

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
 Data File : BG057230.D
 Acq On : 28 Apr 2023 23:36
 Operator : CG/JU
 Sample : 02417-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW8W9

Quant Time: Apr 29 00:56:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 28 23:37:02 2023
 Response via : Initial Calibration

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

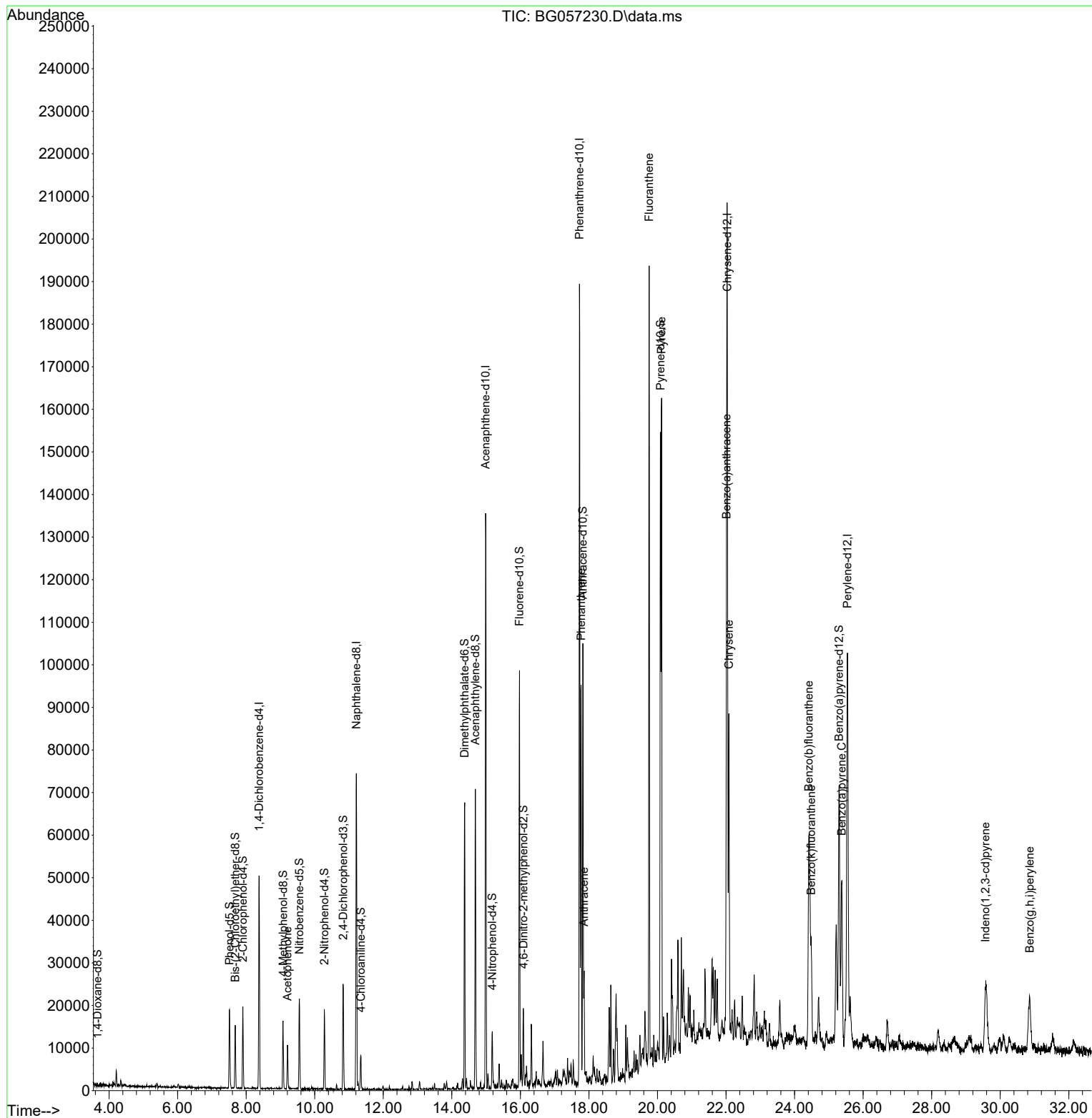
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	14073	20.000	ng/u1	0.00
20) Naphthalene-d8	11.215	136	61742	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.987	164	49348	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.724	188	121020	20.000	ng/u1	0.00
79) Chrysene-d12	22.036	240	110023	20.000	ng/u1	0.00
88) Perylene-d12	25.543	264	115497	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	447	1.398	ng/uL	0.00
4) Pyridine-d5	4.113	84	150	0.149	ng/u1	0.01
7) Phenol-d5	7.514	99	11688	8.782	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.685	67	7733	9.879	ng/u1	0.00
11) 2-Chlorophenol-d4	7.902	132	8438	9.621	ng/u1	0.00
15) 4-Methylphenol-d8	9.077	113	6604	6.529	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	4631	9.419	ng/u1	0.00
24) 2-Nitrophenol-d4	10.281	143	5808	10.122	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	10589	9.565	ng/u1	0.00
31) 4-Chloroaniline-d4	11.350	131	5259	3.584	ng/u1	0.01
46) Dimethylphthalate-d6	14.376	166	44838	11.467	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	49013	11.153	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	3505	6.158	ng/u1	0.00
60) Fluorene-d10	15.974	176	41399	11.365	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	5096	7.107	ng/u1	0.00
73) Anthracene-d10	17.824	188	62884	11.384	ng/u1	0.00
81) Pyrene-d10	20.091	212	79839	12.225	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.296	264	72488	12.319	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.206	105	6031	3.465	ng/u1	96
72) Phenanthrene	17.771	178	60874	9.659	ng/u1	98
74) Anthracene	17.859	178	17722	2.799	ng/u1	100
80) Fluoranthene	19.757	202	117430	15.137	ng/u1	99
82) Pyrene	20.121	202	105959	13.492	ng/u1	97
85) Benzo(a)anthracene	22.012	228	58789	7.555	ng/u1	97
87) Chrysene	22.083	228	58597	7.982	ng/u1	96
90) Benzo(b)fluoranthene	24.415	252	74015	9.254	ng/u1	99
91) Benzo(k)fluoranthene	24.486	252	19956	2.565	ng/u1	100
93) Benzo(a)pyrene	25.378	252	49762	7.207	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	29.567	276	19465	2.255	ng/u1	98
96) Benzo(g,h,i)perylene	30.859	276	30005	4.295	ng/u1#	95

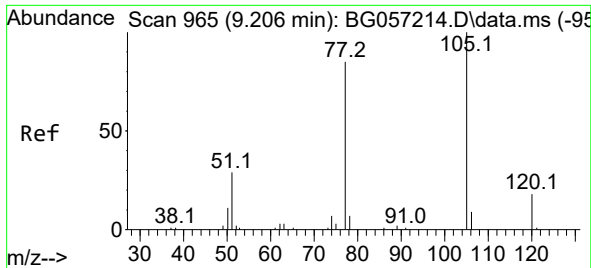
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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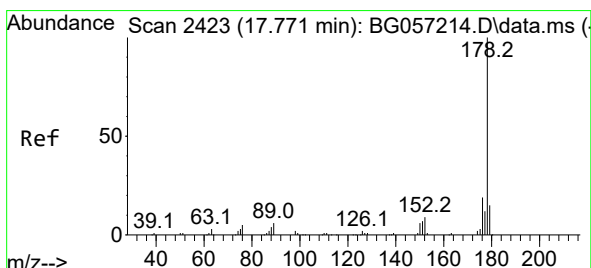
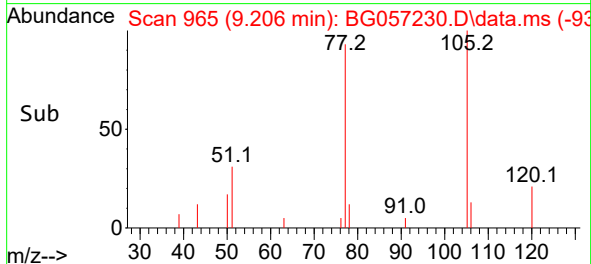
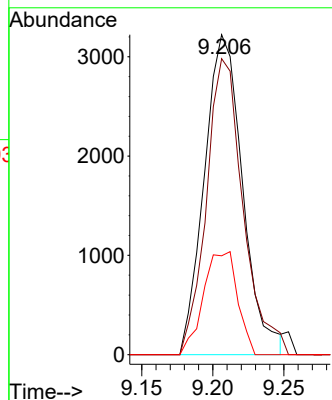
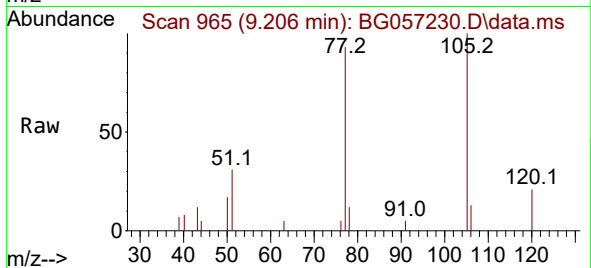




#16
Acetophenone
Concen: 3.465 ng/ul
RT: 9.206 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

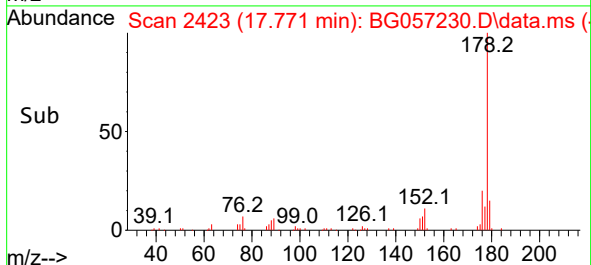
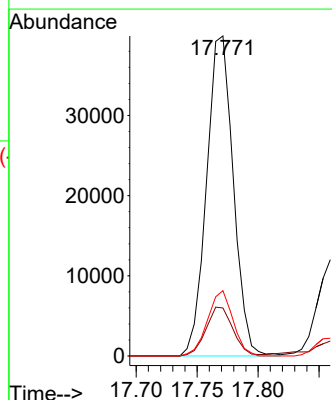
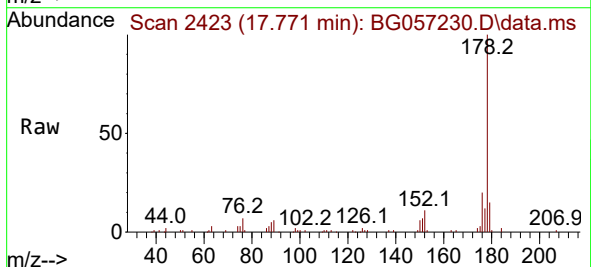
Instrument :
BNA_G
ClientSampleId :
EW8W9

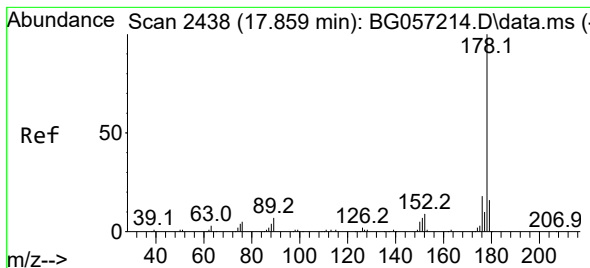
Tgt Ion:105 Resp: 6031
Ion Ratio Lower Upper
105 100
77 92.5 70.6 105.8
51 30.9 24.5 36.7



#72
Phenanthrene
Concen: 9.659 ng/ul
RT: 17.771 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

Tgt Ion:178 Resp: 60874
Ion Ratio Lower Upper
178 100
179 15.0 11.8 17.8
176 20.4 15.4 23.0





#74

Anthracene

Concen: 2.799 ng/ul

RT: 17.859 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BG057230.D

Acq: 28 Apr 2023 23:36

Instrument :

BNA_G

ClientSampleId :

EW8W9

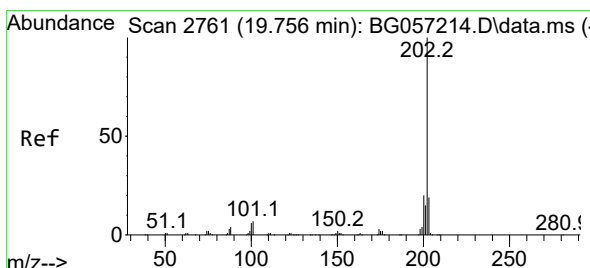
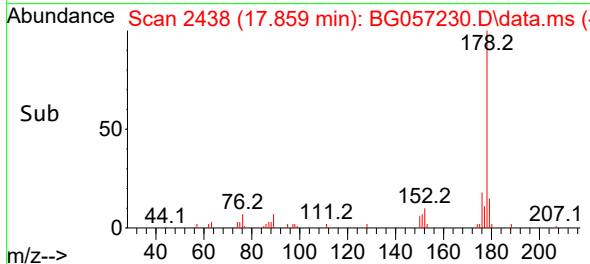
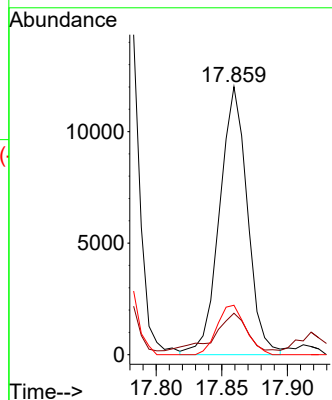
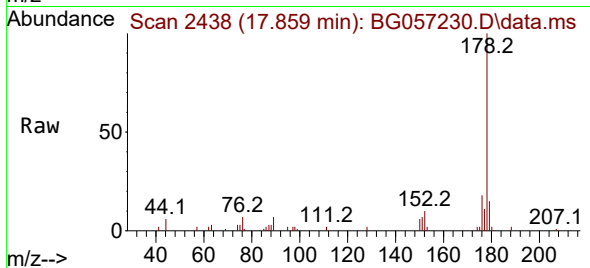
Tgt Ion:178 Resp: 17722

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.5 14.7 22.1



#80

Fluoranthene

Concen: 15.137 ng/ul

RT: 19.757 min Scan# 2761

Delta R.T. 0.000 min

Lab File: BG057230.D

Acq: 28 Apr 2023 23:36

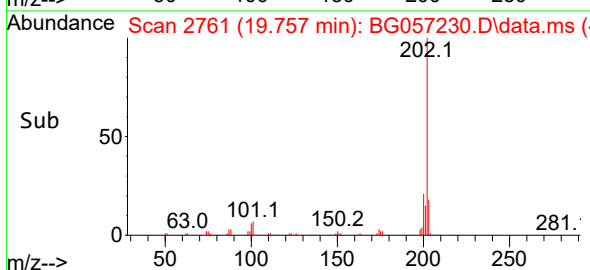
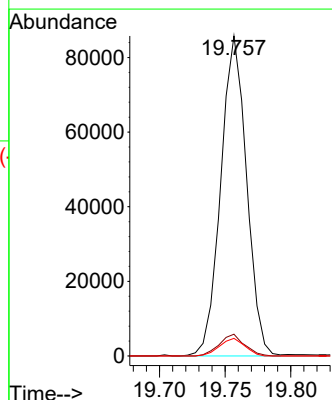
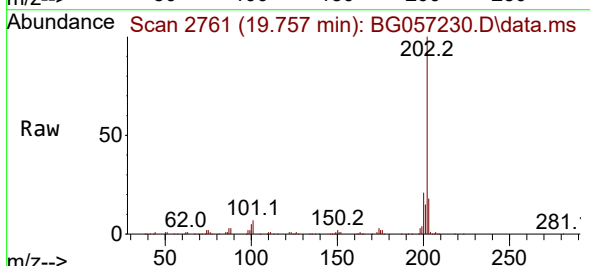
Tgt Ion:202 Resp: 117430

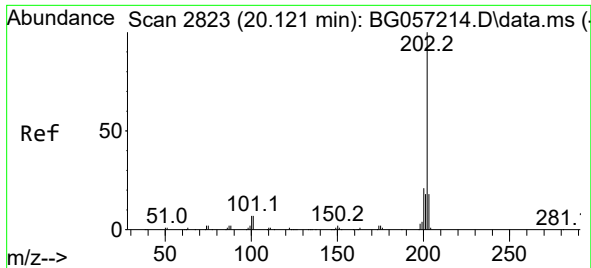
Ion Ratio Lower Upper

202 100

101 6.8 5.8 8.6

100 5.5 4.6 7.0

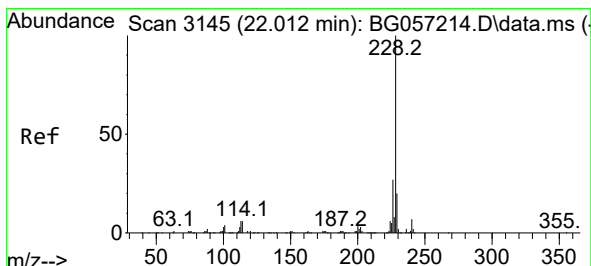
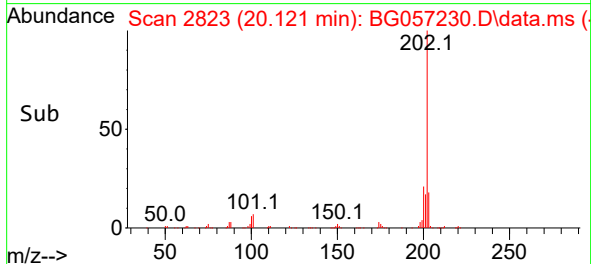
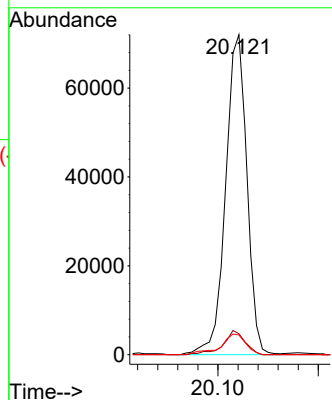
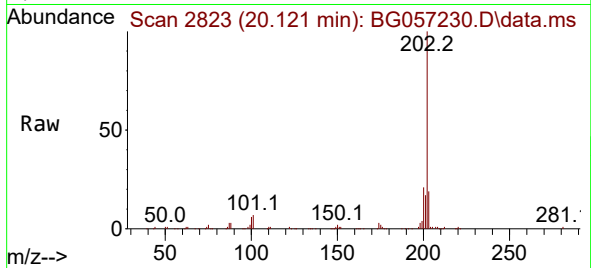




#82
 Pyrene
 Concen: 13.492 ng/ul
 RT: 20.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057230.D
 Acq: 28 Apr 2023 23:36

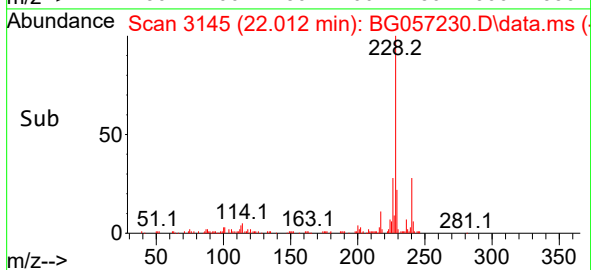
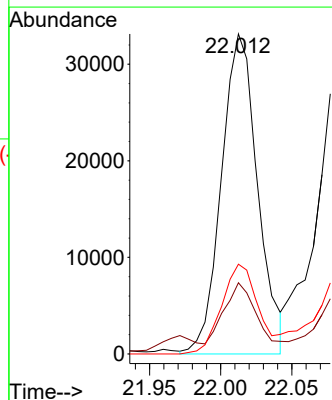
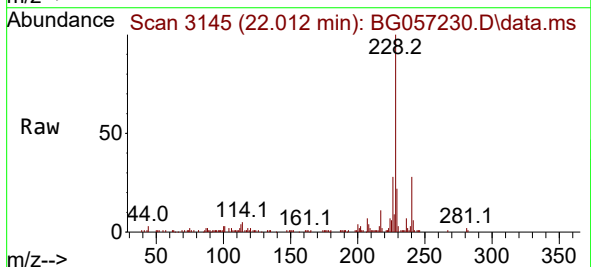
Instrument :
 BNA_G
 ClientSampleId :
 EW8W9

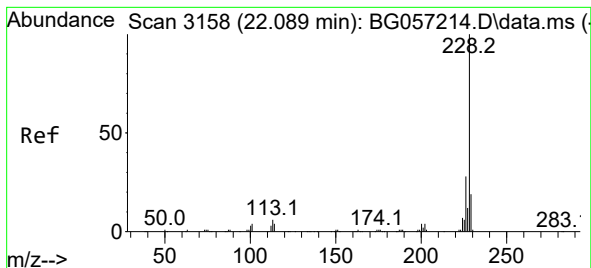
Tgt Ion:202 Resp: 105959
 Ion Ratio Lower Upper
 202 100
 101 6.6 5.7 8.5
 100 6.2 6.0 9.0



#85
 Benzo(a)anthracene
 Concen: 7.555 ng/ul
 RT: 22.012 min Scan# 3145
 Delta R.T. 0.000 min
 Lab File: BG057230.D
 Acq: 28 Apr 2023 23:36

Tgt Ion:228 Resp: 58789
 Ion Ratio Lower Upper
 228 100
 229 22.3 15.8 23.6
 226 28.1 21.7 32.5





#87

Chrysene

Concen: 7.982 ng/ul

RT: 22.083 min Scan# 3157

Delta R.T. -0.006 min

Lab File: BG057230.D

Acq: 28 Apr 2023 23:36

Instrument :

BNA_G

ClientSampleId :

EW8W9

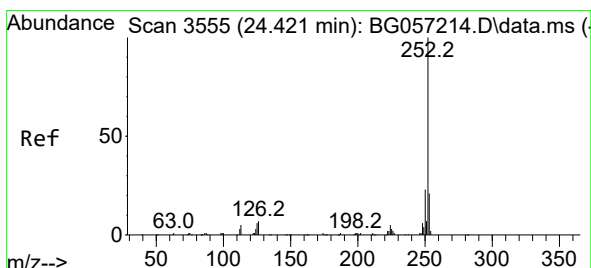
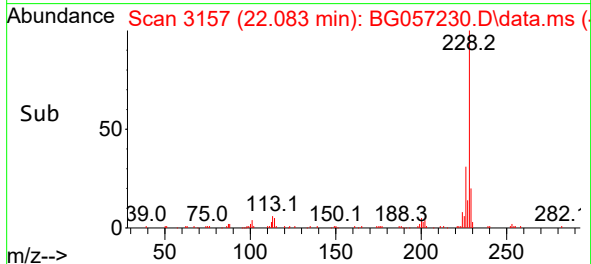
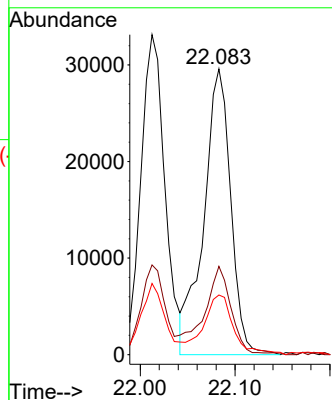
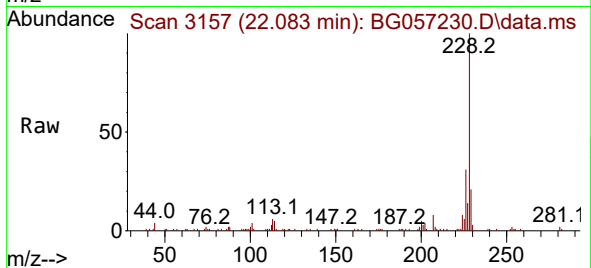
Tgt Ion:228 Resp: 58597

Ion Ratio Lower Upper

228 100

226 30.9 22.8 34.2

229 20.9 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 9.254 ng/ul

RT: 24.415 min Scan# 3554

Delta R.T. -0.006 min

Lab File: BG057230.D

Acq: 28 Apr 2023 23:36

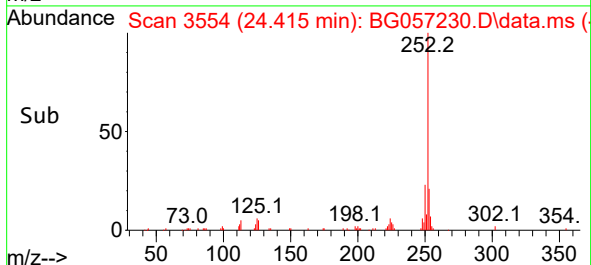
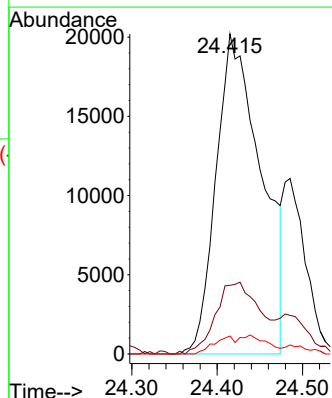
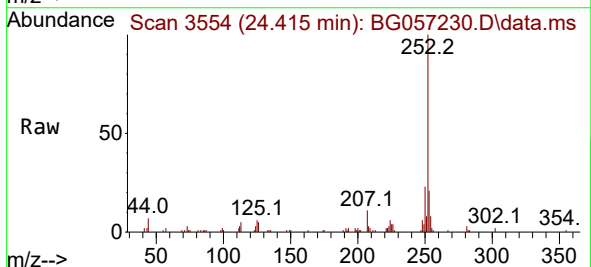
Tgt Ion:252 Resp: 74015

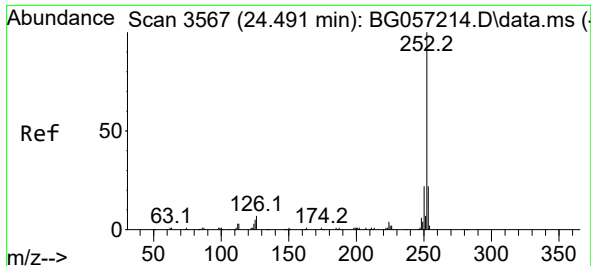
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 5.6 4.8 7.2

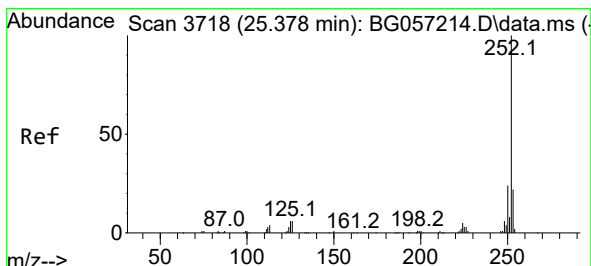
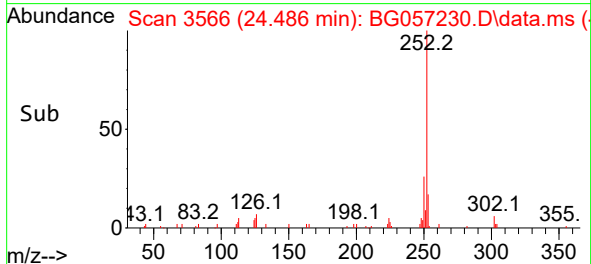
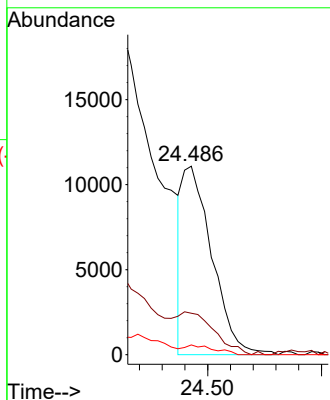
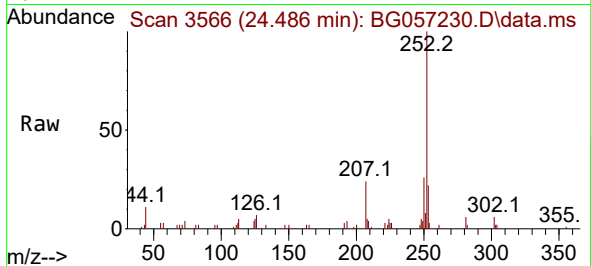




#91
Benzo(k)fluoranthene
Concen: 2.565 ng/ul
RT: 24.486 min Scan# 3566
Delta R.T. -0.006 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

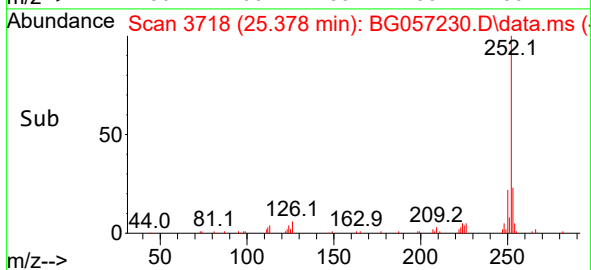
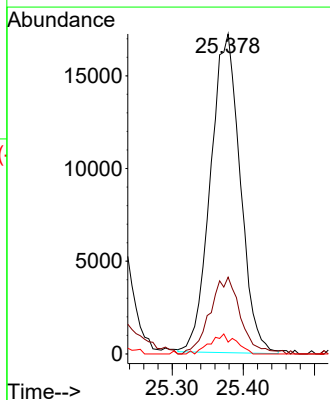
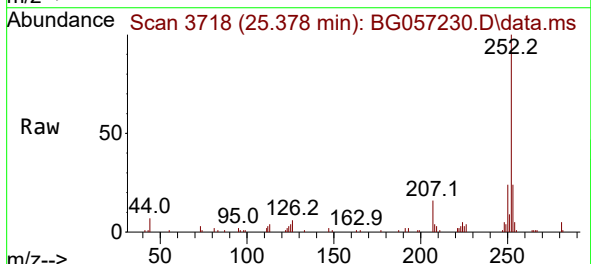
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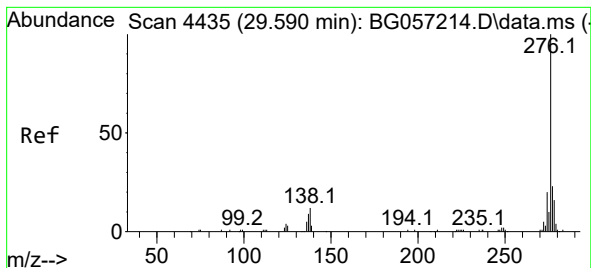
Tgt Ion:252 Resp: 19956
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 5.1 4.5 6.7



#93
Benzo(a)pyrene
Concen: 7.207 ng/ul
RT: 25.378 min Scan# 3718
Delta R.T. 0.000 min
Lab File: BG057230.D
Acq: 28 Apr 2023 23:36

Tgt Ion:252 Resp: 49762
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 3.7 5.1 7.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.255 ng/ul

RT: 29.567 min Scan# 4431

Delta R.T. -0.023 min

Lab File: BG057230.D

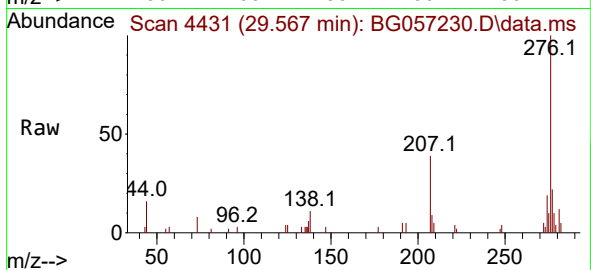
Acq: 28 Apr 2023 23:36

Instrument :

BNA_G

ClientSampleId :

EW8W9



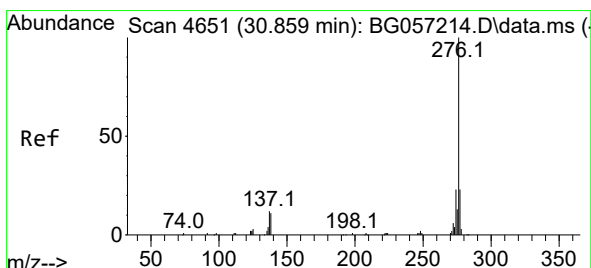
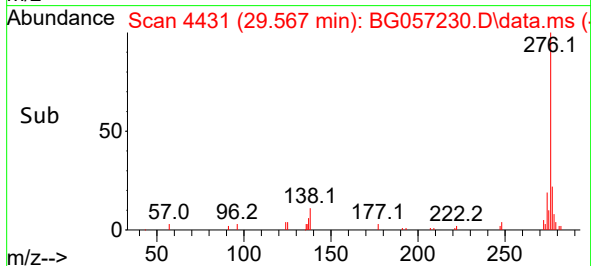
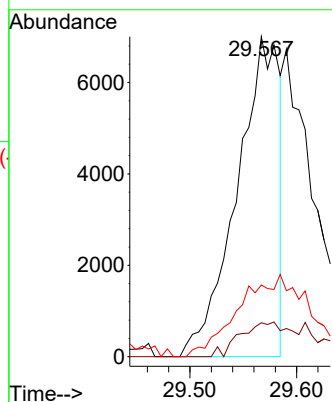
Tgt Ion:276 Resp: 19465

Ion Ratio Lower Upper

276 100

138 10.6 9.4 14.2

277 22.4 18.6 28.0



#96

Benzo(g,h,i)perylene

Concen: 4.295 ng/ul

RT: 30.859 min Scan# 4651

Delta R.T. 0.000 min

Lab File: BG057230.D

Acq: 28 Apr 2023 23:36

Tgt Ion:276 Resp: 30005

Ion Ratio Lower Upper

276 100

138 7.9 8.7 13.1#

277 21.0 18.4 27.6

