

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039717.D
 Acq On : 27 Apr 2023 21:59
 Operator : CG/JU
 Sample : 02418-23DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z7DL

Quant Time: Apr 28 02:35:17 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 : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

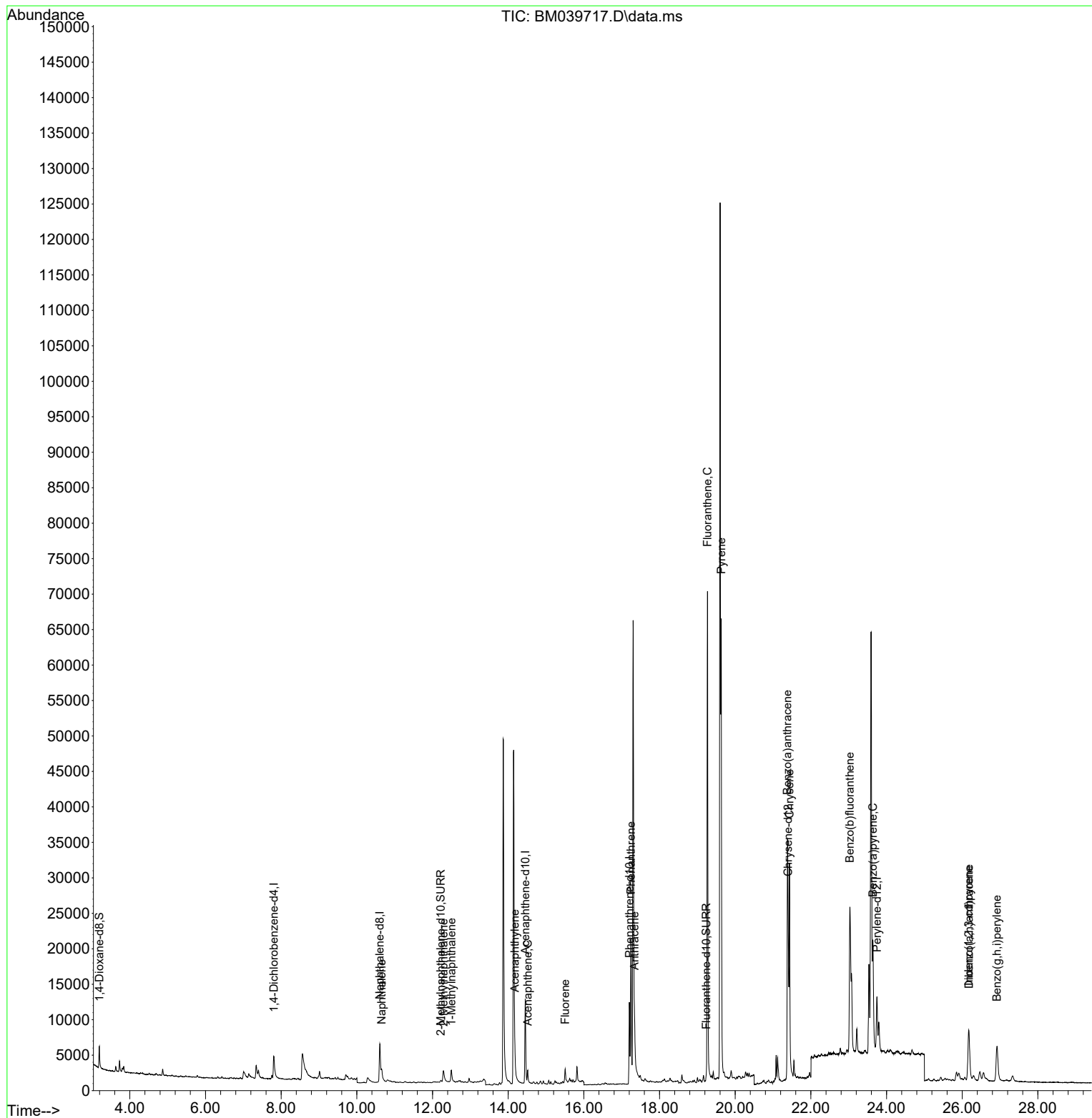
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3085	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.606	136	11708	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	7100	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	14931	0.400	ng/ul	-0.01
17) Chrysene-d12	21.399	240	12824	0.400	ng/ul	0.00
23) Perylene-d12	23.746	264	10815	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2062	0.454	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	505	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	1245	0.036	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.656	128	2706	0.092	ng/ul#	85
7) 2-Methylnaphthalene	12.289	142	2569	0.151	ng/ul	95
8) 1-Methylnaphthalene	12.498	142	1573	0.086	ng/ul	100
10) Acenaphthylene	14.173	152	3701	0.135	ng/ul#	88
11) Acenaphthene	14.515	153	1126	0.052	ng/ul	96
12) Fluorene	15.505	166	1492	0.062	ng/ul#	91
15) Phenanthrene	17.246	178	24449	0.622	ng/ul	99
16) Anthracene	17.339	178	6360	0.188	ng/ul#	94
19) Fluoranthene	19.267	202	64457	1.409	ng/ul	99
20) Pyrene	19.629	202	55596	1.125	ng/ul	100
21) Benzo(a)anthracene	21.382	228	35345	0.959	ng/ul	98
22) Chrysene	21.434	228	28850	0.691	ng/ul	98
24) Benzo(b)fluoranthene	23.030	252	36514	0.961	ng/ul	97
26) Benzo(a)pyrene	23.641	252	21309	0.625	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.174	276	13693	0.318	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.181	278	3592	0.107	ng/ul#	59
29) Benzo(g,h,i)perylene	26.919	276	12292	0.327	ng/ul	94

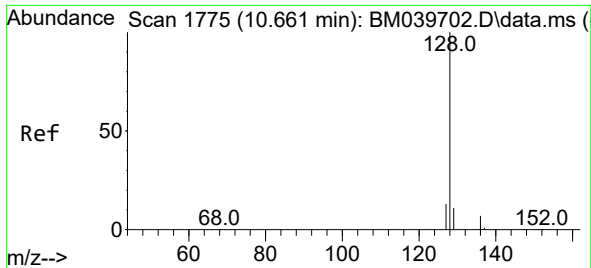
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039717.D
Acq On : 27 Apr 2023 21:59
Operator : CG/JU
Sample : 02418-23DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW8Z7DL

Quant Time: Apr 28 02:35:17 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 : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

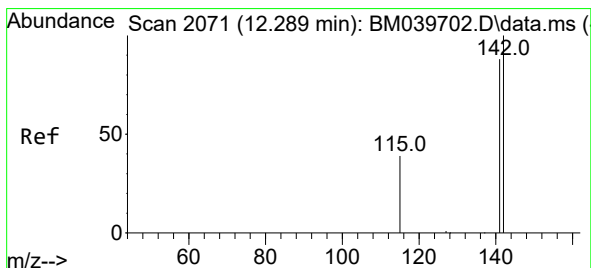
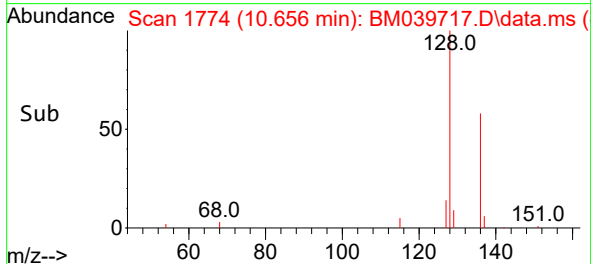
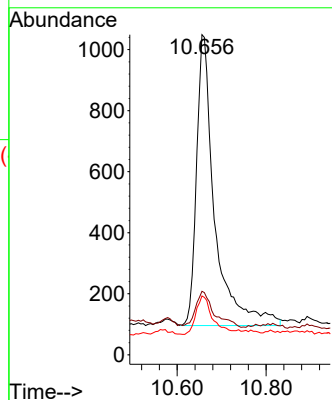
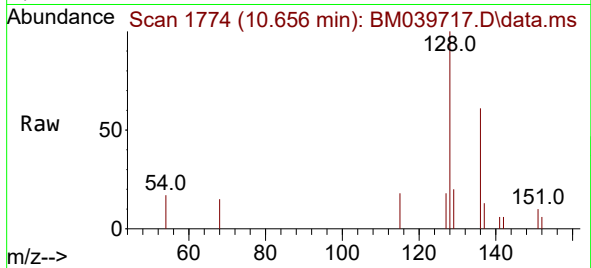




#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.656 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

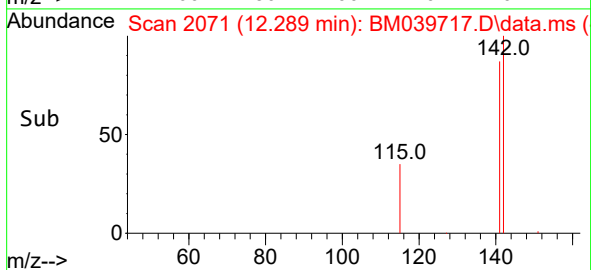
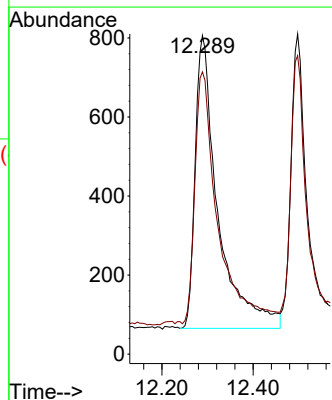
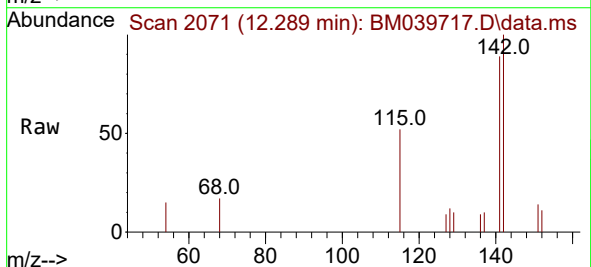
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL

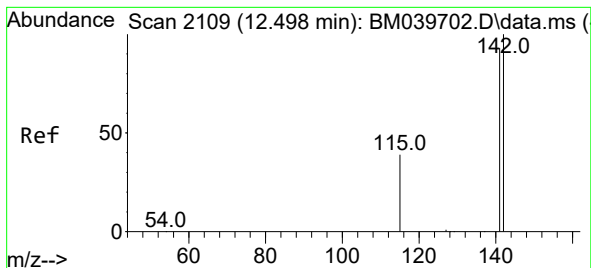
Tgt Ion:128 Resp: 2706
Ion Ratio Lower Upper
128 100
129 19.8 9.8 14.6#
127 18.4 11.1 16.7#



#7
2-Methylnaphthalene
Concen: 0.151 ng/ul
RT: 12.289 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

Tgt Ion:142 Resp: 2569
Ion Ratio Lower Upper
142 100
141 86.5 73.2 109.8





#8

1-Methylnaphthalene

Concen: 0.086 ng/ul

RT: 12.498 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BM039717.D

Acq: 27 Apr 2023 21:59

Instrument :

BNA_M

ClientSampleId :

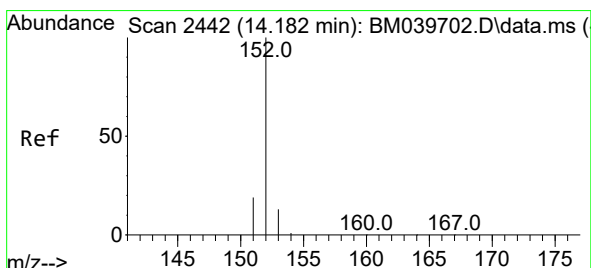
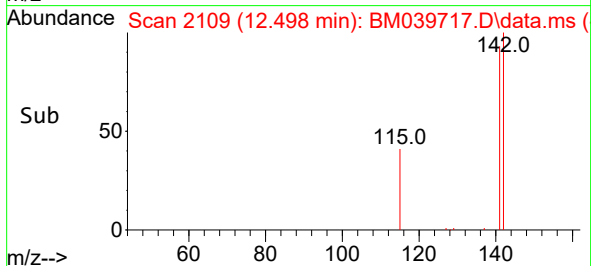
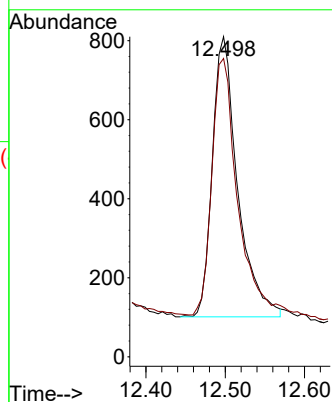
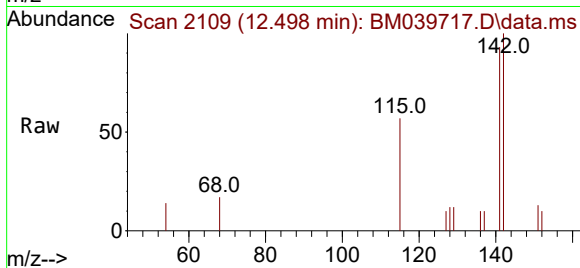
EW8Z7DL

Tgt Ion:142 Resp: 1573

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.2



#10

Acenaphthylene

Concen: 0.135 ng/ul

RT: 14.173 min Scan# 2440

Delta R.T. -0.009 min

Lab File: BM039717.D

Acq: 27 Apr 2023 21:59

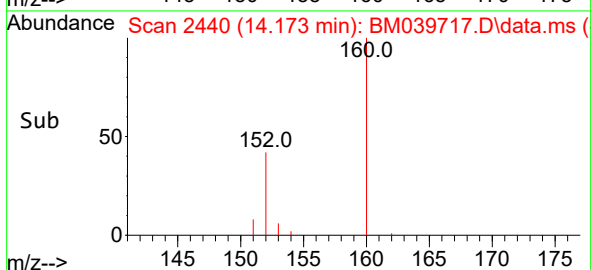
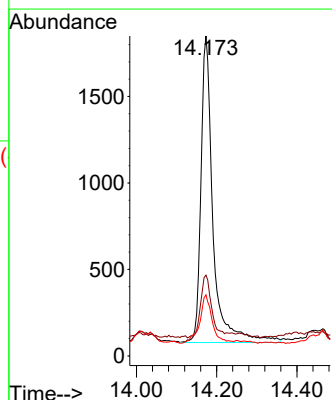
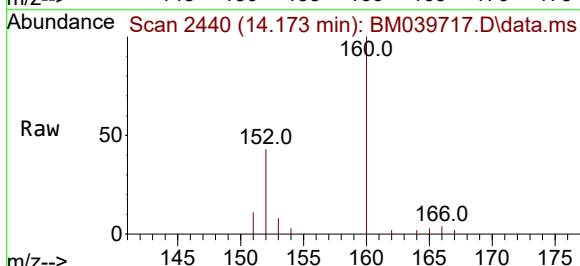
Tgt Ion:152 Resp: 3701

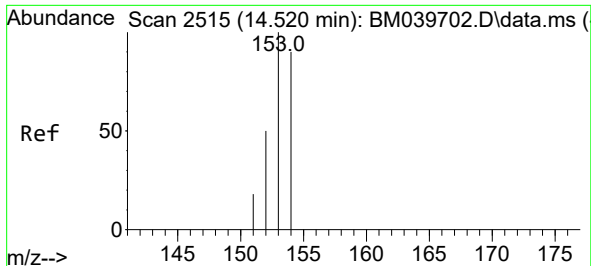
Ion Ratio Lower Upper

152 100

151 25.2 16.0 24.0#

153 19.1 11.2 16.8#

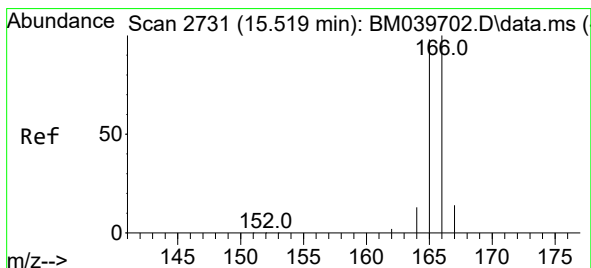
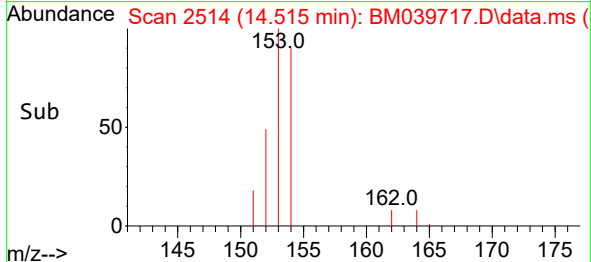
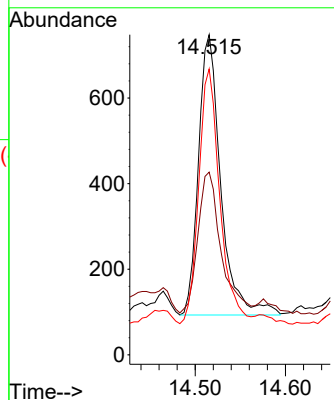
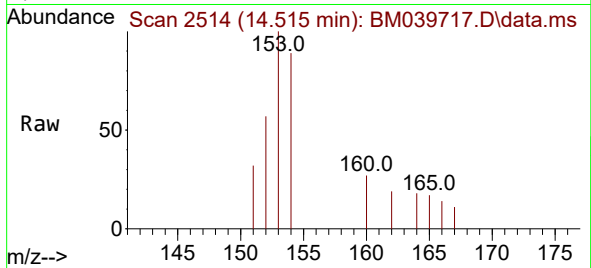




#11
Acenaphthene
Concen: 0.052 ng/ul
RT: 14.515 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

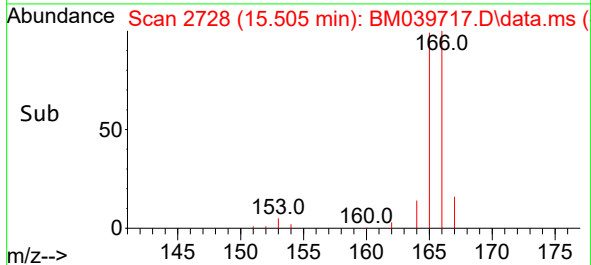
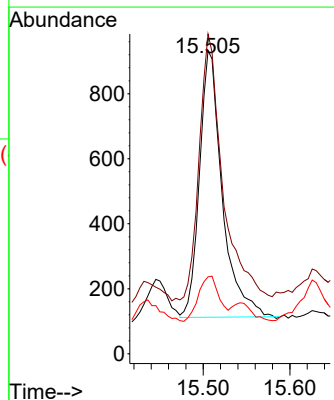
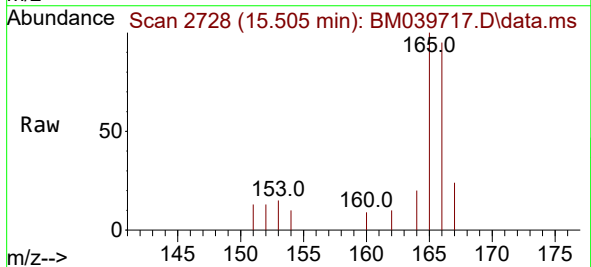
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL

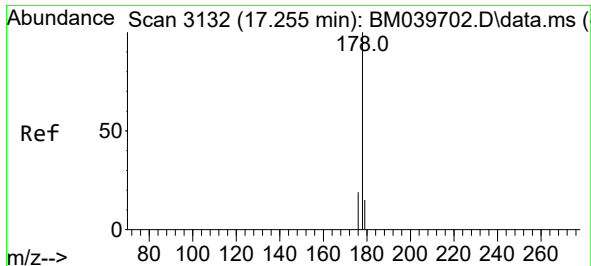
Tgt Ion:153 Resp: 1126
Ion Ratio Lower Upper
153 100
152 57.1 40.6 61.0
154 89.3 71.9 107.9



#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

Tgt Ion:166 Resp: 1492
Ion Ratio Lower Upper
166 100
165 105.5 79.0 118.6
167 25.4 11.8 17.6#

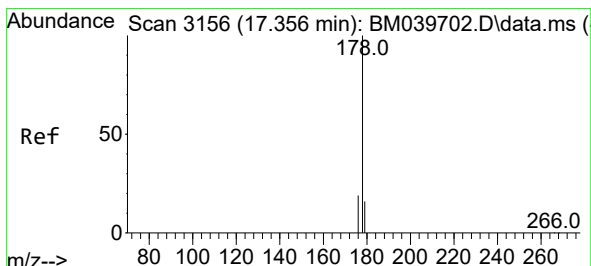
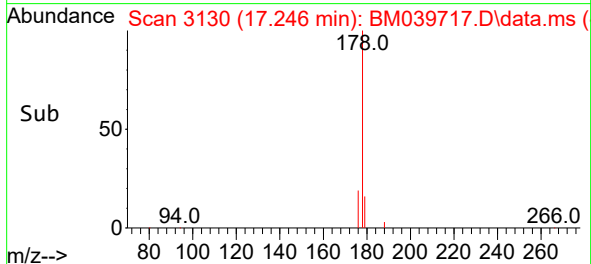
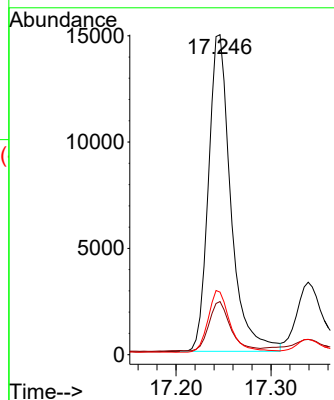
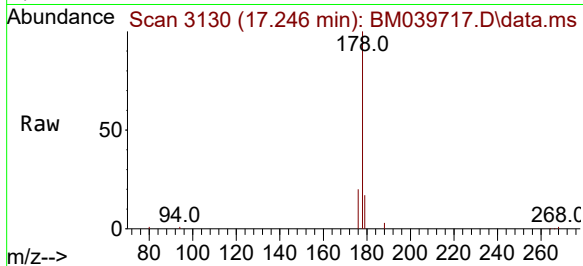




#15
Phenanthrene
Concen: 0.622 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. -0.008 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

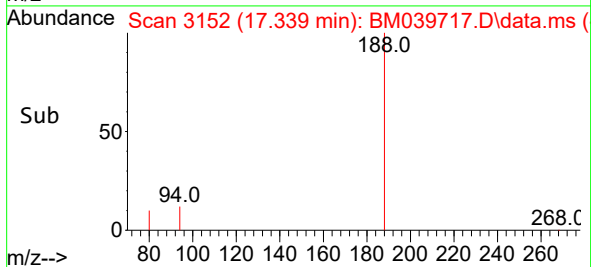
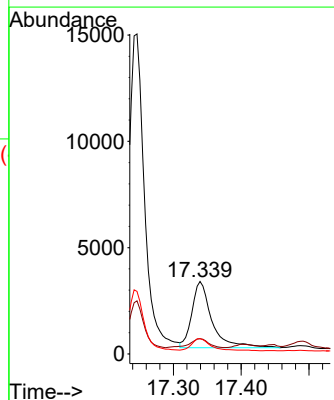
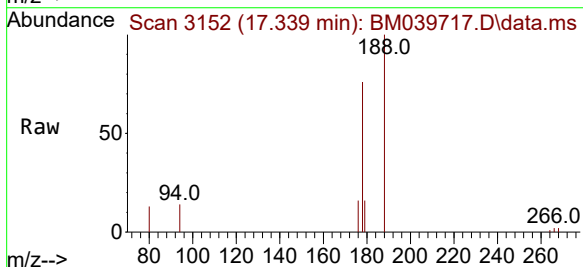
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL

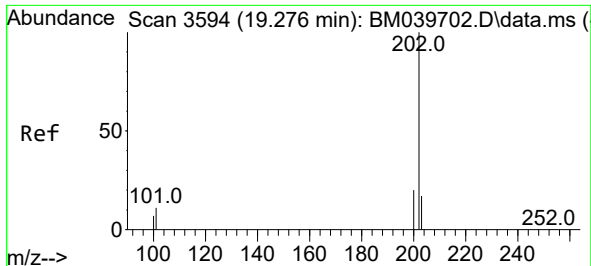
Tgt Ion:178 Resp: 24449
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 19.5 15.8 23.8



#16
Anthracene
Concen: 0.188 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.017 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

Tgt Ion:178 Resp: 6360
Ion Ratio Lower Upper
178 100
179 21.0 13.8 20.6#
176 21.3 15.8 23.8

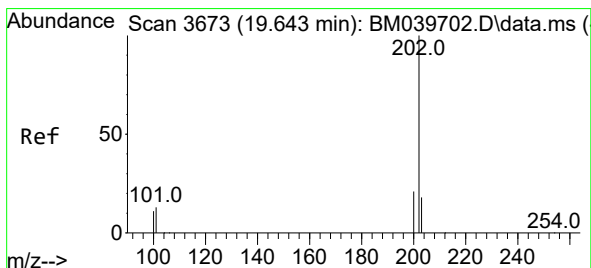
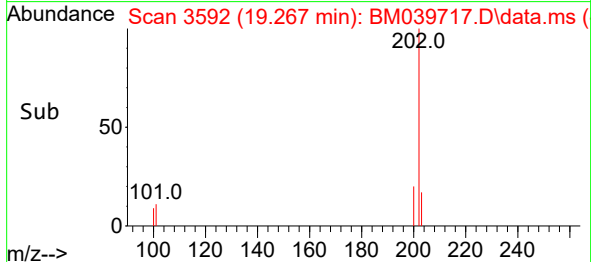
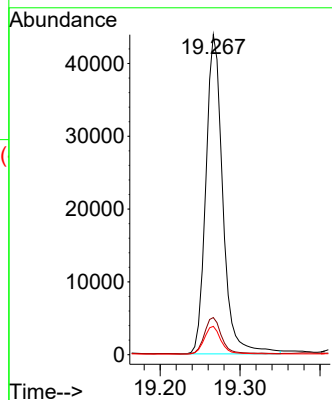
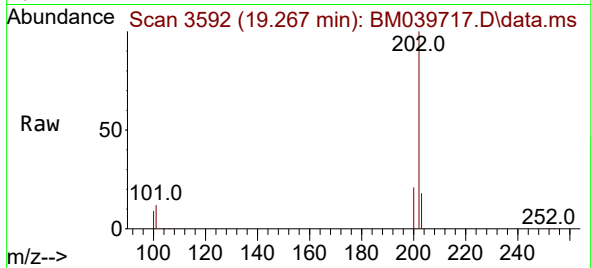




#19
Fluoranthene
Concen: 1.409 ng/ul
RT: 19.267 min Scan# 3592
Delta R.T. -0.009 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

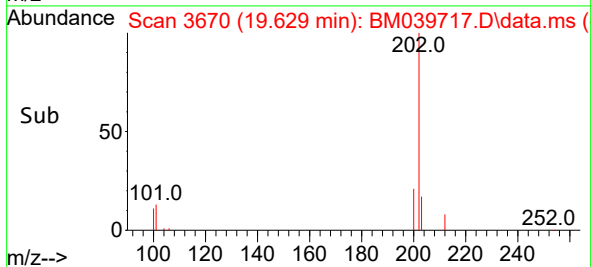
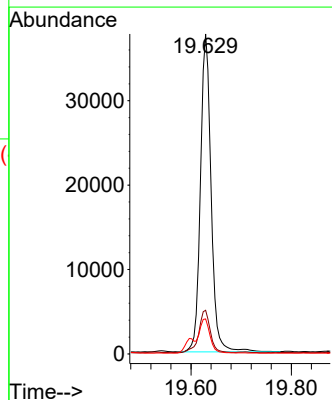
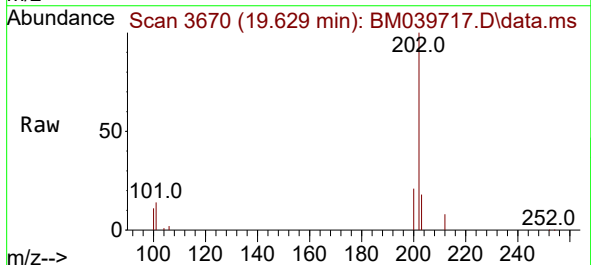
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL

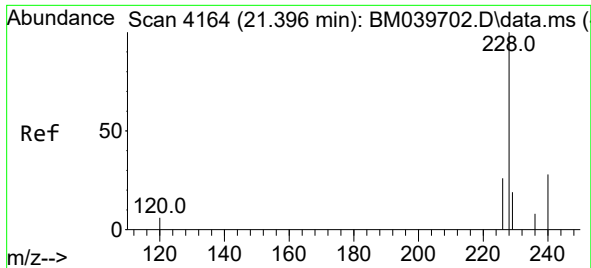
Tgt Ion:202 Resp: 64457
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.8 7.3 10.9



#20
Pyrene
Concen: 1.125 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

Tgt Ion:202 Resp: 55596
Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 10.9 8.9 13.3

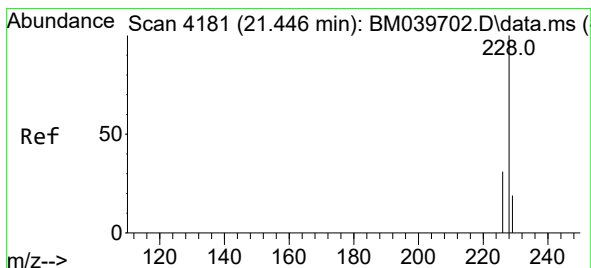
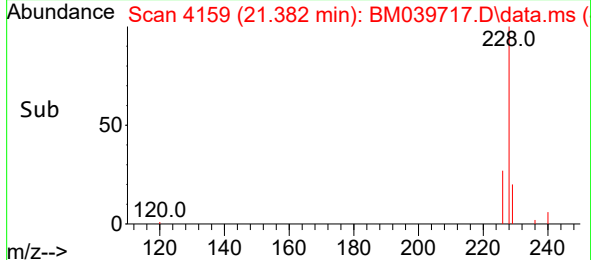
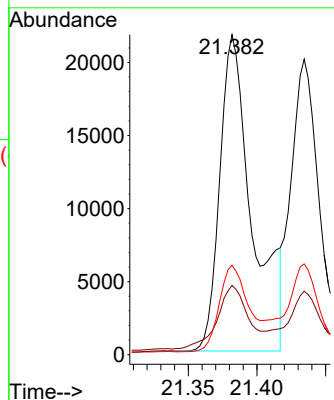
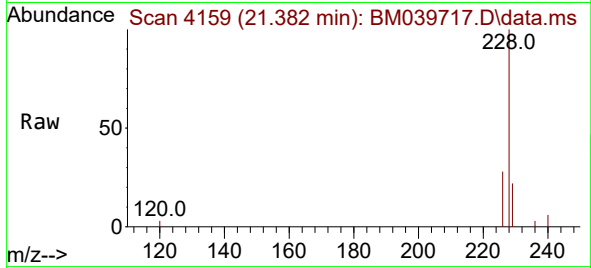




#21
Benzo(a)anthracene
Concen: 0.959 ng/ul
RT: 21.382 min Scan# 411
Delta R.T. -0.015 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

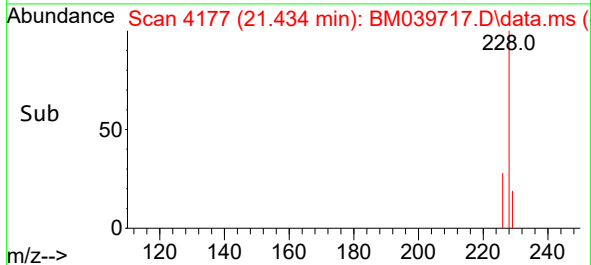
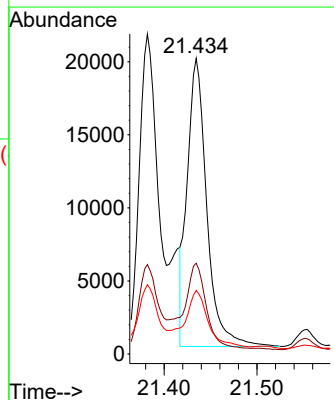
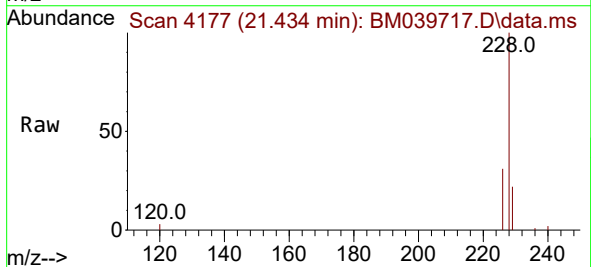
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL

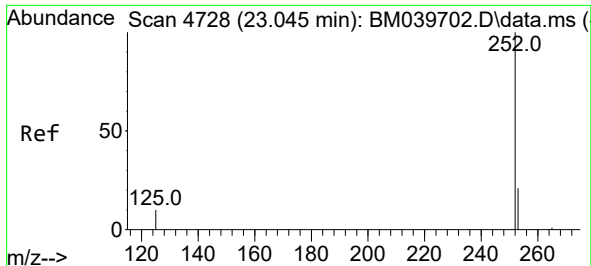
Tgt Ion:228 Resp: 35345
Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 28.0 21.6 32.4



#22
Chrysene
Concen: 0.691 ng/ul
RT: 21.434 min Scan# 4177
Delta R.T. -0.012 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

Tgt Ion:228 Resp: 28850
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.5 15.9 23.9

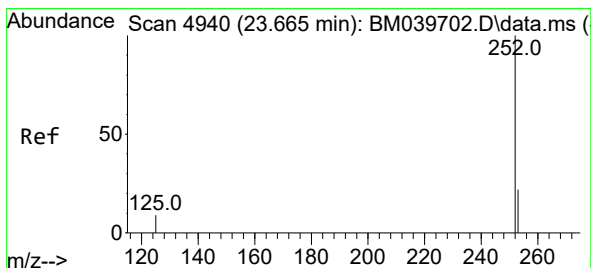
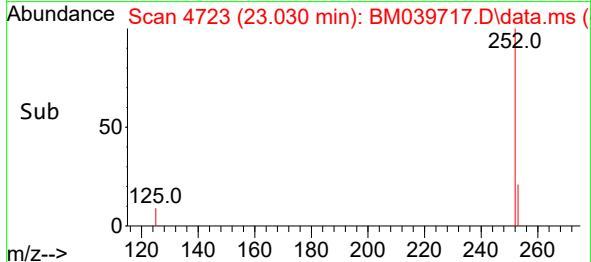
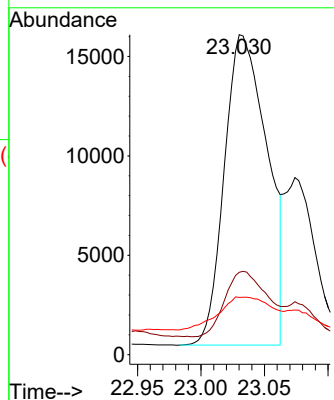
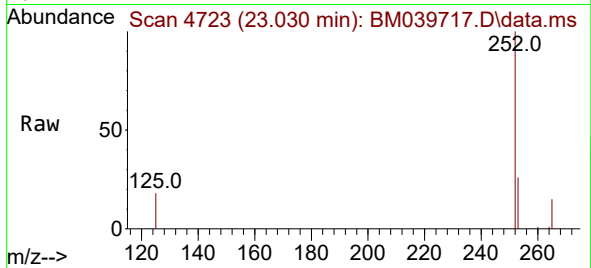




#24
Benzo(b)fluoranthene
Concen: 0.961 ng/ul
RT: 23.030 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

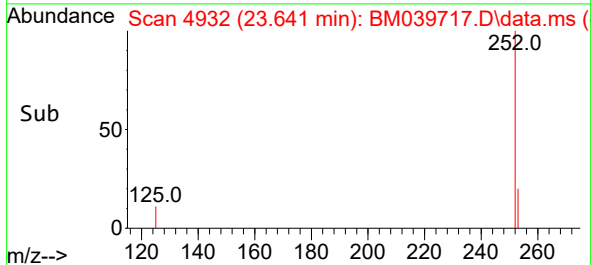
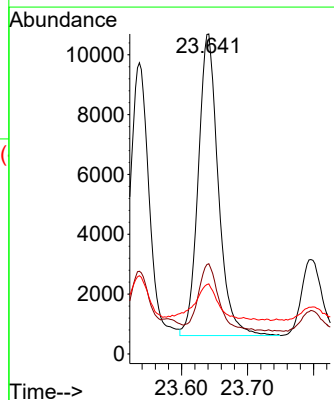
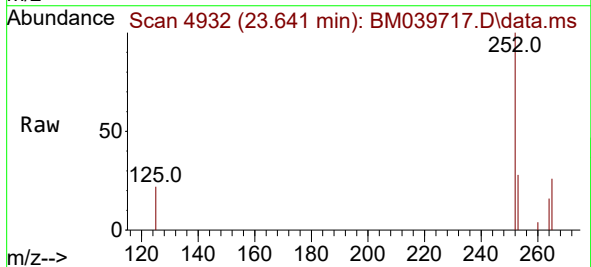
Instrument :
BNA_M
ClientSampleId :
EW8Z7DL

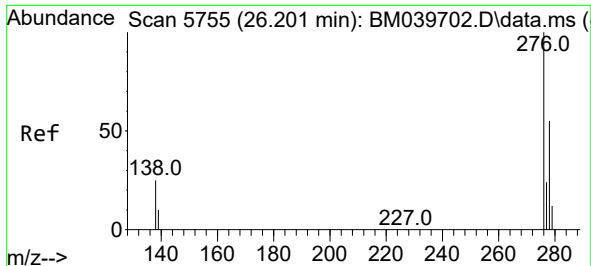
Tgt Ion:252 Resp: 36514
Ion Ratio Lower Upper
252 100
253 25.8 0.0 52.8
125 17.9 0.0 31.6



#26
Benzo(a)pyrene
Concen: 0.625 ng/ul
RT: 23.641 min Scan# 4932
Delta R.T. -0.023 min
Lab File: BM039717.D
Acq: 27 Apr 2023 21:59

Tgt Ion:252 Resp: 21309
Ion Ratio Lower Upper
252 100
253 28.2 24.7 37.1
125 21.9 16.5 24.7

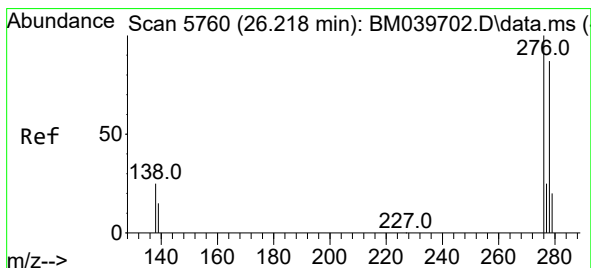
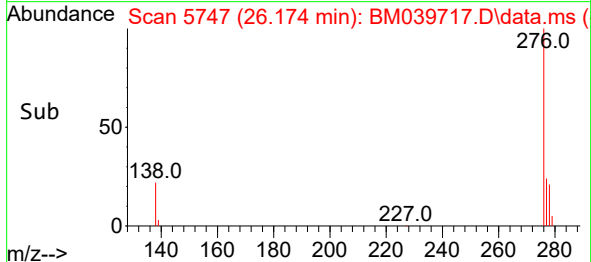
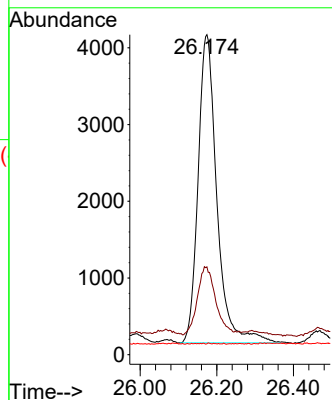
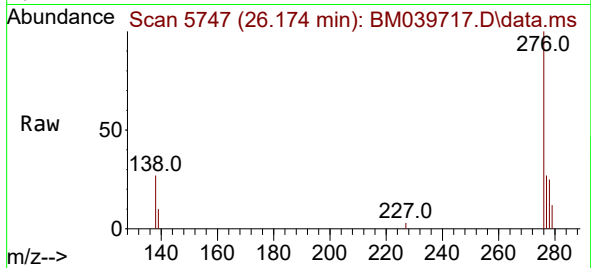




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.318 ng/ul
 RT: 26.174 min Scan# 51
 Delta R.T. -0.027 min
 Lab File: BM039717.D
 Acq: 27 Apr 2023 21:59

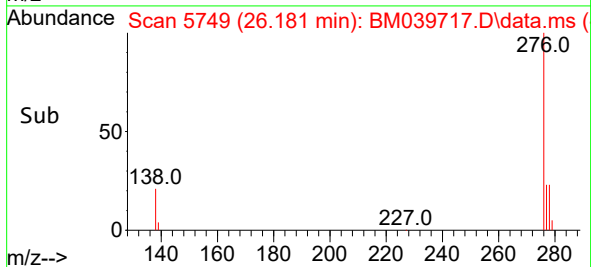
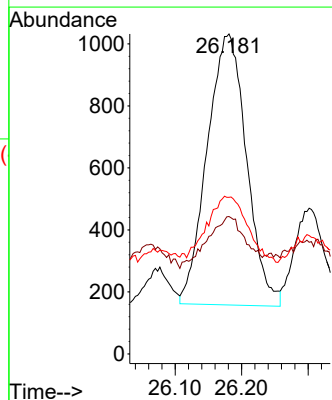
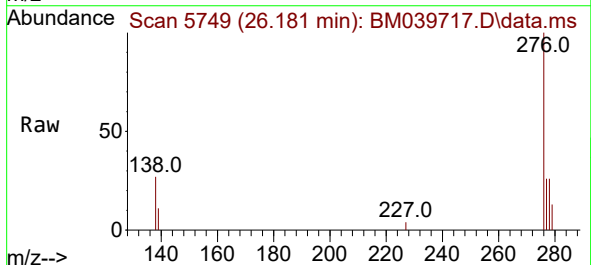
Instrument :
 BNA_M
 ClientSampleId :
 EW8Z7DL

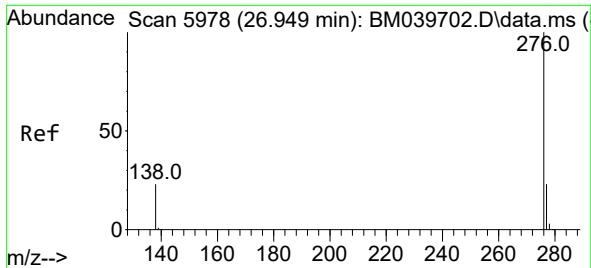
Tgt Ion:276 Resp: 13693
 Ion Ratio Lower Upper
 276 100
 138 0.0 21.1 31.7#
 227 0.1 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.107 ng/ul
 RT: 26.181 min Scan# 5749
 Delta R.T. -0.037 min
 Lab File: BM039717.D
 Acq: 27 Apr 2023 21:59

Tgt Ion:278 Resp: 3592
 Ion Ratio Lower Upper
 278 100
 139 42.9 17.0 25.6#
 279 48.9 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.327 ng/ul
 RT: 26.919 min Scan# 5969
 Delta R.T. -0.030 min
 Lab File: BM039717.D
 Acq: 27 Apr 2023 21:59

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z7DL

Tgt Ion:	276	Resp:	12292
Ion	Ratio	Lower	Upper
276	100		
138	28.7	20.1	30.1
277	27.0	20.1	30.1

