

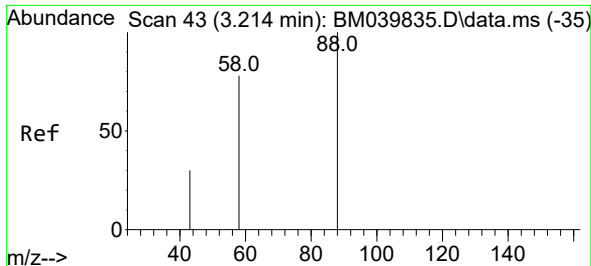
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039857.D
 Acq On : 05 May 2023 22:21
 Operator : CG/JU
 Sample : 02479-14DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW973DL

Quant Time: May 06 02:15:59 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 May 05 18:01:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	6	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.606	136	6	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.404	164	2	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	17.166	188	3	0.400	ng/ul	#-0.05
17) Chrysene-d12	21.348	240	7	0.400	ng/ul	#-0.06
23) Perylene-d12	23.687	264	8	0.400	ng/ul	#-0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	25	2.827	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	4	0.520	ng/ul	-0.02
18) Fluoranthene-d10	19.201	212	10	0.531	ng/ul	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.235	88	7	0.764	ng/ul#	73
5) Naphthalene	10.661	128	5	0.332	ng/ul#	1
7) 2-Methylnaphthalene	12.294	142	7	0.805	ng/ul#	34
8) 1-Methylnaphthalene	12.470	142	4	0.429	ng/ul#	4
10) Acenaphthylene	14.150	152	5	0.646	ng/ul#	1
11) Acenaphthene	14.460	153	2	0.329	ng/ul#	73
12) Fluorene	15.478	166	9	1.334	ng/ul#	47
14) Pentachlorophenol	16.883	266	1	1.529	ng/ul#	1
15) Phenanthrene	17.208	178	3	0.380	ng/ul#	1
16) Anthracene	17.318	178	21	3.094	ng/ul#	1
19) Fluoranthene	19.290	202	133	5.326	ng/ul#	1
20) Pyrene	19.647	202	236	8.751	ng/ul#	7
21) Benzo(a)anthracene	21.334	228	14	0.696	ng/ul#	1
22) Chrysene	21.413	228	154	6.761	ng/ul#	1
24) Benzo(b)fluoranthene	22.967	252	10	0.356	ng/ul#	1
25) Benzo(k)fluoranthene	23.000	252	35	1.223	ng/ul#	1
26) Benzo(a)pyrene	23.590	252	31	1.229	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.102	276	11	0.345	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.132	278	4	0.162	ng/ul#	1
29) Benzo(g,h,i)perylene	26.863	276	2	0.072	ng/ul#	1

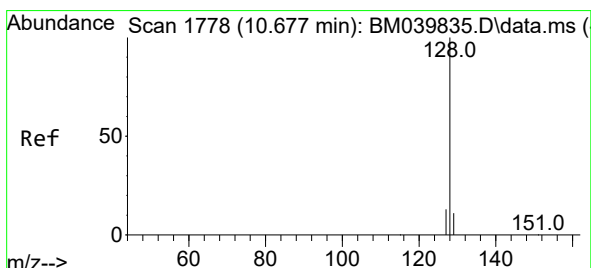
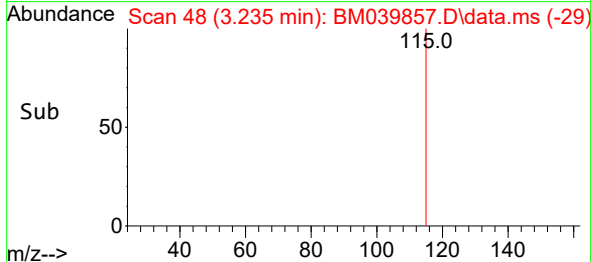
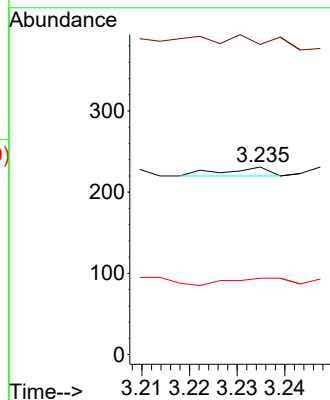
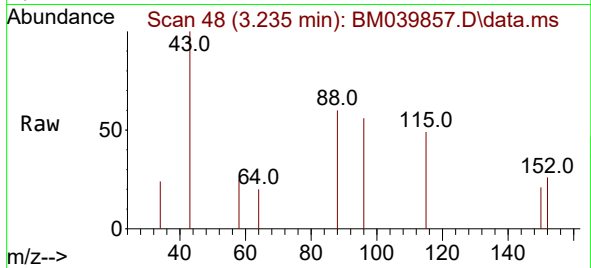
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.764 ng/ul
RT: 3.235 min Scan# 41
Delta R.T. 0.021 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

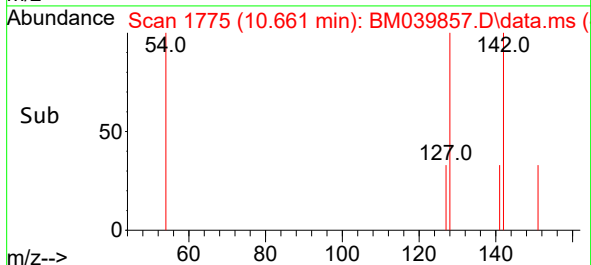
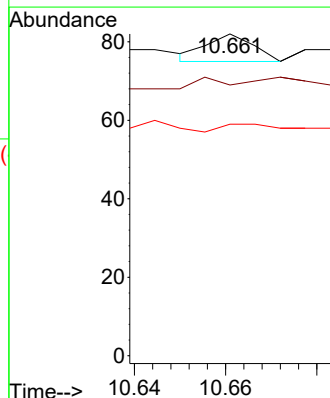
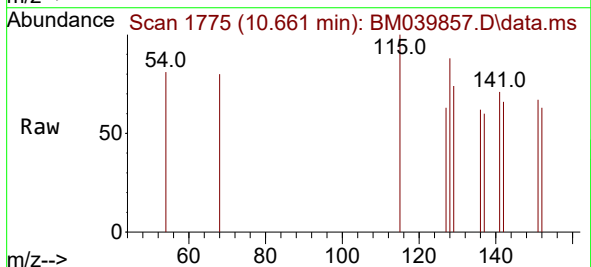
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BNA_M
ClientSampleId :
EW973DL

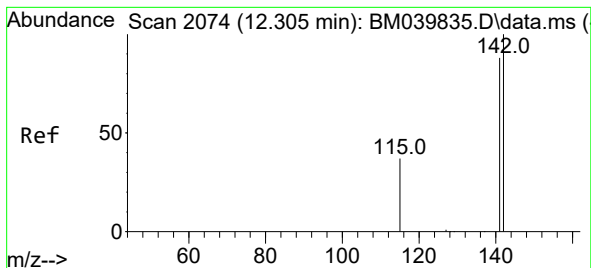
Tgt Ion: 88 Resp: 7
Ion Ratio Lower Upper
88 100
43 165.4 102.6 153.8#
58 40.7 40.6 61.0



#5
Naphthalene
Concen: 0.332 ng/ul
RT: 10.661 min Scan# 1775
Delta R.T. -0.016 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

Tgt Ion: 128 Resp: 5
Ion Ratio Lower Upper
128 100
129 84.1 9.8 14.6#
127 72.0 11.1 16.7#

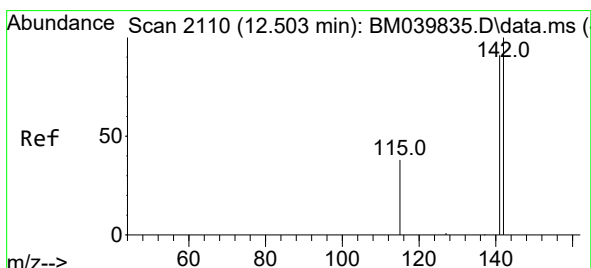
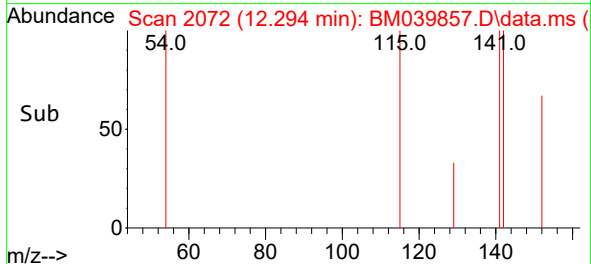
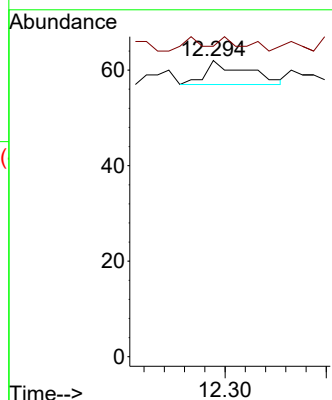
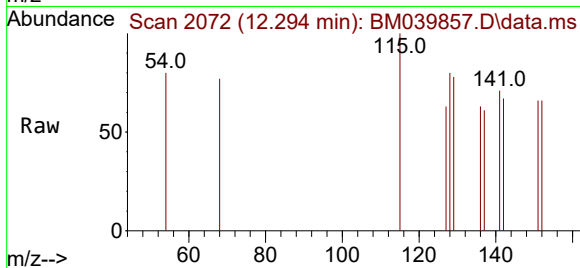




#7
2-Methylnaphthalene
Concen: 0.805 ng/ul
RT: 12.294 min Scan# 2072
Delta R.T. -0.011 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

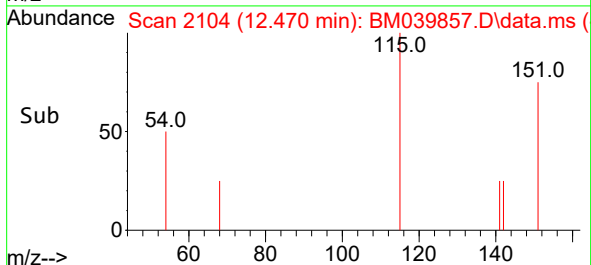
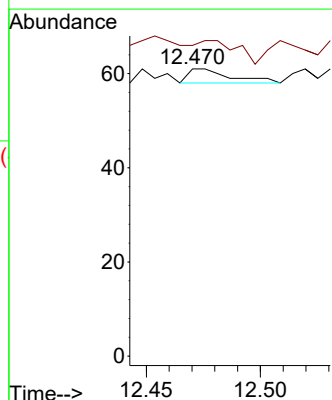
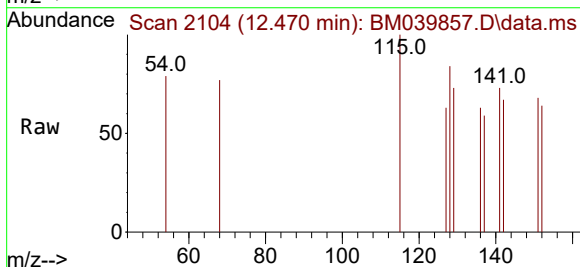
Instrument :
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ClientSampleId :
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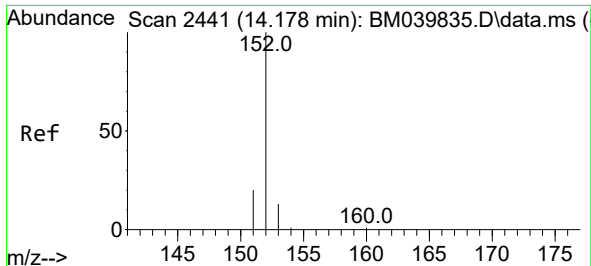
Tgt Ion:142 Resp: 7
Ion Ratio Lower Upper
142 100
141 28.6 73.2 109.8#



#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.470 min Scan# 2104
Delta R.T. -0.033 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

Tgt Ion:142 Resp: 4
Ion Ratio Lower Upper
142 100
141 0.0 73.4 110.2#

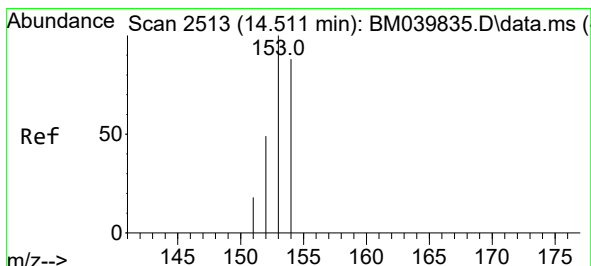
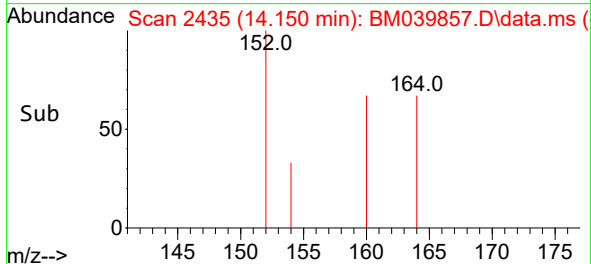
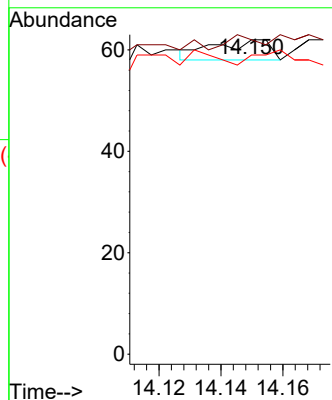
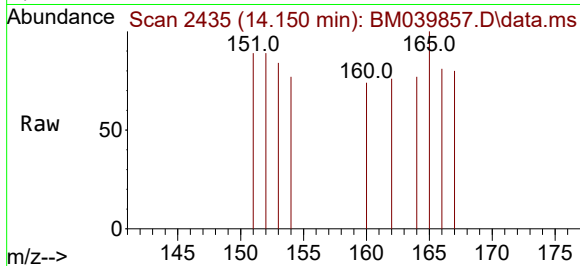




#10
Acenaphthylene
Concen: 0.646 ng/ul
RT: 14.150 min Scan# 24
Delta R.T. -0.028 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

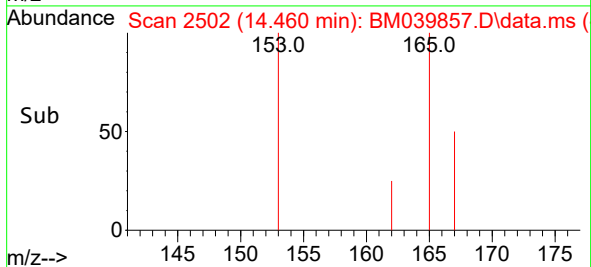
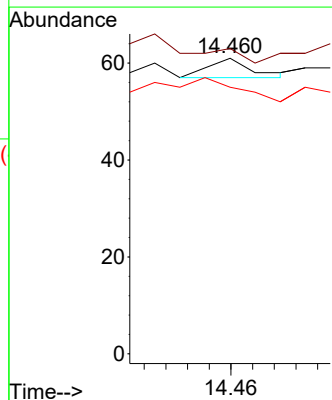
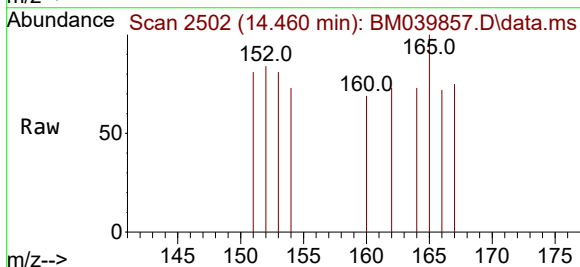
Instrument :
BNA_M
ClientSampleId :
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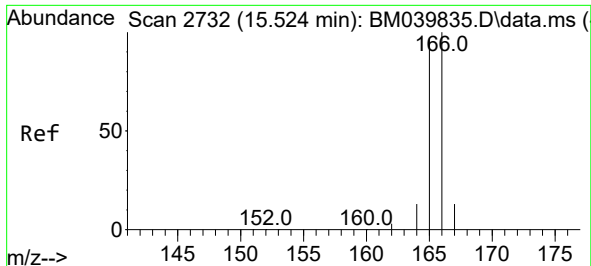
Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 100.0 16.0 24.0#
153 95.2 11.2 16.8#



#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.460 min Scan# 2502
Delta R.T. -0.051 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

Tgt Ion:153 Resp: 2
Ion Ratio Lower Upper
153 100
152 103.3 40.6 61.0#
154 90.2 71.9 107.9

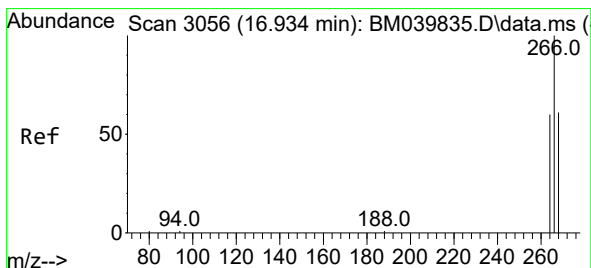
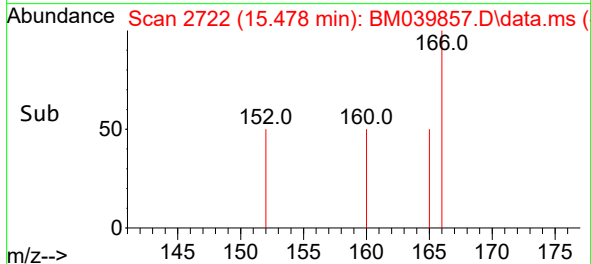
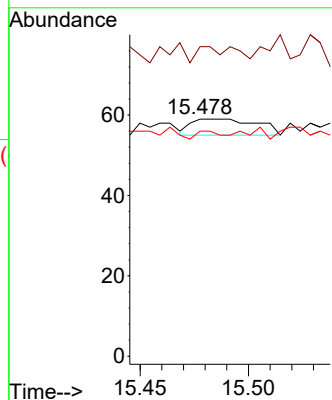
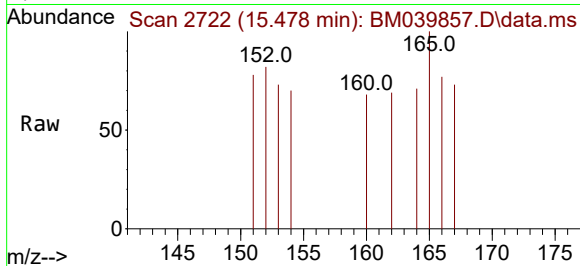




#12
Fluorene
Concen: 1.334 ng/ul
RT: 15.478 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

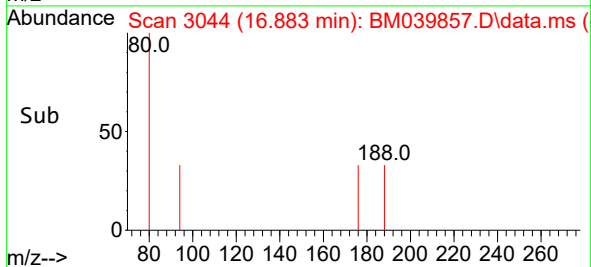
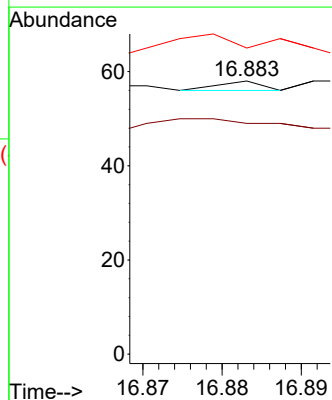
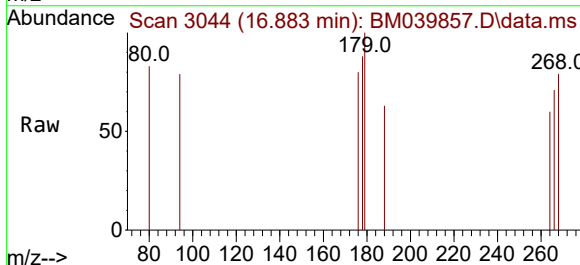
Instrument :
BNA_M
ClientSampleId :
EW973DL

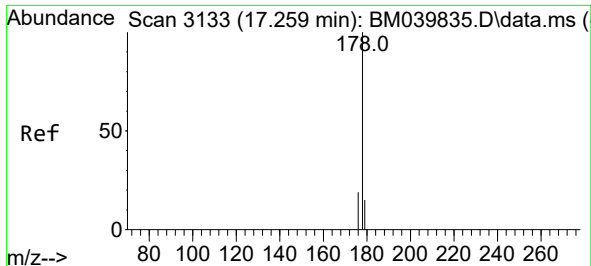
Tgt Ion:166 Resp: 9
Ion Ratio Lower Upper
166 100
165 130.5 79.0 118.6#
167 94.9 11.8 17.6#



#14
Pentachlorophenol
Concen: 1.529 ng/ul
RT: 16.883 min Scan# 3044
Delta R.T. -0.051 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
264 200.0 48.8 73.2#
268 200.0 50.4 75.6#

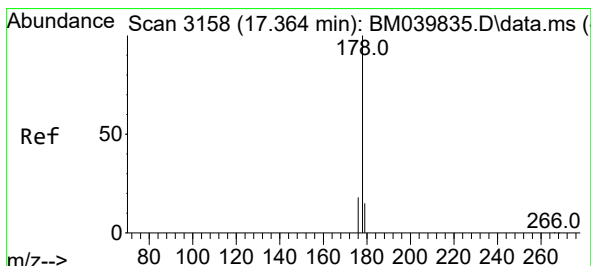
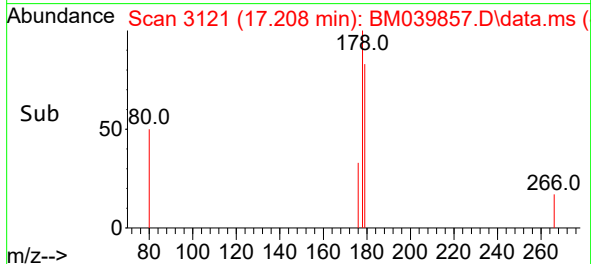
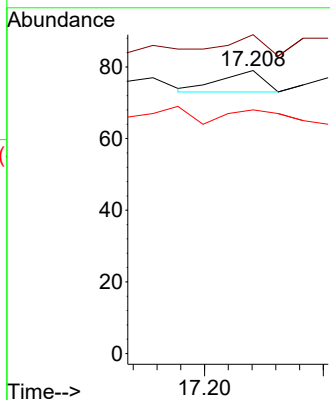
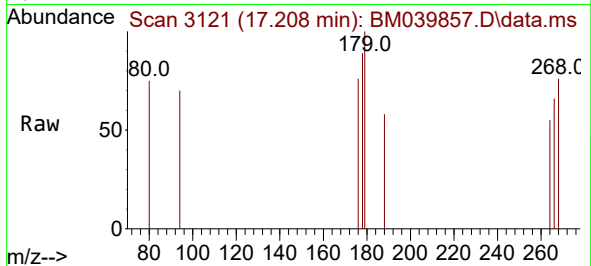




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.208 min Scan# 3133
Delta R.T. -0.051 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

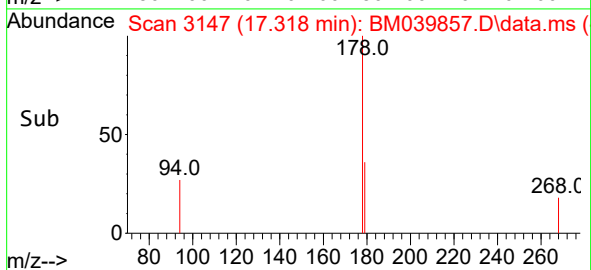
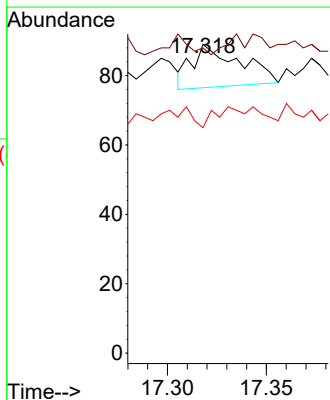
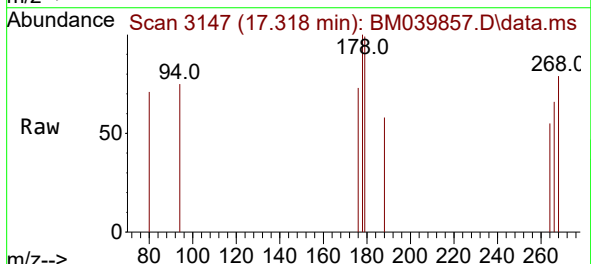
Instrument :
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ClientSampleId :
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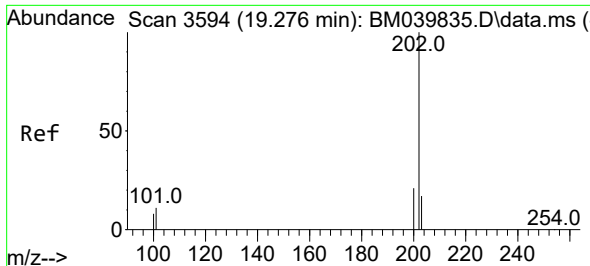
Tgt Ion:178 Resp: 3
Ion Ratio Lower Upper
178 100
179 112.7 13.0 19.6#
176 86.1 15.8 23.8#



#16
Anthracene
Concen: 3.094 ng/ul
RT: 17.318 min Scan# 3147
Delta R.T. -0.046 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

Tgt Ion:178 Resp: 21
Ion Ratio Lower Upper
178 100
179 98.9 13.8 20.6#
176 73.0 15.8 23.8#

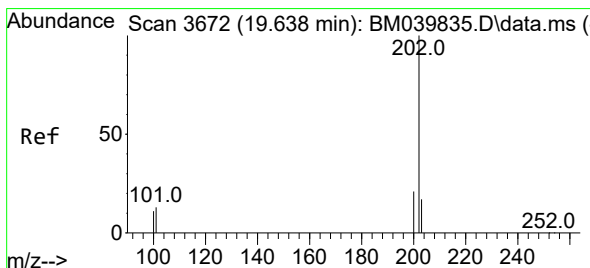
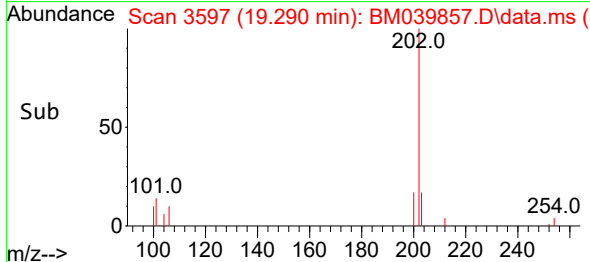
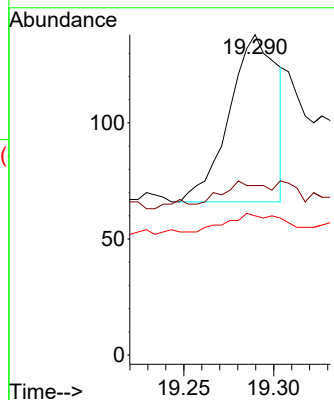
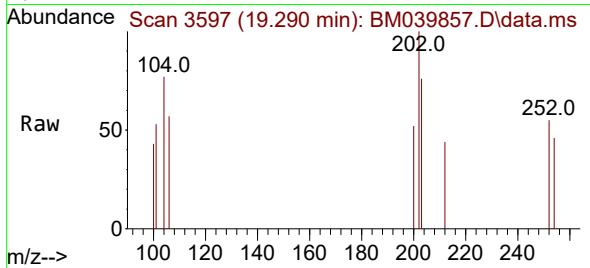




#19
Fluoranthene
Concen: 5.326 ng/ul
RT: 19.290 min Scan# 3597
Delta R.T. 0.014 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

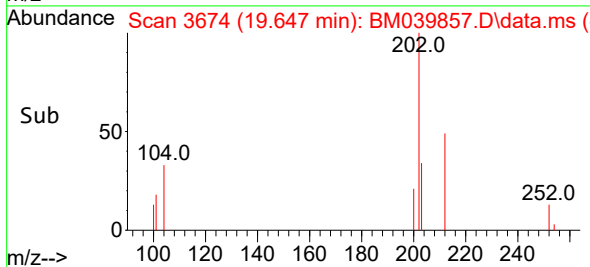
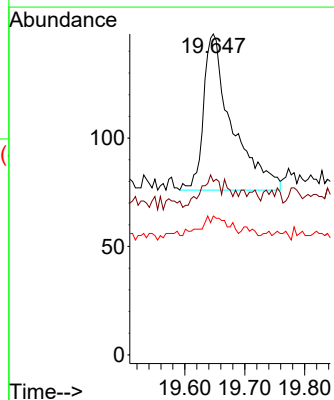
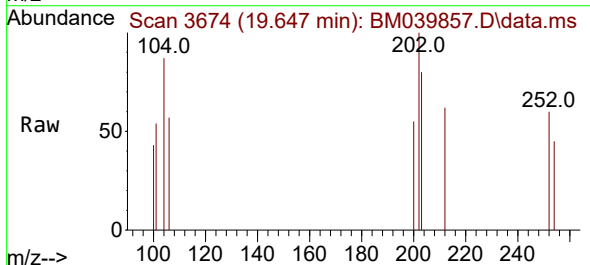
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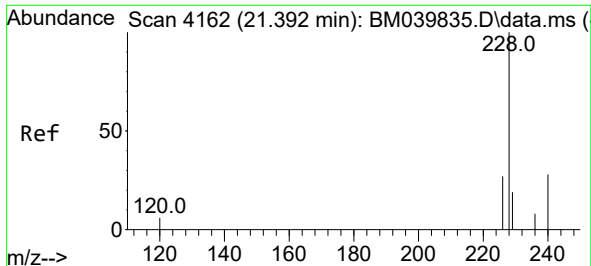
Tgt Ion:202 Resp: 133
Ion Ratio Lower Upper
202 100
101 52.9 9.8 14.8#
100 43.5 7.3 10.9#



#20
Pyrene
Concen: 8.751 ng/ul
RT: 19.647 min Scan# 3674
Delta R.T. 0.009 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

Tgt Ion:202 Resp: 236
Ion Ratio Lower Upper
202 100
101 54.1 10.9 16.3#
100 43.2 8.9 13.3#

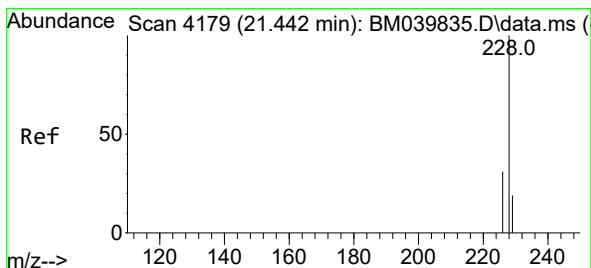
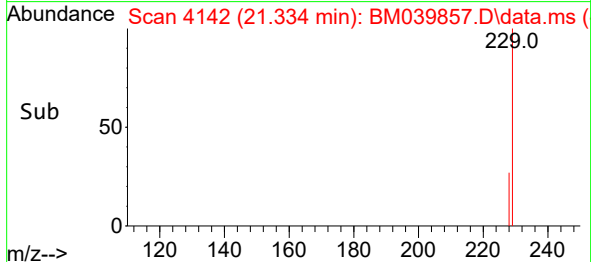
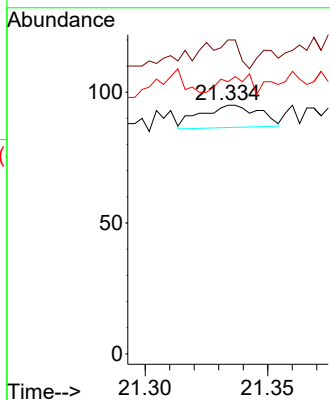
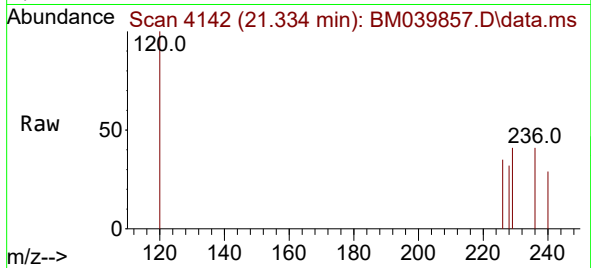




#21
Benzo(a)anthracene
Concen: 0.696 ng/ul
RT: 21.334 min Scan# 4162
Delta R.T. -0.058 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

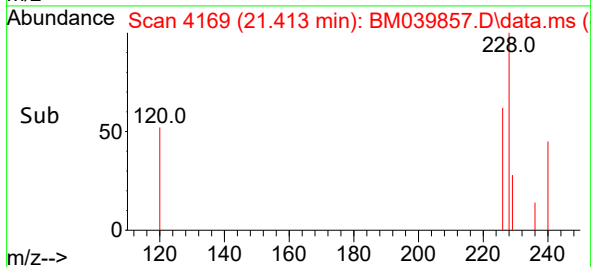
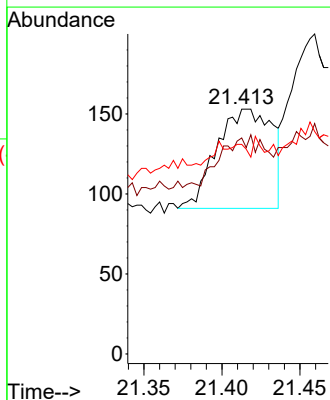
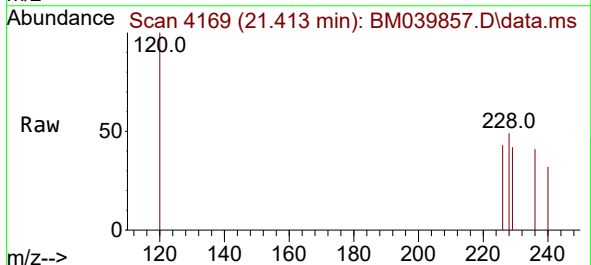
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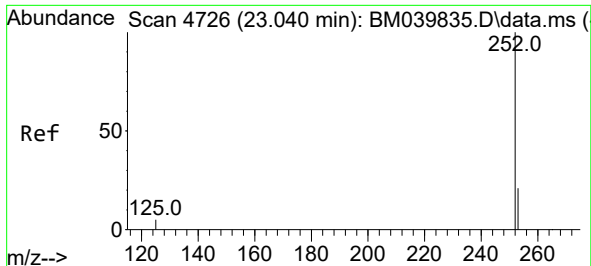
Tgt Ion:228 Resp: 14
Ion Ratio Lower Upper
228 100
229 126.3 16.2 24.2#
226 109.5 21.6 32.4#



#22
Chrysene
Concen: 6.761 ng/ul
RT: 21.413 min Scan# 4169
Delta R.T. -0.029 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

Tgt Ion:228 Resp: 154
Ion Ratio Lower Upper
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226 88.2 24.3 36.5#
229 85.6 15.9 23.9#

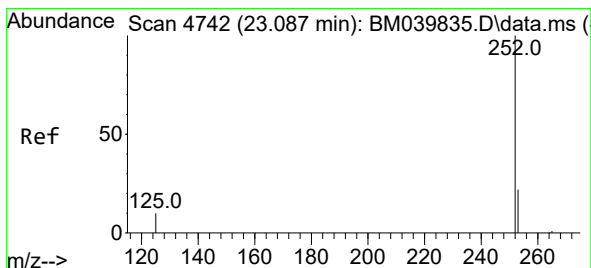
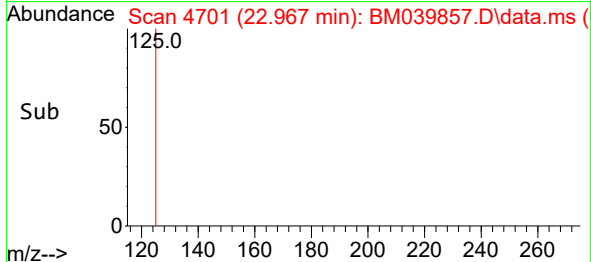
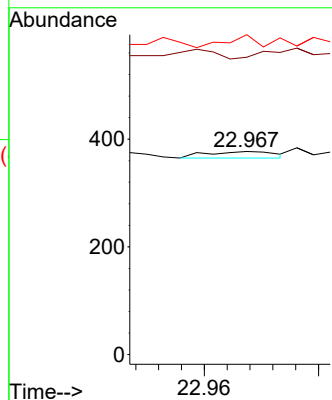
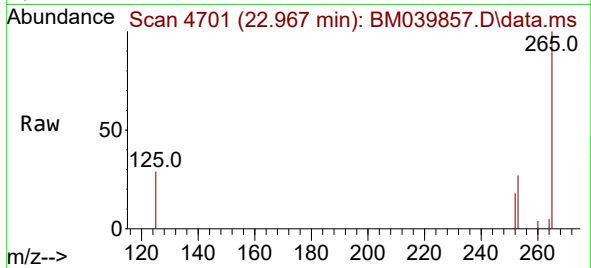




#24
Benzo(b)fluoranthene
Concen: 0.356 ng/ul
RT: 22.967 min Scan# 4710
Delta R.T. -0.073 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

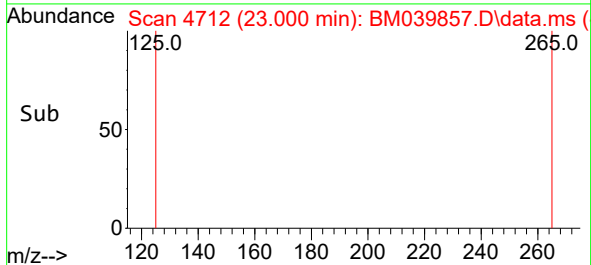
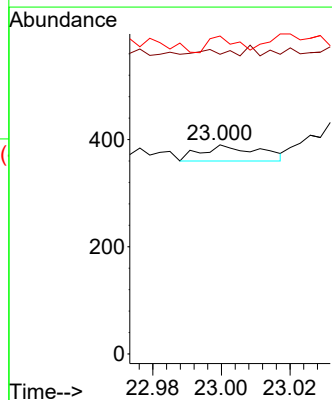
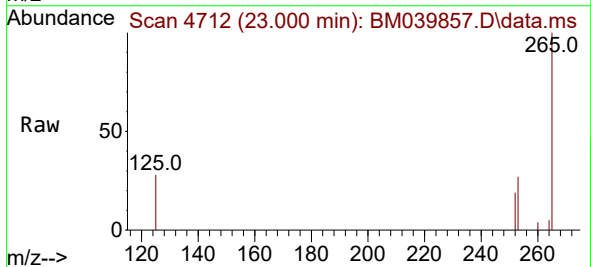
Instrument :
BNA_M
ClientSampleId :
EW973DL

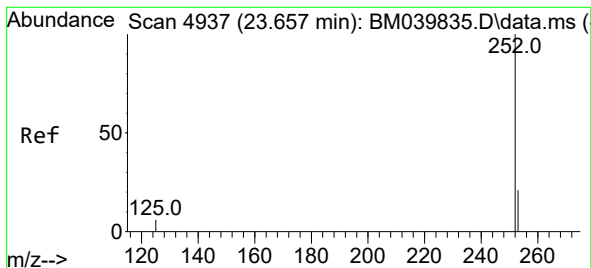
Tgt Ion:252 Resp: 10
Ion Ratio Lower Upper
252 100
253 146.4 0.0 52.8#
125 157.6 0.0 31.6#



#25
Benzo(k)fluoranthene
Concen: 1.223 ng/ul
RT: 23.000 min Scan# 4712
Delta R.T. -0.088 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

Tgt Ion:252 Resp: 35
Ion Ratio Lower Upper
252 100
253 143.3 21.3 31.9#
125 152.1 13.0 19.6#





#26

Benzo(a)pyrene

Concen: 1.229 ng/ul

RT: 23.590 min Scan# 4914

Delta R.T. -0.067 min

Lab File: BM039857.D

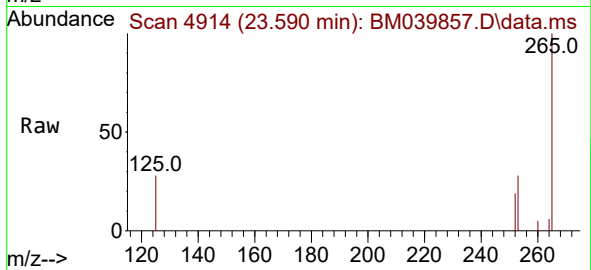
Acq: 05 May 2023 22:21

Instrument :

BNA_M

ClientSampleId :

EW973DL



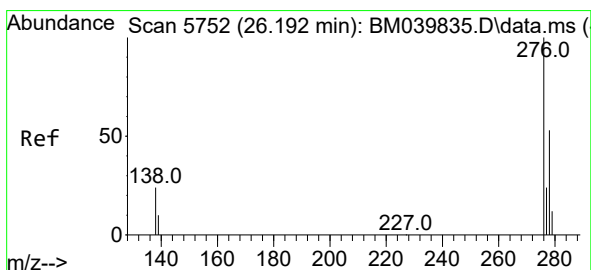
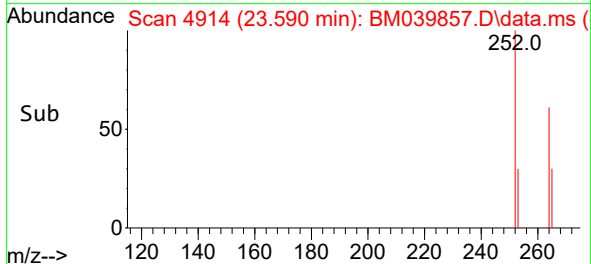
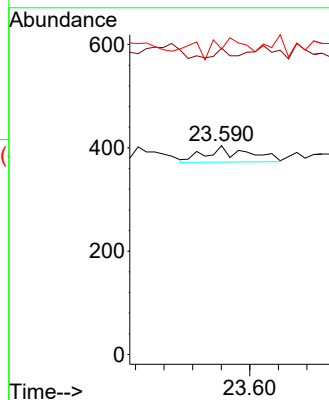
Tgt Ion:252 Resp: 31

Ion Ratio Lower Upper

252 100

253 146.8 24.7 37.1#

125 146.3 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.345 ng/ul

RT: 26.102 min Scan# 5725

Delta R.T. -0.091 min

Lab File: BM039857.D

Acq: 05 May 2023 22:21

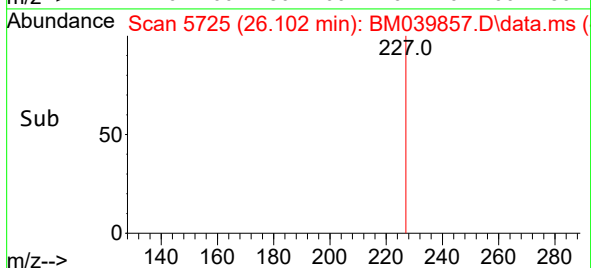
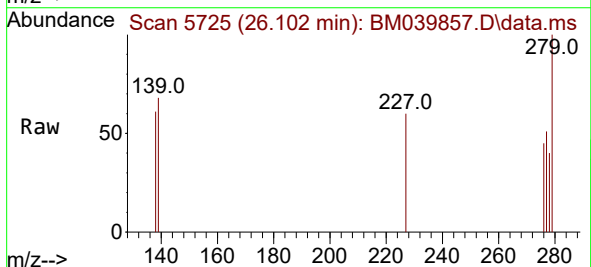
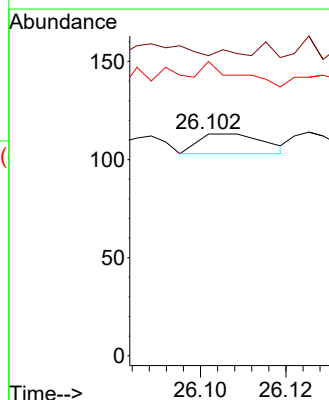
Tgt Ion:276 Resp: 11

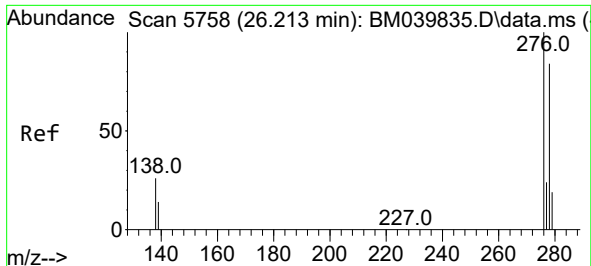
Ion Ratio Lower Upper

276 100

138 18.2 21.1 31.7#

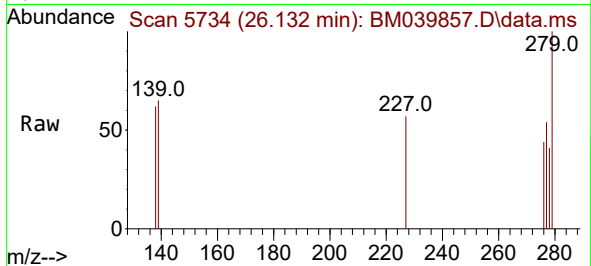
227 63.6 0.1 0.1#



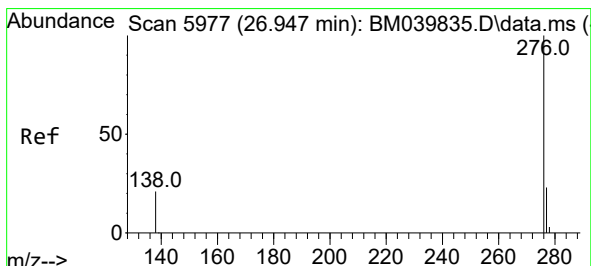
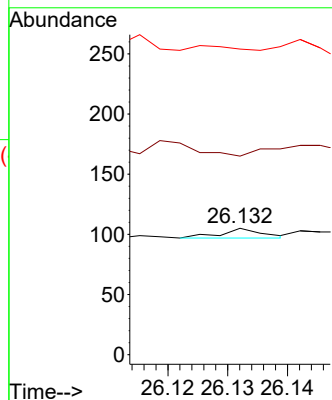
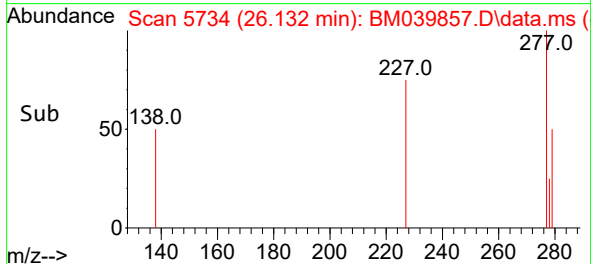


#28
Dibenzo(a,h)anthracene
Concen: 0.162 ng/ul
RT: 26.132 min Scan# 51
Delta R.T. -0.080 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21

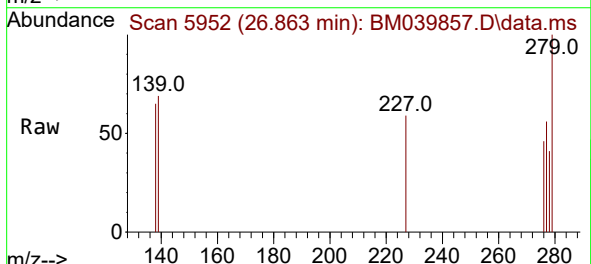
Instrument :
BNA_M
ClientSampleId :
EW973DL



Tgt Ion:278 Resp: 4
Ion Ratio Lower Upper
278 100
139 157.1 17.0 25.6#
279 241.9 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.072 ng/ul
RT: 26.863 min Scan# 5952
Delta R.T. -0.084 min
Lab File: BM039857.D
Acq: 05 May 2023 22:21



Tgt Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 139.7 20.1 30.1#
277 120.7 20.1 30.1#

