

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061675.D
 Acq On : 24 Jun 2024 14:50
 Operator : MA/JU
 Sample : P2775-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BQ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 01:58:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	66422	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	348908	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.701	164	261548	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	623318	20.000	ng/ul	0.00
79) Chrysene-d12	21.710	240	504813	20.000	ng/ul	0.00
88) Perylene-d12	24.941	264	609655	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.472	96	6309	3.431	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.215	99	155115	21.512	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	112506	25.029	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	122779	24.813	ng/ul	0.00
15) 4-Methylphenol-d8	8.766	113	112154	20.120	ng/ul	0.00
21) Nitrobenzene-d5	9.242	128	65196	27.520	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	77027	32.102	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	149890	26.382	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	83927	9.757	ng/ul	0.00
46) Dimethylphthalate-d6	14.107	166	546459	27.150	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	608783	27.600	ng/ul	0.00
54) 4-Nitrophenol-d4	14.871	143	74609	21.584	ng/ul	0.00
60) Fluorene-d10	15.693	176	500935	28.430	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	75668	28.389	ng/ul	0.00
73) Anthracene-d10	17.544	188	781462	27.466	ng/ul	0.00
81) Pyrene-d10	19.824	212	817681	28.998	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.718	264	618021	21.225	ng/ul	0.00
Target Compounds	Qvalue					
16) Acetophenone	8.896	105	11616	1.266	ng/ul#	74
72) Phenanthrene	17.485	178	226038	6.893	ng/ul	98
74) Anthracene	17.579	178	36953	1.102	ng/ul	95
80) Fluoranthene	19.489	202	490746	14.999	ng/ul	98
82) Pyrene	19.853	202	355501	10.219	ng/ul	100
85) Benzo(a)anthracene	21.686	228	210295	5.935	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.610	149	72297	3.883	ng/ul	92
87) Chrysene	21.757	228	238952	7.127	ng/ul	96
90) Benzo(b)fluoranthene	23.919	252	329597	8.994	ng/ul#	95
91) Benzo(k)fluoranthene	23.972	252	110927m	2.943	ng/ul	
93) Benzo(a)pyrene	24.789	252	128059	3.630	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.619	276	115065m	2.617	ng/ul	
95) Dibenzo(a,h)anthracene	28.672	278	42837m	1.172	ng/ul	

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

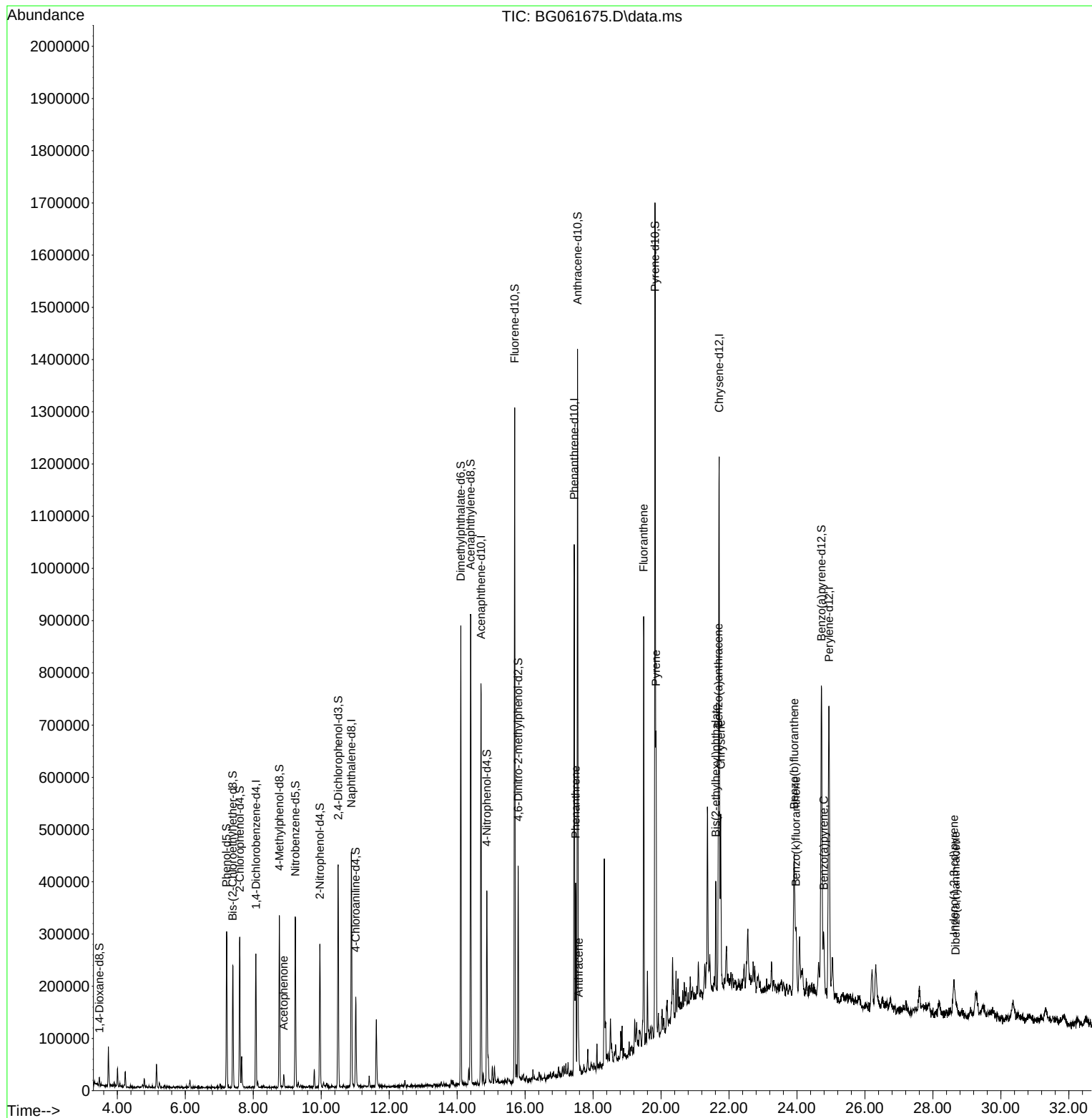
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061675.D
Acq On : 24 Jun 2024 14:50
Operator : MA/JU
Sample : P2775-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

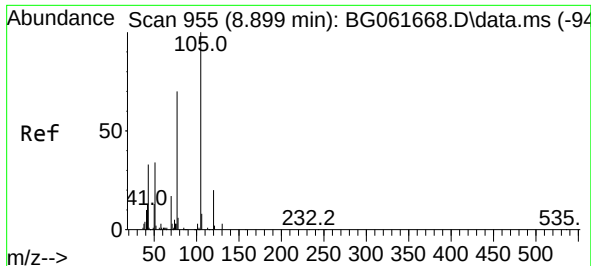
Instrument :
BNA_G
ClientSampleId :
A4BQ3

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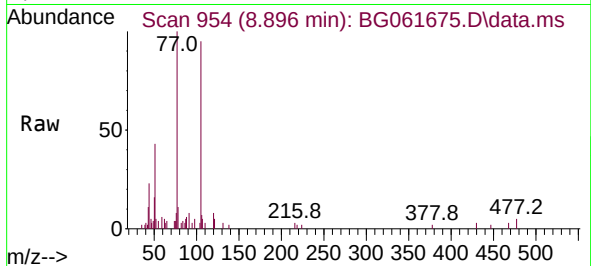
Quant Time: Jun 25 01:58:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.266 ng/ul
RT: 8.896 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG061675.D
Acq: 24 Jun 2024 14:50

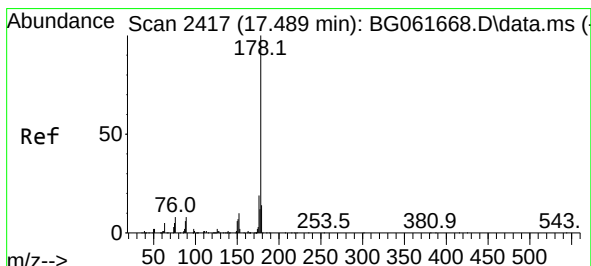
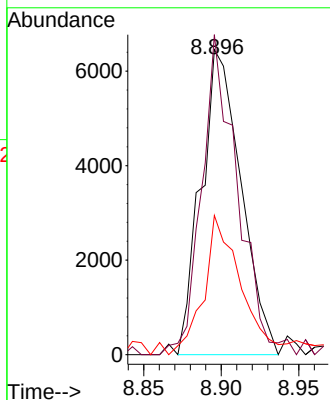
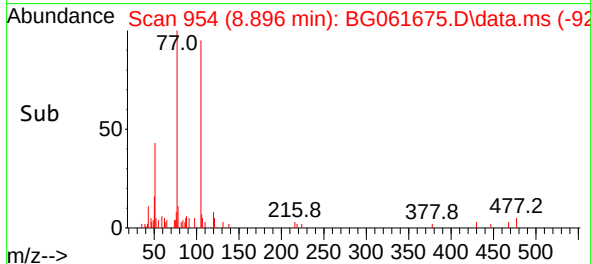
Instrument :
BNA_G
ClientSampleId :
A4BQ3



Tgt Ion:105 Resp: 11610
Ion Ratio Lower Upper
105 100
77 104.9 60.4 90.6
51 45.6 31.1 46.7

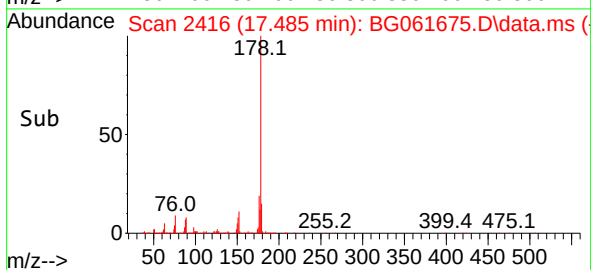
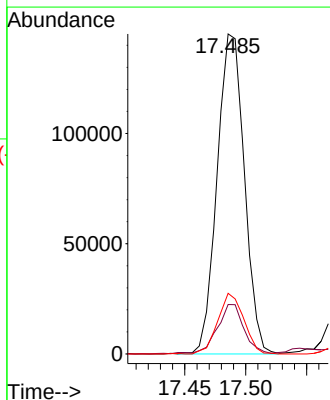
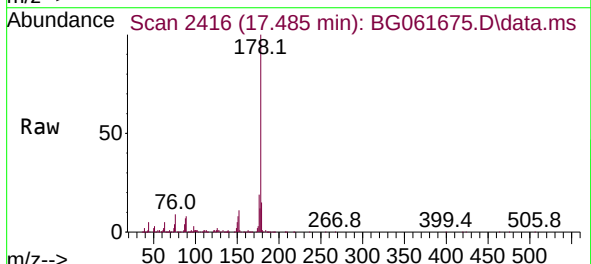
Manual Integrations
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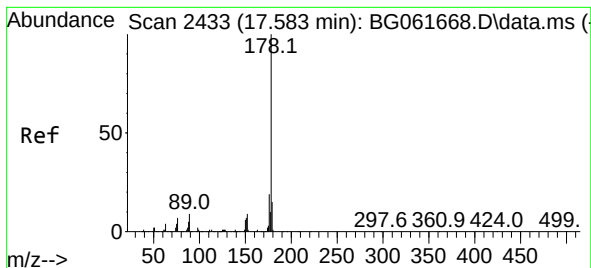
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#72
Phenanthrene
Concen: 6.893 ng/ul
RT: 17.485 min Scan# 2416
Delta R.T. -0.003 min
Lab File: BG061675.D
Acq: 24 Jun 2024 14:50

Tgt Ion:178 Resp: 226038
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 18.9 16.2 24.2





#74

Anthracene

Concen: 1.102 ng/ul

RT: 17.579 min Scan# 2433

Delta R.T. 0.002 min

Lab File: BG061675.D

Acq: 24 Jun 2024 14:50

Instrument :

BNA_G

ClientSampleId :

A4BQ3

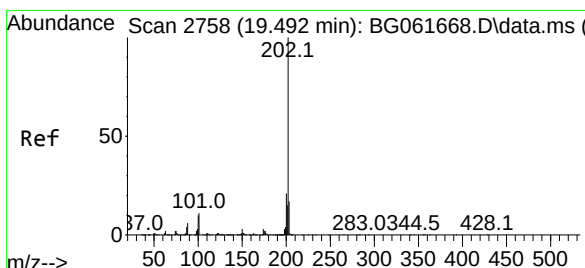
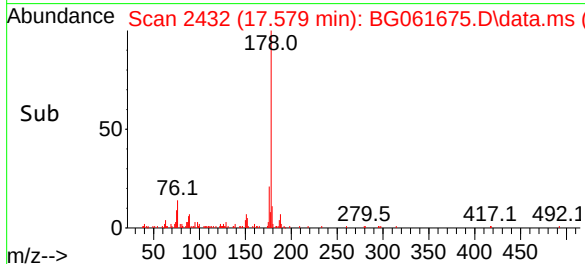
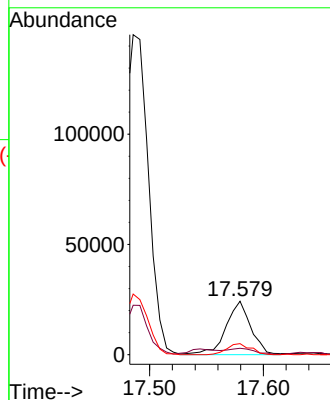
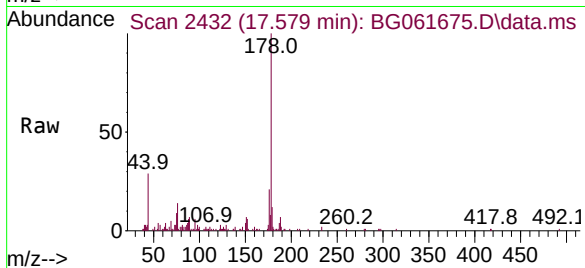
Tgt Ion:178 Resp: 3695
 Ion Ratio Lower Upper
 178 100
 179 12.0 11.4 17.2
 176 20.7 14.7 22.1

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#80

Fluoranthene

Concen: 14.999 ng/ul

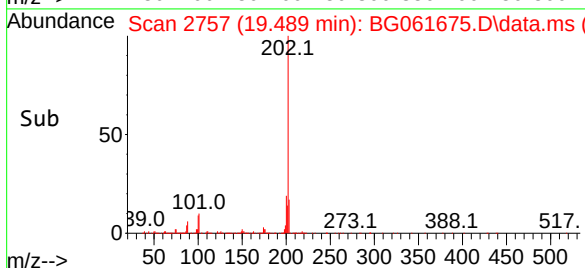
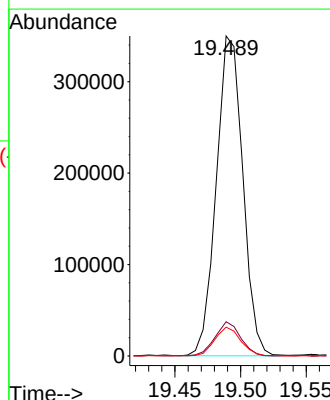
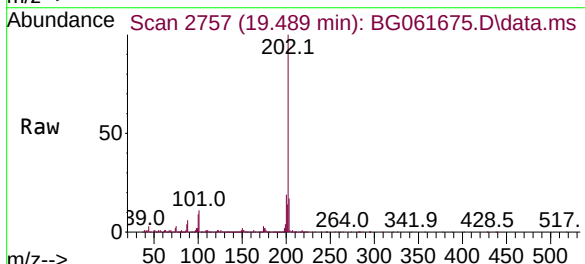
RT: 19.489 min Scan# 2757

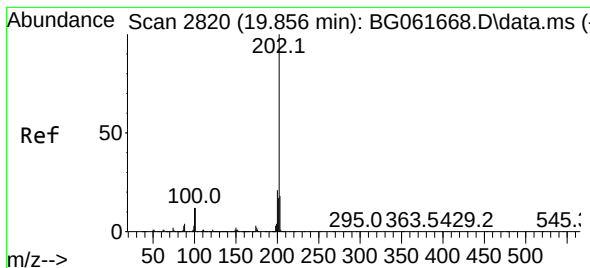
Delta R.T. -0.003 min

Lab File: BG061675.D

Acq: 24 Jun 2024 14:50

Tgt Ion:202 Resp: 490746
 Ion Ratio Lower Upper
 202 100
 101 10.7 7.8 11.6
 100 9.0 7.7 11.5





#82

Pyrene

Concen: 10.219 ng/ul

RT: 19.853 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG061675.D

Acq: 24 Jun 2024 14:50

Instrument :

BNA_G

ClientSampleId :

A4BQ3

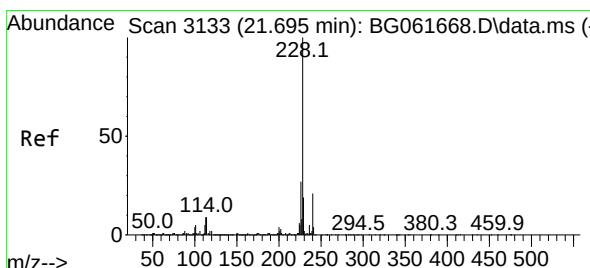
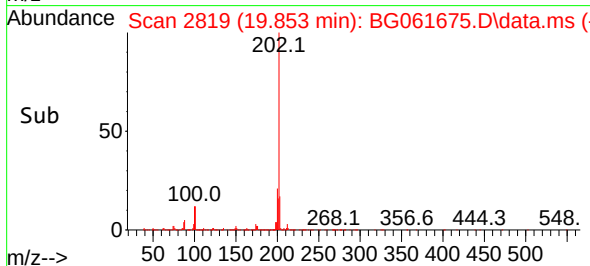
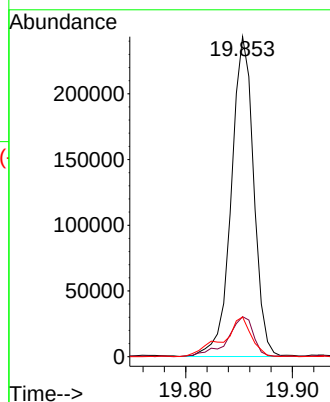
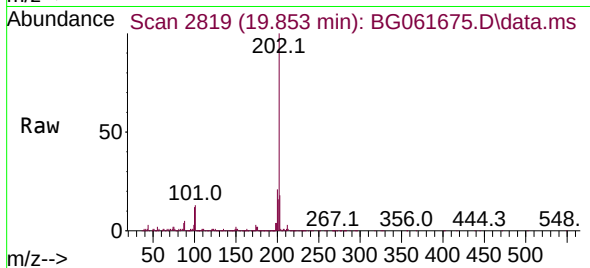
Tgt Ion:	202	Resp:	35550
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.1	15.1
100	12.4	9.9	14.9

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#85

Benzo(a)anthracene

Concen: 5.935 ng/ul

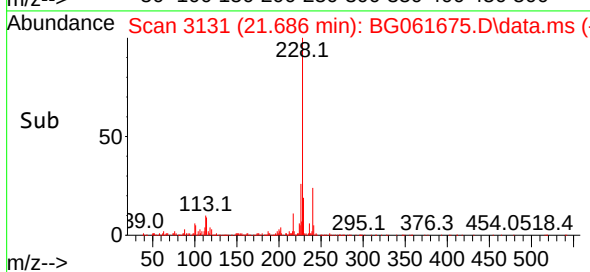
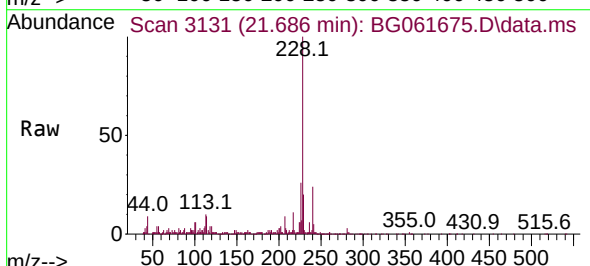
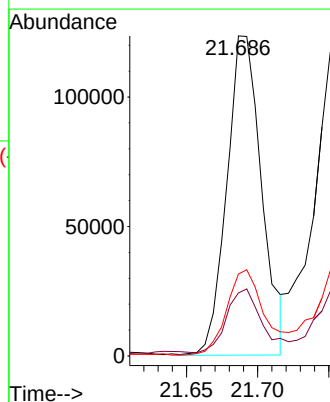
RT: 21.686 min Scan# 3131

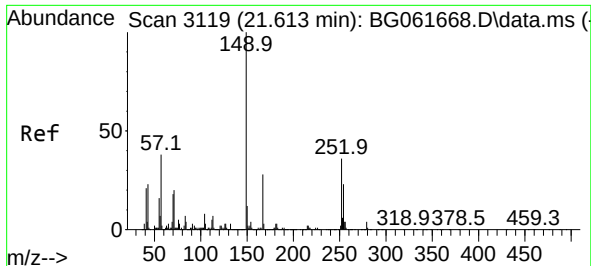
Delta R.T. -0.003 min

Lab File: BG061675.D

Acq: 24 Jun 2024 14:50

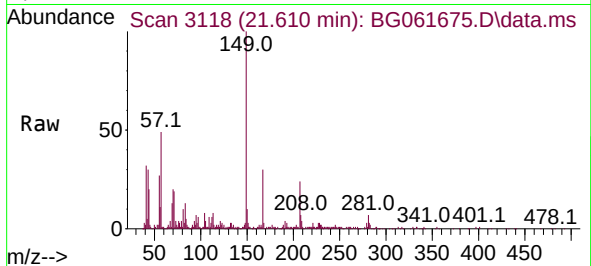
Tgt Ion:	228	Resp:	210295
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.8	23.8
226	25.6	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.883 ng/ul
RT: 21.610 min Scan# 3118
Delta R.T. -0.015 min
Lab File: BG061675.D
Acq: 24 Jun 2024 14:50

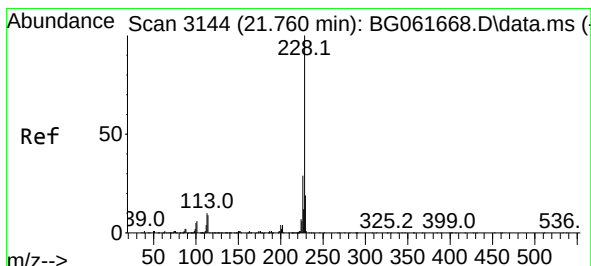
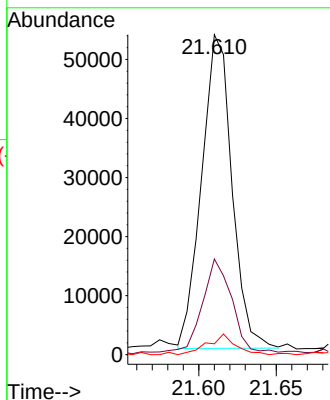
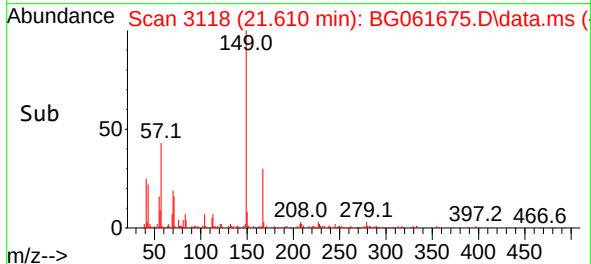
Instrument :
BNA_G
ClientSampleId :
A4BQ3



Tgt Ion:149 Resp: 7229
Ion Ratio Lower Upper
149 100
167 29.9 20.5 30.7
279 3.4 2.9 4.3

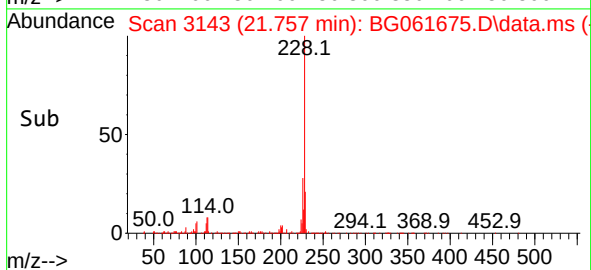
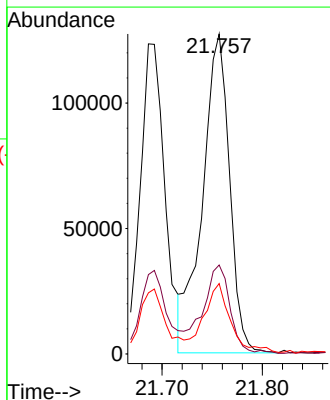
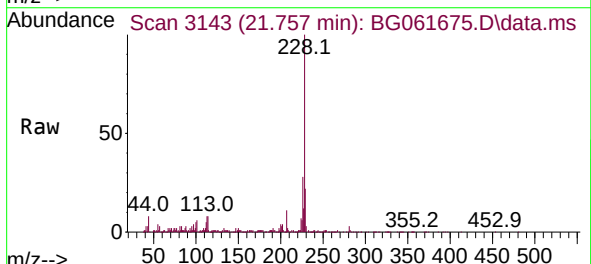
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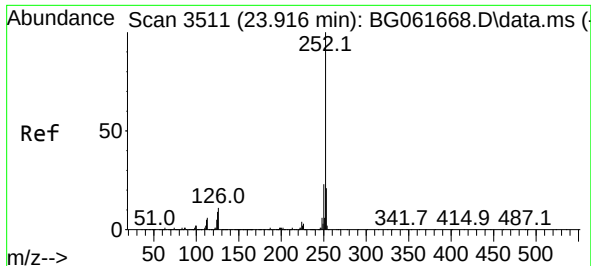
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#87
Chrysene
Concen: 7.127 ng/ul
RT: 21.757 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BG061675.D
Acq: 24 Jun 2024 14:50

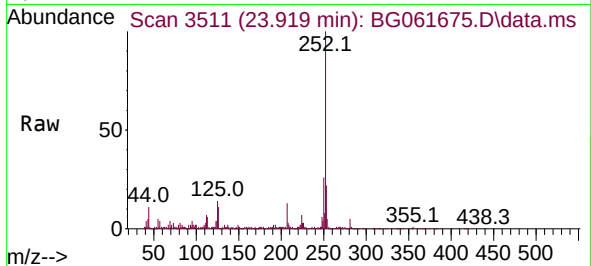
Tgt Ion:228 Resp: 238952
Ion Ratio Lower Upper
228 100
226 27.8 24.2 36.2
229 22.0 16.5 24.7





#90
Benzo(b)fluoranthene
Concen: 8.994 ng/ul
RT: 23.919 min Scan# 3511
Delta R.T. 0.003 min
Lab File: BG061675.D
Acq: 24 Jun 2024 14:50

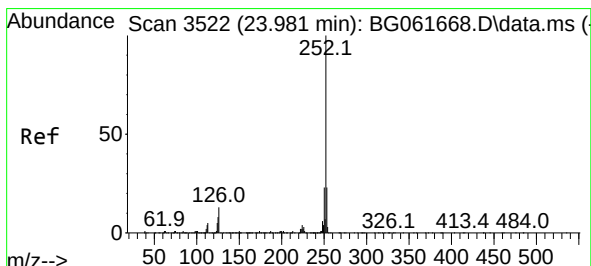
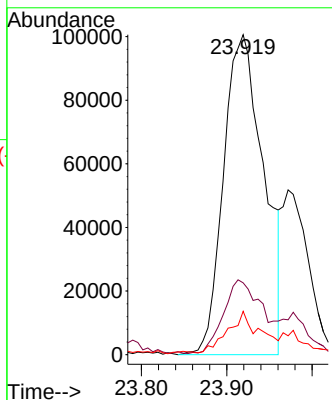
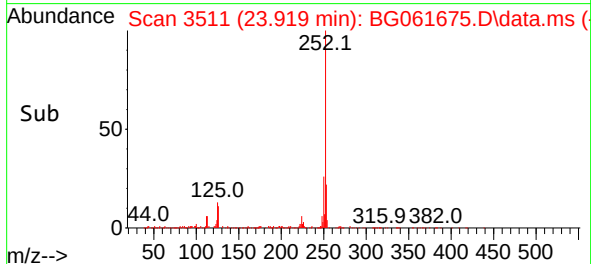
Instrument :
BNA_G
ClientSampleId :
A4BQ3



Tgt Ion:252 Resp: 32959
Ion Ratio Lower Upper
252 100
253 22.4 18.6 27.8
125 13.5 7.0 10.6

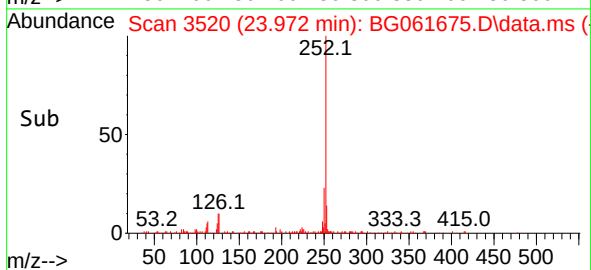
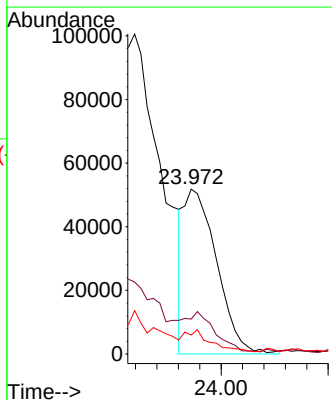
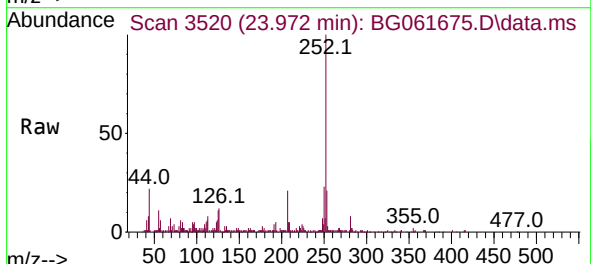
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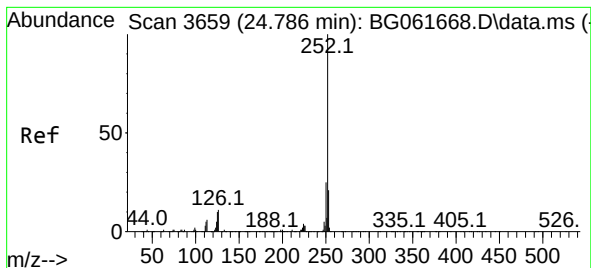
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#91
Benzo(k)fluoranthene
Concen: 2.943 ng/ul m
RT: 23.972 min Scan# 3520
Delta R.T. -0.009 min
Lab File: BG061675.D
Acq: 24 Jun 2024 14:50

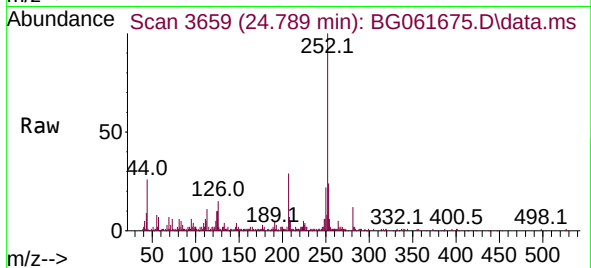
Tgt Ion:252 Resp: 110927
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 11.4 6.2 9.2#





#93
Benzo(a)pyrene
Concen: 3.630 ng/ul
RT: 24.789 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG061675.D
Acq: 24 Jun 2024 14:50

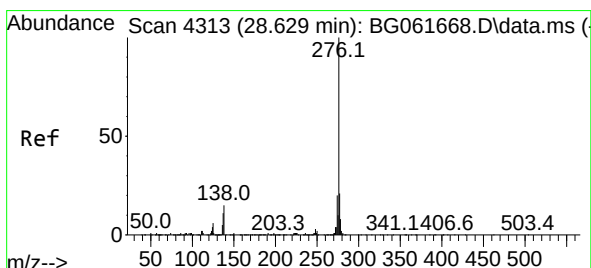
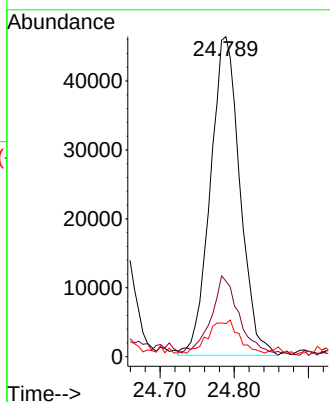
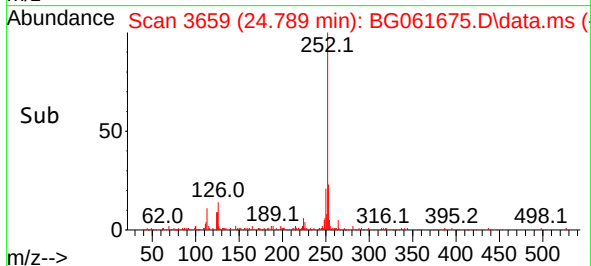
Instrument :
BNA_G
ClientSampleId :
A4BQ3



Tgt Ion:252 Resp: 128059
Ion Ratio Lower Upper
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253 23.6 16.8 25.2
125 10.4 6.5 9.7

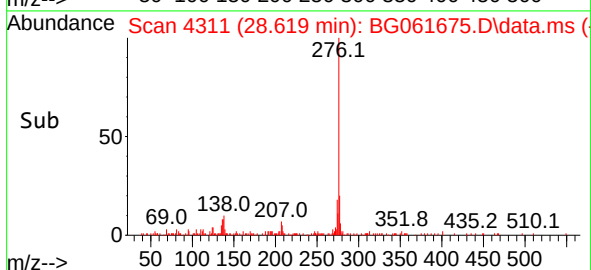
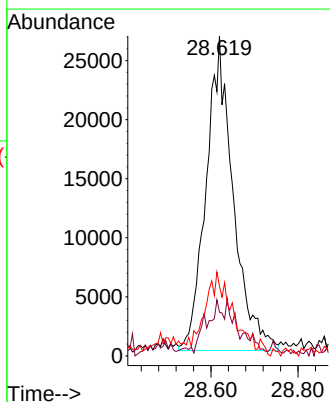
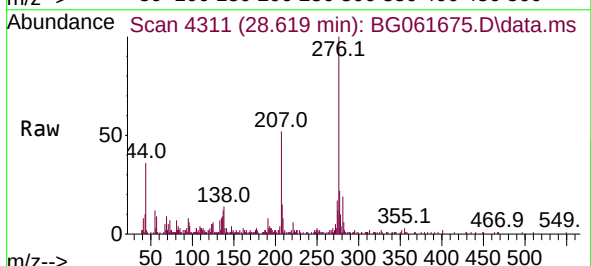
Manual Integrations
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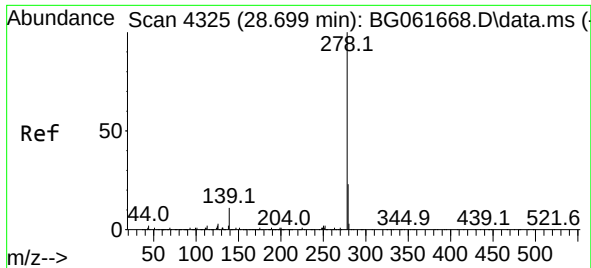
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.617 ng/ul m
RT: 28.619 min Scan# 4311
Delta R.T. 0.003 min
Lab File: BG061675.D
Acq: 24 Jun 2024 14:50

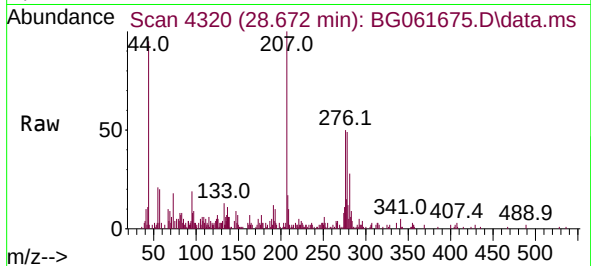
Tgt Ion:276 Resp: 115065
Ion Ratio Lower Upper
276 100
138 13.6 12.2 18.4
277 21.8 19.7 29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 1.172 ng/ul m
 RT: 28.672 min Scan# 4
 Delta R.T. -0.027 min
 Lab File: BG061675.D
 Acq: 24 Jun 2024 14:50

Instrument :
 BNA_G
 ClientSampleId :
 A4BQ3



Tgt Ion:	278	Resp:	4283
Ion Ratio	Lower	Upper	
278	100		
139	11.3	9.1	13.7
279	24.7	18.6	28.0

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