

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057273.D
 Acq On : 2 May 2023 10:58
 Operator : CG/JU
 Sample : 02419-27
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 01:04:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

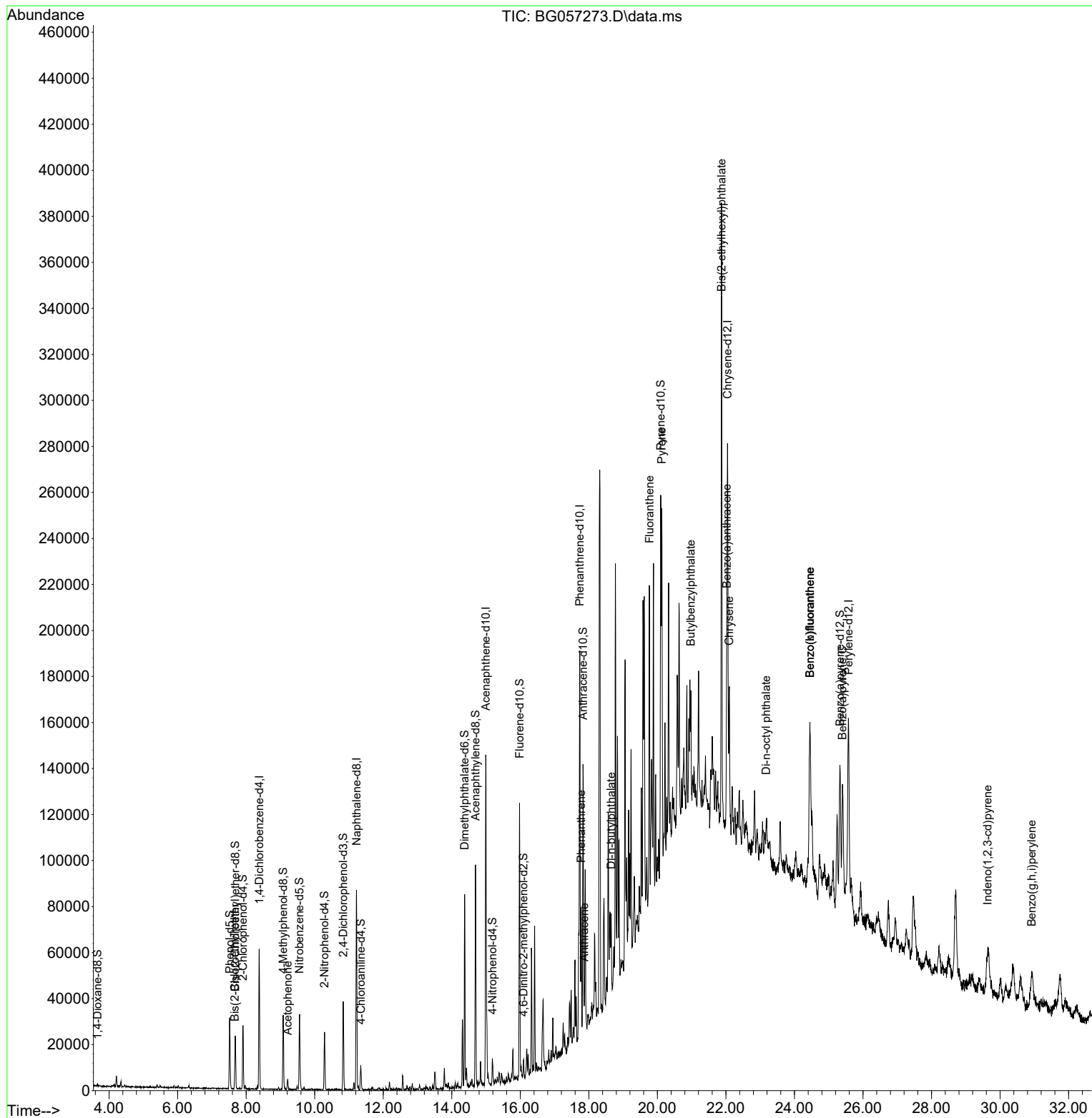
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.383	152	17207	20.000	ng/ul	0.00
20) Naphthalene-d8	11.221	136	71497	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.992	164	50681	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.735	188	106189	20.000	ng/ul	0.00
79) Chrysene-d12	22.047	240	93941	20.000	ng/ul	# 0.00
88) Perylene-d12	25.578	264	99034	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.660	96	517	1.322	ng/uL	0.00
4) Pyridine-d5	4.148	84	415	0.337	ng/ul	0.05
7) Phenol-d5	7.520	99	17092	10.503	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.684	67	11042	11.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.907	132	12464	11.623	ng/ul	0.00
15) 4-Methylphenol-d8	9.076	113	12618	10.202	ng/ul	0.00
21) Nitrobenzene-d5	9.552	128	7248	12.730	ng/ul	0.00
24) 2-Nitrophenol-d4	10.287	143	7985	12.017	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.833	165	14713	11.477	ng/ul	0.00
31) 4-Chloroaniline-d4	11.350	131	5659	3.331	ng/ul	0.00
46) Dimethylphthalate-d6	14.375	166	53702	13.373	ng/ul	0.00
49) Acenaphthylene-d8	14.692	160	64161	14.215	ng/ul	0.00
54) 4-Nitrophenol-d4	15.186	143	2860	4.893	ng/ul	0.00
60) Fluorene-d10	15.979	176	49292	13.176	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	1931	3.069	ng/ul	0.00
73) Anthracene-d10	17.829	188	70878	14.623	ng/ul	0.00
81) Pyrene-d10	20.097	212	80907	14.510	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.331	264	73303	14.528	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.667	93	1745	1.422	ng/ul#	17
16) Acetophenone	9.212	105	2886	1.356	ng/ul	98
72) Phenanthrene	17.776	178	35029	6.335	ng/ul	99
74) Anthracene	17.865	178	7205	1.297	ng/ul	97
78) Di-n-butylphthalate	18.652	149	13003	2.450	ng/ul#	96
80) Fluoranthene	19.768	202	92532	13.970	ng/ul#	97
82) Pyrene	20.126	202	87679	13.076	ng/ul	98
83) Butylbenzylphthalate	20.978	149	12441	5.794	ng/ul	90
85) Benzo(a)anthracene	22.024	228	51794	7.796	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.871	149	118758	38.025	ng/ul	96
87) Chrysene	22.094	228	54220	8.650	ng/ul	96
89) Di-n-octyl phthalate	23.175	149	10858	1.985	ng/ul	100
90) Benzo(b)fluoranthene	24.450	252	75832	11.057	ng/ul#	90
91) Benzo(k)fluoranthene	24.450	252	75832	11.366	ng/ul#	91
93) Benzo(a)pyrene	25.401	252	53438	9.026	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.637	276	30211	4.082	ng/ul	96
96) Benzo(g,h,i)perylene	30.923	276	40024	6.682	ng/ul#	92

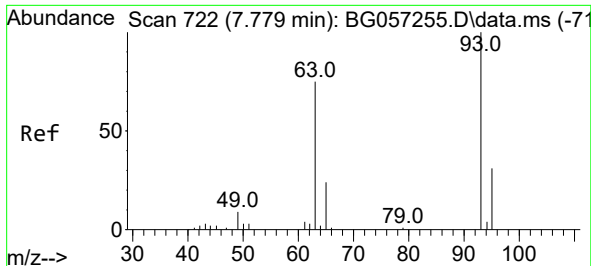
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057273.D
 Acq On : 2 May 2023 10:58
 Operator : CG/JU
 Sample : 02419-27
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

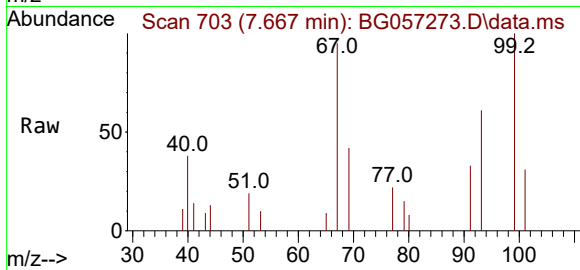
Quant Time: May 03 01:04:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration



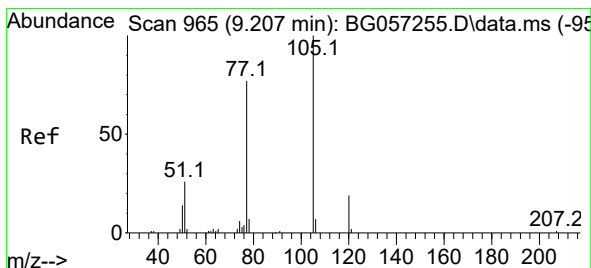
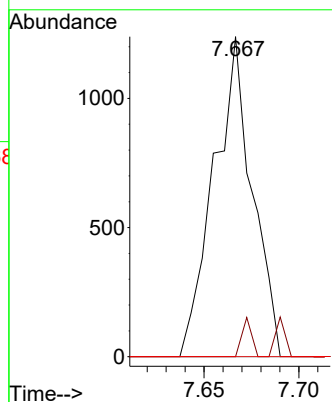
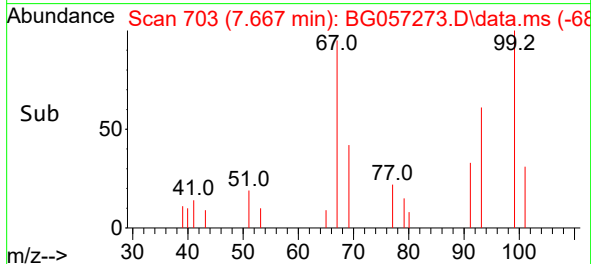


#10
Bis(2-Chloroethyl)ether
Concen: 1.422 ng/ul
RT: 7.667 min Scan# 703
Delta R.T. -0.109 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Instrument :
BNA_G
ClientSampleId :

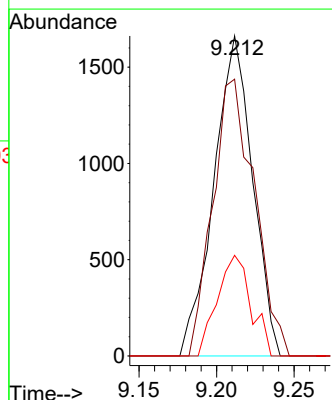
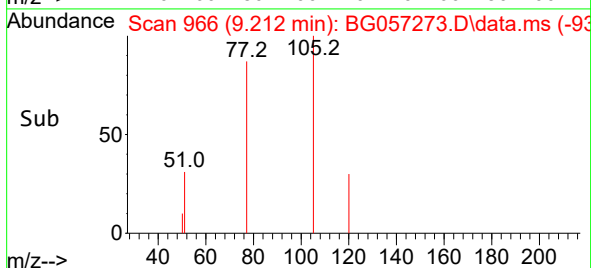
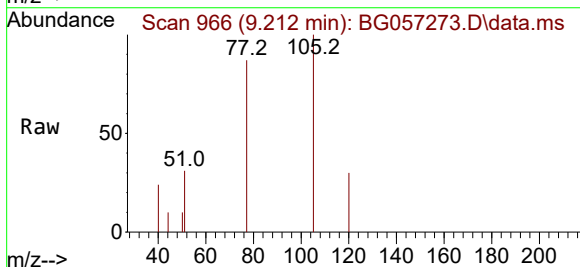


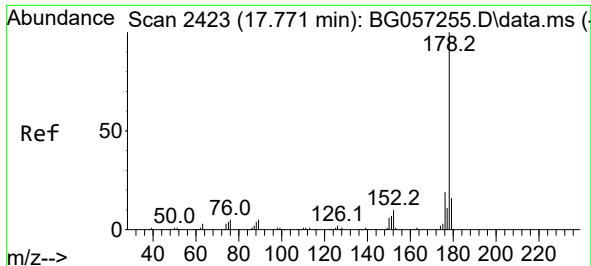
Tgt Ion: 93 Resp: 1745
Ion Ratio Lower Upper
93 100
63 0.0 67.2 100.8#
95 0.0 26.3 39.5#



#16
Acetophenone
Concen: 1.356 ng/ul
RT: 9.212 min Scan# 966
Delta R.T. 0.002 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Tgt Ion: 105 Resp: 2886
Ion Ratio Lower Upper
105 100
77 86.5 70.6 105.8
51 31.5 24.5 36.7

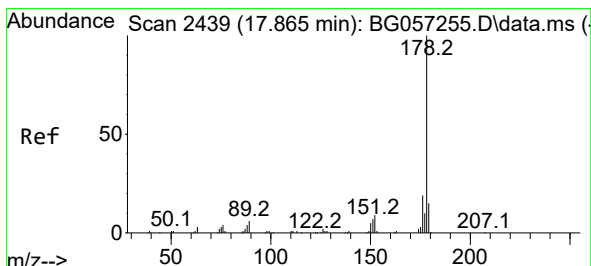
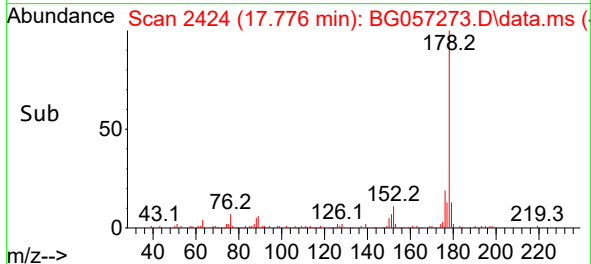
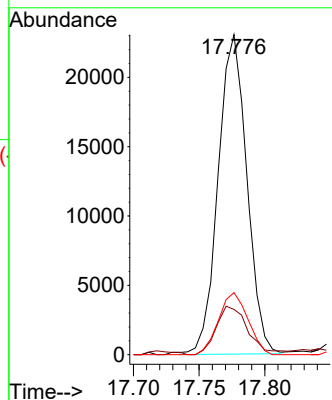
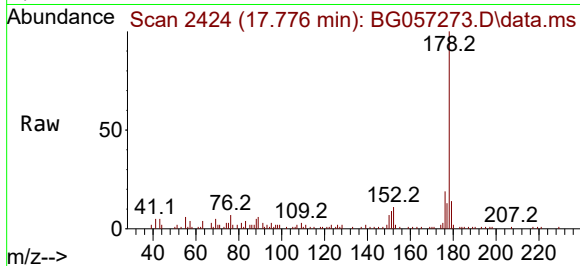




#72
Phenanthrene
Concen: 6.335 ng/u1
RT: 17.776 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

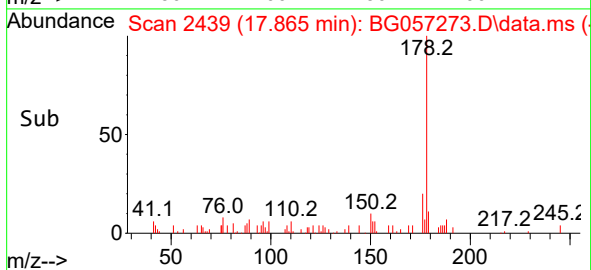
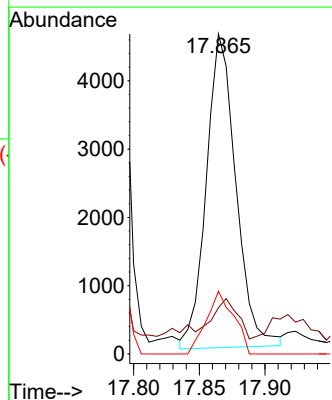
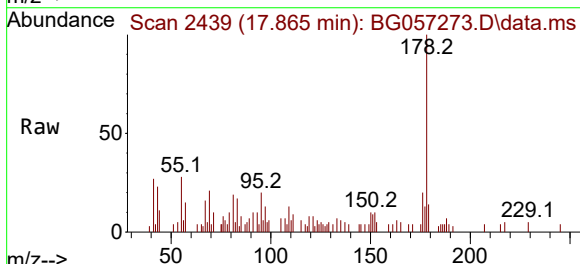
Instrument :
BNA_G
ClientSampleId :

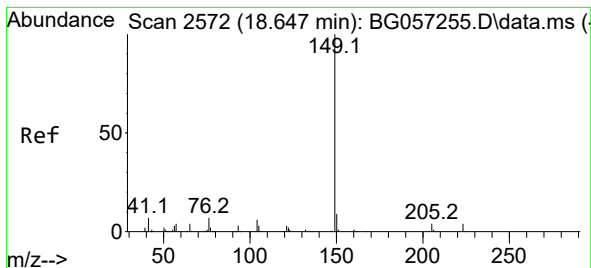
Tgt Ion:178 Resp: 35029
Ion Ratio Lower Upper
178 100
179 14.1 11.8 17.8
176 19.4 15.4 23.0



#74
Anthracene
Concen: 1.297 ng/u1
RT: 17.865 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Tgt Ion:178 Resp: 7205
Ion Ratio Lower Upper
178 100
179 14.4 12.5 18.7
176 19.6 14.7 22.1





#78

Di-n-butylphthalate

Concen: 2.450 ng/ul

RT: 18.652 min Scan# 2

Delta R.T. 0.002 min

Lab File: BG057273.D

Acq: 2 May 2023 10:58

Instrument :

BNA_G

ClientSampleId :

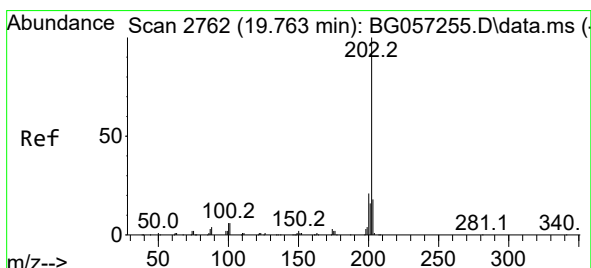
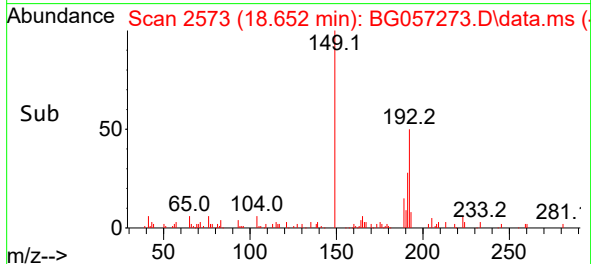
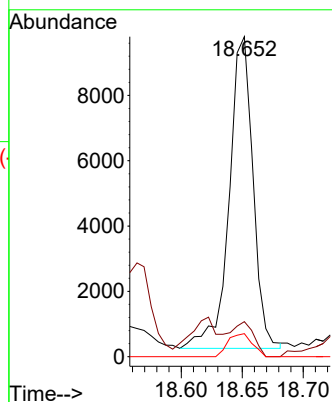
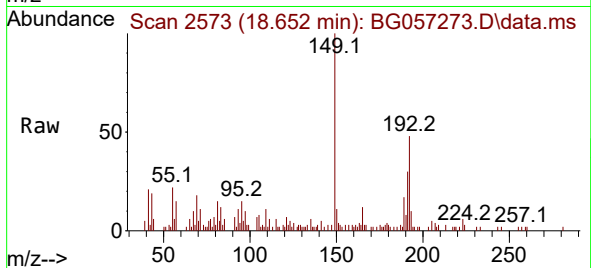
Tgt Ion:149 Resp: 13003

Ion Ratio Lower Upper

149 100

150 11.0 7.3 10.9#

104 7.2 5.0 7.6



#80

Fluoranthene

Concen: 13.970 ng/ul

RT: 19.768 min Scan# 2763

Delta R.T. 0.002 min

Lab File: BG057273.D

Acq: 2 May 2023 10:58

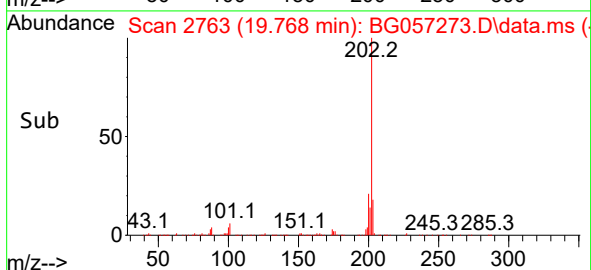
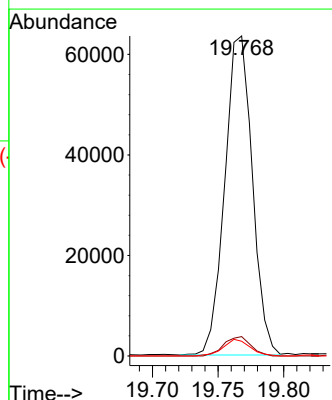
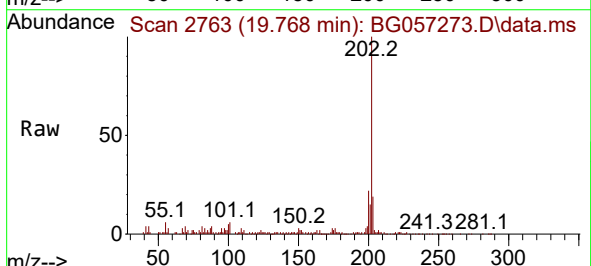
Tgt Ion:202 Resp: 92532

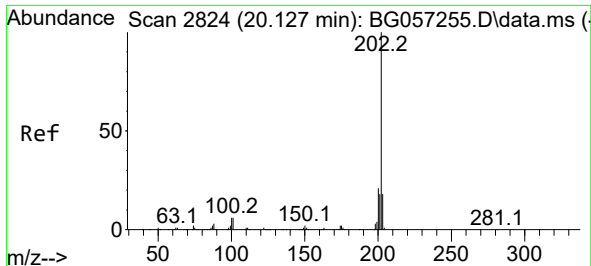
Ion Ratio Lower Upper

202 100

101 6.1 5.8 8.6

100 4.6 4.6 7.0#

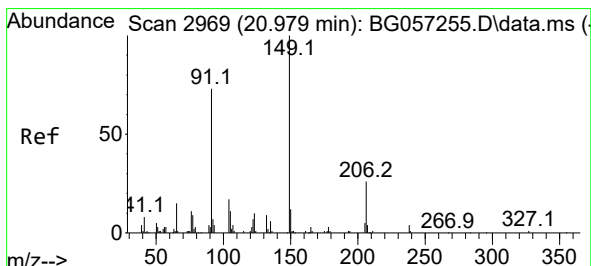
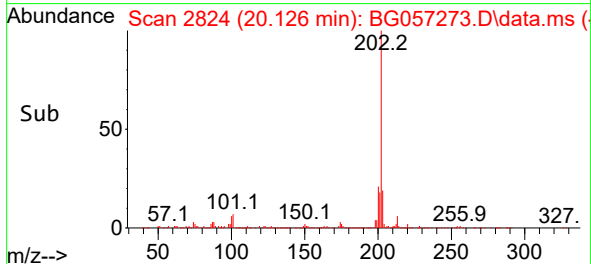
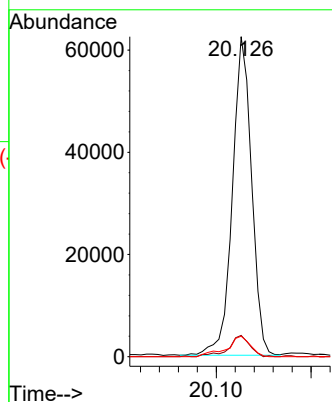
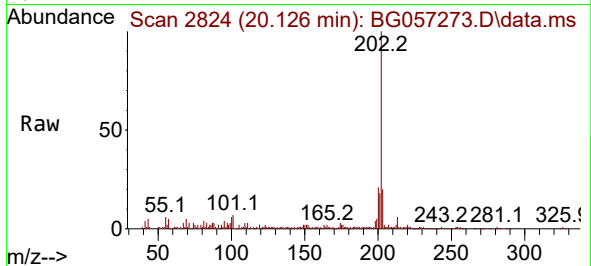




#82
 Pyrene
 Concen: 13.076 ng/ul
 RT: 20.126 min Scan# 2824
 Delta R.T. 0.002 min
 Lab File: BG057273.D
 Acq: 2 May 2023 10:58

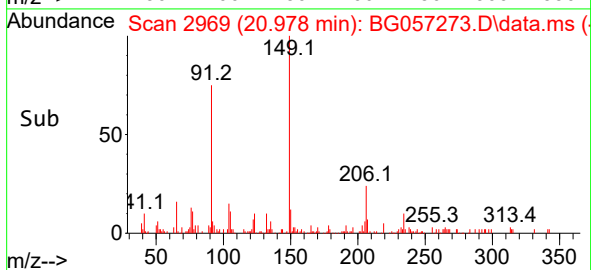
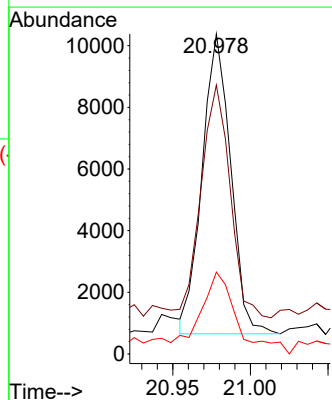
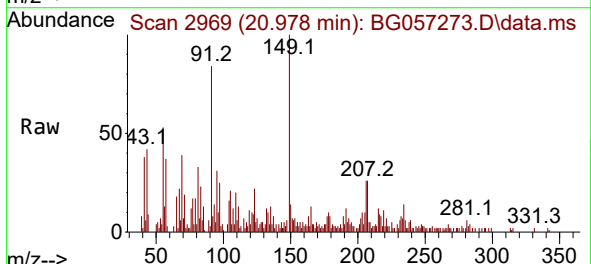
Instrument :
 BNA_G
 ClientSampleId :

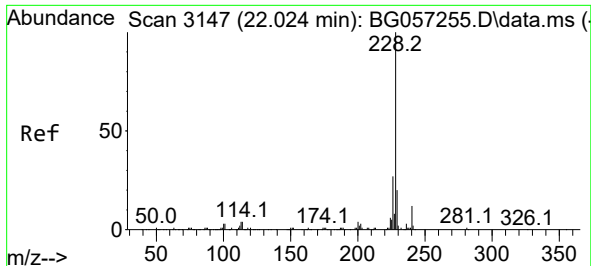
Tgt Ion:202 Resp: 87679
 Ion Ratio Lower Upper
 202 100
 101 6.7 5.7 8.5
 100 6.4 6.0 9.0



#83
 Butylbenzylphthalate
 Concen: 5.794 ng/ul
 RT: 20.978 min Scan# 2969
 Delta R.T. -0.004 min
 Lab File: BG057273.D
 Acq: 2 May 2023 10:58

Tgt Ion:149 Resp: 12441
 Ion Ratio Lower Upper
 149 100
 91 84.1 58.6 87.8
 206 25.6 19.8 29.8

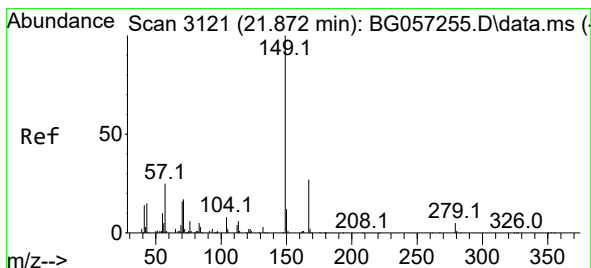
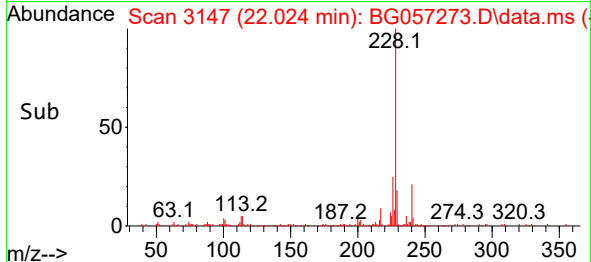
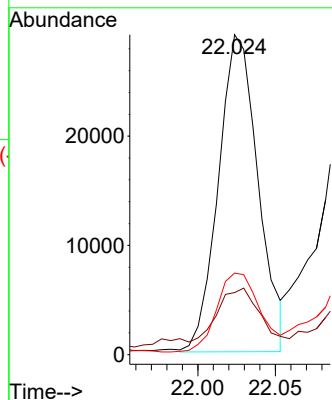
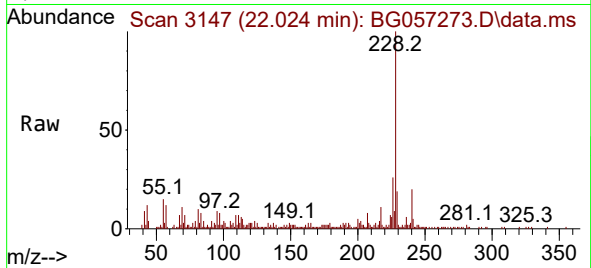




#85
Benzo(a)anthracene
Concen: 7.796 ng/ul
RT: 22.024 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

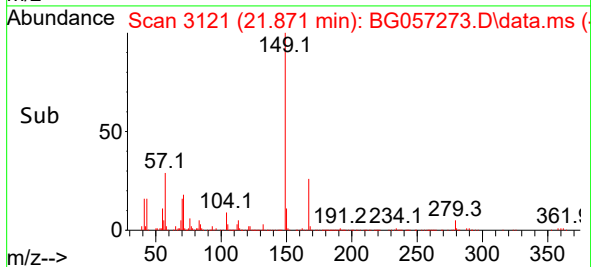
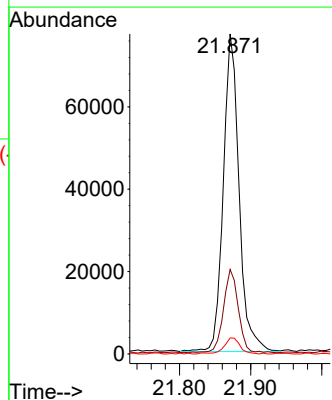
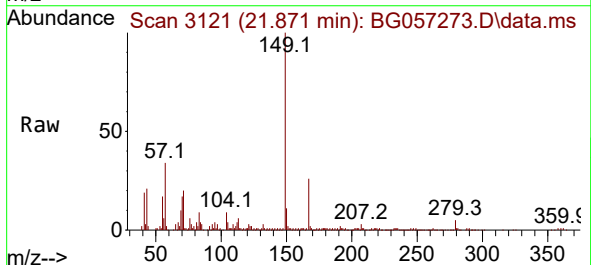
Instrument :
BNA_G
ClientSampleId :

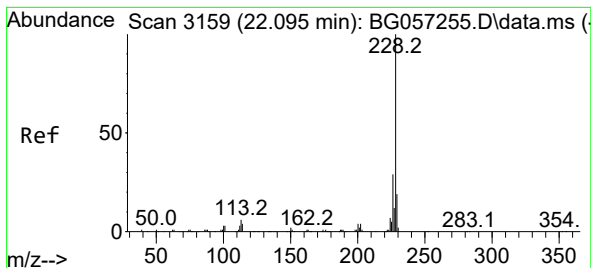
Tgt Ion:228 Resp: 51794
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 25.5 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 38.025 ng/ul
RT: 21.871 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Tgt Ion:149 Resp: 118758
Ion Ratio Lower Upper
149 100
167 26.4 23.0 34.6
279 5.0 3.6 5.4





#87

Chrysene

Concen: 8.650 ng/ul

RT: 22.094 min Scan# 3159

Delta R.T. -0.004 min

Lab File: BG057273.D

Acq: 2 May 2023 10:58

Instrument :

BNA_G

ClientSampleId :

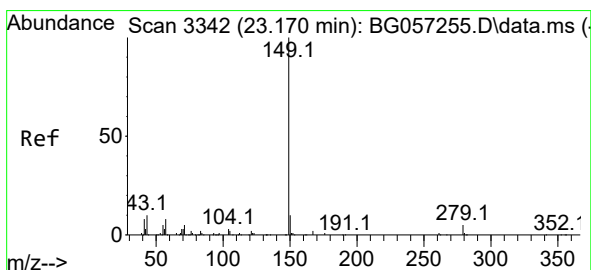
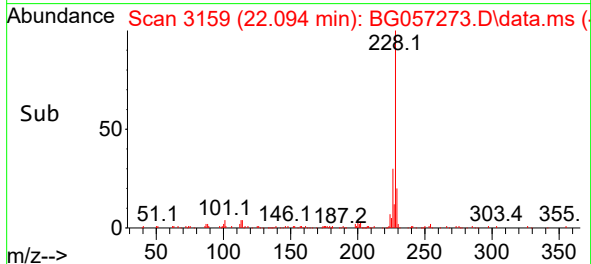
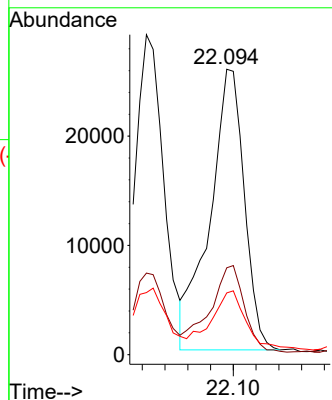
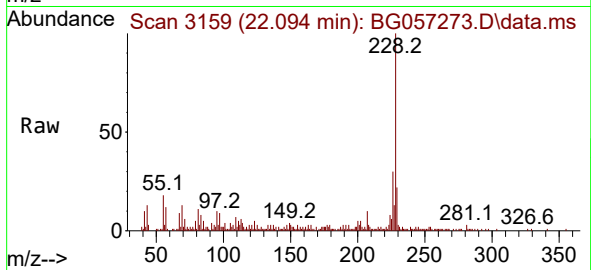
Tgt Ion:228 Resp: 54220

Ion Ratio Lower Upper

228 100

226 30.4 22.8 34.2

229 21.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 1.985 ng/ul

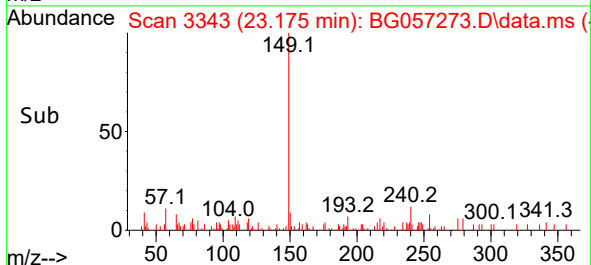
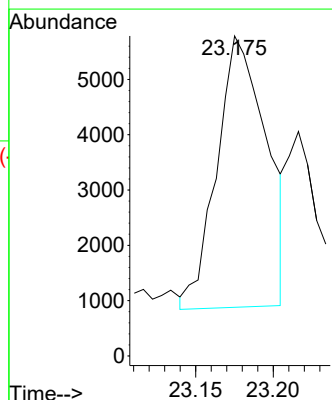
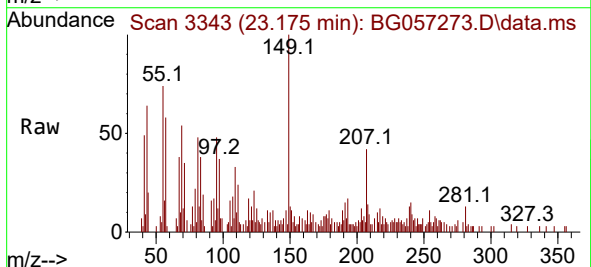
RT: 23.175 min Scan# 3343

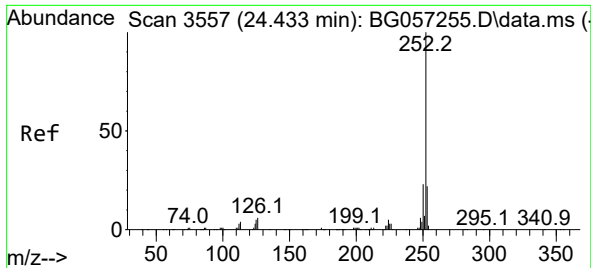
Delta R.T. -0.004 min

Lab File: BG057273.D

Acq: 2 May 2023 10:58

Tgt Ion:149 Resp: 10858

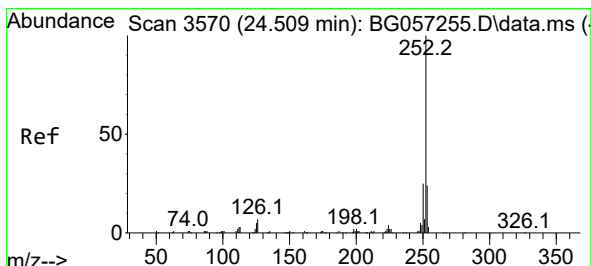
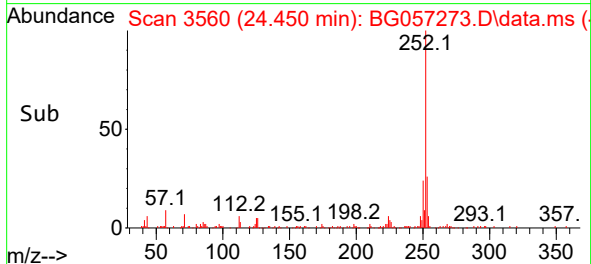
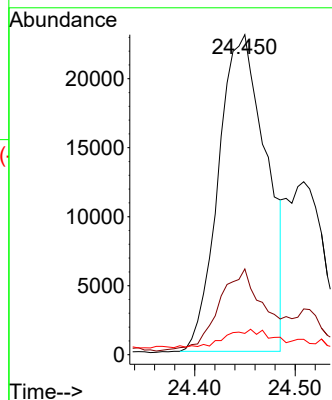
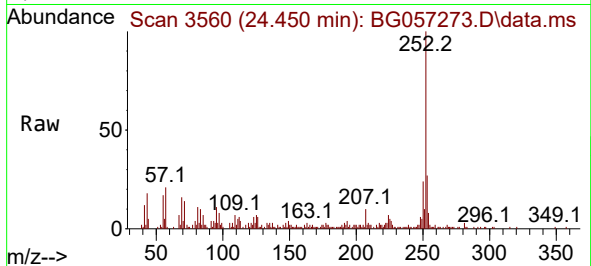




#90
Benzo(b)fluoranthene
Concen: 11.057 ng/ul
RT: 24.450 min Scan# 3560
Delta R.T. 0.014 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

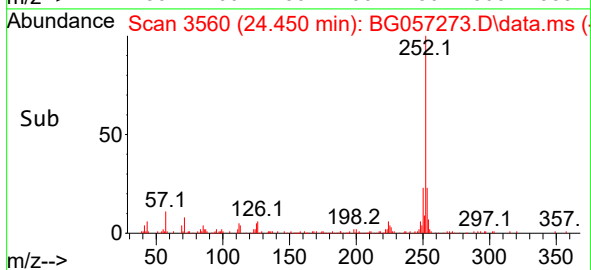
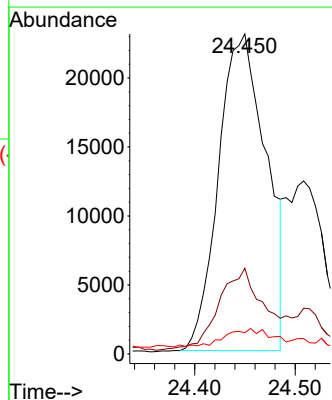
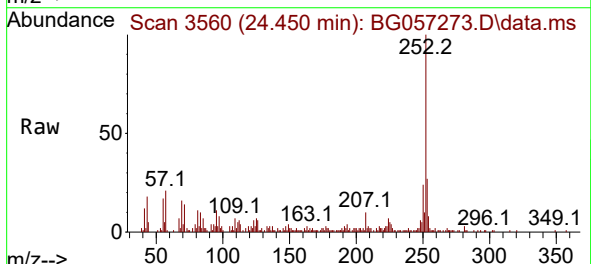
Instrument :
BNA_G
ClientSampleId :

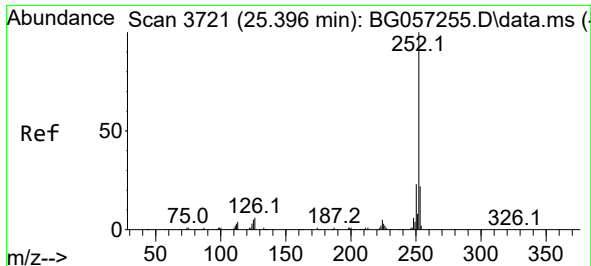
Tgt Ion:252 Resp: 75832
Ion Ratio Lower Upper
252 100
253 26.8 16.7 25.1#
125 6.6 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 11.366 ng/ul
RT: 24.450 min Scan# 3560
Delta R.T. -0.062 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Tgt Ion:252 Resp: 75832
Ion Ratio Lower Upper
252 100
253 26.8 17.7 26.5#
125 6.6 4.5 6.7

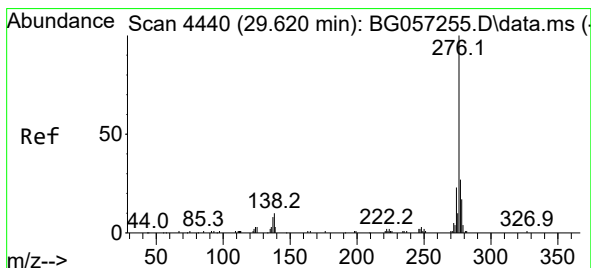
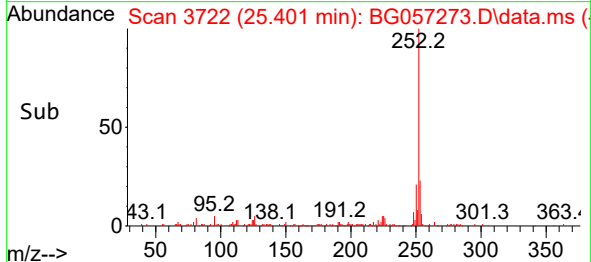
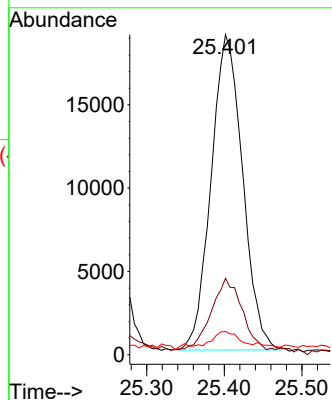
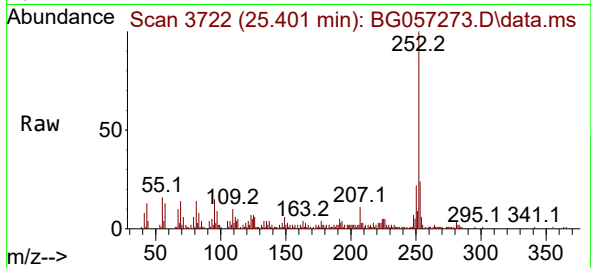




#93
Benzo(a)pyrene
Concen: 9.026 ng/u1
RT: 25.401 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

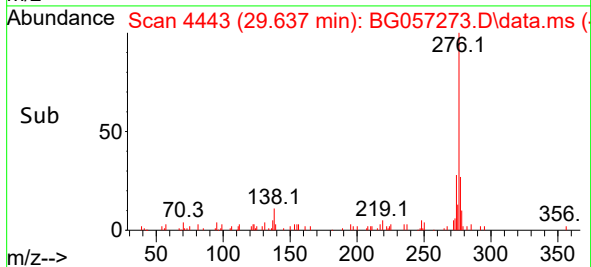
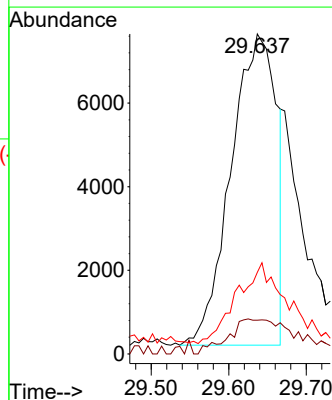
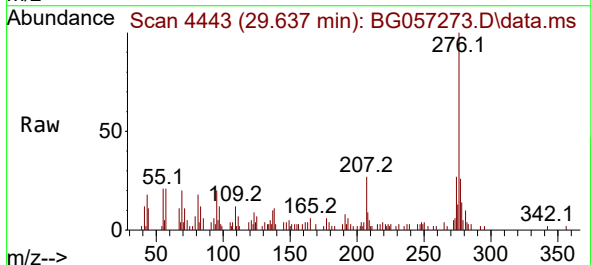
Instrument :
BNA_G
ClientSampleId :

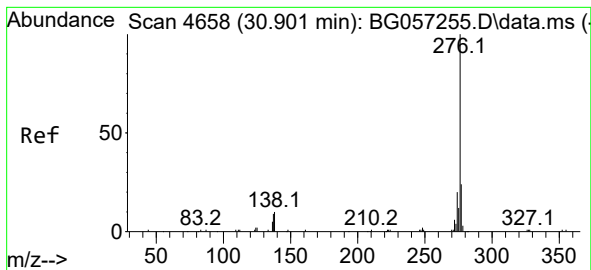
Tgt Ion:252 Resp: 53438
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 7.3 5.1 7.7



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.082 ng/u1
RT: 29.637 min Scan# 4443
Delta R.T. 0.014 min
Lab File: BG057273.D
Acq: 2 May 2023 10:58

Tgt Ion:276 Resp: 30211
Ion Ratio Lower Upper
276 100
138 10.5 9.4 14.2
277 25.5 18.6 28.0





#96

Benzo(g,h,i)perylene

Concen: 6.682 ng/ul

RT: 30.923 min Scan# 4

Delta R.T. 0.014 min

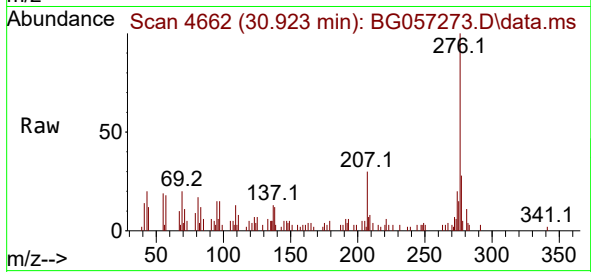
Lab File: BG057273.D

Acq: 2 May 2023 10:58

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:276 Resp: 40024

Ion Ratio Lower Upper

276 100

138 12.1 8.7 13.1

277 27.7 18.4 27.6#

