

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062015.D
 Acq On : 11 Jul 2024 18:25
 Operator : MA/JU
 Sample : P3125-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CZ2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

Quant Time: Jul 12 00:44:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	54505	20.000	ng/u1	0.00
20) Naphthalene-d8	10.850	136	263734	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	191753	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.412	188	449234	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.672	240	397082	20.000	ng/u1	# 0.00
88) Perylene-d12	24.886	264	475441	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	6599	4.550	ng/uL	0.00
4) Pyridine-d5	3.864	84	9234	2.071	ng/u1	0.00
7) Phenol-d5	7.195	99	181047	30.352	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	107416	28.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.571	132	124846	30.513	ng/u1	0.00
15) 4-Methylphenol-d8	8.746	113	142938	30.436	ng/u1	0.00
21) Nitrobenzene-d5	9.204	128	63110	31.464	ng/u1	0.00
24) 2-Nitrophenol-d4	9.927	143	77974	34.041	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.468	165	147963	33.490	ng/u1	0.00
31) 4-Chloroaniline-d4	10.985	131	54146	8.441	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	477577	30.294	ng/u1	0.00
49) Acenaphthylene-d8	14.363	160	516420	31.328	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	75932	30.161	ng/u1	0.00
60) Fluorene-d10	15.662	176	419709	31.625	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.773	200	73748	31.258	ng/u1	0.00
73) Anthracene-d10	17.512	188	644450	30.726	ng/u1	0.00
81) Pyrene-d10	19.798	212	512884	21.959	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.663	264	348227	14.768	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.177	77	5059	1.603	ng/u1	86
72) Phenanthrene	17.454	178	156974	6.627	ng/u1	97
74) Anthracene	17.548	178	28520m	1.165	ng/u1	
80) Fluoranthene	19.463	202	323482	11.703	ng/u1	96
82) Pyrene	19.821	202	198361	6.947	ng/u1#	93
85) Benzo(a)anthracene	21.655	228	174302	6.063	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.555	149	23637	1.375	ng/u1#	96
87) Chrysene	21.719	228	202485	7.523	ng/u1	98
90) Benzo(b)fluoranthene	23.870	252	270386	9.027	ng/u1	97
91) Benzo(k)fluoranthene	23.928	252	116640m	3.905	ng/u1	
93) Benzo(a)pyrene	24.727	252	72935	2.571	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	28.529	276	94708m	2.613	ng/u1	
95) Dibenzo(a,h)anthracene	28.576	278	45763m	1.529	ng/u1	

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

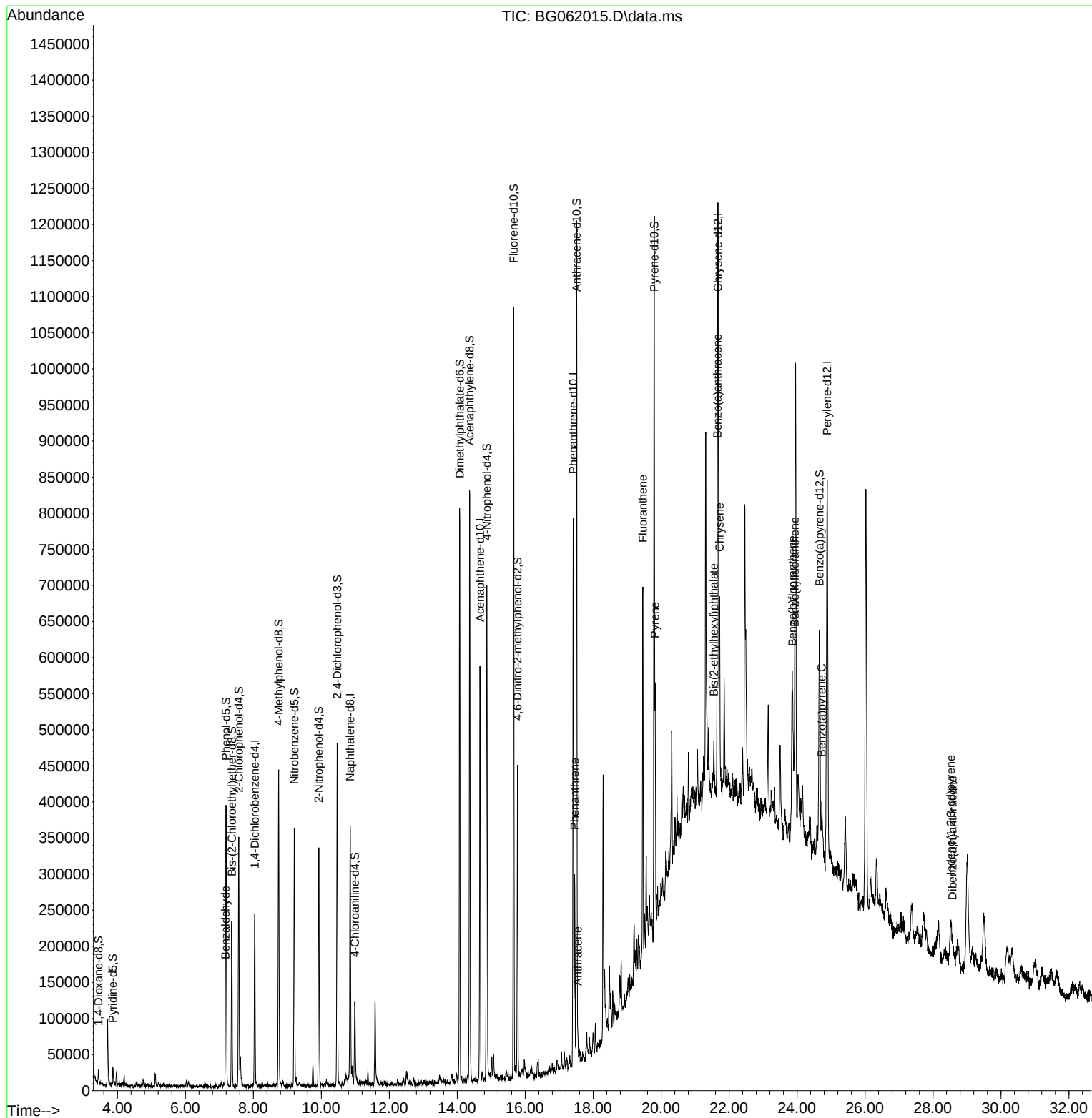
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062015.D
Acq On : 11 Jul 2024 18:25
Operator : MA/JU
Sample : P3125-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

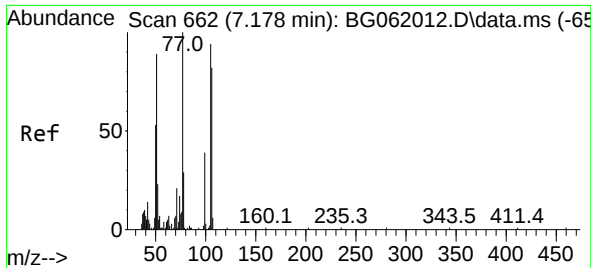
Instrument :
BNA_G
ClientSampleId :
A4CZ2

Quant Time: Jul 12 00:44:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
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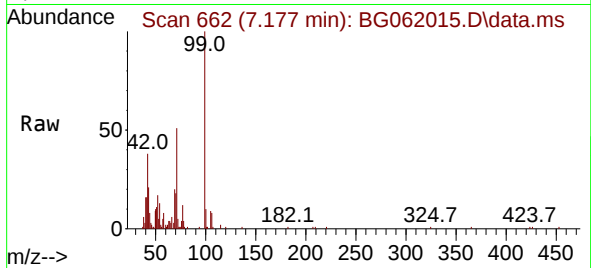
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024





#6
Benzaldehyde
Concen: 1.603 ng/ul
RT: 7.177 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG062015.D
Acq: 11 Jul 2024 18:25

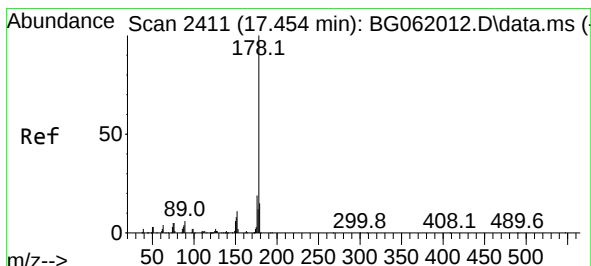
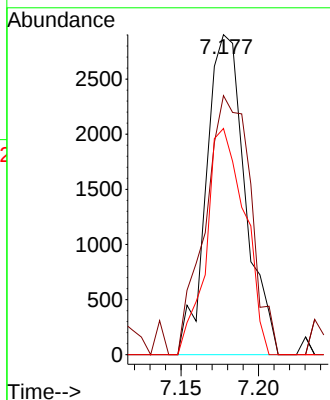
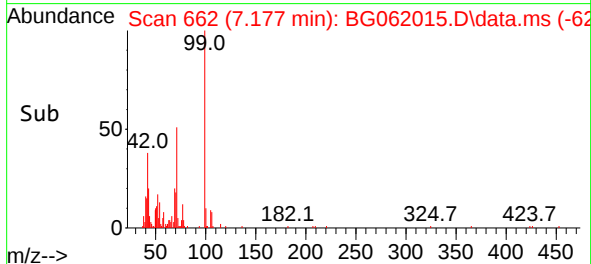
Instrument :
BNA_G
ClientSampleId :
A4CZ2



Tgt Ion: 77 Resp: 5059
Ion Ratio Lower Upper
77 100
105 81.0 79.6 119.4
106 70.7 62.6 93.8

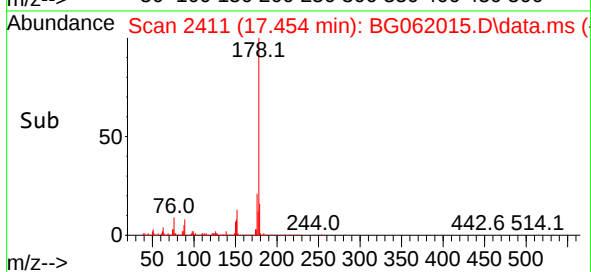
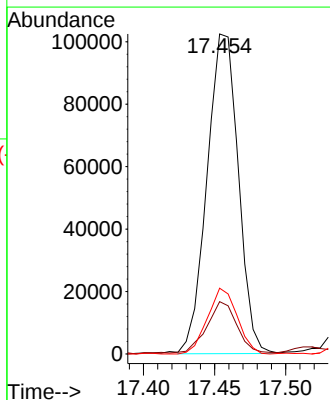
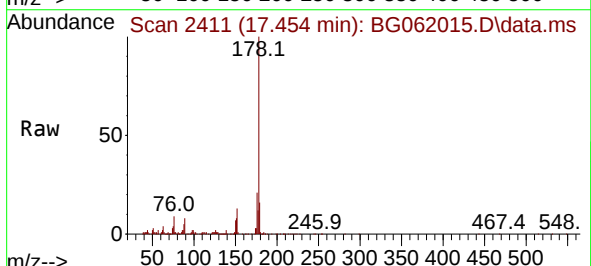
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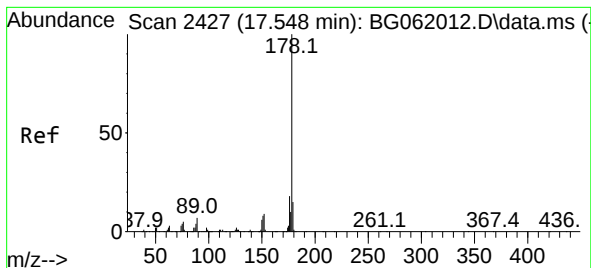
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#72
Phenanthrene
Concen: 6.627 ng/ul
RT: 17.454 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BG062015.D
Acq: 11 Jul 2024 18:25

Tgt Ion:178 Resp: 156974
Ion Ratio Lower Upper
178 100
179 16.4 11.9 17.9
176 20.6 15.5 23.3





#74

Anthracene

Concen: 1.165 ng/ul m

RT: 17.548 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG062015.D

Acq: 11 Jul 2024 18:25

Instrument :

BNA_G

ClientSampleId :

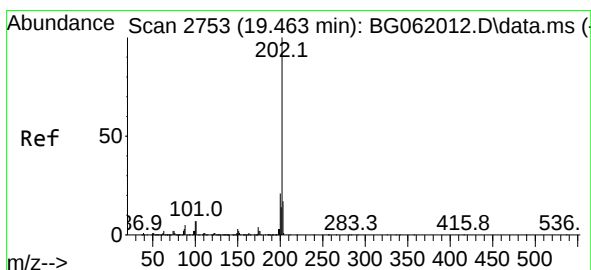
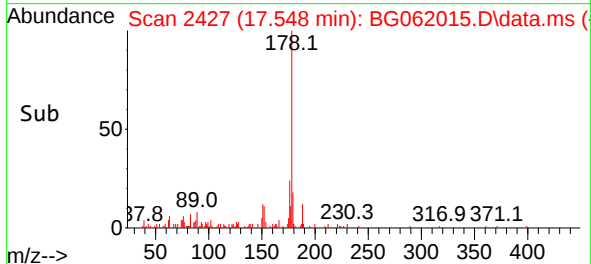
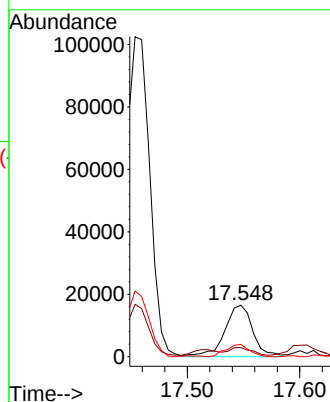
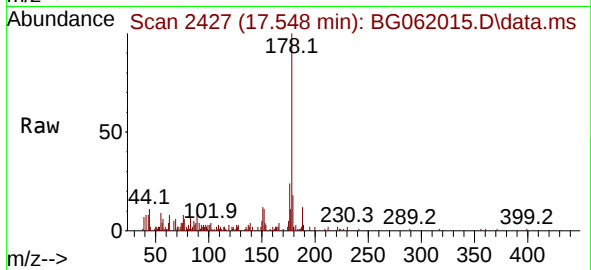
A4CZ2

Tgt Ion:178	Resp:	28520
Ion Ratio	Lower	Upper
178	100	
179	17.6	11.9 17.9
176	23.9	14.7 22.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024
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#80

Fluoranthene

Concen: 11.703 ng/ul

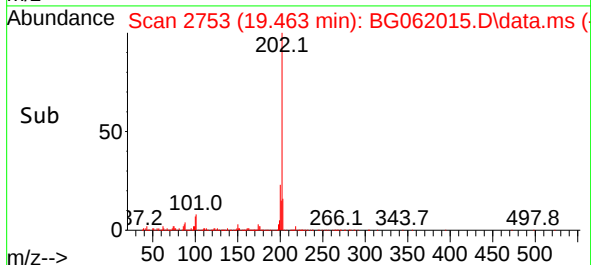
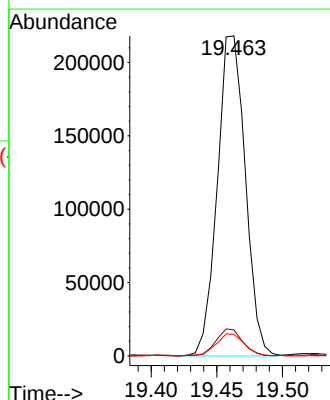
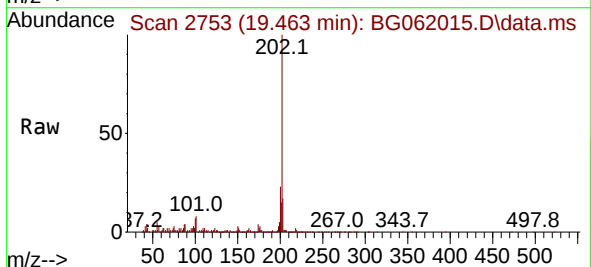
RT: 19.463 min Scan# 2753

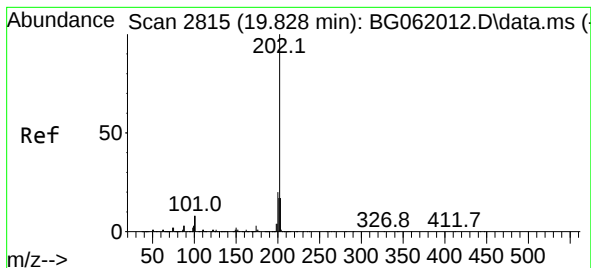
Delta R.T. 0.000 min

Lab File: BG062015.D

Acq: 11 Jul 2024 18:25

Tgt Ion:202	Resp:	323482
Ion Ratio	Lower	Upper
202	100	
101	8.1	7.4 11.2
100	6.8	6.6 10.0





#82

Pyrene

Concen: 6.947 ng/ul

RT: 19.821 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG062015.D

Acq: 11 Jul 2024 18:25

Instrument :

BNA_G

ClientSampleId :

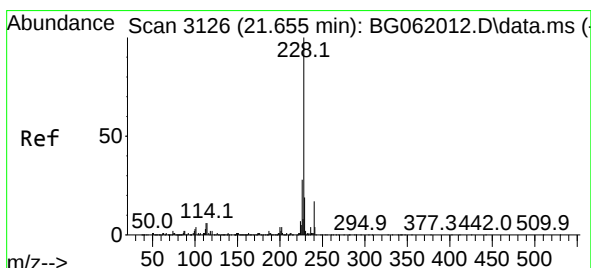
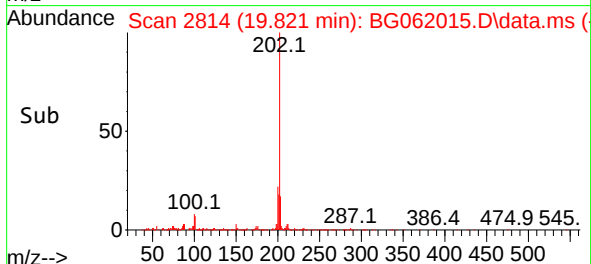
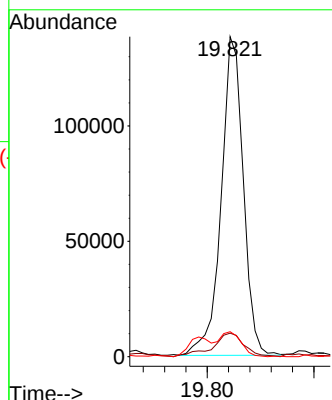
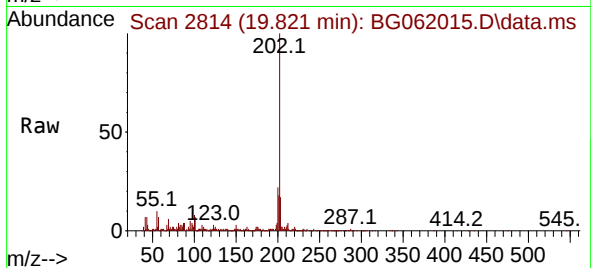
A4CZ2

Tgt Ion:202	Resp: 19836
Ion Ratio	Lower Upper
202 100	
101 7.3	8.8 13.2
100 7.8	7.6 11.4

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 6.063 ng/ul

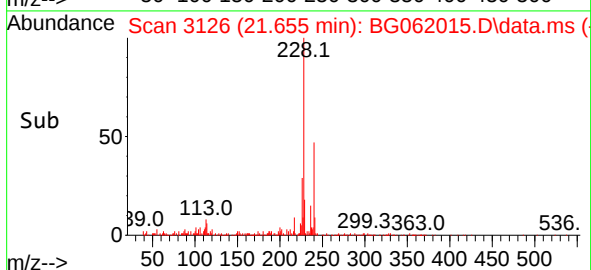
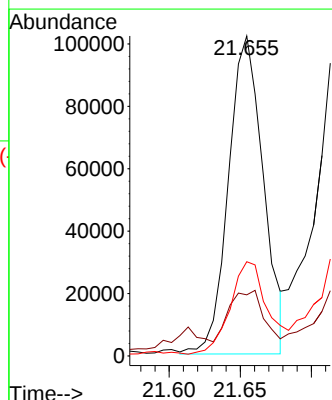
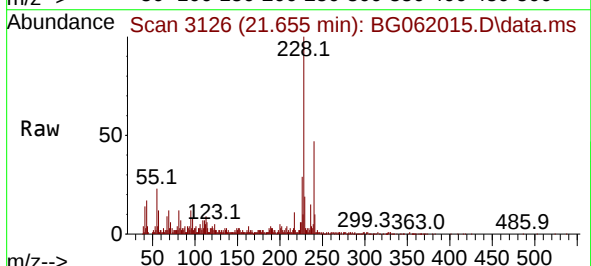
RT: 21.655 min Scan# 3126

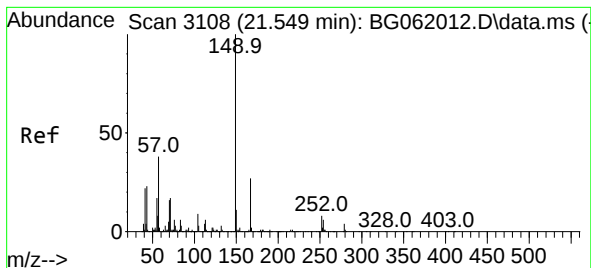
Delta R.T. 0.000 min

Lab File: BG062015.D

Acq: 11 Jul 2024 18:25

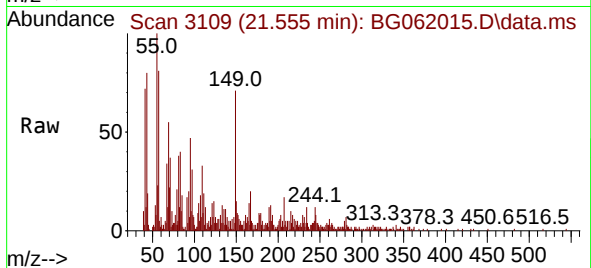
Tgt Ion:228	Resp: 174302
Ion Ratio	Lower Upper
228 100	
229 19.1	15.7 23.5
226 29.5	21.7 32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.375 ng/ul
RT: 21.555 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BG062015.D
Acq: 11 Jul 2024 18:25

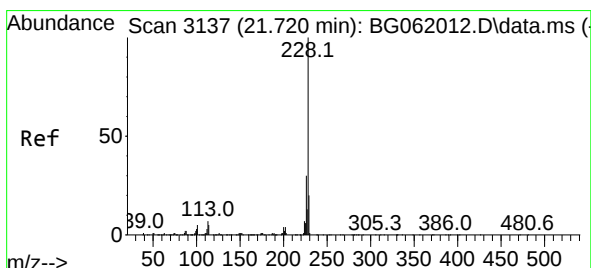
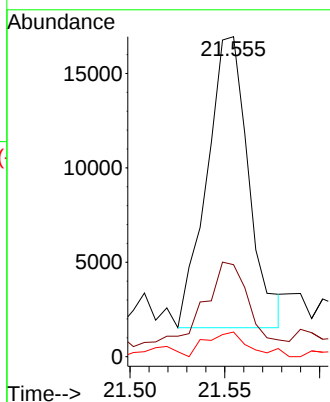
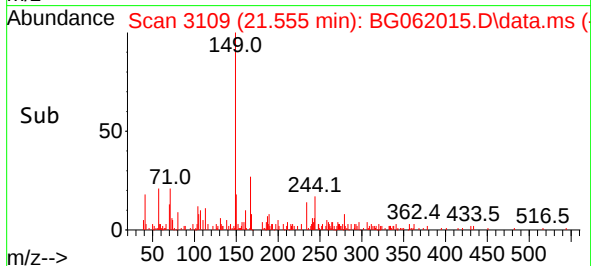
Instrument :
BNA_G
ClientSampleId :
A4CZ2



Tgt Ion:149 Resp: 2363
Ion Ratio Lower Upper
149 100
167 28.7 21.7 32.5
279 7.7 2.8 4.2

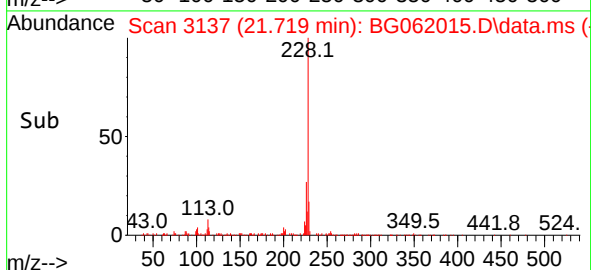
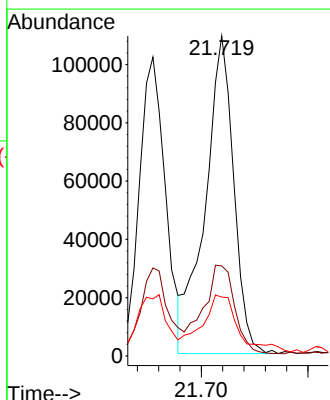
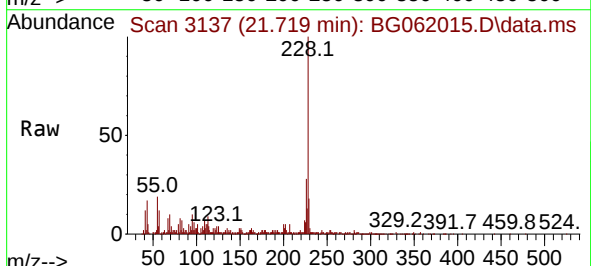
Manual Integrations
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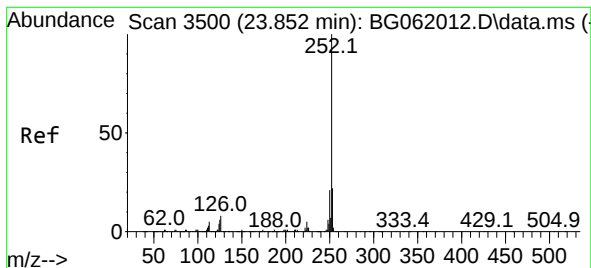
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#87
Chrysene
Concen: 7.523 ng/ul
RT: 21.719 min Scan# 3137
Delta R.T. -0.005 min
Lab File: BG062015.D
Acq: 11 Jul 2024 18:25

Tgt Ion:228 Resp: 202485
Ion Ratio Lower Upper
228 100
226 28.2 23.3 34.9
229 18.4 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 9.027 ng/ul

RT: 23.870 min Scan# 3500

Delta R.T. 0.012 min

Lab File: BG062015.D

Acq: 11 Jul 2024 18:25

Instrument :

BNA_G

ClientSampleId :

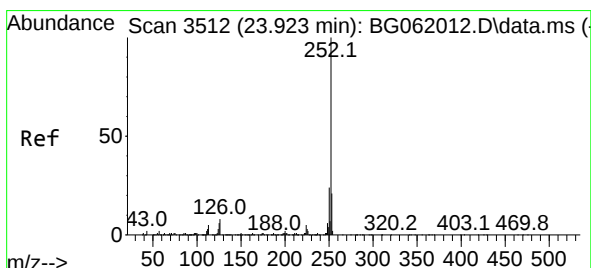
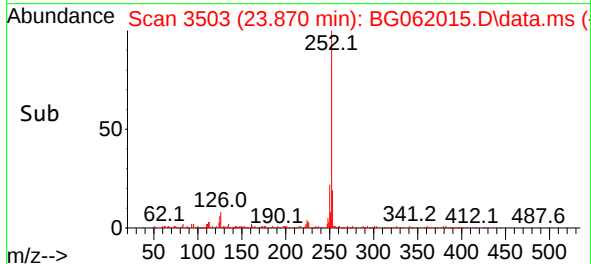
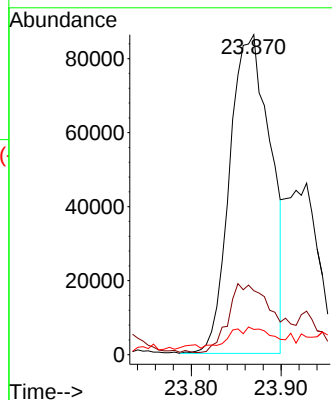
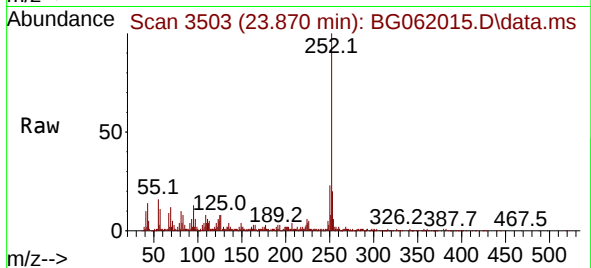
A4CZ2

Tgt Ion:252 Resp: 270380
 Ion Ratio Lower Upper
 252 100
 253 20.0 17.2 25.8
 125 7.9 6.1 9.1

Manual Integrations

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 Supervised By :mohammad ahmed 07/15/2024



#91

Benzo(k)fluoranthene

Concen: 3.905 ng/ul m

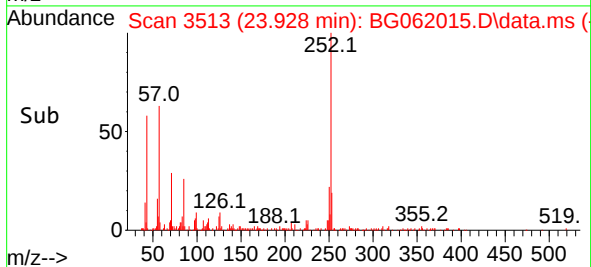
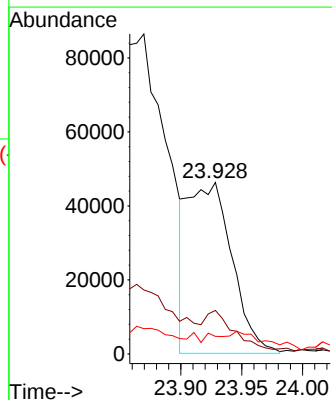
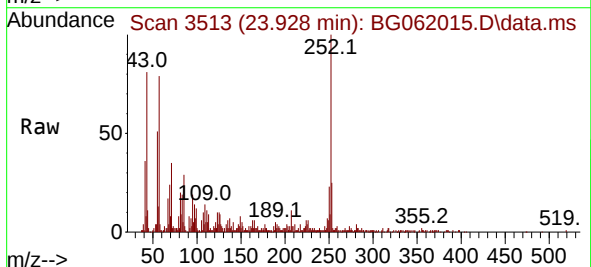
RT: 23.928 min Scan# 3513

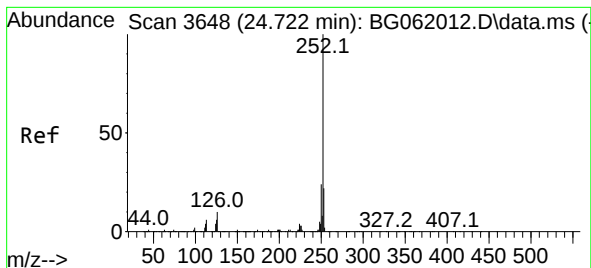
Delta R.T. 0.006 min

Lab File: BG062015.D

Acq: 11 Jul 2024 18:25

Tgt Ion:252 Resp: 116640
 Ion Ratio Lower Upper
 252 100
 253 25.4 19.3 28.9
 125 10.2 6.3 9.5





#93

Benzo(a)pyrene

Concen: 2.571 ng/ul

RT: 24.727 min Scan# 3649

Delta R.T. 0.000 min

Lab File: BG062015.D

Acq: 11 Jul 2024 18:25

Instrument :

BNA_G

ClientSampleId :

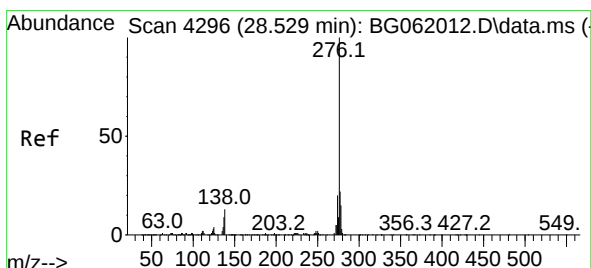
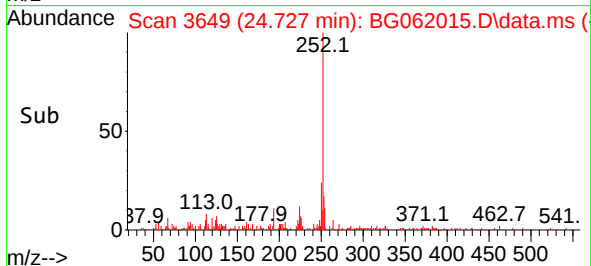
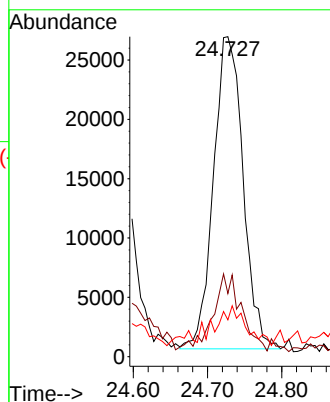
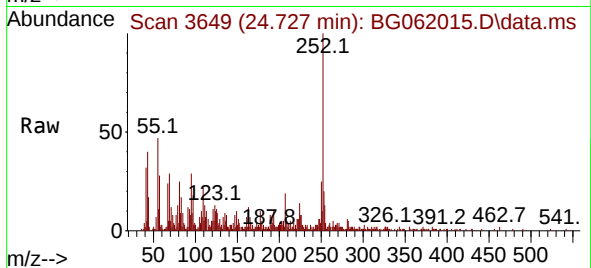
A4CZ2

Tgt Ion:	252	Resp:	7293
Ion Ratio	Lower	Upper	
252	100		
253	19.8	16.5	24.7
125	11.5	7.4	11.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.613 ng/ul m

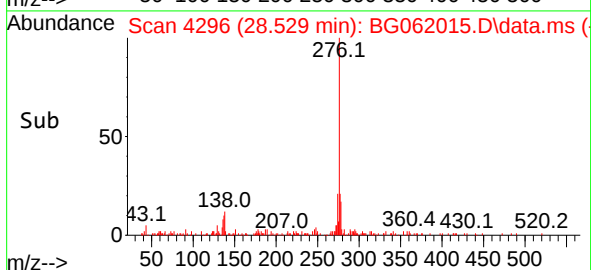
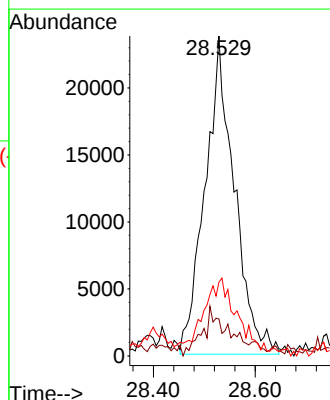
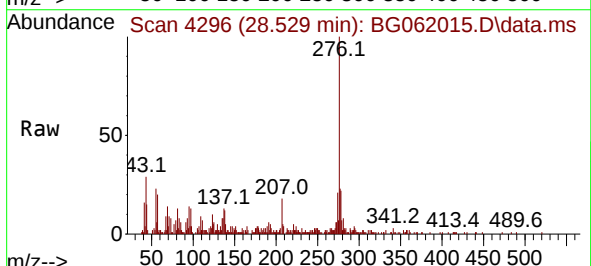
RT: 28.529 min Scan# 4296

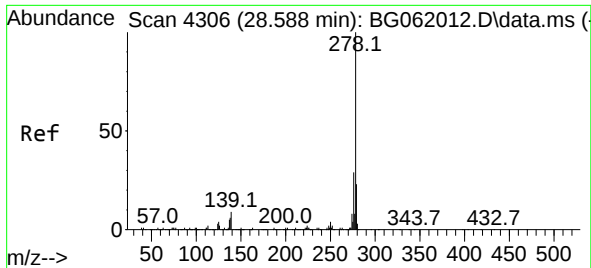
Delta R.T. -0.005 min

Lab File: BG062015.D

Acq: 11 Jul 2024 18:25

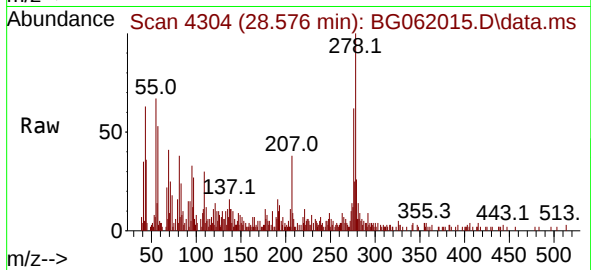
Tgt Ion:	276	Resp:	94708
Ion Ratio	Lower	Upper	
276	100		
138	11.5	11.9	17.9
277	23.1	19.3	28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 1.529 ng/ul m
 RT: 28.576 min Scan# 4
 Delta R.T. -0.017 min
 Lab File: BG062015.D
 Acq: 11 Jul 2024 18:25

Instrument :
 BNA_G
 ClientSampleId :
 A4CZ2



Tgt Ion:278 Resp: 4576
 Ion Ratio Lower Upper
 278 100
 139 11.2 7.6 11.4
 279 26.2 18.8 28.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

