

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062184.D
 Acq On : 23 Jul 2024 13:51
 Operator : MA/JU
 Sample : P3263-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BA2

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 14:46:47 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	33730	20.000	ng/u1	0.00
20) Naphthalene-d8	10.880	136	146176	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.693	164	122972	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.436	188	314375	20.000	ng/u1	0.00
79) Chrysene-d12	21.701	240	297485	20.000	ng/u1	0.00
88) Perylene-d12	24.938	264	329240	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	3871	5.358	ng/uL	0.00
4) Pyridine-d5	3.884	84	8370	3.189	ng/u1	0.00
7) Phenol-d5	7.238	99	79034	23.801	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	44254	23.195	ng/u1	0.00
11) 2-Chlorophenol-d4	7.597	132	50732	24.242	ng/u1	0.00
15) 4-Methylphenol-d8	8.783	113	60012	23.730	ng/u1	0.00
21) Nitrobenzene-d5	9.235	128	28193	24.208	ng/u1	0.00
24) 2-Nitrophenol-d4	9.958	143	33450	23.863	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	77713	26.484	ng/u1	0.00
31) 4-Chloroaniline-d4	11.021	131	33310	9.437	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	246055	23.606	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	280243	26.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	29572	23.543	ng/u1	0.00
60) Fluorene-d10	15.686	176	237759	26.791	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	43619	21.833	ng/u1	0.00
73) Anthracene-d10	17.536	188	392371	26.718	ng/u1	0.00
81) Pyrene-d10	19.821	212	424367	25.159	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.720	264	313852	19.069	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.895	105	4936	1.118	ng/u1#	68
52) Acenaphthene	14.757	153	11201	1.465	ng/u1	96
61) Fluorene	15.738	166	14502	1.468	ng/u1	98
72) Phenanthrene	17.483	178	347739	22.986	ng/u1	96
74) Anthracene	17.571	178	64358	4.132	ng/u1	93
77) Carbazole	17.841	167	34567	2.610	ng/u1	97
80) Fluoranthene	19.486	202	821819	42.473	ng/u1	98
82) Pyrene	19.851	202	584455	29.050	ng/u1#	98
83) Butylbenzylphthalate	20.714	149	7016	1.175	ng/u1	87
85) Benzo(a)anthracene	21.683	228	374660	17.943	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.566	149	56948	6.654	ng/u1	98
87) Chrysene	21.748	228	388694	20.248	ng/u1	96
90) Benzo(b)fluoranthene	23.910	252	484292	23.808	ng/u1	97
91) Benzo(k)fluoranthene	23.968	252	177503m	8.742	ng/u1	
93) Benzo(a)pyrene	24.785	252	191924	10.075	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.621	276	172974	7.903	ng/u1	95
95) Dibenzo(a,h)anthracene	28.674	278	61388m	3.383	ng/u1	
96) Benzo(g,h,i)perylene	29.778	276	28011m	1.599	ng/u1	

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

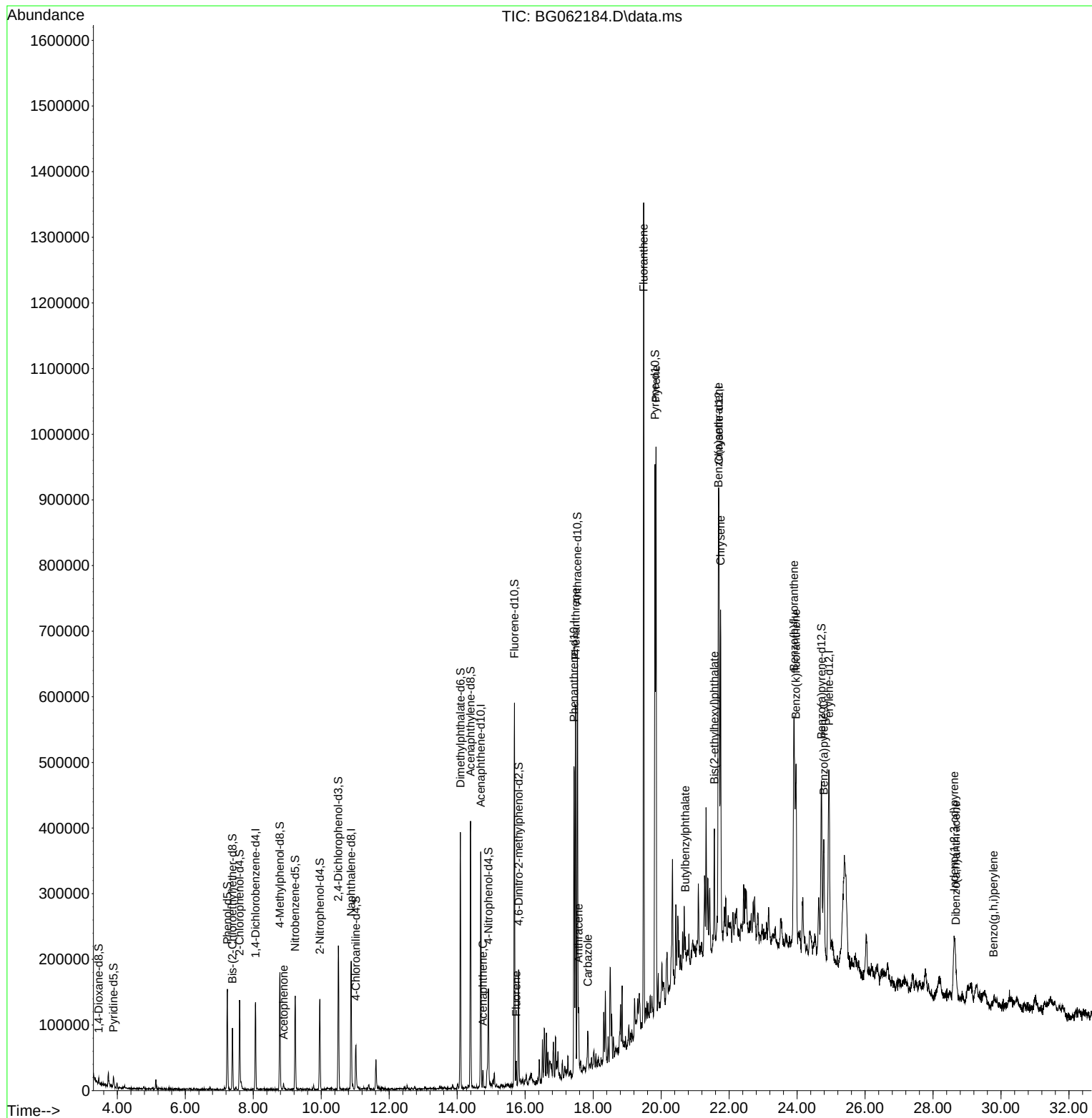
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062184.D
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 Operator : MA/JU
 Sample : P3263-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

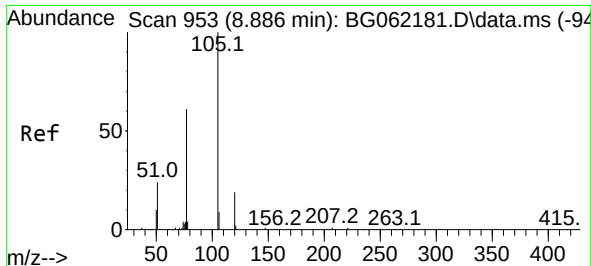
Instrument :
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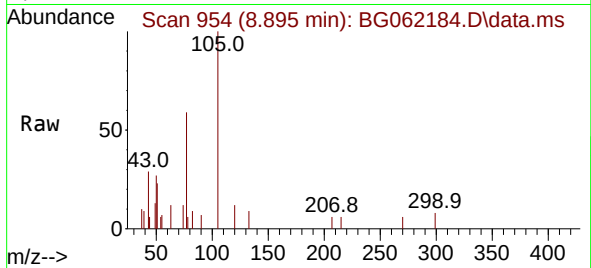
Quant Time: Jul 23 14:46:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
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#16
Acetophenone
Concen: 1.118 ng/ul
RT: 8.895 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG062184.D
Acq: 23 Jul 2024 13:51

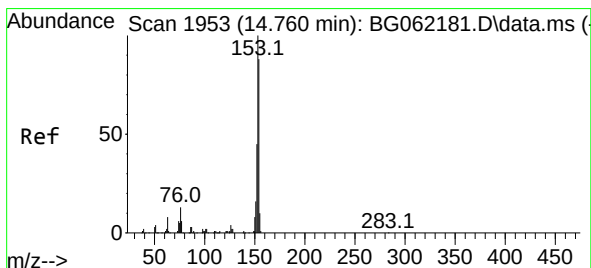
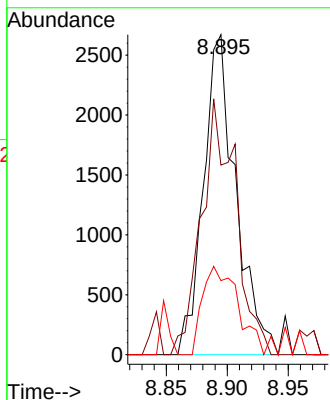
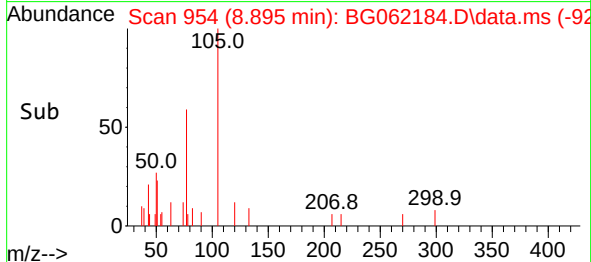
Instrument :
BNA_G
ClientSampleId :
A4BA2



Tgt Ion:105 Resp: 4930
Ion Ratio Lower Upper
105 100
77 59.2 75.7 113.5
51 23.1 27.0 40.4

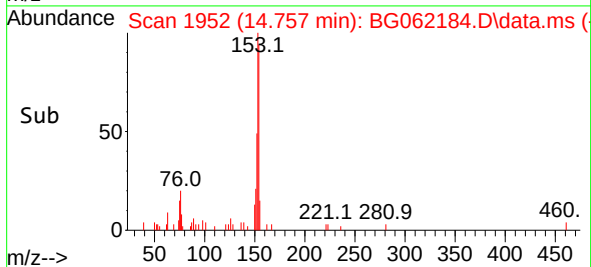
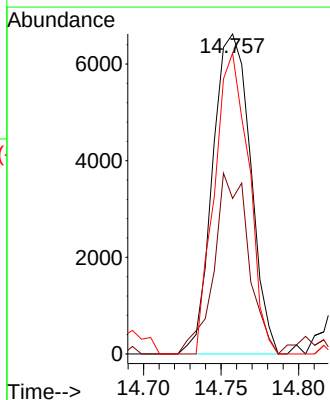
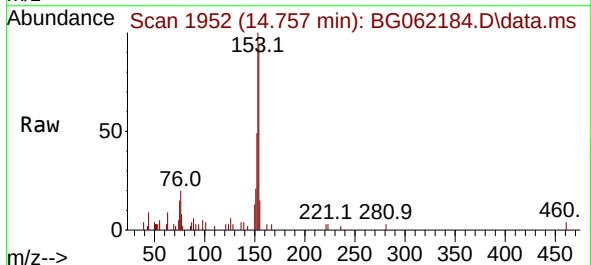
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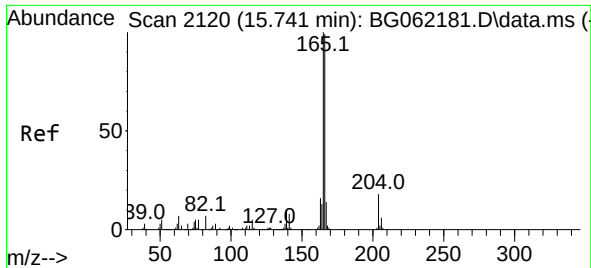
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#52
Acenaphthene
Concen: 1.465 ng/ul
RT: 14.757 min Scan# 1952
Delta R.T. -0.003 min
Lab File: BG062184.D
Acq: 23 Jul 2024 13:51

Tgt Ion:153 Resp: 11201
Ion Ratio Lower Upper
153 100
152 48.6 38.2 57.4
154 94.1 71.0 106.6





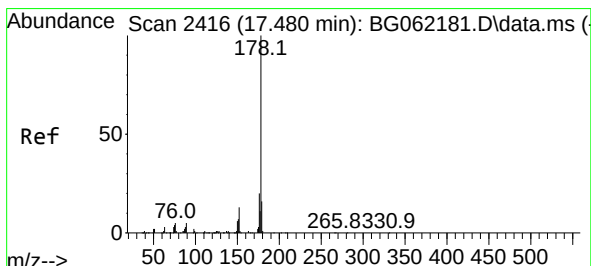
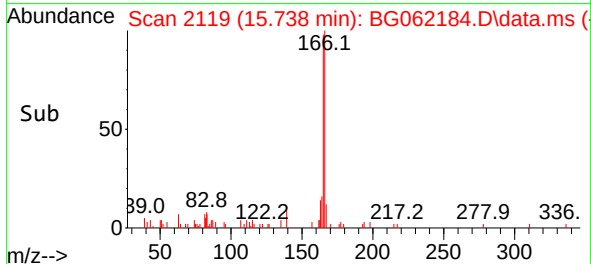
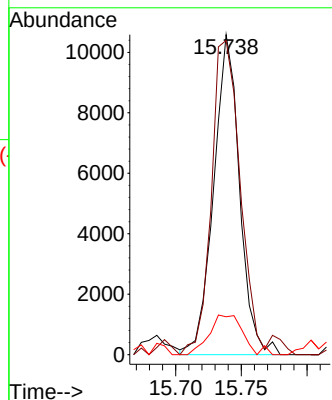
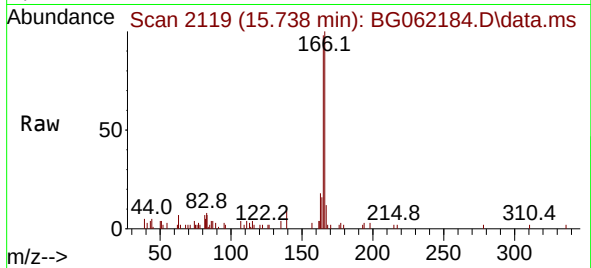
#61
Fluorene
Concen: 1.468 ng/ul
RT: 15.738 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG062184.D
Acq: 23 Jul 2024 13:51

Instrument :
BNA_G
ClientSampleId :
A4BA2

Tgt Ion:166 Resp: 1450
Ion Ratio Lower Upper
166 100
165 98.2 80.2 120.2
167 11.9 10.9 16.3

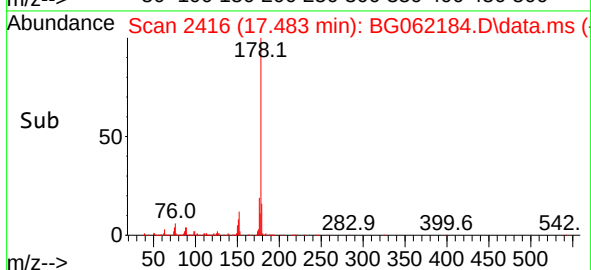
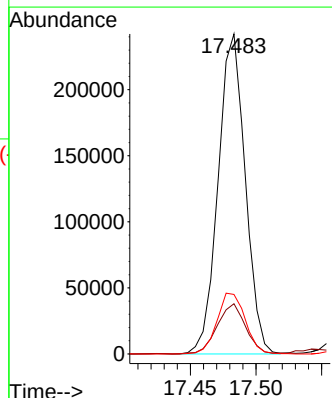
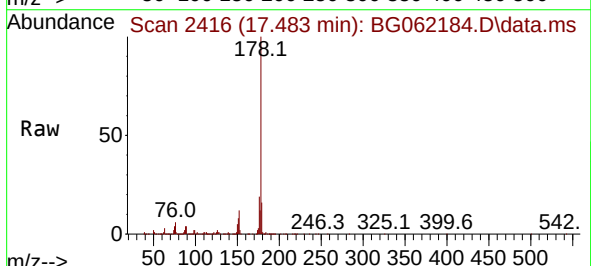
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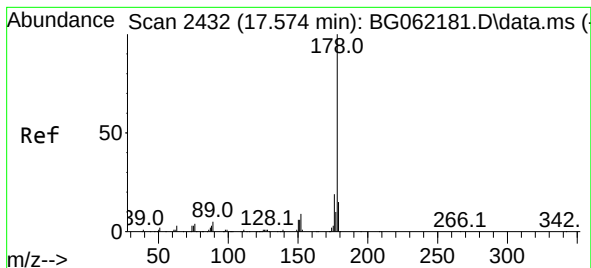
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#72
Phenanthrene
Concen: 22.986 ng/ul
RT: 17.483 min Scan# 2416
Delta R.T. 0.002 min
Lab File: BG062184.D
Acq: 23 Jul 2024 13:51

Tgt Ion:178 Resp: 347739
Ion Ratio Lower Upper
178 100
179 15.7 14.1 21.1
176 18.6 16.3 24.5





#74

Anthracene

Concen: 4.132 ng/ul

RT: 17.571 min Scan# 2432

Delta R.T. -0.003 min

Lab File: BG062184.D

Acq: 23 Jul 2024 13:51

Instrument :

BNA_G

ClientSampleId :

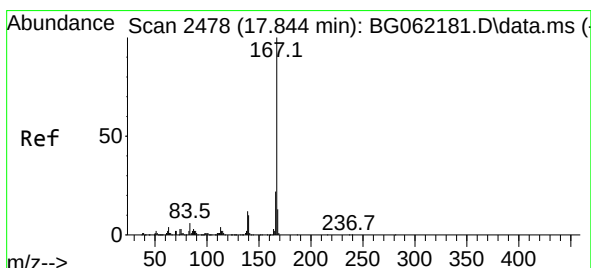
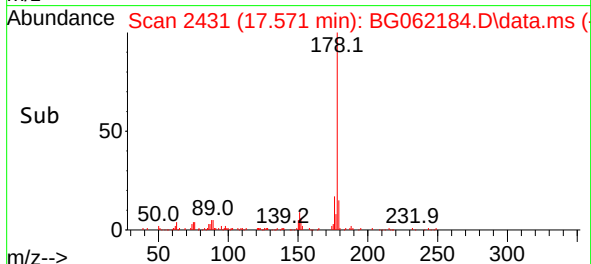
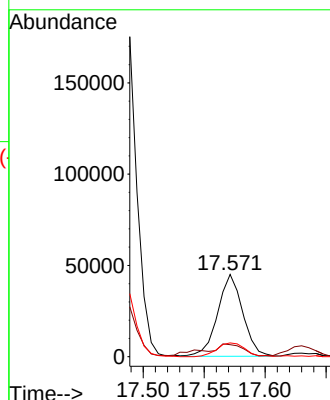
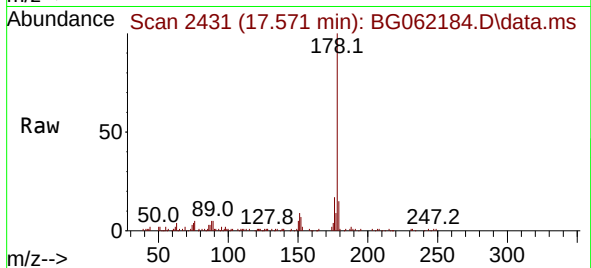
A4BA2

Tgt Ion:178 Resp: 64358
 Ion Ratio Lower Upper
 178 100
 179 14.5 13.9 20.9
 176 16.8 16.3 24.5

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



#77

Carbazole

Concen: 2.610 ng/ul

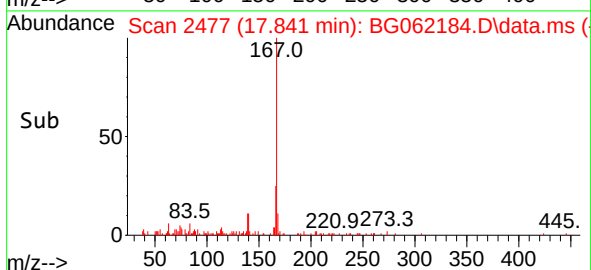
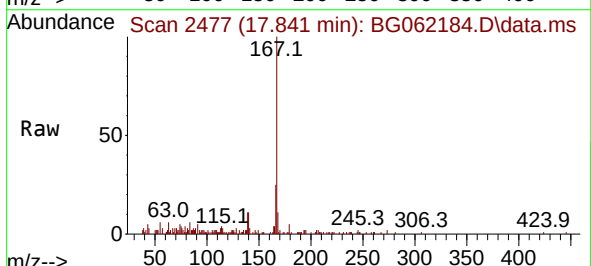
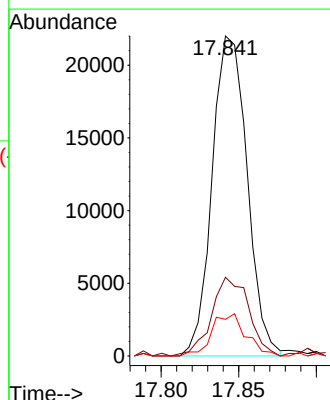
RT: 17.841 min Scan# 2477

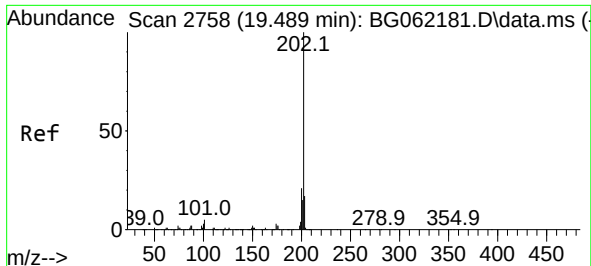
Delta R.T. -0.003 min

Lab File: BG062184.D

Acq: 23 Jul 2024 13:51

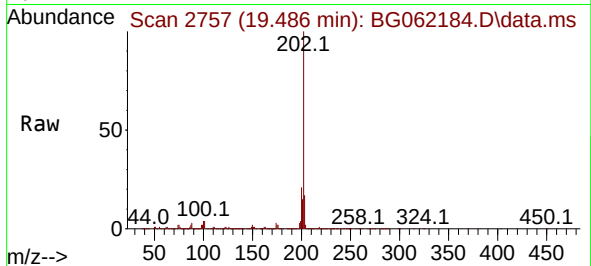
Tgt Ion:167 Resp: 34567
 Ion Ratio Lower Upper
 167 100
 166 24.6 18.5 27.7
 139 11.4 9.8 14.8





#80
Fluoranthene
Concen: 42.473 ng/u1
RT: 19.486 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG062184.D
Acq: 23 Jul 2024 13:51

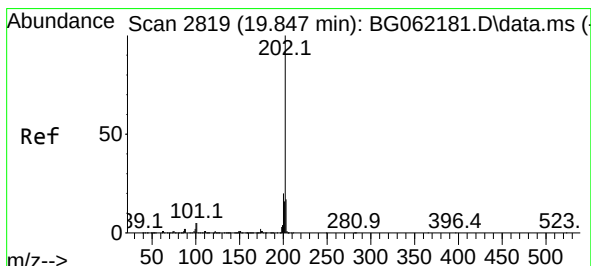
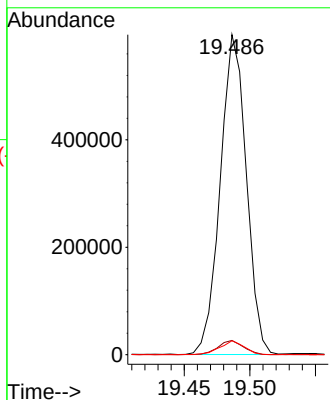
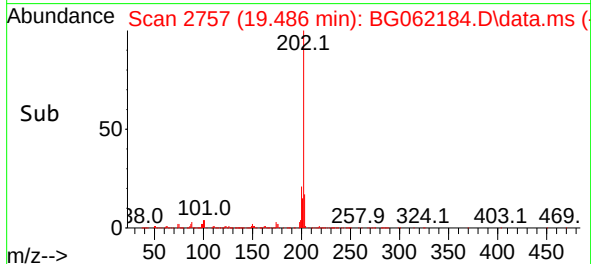
Instrument :
BNA_G
ClientSampleId :
A4BA2



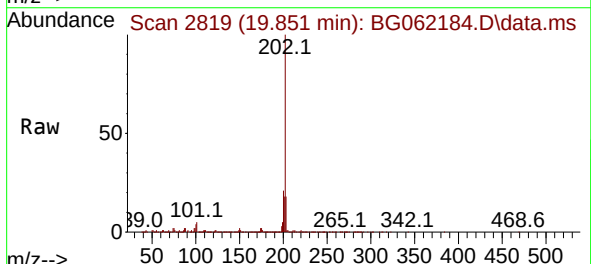
Tgt Ion:202 Resp: 821819
Ion Ratio Lower Upper
202 100
101 4.4 4.2 6.2
100 4.4 3.1 4.7

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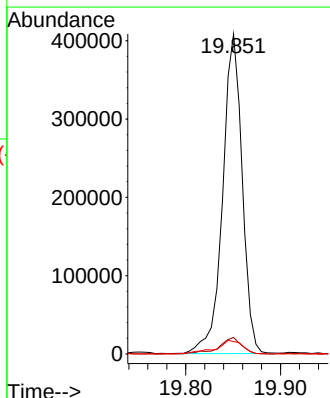
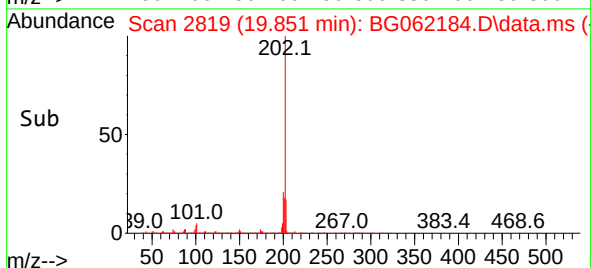
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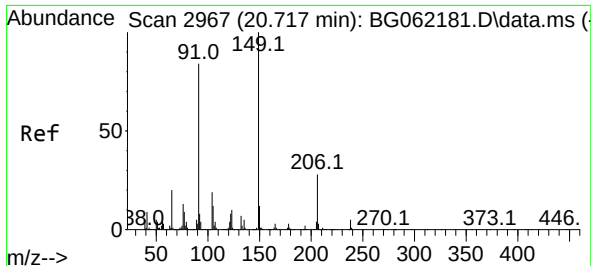


#82
Pyrene
Concen: 29.050 ng/u1
RT: 19.851 min Scan# 2819
Delta R.T. 0.002 min
Lab File: BG062184.D
Acq: 23 Jul 2024 13:51



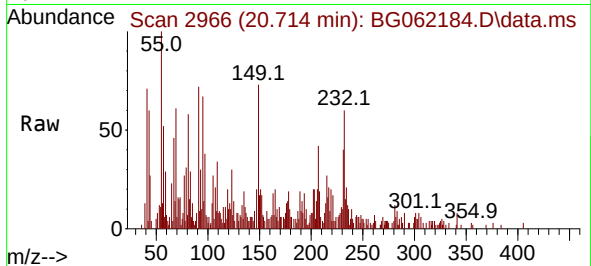
Tgt Ion:202 Resp: 584455
Ion Ratio Lower Upper
202 100
101 5.2 4.2 6.4
100 3.9 4.0 6.0#





#83
Butylbenzylphthalate
Concen: 1.175 ng/ul
RT: 20.714 min Scan# 2966
Delta R.T. -0.003 min
Lab File: BG062184.D
Acq: 23 Jul 2024 13:51

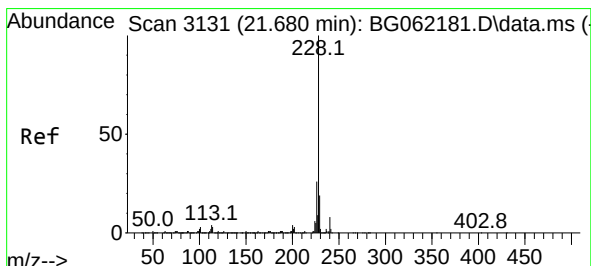
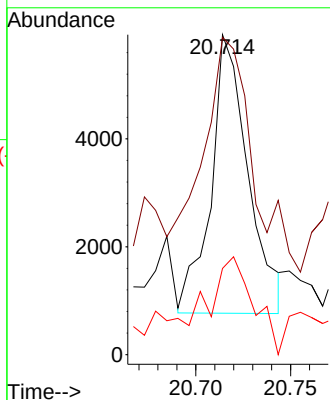
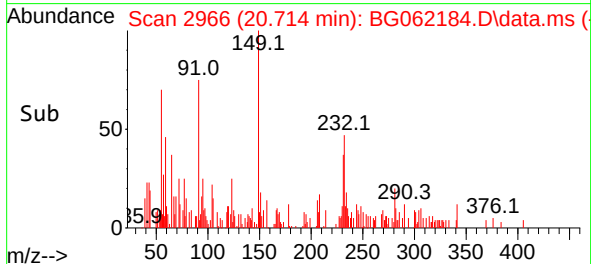
Instrument :
BNA_G
ClientSampleId :
A4BA2



Tgt Ion:149 Resp: 7010
Ion Ratio Lower Upper
149 100
91 99.2 67.5 101.3
206 26.9 23.6 35.4

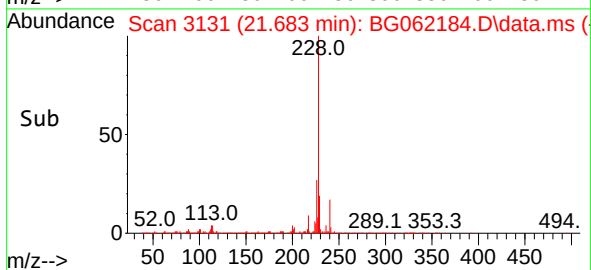
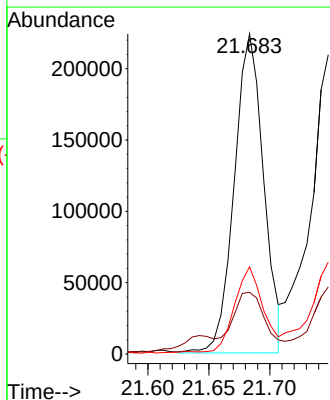
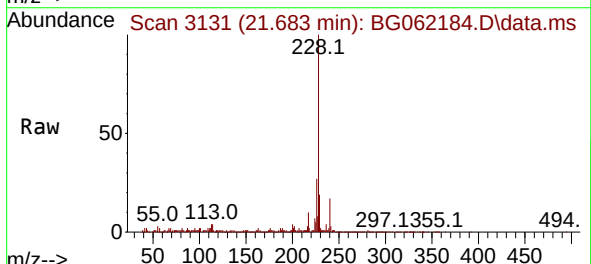
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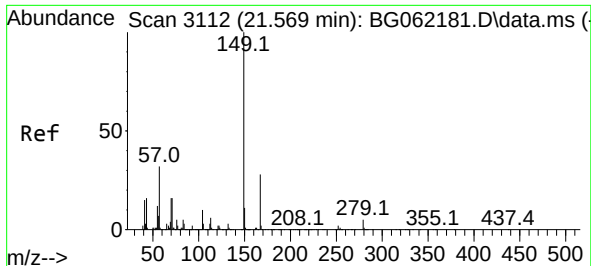
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#85
Benzo(a)anthracene
Concen: 17.943 ng/ul
RT: 21.683 min Scan# 3131
Delta R.T. 0.002 min
Lab File: BG062184.D
Acq: 23 Jul 2024 13:51

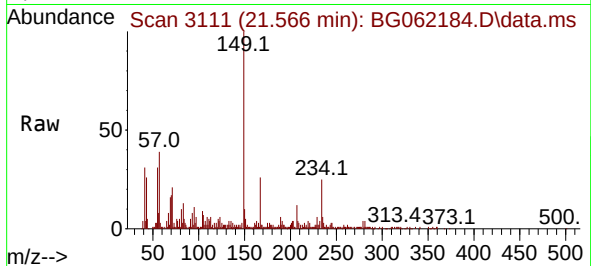
Tgt Ion:228 Resp: 374660
Ion Ratio Lower Upper
228 100
229 19.3 15.4 23.2
226 27.2 20.9 31.3





#86
Bis(2-ethylhexyl)phthalate
Concen: 6.654 ng/ul
RT: 21.566 min Scan# 3111
Delta R.T. -0.003 min
Lab File: BG062184.D
Acq: 23 Jul 2024 13:51

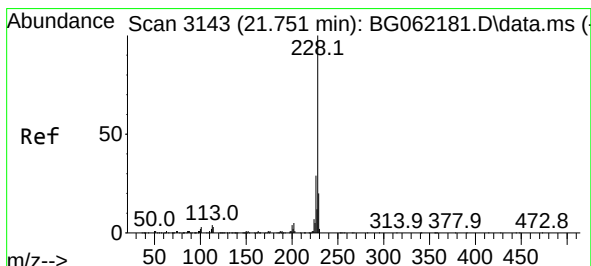
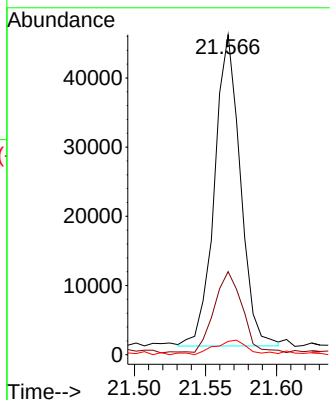
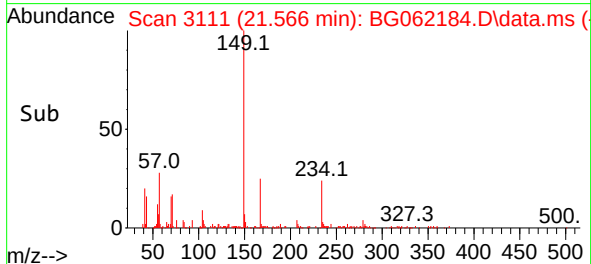
Instrument :
BNA_G
ClientSampleId :
A4BA2



Tgt Ion:149 Resp: 5694
Ion Ratio Lower Upper
149 100
167 26.0 20.2 30.2
279 4.2 3.8 5.8

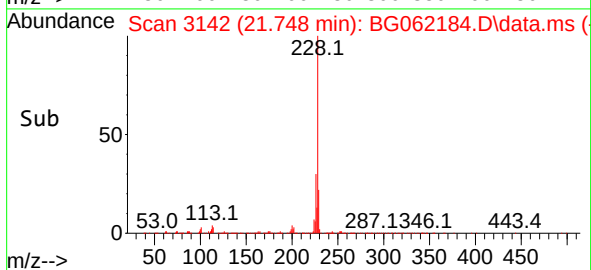
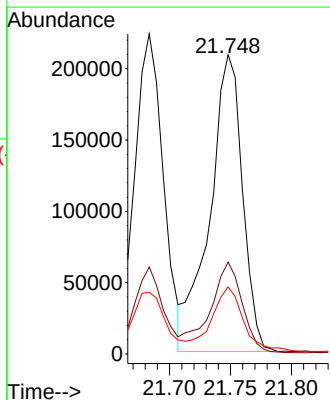
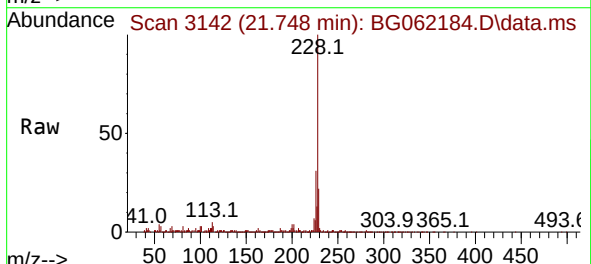
Manual Integrations
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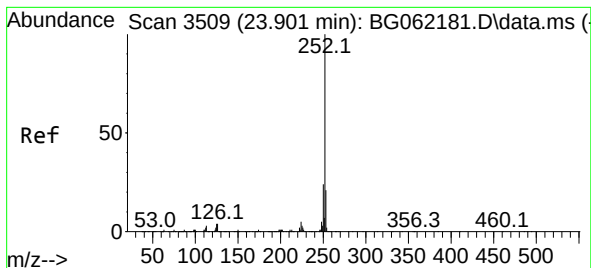
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#87
Chrysene
Concen: 20.248 ng/ul
RT: 21.748 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG062184.D
Acq: 23 Jul 2024 13:51

Tgt Ion:228 Resp: 388694
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 22.4 15.4 23.0





#90

Benzo(b)fluoranthene

Concen: 23.808 ng/ul

RT: 23.910 min Scan# 3510

Delta R.T. 0.002 min

Lab File: BG062184.D

Acq: 23 Jul 2024 13:51

Instrument :

BNL_G

ClientSampleId :

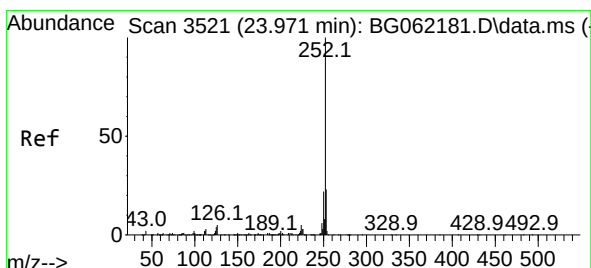
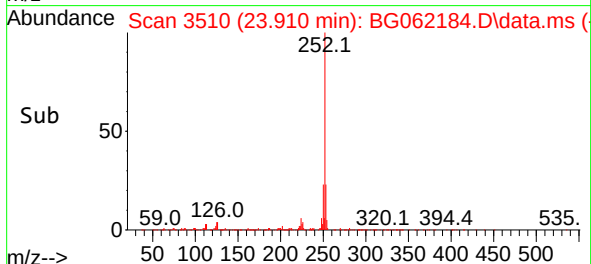
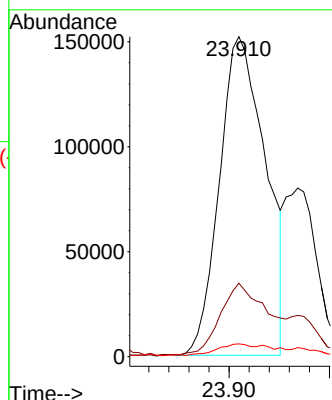
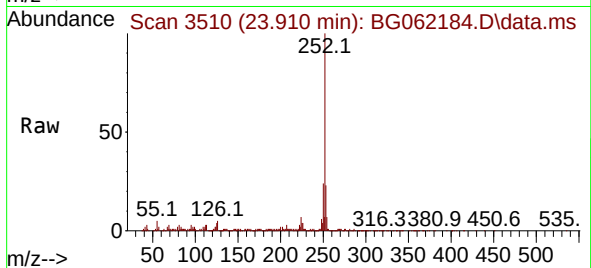
A4BA2

Tgt Ion:252 Resp: 484292
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.2 25.8
 125 4.0 3.4 5.0

Manual Integrations

APPROVED

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



#91

Benzo(k)fluoranthene

Concen: 8.742 ng/ul m

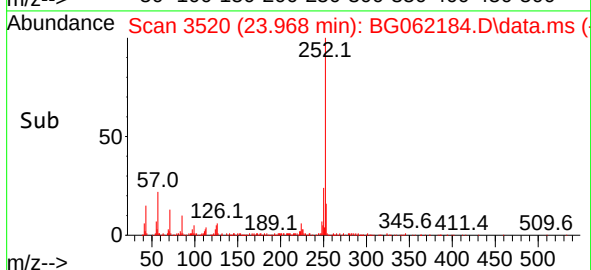
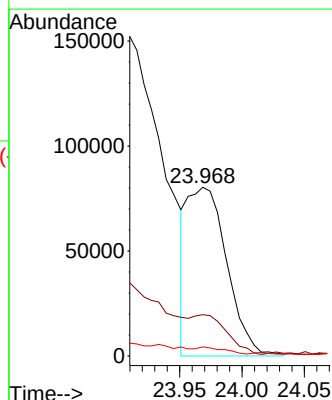
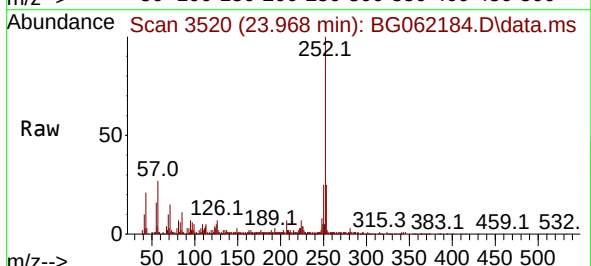
RT: 23.968 min Scan# 3520

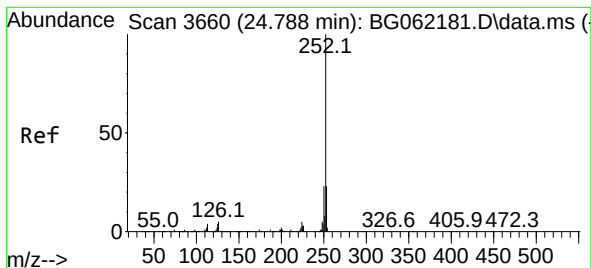
Delta R.T. -0.003 min

Lab File: BG062184.D

Acq: 23 Jul 2024 13:51

Tgt Ion:252 Resp: 177503
 Ion Ratio Lower Upper
 252 100
 253 24.5 18.2 27.2
 125 5.4 2.7 4.1#





#93

Benzo(a)pyrene

Concen: 10.075 ng/ul

RT: 24.785 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG062184.D

Acq: 23 Jul 2024 13:51

Instrument :

BNA_G

ClientSampleId :

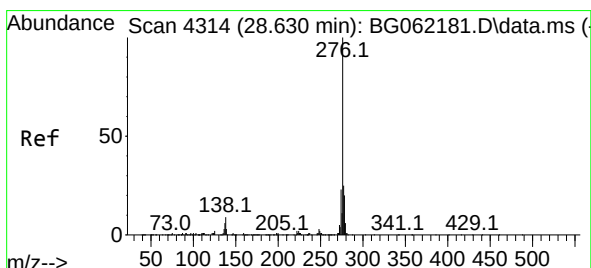
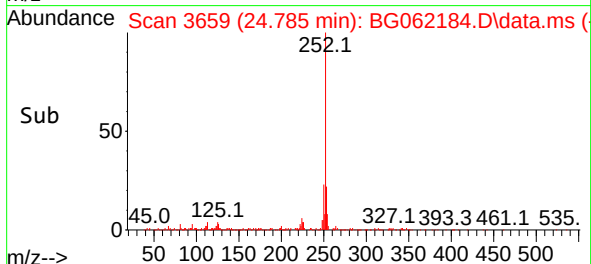
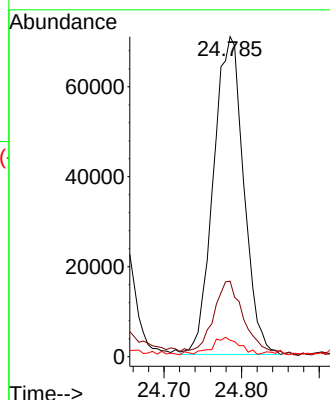
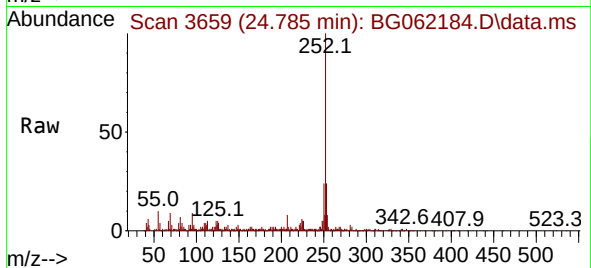
A4BA2

Tgt Ion:	252	Resp:	191924
Ion Ratio	Lower	Upper	
252	100		
253	23.6	16.6	24.8
125	5.2	3.0	4.4

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.903 ng/ul

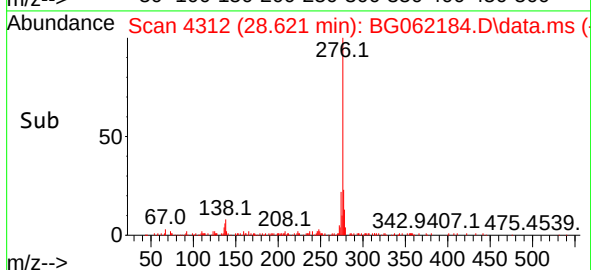
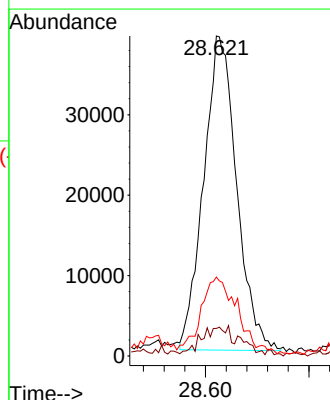
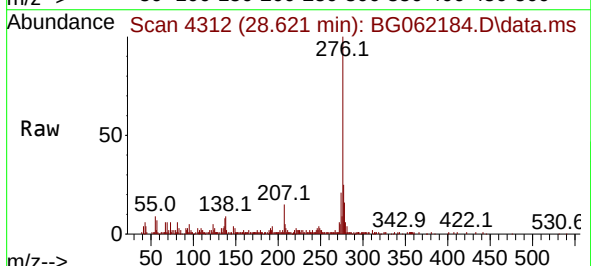
RT: 28.621 min Scan# 4312

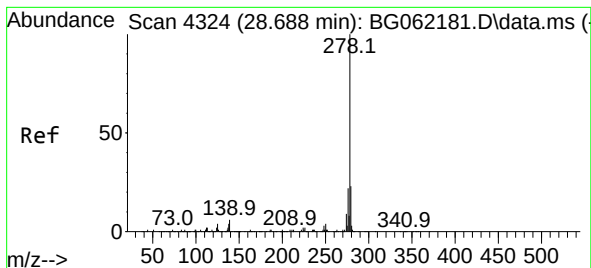
Delta R.T. -0.003 min

Lab File: BG062184.D

Acq: 23 Jul 2024 13:51

Tgt Ion:	276	Resp:	172974
Ion Ratio	Lower	Upper	
276	100		
138	8.6	6.1	9.1
277	24.6	17.4	26.2





#95

Dibenzo(a,h)anthracene

Concen: 3.383 ng/ul m

RT: 28.674 min Scan# 4324

Delta R.T. -0.009 min

Lab File: BG062184.D

Acq: 23 Jul 2024 13:51

Instrument :

BNA_G

ClientSampleId :

A4BA2

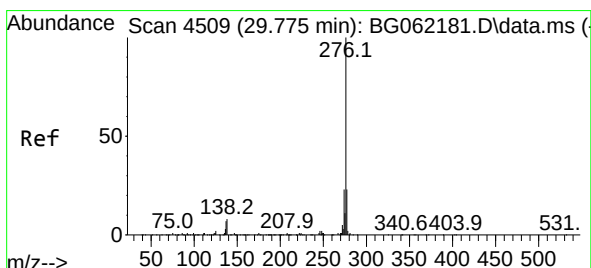
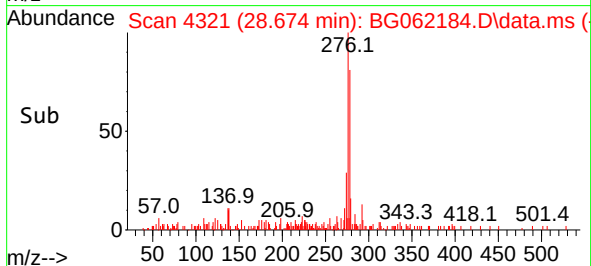
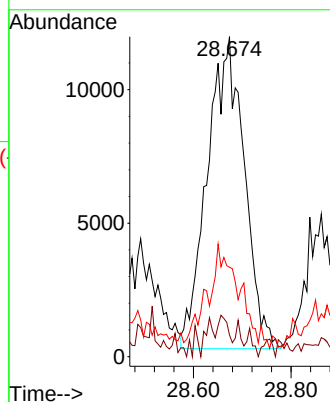
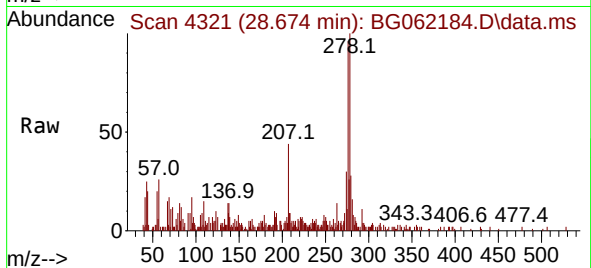
Tgt Ion:278 Resp: 6138

Ion	Ratio	Lower	Upper
278	100		
139	6.8	4.7	7.1
279	28.0	18.9	28.3

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 1.599 ng/ul m

RT: 29.778 min Scan# 4509

Delta R.T. -0.015 min

Lab File: BG062184.D

Acq: 23 Jul 2024 13:51

Tgt Ion:276 Resp: 28011

Ion	Ratio	Lower	Upper
276	100		
138	7.0	7.0	10.6#
277	20.7	17.9	26.9

