

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

Quant Time: Jun 23 00:16:44 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)

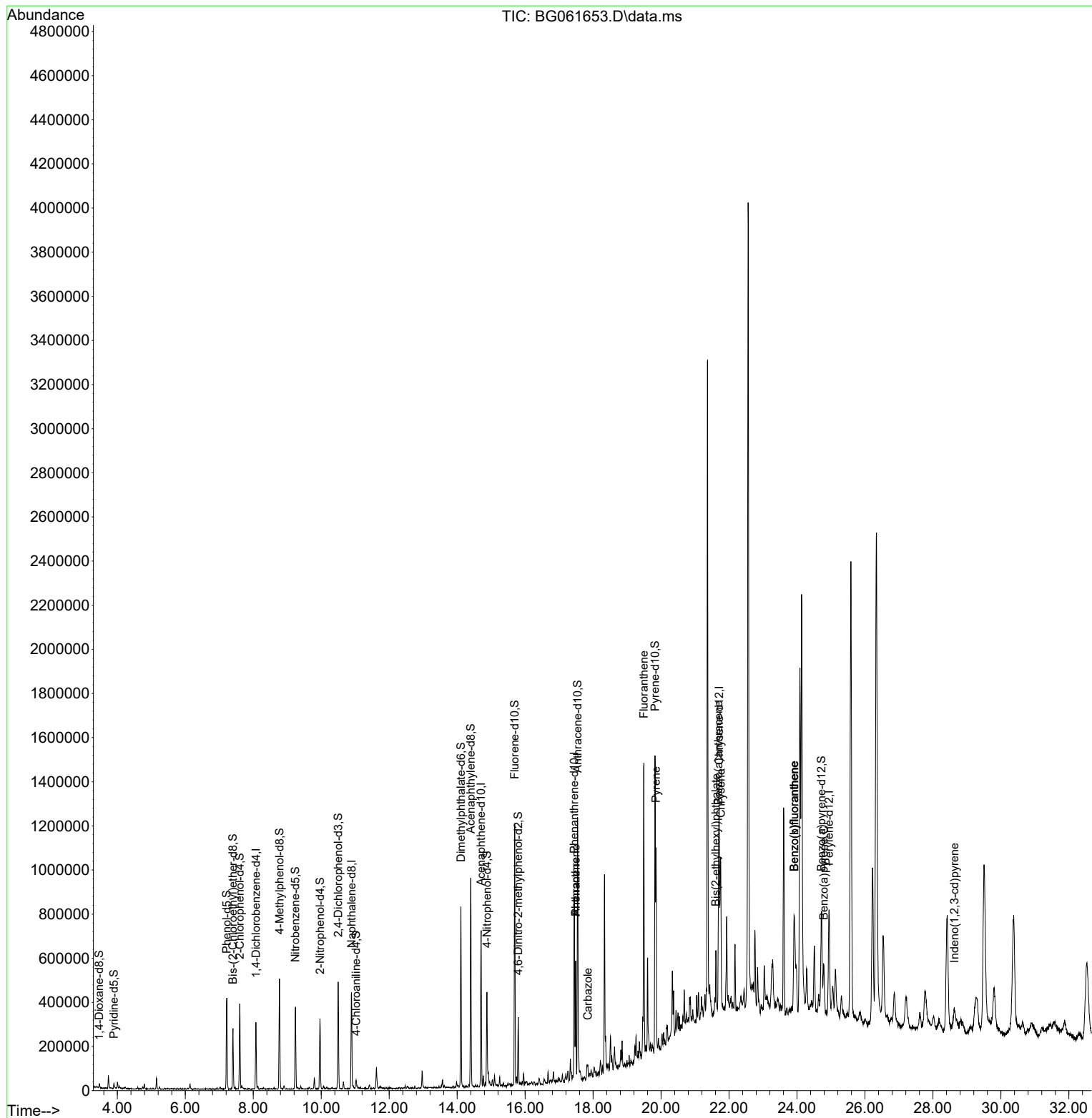
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	74066	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	350490	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	237974	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	504073	20.000	ng/ul	0.00
79) Chrysene-d12	21.708	240	434870	20.000	ng/ul	# 0.00
88) Perylene-d12	24.939	264	523647	20.000	ng/ul	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/ul	0.01
7) Phenol-d5	7.219	99	218777	27.209	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	127513	25.440	ng/ul	0.00
11) 2-Chlorophenol-d4	7.601	132	156387	28.343	ng/ul	0.00
15) 4-Methylphenol-d8	8.770	113	170327	27.402	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	74119	31.145	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	86409	35.850	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	170708	29.911	ng/ul	0.00
31) 4-Chloroaniline-d4	11.026	131	22613	2.617	ng/ul	0.01
46) Dimethylphthalate-d6	14.111	166	523917	28.609	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	605517	30.171	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	80343	25.545	ng/ul	0.00
60) Fluorene-d10	15.691	176	463771	28.928	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	59021	27.382	ng/ul	0.00
73) Anthracene-d10	17.542	188	692380	30.092	ng/ul	0.00
81) Pyrene-d10	19.822	212	653846	26.917	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.716	264	498656	19.938	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.483	178	335031	12.634	ng/ul	99
74) Anthracene	17.483	178	335221	12.361	ng/ul	98
77) Carbazole	17.842	167	36600	1.590	ng/ul	99
80) Fluoranthene	19.493	202	731226	25.944	ng/ul	97
82) Pyrene	19.851	202	543936	18.150	ng/ul	96
85) Benzo(a)anthracene	21.690	228	336665	11.029	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.614	149	119054	7.423	ng/ul	93
87) Chrysene	21.755	228	390618	13.524	ng/ul	98
90) Benzo(b)fluoranthene	23.917	252	550920	17.502	ng/ul	97
91) Benzo(k)fluoranthene	23.917	252	550920	17.018	ng/ul#	95
93) Benzo(a)pyrene	24.786	252	200098	6.603	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.629	276	185699	4.917	ng/ul	97

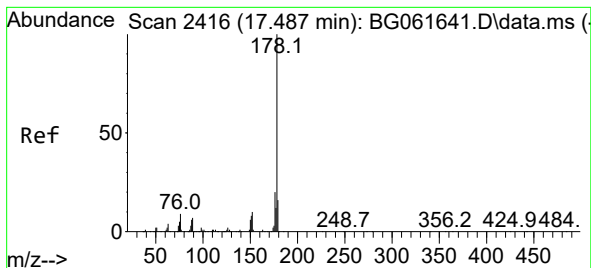
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_G
ClientSampleId :
A4C76

Quant Time: Jun 23 00:16:44 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





#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

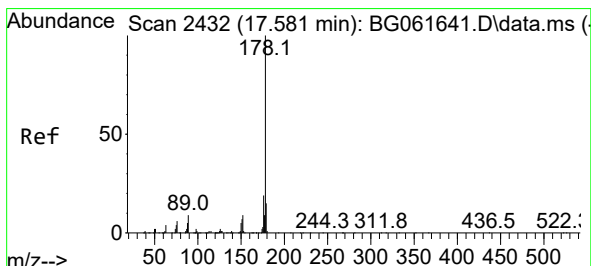
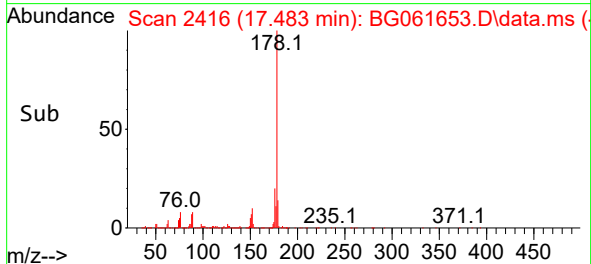
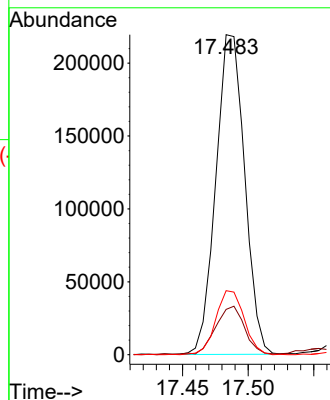
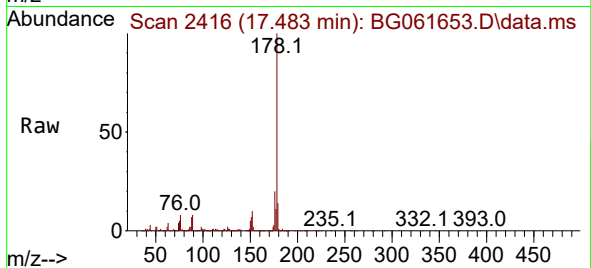
Tgt Ion:178 Resp: 335031

Ion Ratio Lower Upper

178 100

179 14.1 12.0 18.0

176 20.0 16.2 24.2



#74

Anthracene

Concen: 12.361 ng/ul

RT: 17.483 min Scan# 2416

Delta R.T. -0.094 min

Lab File: BG061653.D

Acq: 22 Jun 2024 17:50

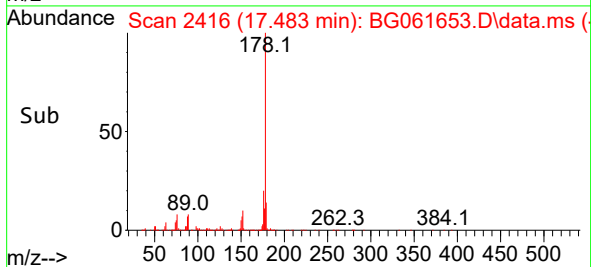
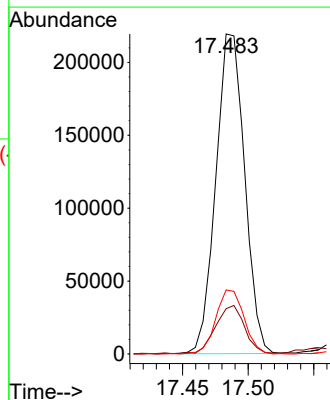
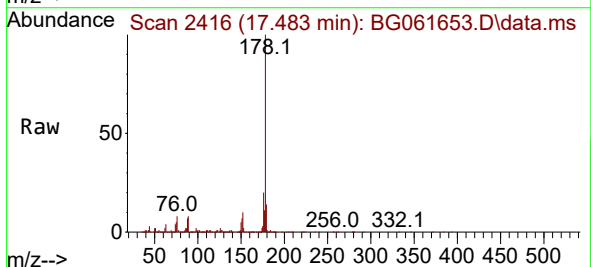
Tgt Ion:178 Resp: 335221

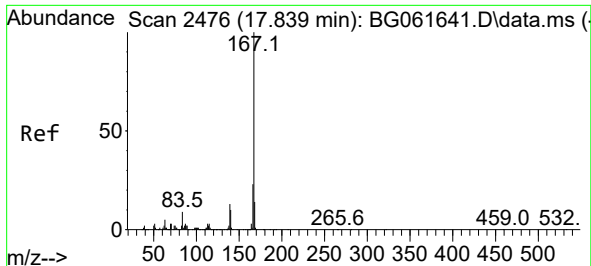
Ion Ratio Lower Upper

178 100

179 14.1 11.4 17.2

176 20.0 14.7 22.1

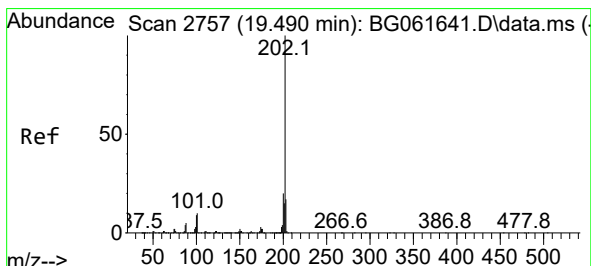
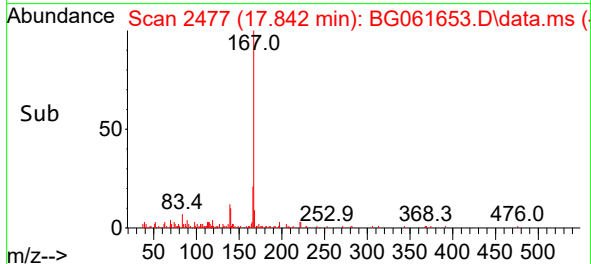
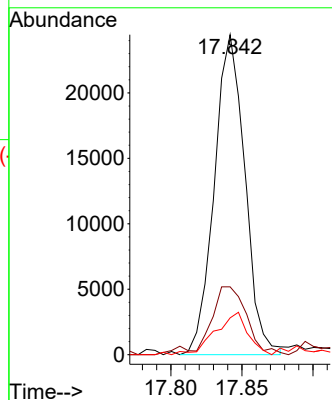
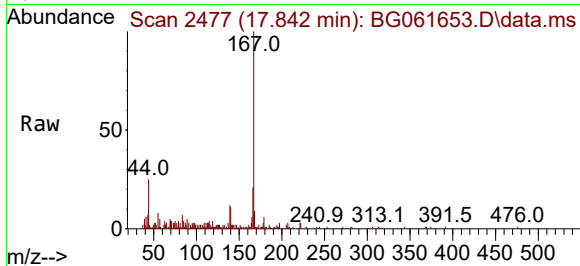




#77
 Carbazole
 Concen: 1.590 ng/ul
 RT: 17.842 min Scan# 2476
 Delta R.T. 0.000 min
 Lab File: BG061653.D
 Acq: 22 Jun 2024 17:50

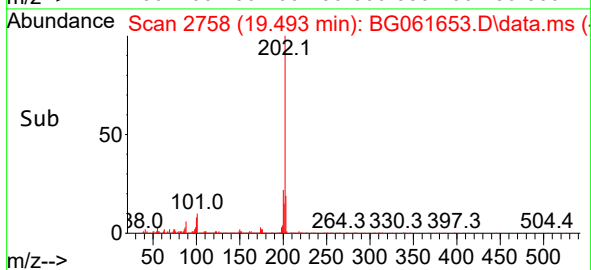
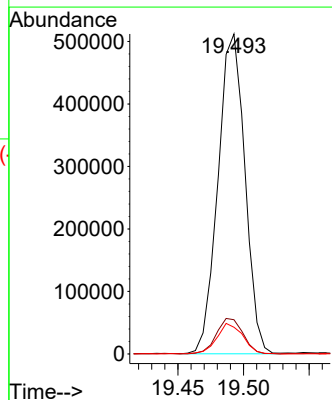
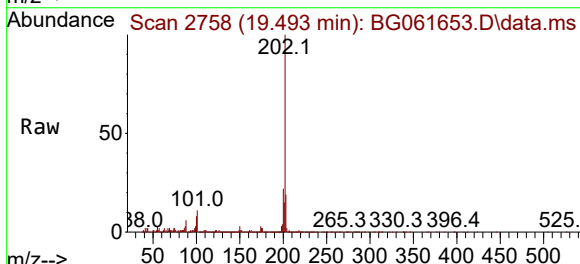
Instrument :
 BNA_G
 ClientSampleId :
 A4C76

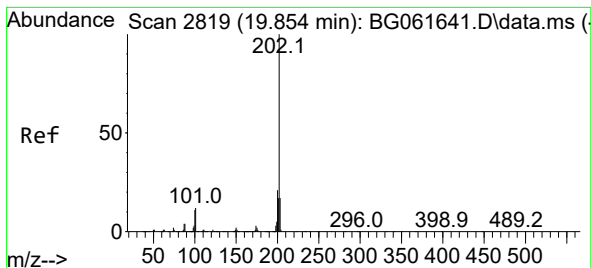
Tgt Ion:167 Resp: 36600
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.5 26.3
 139 11.5 9.4 14.2



#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/ul

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

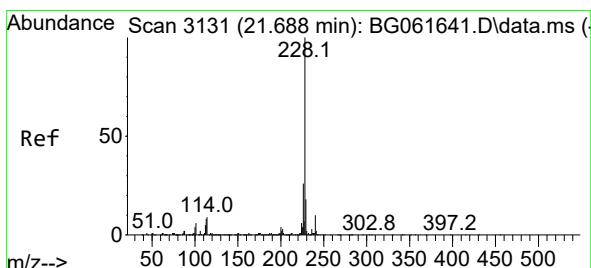
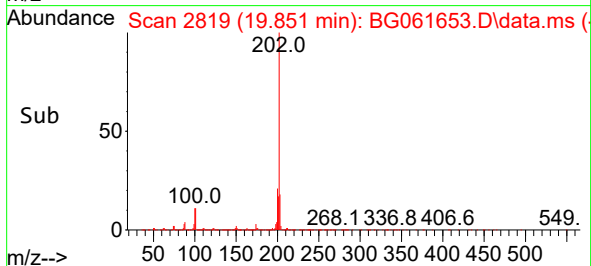
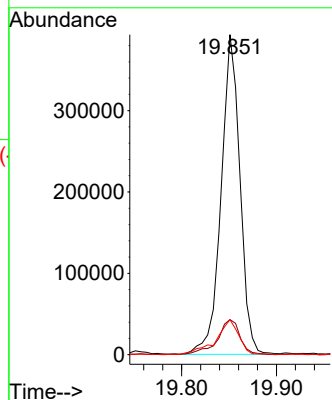
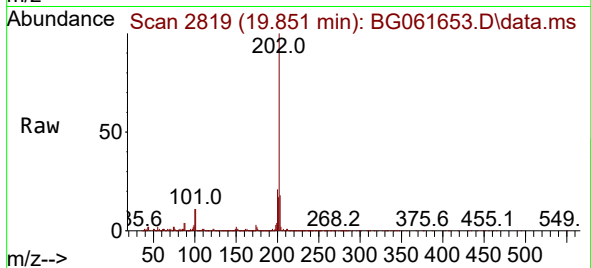
Tgt Ion:202 Resp: 543936

Ion Ratio Lower Upper

202 100

101 11.0 10.1 15.1

100 10.9 9.9 14.9



#85

Benzo(a)anthracene

Concen: 11.029 ng/ul

RT: 21.690 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BG061653.D

Acq: 22 Jun 2024 17:50

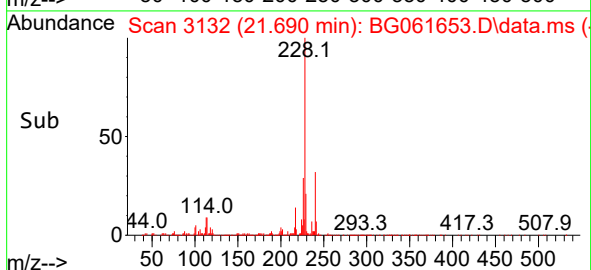
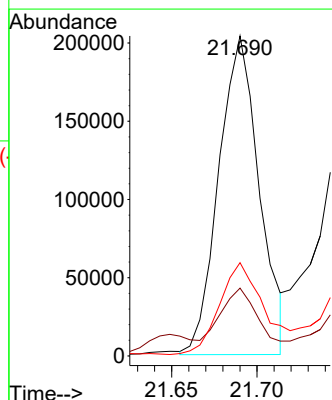
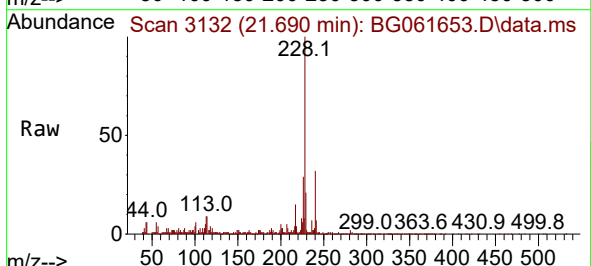
Tgt Ion:228 Resp: 336665

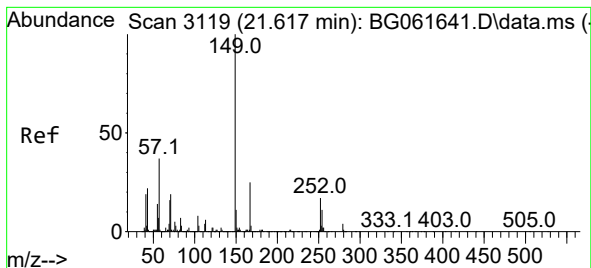
Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.8

226 29.2 21.4 32.2

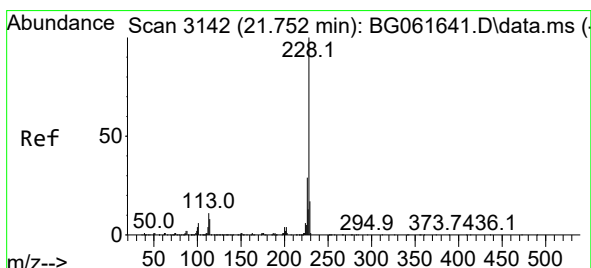
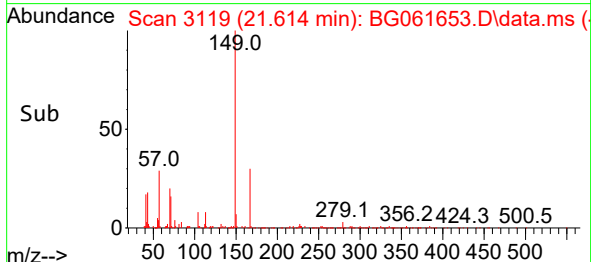
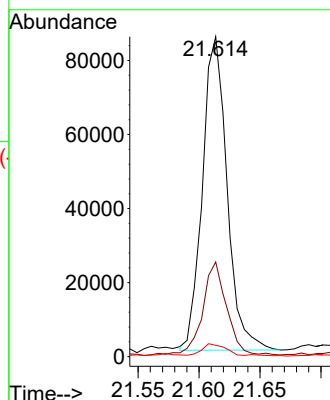
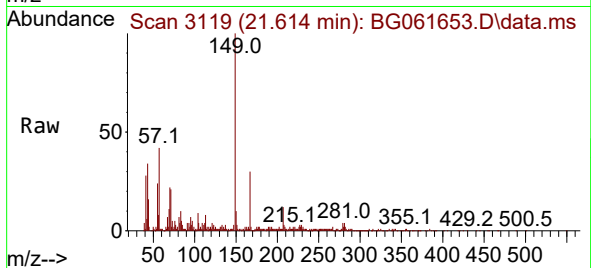




#86
Bis(2-ethylhexyl)phthalate
Concen: 7.423 ng/ul
RT: 21.614 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BG061653.D
Acq: 22 Jun 2024 17:50

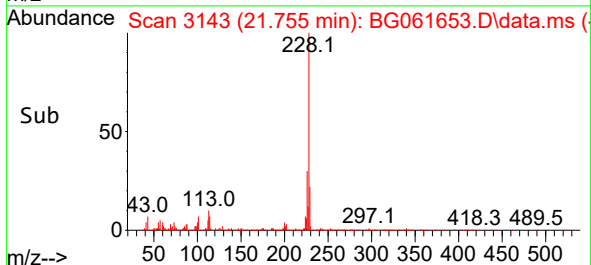
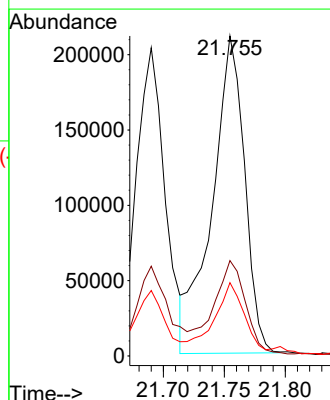
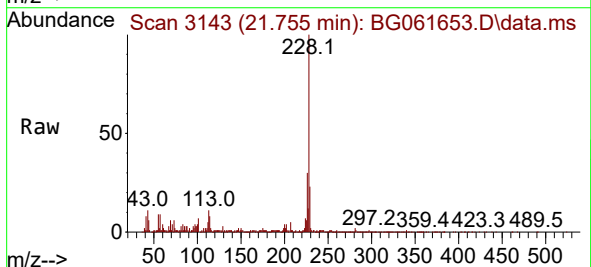
Instrument :
BNA_G
ClientSampleId :
A4C76

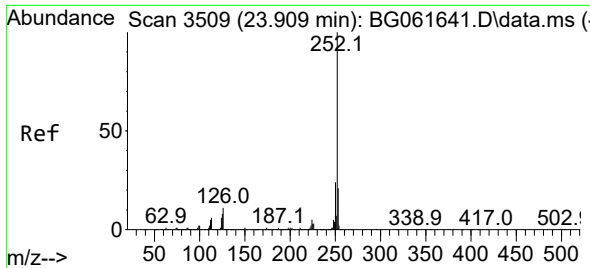
Tgt Ion:149 Resp: 119054
Ion Ratio Lower Upper
149 100
167 29.6 20.5 30.7
279 3.6 2.9 4.3



#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

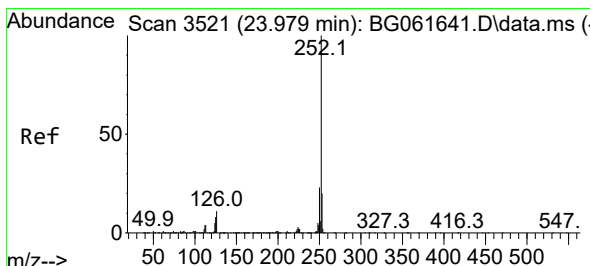
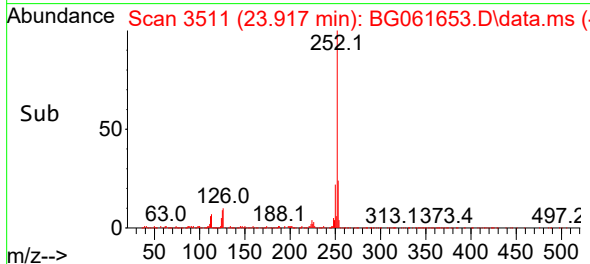
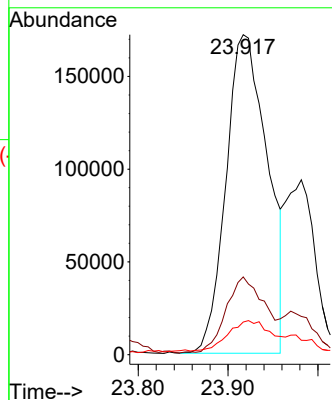
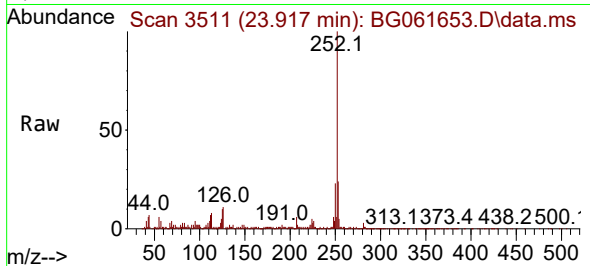




#90
Benzo(b)fluoranthene
Concen: 17.502 ng/ul
RT: 23.917 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BG061653.D
Acq: 22 Jun 2024 17:50

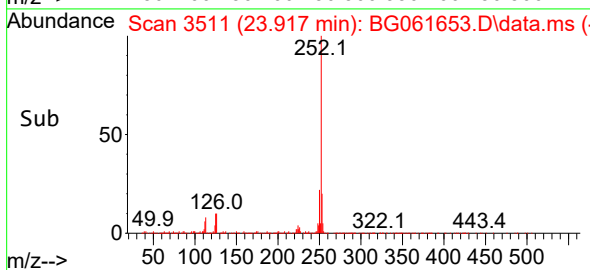
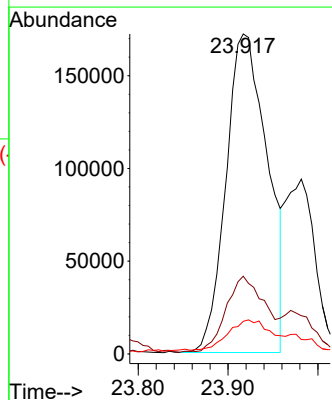
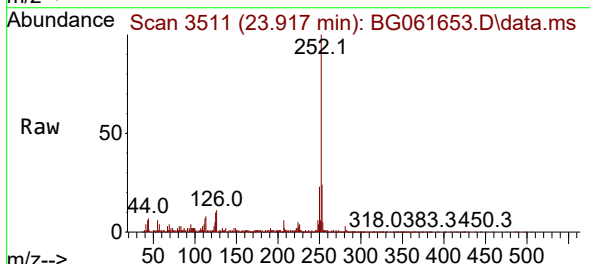
Instrument :
BNA_G
ClientSampleId :
A4C76

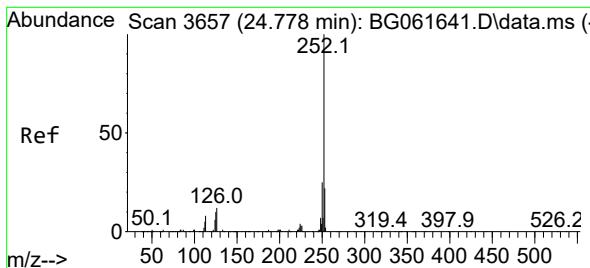
Tgt Ion:252 Resp: 550920
Ion Ratio Lower Upper
252 100
253 24.3 18.6 27.8
125 10.2 7.0 10.6



#91
Benzo(k)fluoranthene
Concen: 17.018 ng/ul
RT: 23.917 min Scan# 3511
Delta R.T. -0.064 min
Lab File: BG061653.D
Acq: 22 Jun 2024 17:50

Tgt Ion:252 Resp: 550920
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 10.2 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

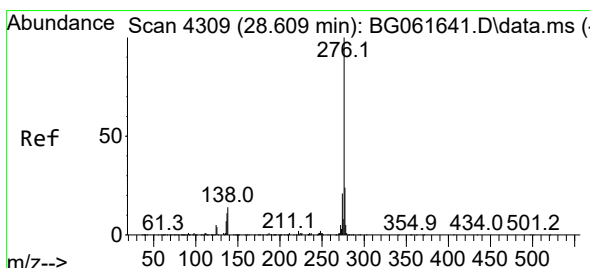
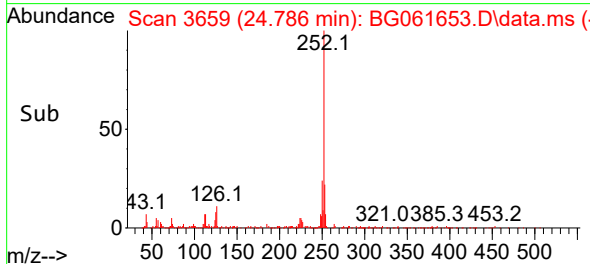
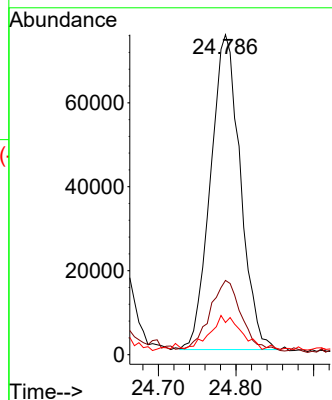
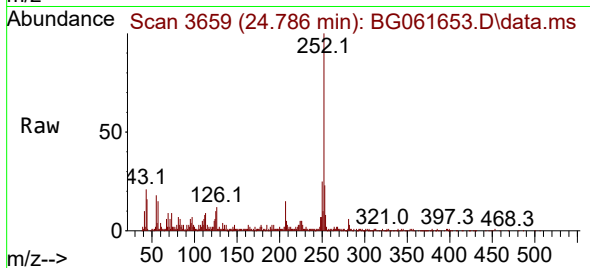
Tgt Ion:252 Resp: 200098

Ion Ratio Lower Upper

252 100

253 23.2 16.8 25.2

125 10.1 6.5 9.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.917 ng/ul

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: 185699

Ion Ratio Lower Upper

276 100

138 17.4 12.2 18.4

277 23.9 19.7 29.5

