

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039748.D
 Acq On : 28 Apr 2023 22:18
 Operator : CG/JU
 Sample : 02417-04
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X0

Quant Time: Apr 29 02:26:20 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)

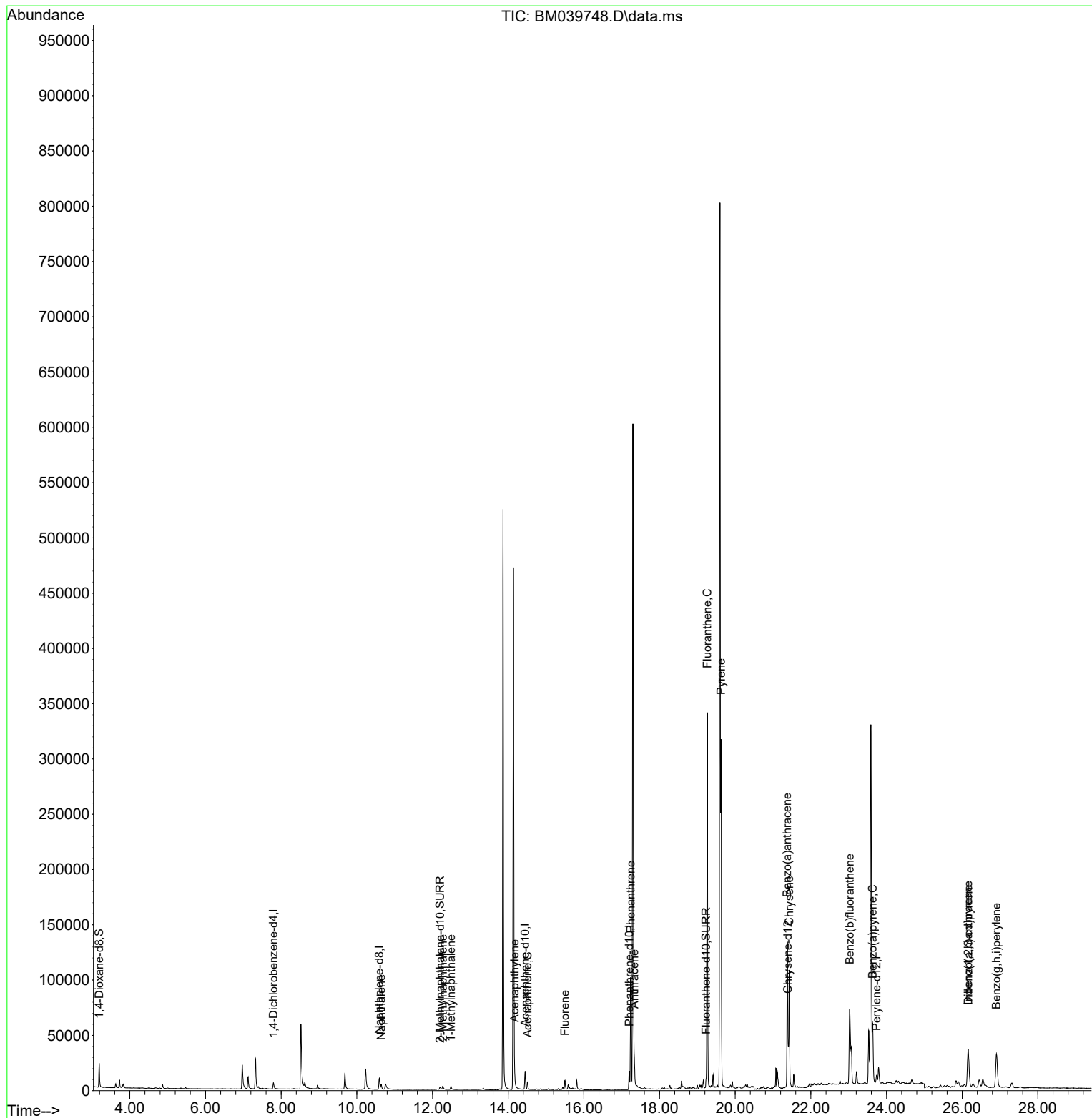
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	3906	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	15709	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	9159	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19891	0.400	ng/ul	-0.02
17) Chrysene-d12	21.394	240	11627	0.400	ng/ul	-0.01
23) Perylene-d12	23.738	264	9454	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	13600	2.363	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	4185	0.208	ng/ul	-0.02
18) Fluoranthene-d10	19.229	212	9322	0.298	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.645	128	6775	0.172	ng/ul	98
7) 2-Methylnaphthalene	12.272	142	3015	0.132	ng/ul	98
8) 1-Methylnaphthalene	12.487	142	2355	0.096	ng/ul	99
10) Acenaphthylene	14.169	152	10392	0.293	ng/ul	98
11) Acenaphthene	14.511	153	4253	0.153	ng/ul	99
12) Fluorene	15.501	166	5734	0.186	ng/ul	98
15) Phenanthrene	17.238	178	109247	2.085	ng/ul	99
16) Anthracene	17.331	178	21388	0.475	ng/ul	99
19) Fluoranthene	19.262	202	288165	6.947	ng/ul	99
20) Pyrene	19.624	202	257891	5.757	ng/ul	100
21) Benzo(a)anthracene	21.376	228	112628	3.369	ng/ul	98
22) Chrysene	21.429	228	109023	2.882	ng/ul	98
24) Benzo(b)fluoranthene	23.027	252	116335	3.504	ng/ul	94
26) Benzo(a)pyrene	23.632	252	75173	2.522	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.157	276	58185	1.544	ng/ul	93
28) Dibenzo(a,h)anthracene	26.157	278	17708	0.605	ng/ul	92
29) Benzo(g,h,i)perylene	26.905	276	67987	2.070	ng/ul	99

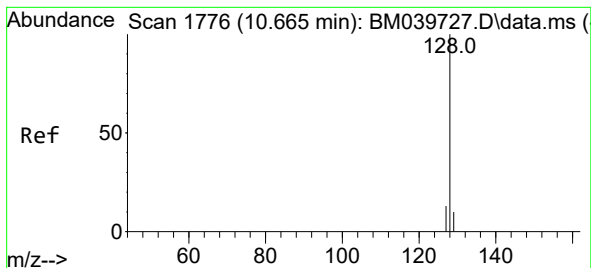
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.172 ng/ul

RT: 10.645 min Scan# 1

Delta R.T. -0.016 min

Lab File: BM039748.D

Acq: 28 Apr 2023 22:18

Instrument :

BNA_M

ClientSampleId :

EW8X0

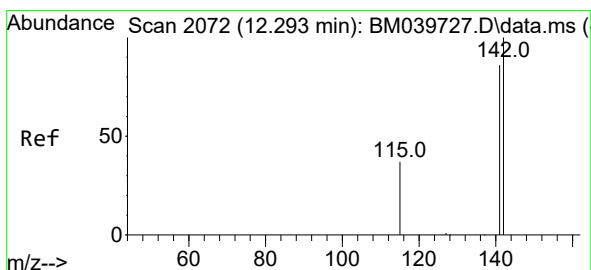
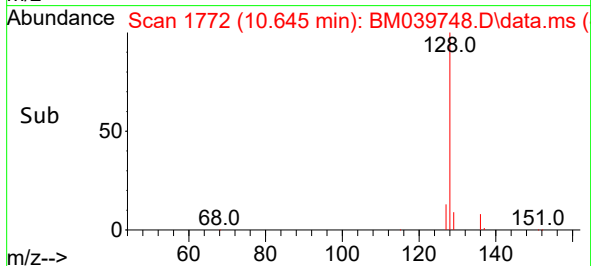
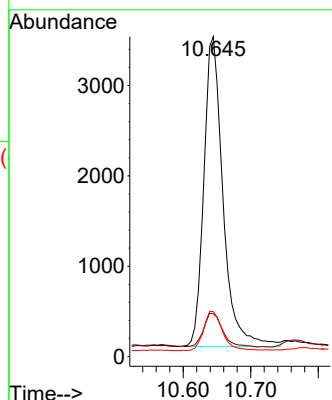
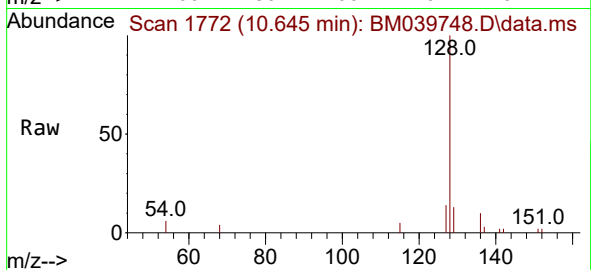
Tgt Ion:128 Resp: 6775

Ion Ratio Lower Upper

128 100

129 13.4 9.8 14.6

127 14.1 11.1 16.7



#7

2-Methylnaphthalene

Concen: 0.132 ng/ul

RT: 12.272 min Scan# 2068

Delta R.T. -0.016 min

Lab File: BM039748.D

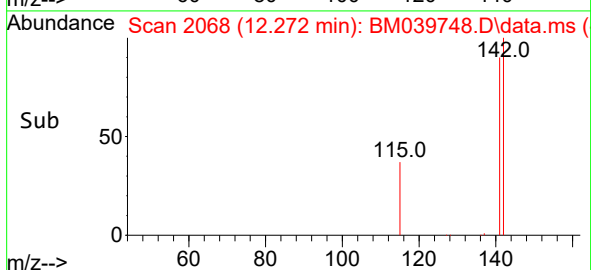
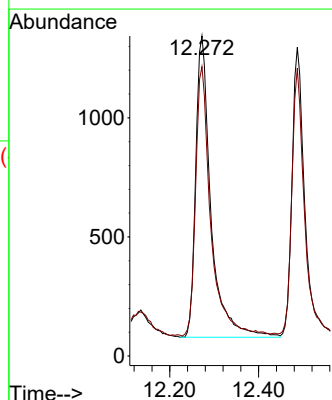
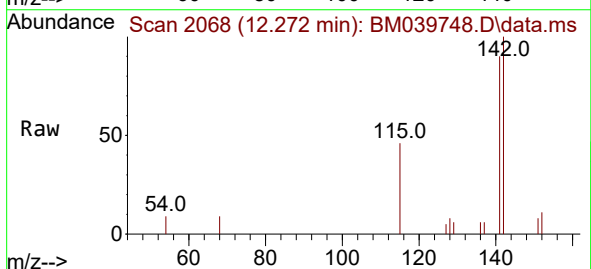
Acq: 28 Apr 2023 22:18

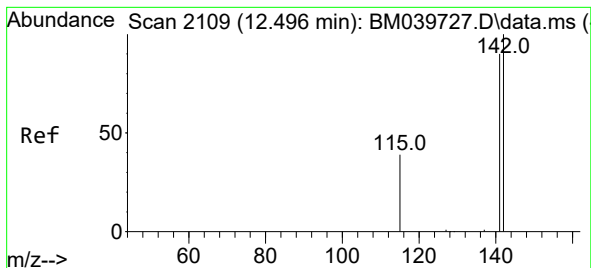
Tgt Ion:142 Resp: 3015

Ion Ratio Lower Upper

142 100

141 89.3 73.2 109.8





#8

1-Methylnaphthalene

Concen: 0.096 ng/ul

RT: 12.487 min Scan# 2107

Delta R.T. -0.011 min

Lab File: BM039748.D

Acq: 28 Apr 2023 22:18

Instrument :

BNA_M

ClientSampleId :

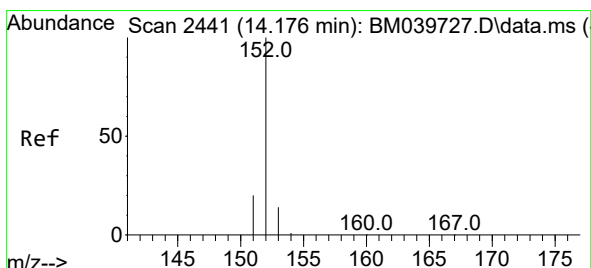
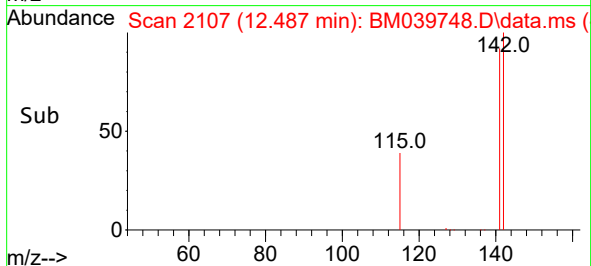
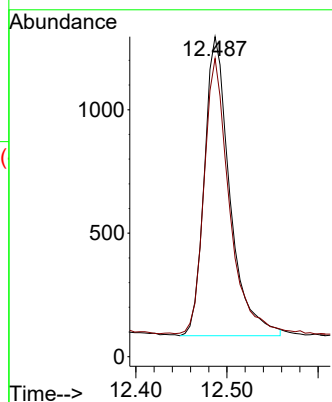
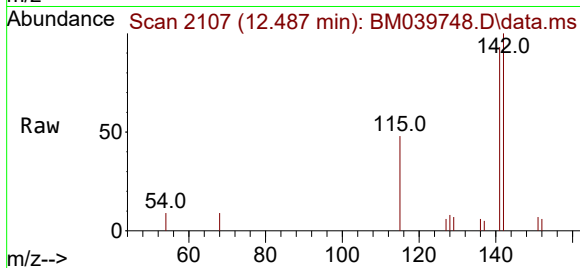
EW8X0

Tgt Ion:142 Resp: 2355

Ion Ratio Lower Upper

142 100

141 90.7 73.4 110.2



#10

Acenaphthylene

Concen: 0.293 ng/ul

RT: 14.169 min Scan# 2439

Delta R.T. -0.014 min

Lab File: BM039748.D

Acq: 28 Apr 2023 22:18

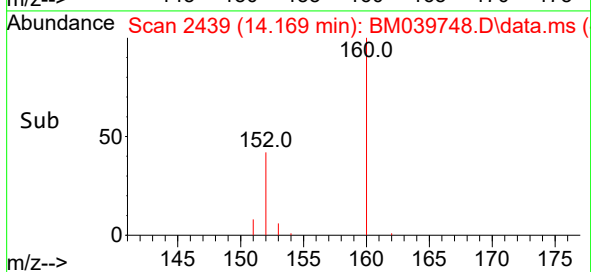
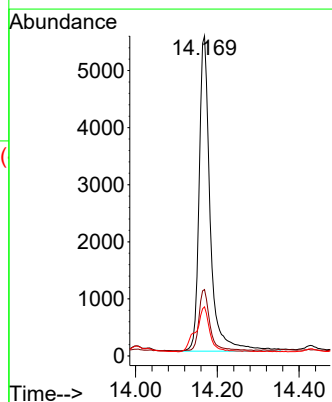
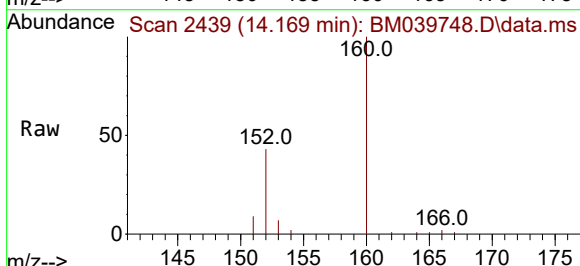
Tgt Ion:152 Resp: 10392

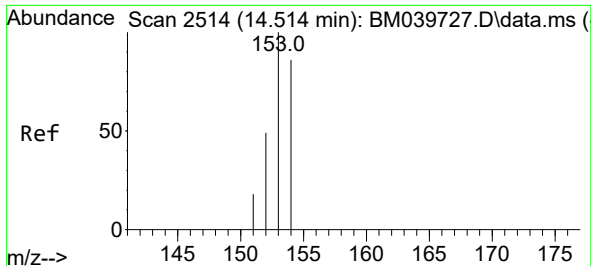
Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

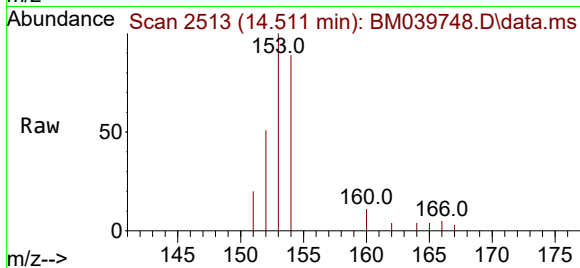
153 15.3 11.2 16.8



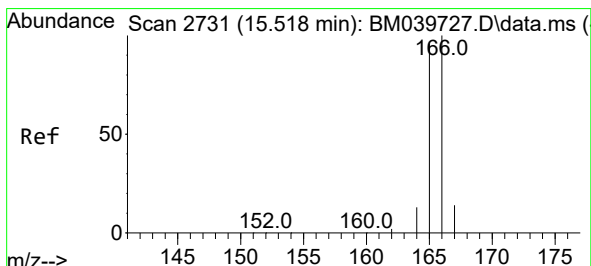
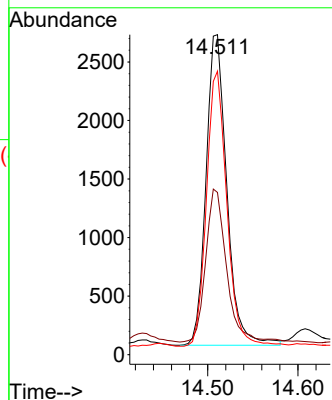
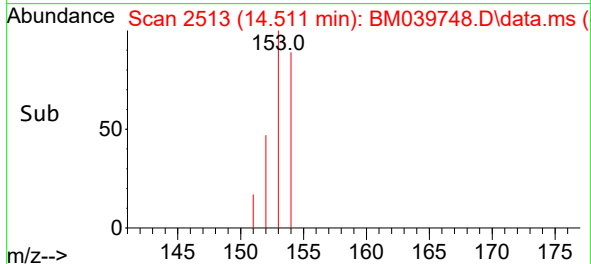


#11
Acenaphthene
Concen: 0.153 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM039748.D
Acq: 28 Apr 2023 22:18

Instrument :
BNA_M
ClientSampleId :
EW8X0

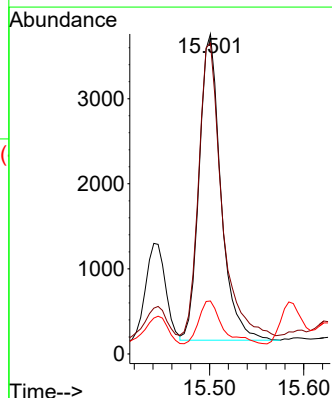
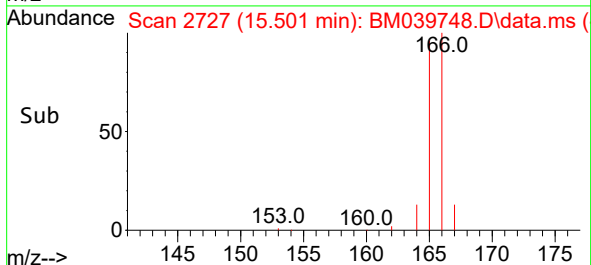
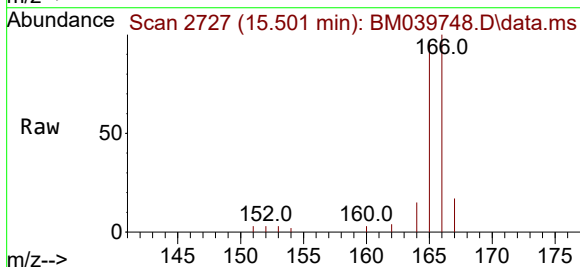


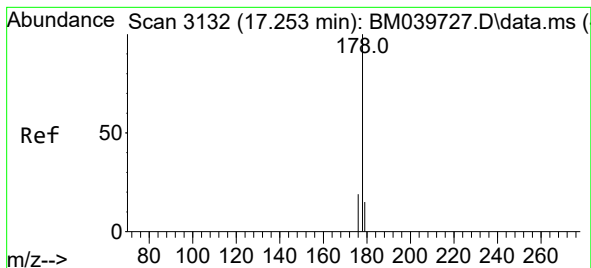
Tgt Ion:153 Resp: 4253
Ion Ratio Lower Upper
153 100
152 50.7 40.6 61.0
154 88.6 71.9 107.9



#12
Fluorene
Concen: 0.186 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.018 min
Lab File: BM039748.D
Acq: 28 Apr 2023 22:18

Tgt Ion:166 Resp: 5734
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 16.6 11.8 17.6





#15

Phenanthrene

Concen: 2.085 ng/ul

RT: 17.238 min Scan# 31

Delta R.T. -0.017 min

Lab File: BM039748.D

Acq: 28 Apr 2023 22:18

Instrument :

BNA_M

ClientSampleId :

EW8X0

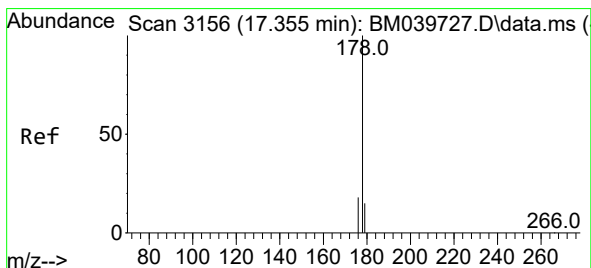
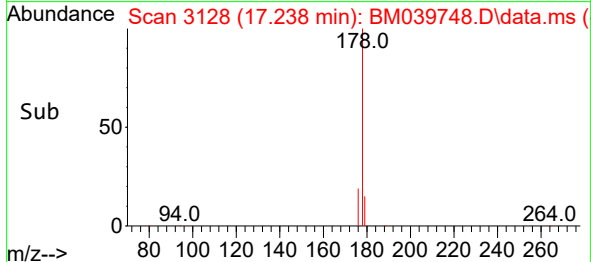
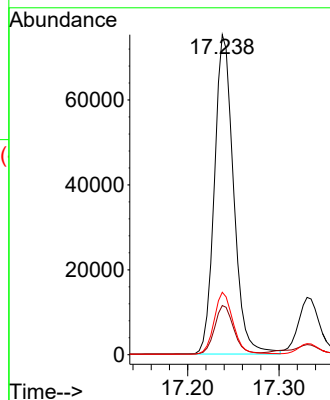
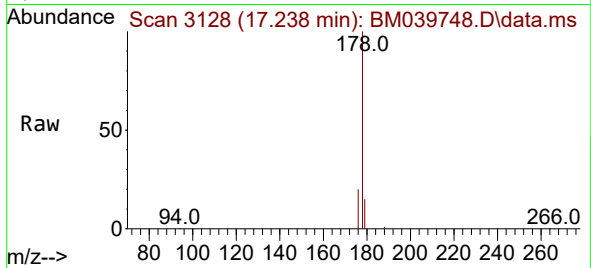
Tgt Ion:178 Resp: 109247

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 19.5 15.8 23.8



#16

Anthracene

Concen: 0.475 ng/ul

RT: 17.331 min Scan# 3150

Delta R.T. -0.025 min

Lab File: BM039748.D

Acq: 28 Apr 2023 22:18

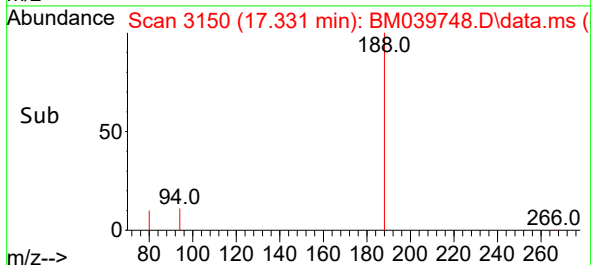
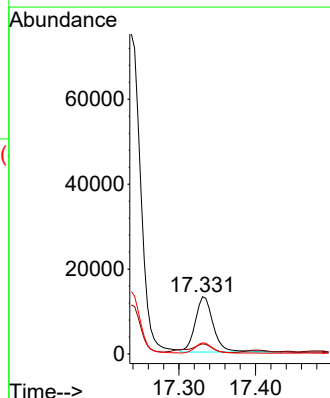
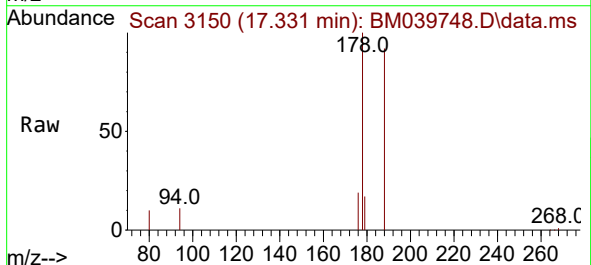
Tgt Ion:178 Resp: 21388

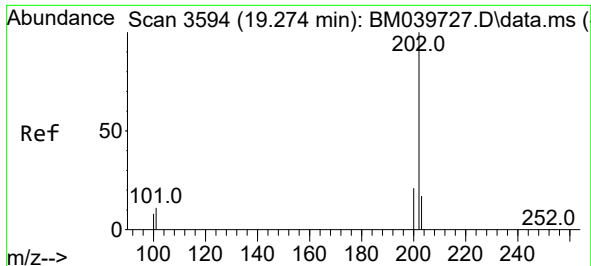
Ion Ratio Lower Upper

178 100

179 17.5 13.8 20.6

176 19.3 15.8 23.8

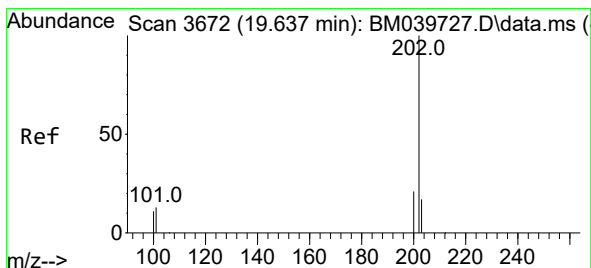
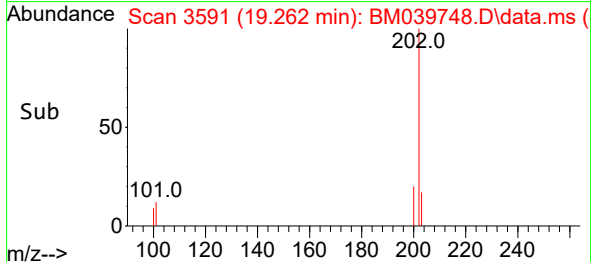
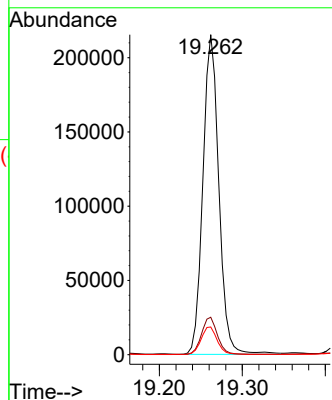
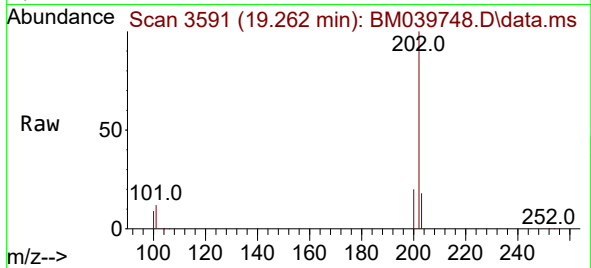




#19
Fluoranthene
Concen: 6.947 ng/ul
RT: 19.262 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM039748.D
Acq: 28 Apr 2023 22:18

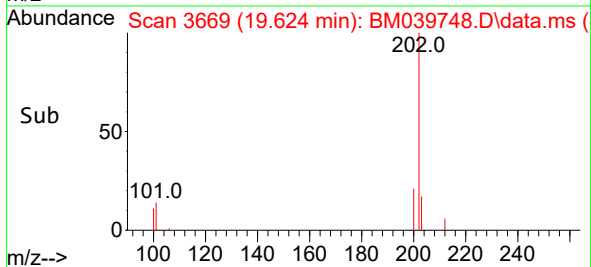
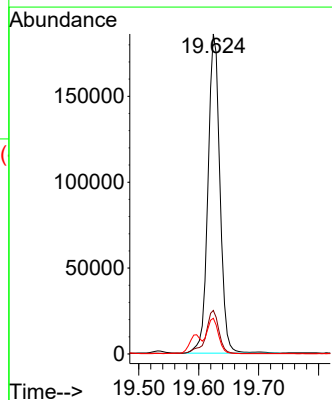
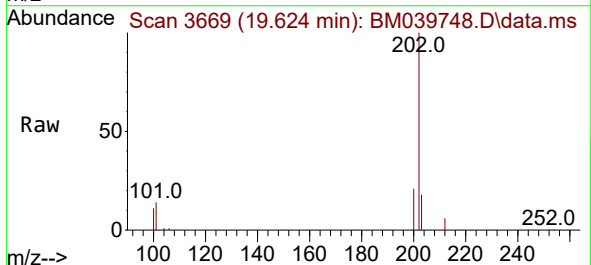
Instrument :
BNA_M
ClientSampleId :
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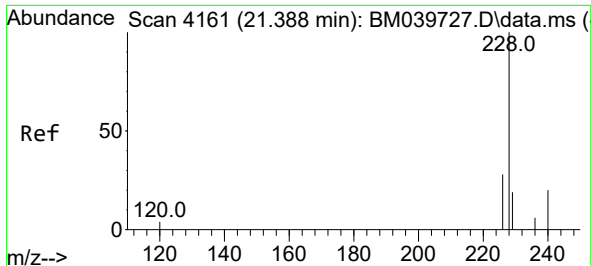
Tgt Ion:202 Resp: 288165
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.6 7.3 10.9



#20
Pyrene
Concen: 5.757 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.019 min
Lab File: BM039748.D
Acq: 28 Apr 2023 22:18

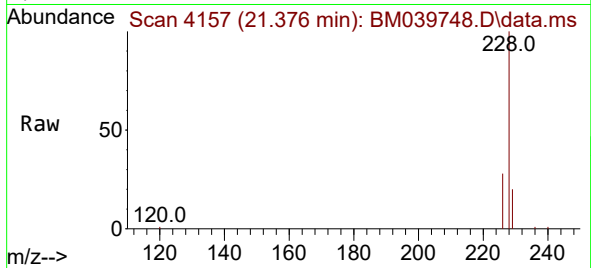
Tgt Ion:202 Resp: 257891
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 11.2 8.9 13.3



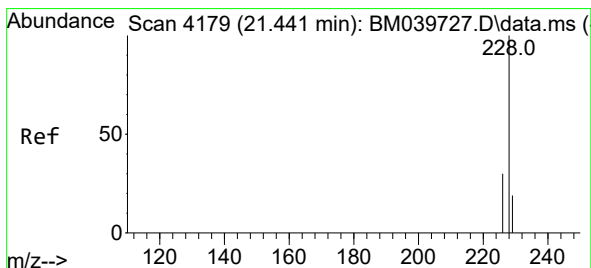
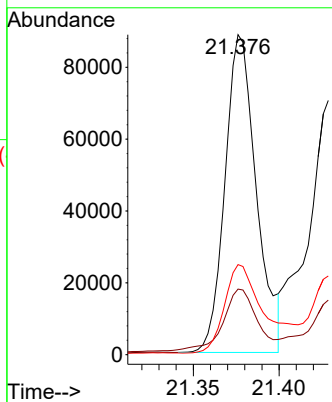
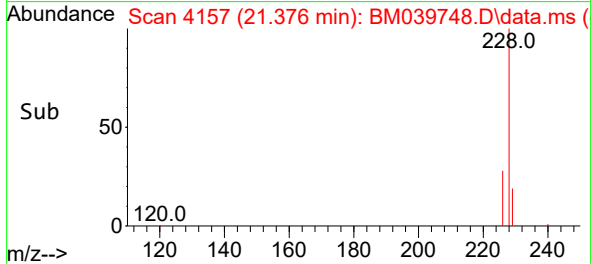


#21
Benzo(a)anthracene
Concen: 3.369 ng/ul
RT: 21.376 min Scan# 41157
Delta R.T. -0.020 min
Lab File: BM039748.D
Acq: 28 Apr 2023 22:18

Instrument :
BNA_M
ClientSampleId :
EW8X0

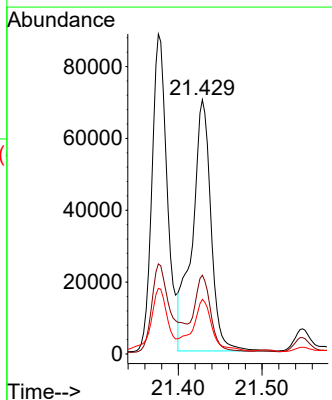
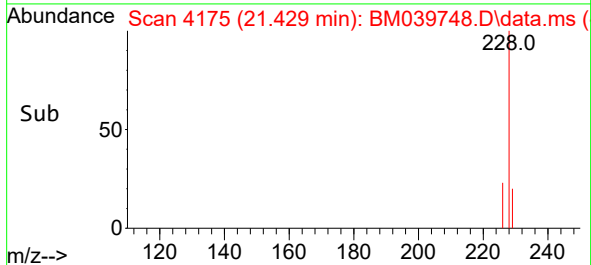
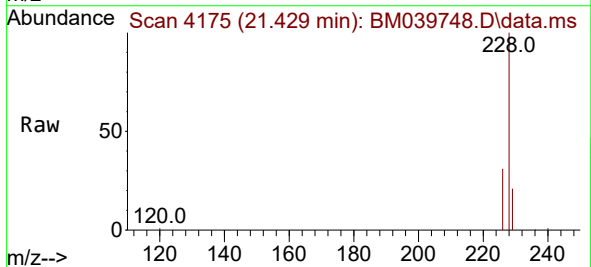


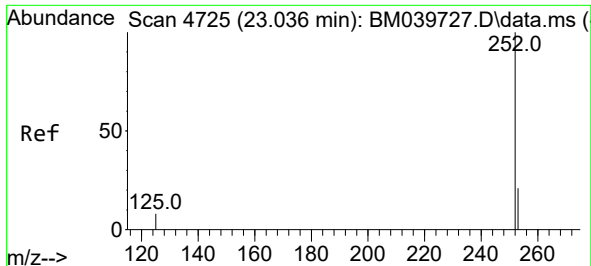
Tgt Ion:228 Resp: 112628
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 28.2 21.6 32.4



#22
Chrysene
Concen: 2.882 ng/ul
RT: 21.429 min Scan# 4175
Delta R.T. -0.017 min
Lab File: BM039748.D
Acq: 28 Apr 2023 22:18

Tgt Ion:228 Resp: 109023
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.5 15.9 23.9

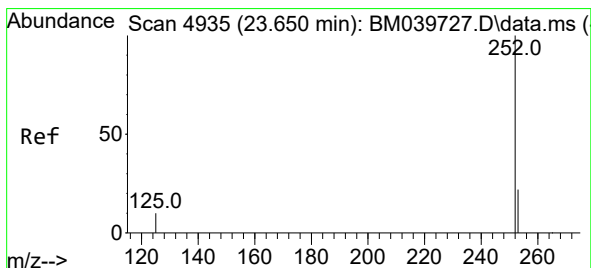
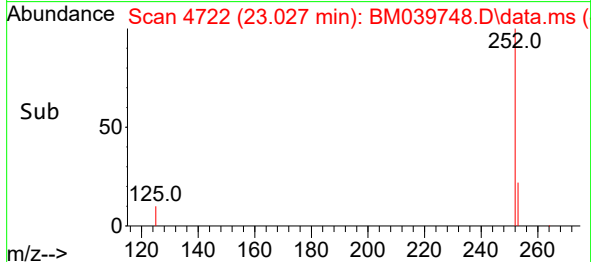
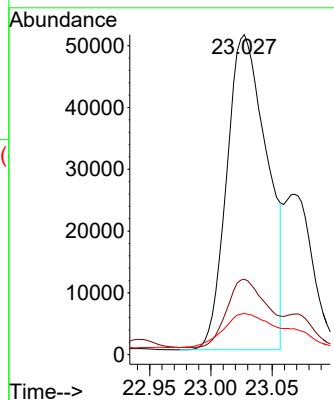
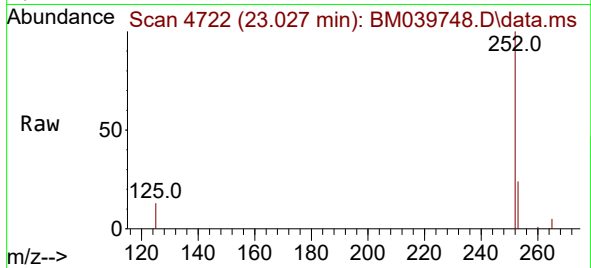




#24
Benzo(b)fluoranthene
Concen: 3.504 ng/ul
RT: 23.027 min Scan# 41
Delta R.T. -0.017 min
Lab File: BM039748.D
Acq: 28 Apr 2023 22:18

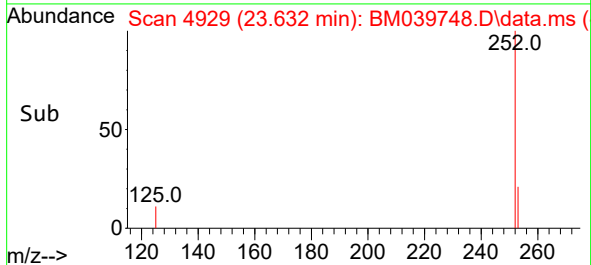
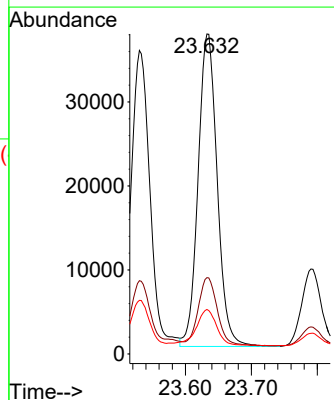
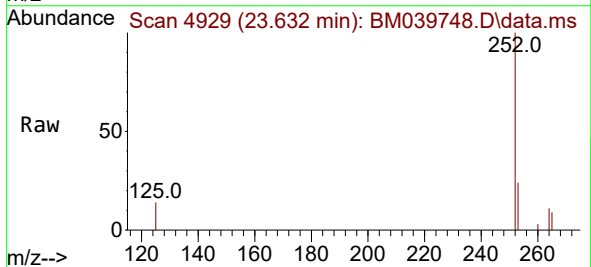
Instrument :
BNA_M
ClientSampleId :
EW8X0

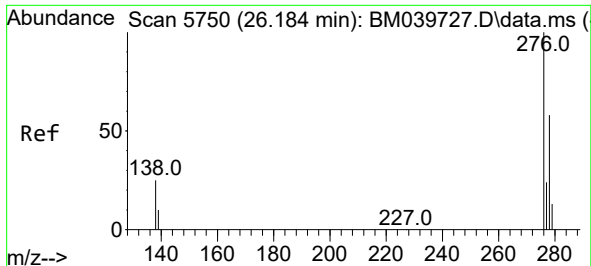
Tgt Ion:252 Resp: 116335
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.8
125 12.9 0.0 31.6



#26
Benzo(a)pyrene
Concen: 2.522 ng/ul
RT: 23.632 min Scan# 4929
Delta R.T. -0.032 min
Lab File: BM039748.D
Acq: 28 Apr 2023 22:18

Tgt Ion:252 Resp: 75173
Ion Ratio Lower Upper
252 100
253 23.9 24.7 37.1#
125 13.9 16.5 24.7#

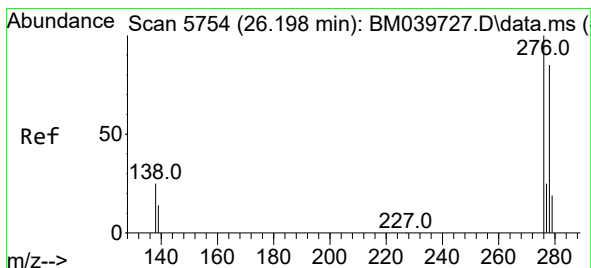
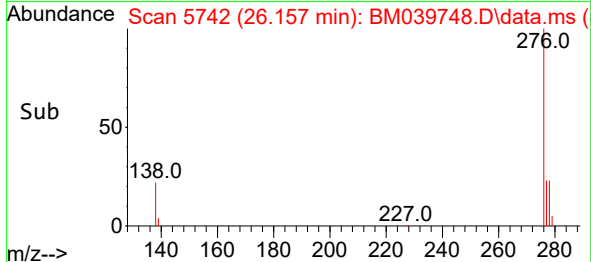
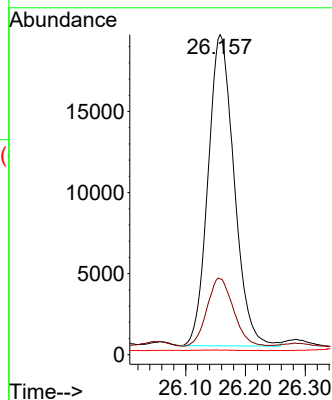
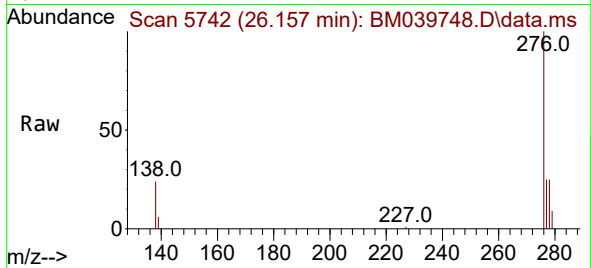




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.544 ng/ul
 RT: 26.157 min Scan# 5742
 Delta R.T. -0.044 min
 Lab File: BM039748.D
 Acq: 28 Apr 2023 22:18

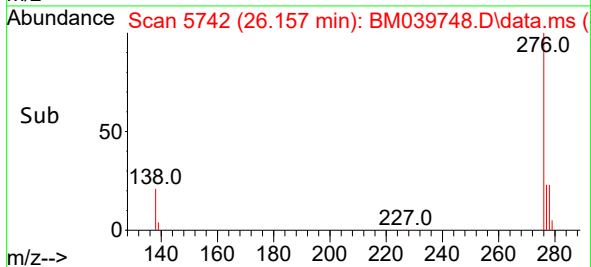
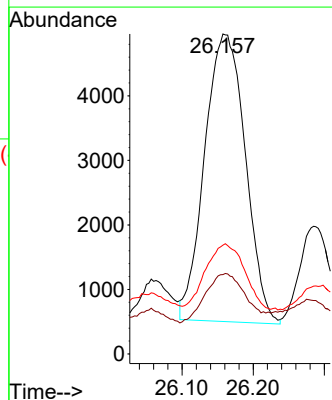
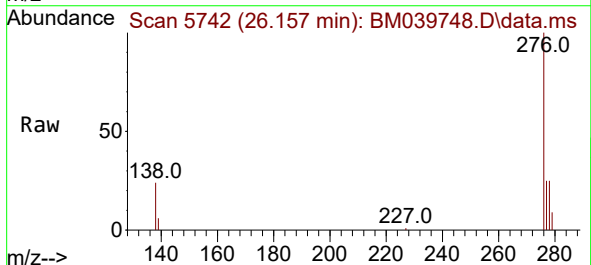
Instrument :
 BNA_M
 ClientSampleId :
 EW8X0

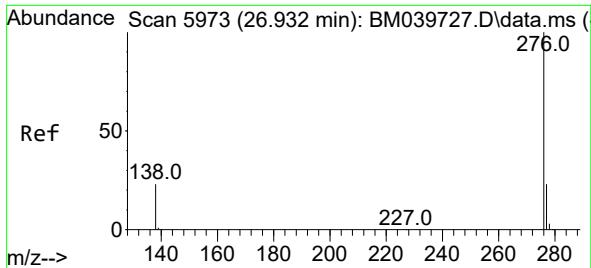
Tgt Ion:276 Resp: 58185
 Ion Ratio Lower Upper
 276 100
 138 22.6 21.1 31.7
 227 0.1 0.1 0.1



#28
 Dibenzo(a,h)anthracene
 Concen: 0.605 ng/ul
 RT: 26.157 min Scan# 5742
 Delta R.T. -0.060 min
 Lab File: BM039748.D
 Acq: 28 Apr 2023 22:18

Tgt Ion:278 Resp: 17708
 Ion Ratio Lower Upper
 278 100
 139 24.8 17.0 25.6
 279 34.0 23.4 35.2





#29
Benzo(g,h,i)perylene
Concen: 2.070 ng/ul
RT: 26.905 min Scan# 5973
Delta R.T. -0.044 min
Lab File: BM039748.D
Acq: 28 Apr 2023 22:18

Instrument :
BNA_M
ClientSampleId :
EW8X0

Tgt Ion:276 Resp: 67987
Ion Ratio Lower Upper
276 100
138 24.0 20.1 30.1
277 24.9 20.1 30.1

