

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039853.D
 Acq On : 05 May 2023 19:57
 Operator : CG/JU
 Sample : 02749-09DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW950DL

Quant Time: May 06 02:15:14 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

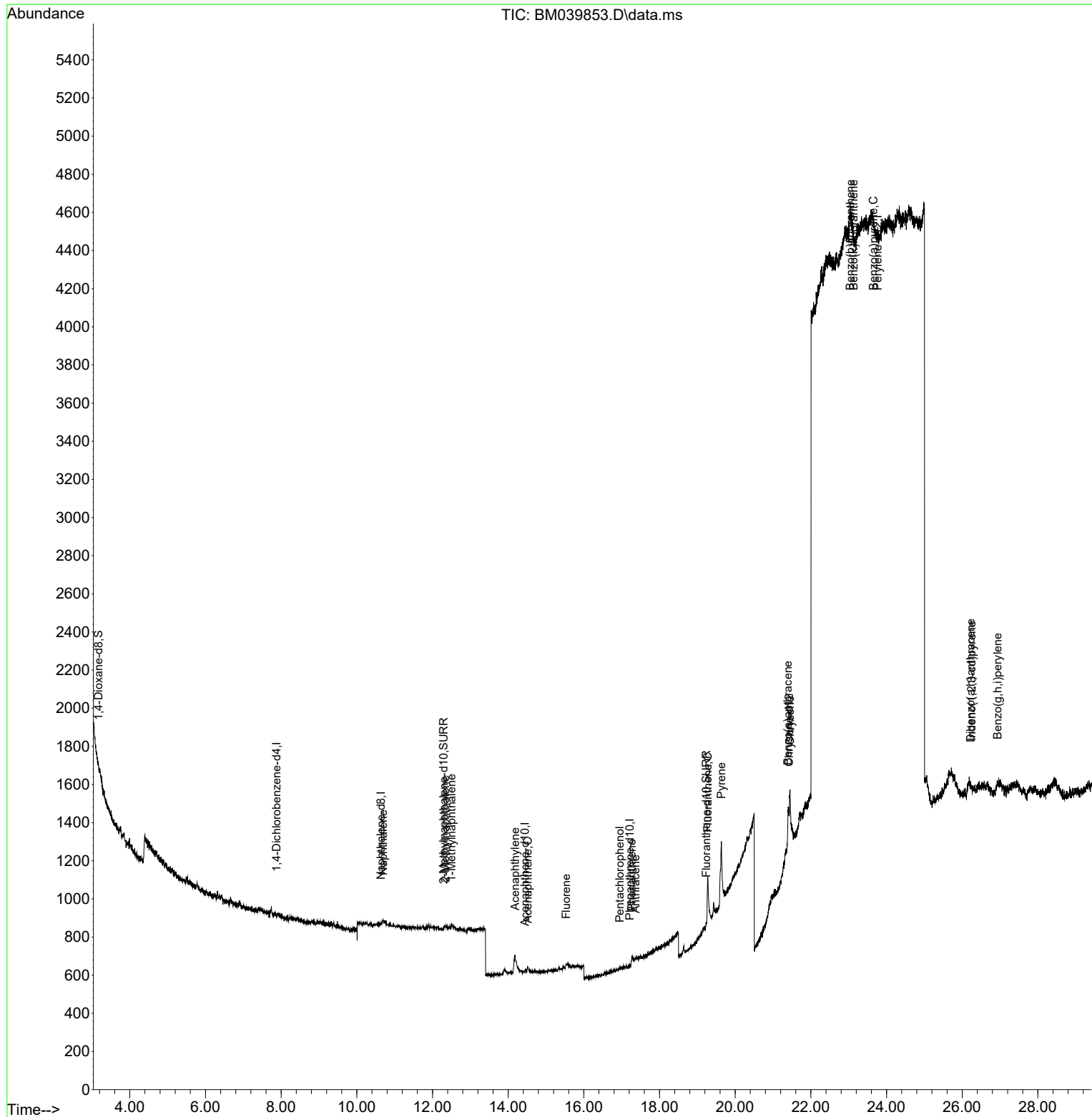
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	9	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.638	136	16	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.445	164	8	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.211	188	3	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.420	240	93	0.400	ng/ul	# 0.01
23) Perylene-d12	23.767	264	7	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	25	1.885	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.293	152	10	0.487	ng/ul	0.06
18) Fluoranthene-d10	19.237	212	15	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.693	128	61	1.518	ng/ul#	1
7) 2-Methylnaphthalene	12.337	142	38	1.639	ng/ul	81
8) 1-Methylnaphthalene	12.502	142	30	1.206	ng/ul	98
10) Acenaphthylene	14.181	152	245	7.912	ng/ul#	1
11) Acenaphthene	14.519	153	19	0.781	ng/ul#	74
12) Fluorene	15.532	166	17	0.630	ng/ul#	49
14) Pentachlorophenol	16.945	266	3	4.588	ng/ul	94
15) Phenanthrene	17.266	178	173	21.889	ng/ul#	1
16) Anthracene	17.367	178	10	1.474	ng/ul#	1
19) Fluoranthene	19.275	202	464	1.398	ng/ul#	45
20) Pyrene	19.637	202	490	1.368	ng/ul#	49
21) Benzo(a)anthracene	21.394	228	238	0.890	ng/ul#	1
22) Chrysene	21.449	228	289	0.955	ng/ul#	1
24) Benzo(b)fluoranthene	23.039	252	249	10.129	ng/ul#	1
25) Benzo(k)fluoranthene	23.127	252	11	0.439	ng/ul#	1
26) Benzo(a)pyrene	23.650	252	28	1.269	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.245	276	20	0.717	ng/ul#	15
28) Dibenzo(a,h)anthracene	26.221	278	15	0.692	ng/ul#	1
29) Benzo(g,h,i)perylene	26.932	276	144	5.921	ng/ul#	1

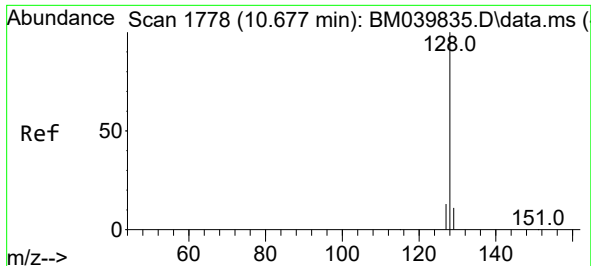
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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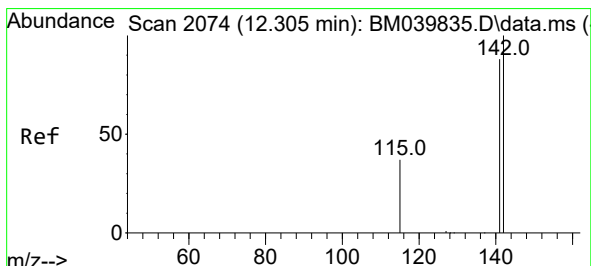
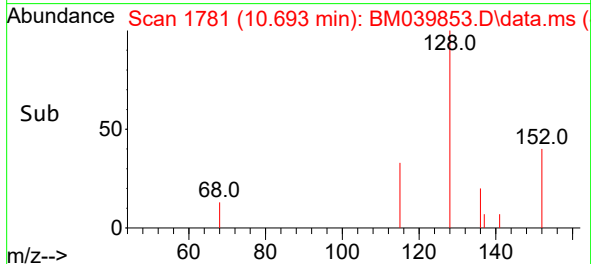
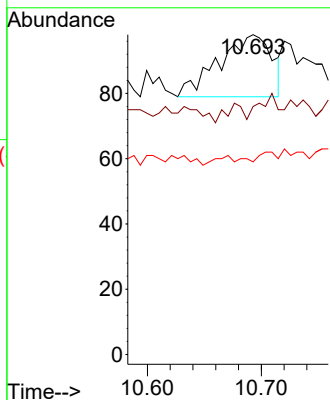
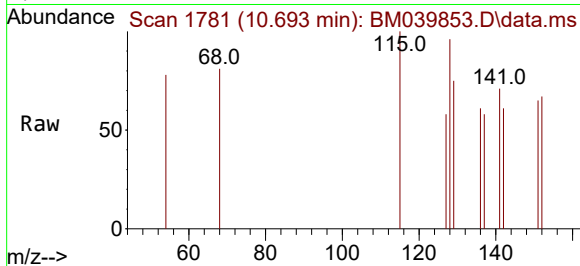




#5
Naphthalene
Concen: 1.518 ng/ul
RT: 10.693 min Scan# 11
Delta R.T. 0.015 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

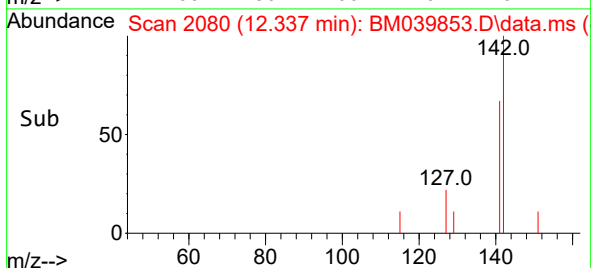
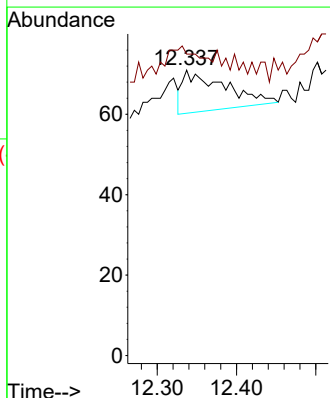
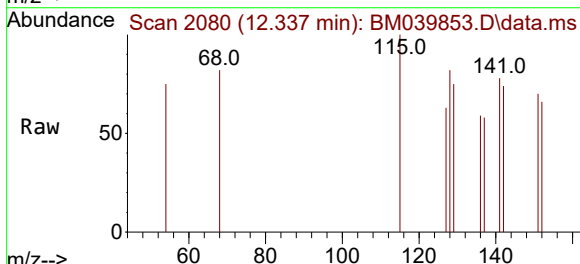
Instrument :
BNA_M
ClientSampleId :
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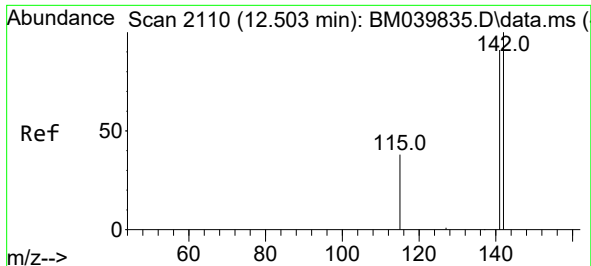
Tgt Ion:128 Resp: 61
Ion Ratio Lower Upper
128 100
129 77.6 9.8 14.6#
127 60.2 11.1 16.7#



#7
2-Methylnaphthalene
Concen: 1.639 ng/ul
RT: 12.337 min Scan# 2080
Delta R.T. 0.032 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

Tgt Ion:142 Resp: 38
Ion Ratio Lower Upper
142 100
141 73.7 73.2 109.8

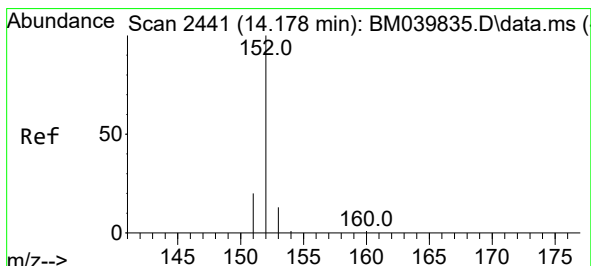
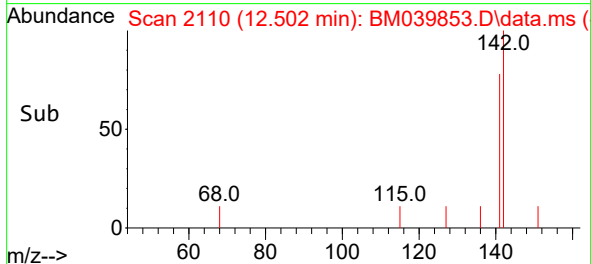
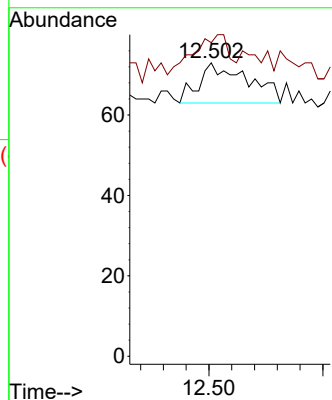
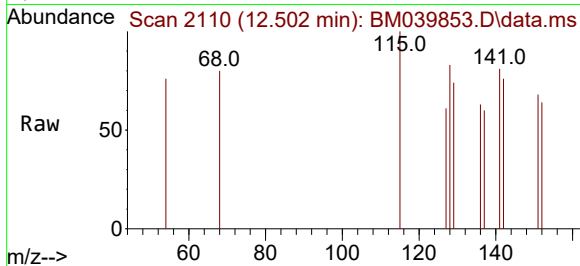




#8
1-Methylnaphthalene
Concen: 1.206 ng/ul
RT: 12.502 min Scan# 2110
Delta R.T. -0.001 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

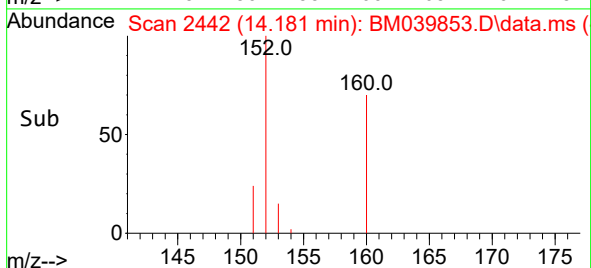
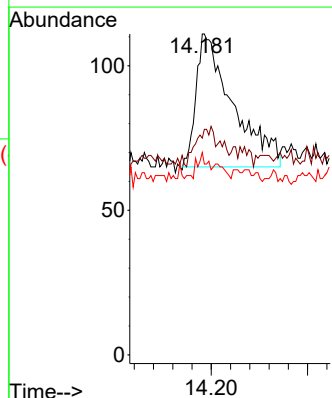
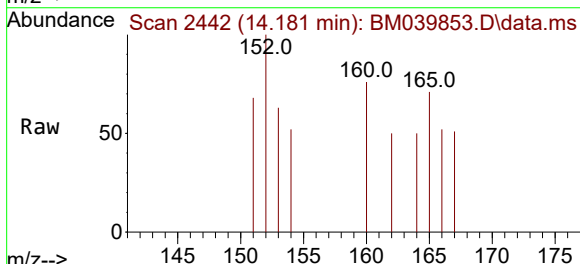
Instrument :
BNA_M
ClientSampleId :
EW950DL

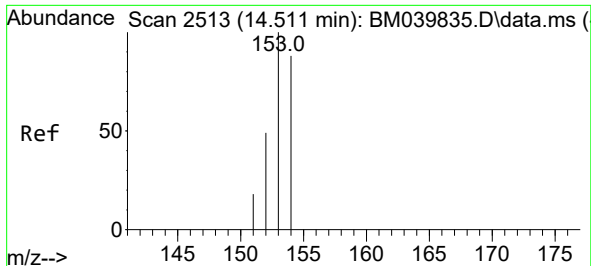
Tgt Ion:142 Resp: 30
Ion Ratio Lower Upper
142 100
141 90.0 73.4 110.2



#10
Acenaphthylene
Concen: 7.912 ng/ul
RT: 14.181 min Scan# 2442
Delta R.T. 0.004 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

Tgt Ion:152 Resp: 245
Ion Ratio Lower Upper
152 100
151 67.6 16.0 24.0#
153 63.1 11.2 16.8#

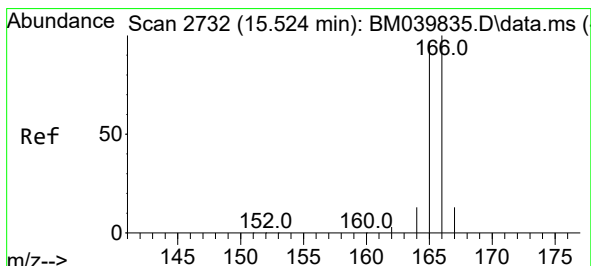
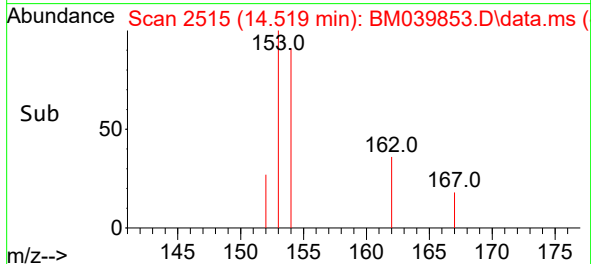
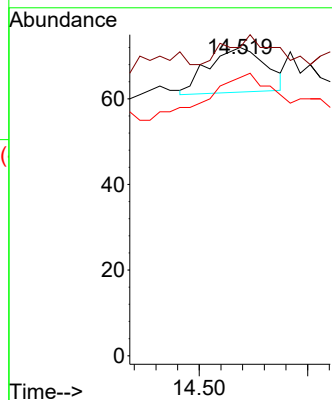
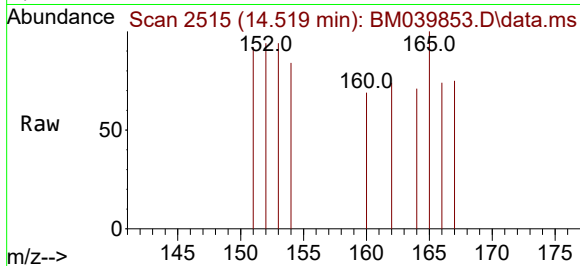




#11
Acenaphthene
Concen: 0.781 ng/ul
RT: 14.519 min Scan# 21
Delta R.T. 0.008 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

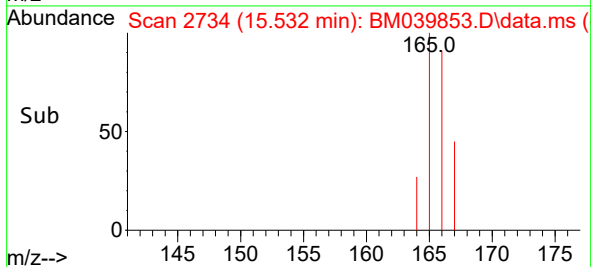
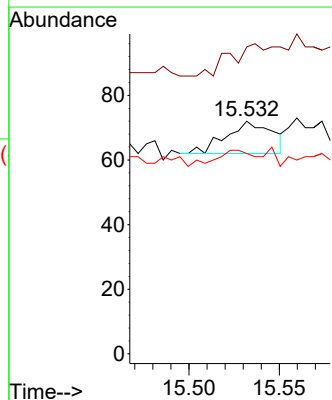
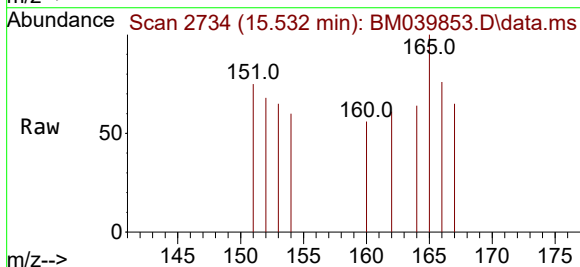
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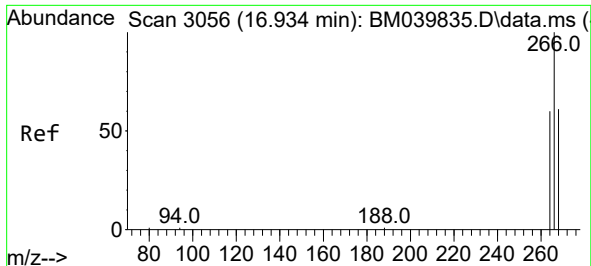
Tgt Ion:153 Resp: 19
Ion Ratio Lower Upper
153 100
152 100.0 40.6 61.0#
154 90.3 71.9 107.9



#12
Fluorene
Concen: 0.630 ng/ul
RT: 15.532 min Scan# 2734
Delta R.T. 0.008 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

Tgt Ion:166 Resp: 17
Ion Ratio Lower Upper
166 100
165 131.9 79.0 118.6#
167 86.1 11.8 17.6#

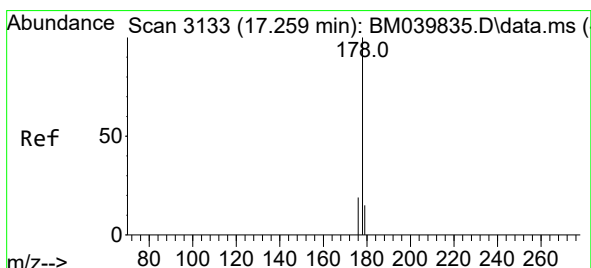
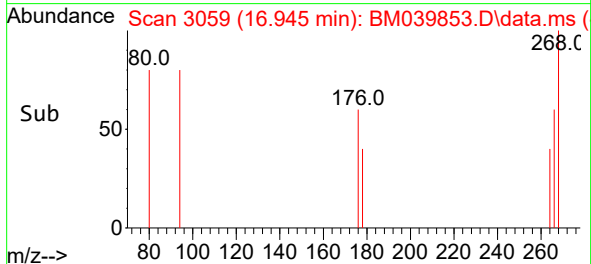
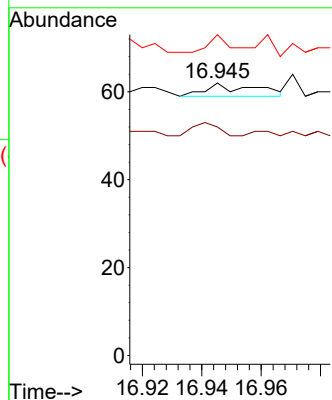
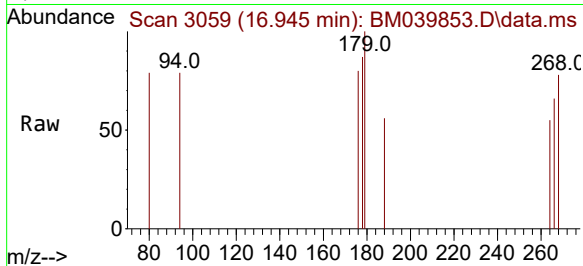




#14
Pentachlorophenol
Concen: 4.588 ng/ul
RT: 16.945 min Scan# 3056
Delta R.T. 0.012 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

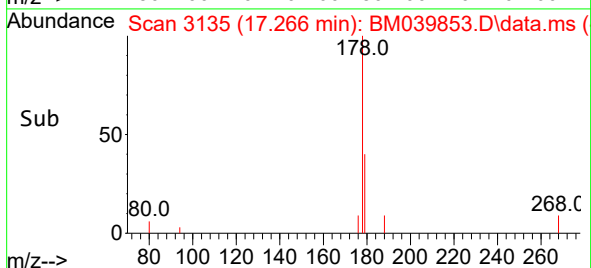
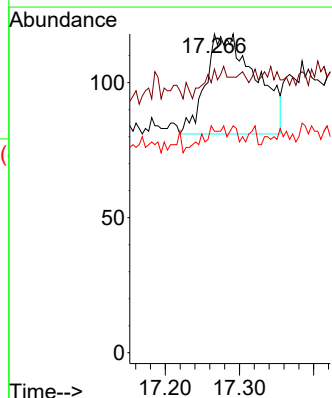
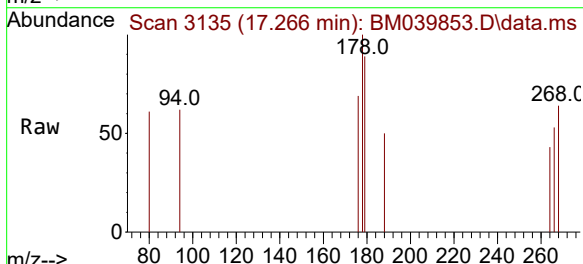
Instrument :
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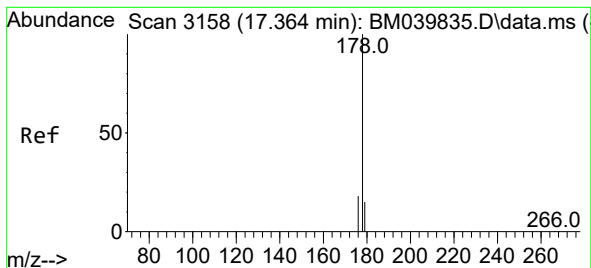
Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 66.7 48.8 73.2
268 66.7 50.4 75.6



#15
Phenanthrene
Concen: 21.889 ng/ul
RT: 17.266 min Scan# 3135
Delta R.T. 0.007 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

Tgt Ion:178 Resp: 173
Ion Ratio Lower Upper
178 100
179 89.0 13.0 19.6#
176 69.5 15.8 23.8#





#16

Anthracene

Concen: 1.474 ng/ul

RT: 17.367 min Scan# 3158

Delta R.T. 0.003 min

Lab File: BM039853.D

Acq: 05 May 2023 19:57

Instrument :

BNA_M

ClientSampleId :

EW950DL

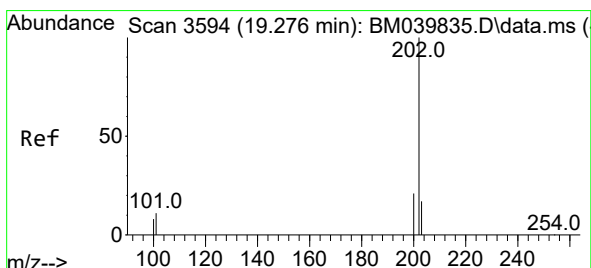
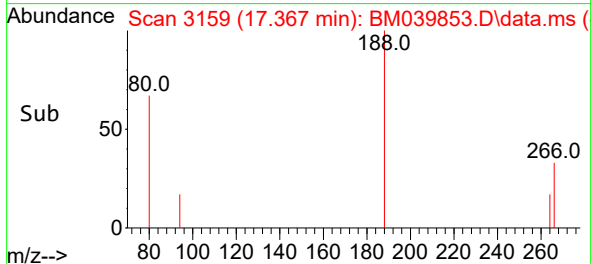
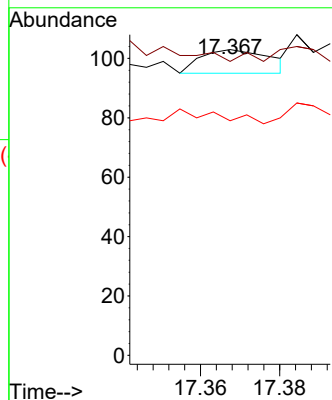
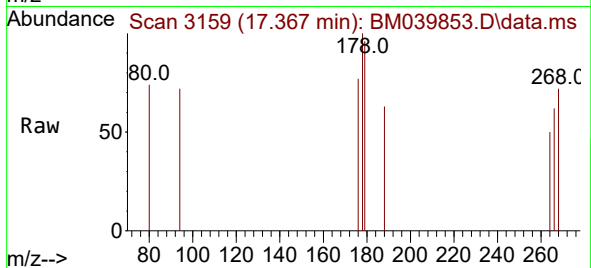
Tgt Ion:178 Resp: 10

Ion Ratio Lower Upper

178 100

179 96.1 13.8 20.6#

176 76.7 15.8 23.8#



#19

Fluoranthene

Concen: 1.398 ng/ul

RT: 19.275 min Scan# 3594

Delta R.T. -0.001 min

Lab File: BM039853.D

Acq: 05 May 2023 19:57

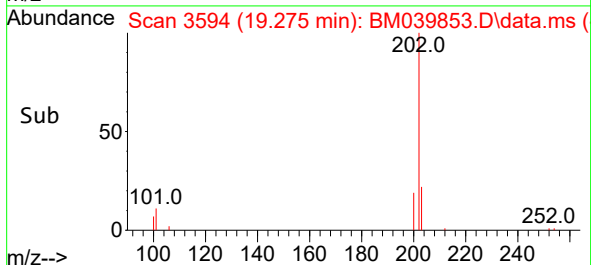
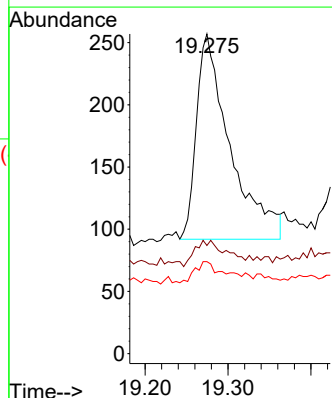
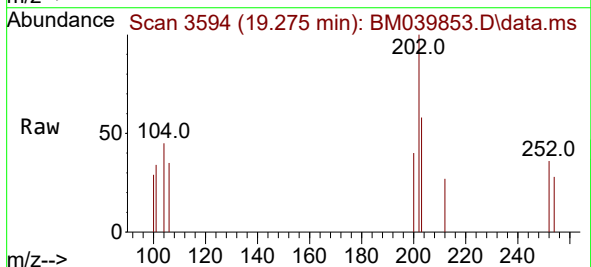
Tgt Ion:202 Resp: 464

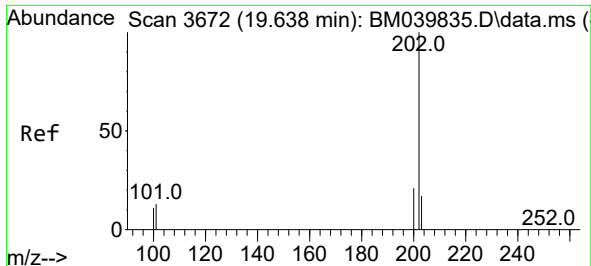
Ion Ratio Lower Upper

202 100

101 33.9 9.8 14.8#

100 28.8 7.3 10.9#

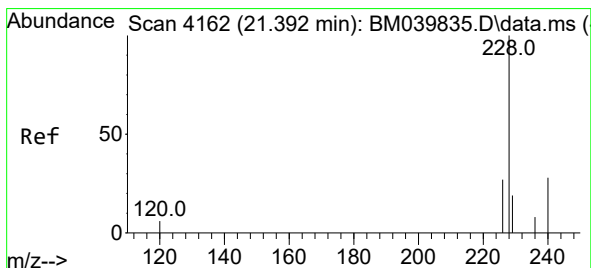
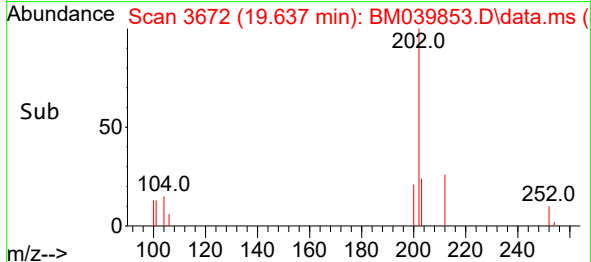
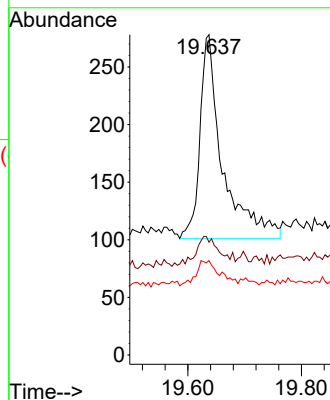
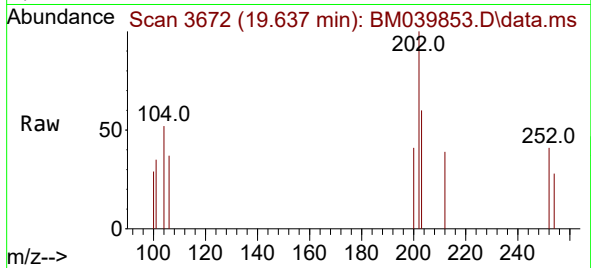




#20
 Pyrene
 Concen: 1.368 ng/ul
 RT: 19.637 min Scan# 3672
 Delta R.T. -0.001 min
 Lab File: BM039853.D
 Acq: 05 May 2023 19:57

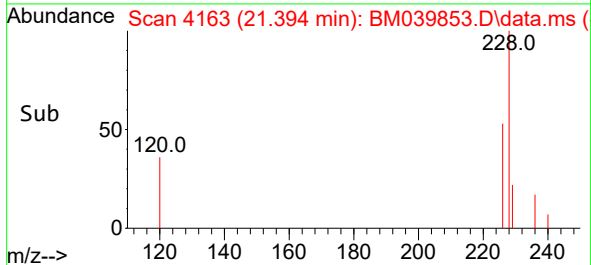
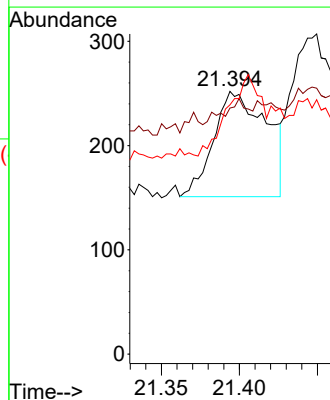
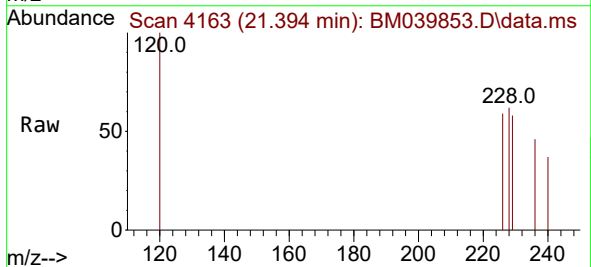
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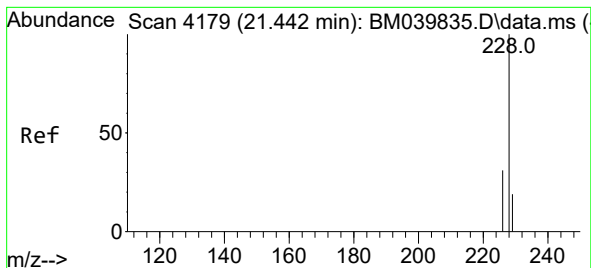
Tgt Ion:202 Resp: 490
 Ion Ratio Lower Upper
 202 100
 101 35.3 10.9 16.3#
 100 29.5 8.9 13.3#



#21
 Benzo(a)anthracene
 Concen: 0.890 ng/ul
 RT: 21.394 min Scan# 4163
 Delta R.T. 0.002 min
 Lab File: BM039853.D
 Acq: 05 May 2023 19:57

Tgt Ion:228 Resp: 238
 Ion Ratio Lower Upper
 228 100
 229 93.7 16.2 24.2#
 226 94.8 21.6 32.4#





#22

Chrysene

Concen: 0.955 ng/ul

RT: 21.449 min Scan# 41

Delta R.T. 0.008 min

Lab File: BM039853.D

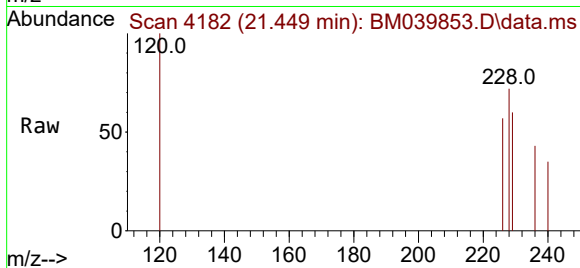
Acq: 05 May 2023 19:57

Instrument :

BNA_M

ClientSampleId :

EW950DL



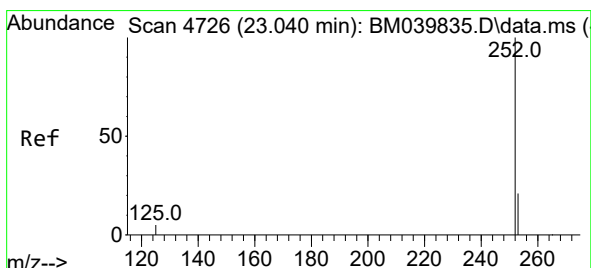
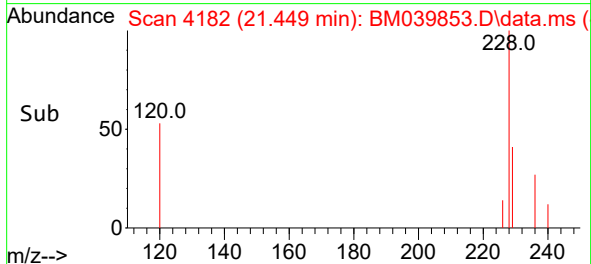
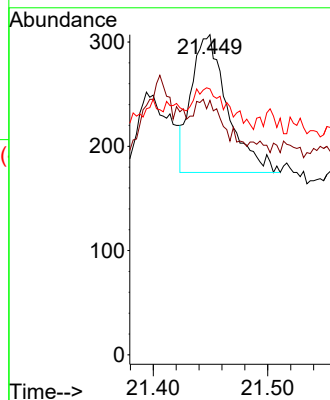
Tgt Ion:228 Resp: 289

Ion Ratio Lower Upper

228 100

226 79.5 24.3 36.5#

229 83.1 15.9 23.9#



#24

Benzo(b)fluoranthene

Concen: 10.129 ng/ul

RT: 23.039 min Scan# 4726

Delta R.T. -0.001 min

Lab File: BM039853.D

Acq: 05 May 2023 19:57

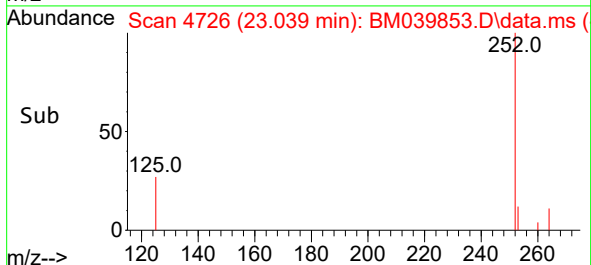
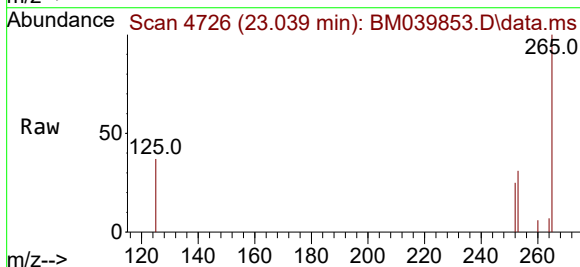
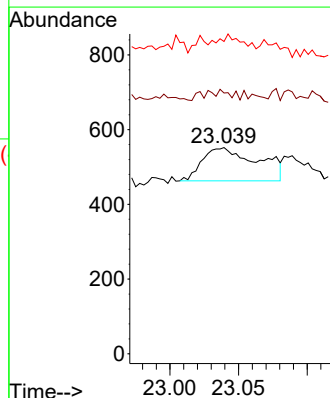
Tgt Ion:252 Resp: 249

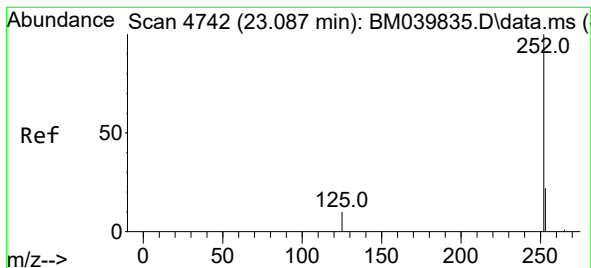
Ion Ratio Lower Upper

252 100

253 126.4 0.0 52.8#

125 151.4 0.0 31.6#





#25

Benzo(k)fluoranthene

Concen: 0.439 ng/ul

RT: 23.127 min Scan# 41

Delta R.T. 0.040 min

Lab File: BM039853.D

Acq: 05 May 2023 19:57

Instrument :

BNA_M

ClientSampleId :

EW950DL

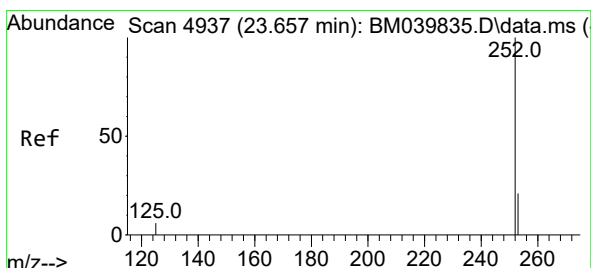
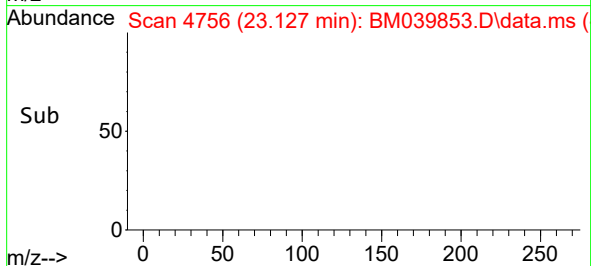
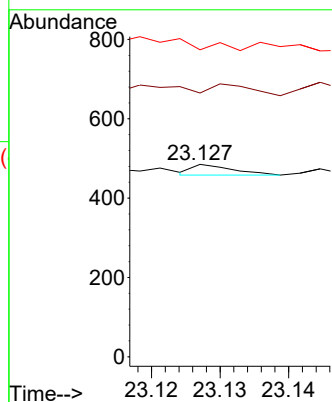
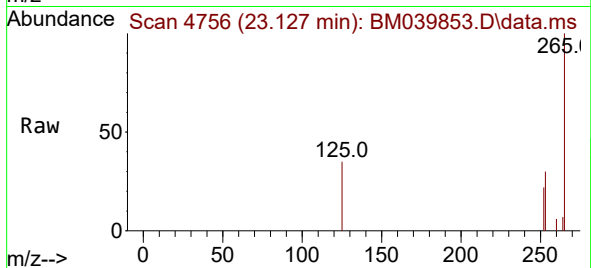
Tgt Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 137.1 21.3 31.9#

125 159.6 13.0 19.6#



#26

Benzo(a)pyrene

Concen: 1.269 ng/ul

RT: 23.650 min Scan# 4935

Delta R.T. -0.007 min

Lab File: BM039853.D

Acq: 05 May 2023 19:57

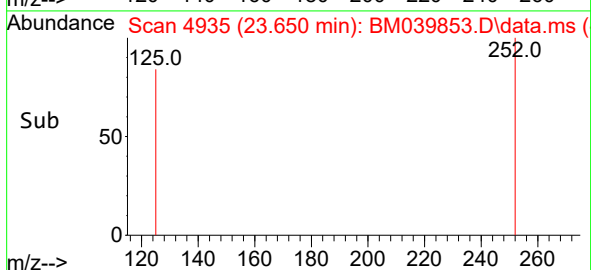
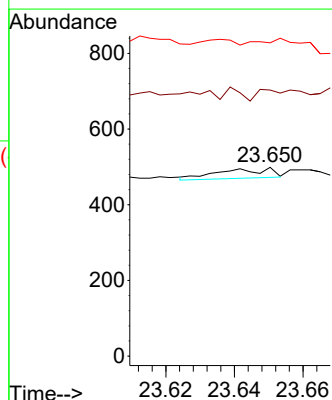
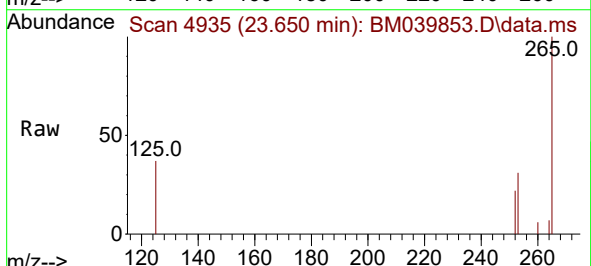
Tgt Ion:252 Resp: 28

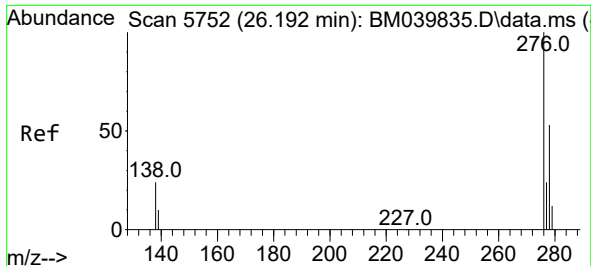
Ion Ratio Lower Upper

252 100

253 140.9 24.7 37.1#

125 165.9 16.5 24.7#

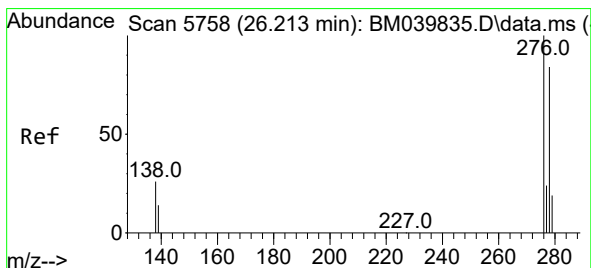
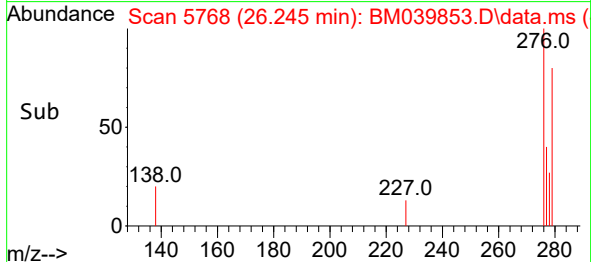
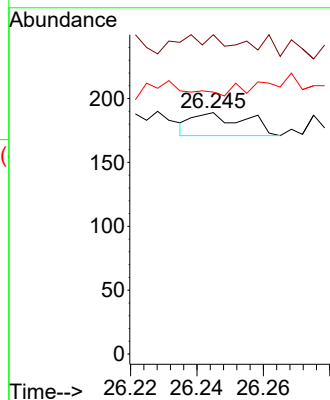
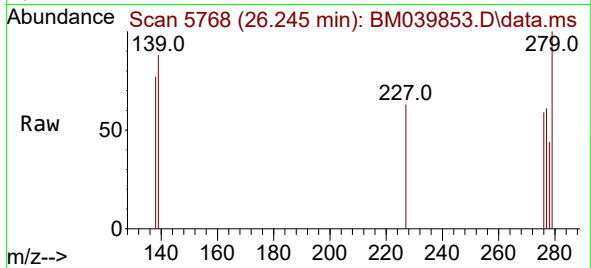




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.717 ng/ul
RT: 26.245 min Scan# 5768
Delta R.T. 0.053 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

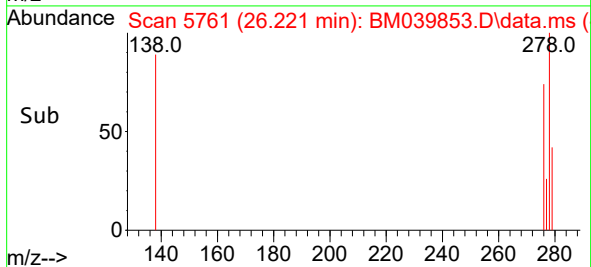
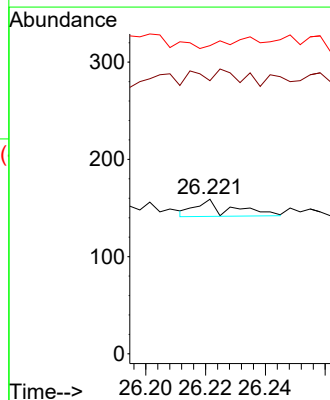
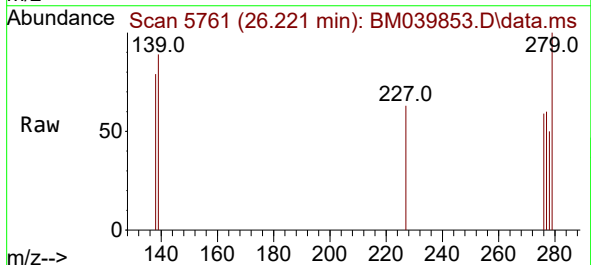
Instrument :
BNA_M
ClientSampleId :
EW950DL

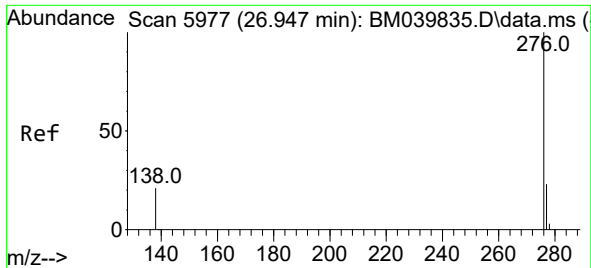
Tgt Ion:276 Resp: 20
Ion Ratio Lower Upper
276 100
138 70.0 21.1 31.7#
227 65.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.692 ng/ul
RT: 26.221 min Scan# 5761
Delta R.T. 0.009 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

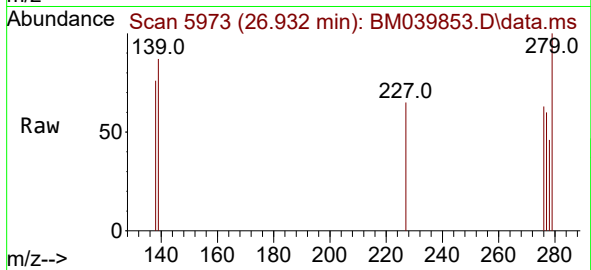
Tgt Ion:278 Resp: 15
Ion Ratio Lower Upper
278 100
139 176.7 17.0 25.6#
279 199.4 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 5.921 ng/ul
 RT: 26.932 min Scan# 5973
 Delta R.T. -0.015 min
 Lab File: BM039853.D
 Acq: 05 May 2023 19:57

Instrument :
 BNA_M
 ClientSampleId :
 EW950DL



Tgt Ion:276 Resp: 144
 Ion Ratio Lower Upper
 276 100
 138 119.6 20.1 30.1#
 277 95.1 20.1 30.1#

