

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039738.D
 Acq On : 28 Apr 2023 16:19
 Operator : CG/JU
 Sample : 02417-23
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW906

Quant Time: Apr 29 02:24:46 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)

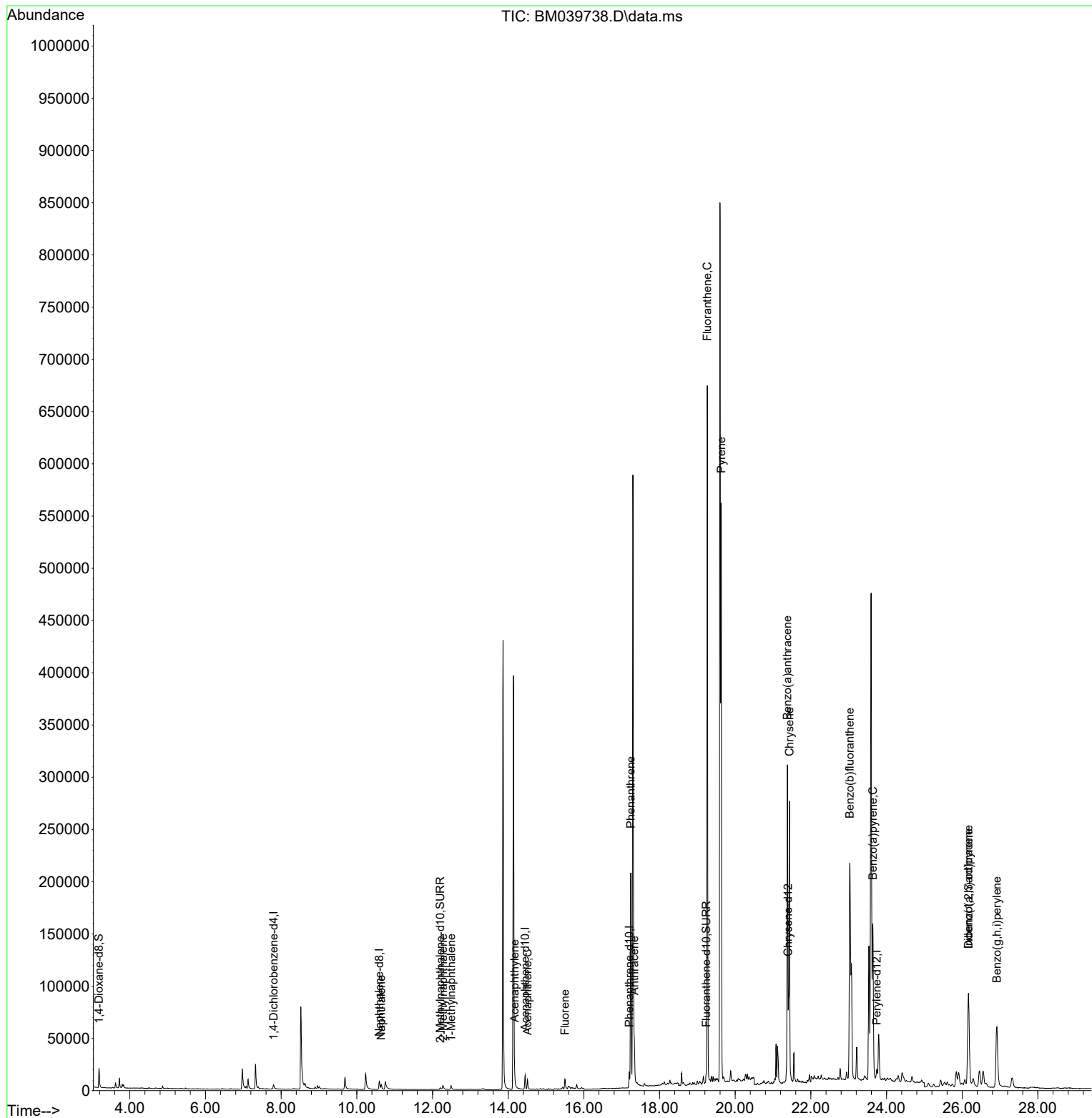
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3146	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	12323	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	7407	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	17653	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.397	240	14307	0.400	ng/ul	#-0.01
23) Perylene-d12	23.744	264	13296	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	12288	2.650	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	3518	0.223	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	10109	0.263	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.645	128	7161	0.231	ng/ul	97
7) 2-Methylnaphthalene	12.278	142	4441	0.249	ng/ul	96
8) 1-Methylnaphthalene	12.492	142	3250	0.170	ng/ul	98
10) Acenaphthylene	14.169	152	10615	0.370	ng/ul	97
11) Acenaphthene	14.511	153	5597	0.249	ng/ul	99
12) Fluorene	15.501	166	6368	0.255	ng/ul#	98
15) Phenanthrene	17.238	178	224384	4.825	ng/ul	99
16) Anthracene	17.335	178	41571	1.041	ng/ul	98
19) Fluoranthene	19.262	202	559969	10.971	ng/ul	99
20) Pyrene	19.629	202	466338	8.460	ng/ul	98
21) Benzo(a)anthracene	21.379	228	266859	6.487	ng/ul	99
22) Chrysene	21.432	228	270388	5.808	ng/ul	98
24) Benzo(b)fluoranthene	23.030	252	359358	7.696	ng/ul	94
26) Benzo(a)pyrene	23.638	252	215178	5.133	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.167	276	159779	3.014	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.167	278	36966	0.898	ng/ul	97
29) Benzo(g,h,i)perylene	26.915	276	133353	2.887	ng/ul	98

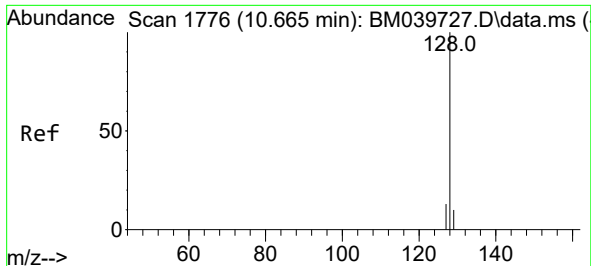
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039738.D
Acq On : 28 Apr 2023 16:19
Operator : CG/JU
Sample : 02417-23
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW906

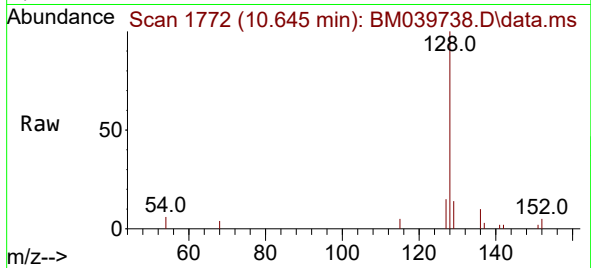
Quant Time: Apr 29 02:24:46 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration



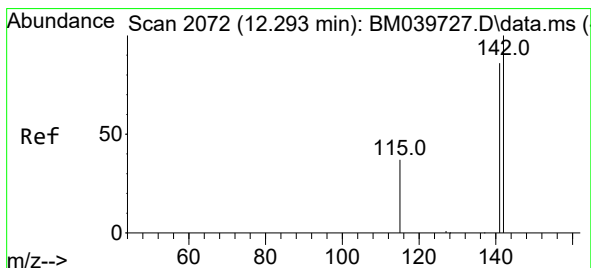
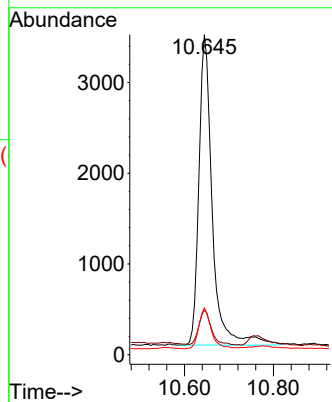
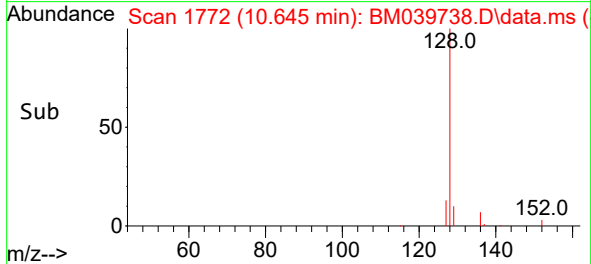


#5
Naphthalene
Concen: 0.231 ng/ul
RT: 10.645 min Scan# 1772
Delta R.T. -0.016 min
Lab File: BM039738.D
Acq: 28 Apr 2023 16:19

Instrument :
BNA_M
ClientSampleId :
EW906

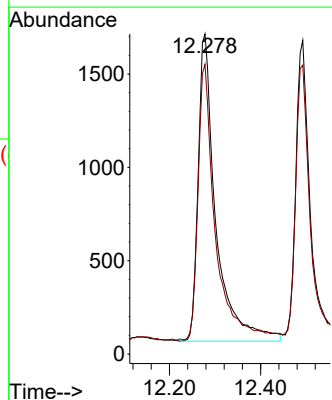
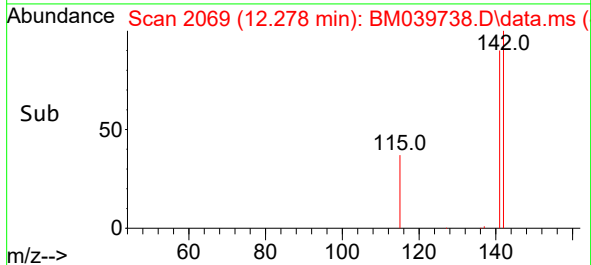
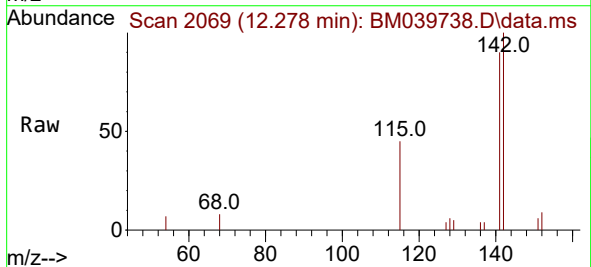


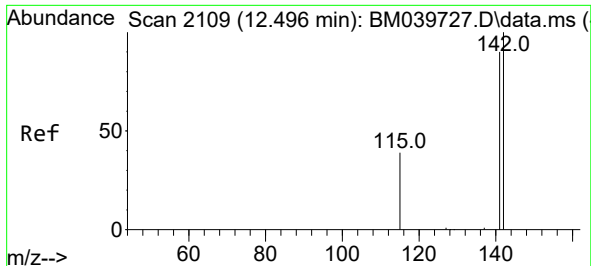
Tgt Ion:128 Resp: 7161
Ion Ratio Lower Upper
128 100
129 13.9 9.8 14.6
127 14.6 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.278 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM039738.D
Acq: 28 Apr 2023 16:19

Tgt Ion:142 Resp: 4441
Ion Ratio Lower Upper
142 100
141 87.9 73.2 109.8

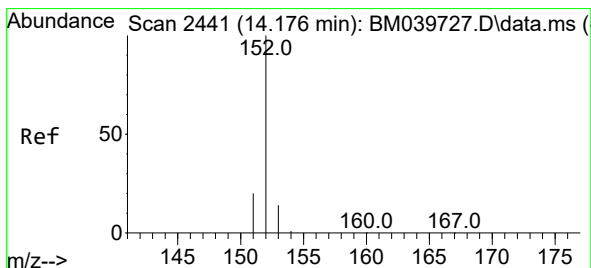
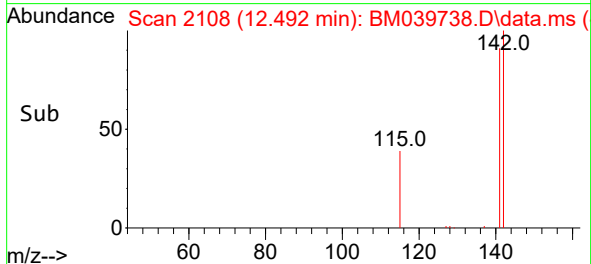
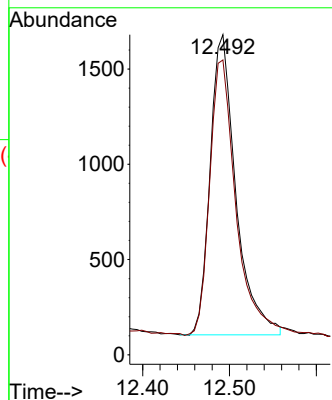
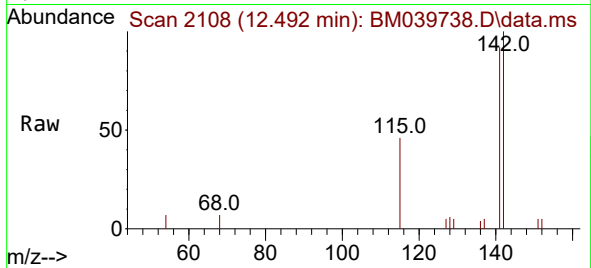




#8
1-Methylnaphthalene
Concen: 0.170 ng/ul
RT: 12.492 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM039738.D
Acq: 28 Apr 2023 16:19

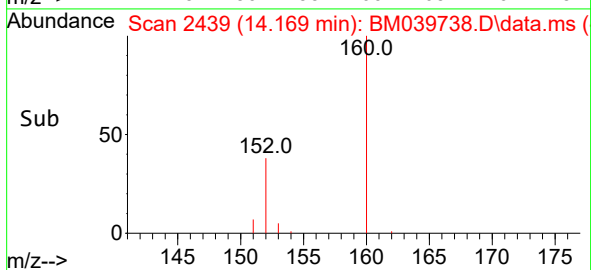
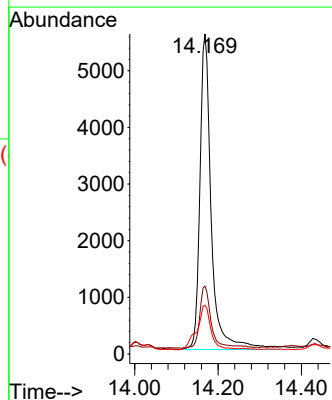
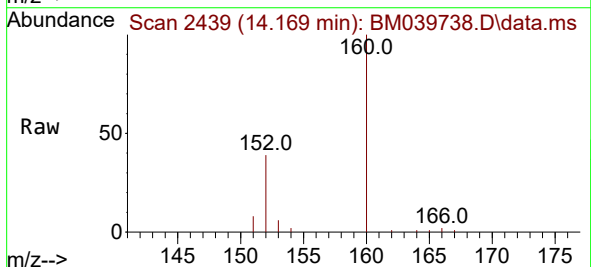
Instrument :
BNA_M
ClientSampleId :
EW906

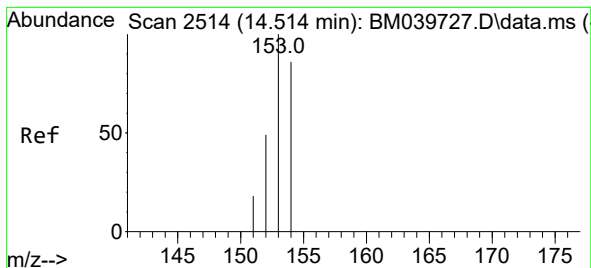
Tgt Ion:142 Resp: 3250
Ion Ratio Lower Upper
142 100
141 93.5 73.4 110.2



#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039738.D
Acq: 28 Apr 2023 16:19

Tgt Ion:152 Resp: 10615
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 15.2 11.2 16.8





#11

Acenaphthene

Concen: 0.249 ng/ul

RT: 14.511 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM039738.D

Acq: 28 Apr 2023 16:19

Instrument :

BNA_M

ClientSampleId :

EW906

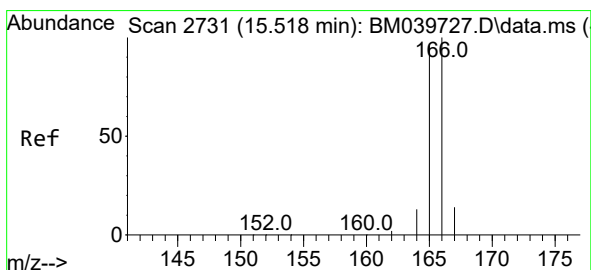
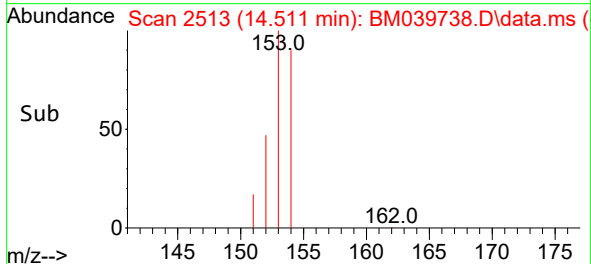
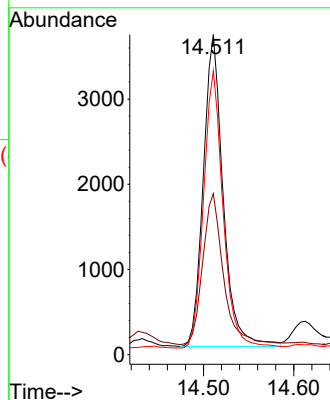
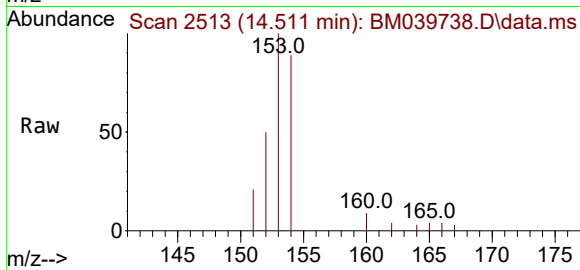
Tgt Ion:153 Resp: 5597

Ion Ratio Lower Upper

153 100

152 50.3 40.6 61.0

154 88.7 71.9 107.9



#12

Fluorene

Concen: 0.255 ng/ul

RT: 15.501 min Scan# 2727

Delta R.T. -0.018 min

Lab File: BM039738.D

Acq: 28 Apr 2023 16:19

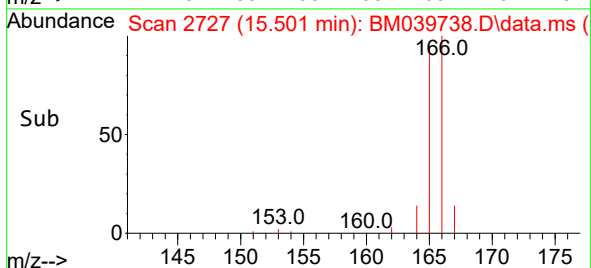
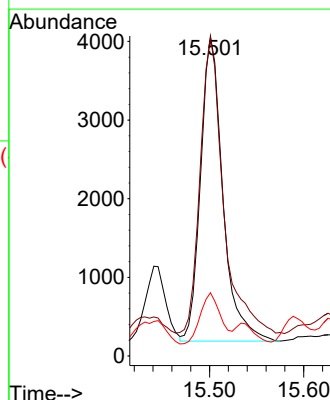
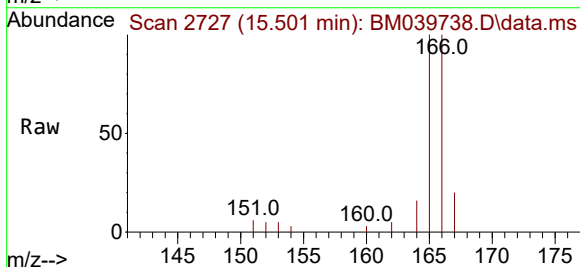
Tgt Ion:166 Resp: 6368

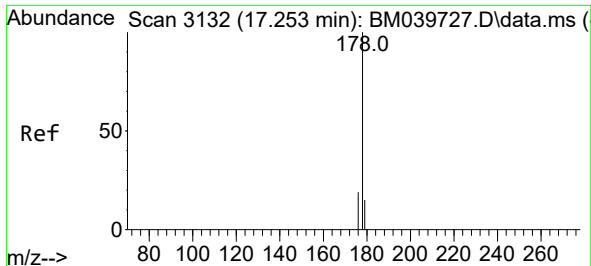
Ion Ratio Lower Upper

166 100

165 99.5 79.0 118.6

167 19.7 11.8 17.6#

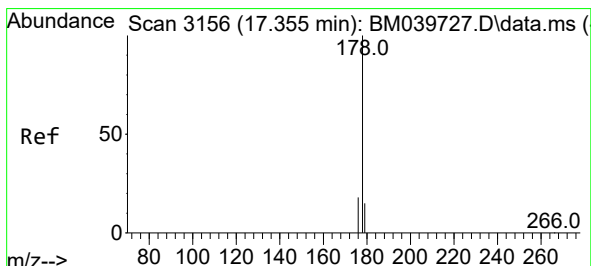
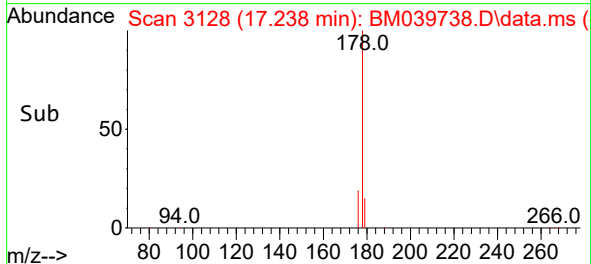
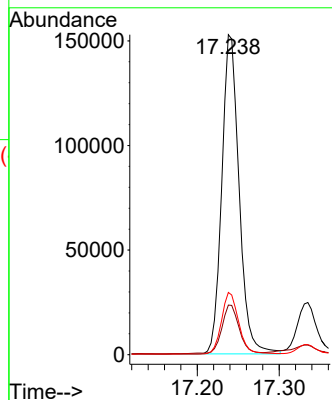
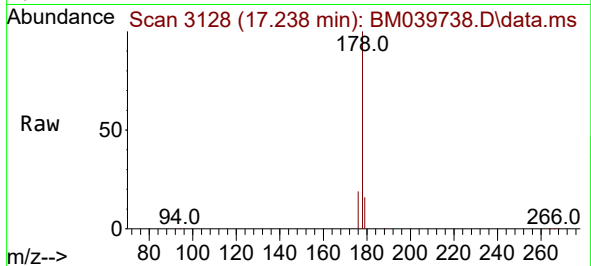




#15
Phenanthrene
Concen: 4.825 ng/ul
RT: 17.238 min Scan# 311
Delta R.T. -0.017 min
Lab File: BM039738.D
Acq: 28 Apr 2023 16:19

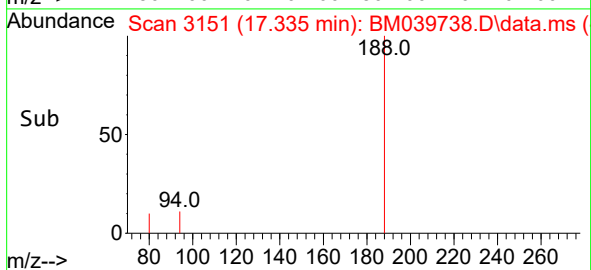
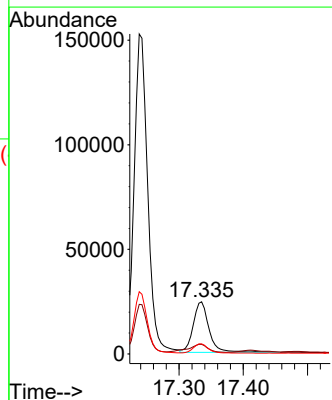
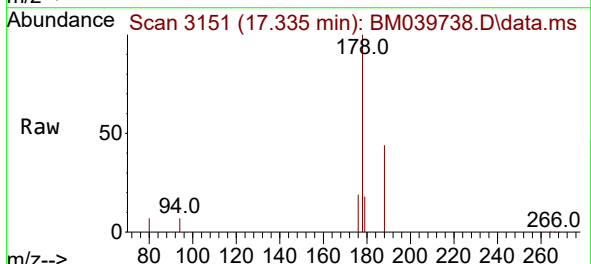
Instrument :
BNA_M
ClientSampleId :
EW906

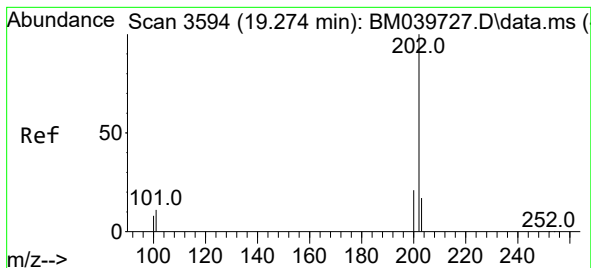
Tgt Ion:178 Resp: 224384
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.4 15.8 23.8



#16
Anthracene
Concen: 1.041 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039738.D
Acq: 28 Apr 2023 16:19

Tgt Ion:178 Resp: 41571
Ion Ratio Lower Upper
178 100
179 18.3 13.8 20.6
176 19.4 15.8 23.8





#19

Fluoranthene

Concen: 10.971 ng/ul

RT: 19.262 min Scan# 3591

Delta R.T. -0.014 min

Lab File: BM039738.D

Acq: 28 Apr 2023 16:19

Instrument :

BNA_M

ClientSampleId :

EW906

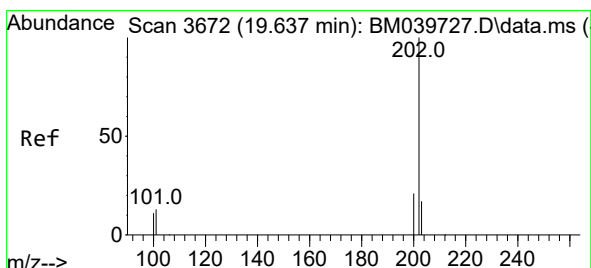
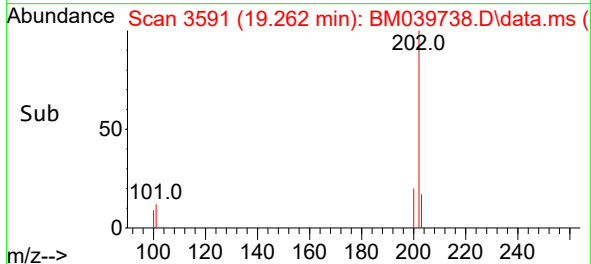
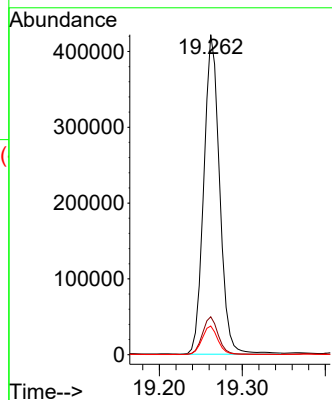
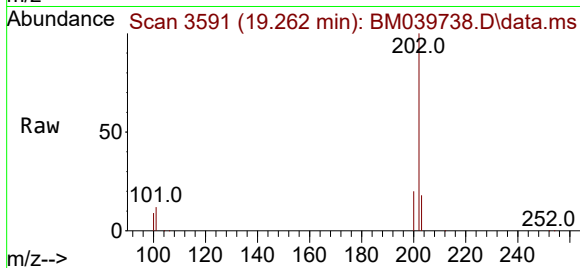
Tgt Ion:202 Resp: 559969

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

100 9.0 7.3 10.9



#20

Pyrene

Concen: 8.460 ng/ul

RT: 19.629 min Scan# 3670

Delta R.T. -0.014 min

Lab File: BM039738.D

Acq: 28 Apr 2023 16:19

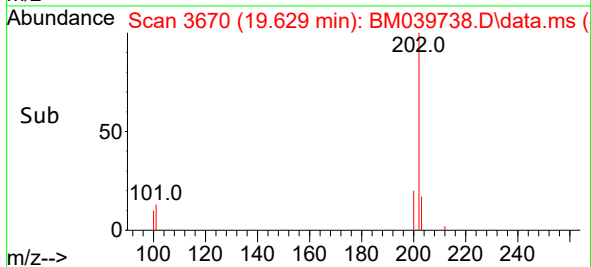
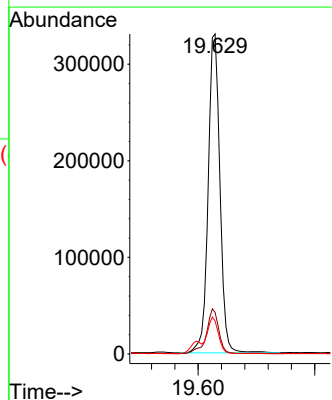
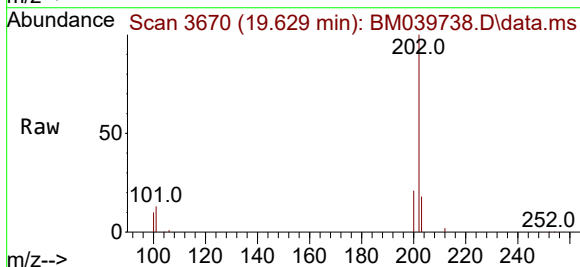
Tgt Ion:202 Resp: 466338

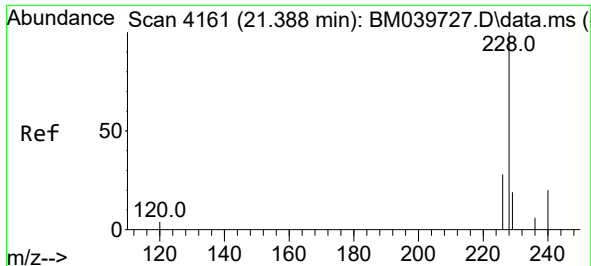
Ion Ratio Lower Upper

202 100

101 13.0 10.9 16.3

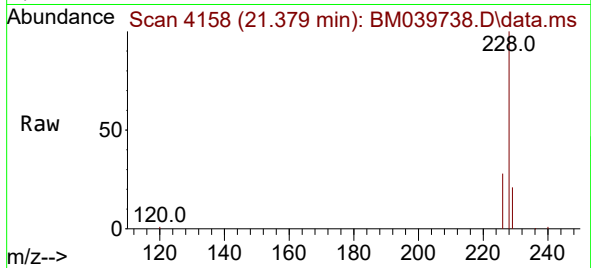
100 10.3 8.9 13.3



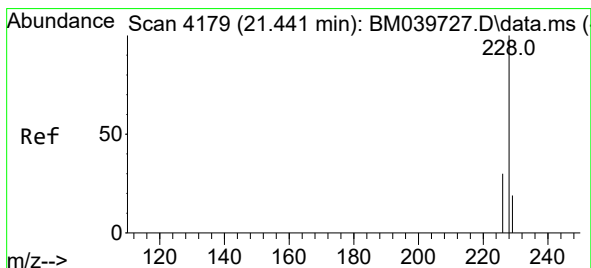
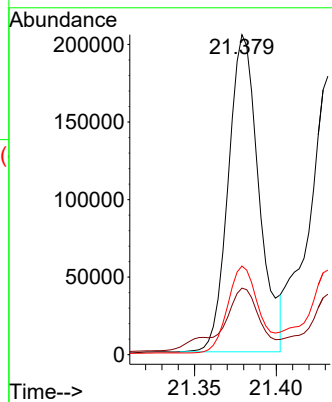
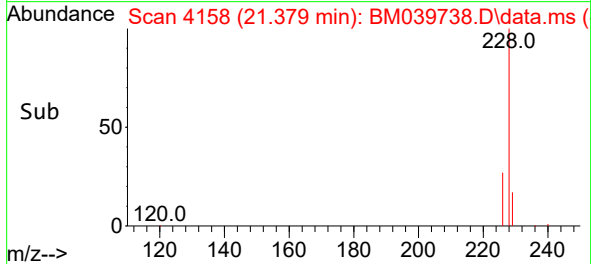


#21
Benzo(a)anthracene
Concen: 6.487 ng/ul
RT: 21.379 min Scan# 4161
Delta R.T. -0.017 min
Lab File: BM039738.D
Acq: 28 Apr 2023 16:19

Instrument :
BNA_M
ClientSampleId :
EW906

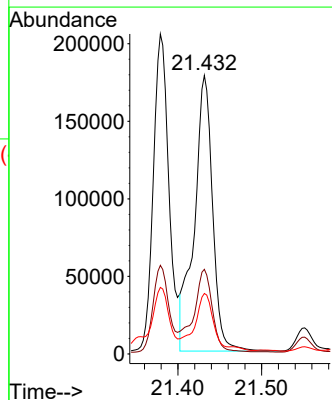
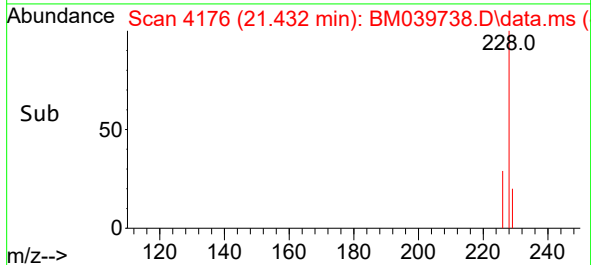
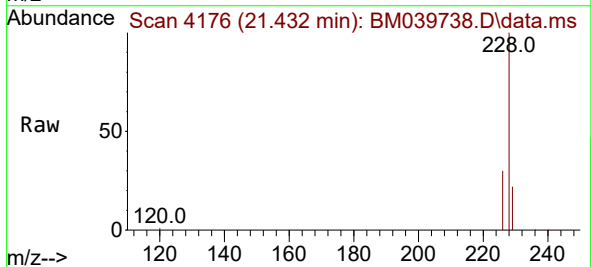


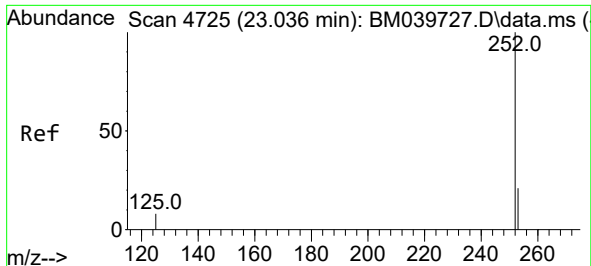
Tgt Ion:228 Resp: 266859
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 27.7 21.6 32.4



#22
Chrysene
Concen: 5.808 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.015 min
Lab File: BM039738.D
Acq: 28 Apr 2023 16:19

Tgt Ion:228 Resp: 270388
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.7 15.9 23.9

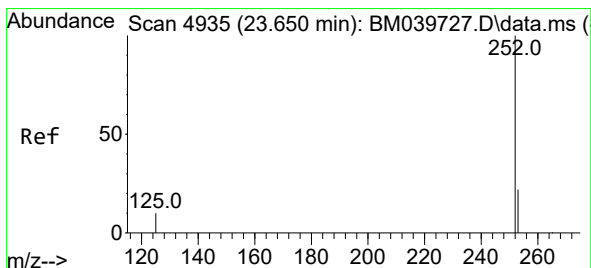
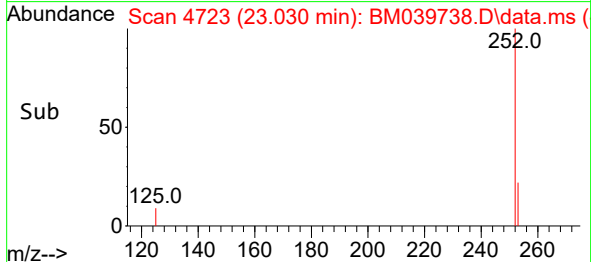
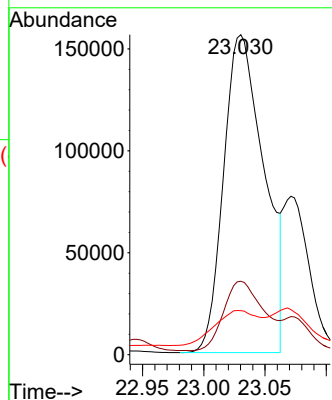
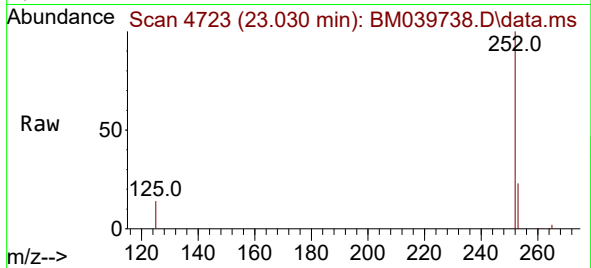




#24
Benzo(b)fluoranthene
Concen: 7.696 ng/ul
RT: 23.030 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM039738.D
Acq: 28 Apr 2023 16:19

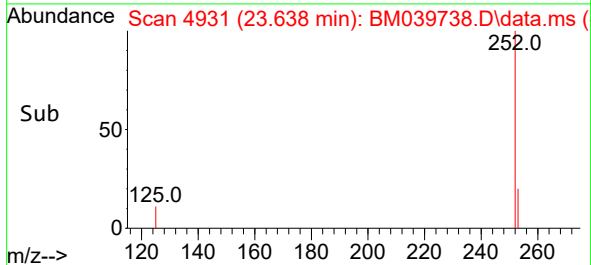
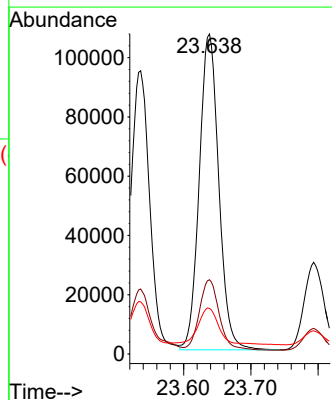
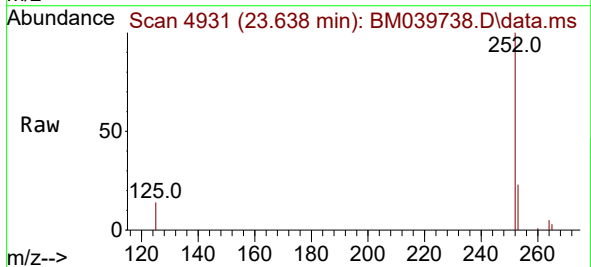
Instrument :
BNA_M
ClientSampleId :
EW906

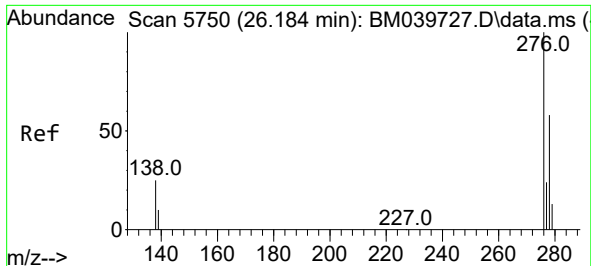
Tgt Ion:252 Resp: 359358
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 13.8 0.0 31.6



#26
Benzo(a)pyrene
Concen: 5.133 ng/ul
RT: 23.638 min Scan# 4931
Delta R.T. -0.026 min
Lab File: BM039738.D
Acq: 28 Apr 2023 16:19

Tgt Ion:252 Resp: 215178
Ion Ratio Lower Upper
252 100
253 23.2 24.7 37.1#
125 14.2 16.5 24.7#

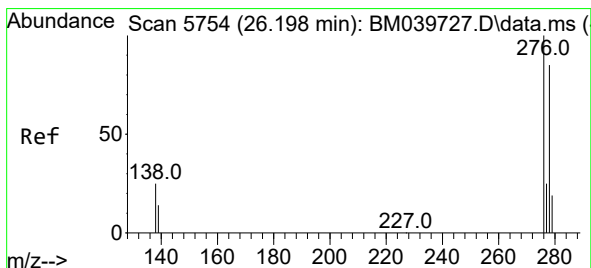
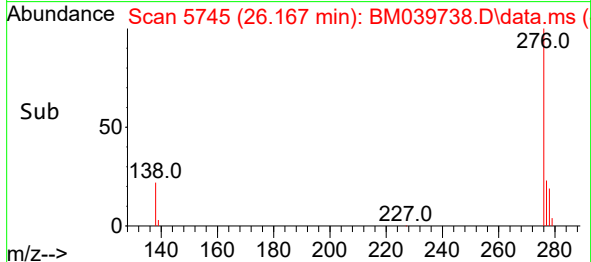
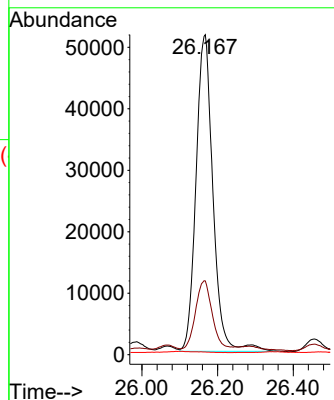
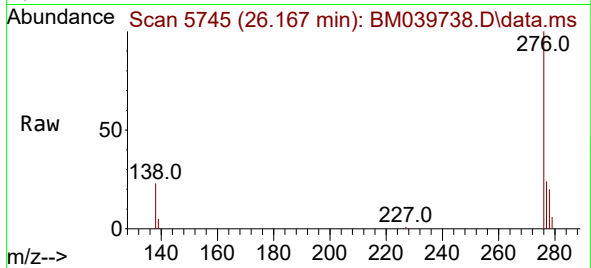




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.014 ng/ul
 RT: 26.167 min Scan# 5745
 Delta R.T. -0.033 min
 Lab File: BM039738.D
 Acq: 28 Apr 2023 16:19

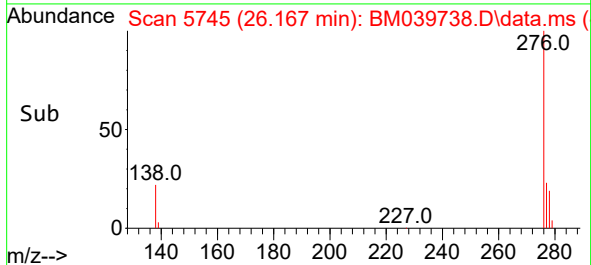
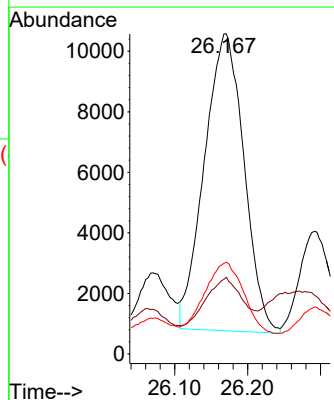
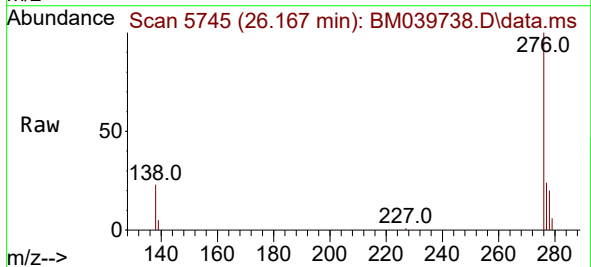
Instrument :
 BNA_M
 ClientSampleId :
 EW906

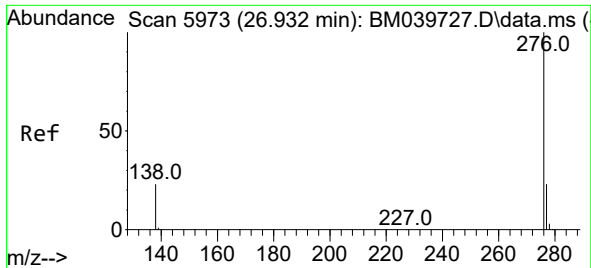
Tgt Ion:276 Resp: 159779
 Ion Ratio Lower Upper
 276 100
 138 23.3 21.1 31.7
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.898 ng/ul
 RT: 26.167 min Scan# 5745
 Delta R.T. -0.050 min
 Lab File: BM039738.D
 Acq: 28 Apr 2023 16:19

Tgt Ion:278 Resp: 36966
 Ion Ratio Lower Upper
 278 100
 139 23.3 17.0 25.6
 279 28.3 23.4 35.2





#29
 Benzo(g,h,i)perylene
 Concen: 2.887 ng/ul
 RT: 26.915 min Scan# 5968
 Delta R.T. -0.033 min
 Lab File: BM039738.D
 Acq: 28 Apr 2023 16:19

Instrument :
 BNA_M
 ClientSampleId :
 EW906

Tgt Ion:276 Resp: 133353
 Ion Ratio Lower Upper
 276 100
 138 23.7 20.1 30.1
 277 24.4 20.1 30.1

