

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
 Data File : BG057319.D
 Acq On : 5 May 2023 15:39
 Operator : CG/JU
 Sample : 02479-13DL 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW976DL

Quant Time: May 05 23:55:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 11:20:08 2023
 Response via : Initial Calibration

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

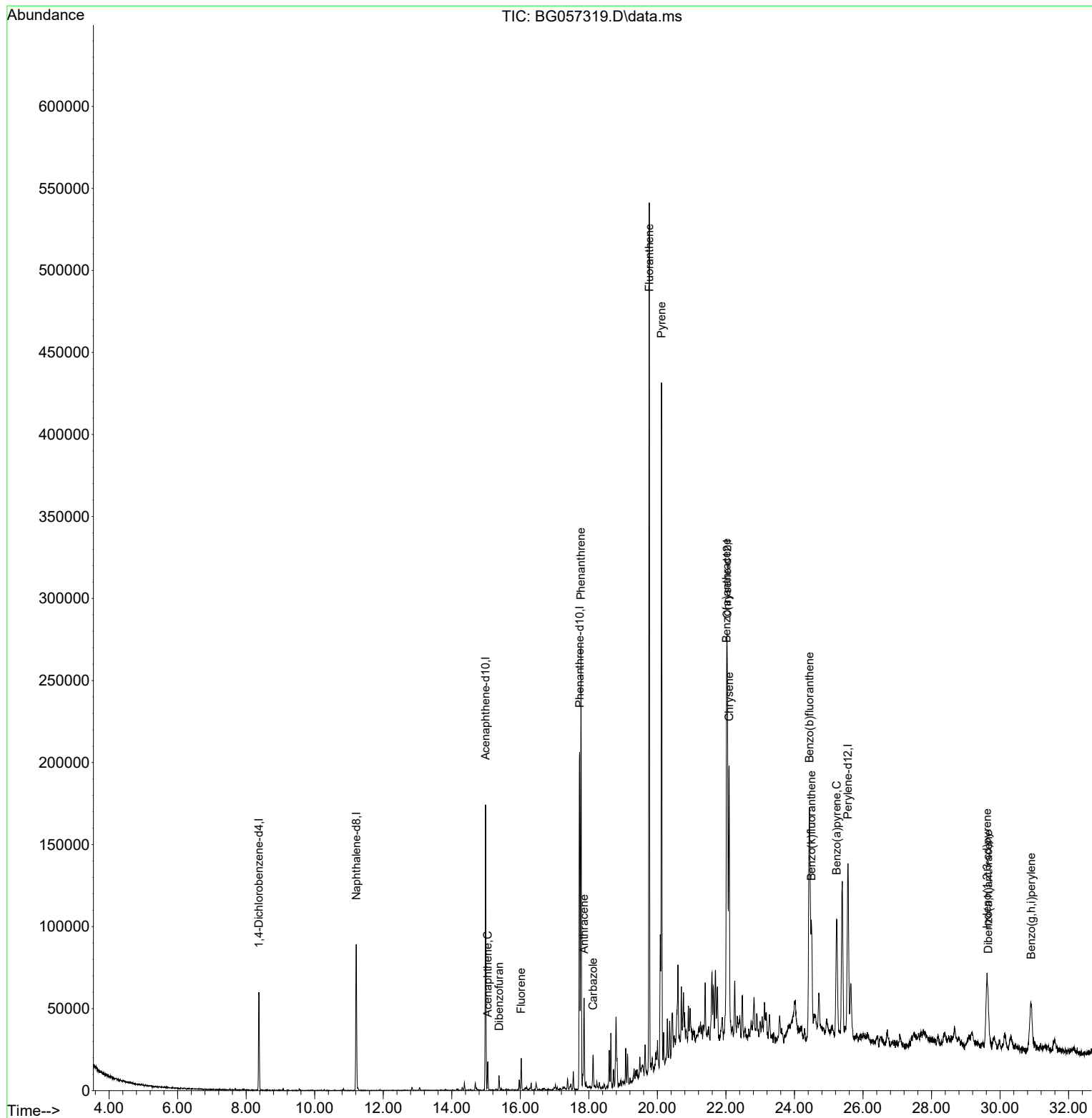
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.372	152	17278	20.000	ng/ul	0.00
20) Naphthalene-d8	11.215	136	78728	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.987	164	62398	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	142704	20.000	ng/ul	0.00
79) Chrysene-d12	22.042	240	118193	20.000	ng/ul	0.00
88) Perylene-d12	25.560	264	130344	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	4.095	84	162	0.131	ng/ul	0.00
7) Phenol-d5	7.520	99	661	0.405	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	450	0.468	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	569	0.528	ng/ul	0.00
15) 4-Methylphenol-d8	9.089	113	541	0.436	ng/ul	0.01
21) Nitrobenzene-d5	9.547	128	269	0.429	ng/ul	0.00
24) 2-Nitrophenol-d4	10.281	143	137	0.187	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.839	165	745	0.528	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul	
46) Dimethylphthalate-d6	14.370	166	3429	0.694	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	3867	0.696	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.973	176	3142	0.682	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.824	188	5198	0.798	ng/ul	0.00
81) Pyrene-d10	20.091	212	5564	0.793	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.314	264	5352	0.806	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	15.051	153	7934	1.972	ng/ul	97
56) Dibenzofuran	15.380	168	6458	1.112	ng/ul	93
61) Fluorene	16.026	166	9668	1.968	ng/ul	97
72) Phenanthrene	17.771	178	171963	23.140	ng/ul	99
74) Anthracene	17.859	178	40514	5.427	ng/ul	97
77) Carbazole	18.123	167	13656	2.189	ng/ul	96
80) Fluoranthene	19.762	202	338254	40.589	ng/ul	97
82) Pyrene	20.121	202	282410	33.475	ng/ul#	98
85) Benzo(a)anthracene	22.018	228	141851	16.969	ng/ul	97
87) Chrysene	22.095	228	137818	17.475	ng/ul	98
90) Benzo(b)fluoranthene	24.438	252	184587	20.450	ng/ul	98
91) Benzo(k)fluoranthene	24.497	252	60900	6.935	ng/ul	100
93) Benzo(a)pyrene	25.232	252	76638	9.835	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.620	276	83507	8.573	ng/ul	94
95) Dibenzo(a,h)anthracene	29.655	278	11836	1.465	ng/ul	94
96) Benzo(g,h,i)perylene	30.906	276	72492	9.195	ng/ul	100

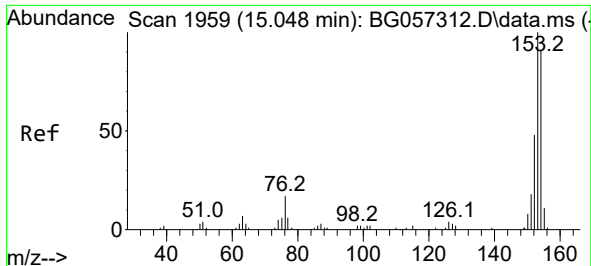
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050523\
Data File : BG057319.D
Acq On : 5 May 2023 15:39
Operator : CG/JU
Sample : 02479-13DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW976DL

Quant Time: May 05 23:55:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 11:20:08 2023
Response via : Initial Calibration

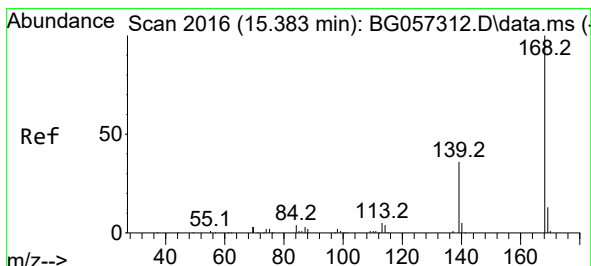
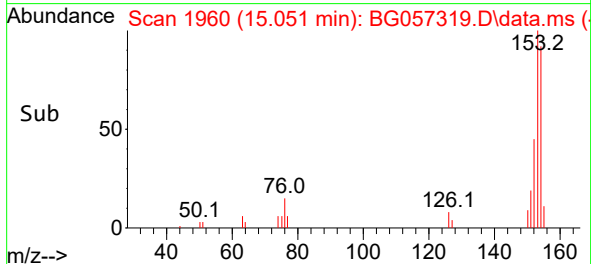
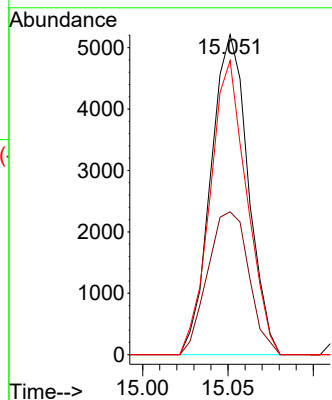
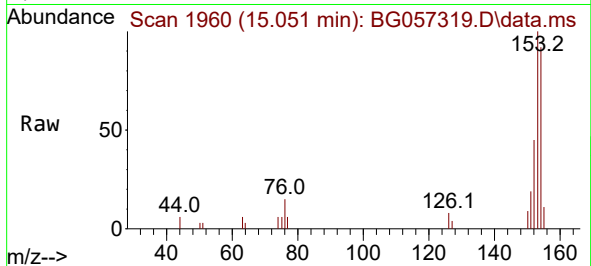




#52
Acenaphthene
Concen: 1.972 ng/ul
RT: 15.051 min Scan# 1959
Delta R.T. 0.003 min
Lab File: BG057319.D
Acq: 5 May 2023 15:39

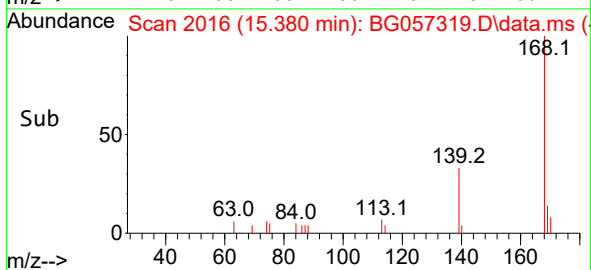
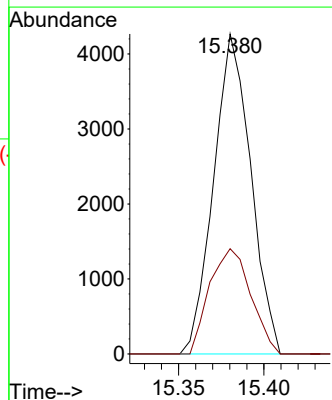
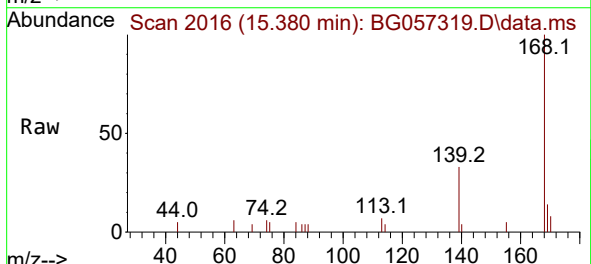
Instrument :
BNA_G
ClientSampleId :
EW976DL

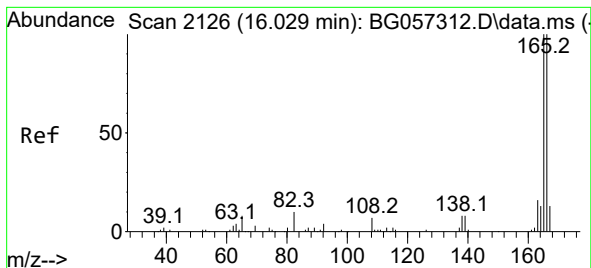
Tgt Ion:153 Resp: 7934
Ion Ratio Lower Upper
153 100
152 44.7 36.5 54.7
154 91.9 70.6 106.0



#56
Dibenzofuran
Concen: 1.112 ng/ul
RT: 15.380 min Scan# 2016
Delta R.T. -0.003 min
Lab File: BG057319.D
Acq: 5 May 2023 15:39

Tgt Ion:168 Resp: 6458
Ion Ratio Lower Upper
168 100
139 32.9 29.6 44.4





#61

Fluorene

Concen: 1.968 ng/ul

RT: 16.026 min Scan# 2126

Delta R.T. -0.003 min

Lab File: BG057319.D

Acq: 5 May 2023 15:39

Instrument :

BNA_G

ClientSampleId :

EW976DL

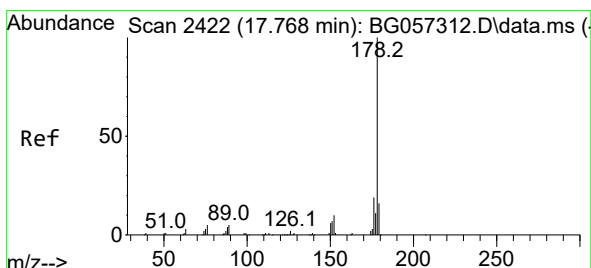
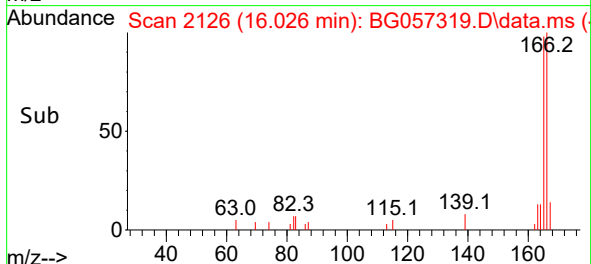
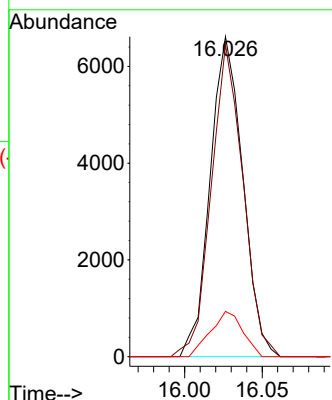
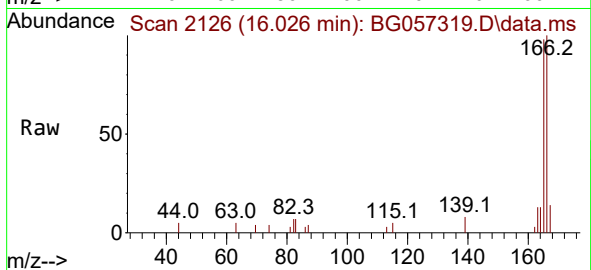
Tgt Ion:166 Resp: 9668

Ion Ratio Lower Upper

166 100

165 97.5 80.1 120.1

167 14.1 10.2 15.4



#72

Phenanthrene

Concen: 23.140 ng/ul

RT: 17.771 min Scan# 2423

Delta R.T. 0.003 min

Lab File: BG057319.D

Acq: 5 May 2023 15:39

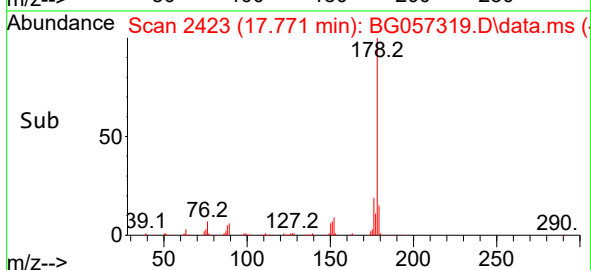
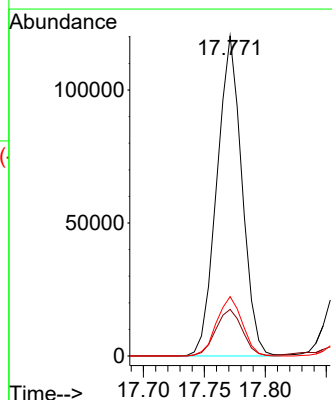
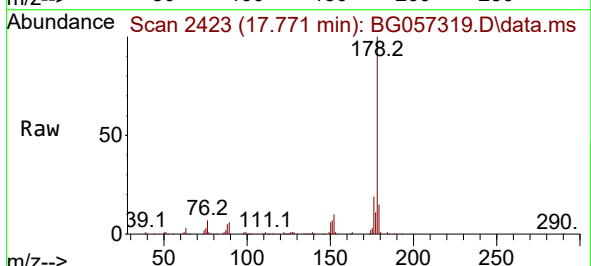
Tgt Ion:178 Resp: 171963

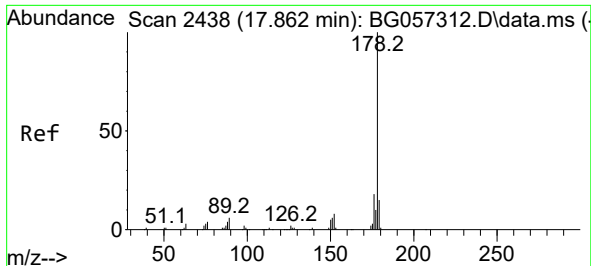
Ion Ratio Lower Upper

178 100

179 14.5 11.8 17.8

176 18.5 15.4 23.0

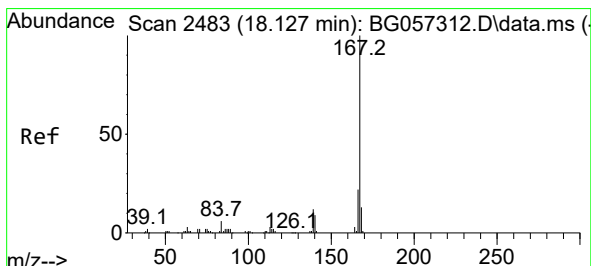
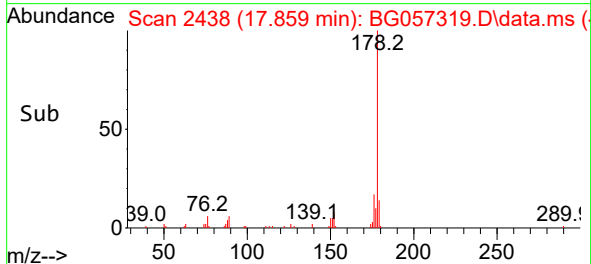
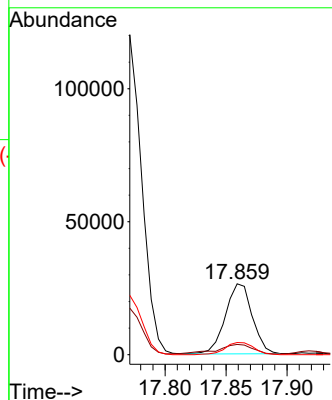
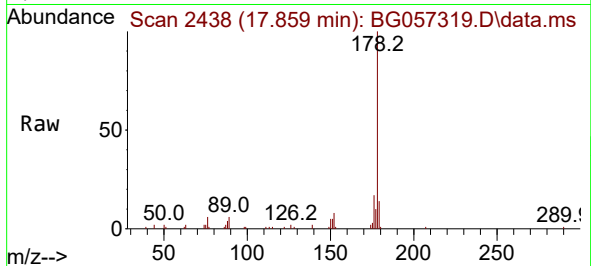




#74
 Anthracene
 Concen: 5.427 ng/ul
 RT: 17.859 min Scan# 2438
 Delta R.T. -0.003 min
 Lab File: BG057319.D
 Acq: 5 May 2023 15:39

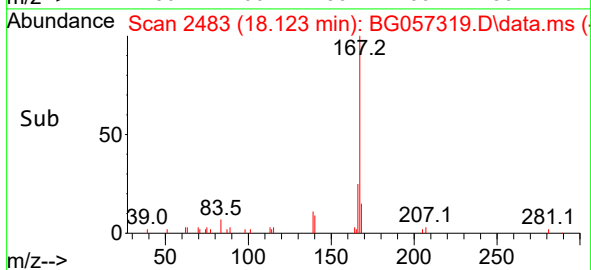
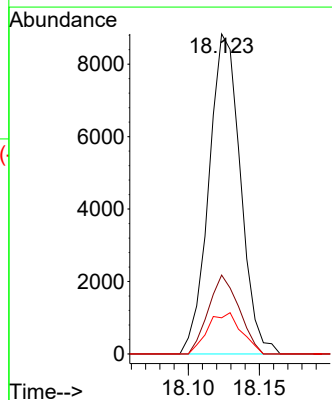
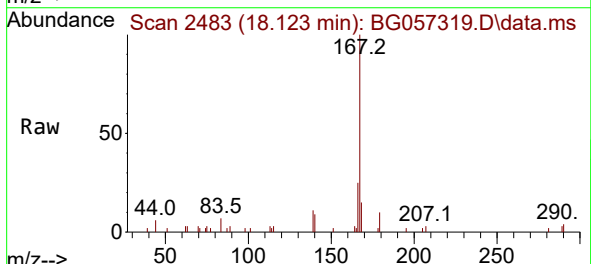
Instrument :
 BNA_G
 ClientSampleId :
 EW976DL

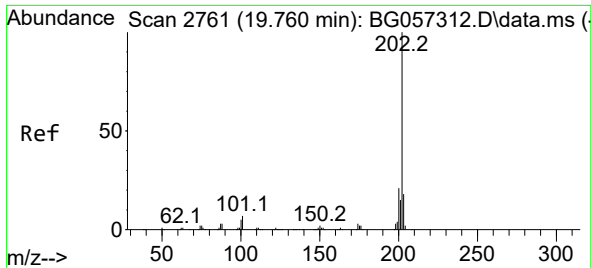
Tgt Ion:178 Resp: 40514
 Ion Ratio Lower Upper
 178 100
 179 14.3 12.5 18.7
 176 17.1 14.7 22.1



#77
 Carbazole
 Concen: 2.189 ng/ul
 RT: 18.123 min Scan# 2483
 Delta R.T. -0.003 min
 Lab File: BG057319.D
 Acq: 5 May 2023 15:39

Tgt Ion:167 Resp: 13656
 Ion Ratio Lower Upper
 167 100
 166 24.6 18.0 27.0
 139 11.3 10.3 15.5

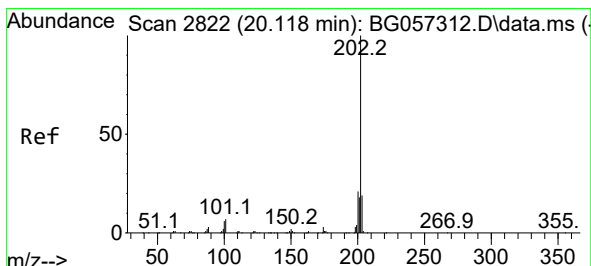
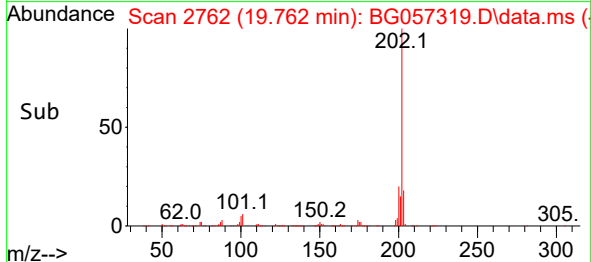
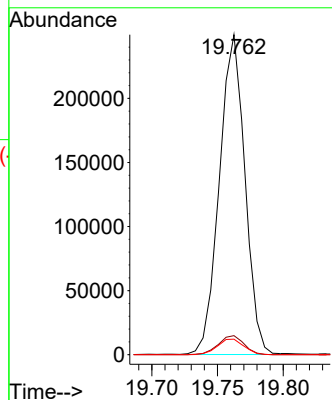
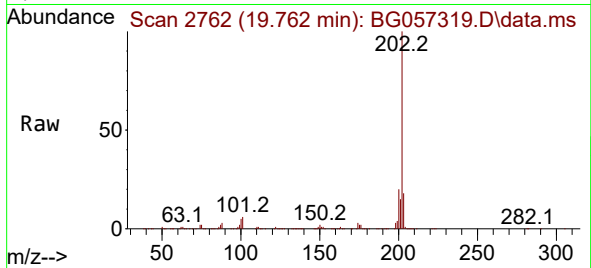




#80
Fluoranthene
Concen: 40.589 ng/ul
RT: 19.762 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057319.D
Acq: 5 May 2023 15:39

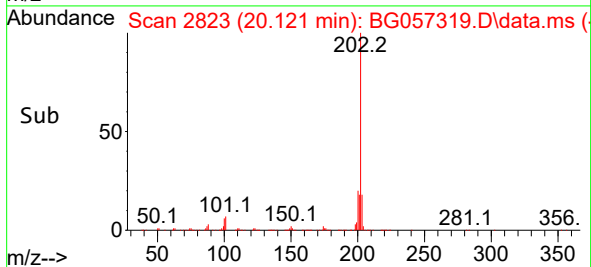
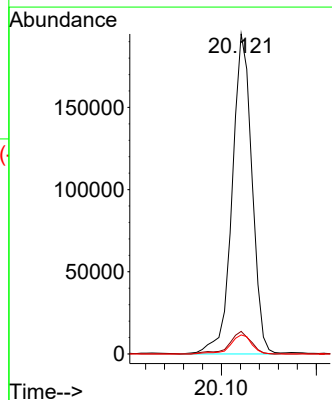
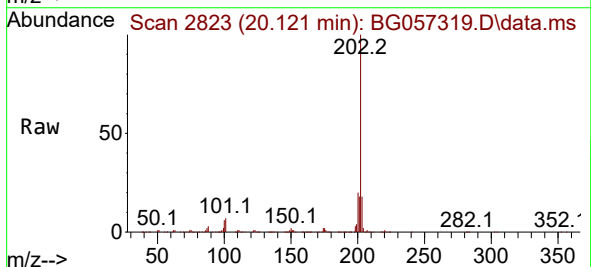
Instrument :
BNA_G
ClientSampleId :
EW976DL

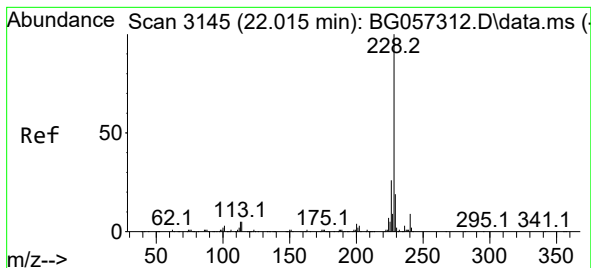
Tgt Ion:202 Resp: 338254
Ion Ratio Lower Upper
202 100
101 6.0 5.8 8.6
100 4.9 4.6 7.0



#82
Pyrene
Concen: 33.475 ng/ul
RT: 20.121 min Scan# 2823
Delta R.T. 0.003 min
Lab File: BG057319.D
Acq: 5 May 2023 15:39

Tgt Ion:202 Resp: 282410
Ion Ratio Lower Upper
202 100
101 7.1 5.7 8.5
100 6.0 6.0 9.0#





#85

Benzo(a)anthracene

Concen: 16.969 ng/ul

RT: 22.018 min Scan# 3145

Delta R.T. 0.003 min

Lab File: BG057319.D

Acq: 5 May 2023 15:39

Instrument :

BNA_G

ClientSampleId :

EW976DL

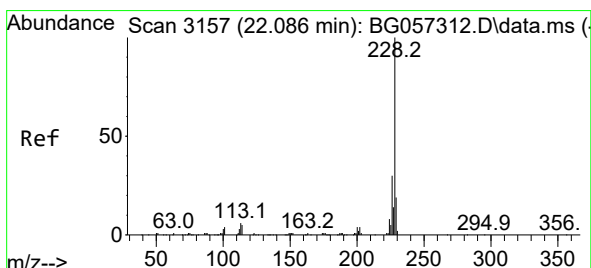
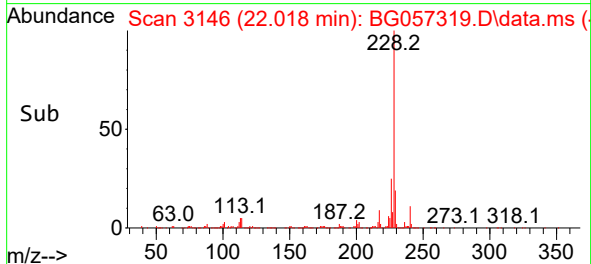
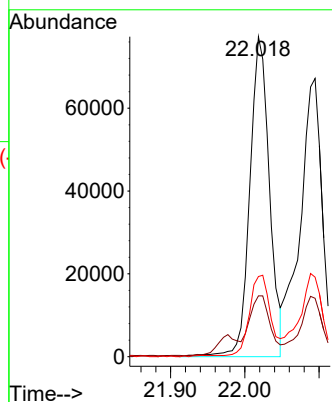
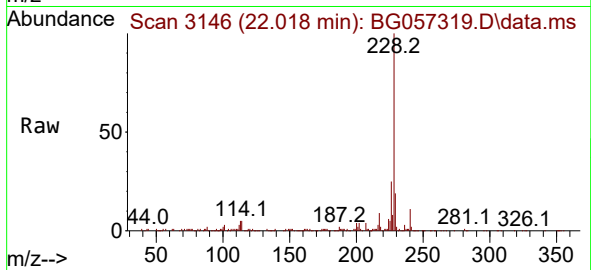
Tgt Ion:228 Resp: 141851

Ion Ratio Lower Upper

228 100

229 19.0 15.8 23.6

226 25.1 21.7 32.5



#87

Chrysene

Concen: 17.475 ng/ul

RT: 22.095 min Scan# 3159

Delta R.T. 0.009 min

Lab File: BG057319.D

Acq: 5 May 2023 15:39

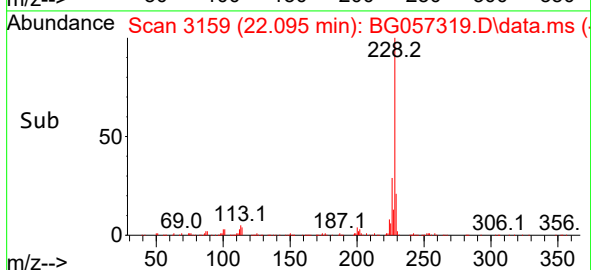
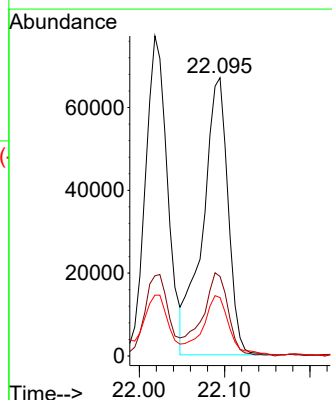
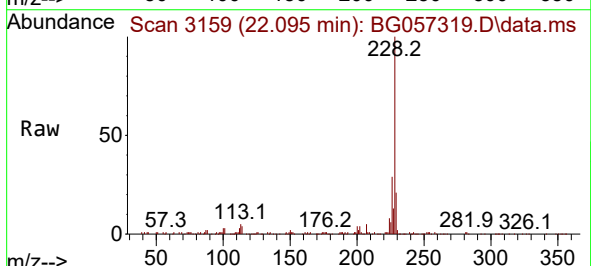
Tgt Ion:228 Resp: 137818

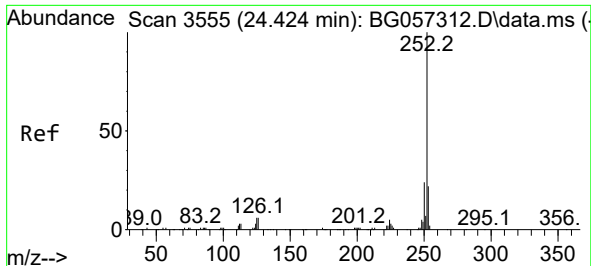
Ion Ratio Lower Upper

228 100

226 28.6 22.8 34.2

229 21.0 15.5 23.3

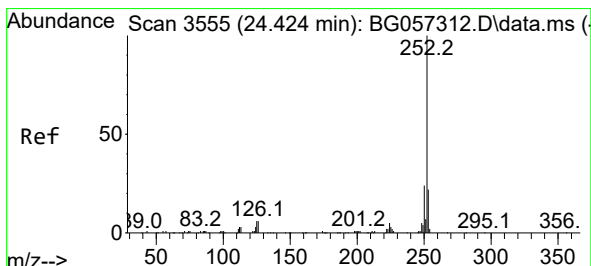
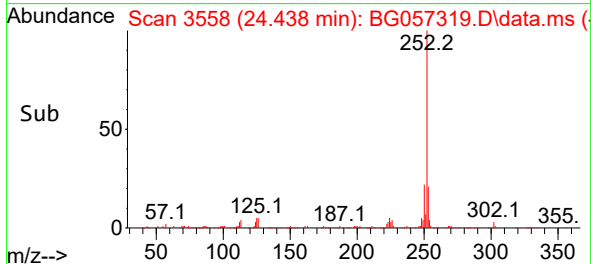
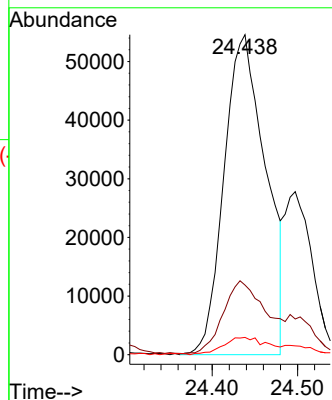
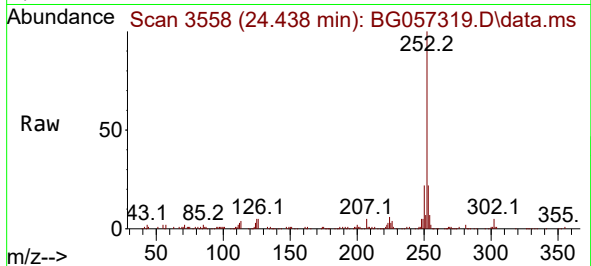




#90
Benzo(b)fluoranthene
Concen: 20.450 ng/ul
RT: 24.438 min Scan# 3558
Delta R.T. 0.014 min
Lab File: BG057319.D
Acq: 5 May 2023 15:39

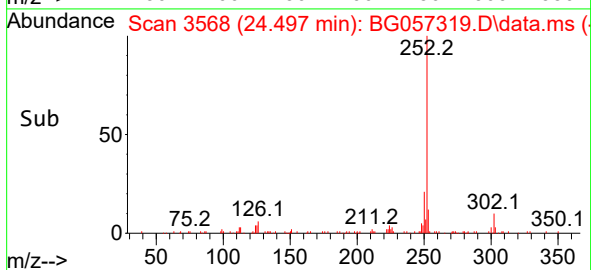
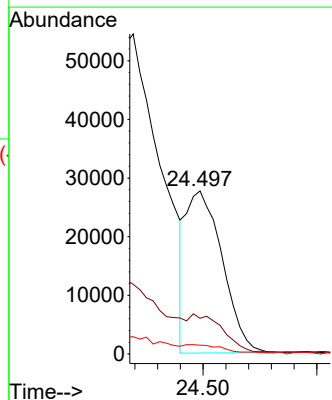
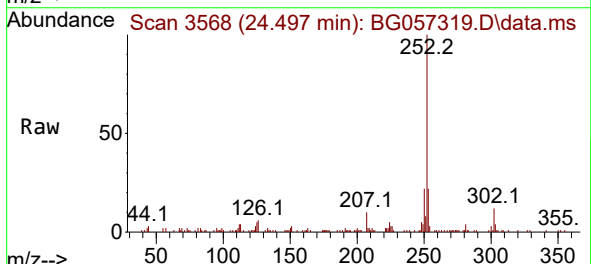
Instrument :
BNA_G
ClientSampleId :
EW976DL

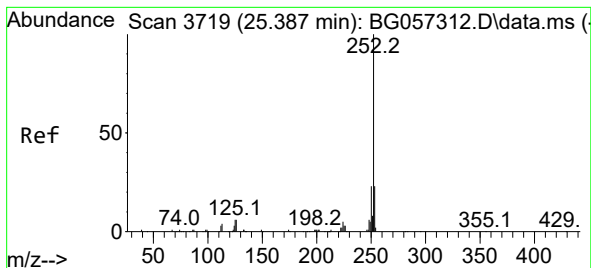
Tgt Ion:252 Resp: 184587
Ion Ratio Lower Upper
252 100
253 21.7 16.7 25.1
125 5.4 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 6.935 ng/ul
RT: 24.497 min Scan# 3568
Delta R.T. 0.003 min
Lab File: BG057319.D
Acq: 5 May 2023 15:39

Tgt Ion:252 Resp: 60900
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 5.4 4.5 6.7





#93

Benzo(a)pyrene

Concen: 9.835 ng/ul

RT: 25.232 min Scan# 3

Delta R.T. -0.156 min

Lab File: BG057319.D

Acq: 5 May 2023 15:39

Instrument :

BNA_G

ClientSampleId :

EW976DL

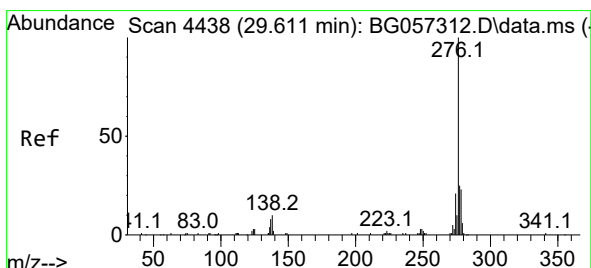
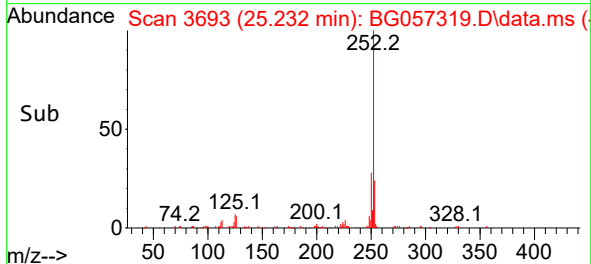
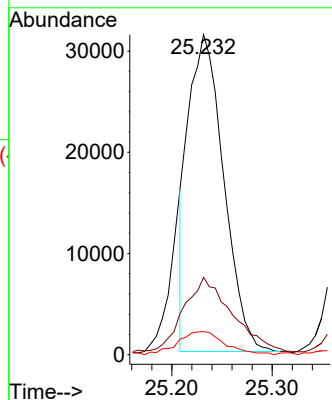
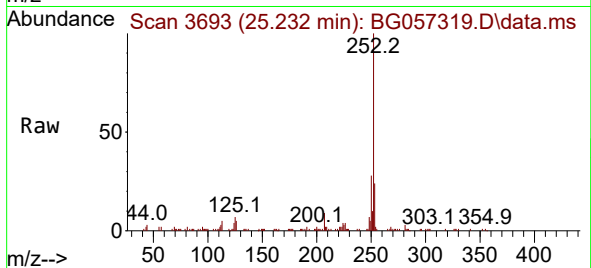
Tgt Ion:252 Resp: 76638

Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

125 7.2 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.573 ng/ul

RT: 29.620 min Scan# 4440

Delta R.T. 0.009 min

Lab File: BG057319.D

Acq: 5 May 2023 15:39

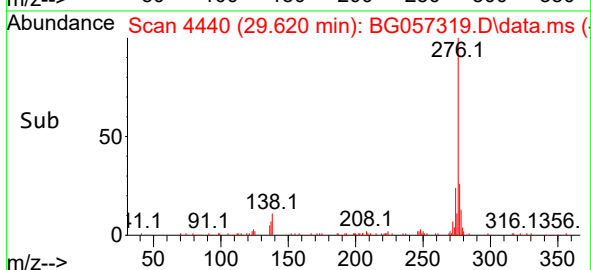
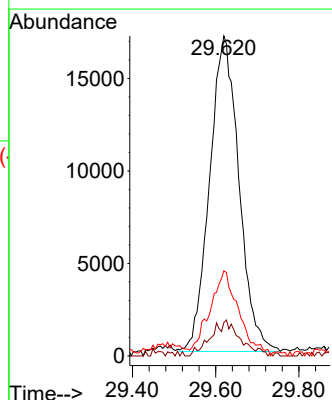
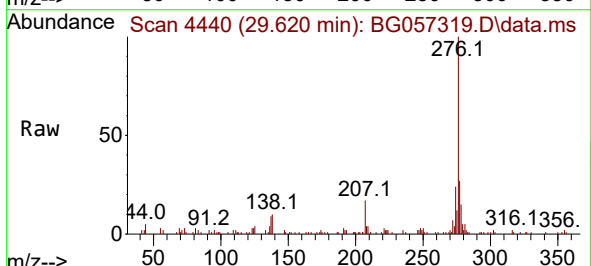
Tgt Ion:276 Resp: 83507

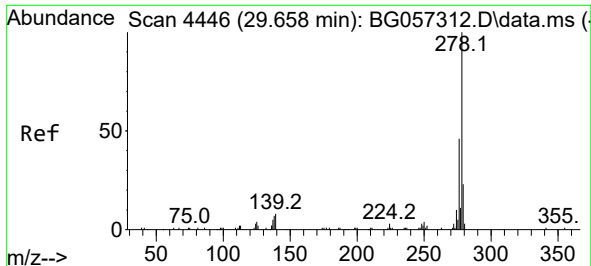
Ion Ratio Lower Upper

276 100

138 10.5 9.4 14.2

277 26.6 18.6 28.0

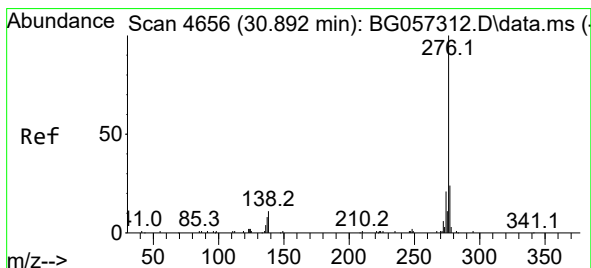
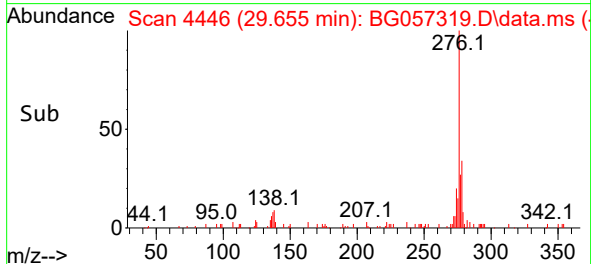
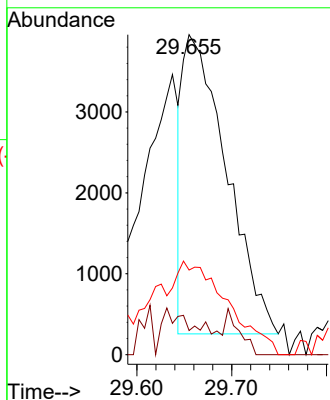
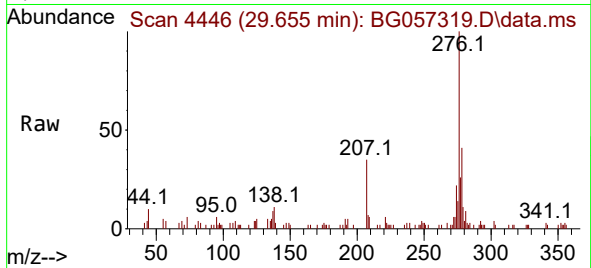




#95
 Dibenzo(a,h)anthracene
 Concen: 1.465 ng/ul
 RT: 29.655 min Scan# 4446
 Delta R.T. -0.003 min
 Lab File: BG057319.D
 Acq: 5 May 2023 15:39

Instrument :
 BNA_G
 ClientSampleId :
 EW976DL

Tgt Ion:278 Resp: 11836
 Ion Ratio Lower Upper
 278 100
 139 7.5 5.8 8.6
 279 26.4 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 9.195 ng/ul
 RT: 30.906 min Scan# 4659
 Delta R.T. 0.014 min
 Lab File: BG057319.D
 Acq: 5 May 2023 15:39

Tgt Ion:276 Resp: 72492
 Ion Ratio Lower Upper
 276 100
 138 10.9 8.7 13.1
 277 22.7 18.4 27.6

