

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057991.D
 Acq On : 4 Jul 2023 17:34
 Operator : CG/JU
 Sample : 03248-05
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 00:13:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

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

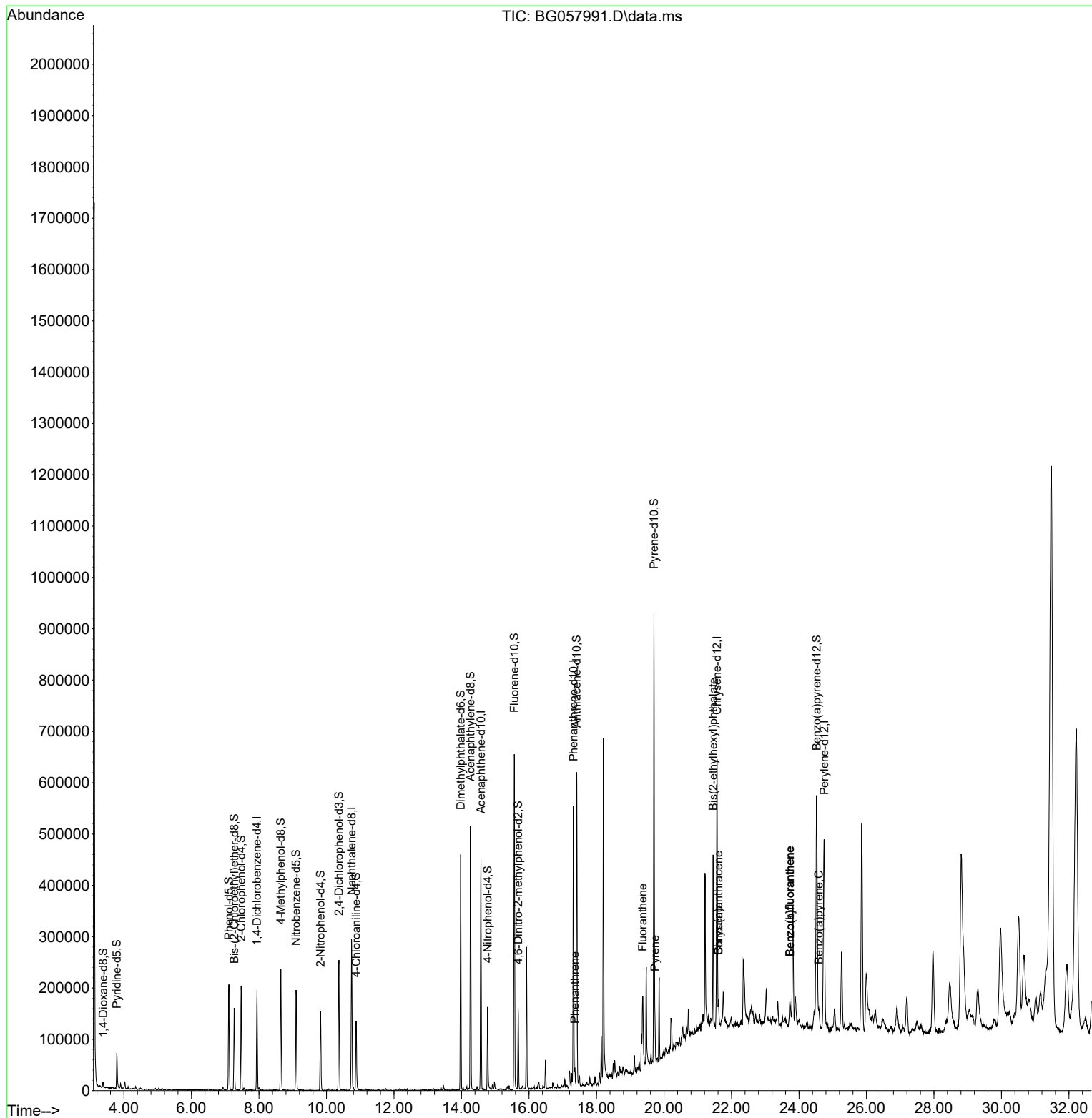
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	52897	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	246506	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	161235	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.319	188	354651	20.000	ng/ul	0.00
79) Chrysene-d12	21.573	240	288078	20.000	ng/ul	0.00
88) Perylene-d12	24.746	264	349611	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	5682	3.761	ng/uL	0.00
4) Pyridine-d5	3.788	84	37796	8.241	ng/ul	0.00
7) Phenol-d5	7.108	99	127795	23.657	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	78020	23.966	ng/ul	0.00
11) 2-Chlorophenol-d4	7.472	132	94929	25.479	ng/ul	0.00
15) 4-Methylphenol-d8	8.647	113	90495	22.201	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	49183	24.480	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	53352	25.266	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	101257	24.997	ng/ul	0.00
31) 4-Chloroaniline-d4	10.880	131	78506	12.783	ng/ul	0.00
46) Dimethylphthalate-d6	13.976	166	312347	24.552	ng/ul	0.00
49) Acenaphthylene-d8	14.270	160	360785	25.989	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	42763	19.026	ng/ul	0.00
60) Fluorene-d10	15.568	176	279832	25.901	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	34774	18.057	ng/ul	0.00
73) Anthracene-d10	17.413	188	385843	23.446	ng/ul	0.00
81) Pyrene-d10	19.705	212	497484	27.420	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.522	264	501027	28.129	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.360	178	18567	1.029	ng/ul	98
80) Fluoranthene	19.370	202	53935	2.565	ng/ul	99
82) Pyrene	19.734	202	44946	2.124	ng/ul	98
85) Benzo(a)anthracene	21.614	228	37565	1.816	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.455	149	132441	10.770	ng/ul	99
87) Chrysene	21.614	228	37565	1.937	ng/ul	96
90) Benzo(b)fluoranthene	23.729	252	59417	2.745	ng/ul	98
91) Benzo(k)fluoranthene	23.729	252	59417	2.800	ng/ul	97
93) Benzo(a)pyrene	24.587	252	33763	1.762	ng/ul#	97

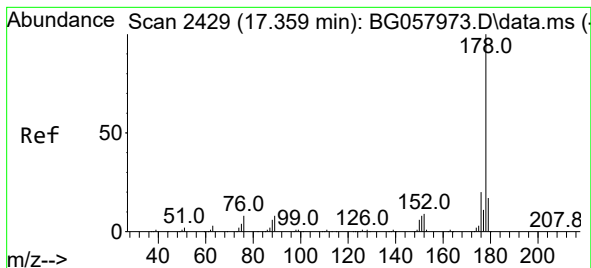
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.029 ng/ul

RT: 17.360 min Scan# 2429

Delta R.T. 0.001 min

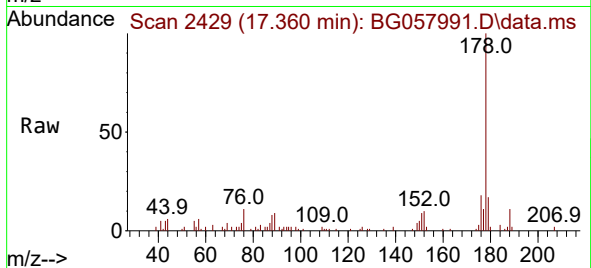
Lab File: BG057991.D

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Instrument :

BNA_G

ClientSampleId :



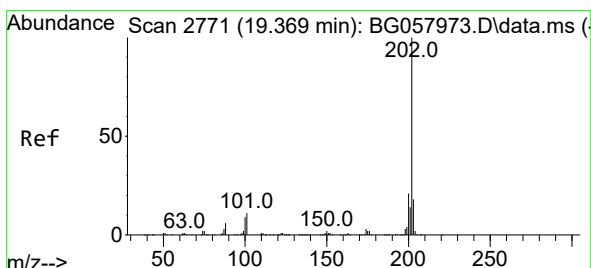
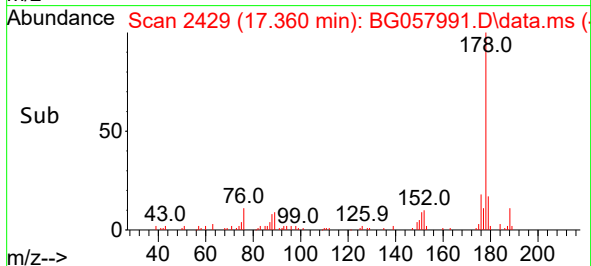
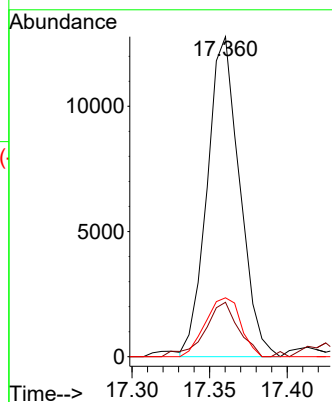
Tgt Ion:178 Resp: 18567

Ion Ratio Lower Upper

178 100

179 17.0 12.8 19.2

176 18.4 15.7 23.5



#80

Fluoranthene

Concen: 2.565 ng/ul

RT: 19.370 min Scan# 2771

Delta R.T. 0.001 min

Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

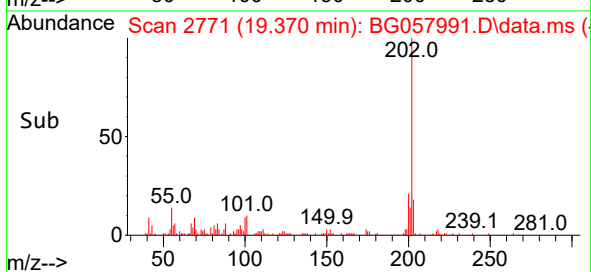
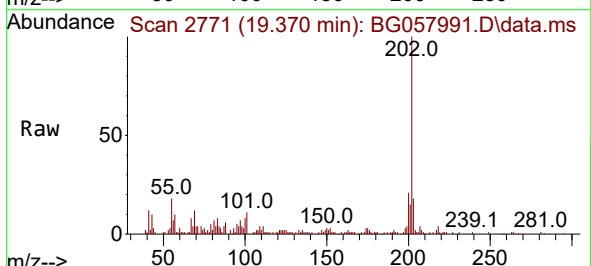
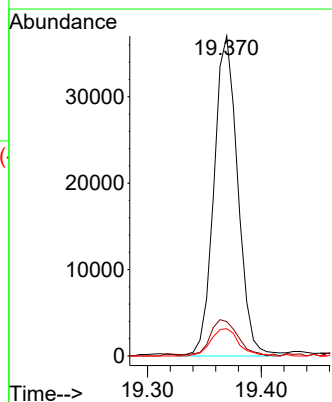
Tgt Ion:202 Resp: 53935

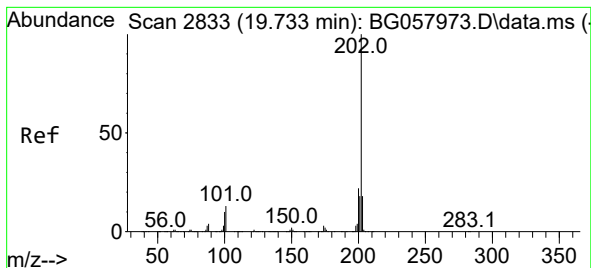
Ion Ratio Lower Upper

202 100

101 10.8 9.1 13.7

100 8.5 7.1 10.7





#82

Pyrene

Concen: 2.124 ng/ul

RT: 19.734 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

Instrument :

BNA_G

ClientSampleId :

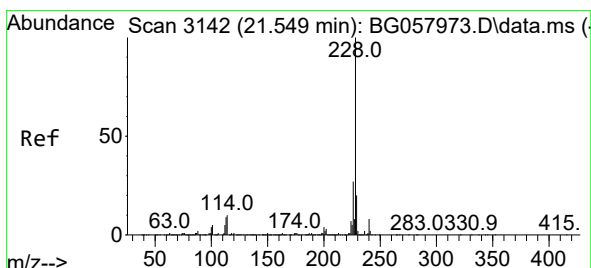
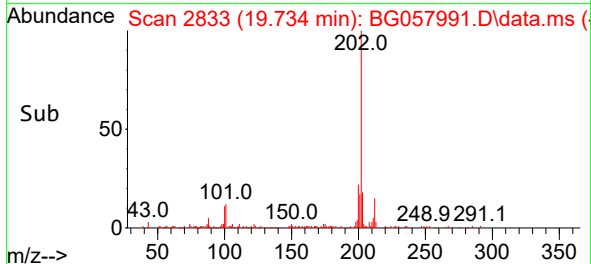
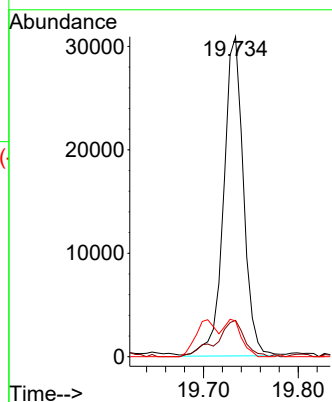
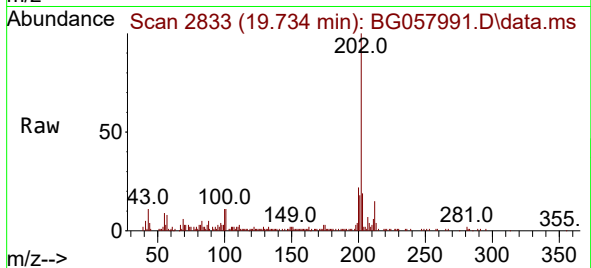
Tgt Ion:202 Resp: 44946

Ion Ratio Lower Upper

202 100

101 11.4 10.2 15.2

100 11.1 8.9 13.3



#85

Benzo(a)anthracene

Concen: 1.816 ng/ul

RT: 21.614 min Scan# 3153

Delta R.T. 0.066 min

Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

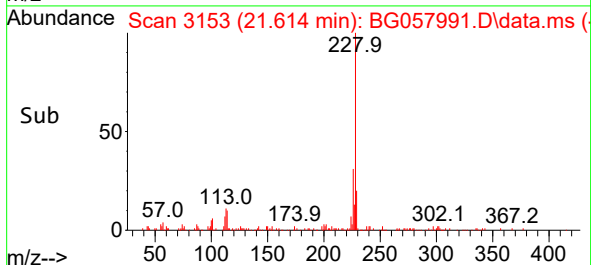
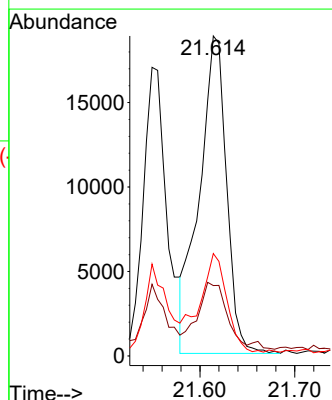
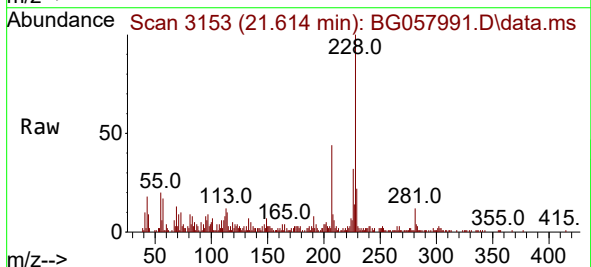
Tgt Ion:228 Resp: 37565

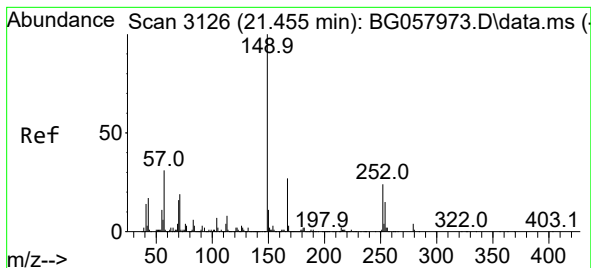
Ion Ratio Lower Upper

228 100

229 22.0 16.0 24.0

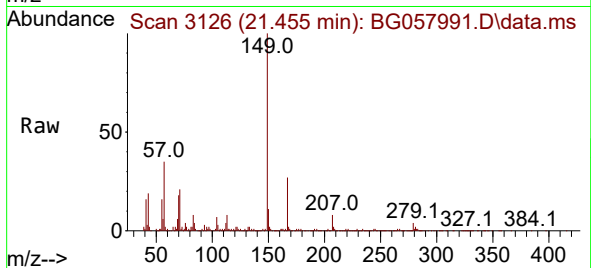
226 32.0 22.0 33.0



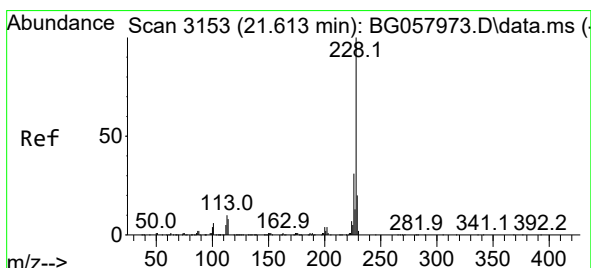
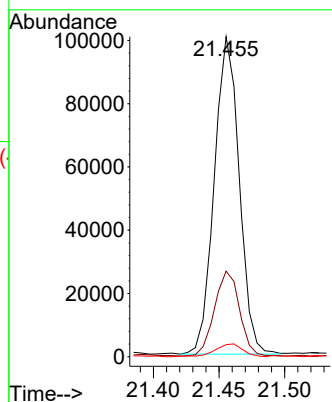
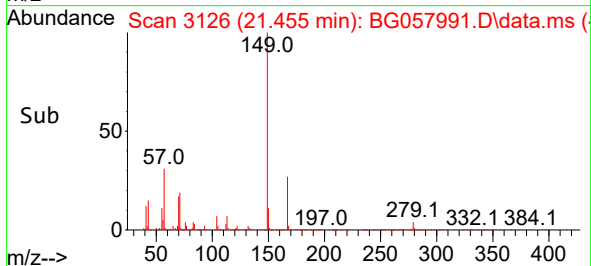


#86
 Bis(2-ethylhexyl)phthalate
 Concen: 10.770 ng/ul
 RT: 21.455 min Scan# 3126
 Delta R.T. 0.001 min
 Lab File: BG057991.D
 Acq: 4 Jul 2023 17:34

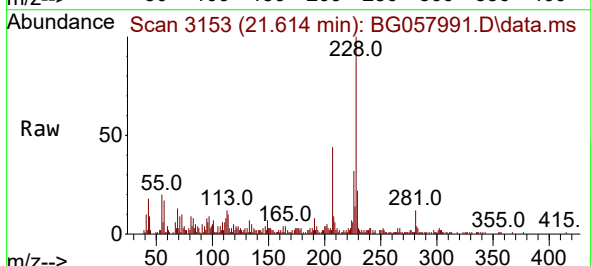
Instrument :
 BNA_G
 ClientSampleId :



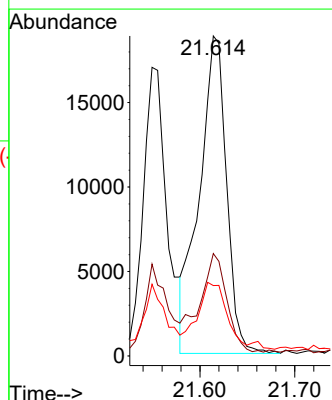
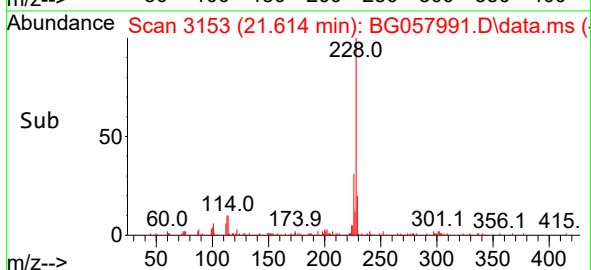
Tgt Ion:149 Resp: 132441
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.9 31.3
 279 3.8 3.1 4.7

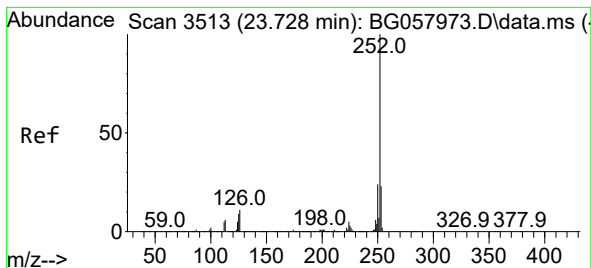


#87
 Chrysene
 Concen: 1.937 ng/ul
 RT: 21.614 min Scan# 3153
 Delta R.T. 0.001 min
 Lab File: BG057991.D
 Acq: 4 Jul 2023 17:34



Tgt Ion:228 Resp: 37565
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.4 36.6
 229 22.0 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 2.745 ng/ul

RT: 23.729 min Scan# 3513

Delta R.T. 0.001 min

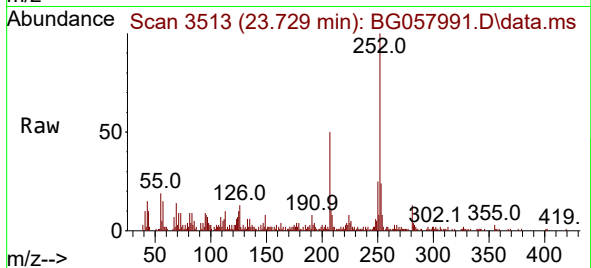
Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

Instrument :

BNA_G

ClientSampleId :



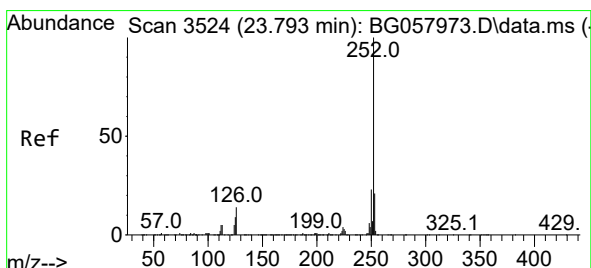
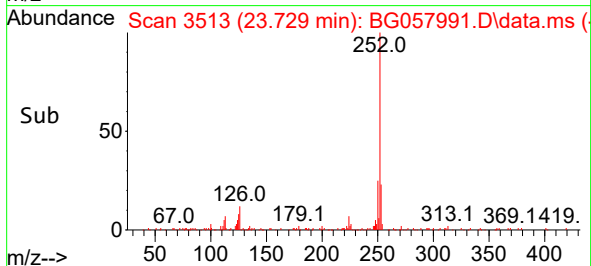
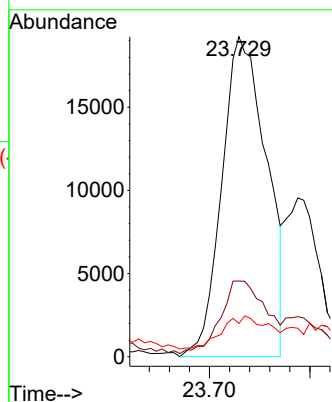
Tgt Ion:252 Resp: 59417

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

125 10.4 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 2.800 ng/ul

RT: 23.729 min Scan# 3513

Delta R.T. -0.064 min

Lab File: BG057991.D

Acq: 4 Jul 2023 17:34

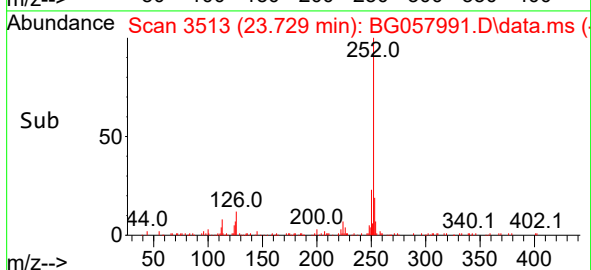
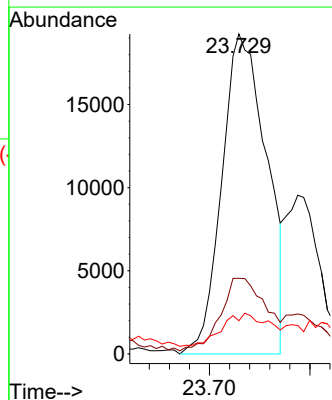
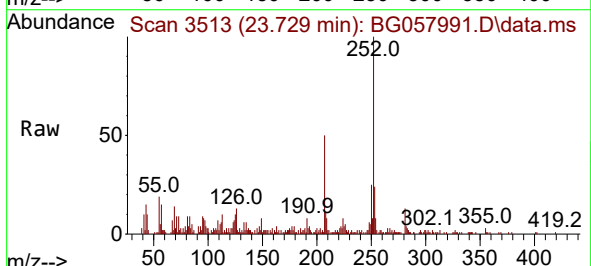
Tgt Ion:252 Resp: 59417

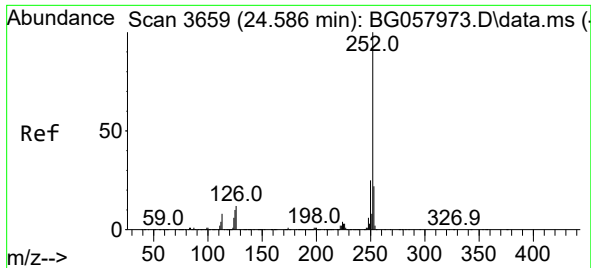
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

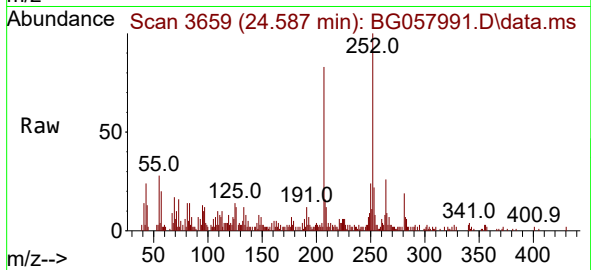
125 10.4 7.4 11.2





#93
 Benzo(a)pyrene
 Concen: 1.762 ng/ul
 RT: 24.587 min Scan# 30
 Delta R.T. 0.001 min
 Lab File: BG057991.D
 Acq: 4 Jul 2023 17:34

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:252 Resp: 33763
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.6
 125 14.0 8.3 12.5#

