

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061653.D
 Acq On : 22 Jun 2024 17:50
 Operator : MA/JU
 Sample : P2776-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C76

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 23 00:25:36 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	8.077	152	74066	20.000	ng/u1	0.00
20) Naphthalene-d8	10.891	136	350490	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	237974	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	504073	20.000	ng/u1	0.00
79) Chrysene-d12	21.708	240	434870	20.000	ng/u1	# 0.00
88) Perylene-d12	24.939	264	523647	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	8234	4.016	ng/uL	0.00
4) Pyridine-d5	3.899	84	9293	1.499	ng/u1	0.01
7) Phenol-d5	7.219	99	218777	27.209	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	127513	25.440	ng/u1	0.00
11) 2-Chlorophenol-d4	7.601	132	156387	28.343	ng/u1	0.00
15) 4-Methylphenol-d8	8.770	113	170327	27.402	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	74119	31.145	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	86409	35.850	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	170708	29.911	ng/u1	0.00
31) 4-Chloroaniline-d4	11.026	131	22613	2.617	ng/u1	0.01
46) Dimethylphthalate-d6	14.111	166	523917	28.609	ng/u1	0.00
49) Acenaphthylene-d8	14.399	160	605517	30.171	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	80343	25.545	ng/u1	0.00
60) Fluorene-d10	15.691	176	463771	28.928	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	59021	27.382	ng/u1	0.00
73) Anthracene-d10	17.542	188	692380	30.092	ng/u1	0.00
81) Pyrene-d10	19.822	212	653846	26.917	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.716	264	498656	19.938	ng/u1	0.00
Target Compounds						
72) Phenanthrene	17.483	178	335031	12.634	ng/u1	99
74) Anthracene	17.577	178	55230m	2.037	ng/u1	
77) Carbazole	17.842	167	36600	1.590	ng/u1	99
80) Fluoranthene	19.493	202	731226	25.944	ng/u1	97
82) Pyrene	19.851	202	543936	18.150	ng/u1	96
85) Benzo(a)anthracene	21.690	228	336665	11.029	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.614	149	119054	7.423	ng/u1	93
87) Chrysene	21.755	228	390618	13.524	ng/u1	98
90) Benzo(b)fluoranthene	23.917	252	550920	17.502	ng/u1	97
91) Benzo(k)fluoranthene	23.981	252	212289m	6.558	ng/u1	
93) Benzo(a)pyrene	24.786	252	200098	6.603	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.629	276	194978m	5.163	ng/u1	
95) Dibenzo(a,h)anthracene	28.676	278	75324m	2.399	ng/u1	

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

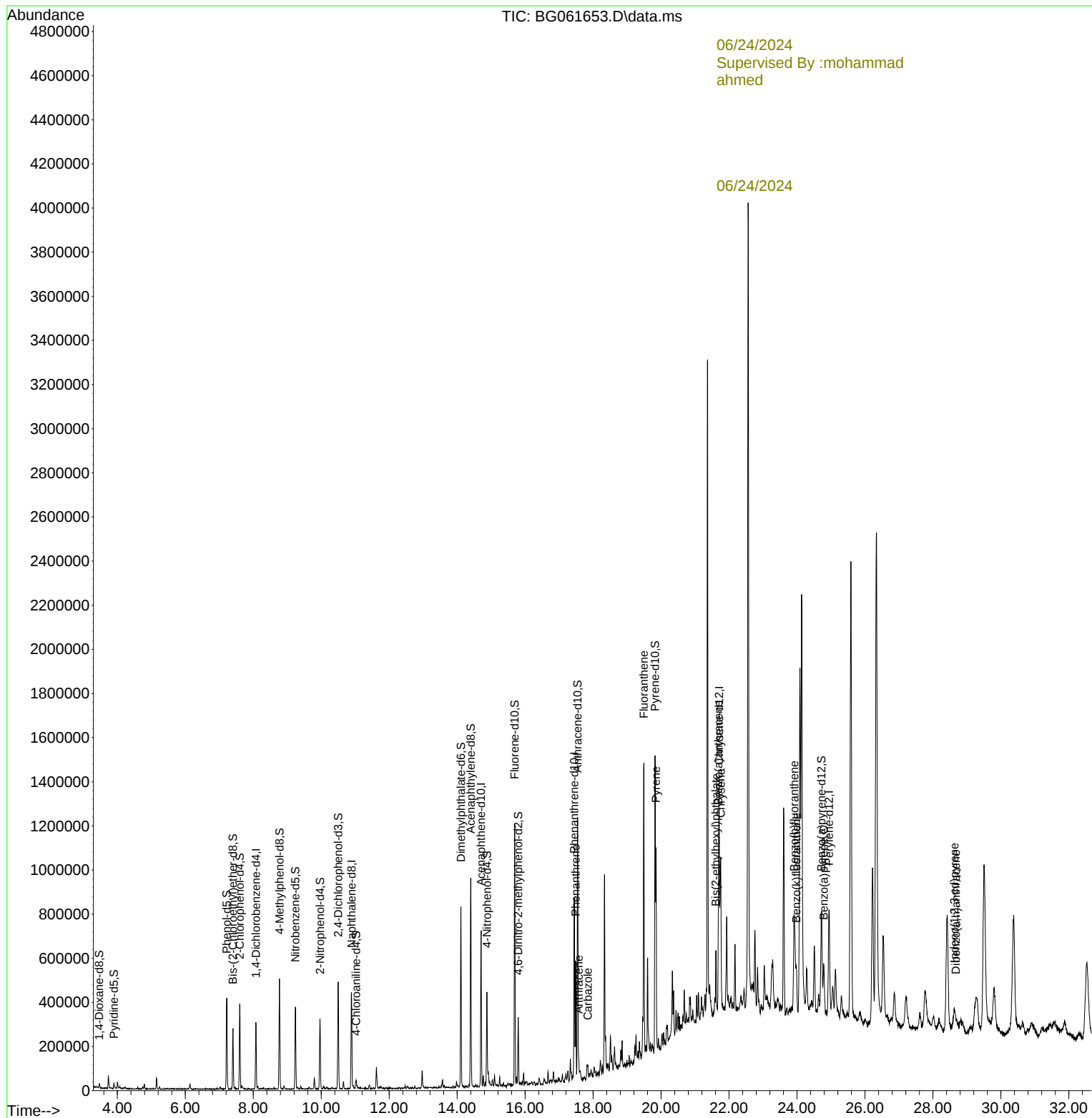
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061653.D
Acq On : 22 Jun 2024 17:50
Operator : MA/JU
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ALS Vial : 13 Sample Multiplier: 1

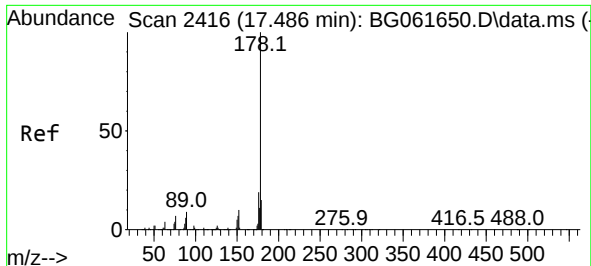
Instrument :
BNA_G
ClientSampleId :
A4C76

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Quant Title : SVOA CALIBRATION
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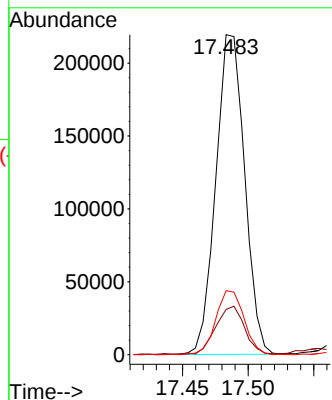
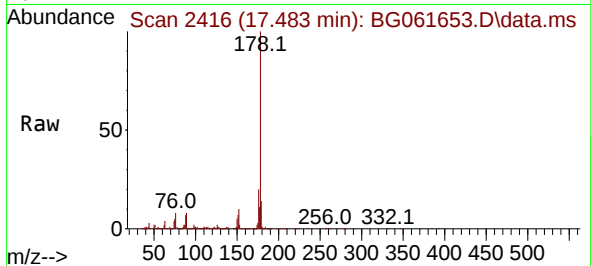
#72
Phenanthrene
Concen: 12.634 ng/ul
RT: 17.483 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG061653.D
Acq: 22 Jun 2024 17:50

Instrument :
BNA_G
ClientSampleId :
A4C76

Tgt Ion:178 Resp: 33503
Ion Ratio Lower Upper
178 100
179 14.1 12.0 18.0
176 20.0 16.2 24.2

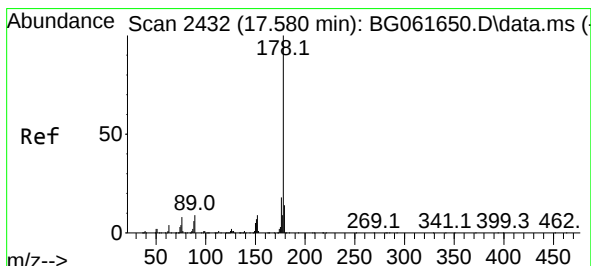
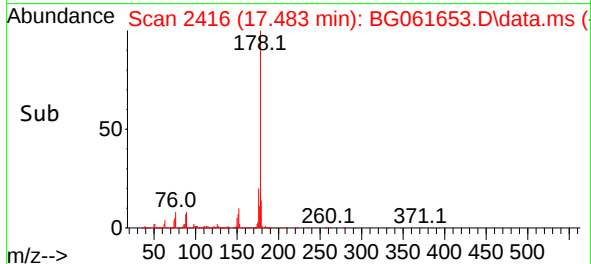
Manual Integrations
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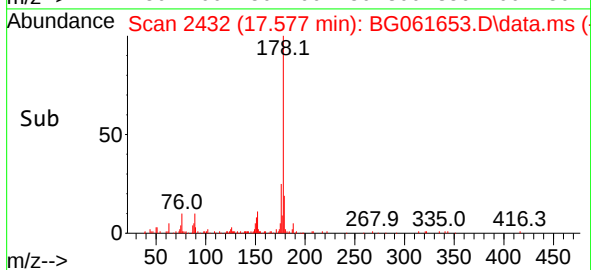
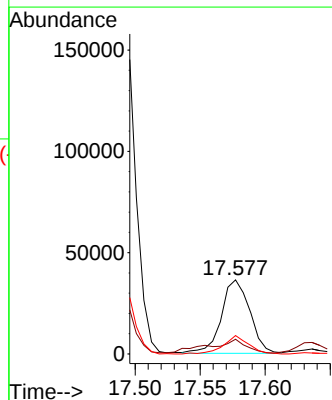
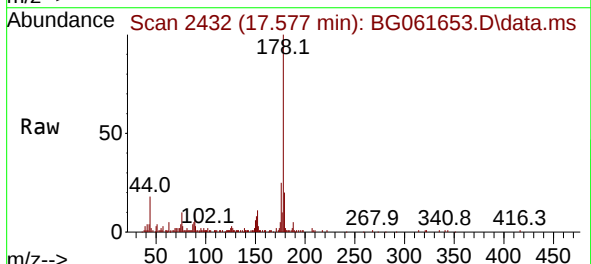
06/24/2024
Supervised By :mohammad
ahmed

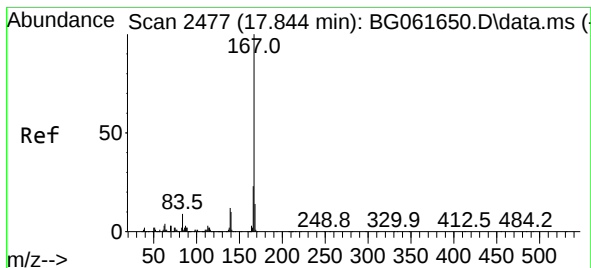
06/24/2024



#74
Anthracene
Concen: 2.037 ng/ul m
RT: 17.577 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BG061653.D
Acq: 22 Jun 2024 17:50

Tgt Ion:178 Resp: 55230
Ion Ratio Lower Upper
178 100
179 19.9 11.4 17.2#
176 24.8 14.7 22.1#





#77

Carbazole

Concen: 1.590 ng/ul

RT: 17.842 min Scan# 2477

Delta R.T. 0.000 min

Lab File: BG061653.D

Acq: 22 Jun 2024 17:50

Instrument :

BNA_G

ClientSampleId :

A4C76

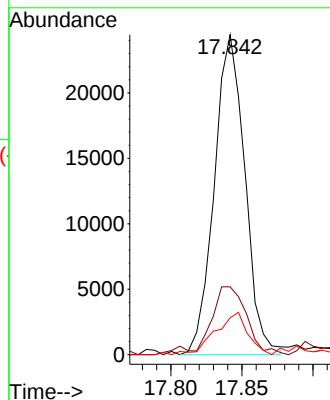
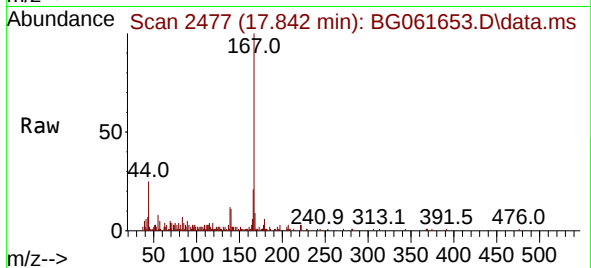
Tgt Ion:167	Resp:	36600
Ion Ratio	Lower	Upper
167	100	
166	21.2	17.5 26.3
139	11.5	9.4 14.2

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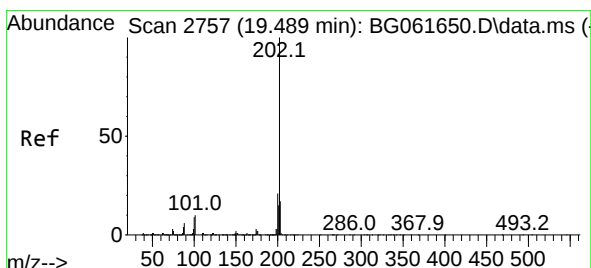
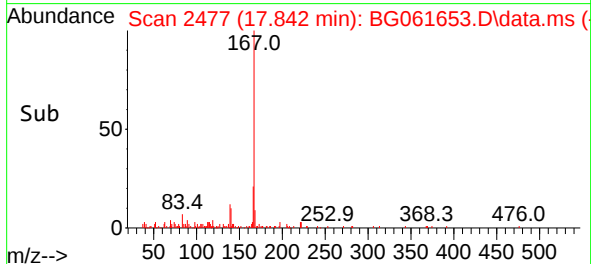
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#80

Fluoranthene

Concen: 25.944 ng/ul

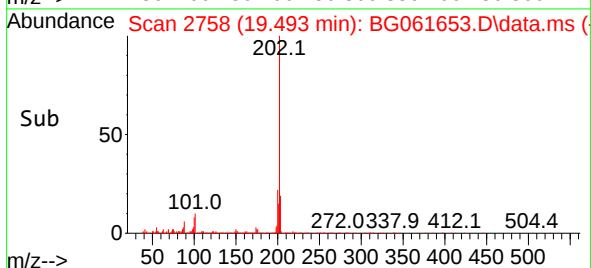
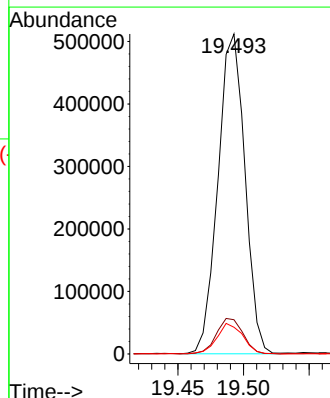
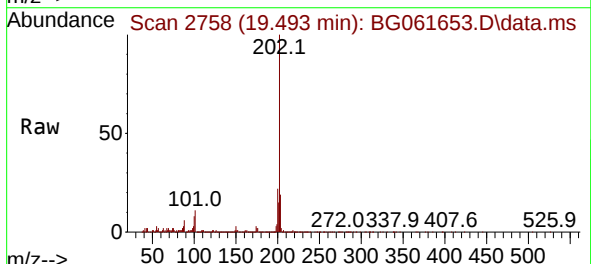
RT: 19.493 min Scan# 2758

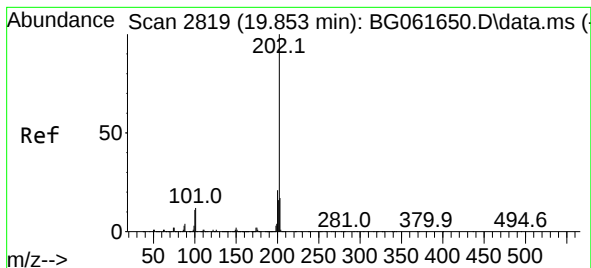
Delta R.T. 0.000 min

Lab File: BG061653.D

Acq: 22 Jun 2024 17:50

Tgt Ion:202	Resp:	731226
Ion Ratio	Lower	Upper
202	100	
101	10.7	7.8 11.6
100	8.4	7.7 11.5





#82

Pyrene

Concen: 18.150 ng/u1

RT: 19.851 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG061653.D

Acq: 22 Jun 2024 17:50

Instrument :

BNA_G

ClientSampleId :

A4C76

Tgt Ion:202 Resp: 543930

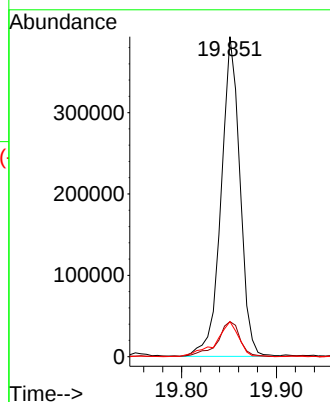
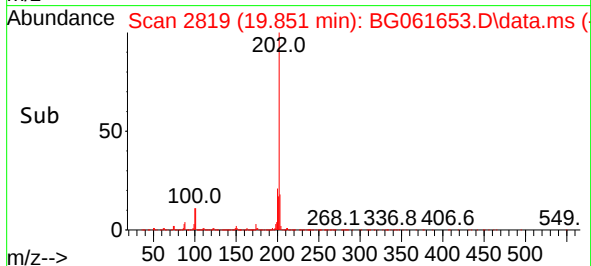
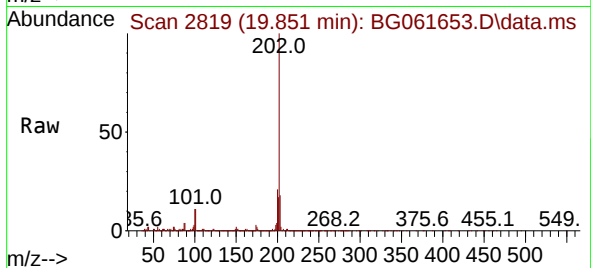
Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.1	15.1
100	10.9	9.9	14.9

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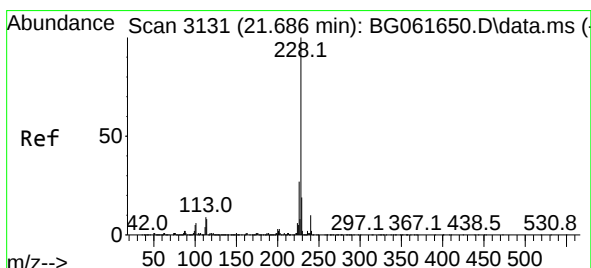
Supervised By :mohammad ahmed 06/24/2024



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ahmed

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#85

Benzo(a)anthracene

Concen: 11.029 ng/u1

RT: 21.690 min Scan# 3132

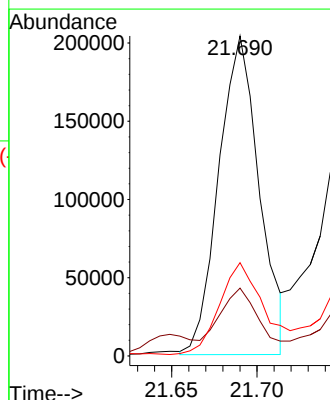
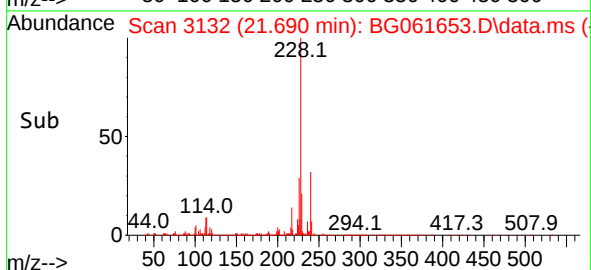
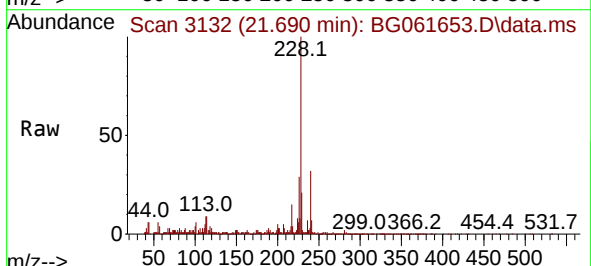
Delta R.T. 0.000 min

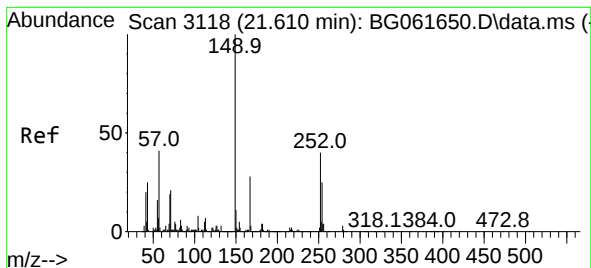
Lab File: BG061653.D

Acq: 22 Jun 2024 17:50

Tgt Ion:228 Resp: 336665

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	29.2	21.4	32.2





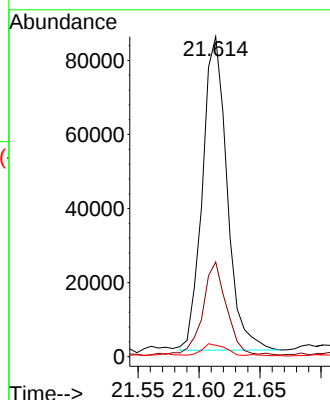
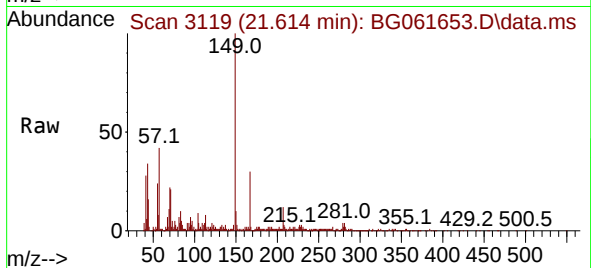
#86
Bis(2-ethylhexyl)phthalate
Concen: 7.423 ng/ul
RT: 21.614 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BG061653.D
Acq: 22 Jun 2024 17:50

Instrument :
BNA_G
ClientSampleId :
A4C76

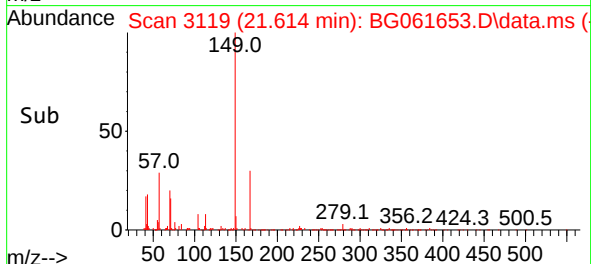
Tgt Ion:149 Resp: 119054
Ion Ratio Lower Upper
149 100
167 29.6 20.5 30.7
279 3.6 2.9 4.3

Manual Integrations
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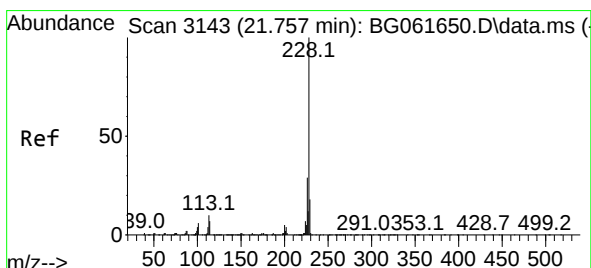
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



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Supervised By :mohammad
ahmed

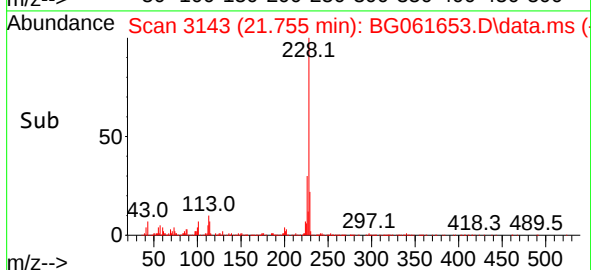
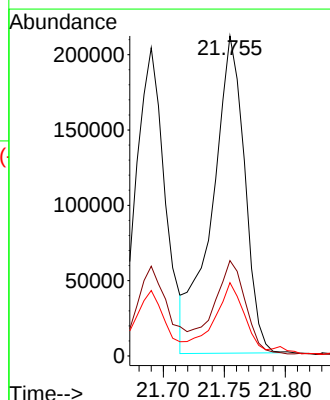
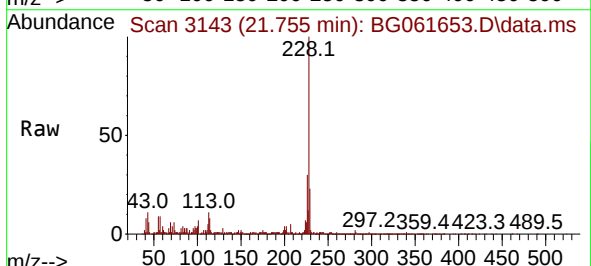


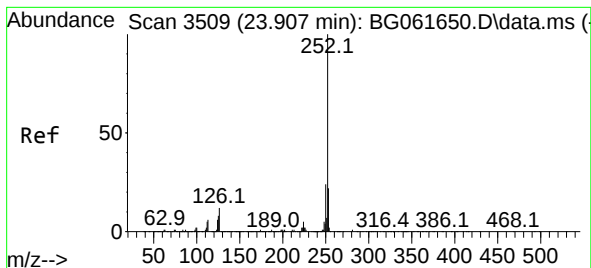
06/24/2024



#87
Chrysene
Concen: 13.524 ng/ul
RT: 21.755 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG061653.D
Acq: 22 Jun 2024 17:50

Tgt Ion:228 Resp: 390618
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 22.9 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 17.502 ng/ul

RT: 23.917 min Scan# 3511

Delta R.T. 0.000 min

Lab File: BG061653.D

Acq: 22 Jun 2024 17:50

Instrument :

BNL_G

ClientSampleId :

A4C76

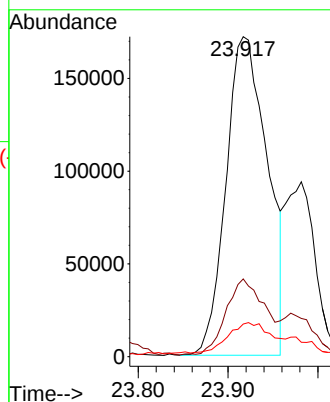
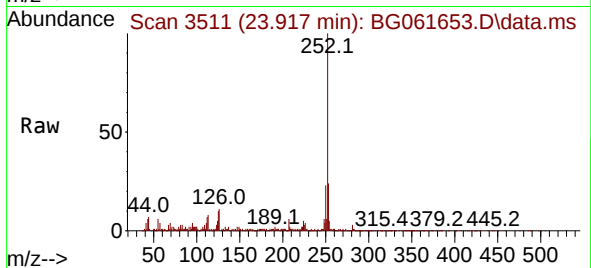
Tgt Ion:	252	Resp:	550920
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.6	27.8
125	10.2	7.0	10.6

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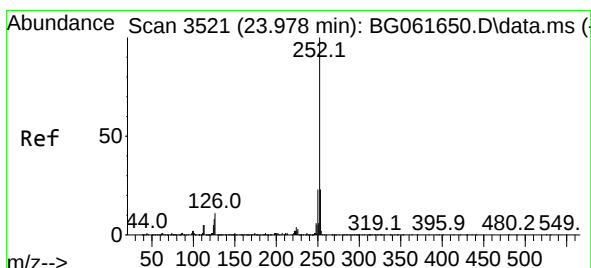
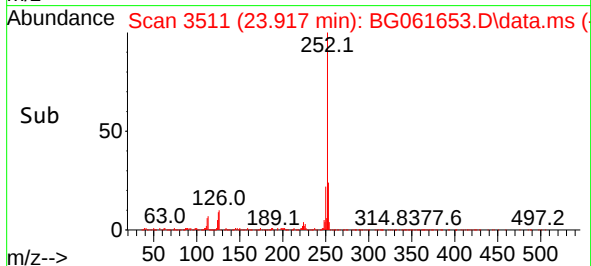
Supervised By :mohammad ahmed 06/24/2024



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#91

Benzo(k)fluoranthene

Concen: 6.558 ng/ul m

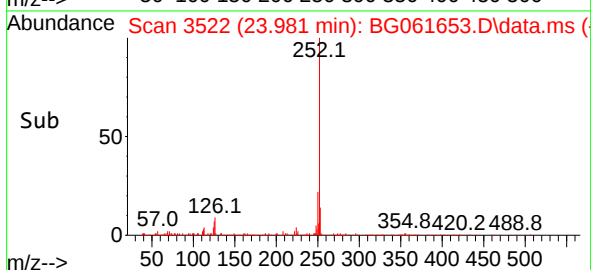
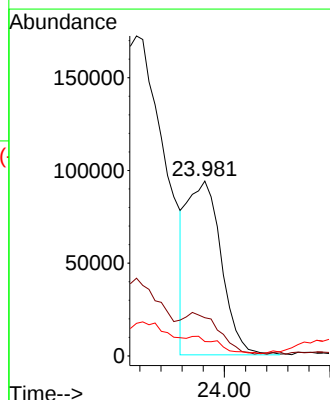
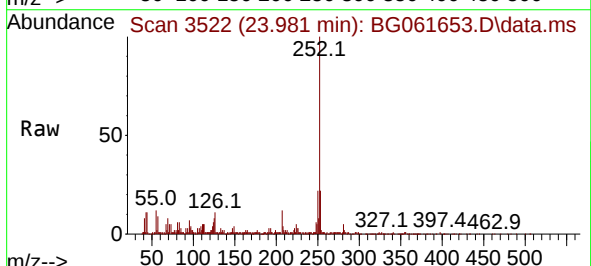
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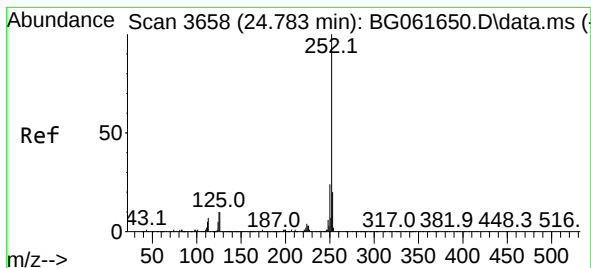
Delta R.T. 0.000 min

Lab File: BG061653.D

Acq: 22 Jun 2024 17:50

Tgt Ion:	252	Resp:	212289
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	8.2	6.2	9.2





#93

Benzo(a)pyrene

Concen: 6.603 ng/ul

RT: 24.786 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG061653.D

Acq: 22 Jun 2024 17:50

Instrument :

BNA_G

ClientSampleId :

A4C76

Tgt Ion:252 Resp: 200098

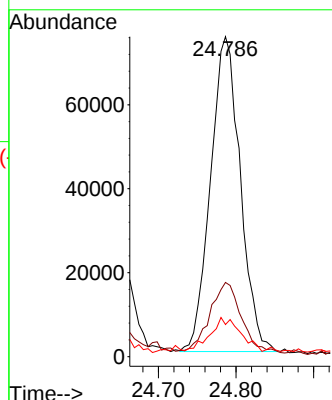
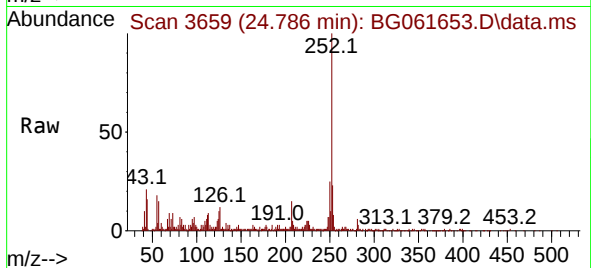
Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.8	25.2
125	10.1	6.5	9.7

Manual Integrations

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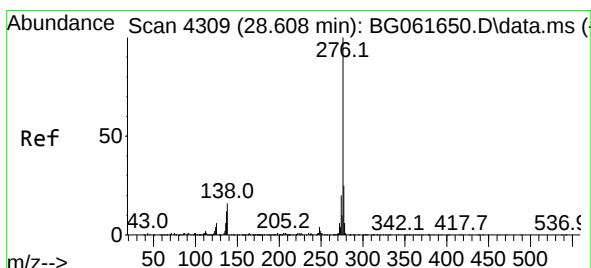
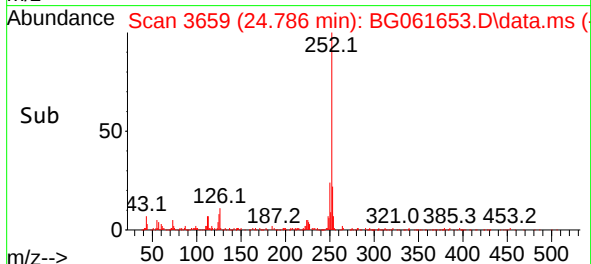
Supervised By :mohammad ahmed 06/24/2024



06/24/2024

Supervised By :mohammad
ahmed

06/24/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.163 ng/ul m

RT: 28.629 min Scan# 4313

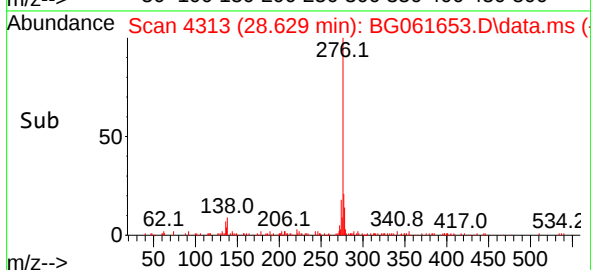
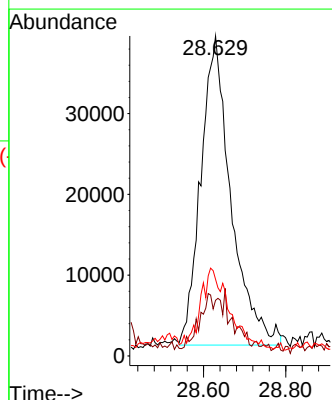
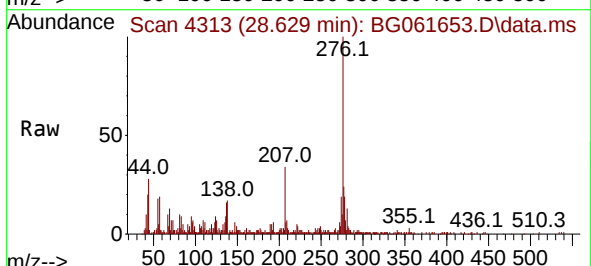
Delta R.T. 0.012 min

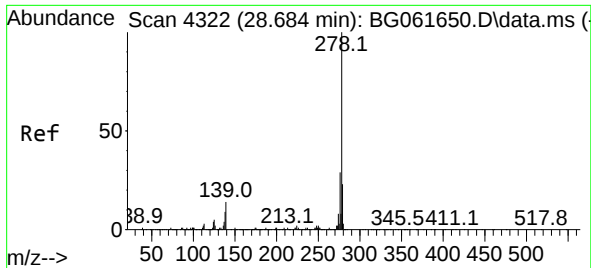
Lab File: BG061653.D

Acq: 22 Jun 2024 17:50

Tgt Ion:276 Resp: 194978

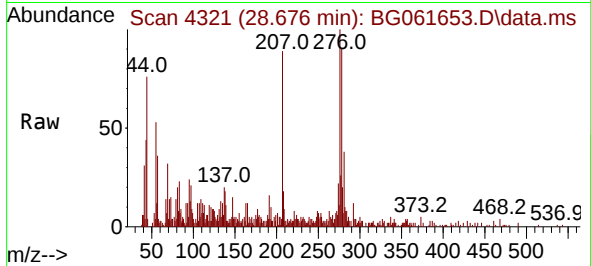
Ion	Ratio	Lower	Upper
276	100		
138	17.4	12.2	18.4
277	23.9	19.7	29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 2.399 ng/ul m
 RT: 28.676 min Scan# 4
 Delta R.T. -0.023 min
 Lab File: BG061653.D
 Acq: 22 Jun 2024 17:50

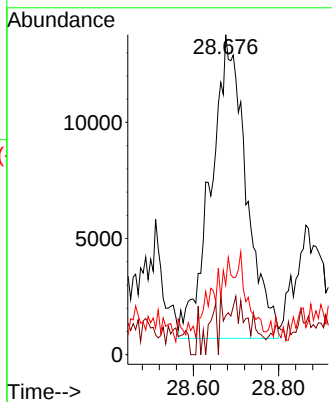
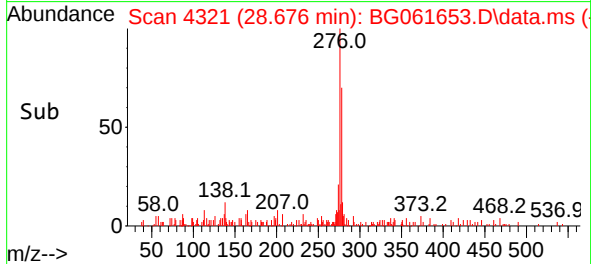
Instrument :
 BNA_G
 ClientSampleId :
 A4C76



Tgt Ion:278 Resp: 75324
 Ion Ratio Lower Upper
 278 100
 139 12.2 9.1 13.7
 279 21.8 18.6 28.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024



06/24/2024
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 ahmed

06/24/2024