

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061656.D
 Acq On : 22 Jun 2024 19:53
 Operator : MA/JU
 Sample : P2776-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4B93

Quant Time: Jun 23 00:17:20 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)

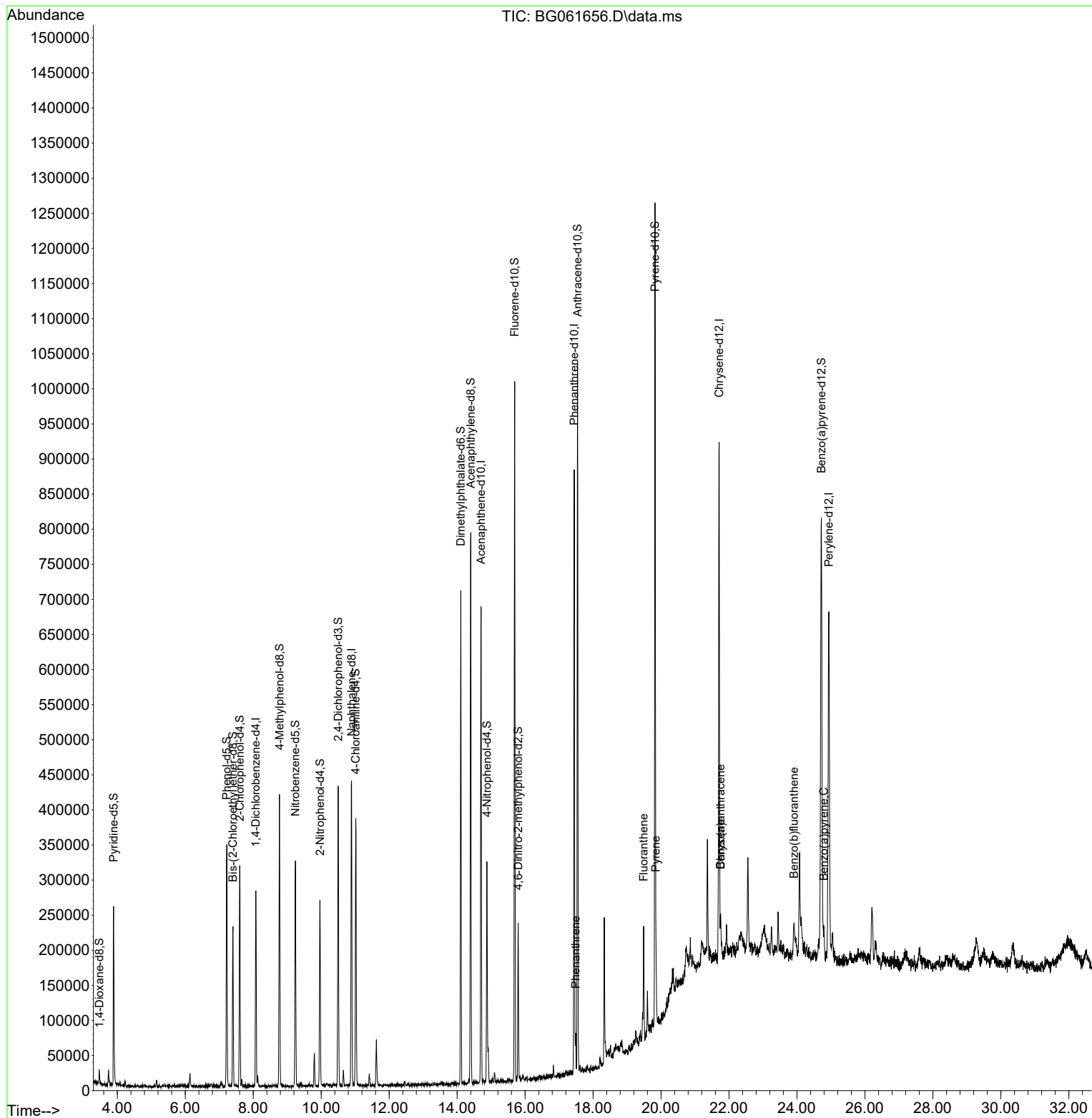
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	71466	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	345375	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.707	164	233038	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	504879	20.000	ng/ul	0.00
79) Chrysene-d12	21.710	240	423142	20.000	ng/ul	0.00
88) Perylene-d12	24.936	264	518766	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.473	96	8298	4.194	ng/uL	0.00
4) Pyridine-d5	3.890	84	116246	19.435	ng/ul	0.00
7) Phenol-d5	7.221	99	175795	22.659	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.403	67	109341	22.608	ng/ul	0.00
11) 2-Chlorophenol-d4	7.603	132	130544	24.520	ng/ul	0.00
15) 4-Methylphenol-d8	8.772	113	139466	23.253	ng/ul	0.00
21) Nitrobenzene-d5	9.242	128	65394	27.886	ng/ul	0.00
24) 2-Nitrophenol-d4	9.965	143	72686	30.603	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	144008	25.606	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	184539	21.673	ng/ul	0.00
46) Dimethylphthalate-d6	14.107	166	440659	24.572	ng/ul	0.00
49) Acenaphthylene-d8	14.401	160	508008	25.849	ng/ul	0.00
54) 4-Nitrophenol-d4	14.877	143	59814	19.421	ng/ul	0.00
60) Fluorene-d10	15.694	176	393334	25.054	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	39310	18.208	ng/ul	0.00
73) Anthracene-d10	17.544	188	590345	25.616	ng/ul	0.00
81) Pyrene-d10	19.824	212	638795	27.027	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.718	264	651932	26.312	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.486	178	30497	1.148	ng/ul#	96
80) Fluoranthene	19.489	202	84622	3.086	ng/ul#	94
82) Pyrene	19.848	202	72656	2.492	ng/ul	99
85) Benzo(a)anthracene	21.751	228	39317	1.324	ng/ul	97
87) Chrysene	21.751	228	39135	1.392	ng/ul	95
90) Benzo(b)fluoranthene	23.913	252	51994	1.667	ng/ul	97
93) Benzo(a)pyrene	24.789	252	33799	1.126	ng/ul#	91

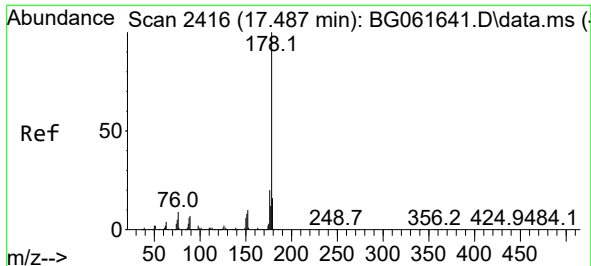
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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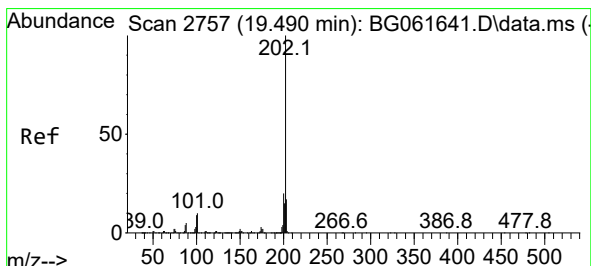
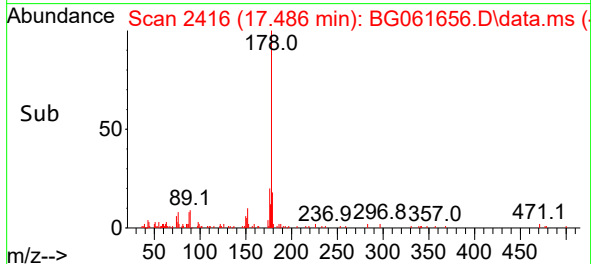
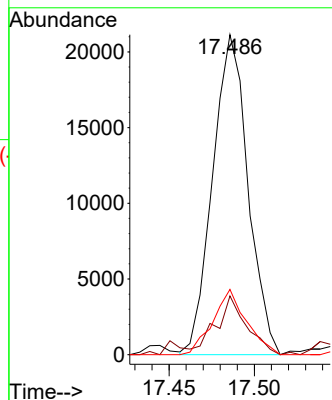
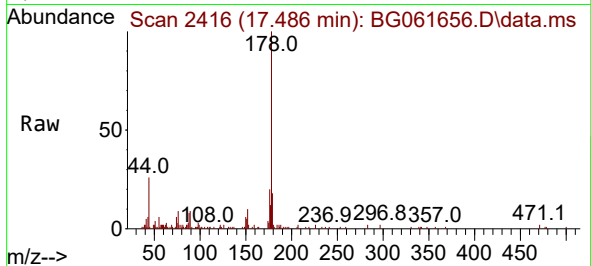




#72
Phenanthrene
Concen: 1.148 ng/ul
RT: 17.486 min Scan# 2416
Delta R.T. -0.003 min
Lab File: BG061656.D
Acq: 22 Jun 2024 19:53

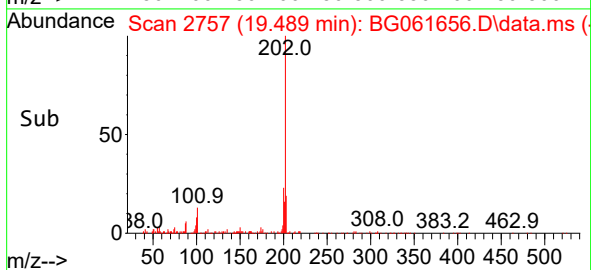
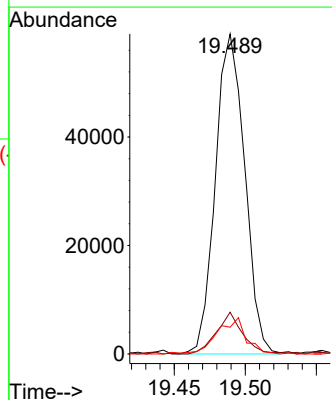
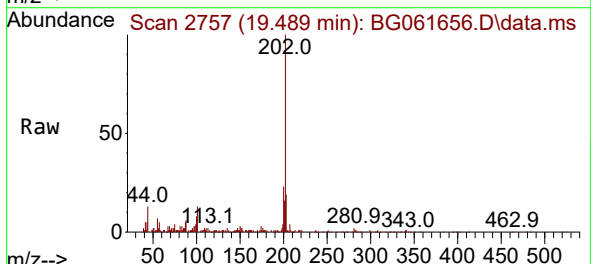
Instrument :
BNA_G
ClientSampleId :
A4B93

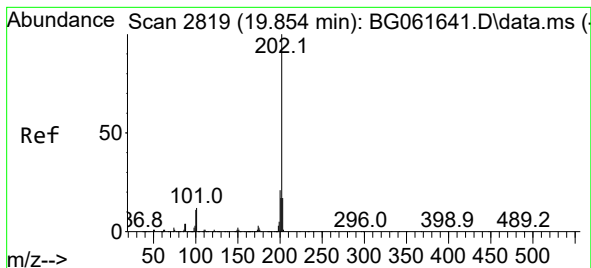
Tgt Ion:178 Resp: 30497
Ion Ratio Lower Upper
178 100
179 18.4 12.0 18.0#
176 20.4 16.2 24.2



#80
Fluoranthene
Concen: 3.086 ng/ul
RT: 19.489 min Scan# 2757
Delta R.T. -0.003 min
Lab File: BG061656.D
Acq: 22 Jun 2024 19:53

Tgt Ion:202 Resp: 84622
Ion Ratio Lower Upper
202 100
101 13.1 7.8 11.6#
100 8.3 7.7 11.5





#82

Pyrene

Concen: 2.492 ng/ul

RT: 19.848 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG061656.D

Acq: 22 Jun 2024 19:53

Instrument :

BNA_G

ClientSampleId :

A4B93

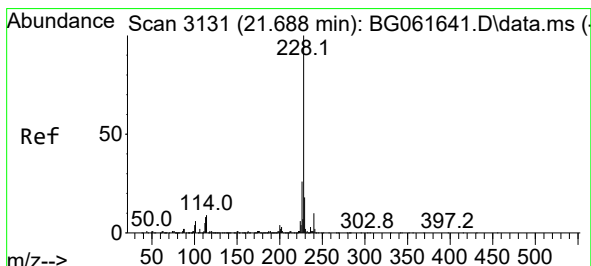
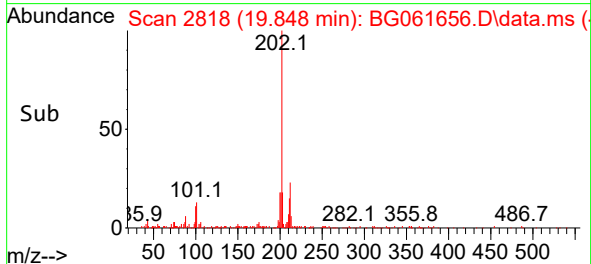
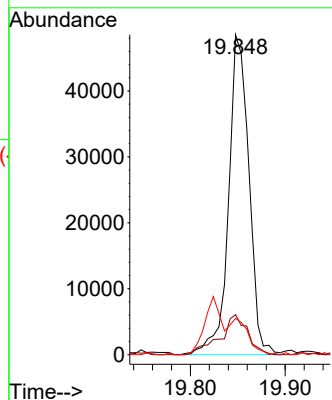
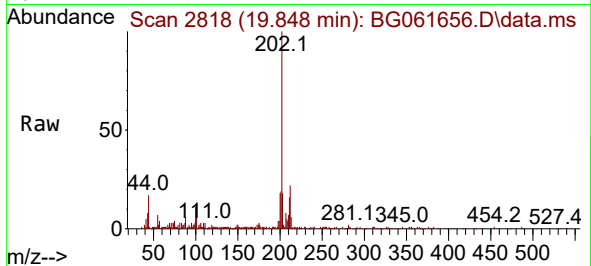
Tgt Ion:202 Resp: 72656

Ion Ratio Lower Upper

202 100

101 12.5 10.1 15.1

100 11.4 9.9 14.9



#85

Benzo(a)anthracene

Concen: 1.324 ng/ul

RT: 21.751 min Scan# 3142

Delta R.T. 0.062 min

Lab File: BG061656.D

Acq: 22 Jun 2024 19:53

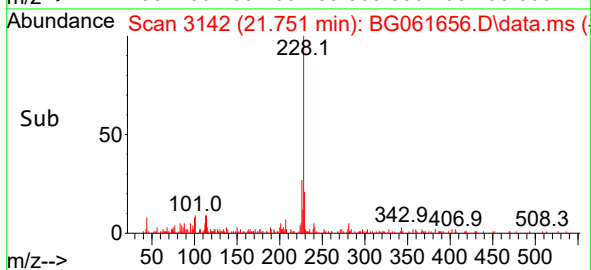
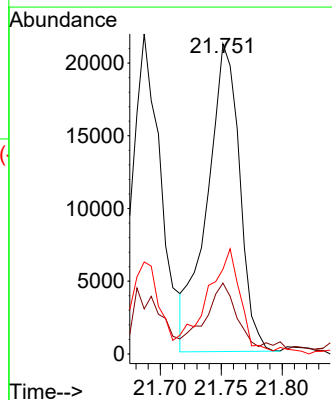
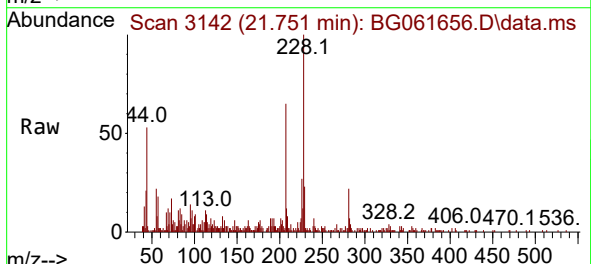
Tgt Ion:228 Resp: 39317

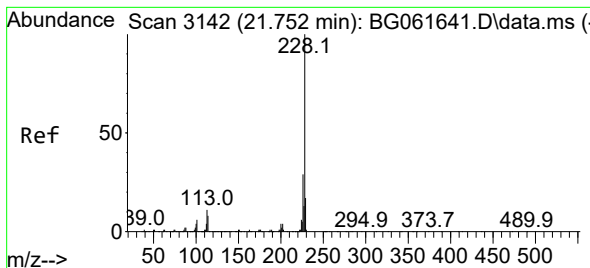
Ion Ratio Lower Upper

228 100

229 22.9 15.8 23.8

226 27.3 21.4 32.2





#87

Chrysene

Concen: 1.392 ng/ul

RT: 21.751 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG061656.D

Acq: 22 Jun 2024 19:53

Instrument :

BNA_G

ClientSampleId :

A4B93

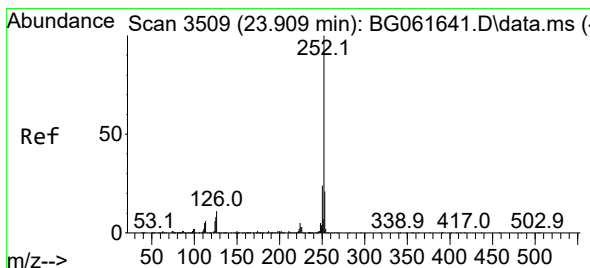
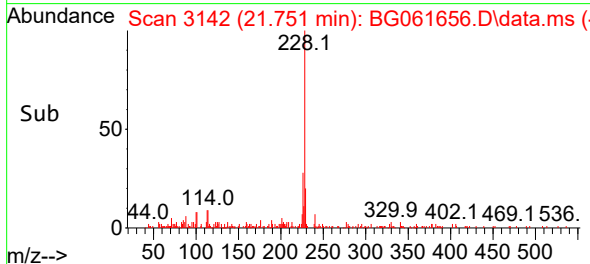
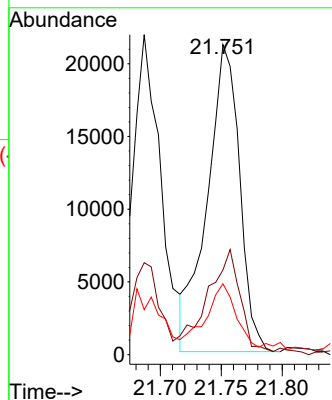
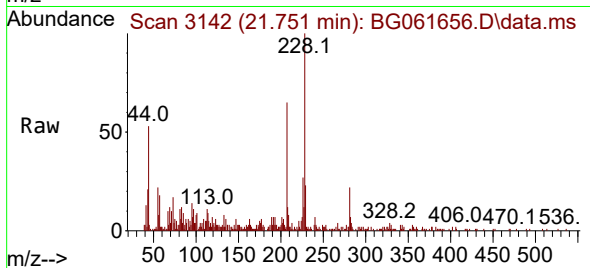
Tgt Ion:228 Resp: 39135

Ion Ratio Lower Upper

228 100

226 27.3 24.2 36.2

229 22.9 16.5 24.7



#90

Benzo(b)fluoranthene

Concen: 1.667 ng/ul

RT: 23.913 min Scan# 3510

Delta R.T. -0.003 min

Lab File: BG061656.D

Acq: 22 Jun 2024 19:53

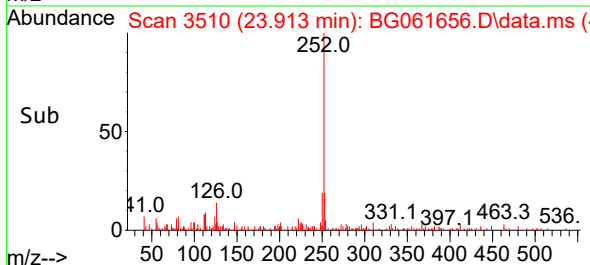
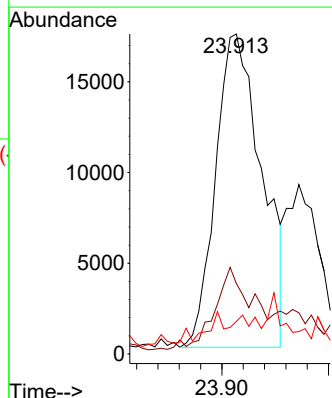
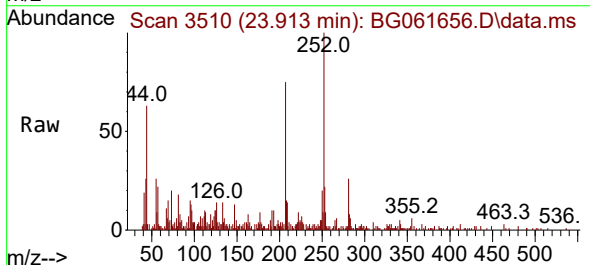
Tgt Ion:252 Resp: 51994

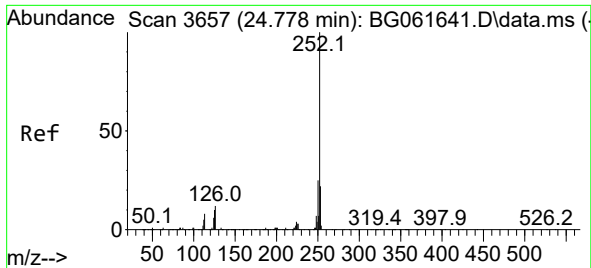
Ion Ratio Lower Upper

252 100

253 22.0 18.6 27.8

125 10.1 7.0 10.6





#93
 Benzo(a)pyrene
 Concen: 1.126 ng/ul
 RT: 24.789 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG061656.D
 Acq: 22 Jun 2024 19:53

Instrument :
 BNA_G
 ClientSampleId :
 A4B93

Tgt Ion:252 Resp: 33799
 Ion Ratio Lower Upper
 252 100
 253 22.4 16.8 25.2
 125 16.5 6.5 9.7#

