

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061657.D
 Acq On : 22 Jun 2024 20:33
 Operator : MA/JU
 Sample : P2776-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CA5

Quant Time: Jun 23 00:17:31 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

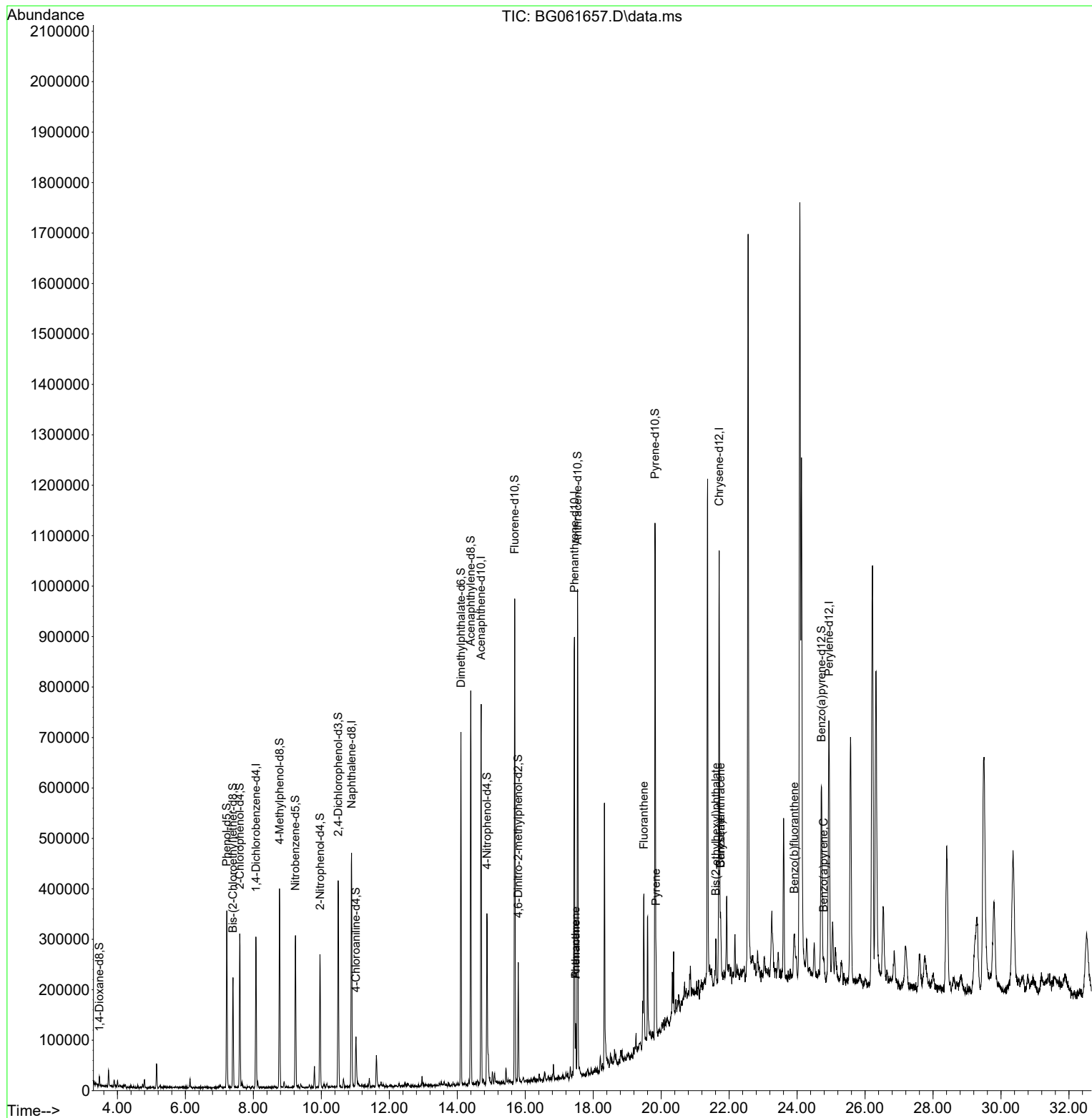
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	71138	20.000	ng/ul	0.00
20) Naphthalene-d8	10.890	136	362901	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	248976	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	535508	20.000	ng/ul	0.00
79) Chrysene-d12	21.707	240	463115	20.000	ng/ul	0.00
88) Perylene-d12	24.939	264	563073	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	6955	3.532	ng/uL	0.00
4) Pyridine-d5	3.899	84	5408	0.908	ng/ul	0.01
7) Phenol-d5	7.218	99	179787	23.280	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	102137	21.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	124075	23.412	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	138168	23.143	ng/ul	0.00
21) Nitrobenzene-d5	9.239	128	61768	25.067	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	70609	28.293	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	139646	23.631	ng/ul	0.00
31) 4-Chloroaniline-d4	11.020	131	55536	6.207	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	434630	22.685	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	497812	23.708	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	65556	19.923	ng/ul	0.00
60) Fluorene-d10	15.691	176	386152	23.022	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.796	200	42085	18.379	ng/ul	0.00
73) Anthracene-d10	17.541	188	569917	23.315	ng/ul	0.00
81) Pyrene-d10	19.821	212	553507	21.397	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.715	264	401237	14.920	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.483	178	59323	2.106	ng/ul	97
74) Anthracene	17.483	178	59323	2.059	ng/ul	99
80) Fluoranthene	19.492	202	127468	4.247	ng/ul	98
82) Pyrene	19.850	202	96554	3.025	ng/ul	99
85) Benzo(a)anthracene	21.748	228	72786	2.239	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.613	149	33529	1.963	ng/ul	92
87) Chrysene	21.748	228	71597	2.328	ng/ul	96
90) Benzo(b)fluoranthene	23.916	252	93757	2.770	ng/ul	95
93) Benzo(a)pyrene	24.780	252	34392	1.055	ng/ul#	92

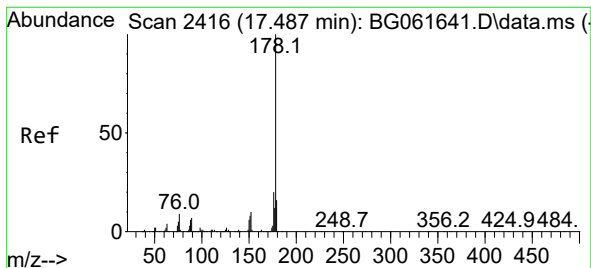
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
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#72

Phenanthrene

Concen: 2.106 ng/ul

RT: 17.483 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BG061657.D

Acq: 22 Jun 2024 20:33

Instrument :

BNA_G

ClientSampleId :

A4CA5

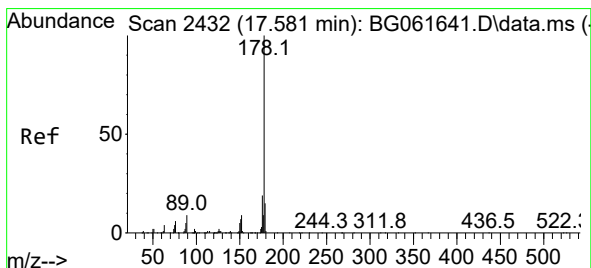
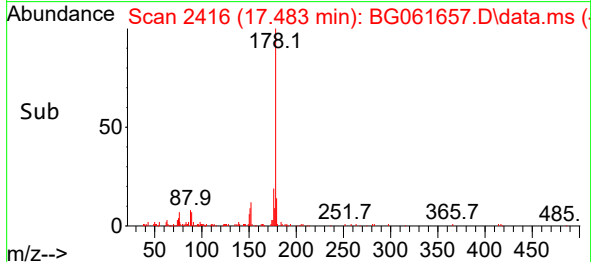
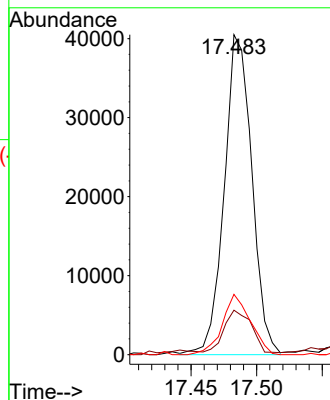
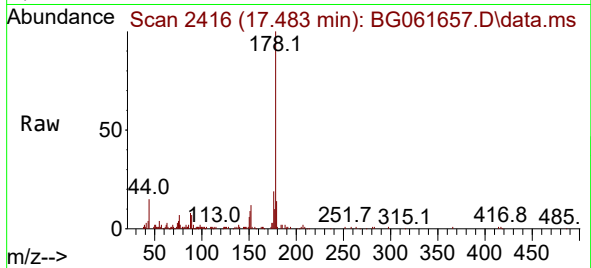
Tgt Ion:178 Resp: 59323

Ion Ratio Lower Upper

178 100

179 13.9 12.0 18.0

176 18.9 16.2 24.2



#74

Anthracene

Concen: 2.059 ng/ul

RT: 17.483 min Scan# 2416

Delta R.T. -0.094 min

Lab File: BG061657.D

Acq: 22 Jun 2024 20:33

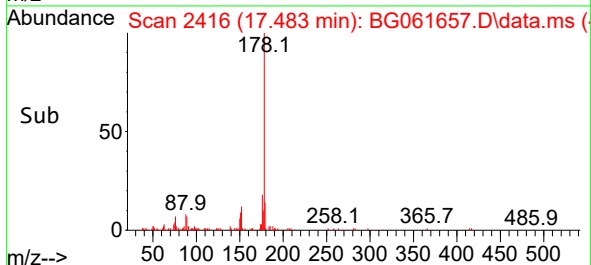
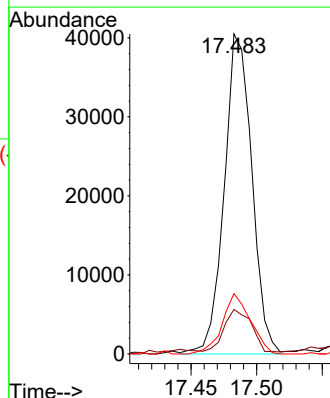
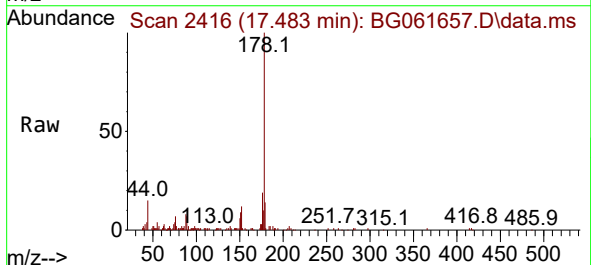
Tgt Ion:178 Resp: 59323

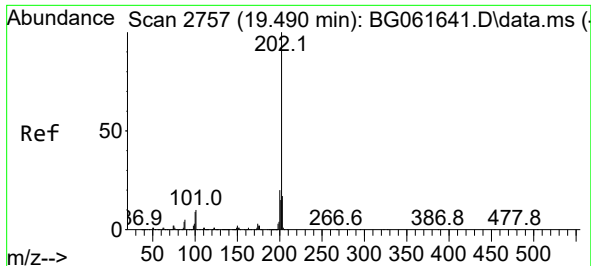
Ion Ratio Lower Upper

178 100

179 13.9 11.4 17.2

176 18.9 14.7 22.1

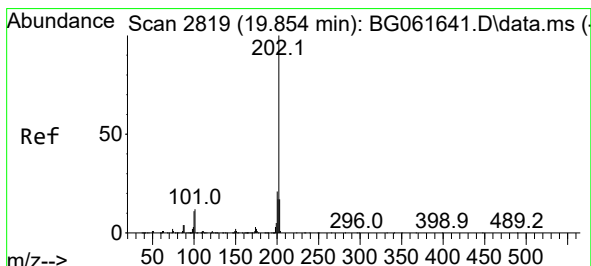
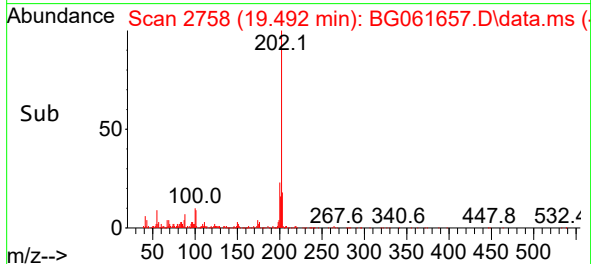
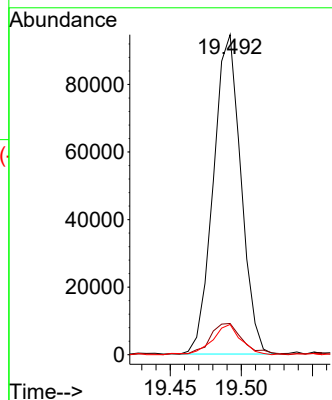
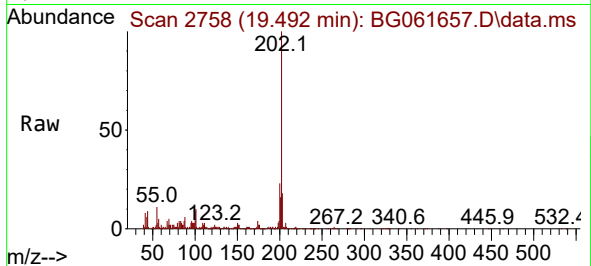




#80
Fluoranthene
Concen: 4.247 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG061657.D
Acq: 22 Jun 2024 20:33

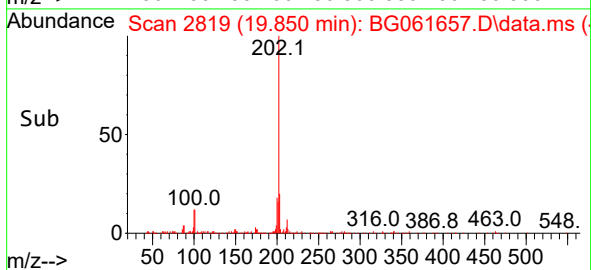
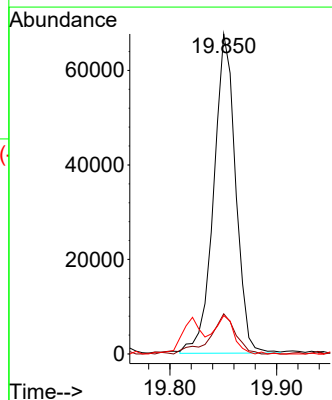
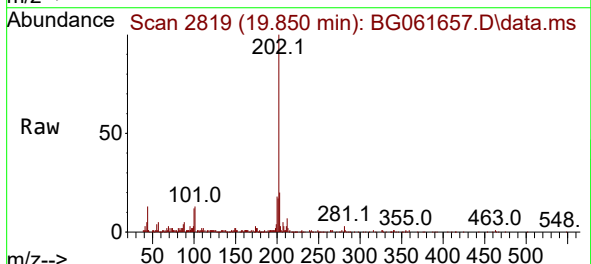
Instrument :
BNA_G
ClientSampleId :
A4CA5

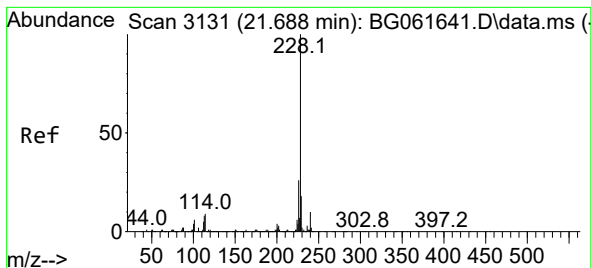
Tgt Ion:202 Resp: 127468
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.6
100 9.5 7.7 11.5



#82
Pyrene
Concen: 3.025 ng/ul
RT: 19.850 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BG061657.D
Acq: 22 Jun 2024 20:33

Tgt Ion:202 Resp: 96554
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 12.0 9.9 14.9





#85

Benzo(a)anthracene

Concen: 2.239 ng/ul

RT: 21.748 min Scan# 3142

Delta R.T. 0.058 min

Lab File: BG061657.D

Acq: 22 Jun 2024 20:33

Instrument :

BNA_G

ClientSampleId :

A4CA5

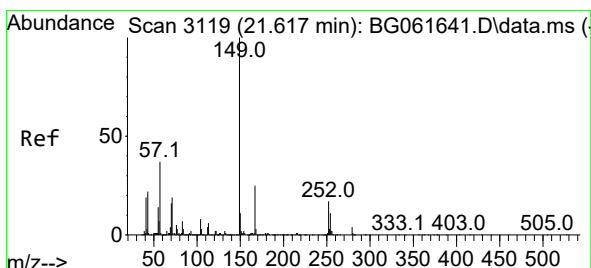
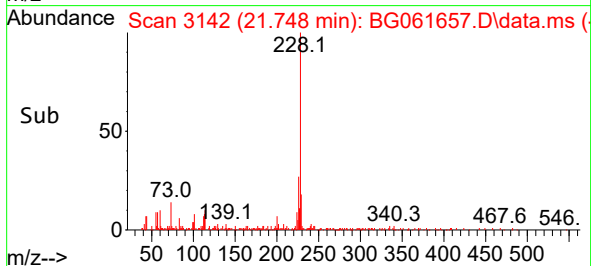
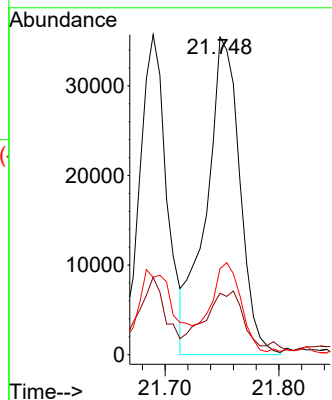
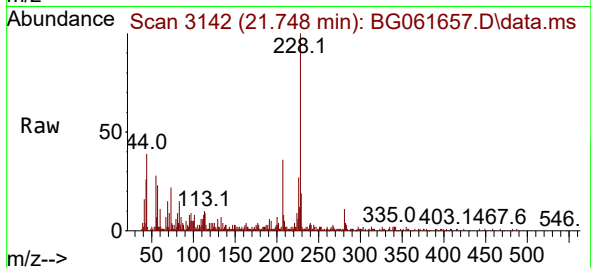
Tgt Ion:228 Resp: 72786

Ion Ratio Lower Upper

228 100

229 19.4 15.8 23.8

226 27.1 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.963 ng/ul

RT: 21.613 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BG061657.D

Acq: 22 Jun 2024 20:33

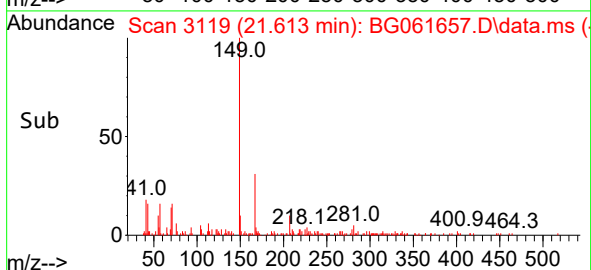
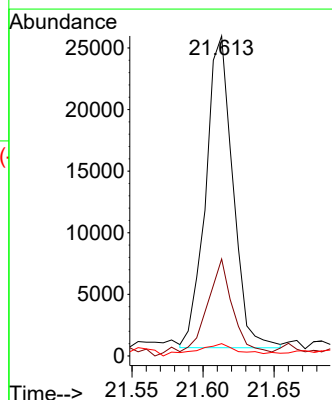
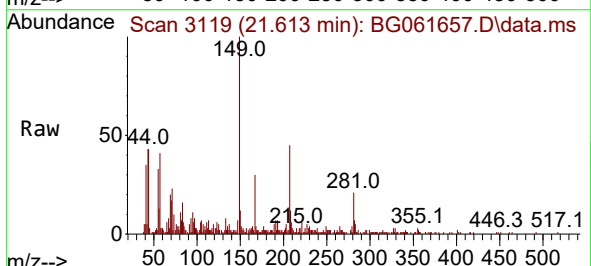
Tgt Ion:149 Resp: 33529

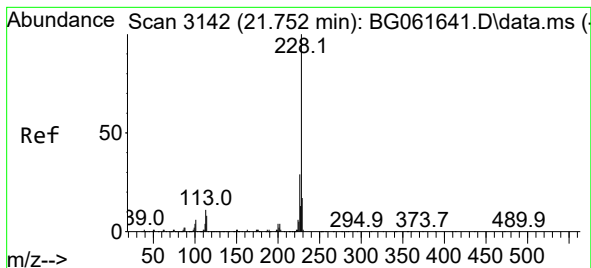
Ion Ratio Lower Upper

149 100

167 30.3 20.5 30.7

279 3.8 2.9 4.3





#87

Chrysene

Concen: 2.328 ng/ul

RT: 21.748 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG061657.D

Acq: 22 Jun 2024 20:33

Instrument :

BNA_G

ClientSampleId :

A4CA5

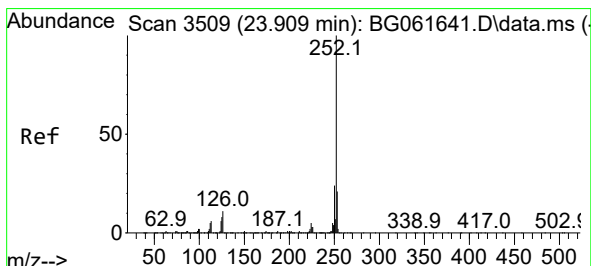
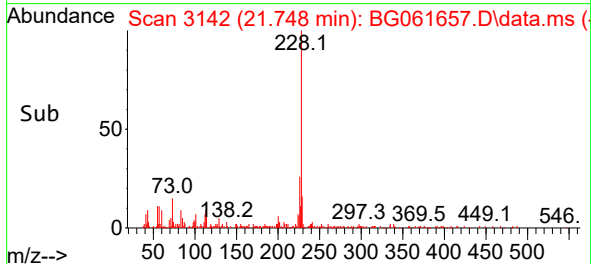
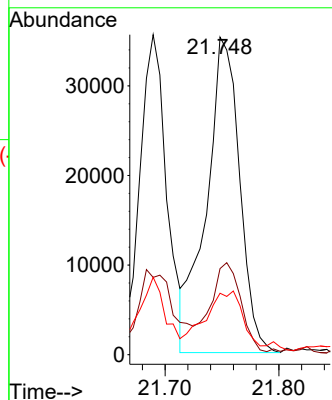
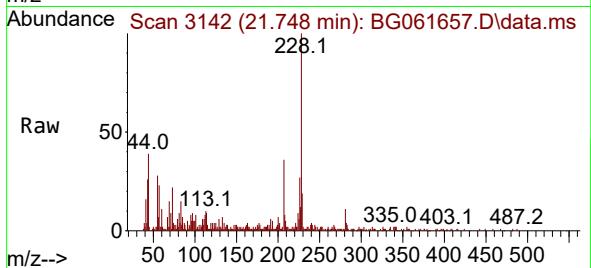
Tgt Ion:228 Resp: 71597

Ion Ratio Lower Upper

228 100

226 27.1 24.2 36.2

229 19.4 16.5 24.7



#90

Benzo(b)fluoranthene

Concen: 2.770 ng/ul

RT: 23.916 min Scan# 3511

Delta R.T. -0.000 min

Lab File: BG061657.D

Acq: 22 Jun 2024 20:33

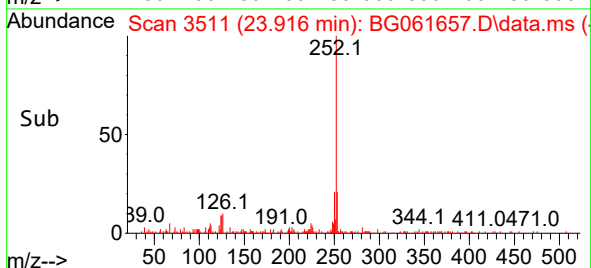
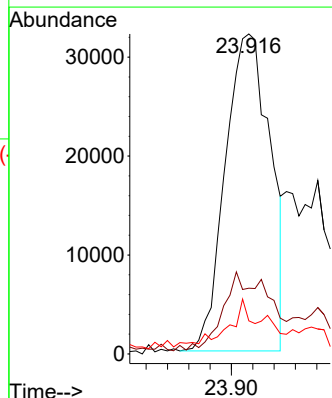
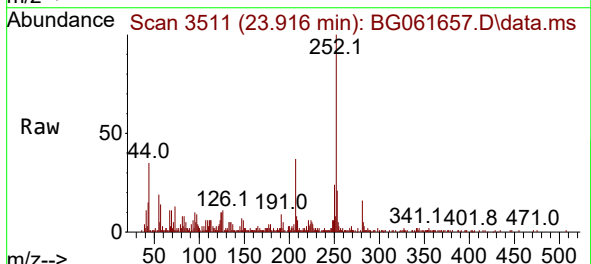
Tgt Ion:252 Resp: 93757

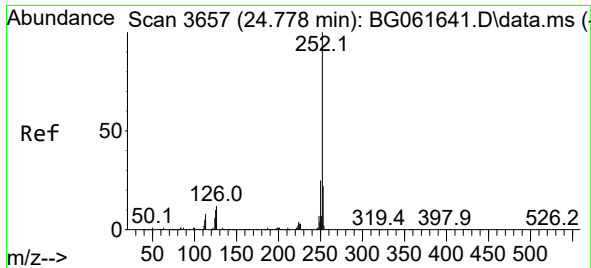
Ion Ratio Lower Upper

252 100

253 20.6 18.6 27.8

125 10.3 7.0 10.6





#93

Benzo(a)pyrene

Concen: 1.055 ng/ul

RT: 24.780 min Scan# 3

Delta R.T. -0.012 min

Lab File: BG061657.D

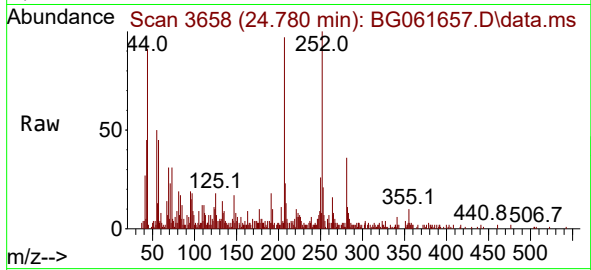
Acq: 22 Jun 2024 20:33

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:252 Resp: 34392

Ion Ratio Lower Upper

252 100

253 21.1 16.8 25.2

125 18.1 6.5 9.7#

