

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
 Data File : BG061779.D
 Acq On : 28 Jun 2024 19:43
 Operator : MA/JU
 Sample : P2934-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ2

Quant Time: Jun 29 01:11:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

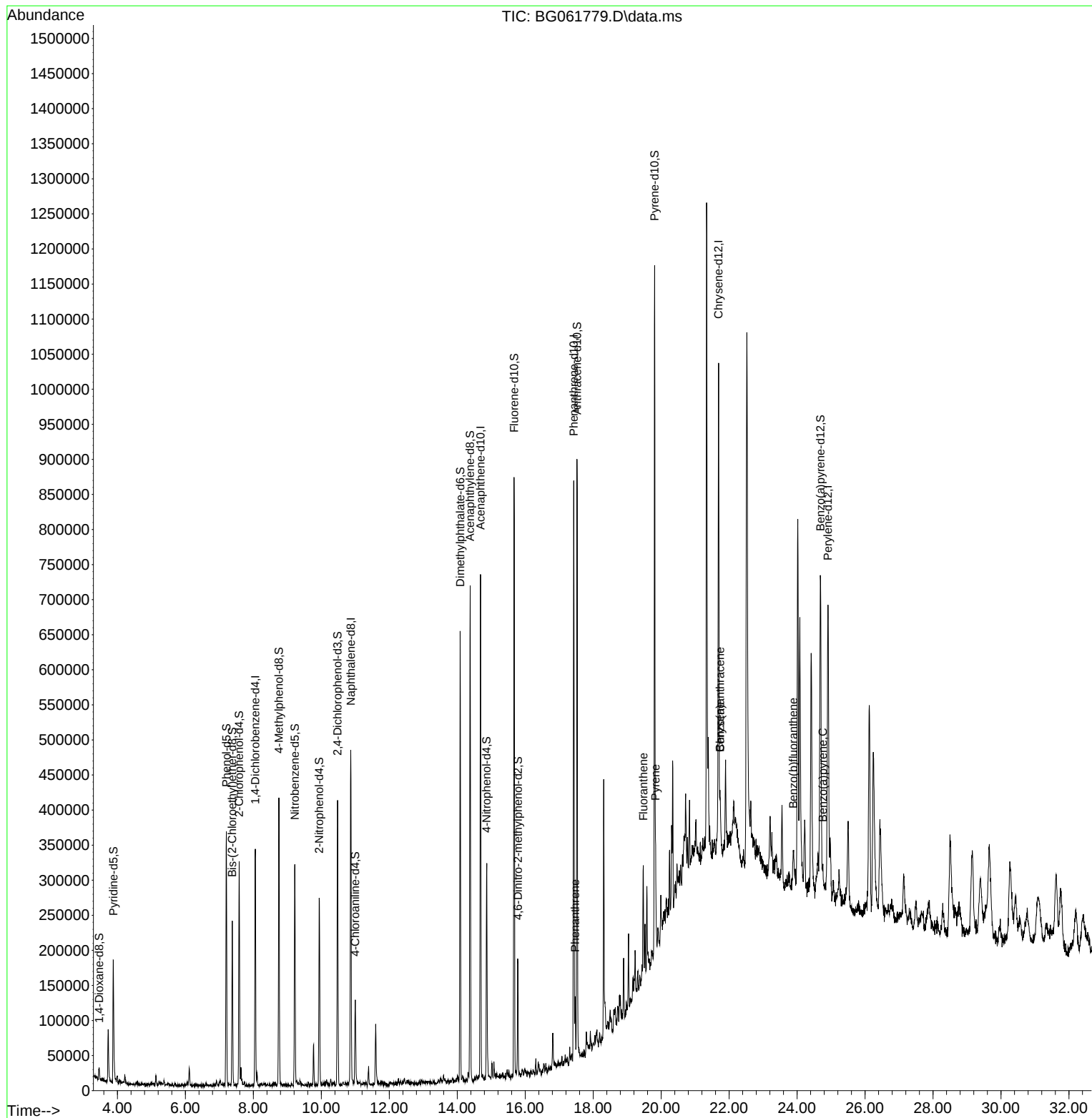
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	82572	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	375819	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.686	164	238754	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.430	188	505837	20.000	ng/u1	0.00
79) Chrysene-d12	21.689	240	380665	20.000	ng/u1	0.00
88) Perylene-d12	24.909	264	442391	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	8260	3.614	ng/uL	0.01
4) Pyridine-d5	3.881	84	90024	13.026	ng/u1	0.01
7) Phenol-d5	7.206	99	182315	20.339	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.377	67	113478	20.308	ng/u1	0.00
11) 2-Chlorophenol-d4	7.582	132	127711	20.762	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	136396	19.683	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	65900	25.825	ng/u1	0.00
24) 2-Nitrophenol-d4	9.939	143	72012	27.863	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	133029	21.738	ng/u1	0.00
31) 4-Chloroaniline-d4	10.996	131	60474	6.527	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	391306	21.298	ng/u1	0.00
49) Acenaphthylene-d8	14.380	160	452518	22.474	ng/u1	0.00
54) 4-Nitrophenol-d4	14.862	143	56266	17.831	ng/u1	0.00
60) Fluorene-d10	15.673	176	340018	21.139	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	30520	14.110	ng/u1	0.00
73) Anthracene-d10	17.524	188	494086	21.399	ng/u1	0.00
81) Pyrene-d10	19.809	212	517237	24.325	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.686	264	474716	22.467	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.471	178	47384	1.781	ng/u1	95
80) Fluoranthene	19.474	202	80695	3.271	ng/u1#	94
82) Pyrene	19.839	202	78420	2.989	ng/u1	99
85) Benzo(a)anthracene	21.736	228	48057	1.798	ng/u1	98
87) Chrysene	21.736	228	46201	1.827	ng/u1	95
90) Benzo(b)fluoranthene	23.893	252	67706	2.546	ng/u1#	95
93) Benzo(a)pyrene	24.756	252	45054	1.760	ng/u1#	90

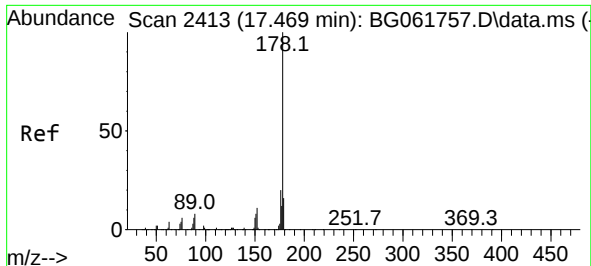
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062824\
Data File : BG061779.D
Acq On : 28 Jun 2024 19:43
Operator : MA/JU
Sample : P2934-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ2

Quant Time: Jun 29 01:11:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

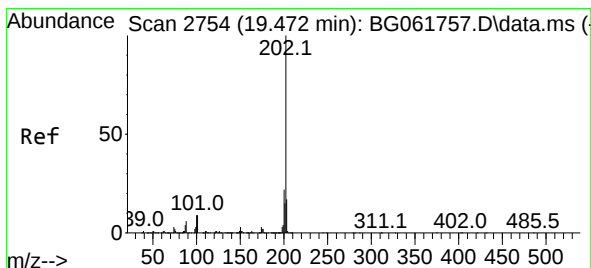
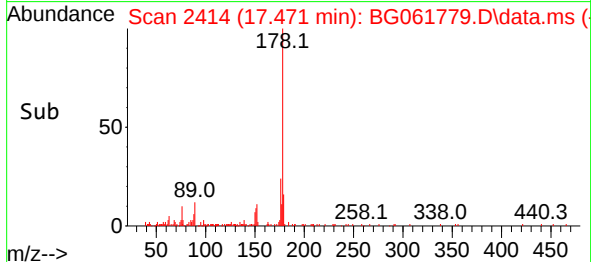
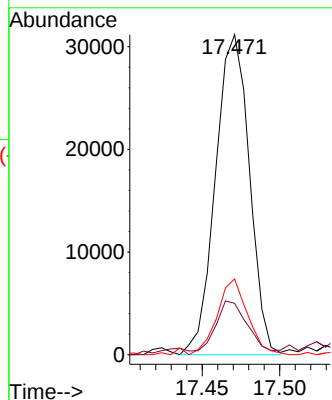
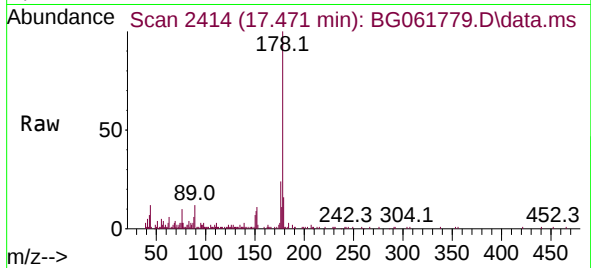




#72
Phenanthrene
Concen: 1.781 ng/ul
RT: 17.471 min Scan# 2414
Delta R.T. -0.001 min
Lab File: BG061779.D
Acq: 28 Jun 2024 19:43

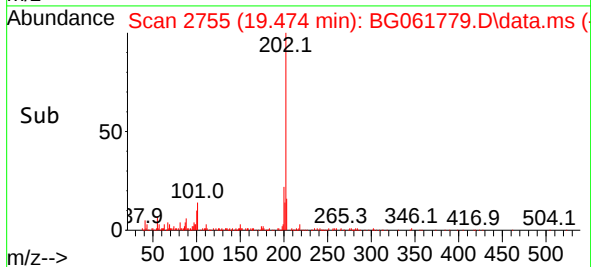
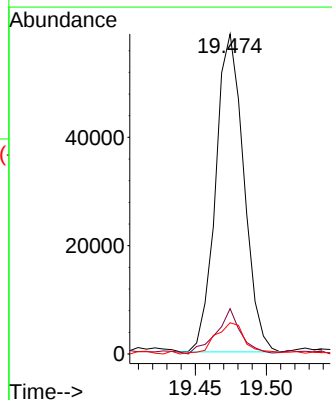
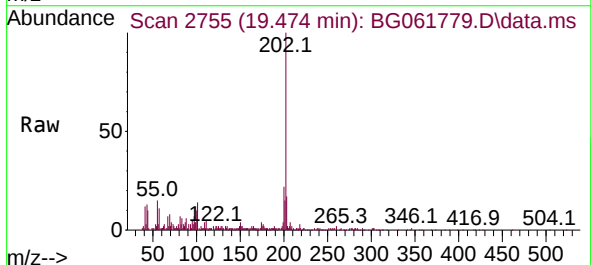
Instrument :
BNA_G
ClientSampleId :
A4CQ2

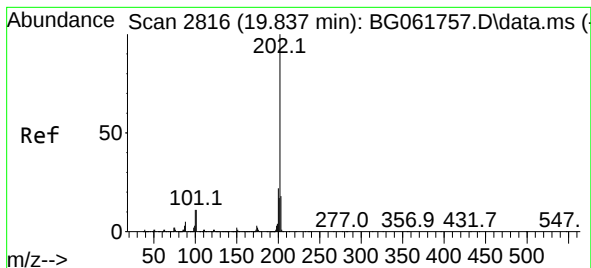
Tgt Ion:178 Resp: 47384
Ion Ratio Lower Upper
178 100
179 16.1 12.0 18.0
176 23.7 16.2 24.2



#80
Fluoranthene
Concen: 3.271 ng/ul
RT: 19.474 min Scan# 2755
Delta R.T. -0.001 min
Lab File: BG061779.D
Acq: 28 Jun 2024 19:43

Tgt Ion:202 Resp: 80695
Ion Ratio Lower Upper
202 100
101 14.2 7.8 11.6#
100 9.8 7.7 11.5





#82

Pyrene

Concen: 2.989 ng/ul

RT: 19.839 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG061779.D

Acq: 28 Jun 2024 19:43

Instrument :

BNA_G

ClientSampleId :

A4CQ2

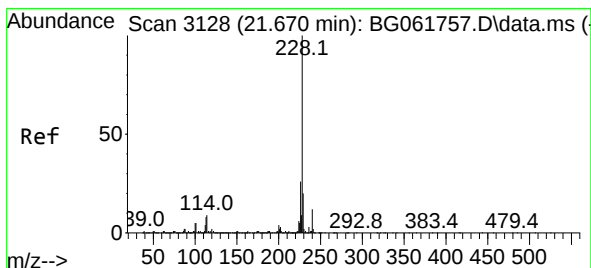
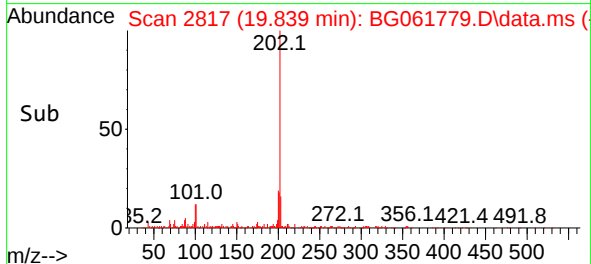
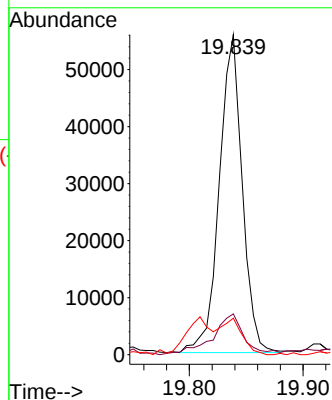
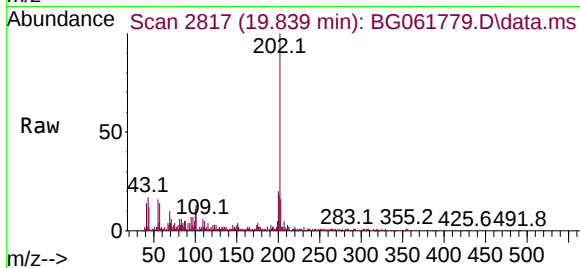
Tgt Ion:202 Resp: 78420

Ion Ratio Lower Upper

202 100

101 12.8 10.1 15.1

100 11.4 9.9 14.9



#85

Benzo(a)anthracene

Concen: 1.798 ng/ul

RT: 21.736 min Scan# 3140

Delta R.T. 0.064 min

Lab File: BG061779.D

Acq: 28 Jun 2024 19:43

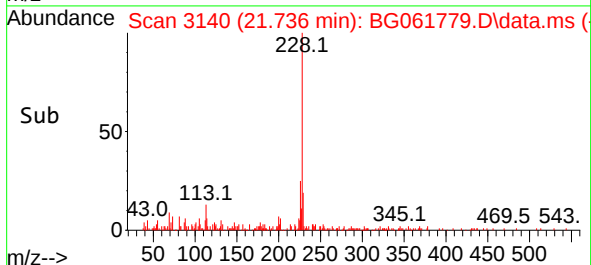
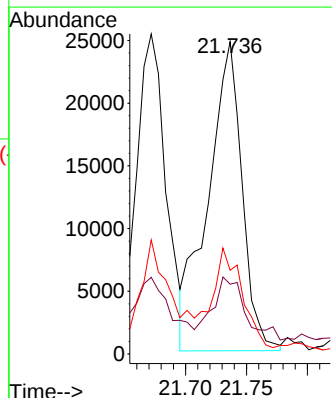
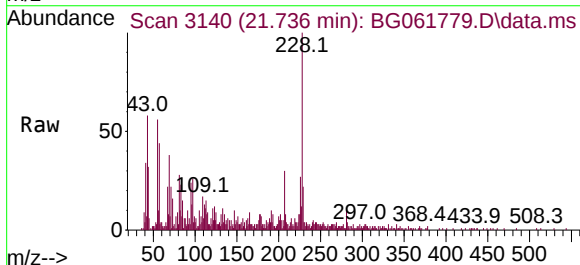
Tgt Ion:228 Resp: 48057

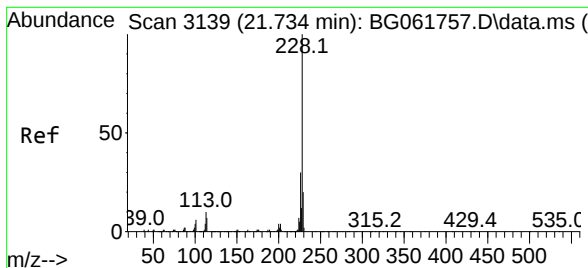
Ion Ratio Lower Upper

228 100

229 22.3 15.8 23.8

226 26.8 21.4 32.2





#87

Chrysene

Concen: 1.827 ng/ul

RT: 21.736 min Scan# 3139

Delta R.T. -0.001 min

Lab File: BG061779.D

Acq: 28 Jun 2024 19:43

Instrument :

BNA_G

ClientSampleId :

A4CQ2

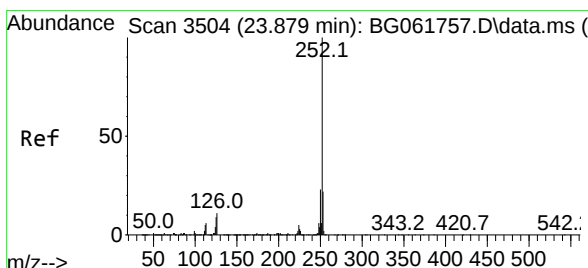
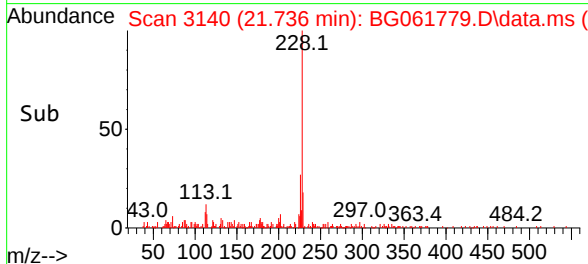
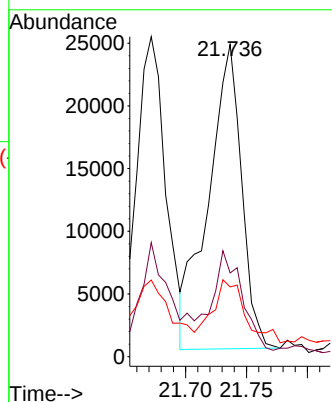
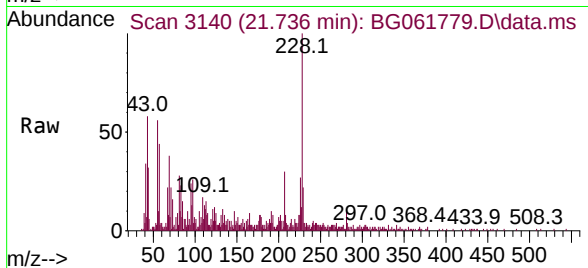
Tgt Ion:228 Resp: 46201

Ion Ratio Lower Upper

228 100

226 26.8 24.2 36.2

229 22.3 16.5 24.7



#90

Benzo(b)fluoranthene

Concen: 2.546 ng/ul

RT: 23.893 min Scan# 3507

Delta R.T. 0.005 min

Lab File: BG061779.D

Acq: 28 Jun 2024 19:43

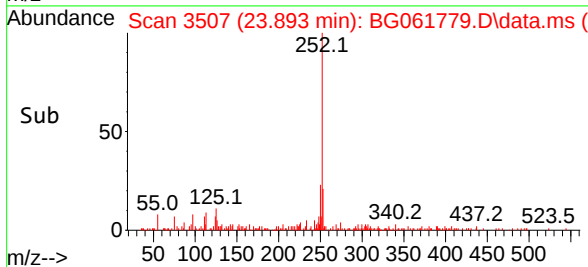
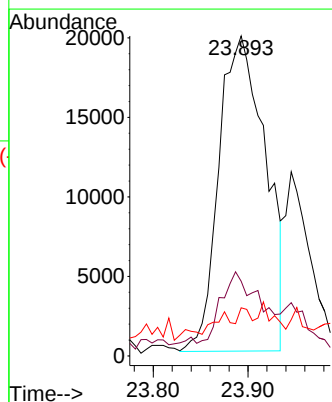
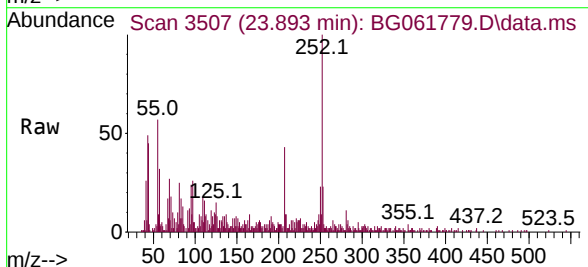
Tgt Ion:252 Resp: 67706

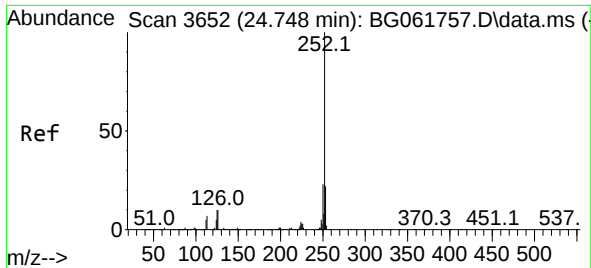
Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

125 15.1 7.0 10.6#





#93
 Benzo(a)pyrene
 Concen: 1.760 ng/ul
 RT: 24.756 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG061779.D
 Acq: 28 Jun 2024 19:43

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ2

Tgt Ion:252 Resp: 45054
 Ion Ratio Lower Upper
 252 100
 253 24.6 16.8 25.2
 125 13.2 6.5 9.7#

