

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
 Data File : BG062111.D
 Acq On : 17 Jul 2024 13:40
 Operator : MA/JU
 Sample : P3177-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BX3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 18 01:51:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	37747	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.856	136	188518	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.675	164	130980	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	283645	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.690	240	257118	20.000	ng/ul	# 0.00
88) Perylene-d12	24.910	264	319578	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	1555m	1.548	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.219	99	56283	13.625	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	35244	13.473	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	39860	14.067	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	43080	13.245	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	23390	16.314	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.933	143	27597	16.855	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	53405	16.911	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	28605	6.239	ng/ul	-0.01
46) Dimethylphthalate-d6	14.076	166	183002	16.994	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	189572	16.836	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	20263	11.783	ng/ul	0.00
60) Fluorene-d10	15.668	176	161151	17.777	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	24514	16.456	ng/ul	0.00
73) Anthracene-d10	17.525	188	222155	16.775	ng/ul	0.00
81) Pyrene-d10	19.804	212	170264	11.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.693	264	123069	7.765	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.903	128	13713	1.324	ng/ul#	90
52) Acenaphthene	14.740	153	25107	2.942	ng/ul	97
56) Dibenzofuran	15.074	168	22443	1.861	ng/ul	100
61) Fluorene	15.721	166	25489	2.485	ng/ul#	91
72) Phenanthrene	17.472	178	440195	29.433	ng/ul	100
74) Anthracene	17.560	178	60630	3.923	ng/ul	95
77) Carbazole	17.830	167	32521	2.500	ng/ul	93
80) Fluoranthene	19.475	202	578490	32.322	ng/ul#	90
82) Pyrene	19.834	202	267947	14.493	ng/ul#	90
85) Benzo(a)anthracene	21.667	228	210746	11.321	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.555	149	43010	3.863	ng/ul#	92
87) Chrysene	21.731	228	223211m	12.808	ng/ul	
90) Benzo(b)fluoranthene	23.888	252	309105	15.352	ng/ul#	96
91) Benzo(k)fluoranthene	23.946	252	87252	4.346	ng/ul	96
93) Benzo(a)pyrene	24.757	252	70811	3.714	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.600	276	81099m	3.329	ng/ul	
95) Dibenzo(a,h)anthracene	28.635	278	38041m	1.890	ng/ul	

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

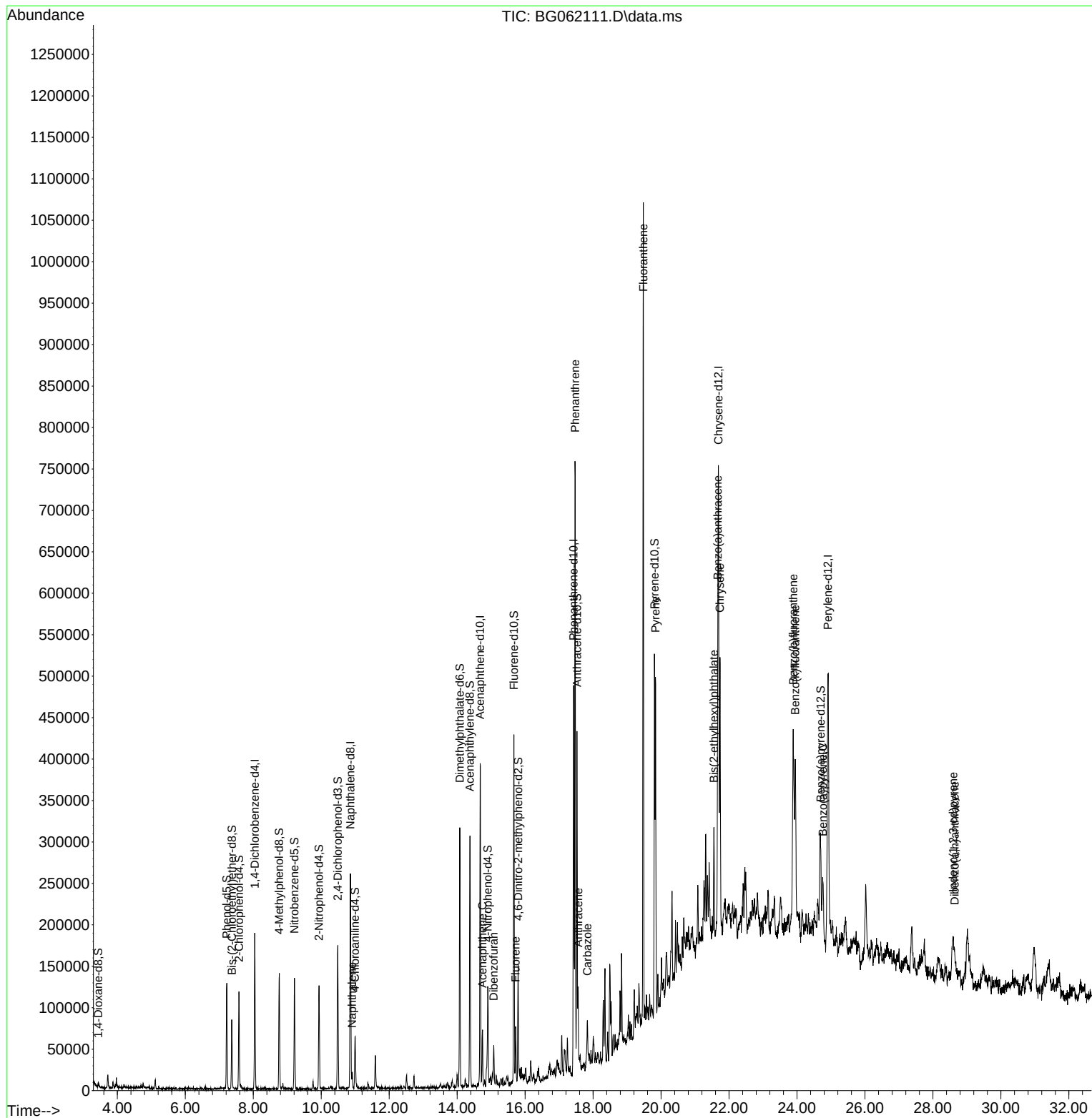
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062111.D
Acq On : 17 Jul 2024 13:40
Operator : MA/JU
Sample : P3177-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

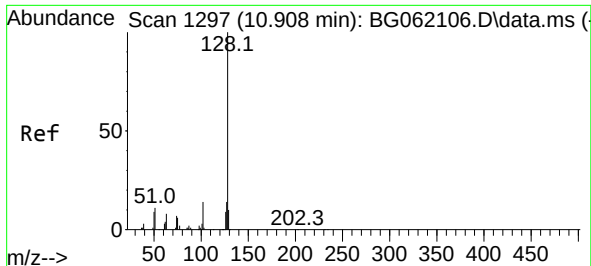
Instrument :
BNA_G
ClientSampleId :
A4BX3

Quant Time: Jul 18 01:51:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

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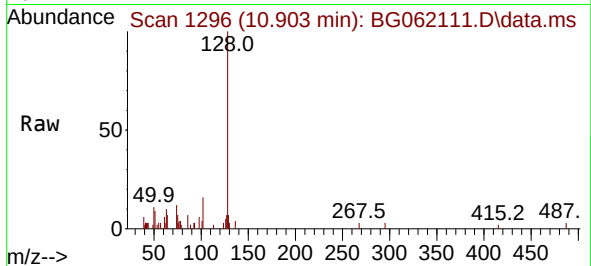
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024





#30
Naphthalene
Concen: 1.324 ng/ul
RT: 10.903 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BG062111.D
Acq: 17 Jul 2024 13:40

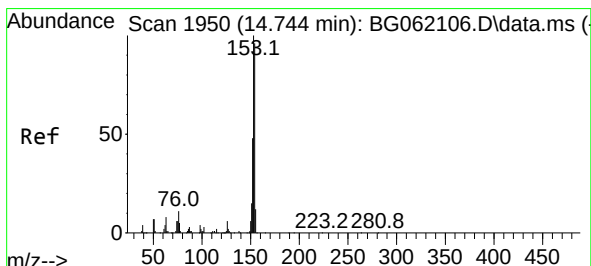
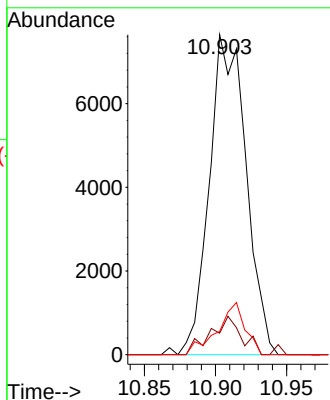
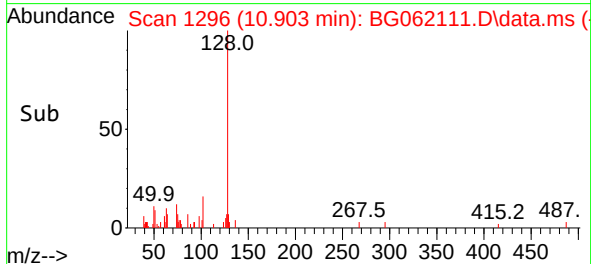
Instrument :
BNA_G
ClientSampleId :
A4BX3



Tgt Ion:128 Resp: 1371
Ion Ratio Lower Upper
128 100
129 6.7 7.7 11.5
127 7.2 9.6 14.4

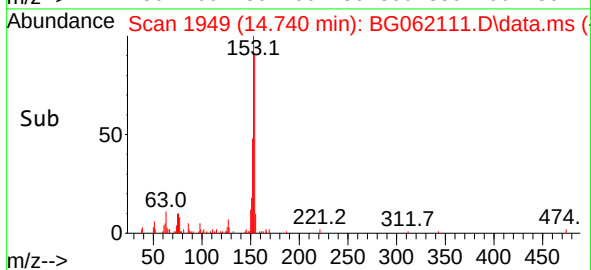
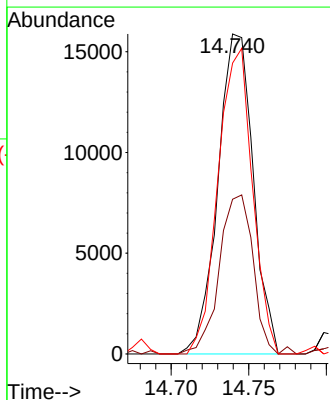
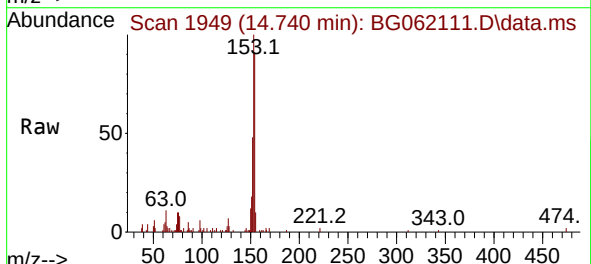
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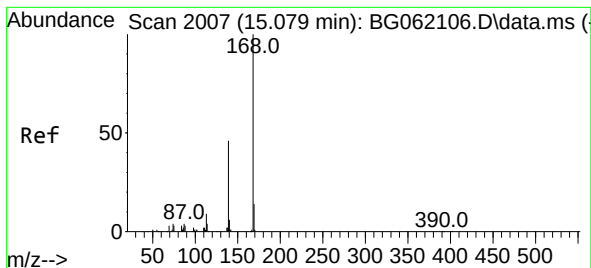
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#52
Acenaphthene
Concen: 2.942 ng/ul
RT: 14.740 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BG062111.D
Acq: 17 Jul 2024 13:40

Tgt Ion:153 Resp: 25107
Ion Ratio Lower Upper
153 100
152 48.3 37.2 55.8
154 90.9 75.0 112.6





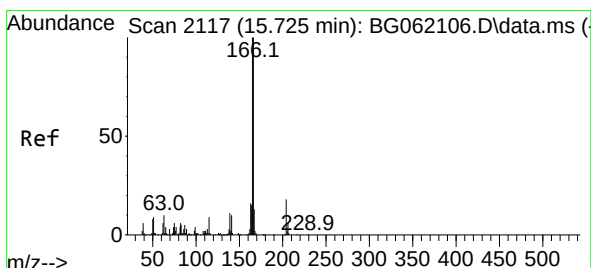
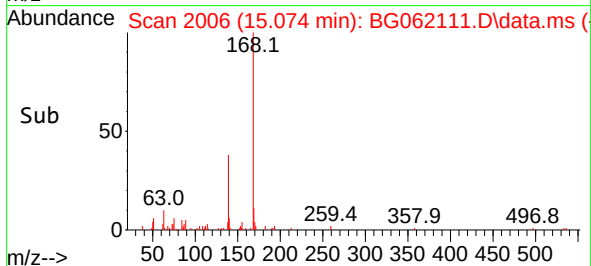
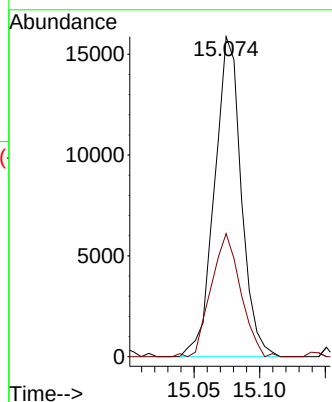
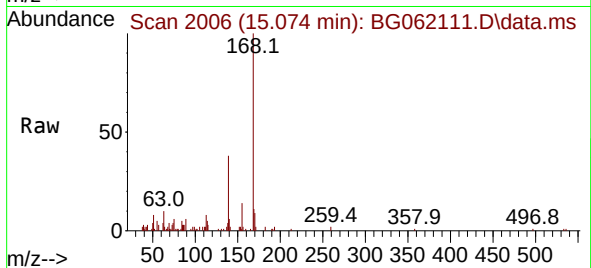
#56
Dibenzofuran
Concen: 1.861 ng/ul
RT: 15.074 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BG062111.D
Acq: 17 Jul 2024 13:40

Instrument :
BNA_G
ClientSampleId :
A4BX3

Tgt Ion:168 Resp: 2244
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.4

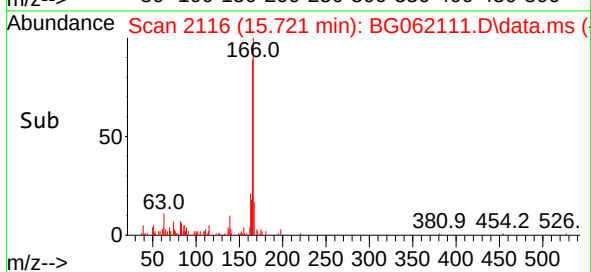
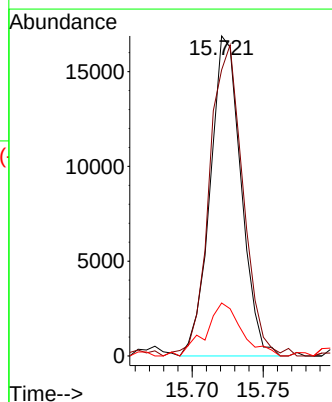
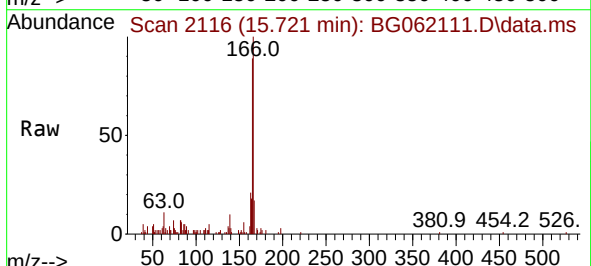
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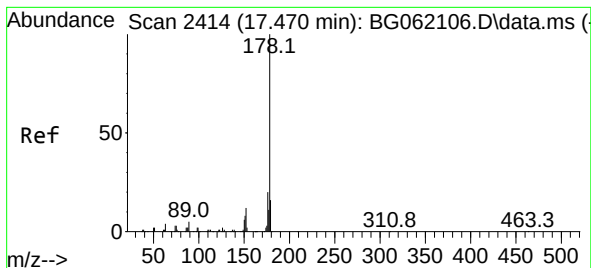
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#61
Fluorene
Concen: 2.485 ng/ul
RT: 15.721 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BG062111.D
Acq: 17 Jul 2024 13:40

Tgt Ion:166 Resp: 25489
Ion Ratio Lower Upper
166 100
165 89.4 78.4 117.6
167 16.6 10.4 15.6#





#72

Phenanthrene

Concen: 29.433 ng/ul

RT: 17.472 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BG062111.D

Acq: 17 Jul 2024 13:40

Instrument :

BNA_G

ClientSampleId :

A4BX3

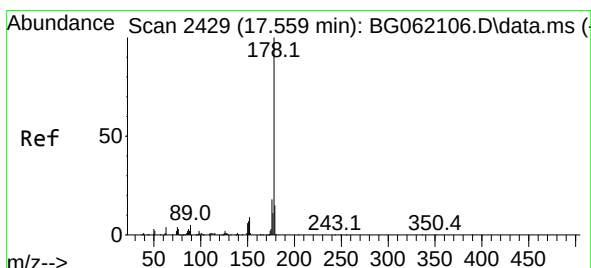
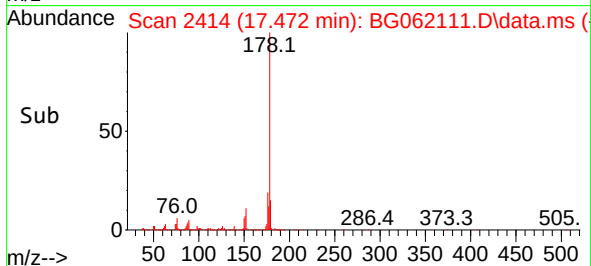
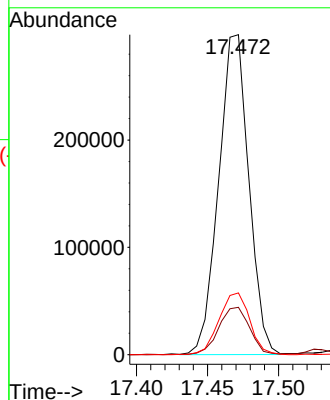
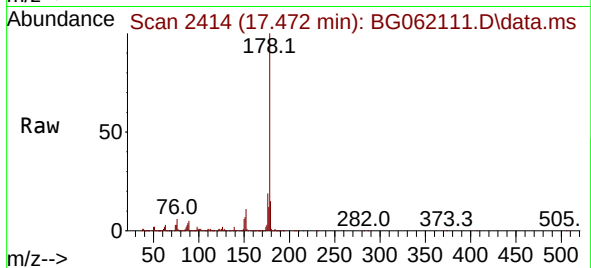
Tgt Ion:178 Resp: 440195
 Ion Ratio Lower Upper
 178 100
 179 14.8 11.9 17.9
 176 19.3 15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#74

Anthracene

Concen: 3.923 ng/ul

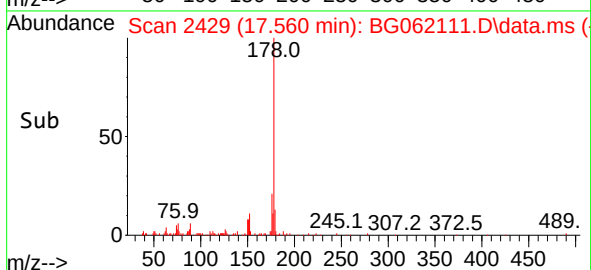
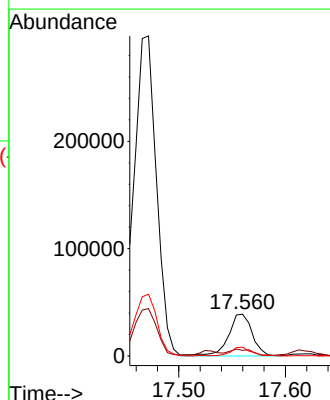
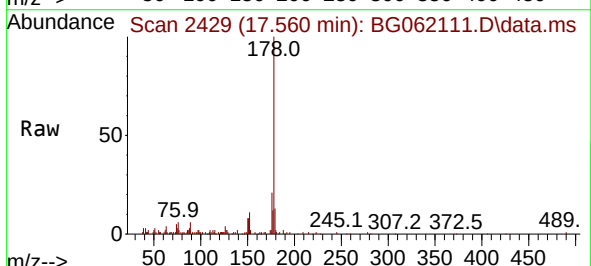
RT: 17.560 min Scan# 2429

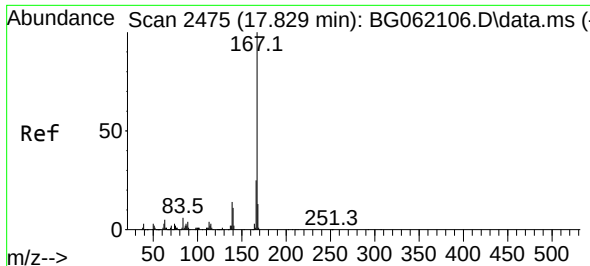
Delta R.T. -0.000 min

Lab File: BG062111.D

Acq: 17 Jul 2024 13:40

Tgt Ion:178 Resp: 60630
 Ion Ratio Lower Upper
 178 100
 179 13.3 11.9 17.9
 176 21.1 14.7 22.1





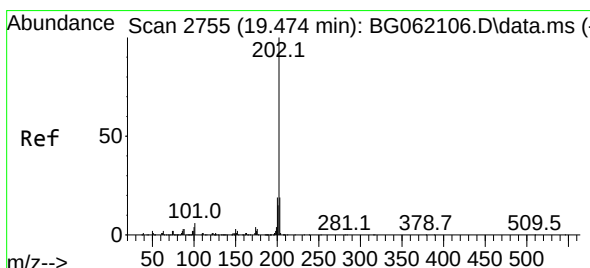
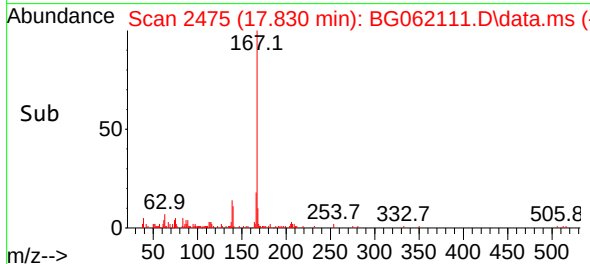
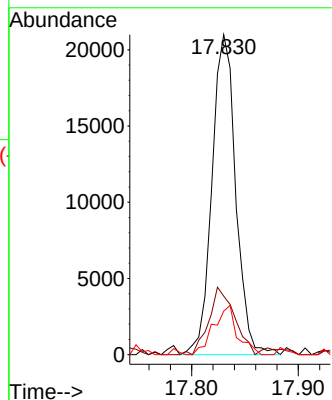
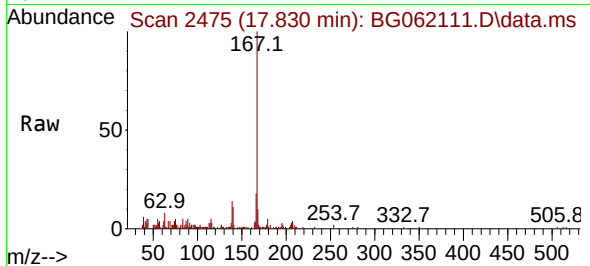
#77
 Carbazole
 Concen: 2.500 ng/ul
 RT: 17.830 min Scan# 2475
 Delta R.T. -0.006 min
 Lab File: BG062111.D
 Acq: 17 Jul 2024 13:40

Instrument :
 BNA_G
 ClientSampleId :
 A4BX3

Tgt Ion:167 Resp: 3252
 Ion Ratio Lower Upper
 167 100
 166 18.3 18.2 27.2
 139 13.6 9.6 14.4

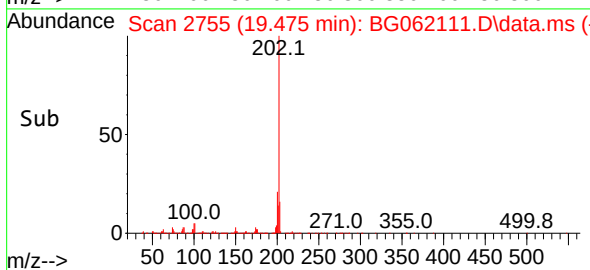
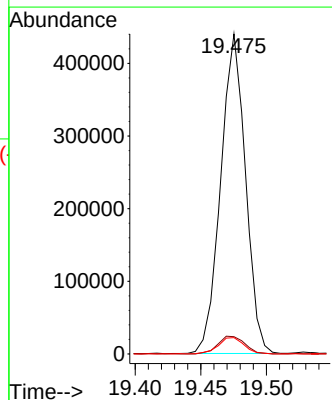
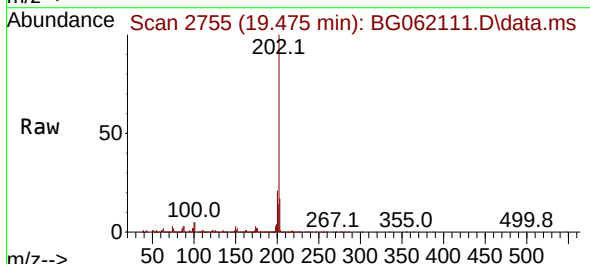
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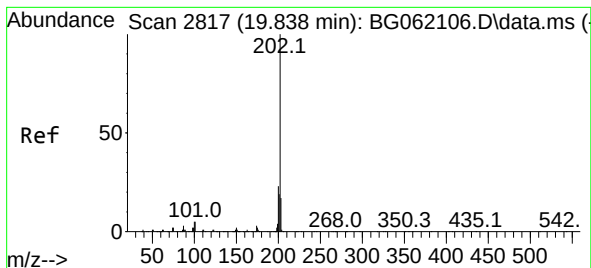
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024



#80
 Fluoranthene
 Concen: 32.322 ng/ul
 RT: 19.475 min Scan# 2755
 Delta R.T. -0.000 min
 Lab File: BG062111.D
 Acq: 17 Jul 2024 13:40

Tgt Ion:202 Resp: 578490
 Ion Ratio Lower Upper
 202 100
 101 5.4 7.4 11.2#
 100 5.1 6.6 10.0#





#82

Pyrene

Concen: 14.493 ng/ul

RT: 19.834 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG062111.D

Acq: 17 Jul 2024 13:40

Instrument :

BNA_G

ClientSampleId :

A4BX3

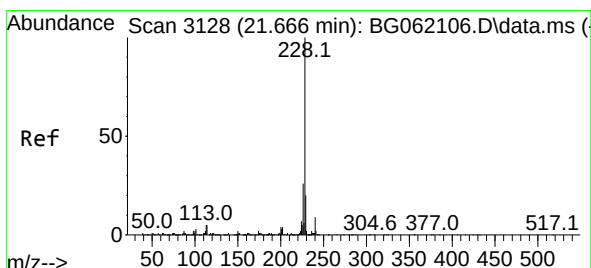
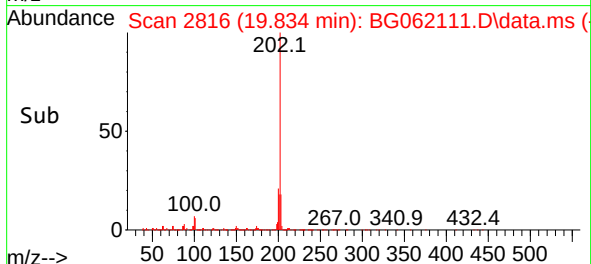
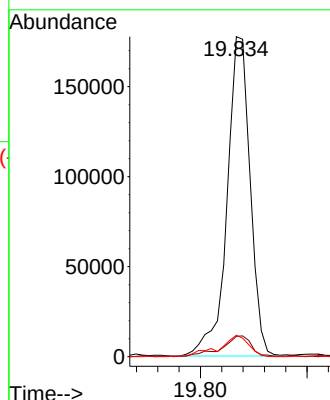
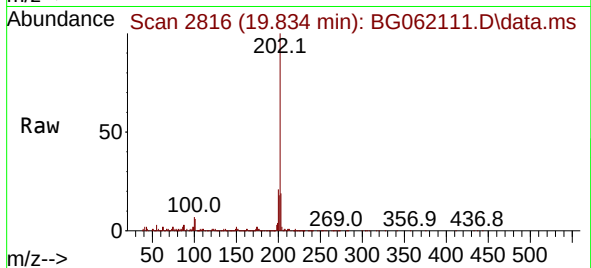
Tgt Ion:	202	Resp:	26794
Ion Ratio	Lower	Upper	
202	100		
101	6.3	8.8	13.2
100	6.7	7.6	11.4

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#85

Benzo(a)anthracene

Concen: 11.321 ng/ul

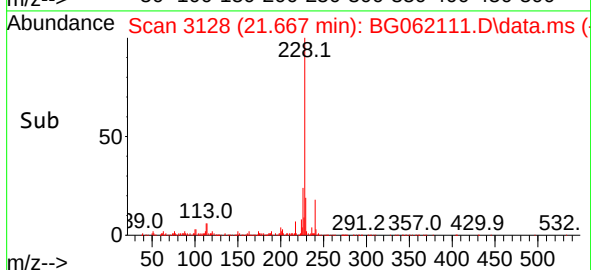
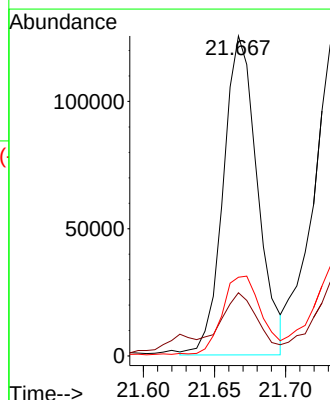
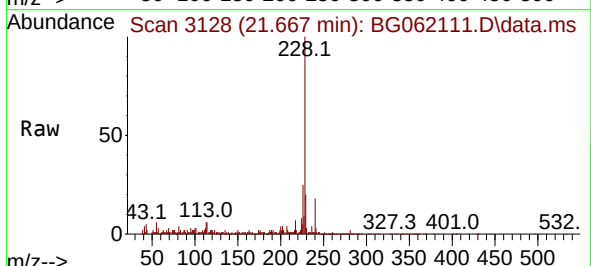
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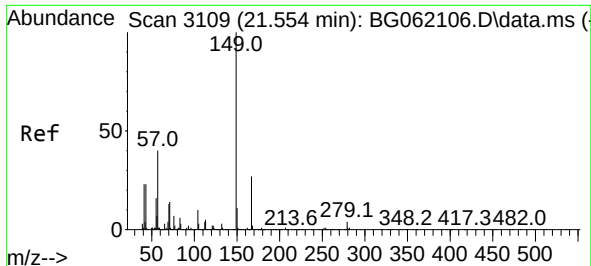
Delta R.T. -0.006 min

Lab File: BG062111.D

Acq: 17 Jul 2024 13:40

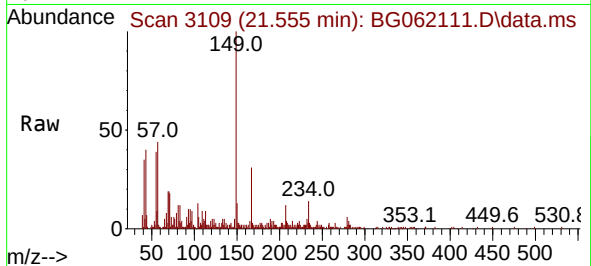
Tgt Ion:	228	Resp:	210746
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.7	23.5
226	24.6	21.7	32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.863 ng/ul
RT: 21.555 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BG062111.D
Acq: 17 Jul 2024 13:40

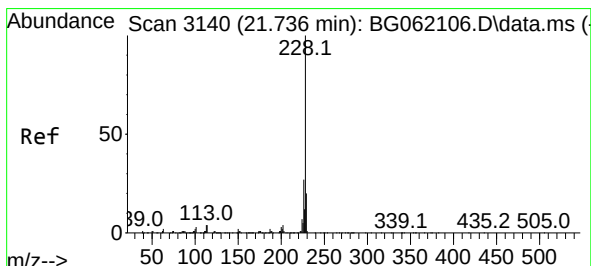
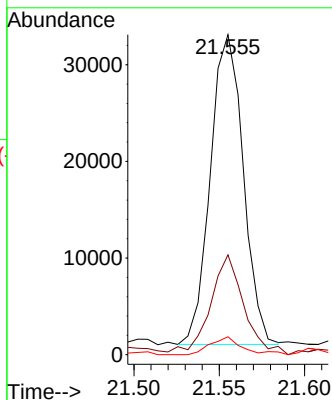
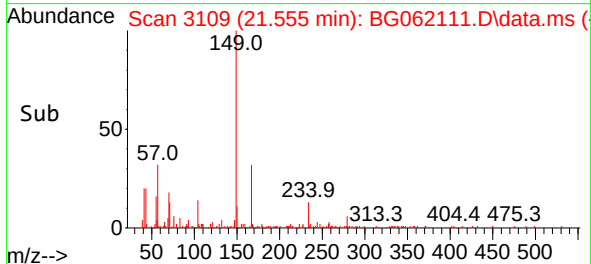
Instrument :
BNA_G
ClientSampleId :
A4BX3



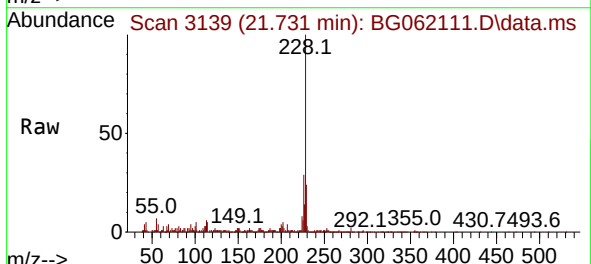
Tgt Ion:149 Resp: 43010
Ion Ratio Lower Upper
149 100
167 31.2 21.7 32.5
279 5.6 2.8 4.2

Manual Integrations
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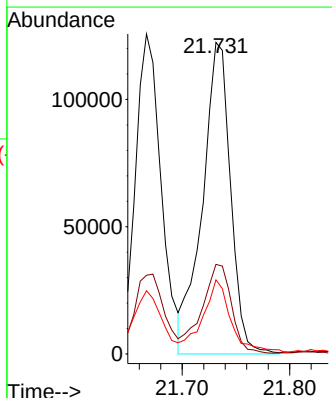
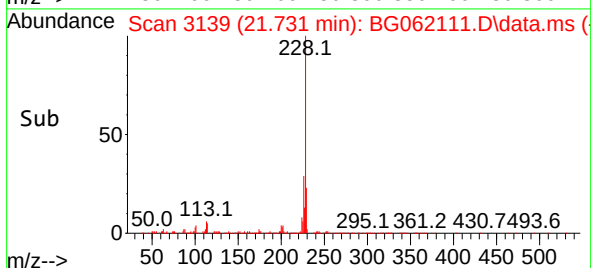
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

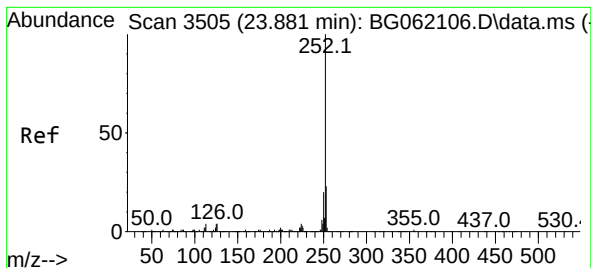


#87
Chrysene
Concen: 12.808 ng/ul m
RT: 21.731 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BG062111.D
Acq: 17 Jul 2024 13:40



Tgt Ion:228 Resp: 223211
Ion Ratio Lower Upper
228 100
226 28.8 23.3 34.9
229 23.8 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 15.352 ng/ul

RT: 23.888 min Scan# 3505

Delta R.T. -0.000 min

Lab File: BG062111.D

Acq: 17 Jul 2024 13:40

Instrument :

BNA_G

ClientSampleId :

A4BX3

Tgt Ion:252 Resp: 30910

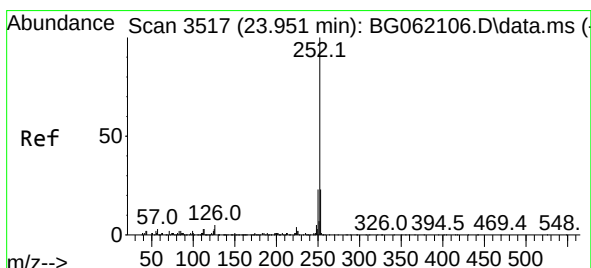
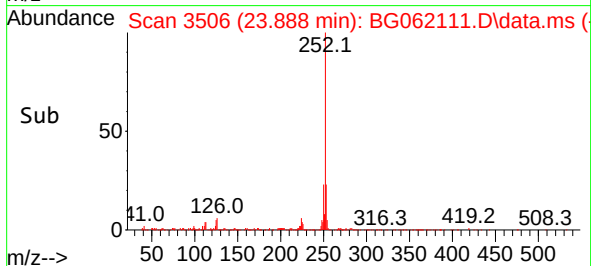
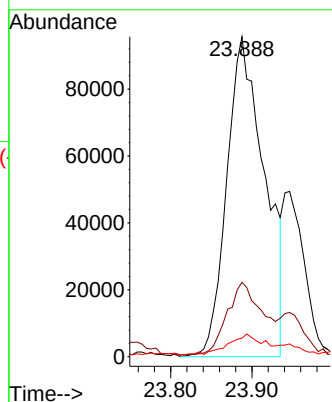
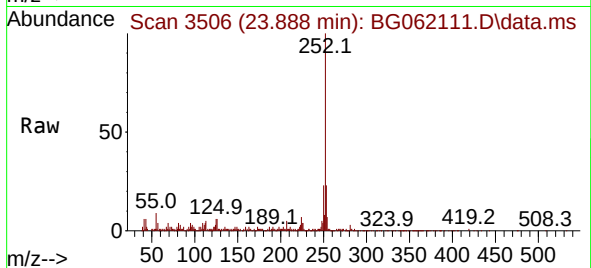
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	5.8	6.1	9.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#91

Benzo(k)fluoranthene

Concen: 4.346 ng/ul

RT: 23.946 min Scan# 3516

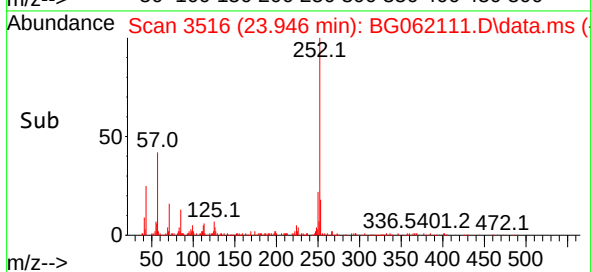
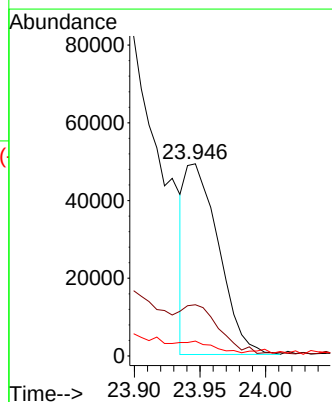
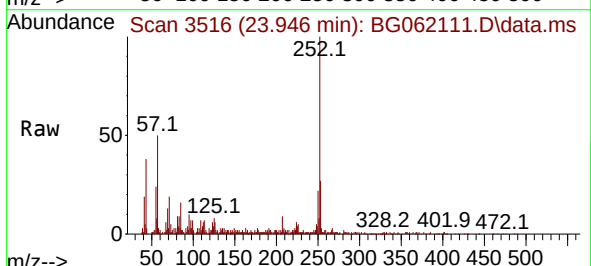
Delta R.T. -0.006 min

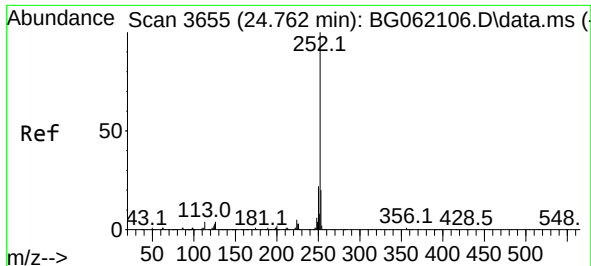
Lab File: BG062111.D

Acq: 17 Jul 2024 13:40

Tgt Ion:252 Resp: 87252

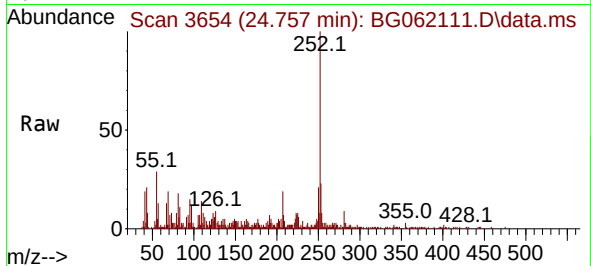
Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.3	28.9
125	7.7	6.3	9.5





#93
Benzo(a)pyrene
Concen: 3.714 ng/ul
RT: 24.757 min Scan# 30
Delta R.T. -0.000 min
Lab File: BG062111.D
Acq: 17 Jul 2024 13:40

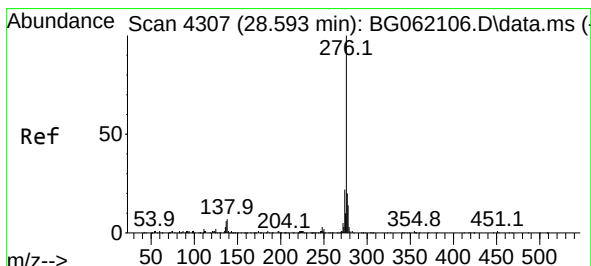
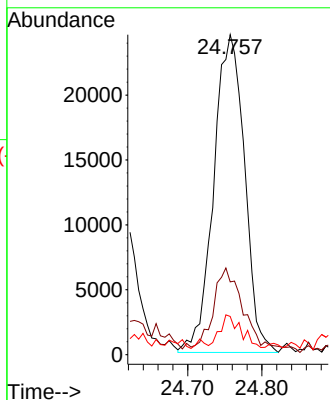
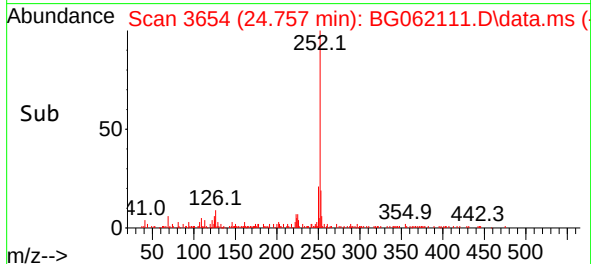
Instrument :
BNA_G
ClientSampleId :
A4BX3



Tgt Ion:252 Resp: 7081
Ion Ratio Lower Upper
252 100
253 22.8 16.5 24.7
125 12.0 7.4 11.2

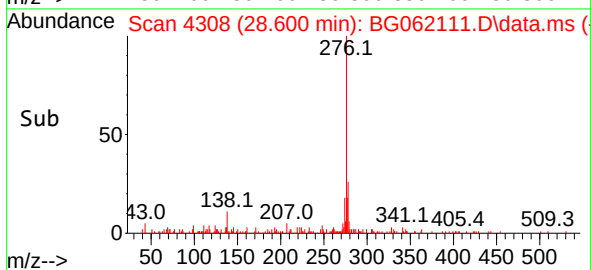
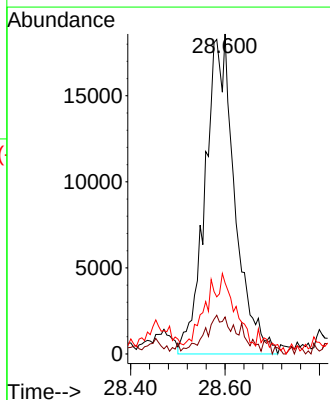
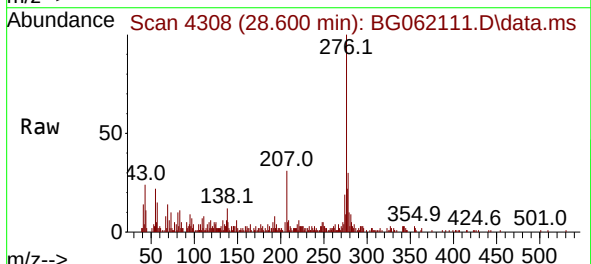
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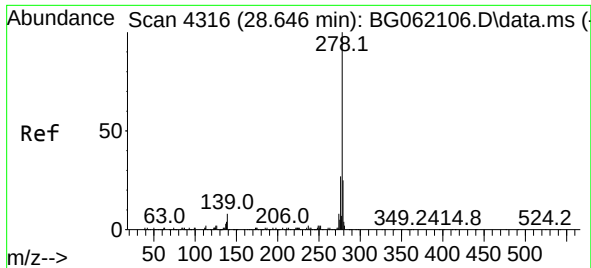
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.329 ng/ul m
RT: 28.600 min Scan# 4308
Delta R.T. 0.012 min
Lab File: BG062111.D
Acq: 17 Jul 2024 13:40

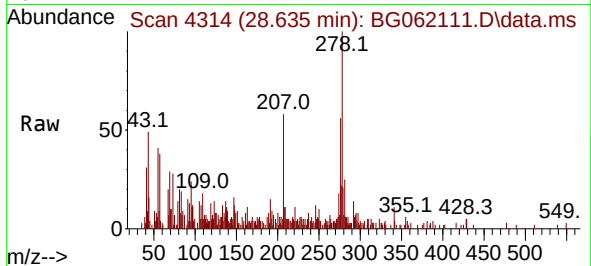
Tgt Ion:276 Resp: 81099
Ion Ratio Lower Upper
276 100
138 11.5 11.9 17.9#
277 22.2 19.3 28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 1.890 ng/ul m
 RT: 28.635 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG062111.D
 Acq: 17 Jul 2024 13:40

Instrument :
 BNA_G
 ClientSampleId :
 A4BX3



Tgt Ion:278 Resp: 3804
 Ion Ratio Lower Upper
 278 100
 139 9.2 7.6 11.4
 279 20.5 18.8 28.2

Manual Integrations
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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

