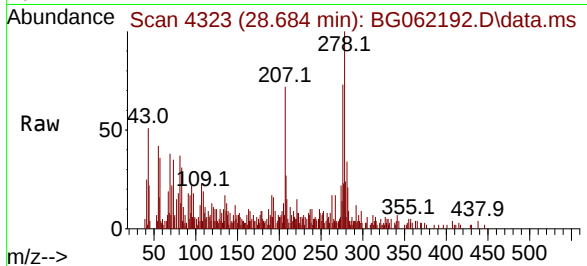
Tgt Ion:	276	Resp:	105063
Ion Ratio	Lower	Upper	
276	100		
138	11.1	6.1	9.1#
277	28.2	17.4	26.2#





#95
 Dibenzo(a,h)anthracene
 Concen: 2.192 ng/ul m
 RT: 28.684 min Scan# 4
 Delta R.T. 0.000 min
 Lab File: BG062192.D
 Acq: 23 Jul 2024 19:17

Instrument :
 BNA_G
 ClientSampleId :
 A4CLO



Tgt Ion:278 Resp: 42894
 Ion Ratio Lower Upper
 278 100
 139 9.0 4.7 7.1
 279 23.8 18.9 28.3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
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