

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
 Data File : BG062187.D
 Acq On : 23 Jul 2024 15:52
 Operator : MA/JU
 Sample : P3263-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BB0

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 17:26:38 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	43048	20.000	ng/u1	0.00
20) Naphthalene-d8	10.880	136	181615	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.699	164	161702	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	401901	20.000	ng/u1	0.00
79) Chrysene-d12	21.701	240	378627	20.000	ng/u1	0.00
88) Perylene-d12	24.938	264	404056	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	2727m	2.958	ng/uL	0.00
4) Pyridine-d5	3.884	84	12429	3.710	ng/u1	0.00
7) Phenol-d5	7.238	99	80020	18.881	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.385	67	42682	17.528	ng/u1	0.00
11) 2-Chlorophenol-d4	7.597	132	49909	18.687	ng/u1	0.00
15) 4-Methylphenol-d8	8.783	113	57520	17.821	ng/u1	0.00
21) Nitrobenzene-d5	9.235	128	25623	17.708	ng/u1	0.00
24) 2-Nitrophenol-d4	9.952	143	31194	17.912	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	71993	19.747	ng/u1	0.00
31) 4-Chloroaniline-d4	11.015	131	45922	10.471	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	239980	17.509	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	263452	18.957	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	27422	16.603	ng/u1	0.00
60) Fluorene-d10	15.686	176	223642	19.164	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	36550	14.310	ng/u1	0.00
73) Anthracene-d10	17.536	188	377431	20.104	ng/u1	0.00
81) Pyrene-d10	19.821	212	412067	19.195	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.709	264	297614	14.735	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.933	128	12112	1.236	ng/u1	97
52) Acenaphthene	14.763	153	14936	1.485	ng/u1	96
56) Dibenzofuran	15.092	168	20145	1.330	ng/u1#	79
61) Fluorene	15.738	166	24491	1.886	ng/u1	99
72) Phenanthrene	17.483	178	422866	21.865	ng/u1	98
74) Anthracene	17.571	178	82544	4.146	ng/u1	96
77) Carbazole	17.847	167	34811	2.056	ng/u1	93
80) Fluoranthene	19.486	202	745517	30.272	ng/u1	98
82) Pyrene	19.851	202	483548	18.884	ng/u1	99
85) Benzo(a)anthracene	21.683	228	308457	11.607	ng/u1	97
87) Chrysene	21.748	228	297731	12.186	ng/u1	97
90) Benzo(b)fluoranthene	23.910	252	360348	14.435	ng/u1	97
91) Benzo(k)fluoranthene	23.963	252	125243m	5.026	ng/u1	
93) Benzo(a)pyrene	24.785	252	138243	5.913	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.621	276	125254m	4.663	ng/u1	
95) Dibenzo(a,h)anthracene	28.662	278	46064m	2.068	ng/u1	

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

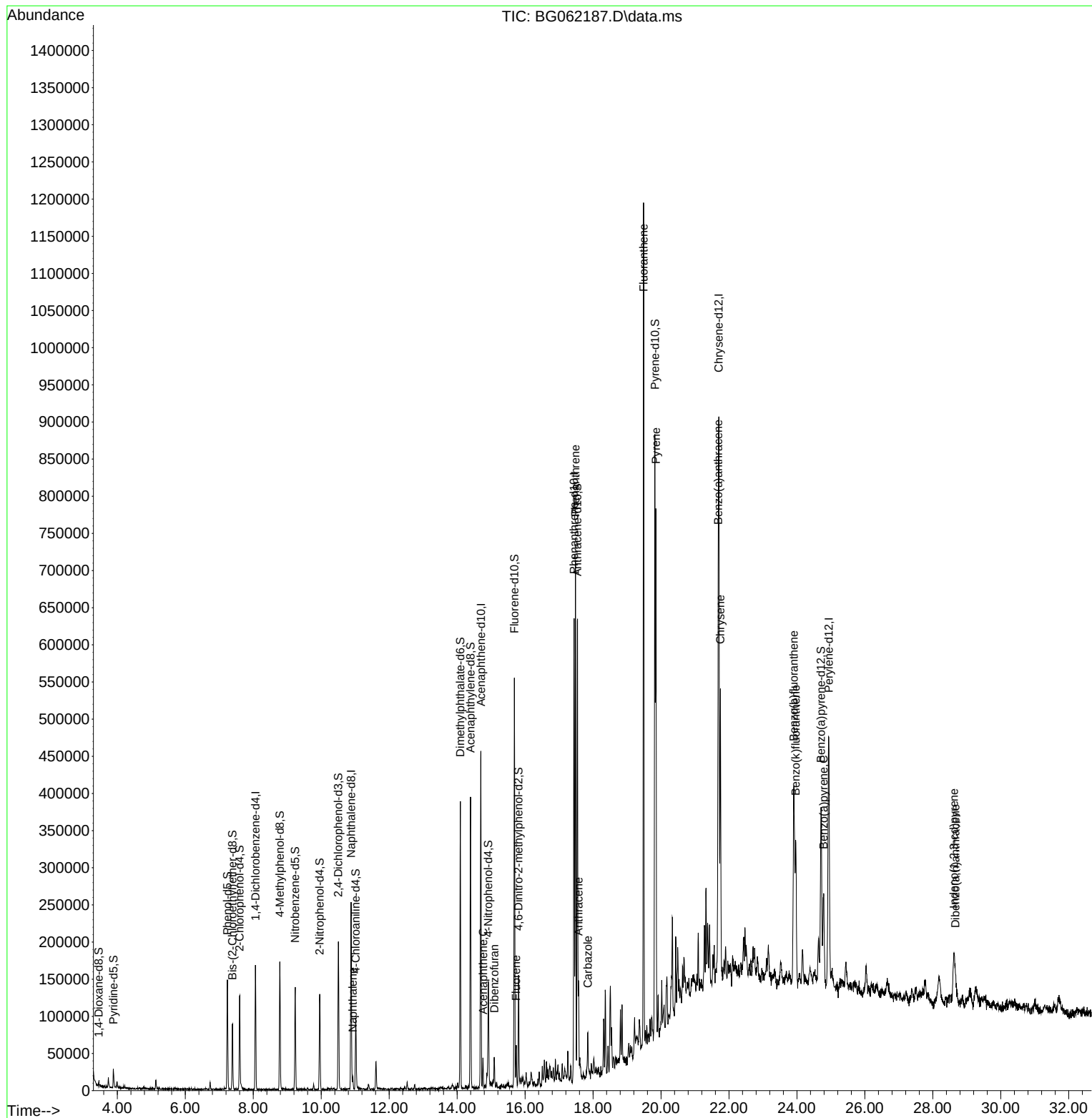
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072324\
Data File : BG062187.D
Acq On : 23 Jul 2024 15:52
Operator : MA/JU
Sample : P3263-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

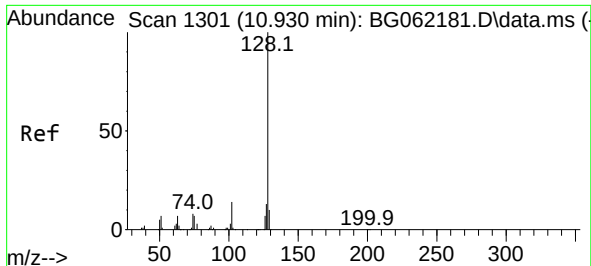
Instrument :
BNA_G
ClientSampleId :
A4BB0

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Supervised By :mohammad ahmed 07/25/2024

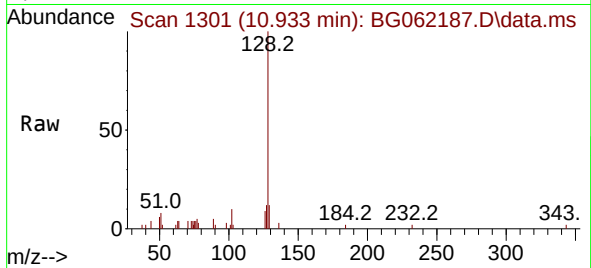
Quant Time: Jul 23 17:26:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.236 ng/ul
RT: 10.933 min Scan# 1301
Delta R.T. 0.002 min
Lab File: BG062187.D
Acq: 23 Jul 2024 15:52

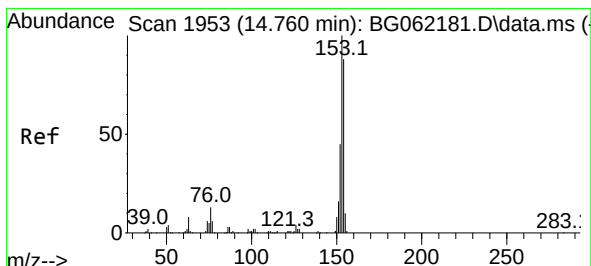
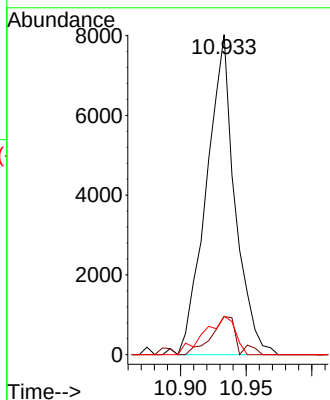
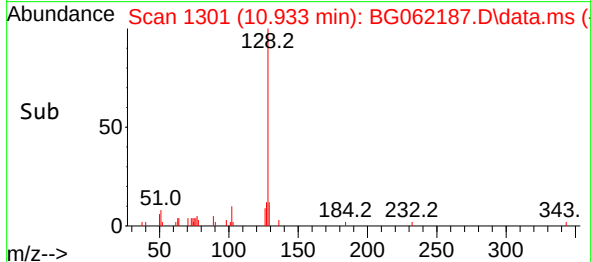
Instrument :
BNA_G
ClientSampleId :
A4BB0



Tgt Ion:128 Resp: 1211
Ion Ratio Lower Upper
128 100
129 11.9 8.7 13.1
127 12.0 10.6 15.8

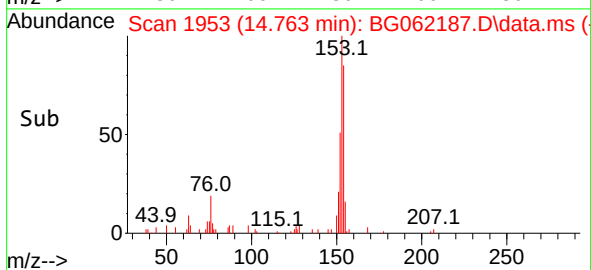
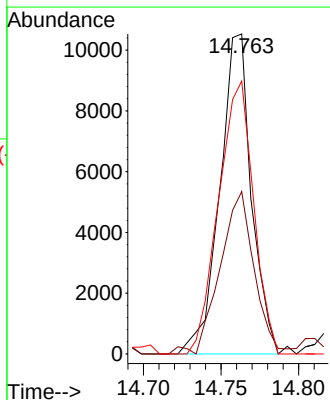
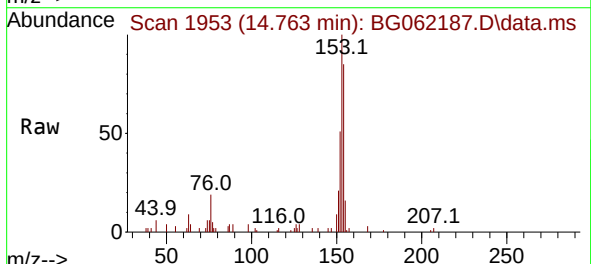
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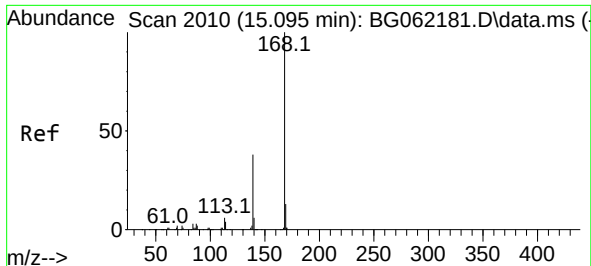
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#52
Acenaphthene
Concen: 1.485 ng/ul
RT: 14.763 min Scan# 1953
Delta R.T. 0.002 min
Lab File: BG062187.D
Acq: 23 Jul 2024 15:52

Tgt Ion:153 Resp: 14936
Ion Ratio Lower Upper
153 100
152 50.8 38.2 57.4
154 85.3 71.0 106.6





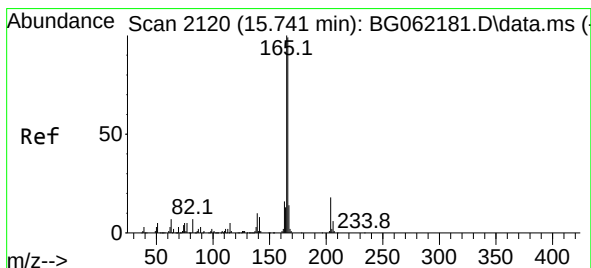
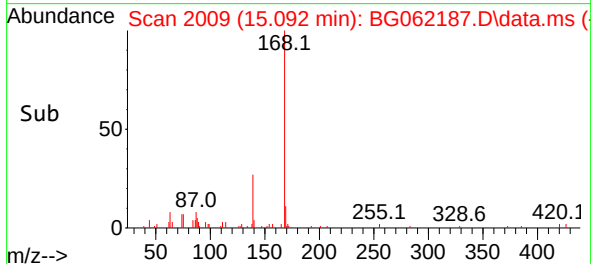
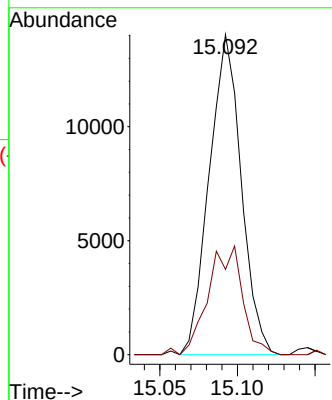
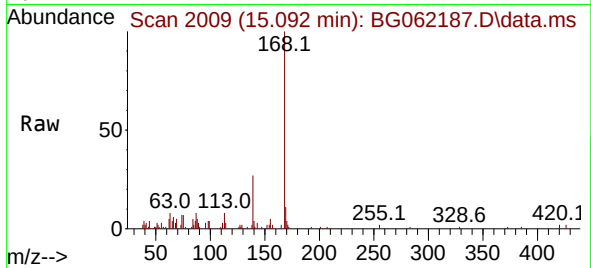
#56
Dibenzofuran
Concen: 1.330 ng/ul
RT: 15.092 min Scan# 2014
Delta R.T. -0.003 min
Lab File: BG062187.D
Acq: 23 Jul 2024 15:52

Instrument :
BNA_G
ClientSampleId :
A4BB0

Tgt Ion:168 Resp: 2014
Ion Ratio Lower Upper
168 100
139 26.6 31.8 47.6

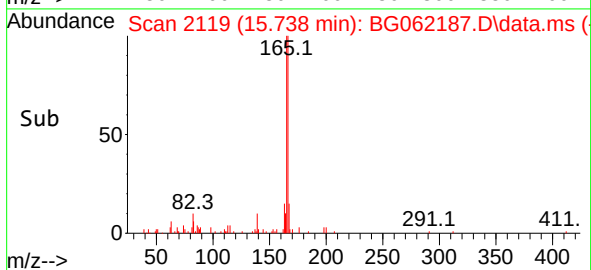
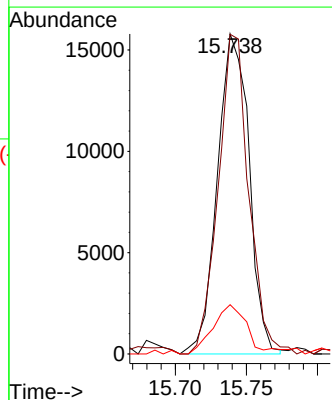
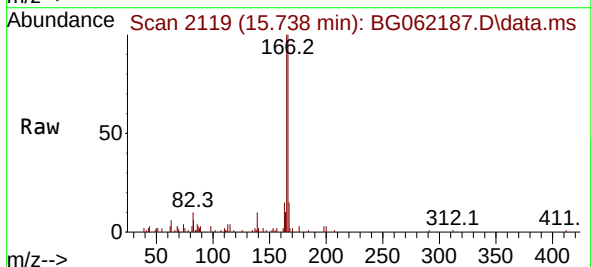
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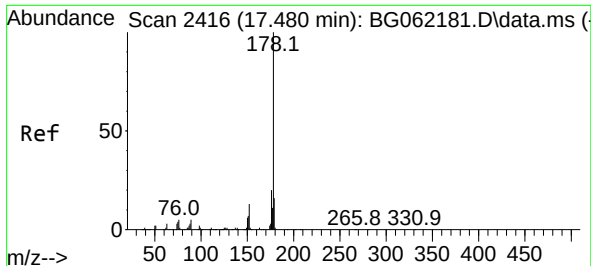
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#61
Fluorene
Concen: 1.886 ng/ul
RT: 15.738 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG062187.D
Acq: 23 Jul 2024 15:52

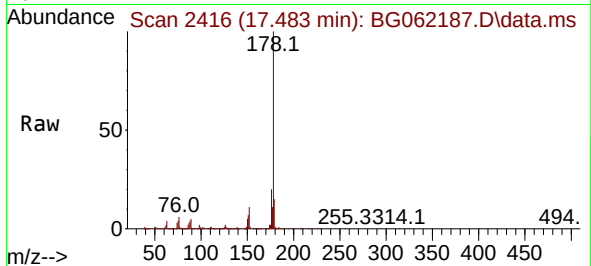
Tgt Ion:166 Resp: 24491
Ion Ratio Lower Upper
166 100
165 99.9 80.2 120.2
167 15.4 10.9 16.3





#72
Phenanthrene
Concen: 21.865 ng/u1
RT: 17.483 min Scan# 2416
Delta R.T. 0.002 min
Lab File: BG062187.D
Acq: 23 Jul 2024 15:52

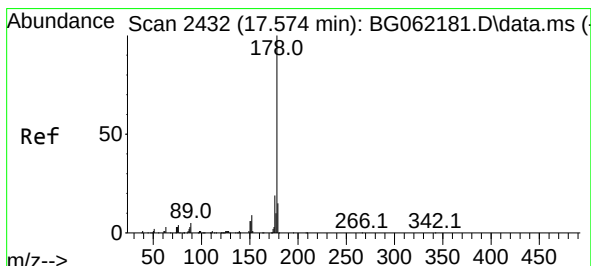
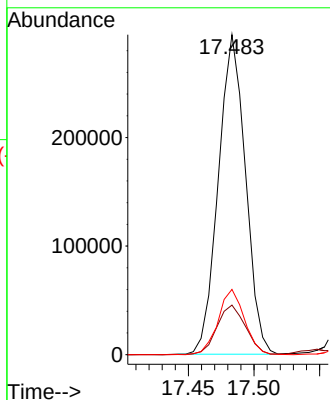
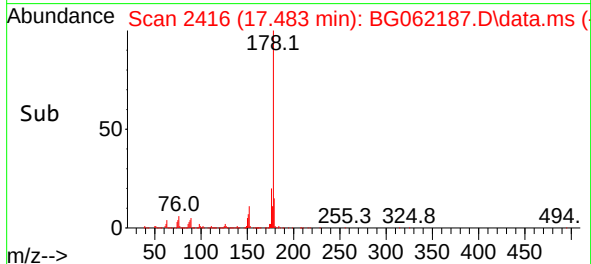
Instrument :
BNA_G
ClientSampleId :
A4BB0



Tgt Ion:178 Resp: 422860
Ion Ratio Lower Upper
178 100
179 15.5 14.1 21.1
176 20.4 16.3 24.5

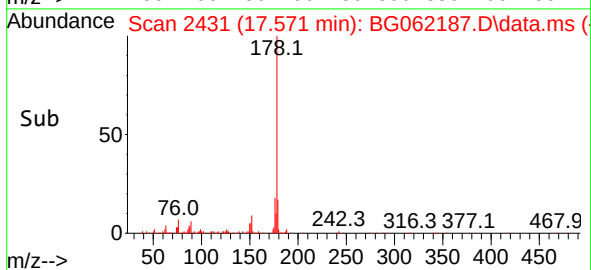
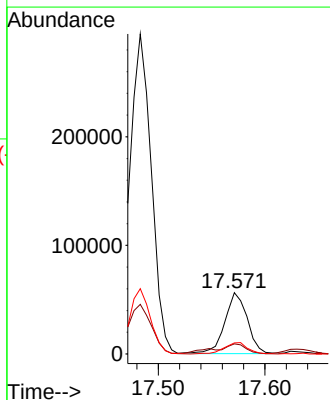
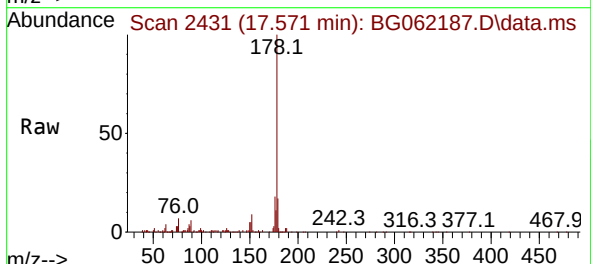
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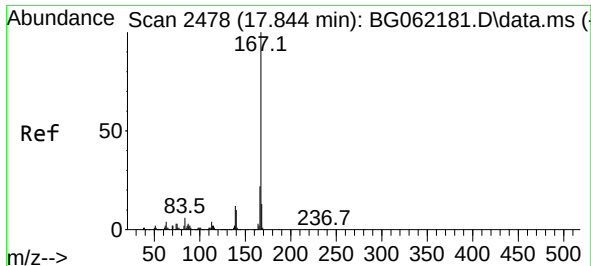
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#74
Anthracene
Concen: 4.146 ng/u1
RT: 17.571 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BG062187.D
Acq: 23 Jul 2024 15:52

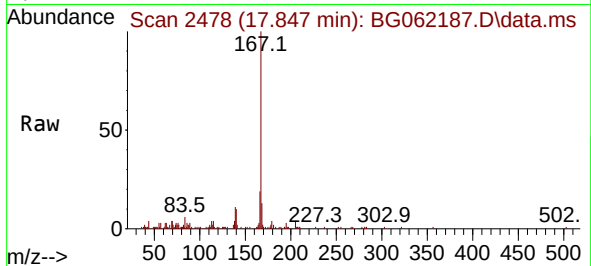
Tgt Ion:178 Resp: 82544
Ion Ratio Lower Upper
178 100
179 16.5 13.9 20.9
176 18.1 16.3 24.5





#77
 Carbazole
 Concen: 2.056 ng/ul
 RT: 17.847 min Scan# 2478
 Delta R.T. 0.002 min
 Lab File: BG062187.D
 Acq: 23 Jul 2024 15:52

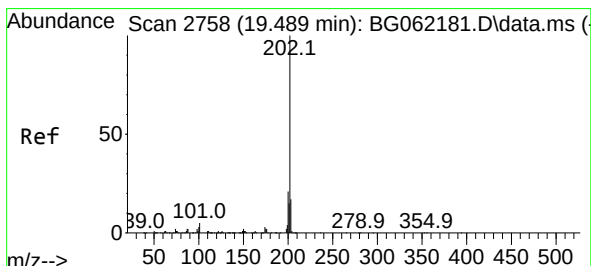
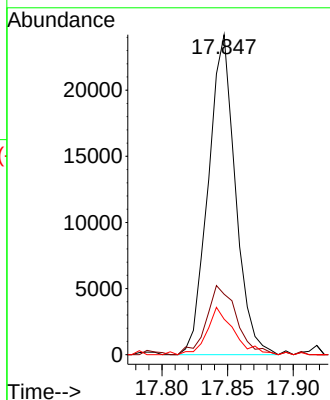
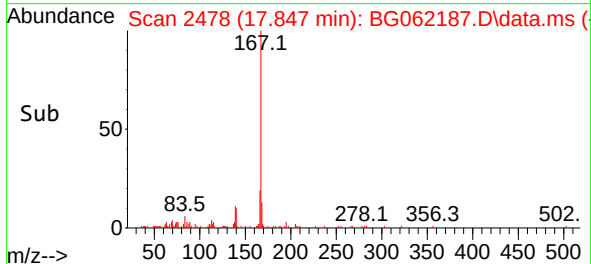
Instrument :
 BNA_G
 ClientSampleId :
 A4BB0



Tgt Ion:167 Resp: 3481
 Ion Ratio Lower Upper
 167 100
 166 18.9 18.5 27.7
 139 11.1 9.8 14.8

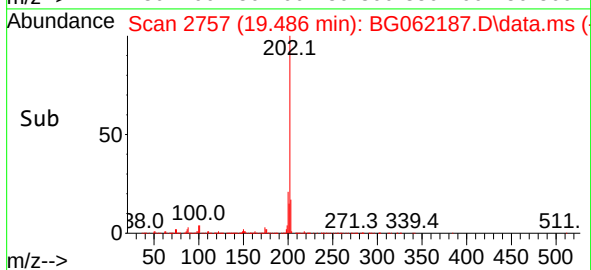
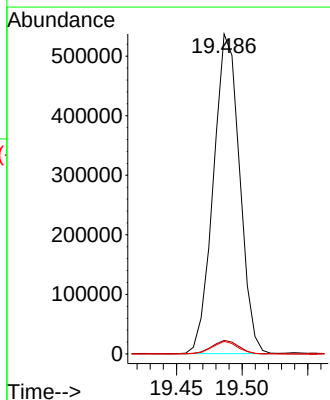
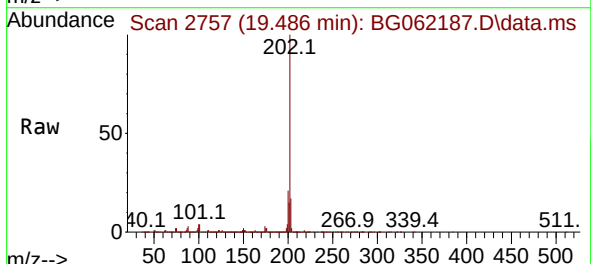
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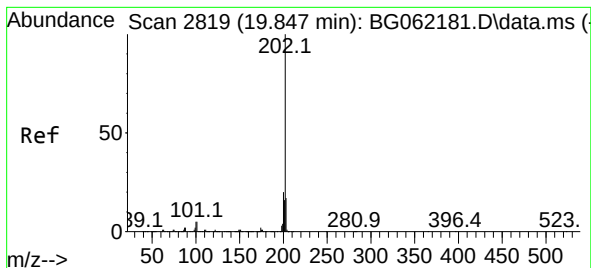
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024



#80
 Fluoranthene
 Concen: 30.272 ng/ul
 RT: 19.486 min Scan# 2757
 Delta R.T. 0.002 min
 Lab File: BG062187.D
 Acq: 23 Jul 2024 15:52

Tgt Ion:202 Resp: 745517
 Ion Ratio Lower Upper
 202 100
 101 4.3 4.2 6.2
 100 4.0 3.1 4.7





#82

Pyrene

Concen: 18.884 ng/ul

RT: 19.851 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG062187.D

Acq: 23 Jul 2024 15:52

Instrument :

BNA_G

ClientSampleId :

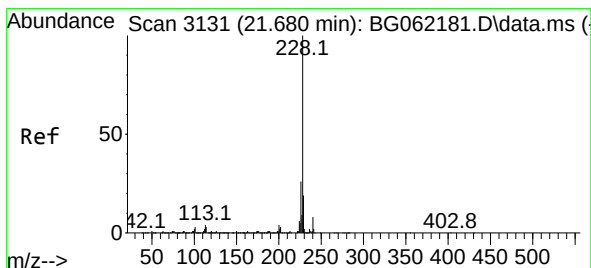
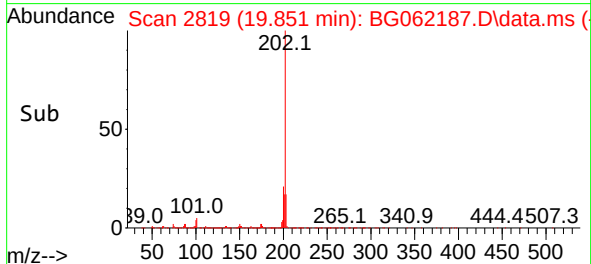
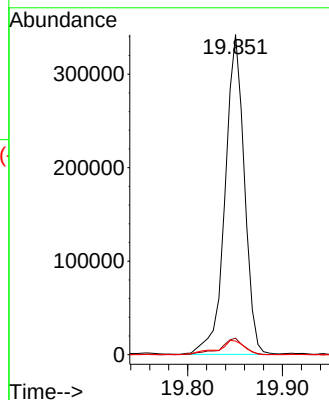
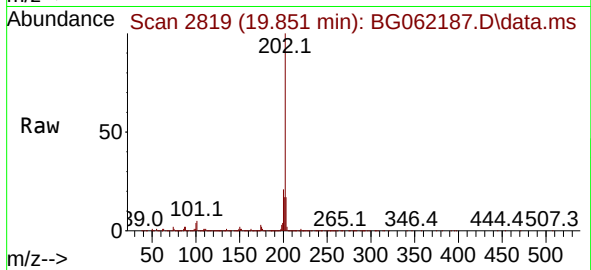
A4BB0

Tgt Ion:	202	Resp:	48354
Ion Ratio	Lower	Upper	
202	100		
101	5.2	4.2	6.4
100	4.2	4.0	6.0

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2024



#85

Benzo(a)anthracene

Concen: 11.607 ng/ul

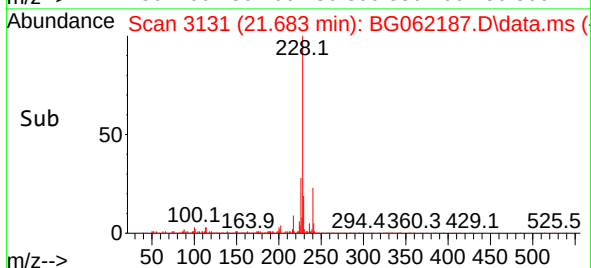
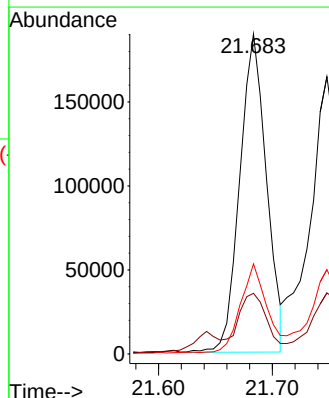
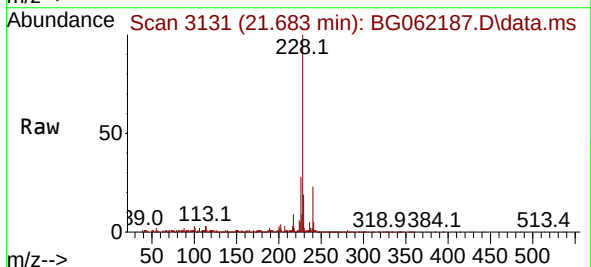
RT: 21.683 min Scan# 3131

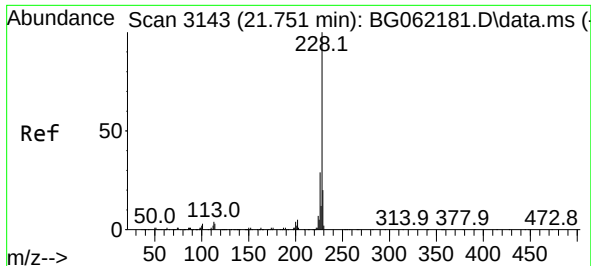
Delta R.T. 0.002 min

Lab File: BG062187.D

Acq: 23 Jul 2024 15:52

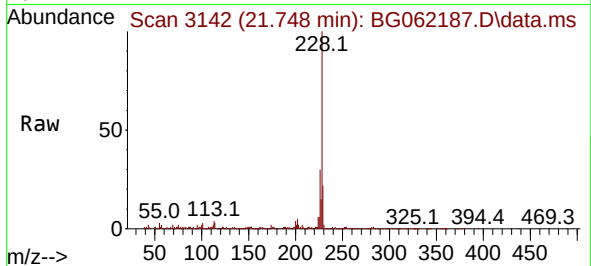
Tgt Ion:	228	Resp:	308457
Ion Ratio	Lower	Upper	
228	100		
229	19.0	15.4	23.2
226	28.2	20.9	31.3





#87
Chrysene
Concen: 12.186 ng/u1
RT: 21.748 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG062187.D
Acq: 23 Jul 2024 15:52

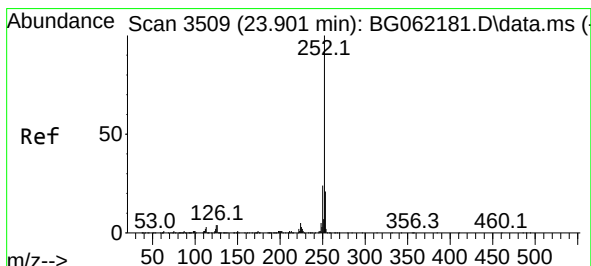
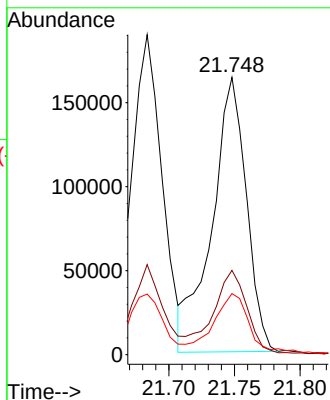
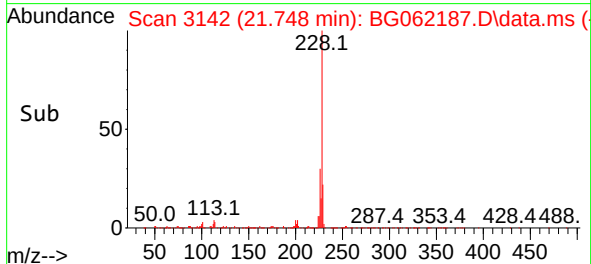
Instrument :
BNA_G
ClientSampleId :
A4BB0



Tgt Ion:228 Resp: 29773
Ion Ratio Lower Upper
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226 30.4 24.0 36.0
229 22.0 15.4 23.0

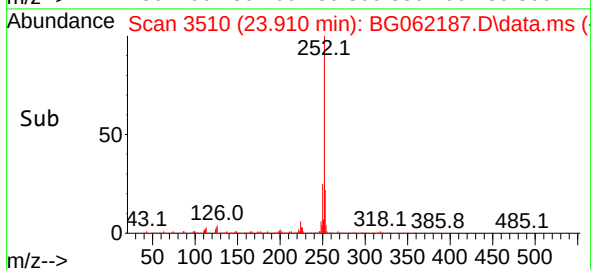
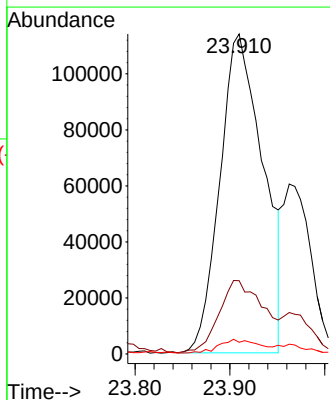
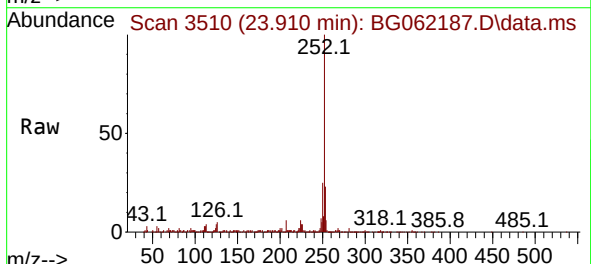
Manual Integrations
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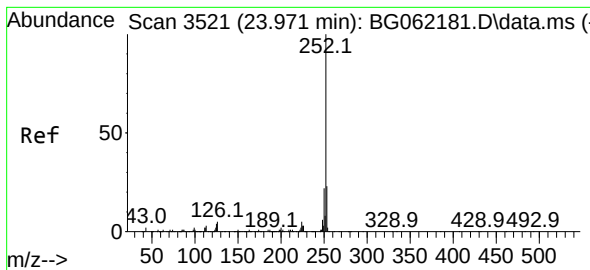
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#90
Benzo(b)fluoranthene
Concen: 14.435 ng/u1
RT: 23.910 min Scan# 3510
Delta R.T. 0.002 min
Lab File: BG062187.D
Acq: 23 Jul 2024 15:52

Tgt Ion:252 Resp: 360348
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 3.6 3.4 5.0





#91

Benzo(k)fluoranthene

Concen: 5.026 ng/ul m

RT: 23.963 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG062187.D

Acq: 23 Jul 2024 15:52

Instrument :

BNA_G

ClientSampleId :

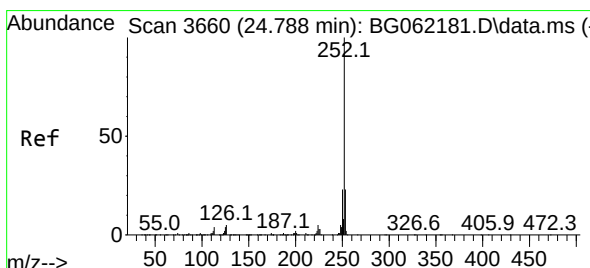
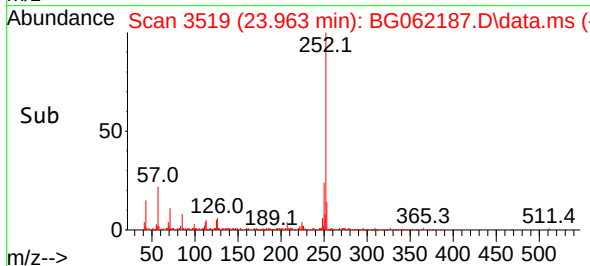
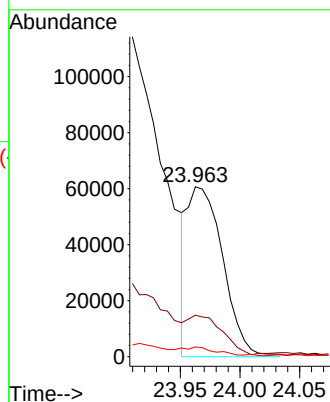
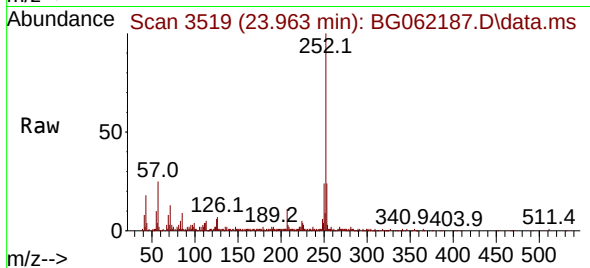
A4BB0

Tgt Ion:	252	Resp:	12524
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.2	27.2
125	5.7	2.7	4.1

Manual Integrations

APPROVED

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



#93

Benzo(a)pyrene

Concen: 5.913 ng/ul

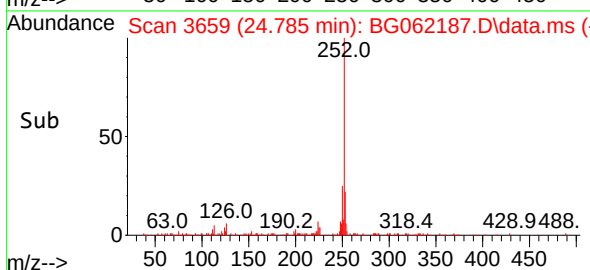
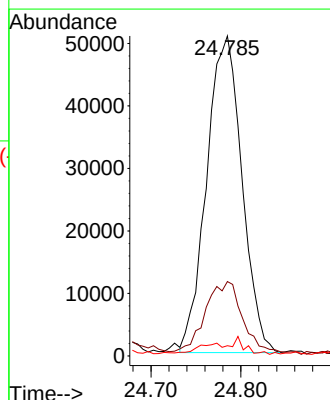
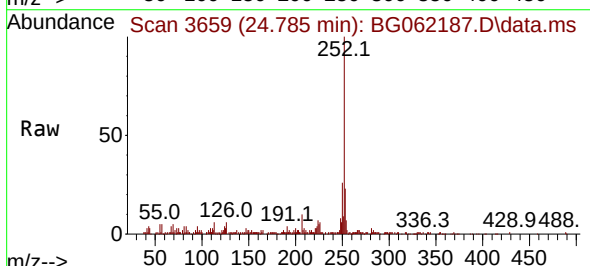
RT: 24.785 min Scan# 3659

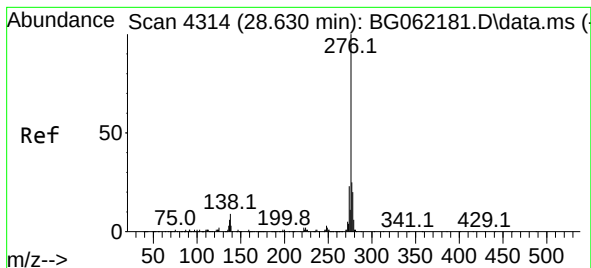
Delta R.T. 0.002 min

Lab File: BG062187.D

Acq: 23 Jul 2024 15:52

Tgt Ion:	252	Resp:	138243
Ion Ratio	Lower	Upper	
252	100		
253	23.3	16.6	24.8
125	3.2	3.0	4.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.663 ng/ul m

RT: 28.621 min Scan# 4314

Delta R.T. -0.003 min

Lab File: BG062187.D

Acq: 23 Jul 2024 15:52

Instrument :

BNA_G

ClientSampleId :

A4BB0

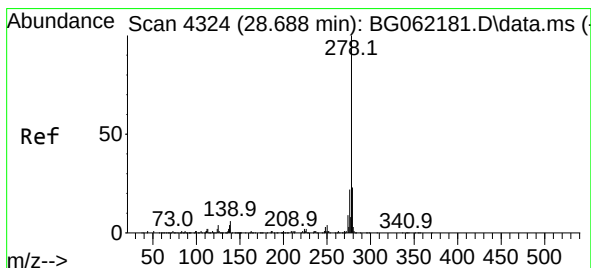
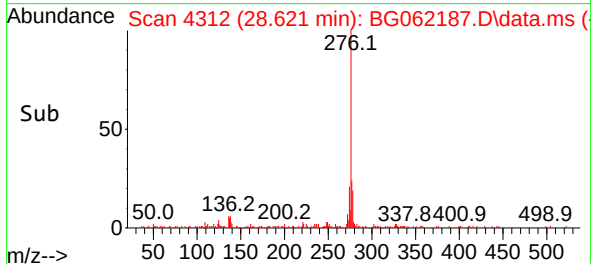
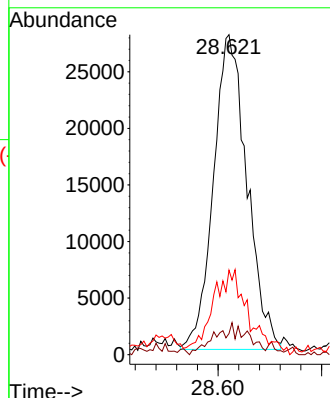
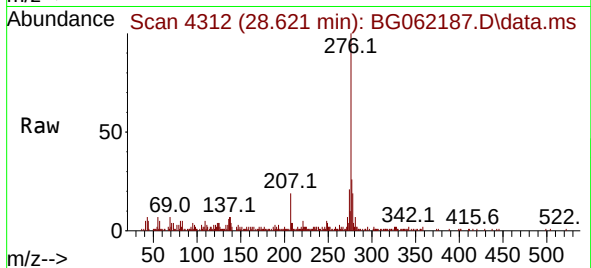
Tgt Ion:276 Resp: 125254

Ion	Ratio	Lower	Upper
276	100		
138	6.6	6.1	9.1
277	26.4	17.4	26.2

Manual Integrations

APPROVED

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



#95

Dibenzo(a,h)anthracene

Concen: 2.068 ng/ul m

RT: 28.662 min Scan# 4319

Delta R.T. -0.021 min

Lab File: BG062187.D

Acq: 23 Jul 2024 15:52

Tgt Ion:278 Resp: 46064

Ion	Ratio	Lower	Upper
278	100		
139	8.6	4.7	7.1#
279	41.6	18.9	28.3#

