

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039810.D
 Acq On : 02 May 2023 19:55
 Operator : CG/JU
 Sample : 02419-21DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW918DL

Quant Time: May 03 04:17:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

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

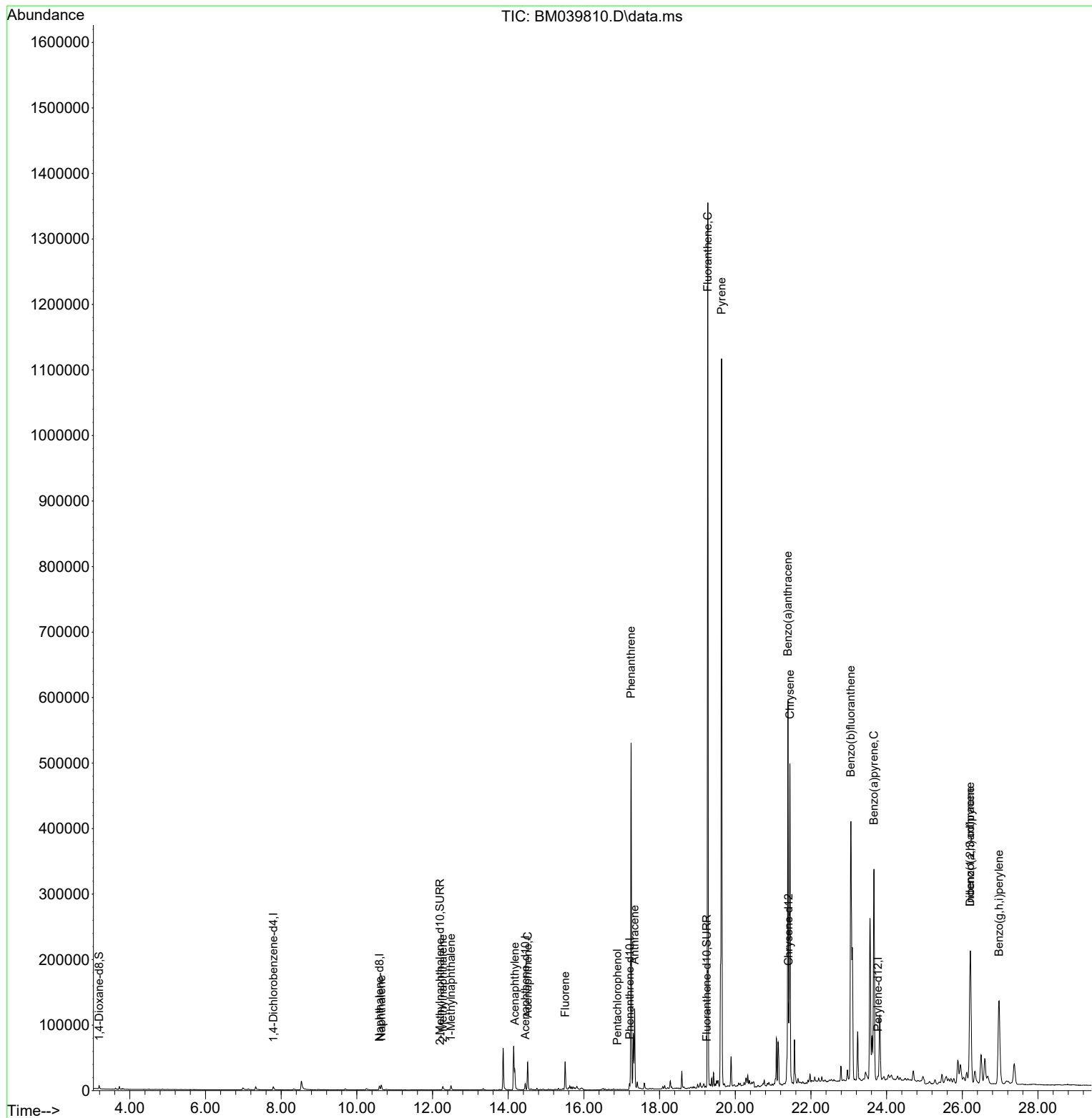
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	3137	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.599	136	10065	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.449	164	5301	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.207	188	10869	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	7156	0.400	ng/ul	# 0.00
23) Perylene-d12	23.767	264	9359	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2892	0.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	643	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	1308	0.068	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	11689	0.462	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	5283	0.362	ng/ul	95
8) 1-Methylnaphthalene	12.485	142	5131	0.328	ng/ul	99
10) Acenaphthylene	14.172	152	40744	1.986	ng/ul	100
11) Acenaphthene	14.514	153	25684	1.594	ng/ul	99
12) Fluorene	15.504	166	29001	1.622	ng/ul	98
14) Pentachlorophenol	16.886	266	55	0.023	ng/ul#	76
15) Phenanthrene	17.245	178	561862	19.622	ng/ul	98
16) Anthracene	17.338	178	128177	5.213	ng/ul	98
19) Fluoranthene	19.275	202	1134095	44.422	ng/ul	97
20) Pyrene	19.637	202	944339	34.253	ng/ul	100
21) Benzo(a)anthracene	21.391	228	507280	24.656	ng/ul	99
22) Chrysene	21.444	228	469170	20.150	ng/ul	98
24) Benzo(b)fluoranthene	23.054	252	704078	21.421	ng/ul	93
26) Benzo(a)pyrene	23.665	252	469340	15.904	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.211	276	349778	9.374	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.211	278	91126	3.146	ng/ul	95
29) Benzo(g,h,i)perylene	26.969	276	288040	8.859	ng/ul	98

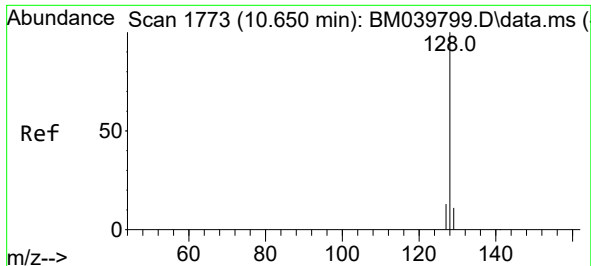
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039810.D
Acq On : 02 May 2023 19:55
Operator : CG/JU
Sample : 02419-21DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW918DL

Quant Time: May 03 04:17:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

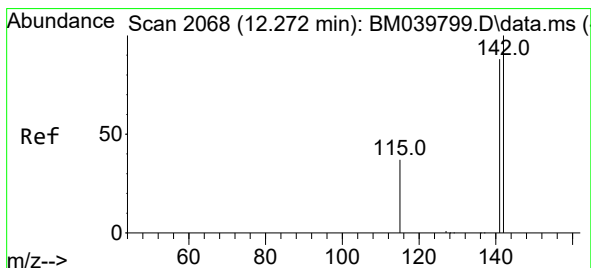
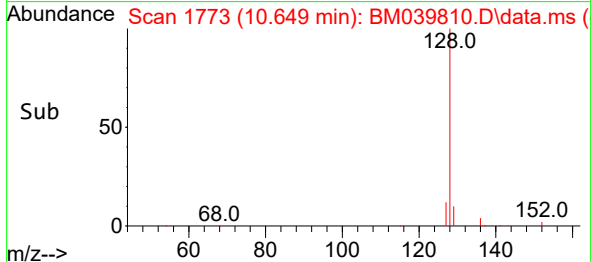
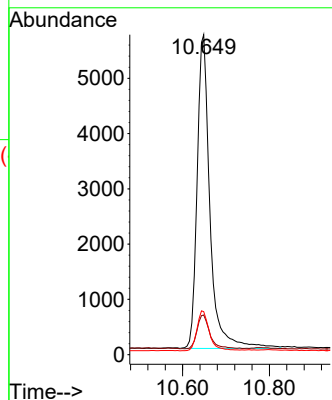
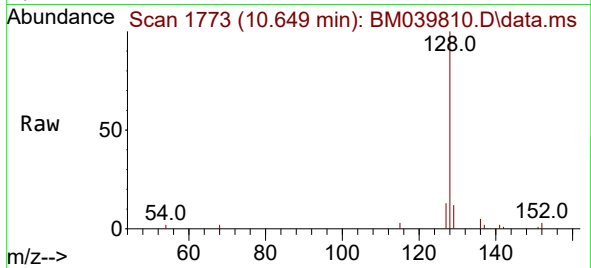




#5
Naphthalene
Concen: 0.462 ng/ul
RT: 10.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

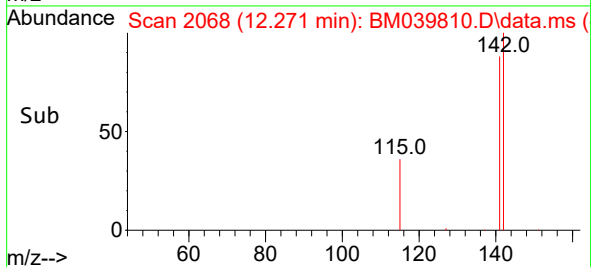
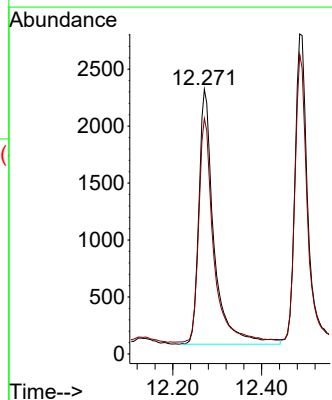
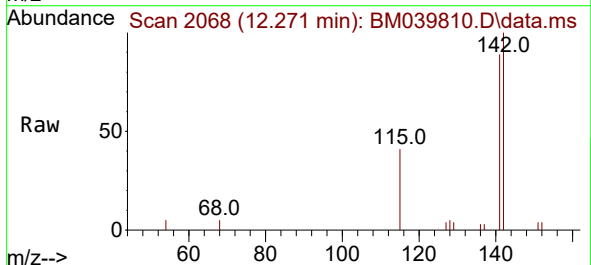
Instrument :
BNA_M
ClientSampleId :
EW918DL

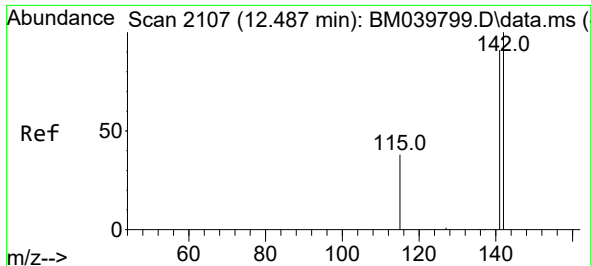
Tgt Ion:128 Resp: 11689
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 13.5 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.271 min Scan# 2068
Delta R.T. -0.001 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

Tgt Ion:142 Resp: 5283
Ion Ratio Lower Upper
142 100
141 86.6 73.2 109.8

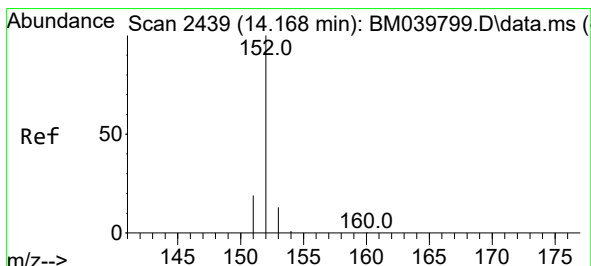
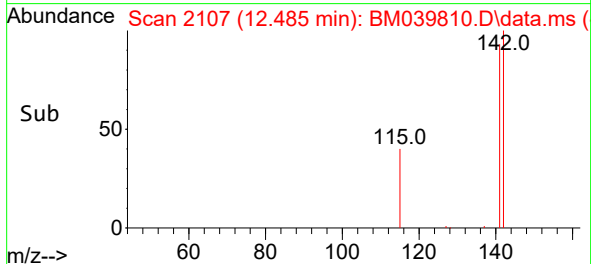
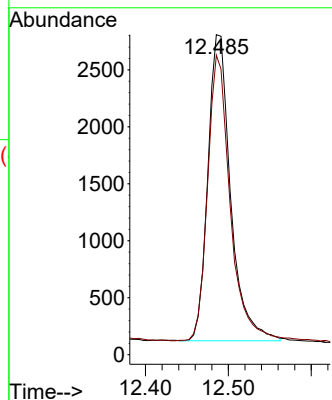
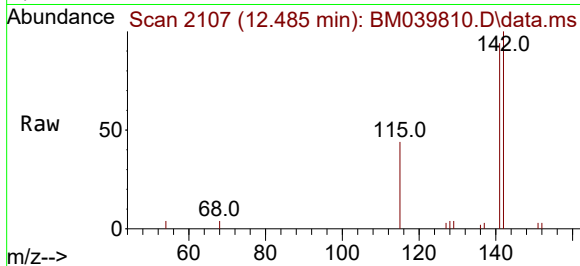




#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.485 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

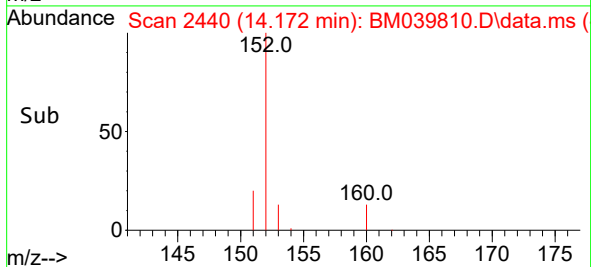
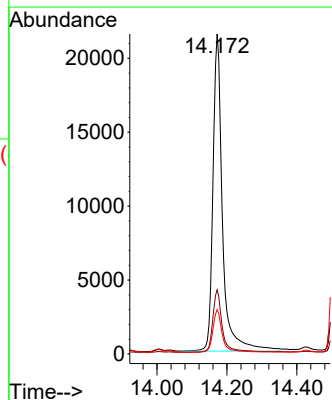
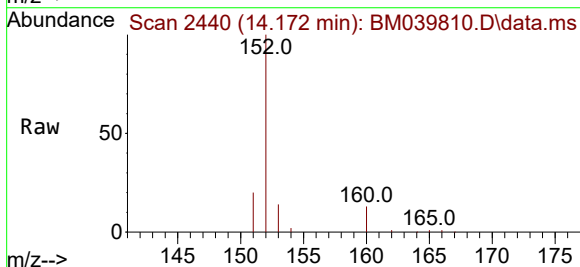
Instrument :
BNA_M
ClientSampleId :
EW918DL

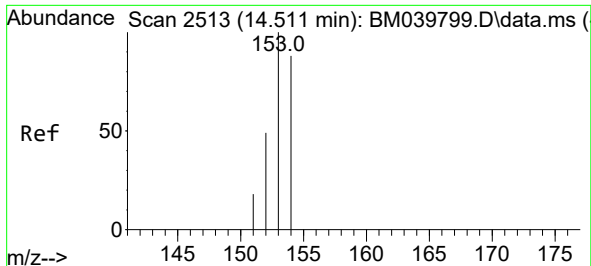
Tgt Ion:142 Resp: 5131
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2



#10
Acenaphthylene
Concen: 1.986 ng/ul
RT: 14.172 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

Tgt Ion:152 Resp: 40744
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.8 11.2 16.8

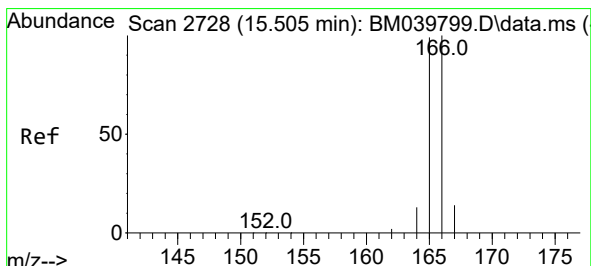
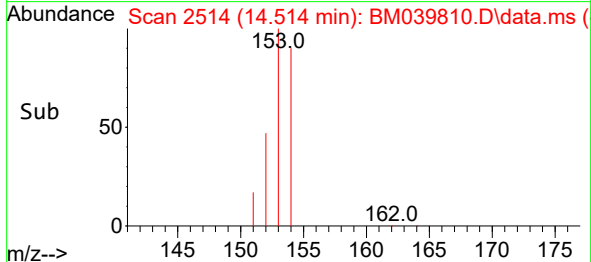
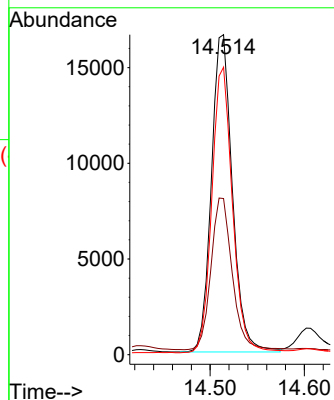
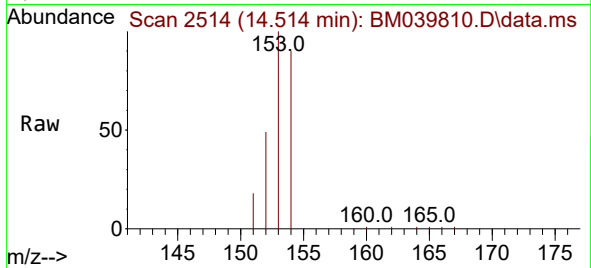




#11
Acenaphthene
Concen: 1.594 ng/ul
RT: 14.514 min Scan# 2514
Delta R.T. 0.003 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

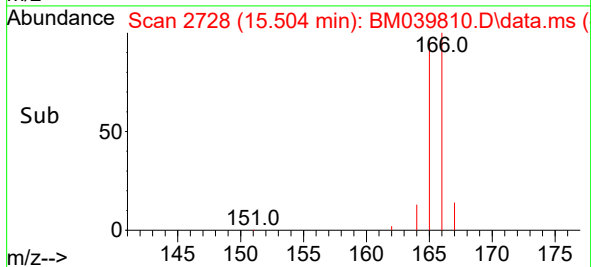
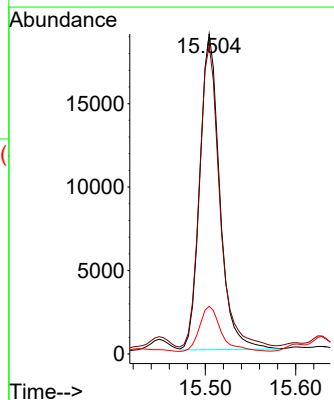
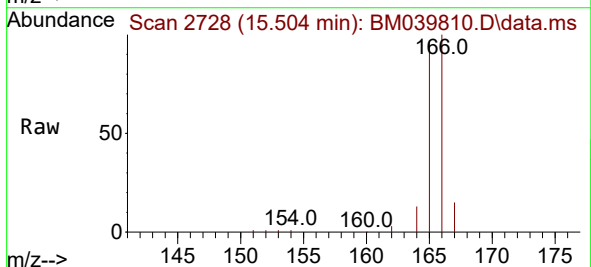
Instrument :
BNA_M
ClientSampleId :
EW918DL

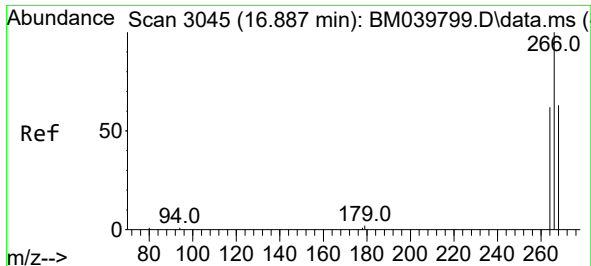
Tgt Ion:153 Resp: 25684
Ion Ratio Lower Upper
153 100
152 48.8 40.6 61.0
154 89.8 71.9 107.9



#12
Fluorene
Concen: 1.622 ng/ul
RT: 15.504 min Scan# 2728
Delta R.T. -0.001 min
Lab File: BM039810.D
Acq: 02 May 2023 19:55

Tgt Ion:166 Resp: 29001
Ion Ratio Lower Upper
166 100
165 96.6 79.0 118.6
167 14.9 11.8 17.6

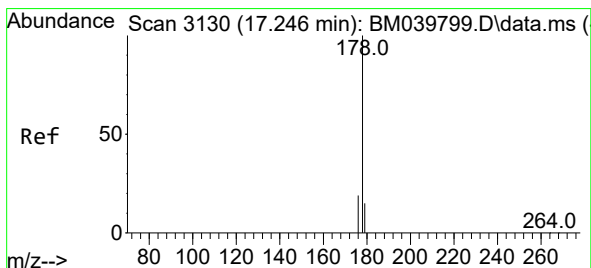
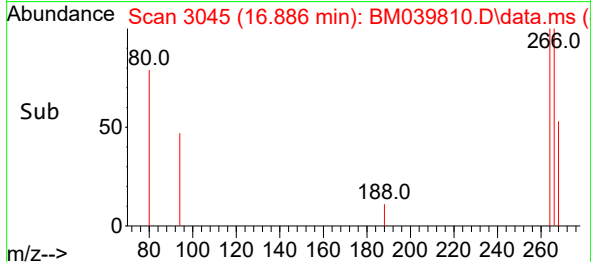
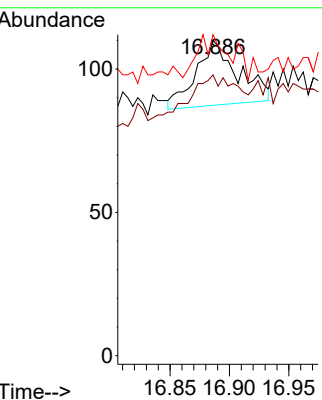
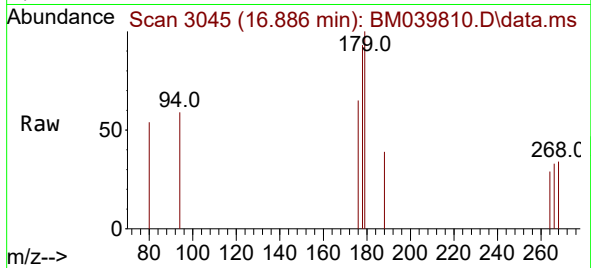




#14
 Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 16.886 min Scan# 3045
 Delta R.T. -0.001 min
 Lab File: BM039810.D
 Acq: 02 May 2023 19:55

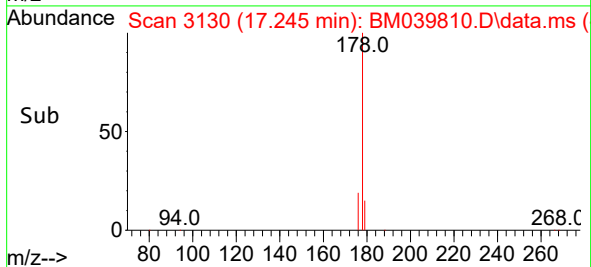
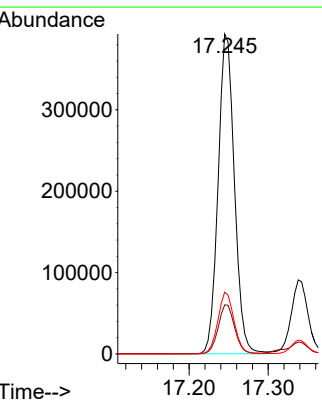
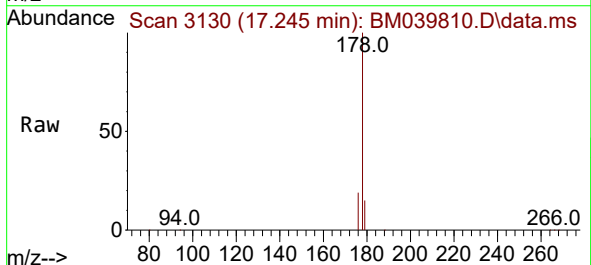
Instrument :
 BNA_M
 ClientSampleId :
 EW918DL

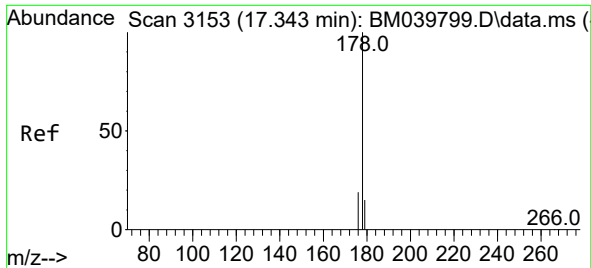
Tgt Ion:266 Resp: 55
 Ion Ratio Lower Upper
 266 100
 264 76.4 48.8 73.2#
 268 41.8 50.4 75.6#



#15
 Phenanthrene
 Concen: 19.622 ng/ul
 RT: 17.245 min Scan# 3130
 Delta R.T. -0.001 min
 Lab File: BM039810.D
 Acq: 02 May 2023 19:55

Tgt Ion:178 Resp: 561862
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.0 19.6
 176 19.3 15.8 23.8

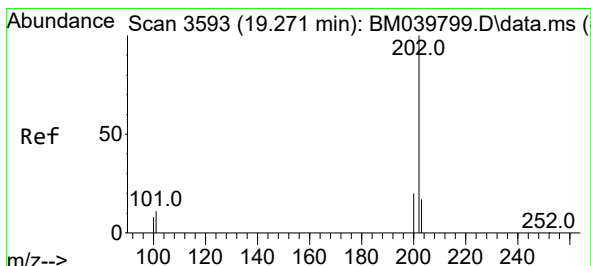
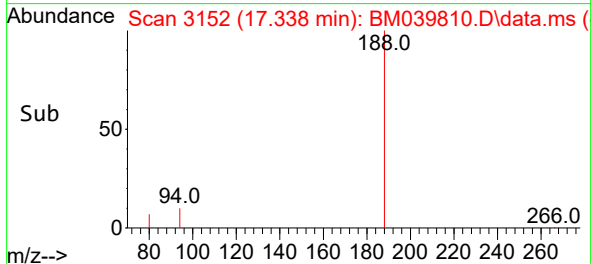
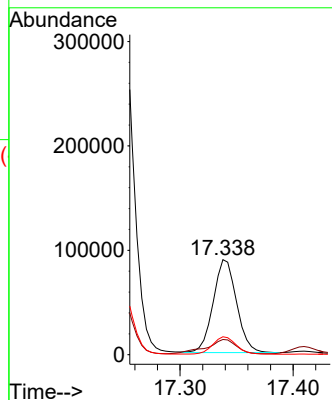
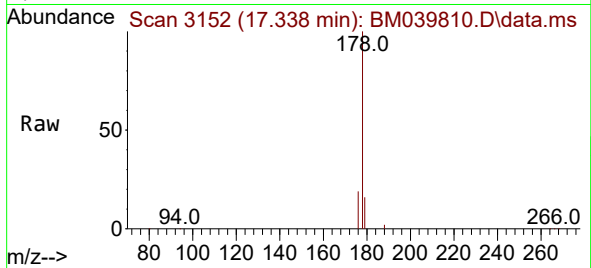




#16
 Anthracene
 Concen: 5.213 ng/ul
 RT: 17.338 min Scan# 3153
 Delta R.T. -0.005 min
 Lab File: BM039810.D
 Acq: 02 May 2023 19:55

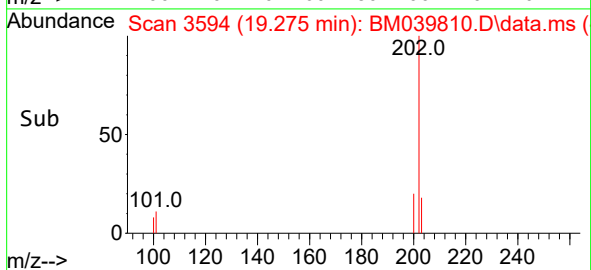
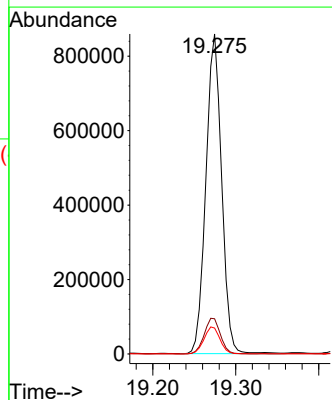
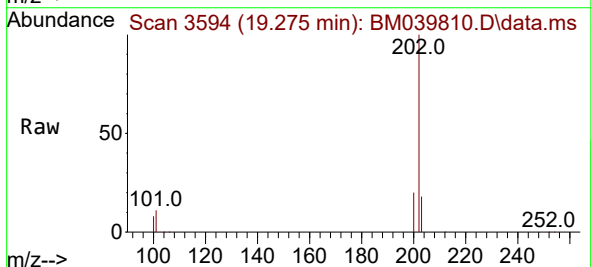
Instrument :
 BNA_M
 ClientSampleId :
 EW918DL

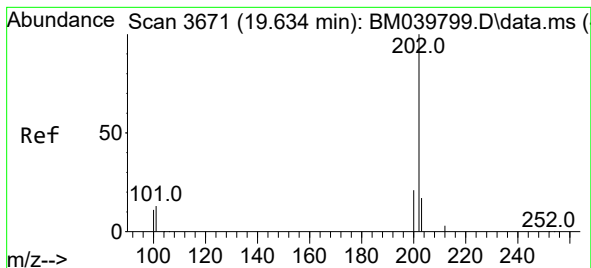
Tgt Ion:178 Resp: 128177
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.8 20.6
 176 18.8 15.8 23.8



#19
 Fluoranthene
 Concen: 44.422 ng/ul
 RT: 19.275 min Scan# 3594
 Delta R.T. 0.003 min
 Lab File: BM039810.D
 Acq: 02 May 2023 19:55

Tgt Ion:202 Resp: 1134095
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.8 14.8
 100 8.1 7.3 10.9





#20

Pyrene

Concen: 34.253 ng/ul

RT: 19.637 min Scan# 3

Delta R.T. 0.003 min

Lab File: BM039810.D

Acq: 02 May 2023 19:55

Instrument :

BNA_M

ClientSampleId :

EW918DL

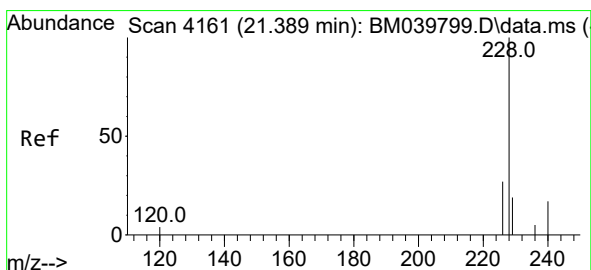
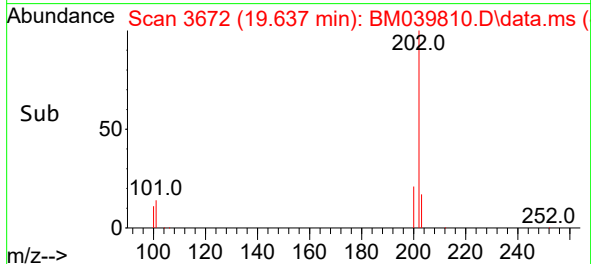
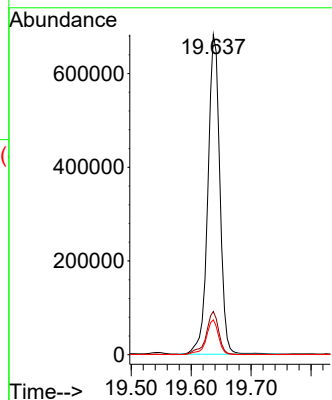
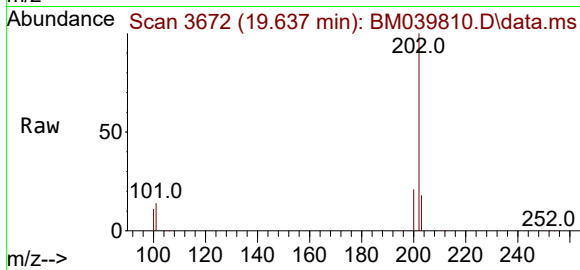
Tgt Ion:202 Resp: 944339

Ion Ratio Lower Upper

202 100

101 13.5 10.9 16.3

100 10.9 8.9 13.3



#21

Benzo(a)anthracene

Concen: 24.656 ng/ul

RT: 21.391 min Scan# 4162

Delta R.T. 0.002 min

Lab File: BM039810.D

Acq: 02 May 2023 19:55

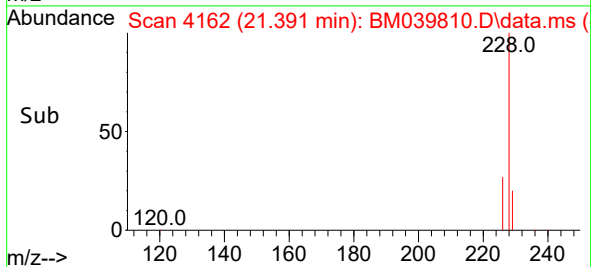
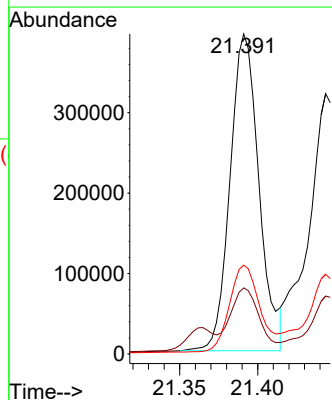
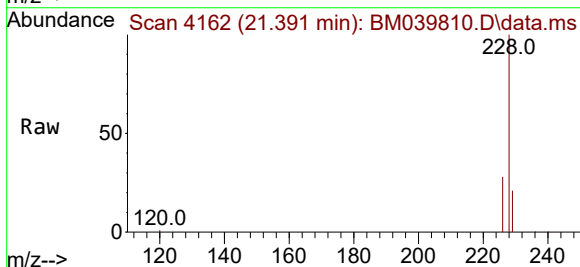
Tgt Ion:228 Resp: 507280

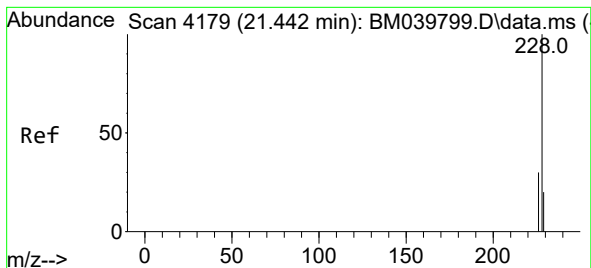
Ion Ratio Lower Upper

228 100

229 20.7 16.2 24.2

226 27.7 21.6 32.4





#22

Chrysene

Concen: 20.150 ng/ul

RT: 21.444 min Scan# 41

Delta R.T. 0.002 min

Lab File: BM039810.D

Acq: 02 May 2023 19:55

Instrument :

BNA_M

ClientSampleId :

EW918DL

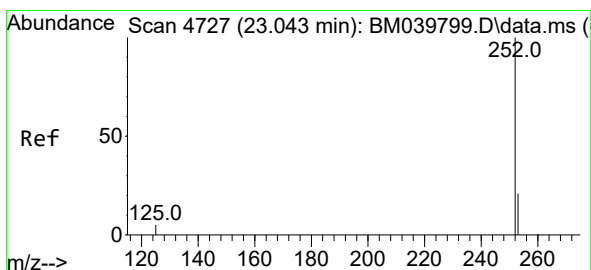
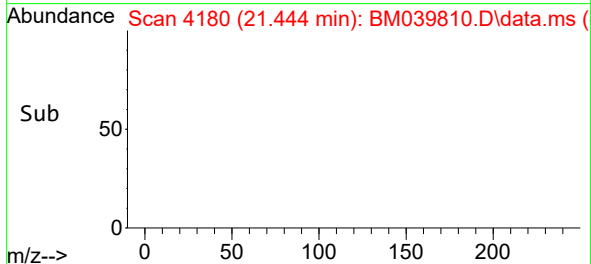
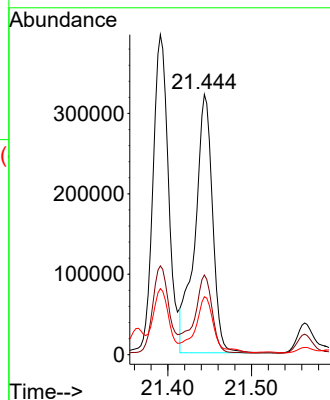
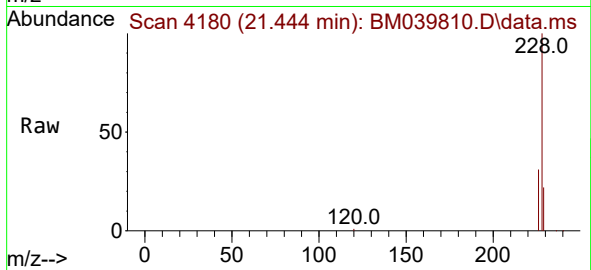
Tgt Ion:228 Resp: 469170

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 22.2 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 21.421 ng/ul

RT: 23.054 min Scan# 4731

Delta R.T. 0.011 min

Lab File: BM039810.D

Acq: 02 May 2023 19:55

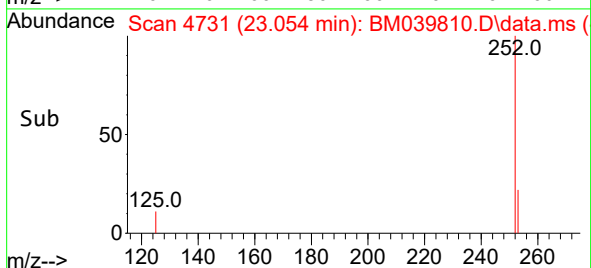
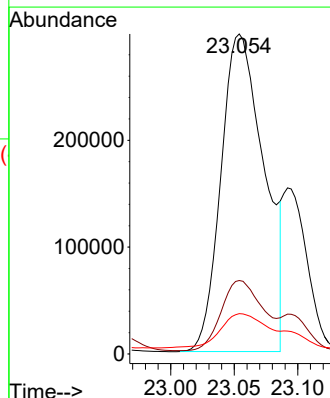
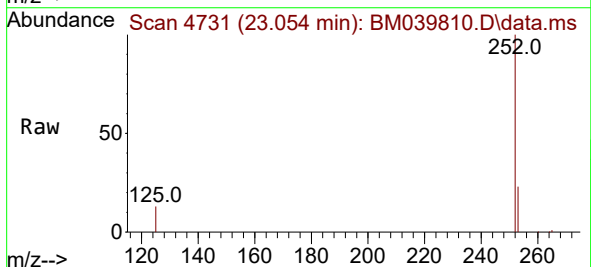
Tgt Ion:252 Resp: 704078

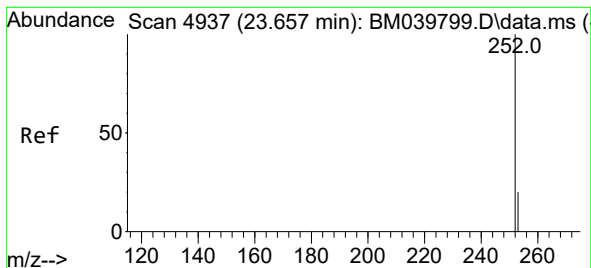
Ion Ratio Lower Upper

252 100

253 23.0 0.0 52.8

125 12.6 0.0 31.6





#26

Benzo(a)pyrene

Concen: 15.904 ng/ul

RT: 23.665 min Scan# 4937

Delta R.T. 0.008 min

Lab File: BM039810.D

Acq: 02 May 2023 19:55

Instrument :

BNA_M

ClientSampleId :

EW918DL

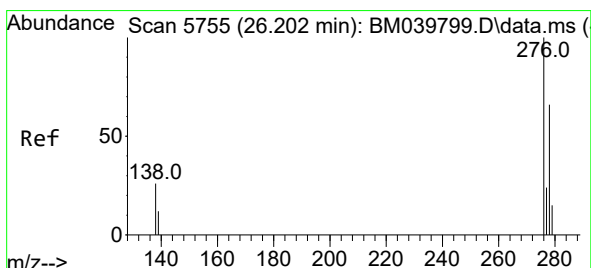
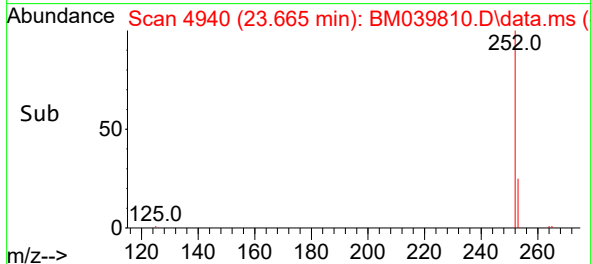
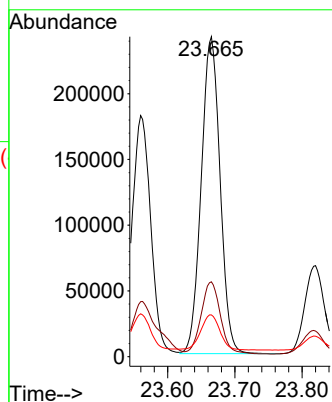
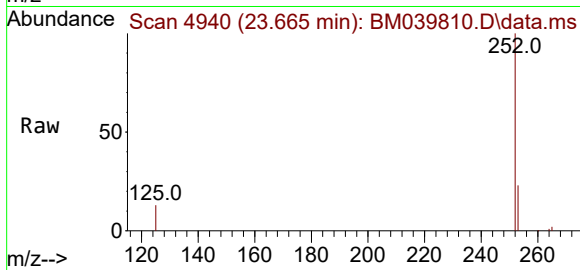
Tgt Ion:252 Resp: 469340

Ion Ratio Lower Upper

252 100

253 23.4 24.7 37.1#

125 13.1 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 9.374 ng/ul

RT: 26.211 min Scan# 5758

Delta R.T. 0.009 min

Lab File: BM039810.D

Acq: 02 May 2023 19:55

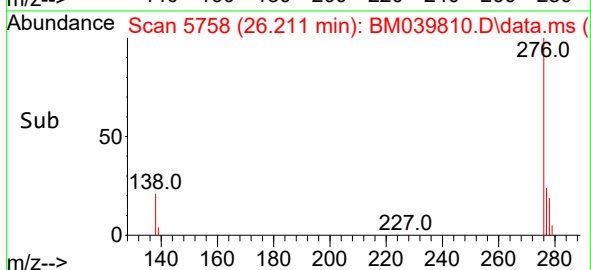
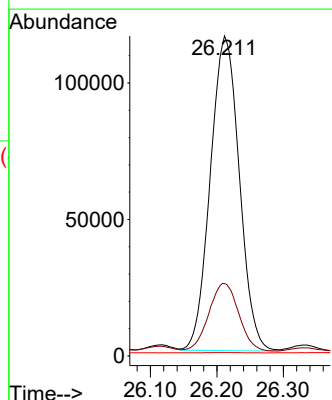
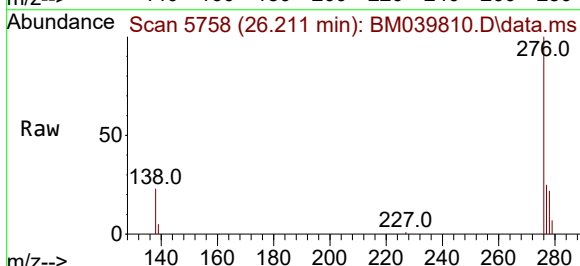
Tgt Ion:276 Resp: 349778

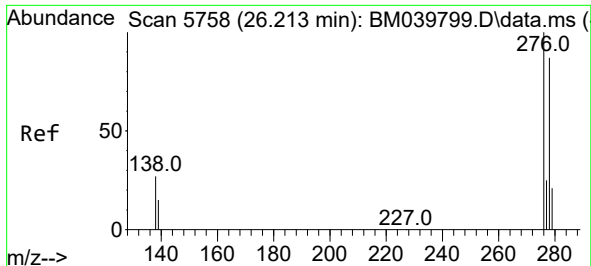
Ion Ratio Lower Upper

276 100

138 22.0 21.1 31.7

227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 3.146 ng/ul

RT: 26.211 min Scan# 5

Delta R.T. -0.001 min

Lab File: BM039810.D

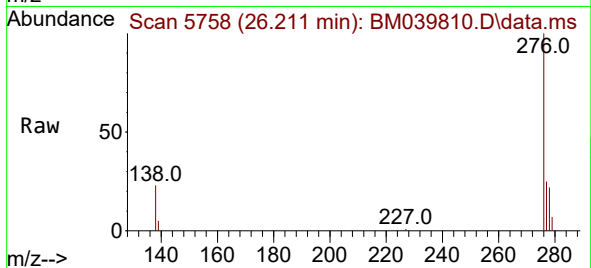
Acq: 02 May 2023 19:55

Instrument :

BNA_M

ClientSampleId :

EW918DL



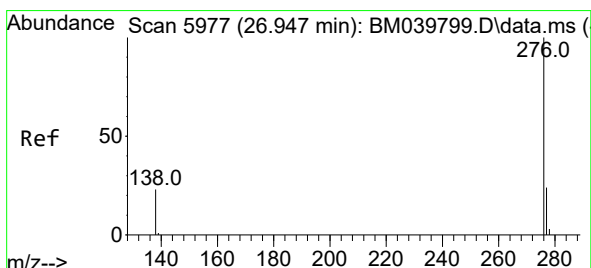
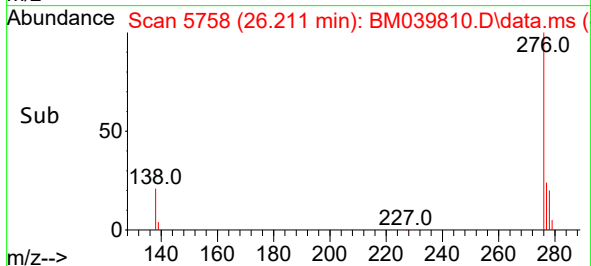
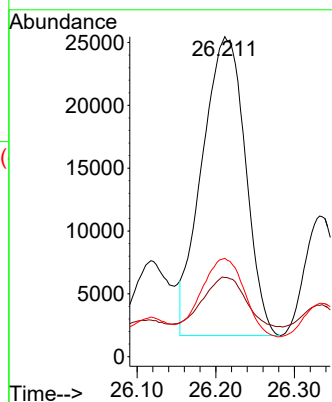
Tgt Ion:278 Resp: 91126

Ion Ratio Lower Upper

278 100

139 24.8 17.0 25.6

279 30.7 23.4 35.2



#29

Benzo(g,h,i)perylene

Concen: 8.859 ng/ul

RT: 26.969 min Scan# 5984

Delta R.T. 0.022 min

Lab File: BM039810.D

Acq: 02 May 2023 19:55

Tgt Ion:276 Resp: 288040

Ion Ratio Lower Upper

276 100

138 23.7 20.1 30.1

277 24.9 20.1 30.1

