

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061628.D
 Acq On : 21 Jun 2024 20:17
 Operator : MA/JU
 Sample : P2754-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BP9

Quant Time: Jun 21 22:05:13 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)

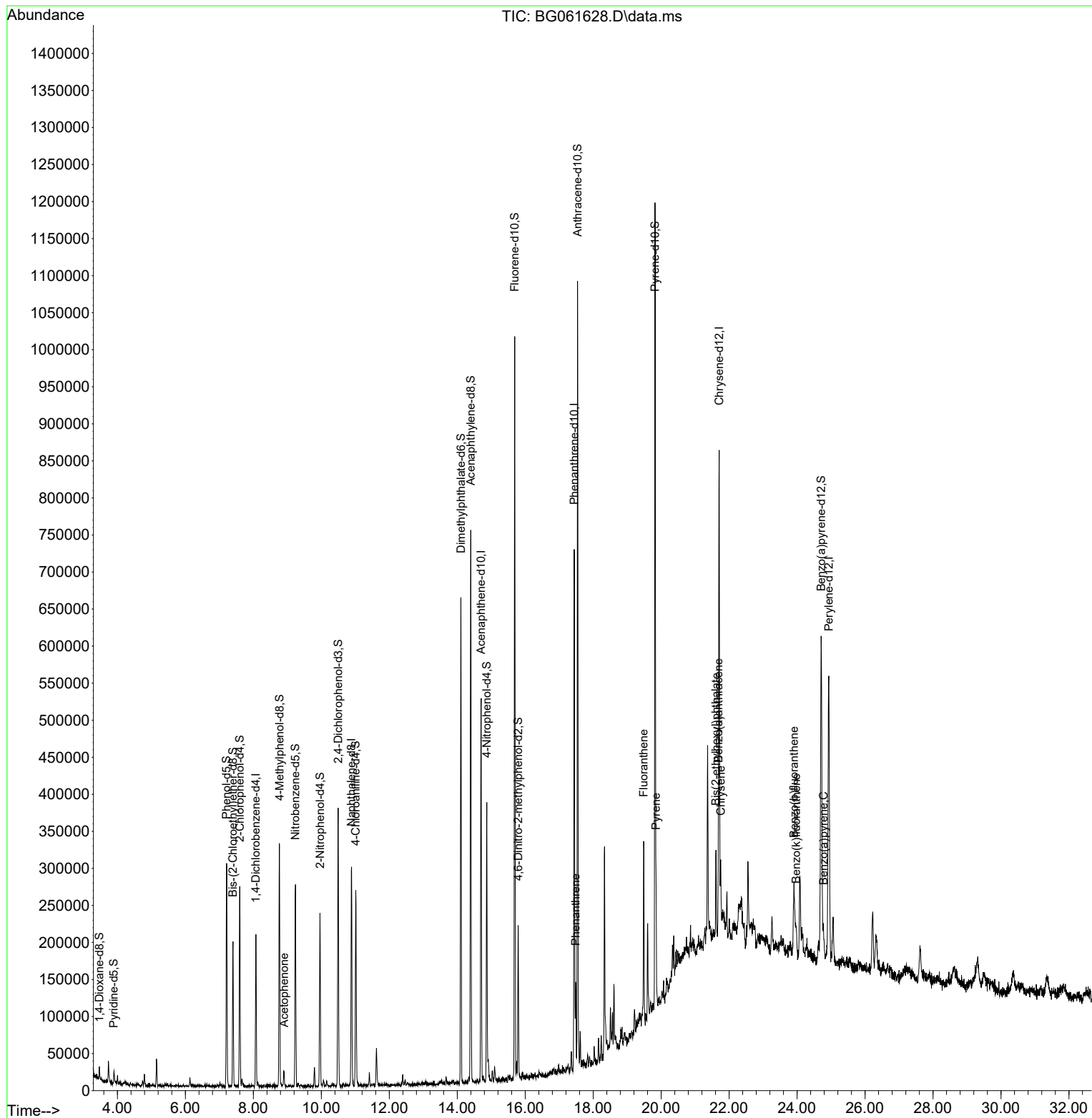
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	49476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.884	136	238590	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.703	164	175981	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	423944	20.000	ng/ul	0.00
79) Chrysene-d12	21.707	240	358679	20.000	ng/ul	0.00
88) Perylene-d12	24.932	264	436600	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	7298	5.329	ng/uL	0.00
4) Pyridine-d5	3.892	84	8008	1.934	ng/ul	0.00
7) Phenol-d5	7.212	99	157955	29.408	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	93749	28.000	ng/ul	0.00
11) 2-Chlorophenol-d4	7.600	132	109115	29.604	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	116780	28.125	ng/ul	0.00
21) Nitrobenzene-d5	9.239	128	55371	34.179	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	60988	37.170	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.496	165	122877	31.628	ng/ul	0.00
31) 4-Chloroaniline-d4	11.013	131	126543	21.513	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	425612	31.428	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	481690	32.456	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	67421	28.988	ng/ul	0.00
60) Fluorene-d10	15.690	176	392859	33.137	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.790	200	38092	21.013	ng/ul	0.00
73) Anthracene-d10	17.541	188	600481	31.030	ng/ul	0.00
81) Pyrene-d10	19.821	212	596173	29.756	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.709	264	442093	21.201	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.904	105	10472	1.532	ng/ul#	93
72) Phenanthrene	17.488	178	70619	3.166	ng/ul	97
80) Fluoranthene	19.486	202	144013	6.195	ng/ul	99
82) Pyrene	19.850	202	104936	4.245	ng/ul	97
85) Benzo(a)anthracene	21.683	228	70631	2.805	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.613	149	46905	3.546	ng/ul#	97
87) Chrysene	21.754	228	69170	2.903	ng/ul	94
90) Benzo(b)fluoranthene	23.910	252	104939	3.998	ng/ul	99
91) Benzo(k)fluoranthene	23.975	252	30996	1.148	ng/ul#	95
93) Benzo(a)pyrene	24.780	252	36926	1.461	ng/ul#	83

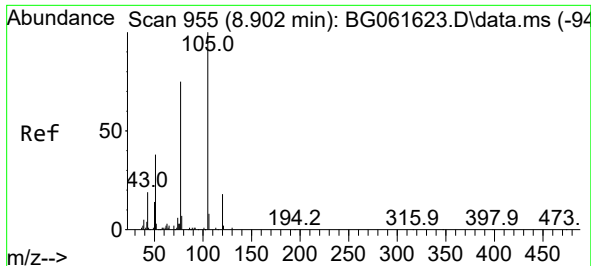
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration

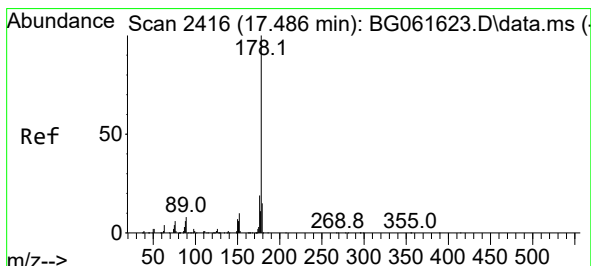
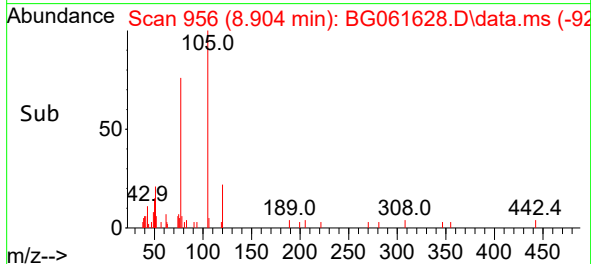
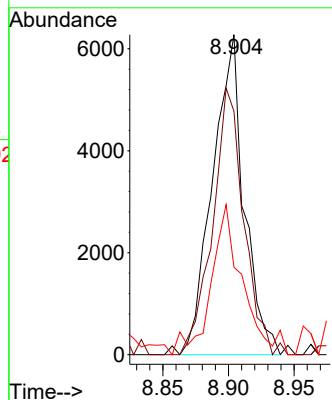
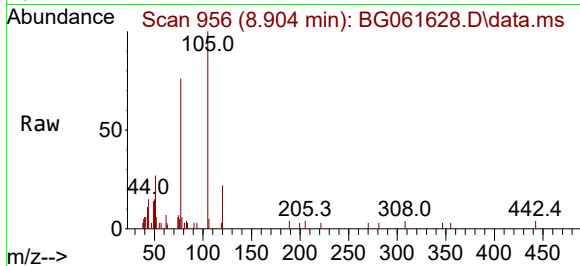




#16
Acetophenone
Concen: 1.532 ng/ul
RT: 8.904 min Scan# 91
Delta R.T. 0.005 min
Lab File: BG061628.D
Acq: 21 Jun 2024 20:17

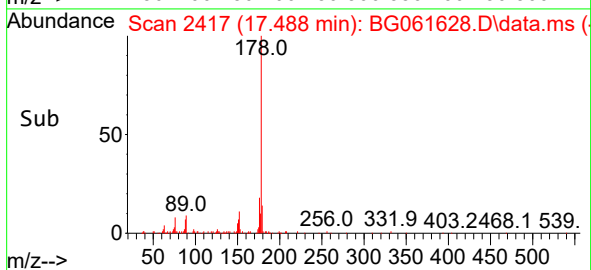
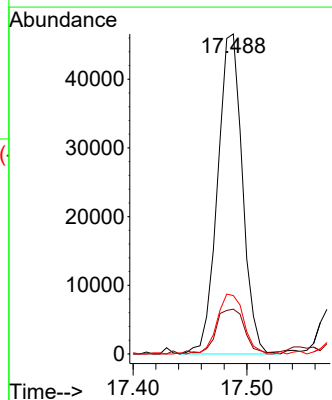
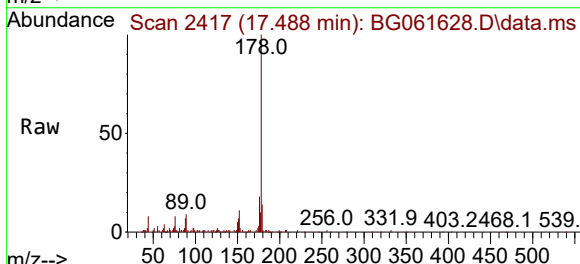
Instrument :
BNA_G
ClientSampleId :
A4BP9

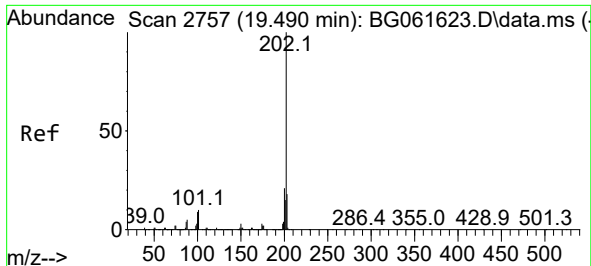
Tgt Ion:105 Resp: 10472
Ion Ratio Lower Upper
105 100
77 76.1 60.4 90.6
51 27.3 31.1 46.7#



#72
Phenanthrene
Concen: 3.166 ng/ul
RT: 17.488 min Scan# 2417
Delta R.T. -0.001 min
Lab File: BG061628.D
Acq: 21 Jun 2024 20:17

Tgt Ion:178 Resp: 70619
Ion Ratio Lower Upper
178 100
179 14.0 12.0 18.0
176 18.2 16.2 24.2

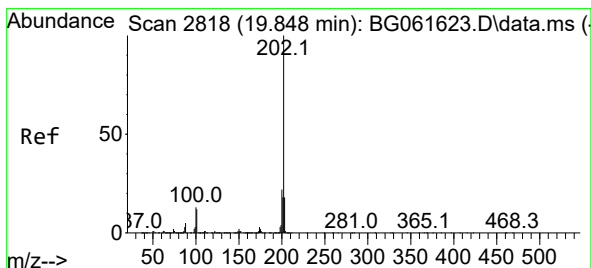
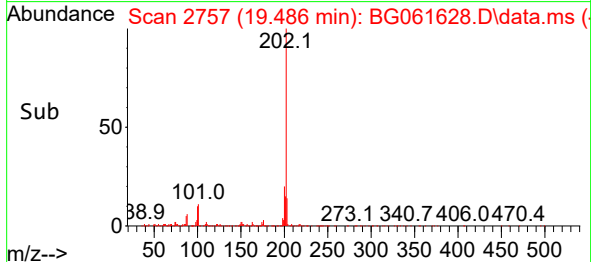
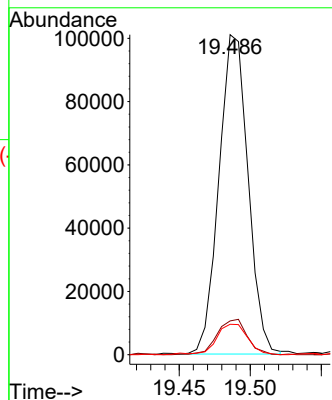
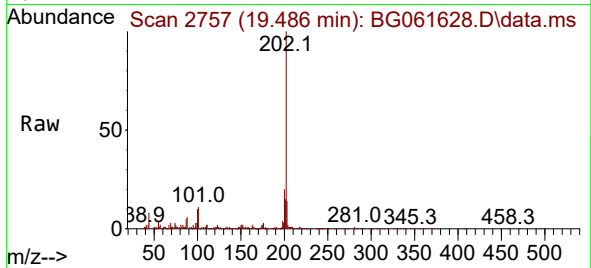




#80
Fluoranthene
Concen: 6.195 ng/ul
RT: 19.486 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061628.D
Acq: 21 Jun 2024 20:17

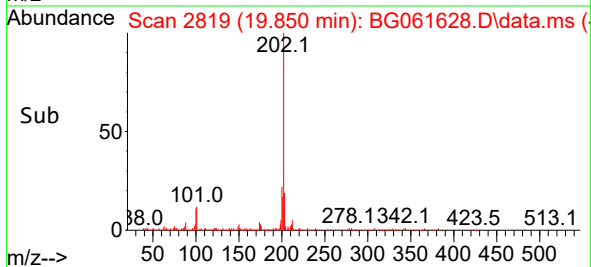
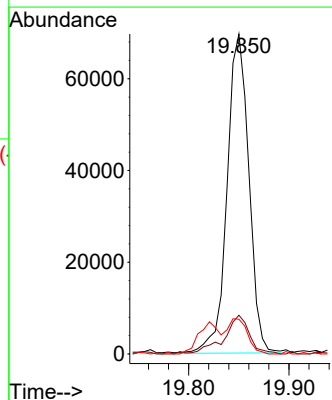
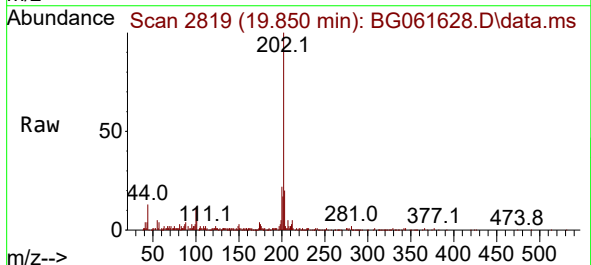
Instrument :
BNA_G
ClientSampleId :
A4BP9

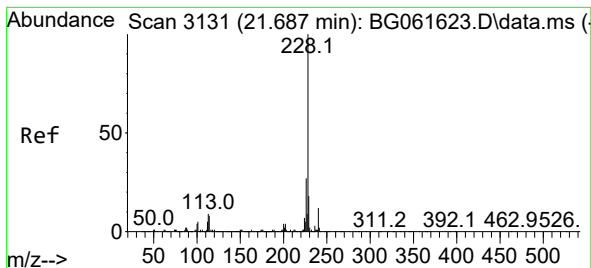
Tgt Ion:202 Resp: 144013
Ion Ratio Lower Upper
202 100
101 10.6 7.8 11.6
100 9.5 7.7 11.5



#82
Pyrene
Concen: 4.245 ng/ul
RT: 19.850 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG061628.D
Acq: 21 Jun 2024 20:17

Tgt Ion:202 Resp: 104936
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 10.8 9.9 14.9





#85

Benzo(a)anthracene

Concen: 2.805 ng/ul

RT: 21.683 min Scan# 3131

Delta R.T. -0.007 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

Instrument :

BNA_G

ClientSampleId :

A4BP9

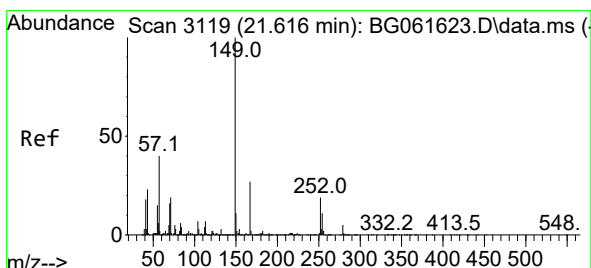
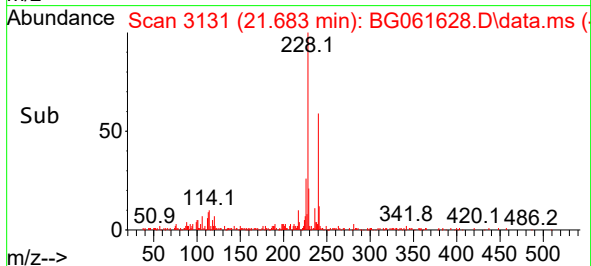
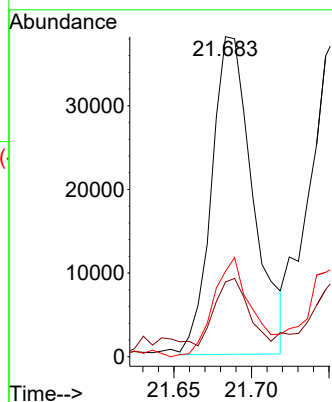
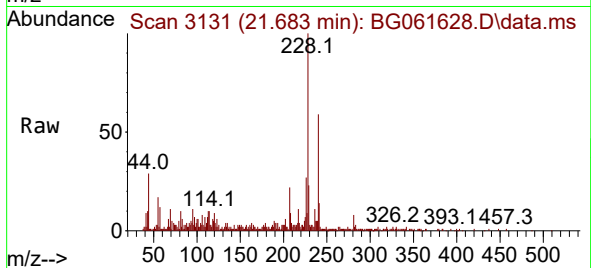
Tgt Ion:228 Resp: 70631

Ion Ratio Lower Upper

228 100

229 23.4 15.8 23.8

226 26.7 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.546 ng/ul

RT: 21.613 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

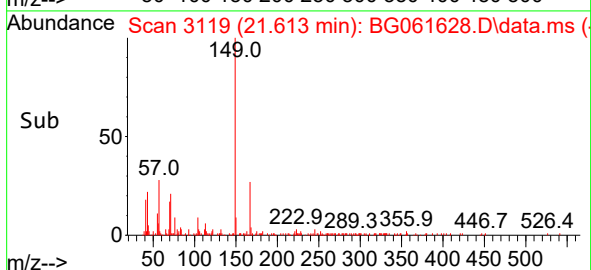
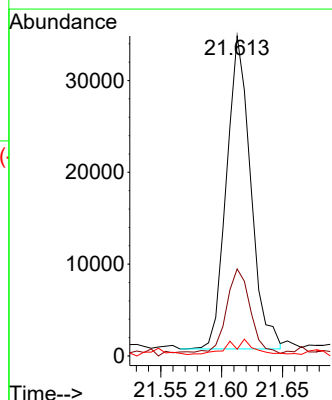
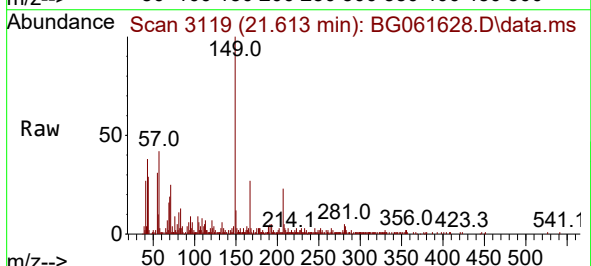
Tgt Ion:149 Resp: 46905

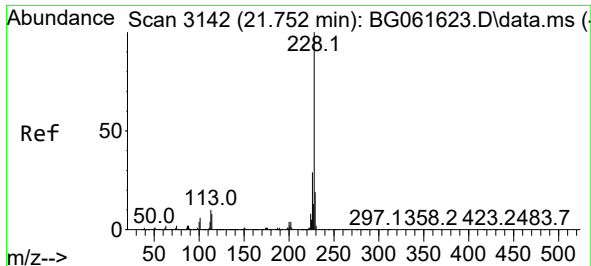
Ion Ratio Lower Upper

149 100

167 27.2 20.5 30.7

279 2.1 2.9 4.3#





#87

Chrysene

Concen: 2.903 ng/ul

RT: 21.754 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

Instrument :

BNA_G

ClientSampleId :

A4BP9

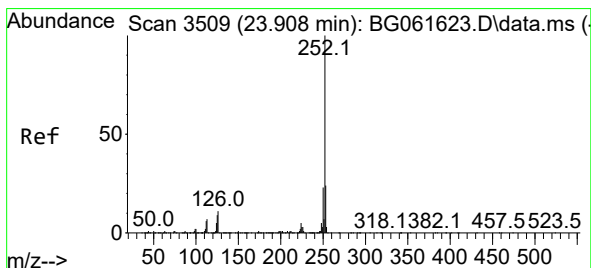
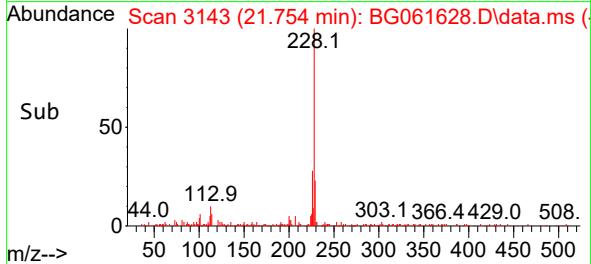
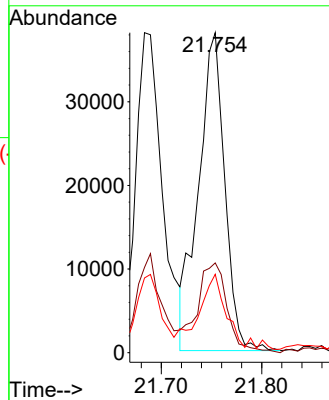
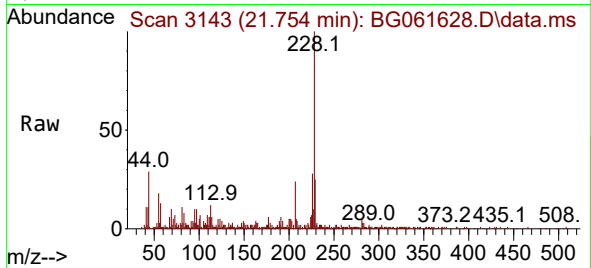
Tgt Ion:228 Resp: 69170

Ion Ratio Lower Upper

228 100

226 28.0 24.2 36.2

229 24.5 16.5 24.7



#90

Benzo(b)fluoranthene

Concen: 3.998 ng/ul

RT: 23.910 min Scan# 3510

Delta R.T. -0.007 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

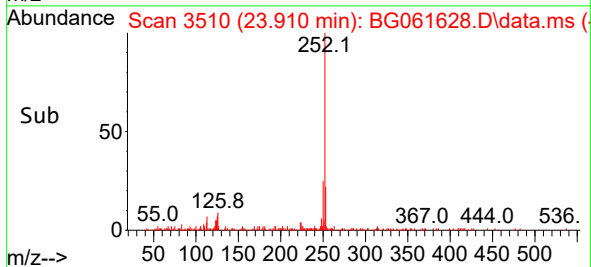
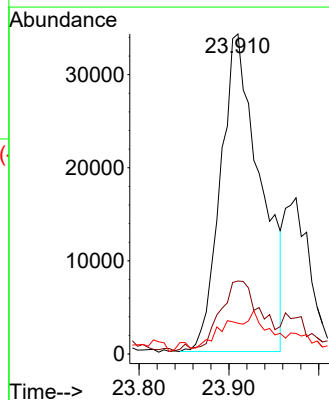
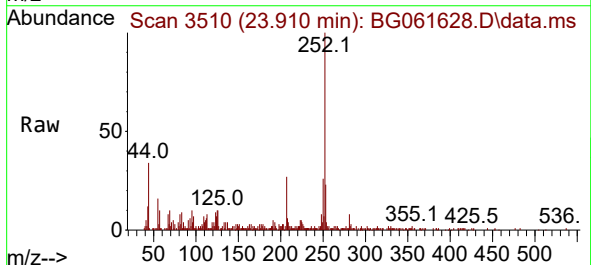
Tgt Ion:252 Resp: 104939

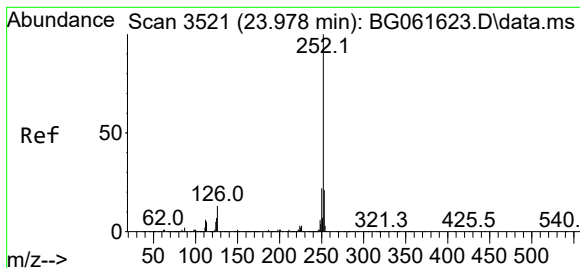
Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

125 9.6 7.0 10.6





#91

Benzo(k)fluoranthene

Concen: 1.148 ng/ul

RT: 23.975 min Scan# 3521

Delta R.T. -0.007 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

Instrument :

BNA_G

ClientSampleId :

A4BP9

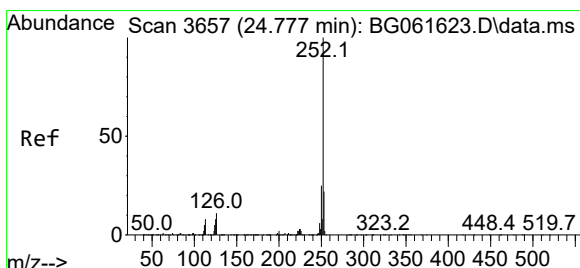
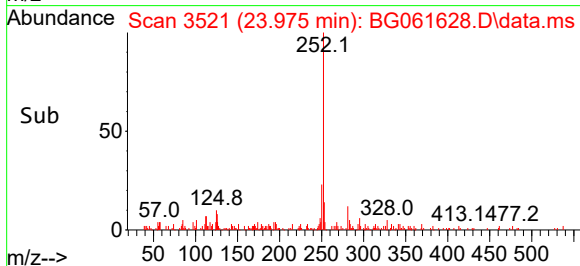
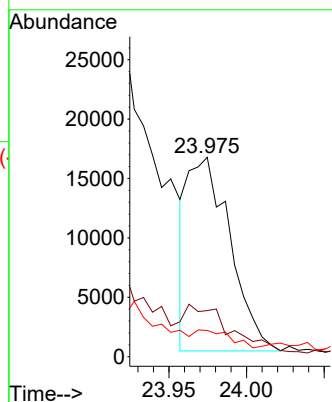
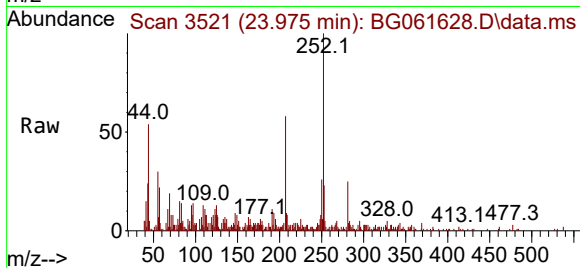
Tgt Ion:252 Resp: 30996

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 13.1 6.2 9.2#



#93

Benzo(a)pyrene

Concen: 1.461 ng/ul

RT: 24.780 min Scan# 3658

Delta R.T. -0.012 min

Lab File: BG061628.D

Acq: 21 Jun 2024 20:17

Tgt Ion:252 Resp: 36926

Ion Ratio Lower Upper

252 100

253 29.0 16.8 25.2#

125 14.3 6.5 9.7#

