

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039858.D
 Acq On : 05 May 2023 22:57
 Operator : CG/JU
 Sample : PB152529BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS529

Quant Time: May 06 02:16:12 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)

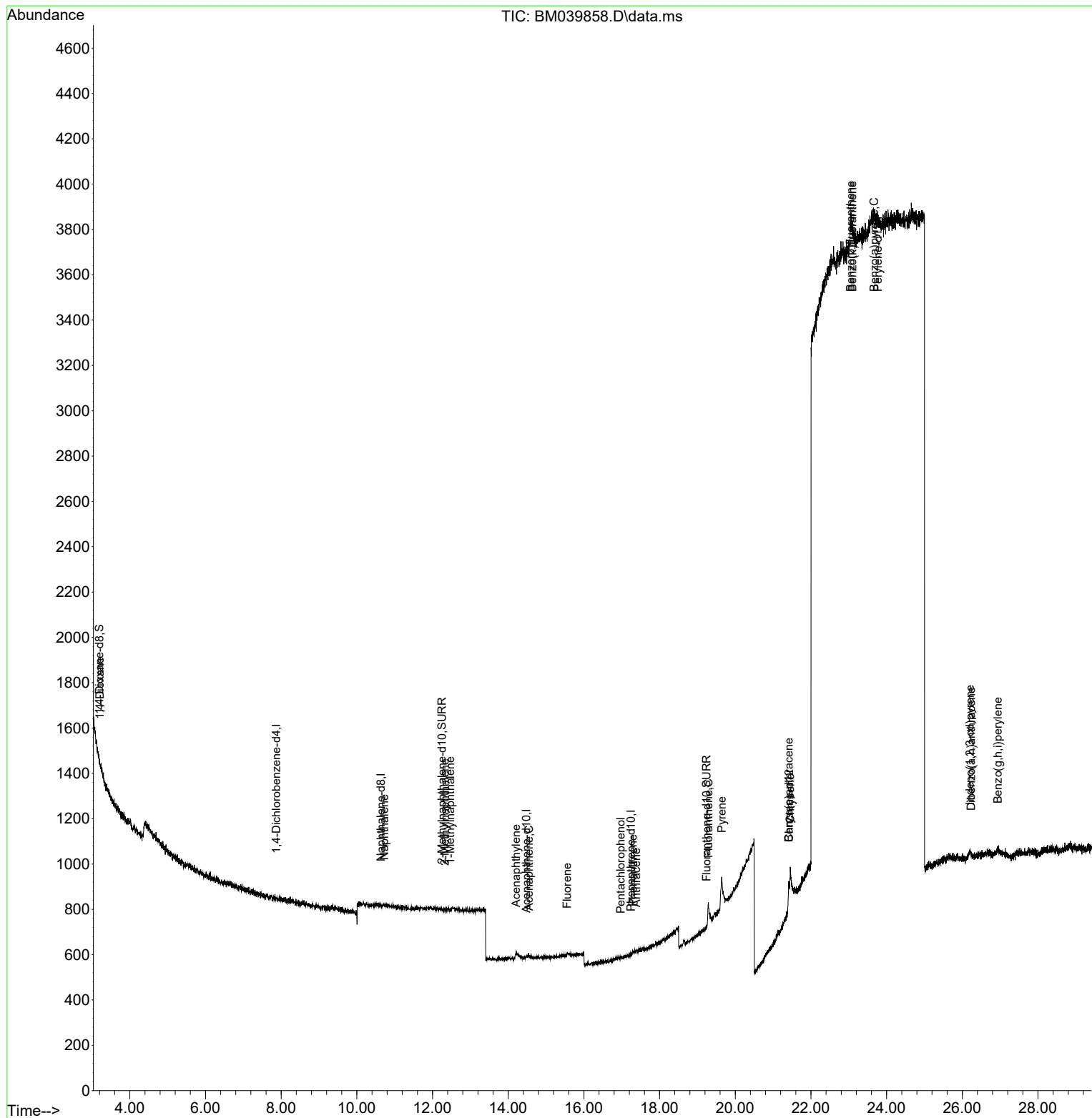
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	3	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.639	136	4	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.478	164	4	0.400	ng/ul	# 0.03
13) Phenanthrene-d10	17.242	188	2	0.400	ng/ul	# 0.03
17) Chrysene-d12	21.417	240	46	0.400	ng/ul	# 0.01
23) Perylene-d12	23.767	264	7	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	22	4.976	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.245	152	4	0.780	ng/ul	0.01
18) Fluoranthene-d10	19.239	212	4	0.032	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	8	1.747	ng/ul#	56
5) Naphthalene	10.721	128	8	0.796	ng/ul#	1
7) 2-Methylnaphthalene	12.322	142	3	0.517	ng/ul#	56
8) 1-Methylnaphthalene	12.470	142	7	1.126	ng/ul	91
10) Acenaphthylene	14.210	152	125	8.074	ng/ul#	1
11) Acenaphthene	14.548	153	18	1.480	ng/ul#	72
12) Fluorene	15.556	166	3	0.222	ng/ul#	48
14) Pentachlorophenol	16.968	266	3	6.882	ng/ul#	15
15) Phenanthrene	17.297	178	15	2.847	ng/ul#	1
16) Anthracene	17.386	178	4	0.884	ng/ul#	1
19) Fluoranthene	19.290	202	212	1.292	ng/ul#	1
20) Pyrene	19.643	202	243	1.371	ng/ul#	8
21) Benzo(a)anthracene	21.411	228	144	1.089	ng/ul#	1
22) Chrysene	21.455	228	220	1.470	ng/ul#	18
24) Benzo(b)fluoranthene	23.048	252	214	8.705	ng/ul#	1
25) Benzo(k)fluoranthene	23.091	252	115	4.594	ng/ul#	1
26) Benzo(a)pyrene	23.667	252	44	1.993	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.201	276	41	1.469	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.231	278	6	0.277	ng/ul#	1
29) Benzo(g,h,i)perylene	26.939	276	7	0.288	ng/ul#	1

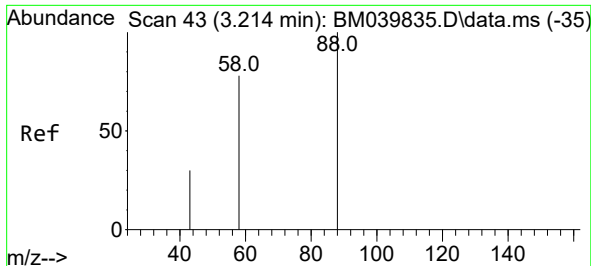
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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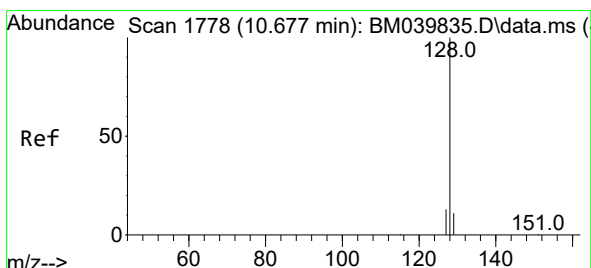
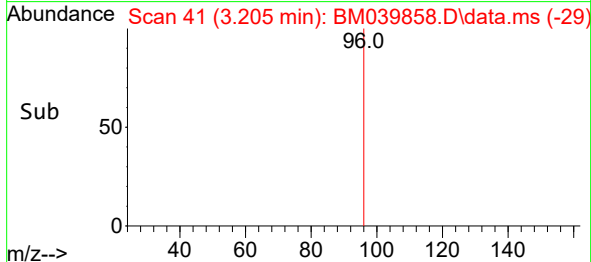
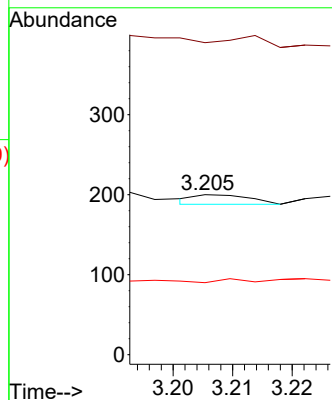
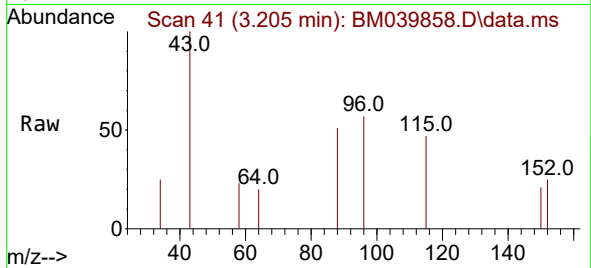




#2
1,4-Dioxane
Concen: 1.747 ng/ul
RT: 3.205 min Scan# 41
Delta R.T. -0.008 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

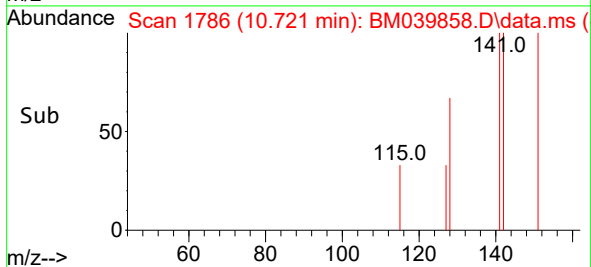
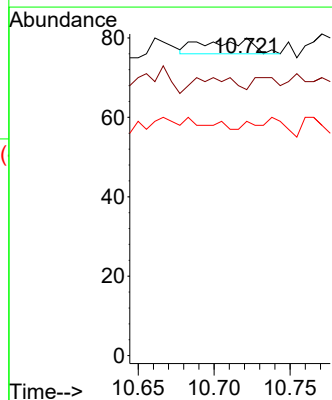
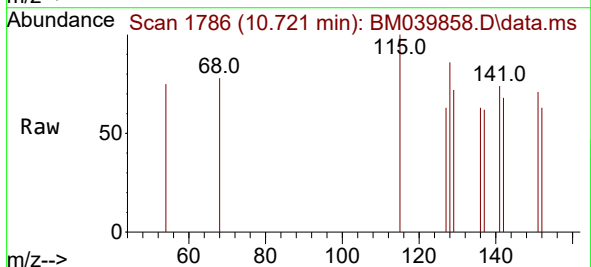
Instrument :
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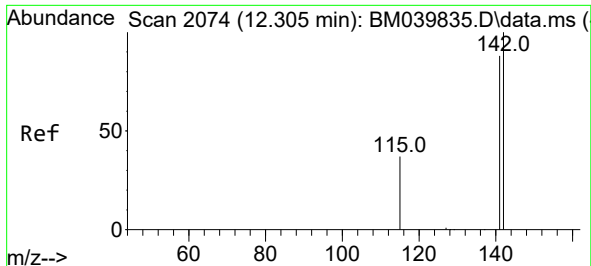
Tgt Ion: 88 Resp: 8
Ion Ratio Lower Upper
88 100
43 195.0 102.6 153.8#
58 45.0 40.6 61.0



#5
Naphthalene
Concen: 0.796 ng/ul
RT: 10.721 min Scan# 1786
Delta R.T. 0.044 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

Tgt Ion: 128 Resp: 8
Ion Ratio Lower Upper
128 100
129 83.8 9.8 14.6#
127 73.8 11.1 16.7#

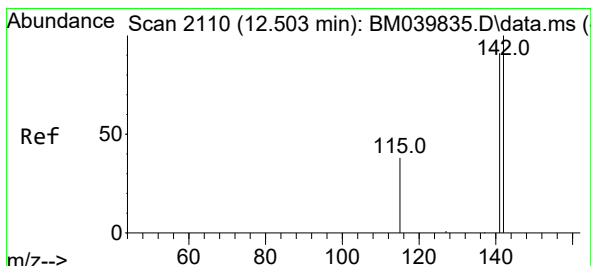
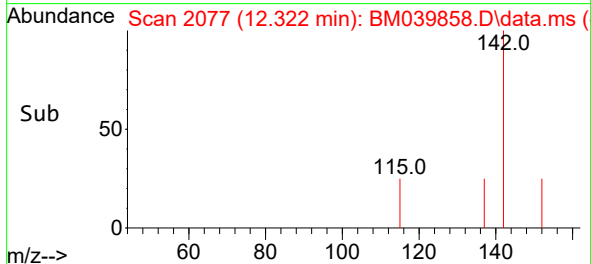
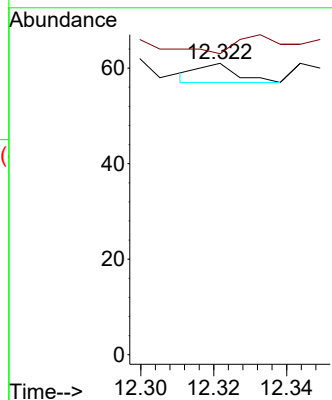
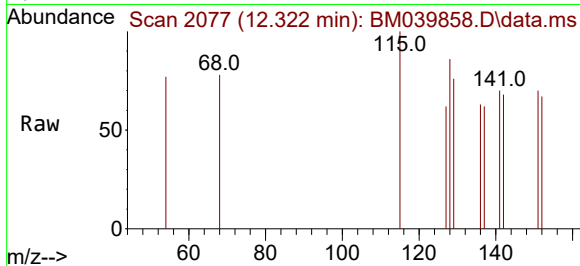




#7
2-Methylnaphthalene
Concen: 0.517 ng/ul
RT: 12.322 min Scan# 2077
Delta R.T. 0.017 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

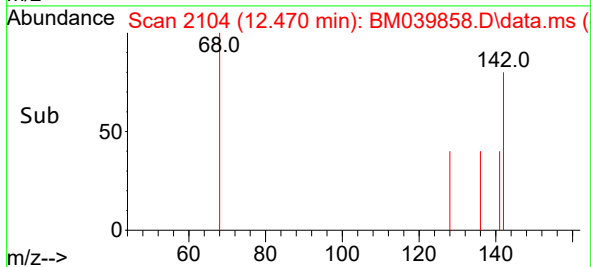
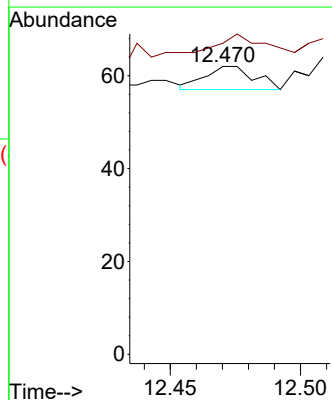
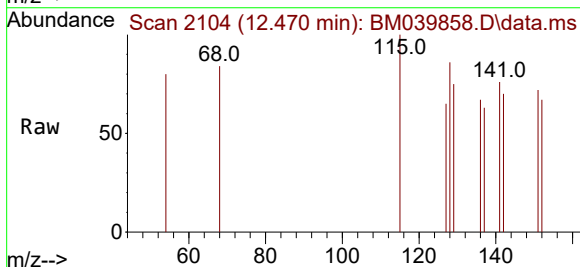
Instrument :
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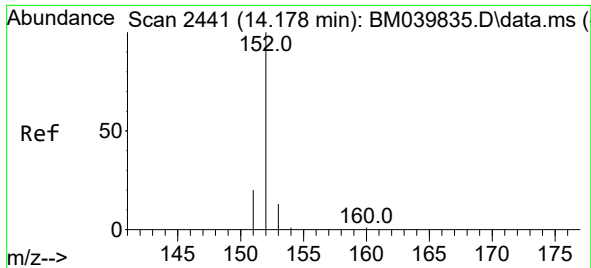
Tgt Ion:142 Resp: 3
Ion Ratio Lower Upper
142 100
141 133.3 73.2 109.8#



#8
1-Methylnaphthalene
Concen: 1.126 ng/ul
RT: 12.470 min Scan# 2104
Delta R.T. -0.033 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

Tgt Ion:142 Resp: 7
Ion Ratio Lower Upper
142 100
141 100.0 73.4 110.2

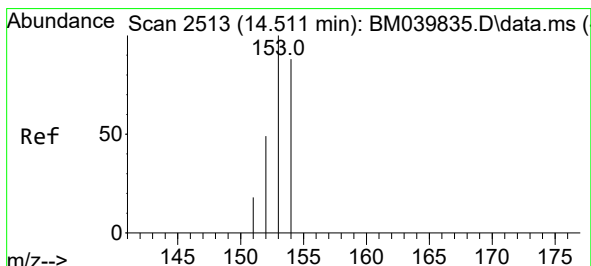
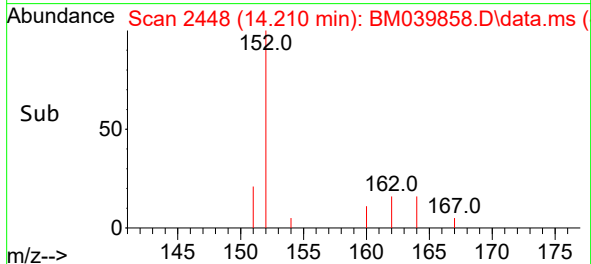
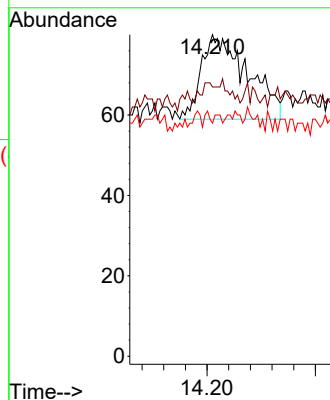
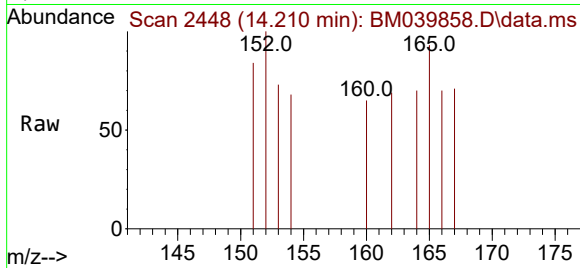




#10
Acenaphthylene
Concen: 8.074 ng/ul
RT: 14.210 min Scan# 2441
Delta R.T. 0.032 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

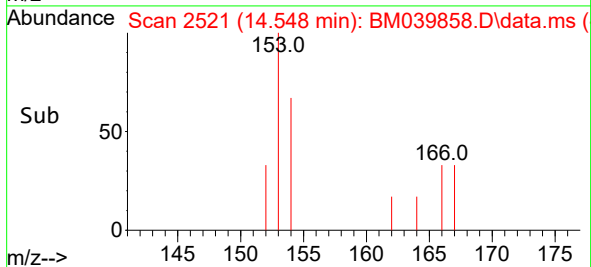
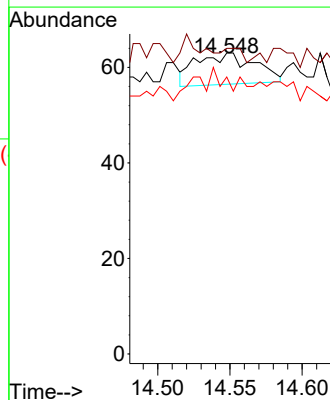
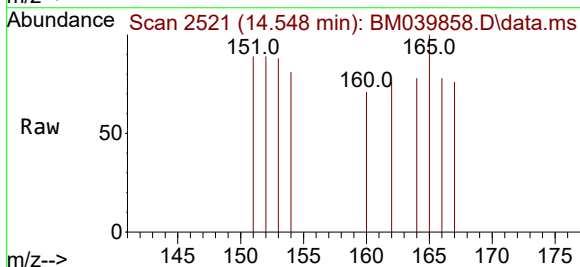
Instrument :
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ClientSampleId :
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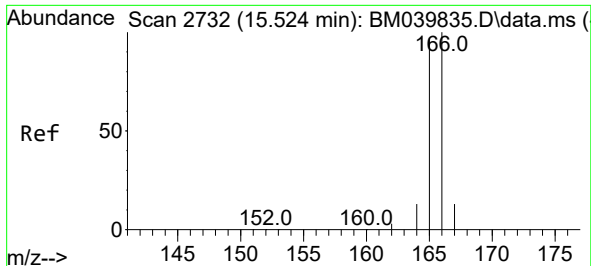
Tgt Ion:152 Resp: 125
Ion Ratio Lower Upper
152 100
151 83.8 16.0 24.0#
153 72.5 11.2 16.8#



#11
Acenaphthene
Concen: 1.480 ng/ul
RT: 14.548 min Scan# 2521
Delta R.T. 0.037 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

Tgt Ion:153 Resp: 18
Ion Ratio Lower Upper
153 100
152 101.6 40.6 61.0#
154 92.1 71.9 107.9

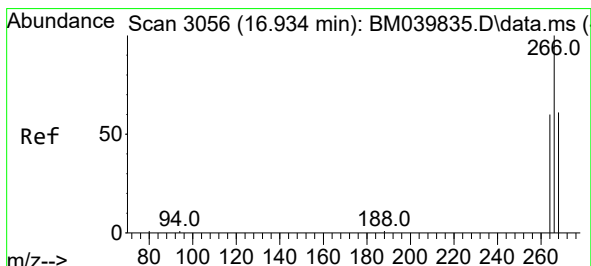
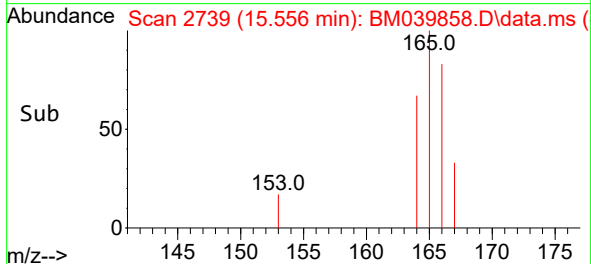
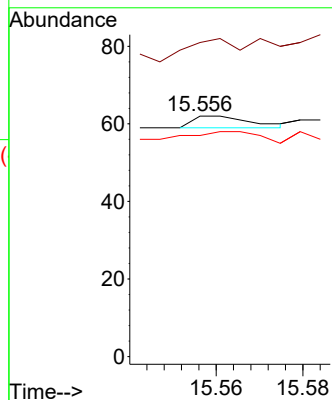
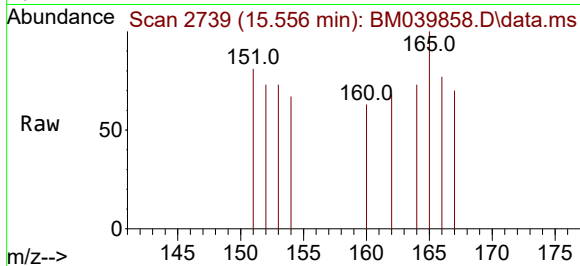




#12
Fluorene
Concen: 0.222 ng/ul
RT: 15.556 min Scan# 21
Delta R.T. 0.032 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

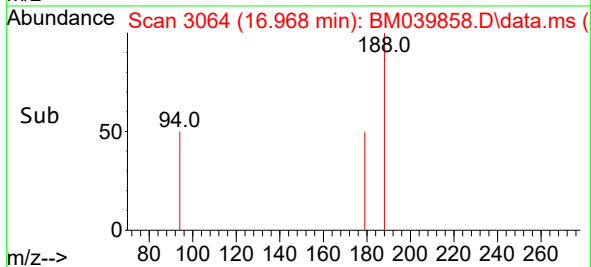
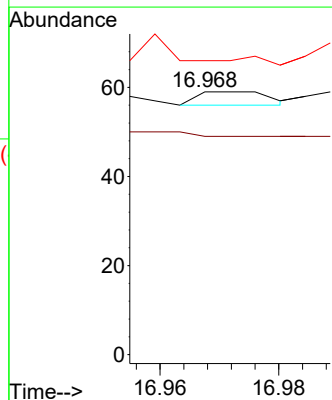
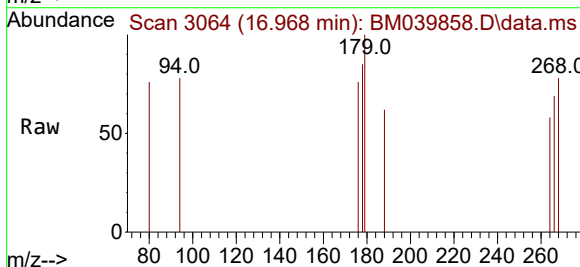
Instrument :
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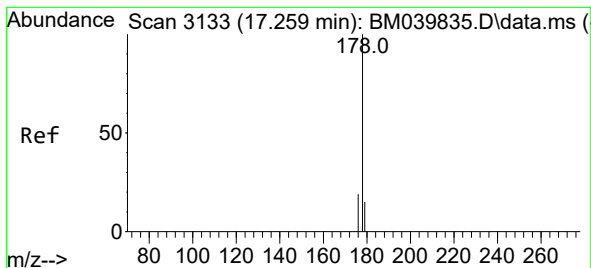
Tgt Ion:166 Resp: 3
Ion Ratio Lower Upper
166 100
165 130.6 79.0 118.6#
167 91.9 11.8 17.6#



#14
Pentachlorophenol
Concen: 6.882 ng/ul
RT: 16.968 min Scan# 3064
Delta R.T. 0.034 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 0.0 48.8 73.2#
268 133.3 50.4 75.6#





#15

Phenanthrene

Concen: 2.847 ng/ul

RT: 17.297 min Scan# 3142

Delta R.T. 0.038 min

Lab File: BM039858.D

Acq: 05 May 2023 22:57

Instrument :

BNA_M

ClientSampleId :

SLCS529

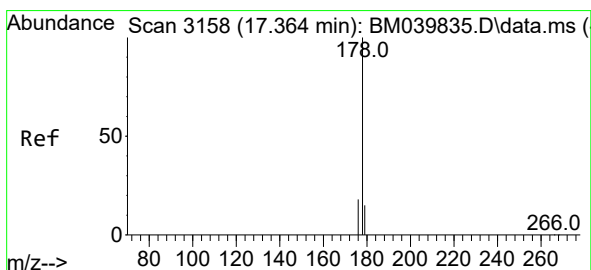
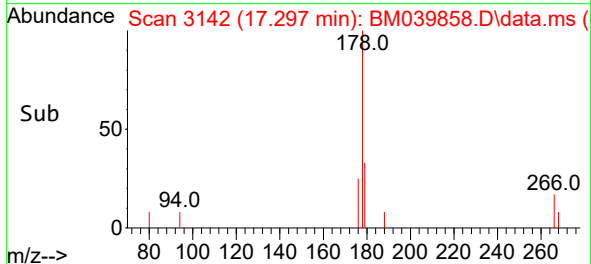
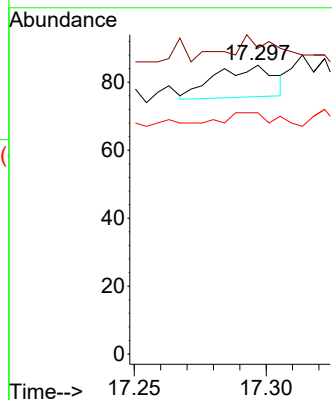
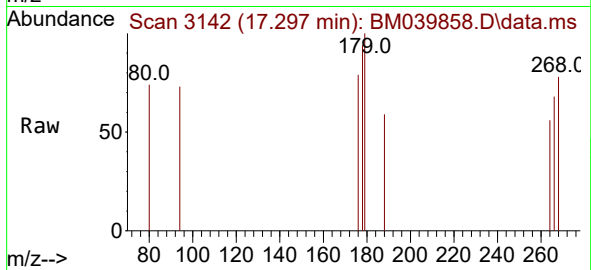
Tgt Ion:178 Resp: 15

Ion Ratio Lower Upper

178 100

179 105.9 13.0 19.6#

176 83.5 15.8 23.8#



#16

Anthracene

Concen: 0.884 ng/ul

RT: 17.386 min Scan# 3163

Delta R.T. 0.021 min

Lab File: BM039858.D

Acq: 05 May 2023 22:57

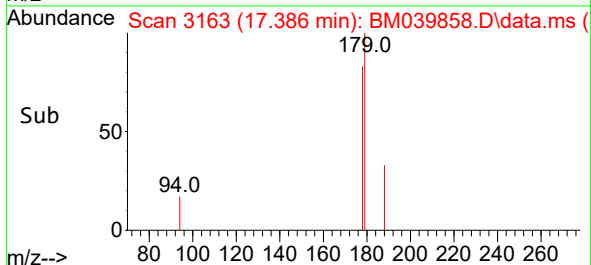
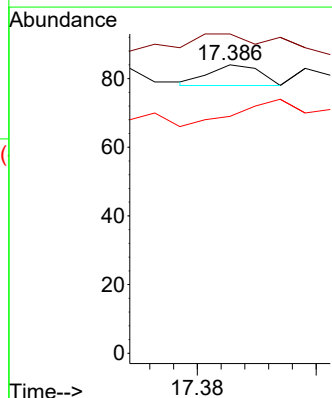
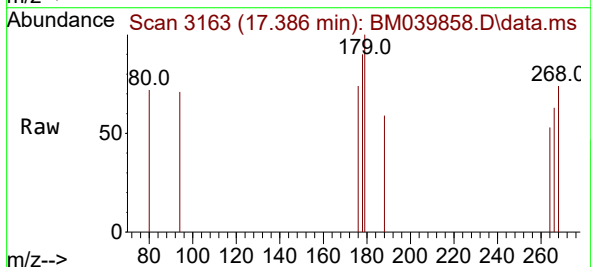
Tgt Ion:178 Resp: 4

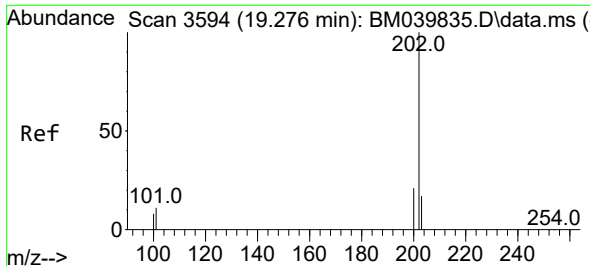
Ion Ratio Lower Upper

178 100

179 110.7 13.8 20.6#

176 82.1 15.8 23.8#

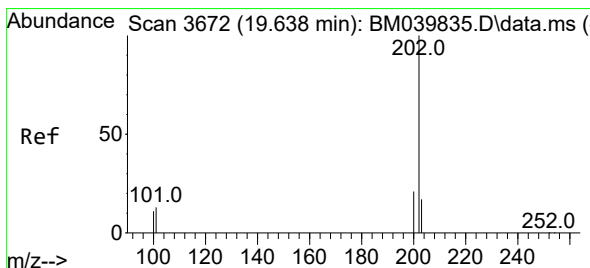
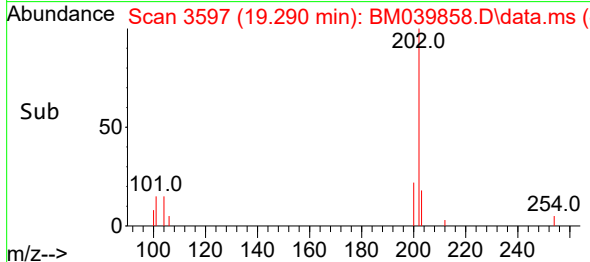
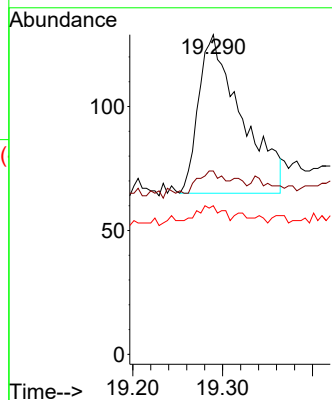
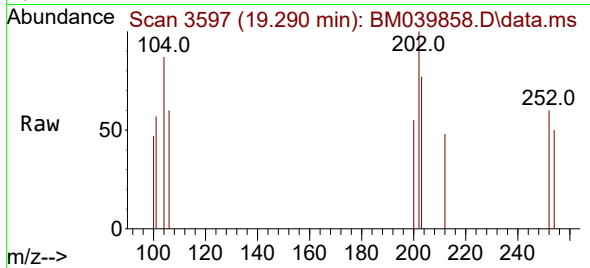




#19
Fluoranthene
Concen: 1.292 ng/ul
RT: 19.290 min Scan# 3597
Delta R.T. 0.014 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

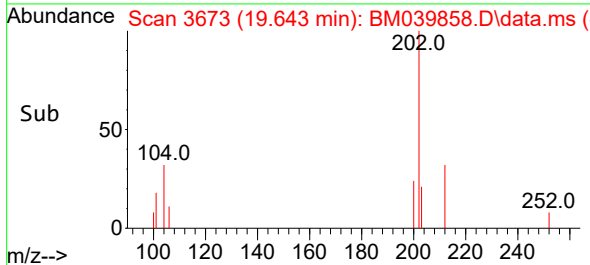
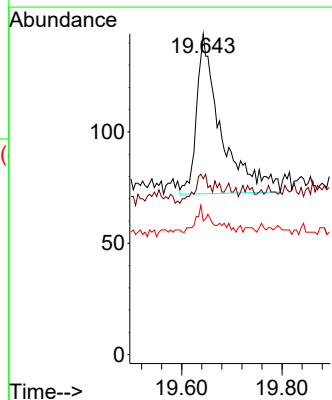
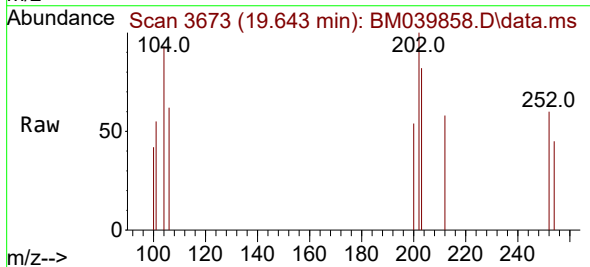
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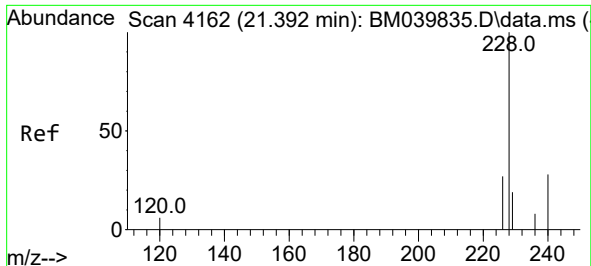
Tgt Ion:202 Resp: 212
Ion Ratio Lower Upper
202 100
101 57.4 9.8 14.8#
100 46.5 7.3 10.9#



#20
Pyrene
Concen: 1.371 ng/ul
RT: 19.643 min Scan# 3673
Delta R.T. 0.005 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

Tgt Ion:202 Resp: 243
Ion Ratio Lower Upper
202 100
101 54.9 10.9 16.3#
100 41.7 8.9 13.3#

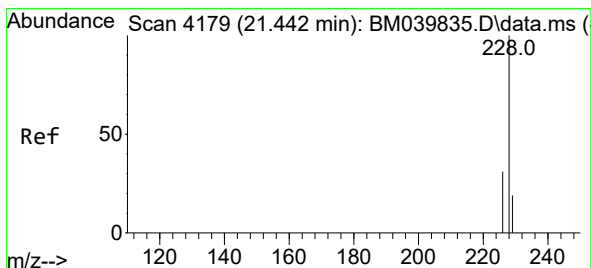
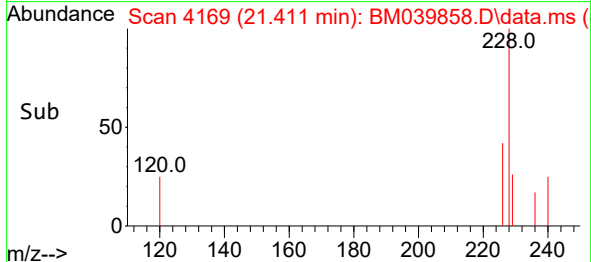
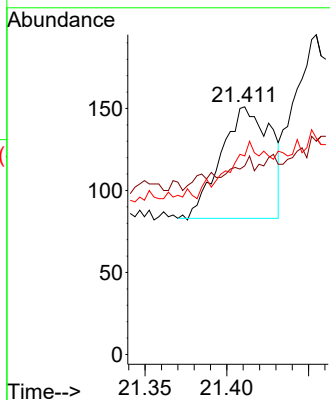
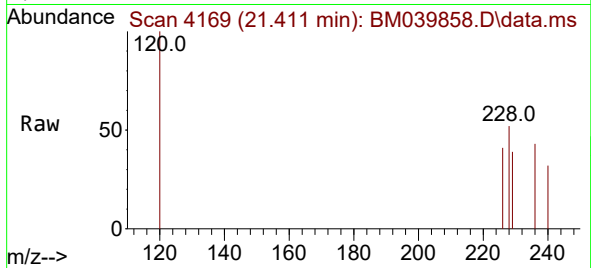




#21
Benzo(a)anthracene
Concen: 1.089 ng/ul
RT: 21.411 min Scan# 4169
Delta R.T. 0.019 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

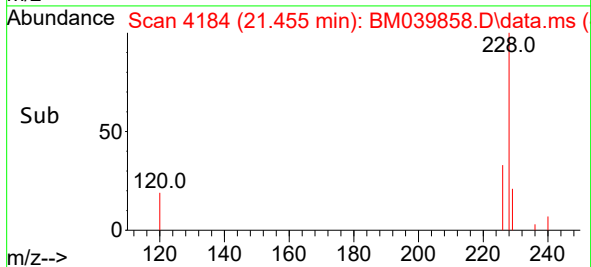
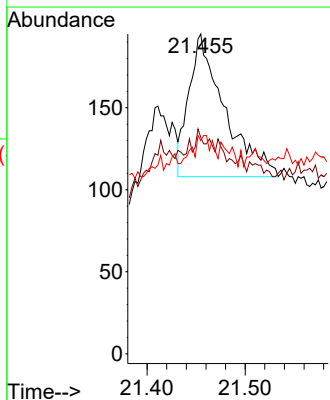
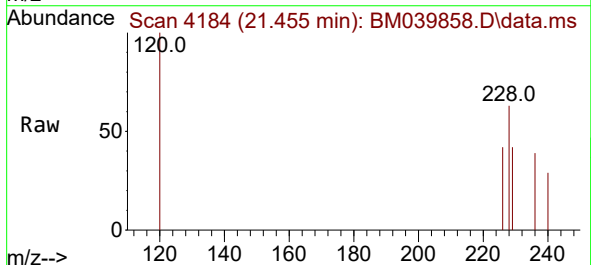
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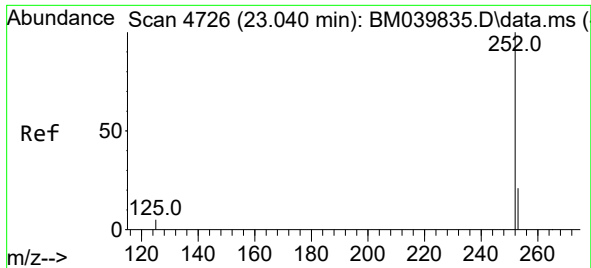
Tgt Ion:228 Resp: 144
Ion Ratio Lower Upper
228 100
229 76.2 16.2 24.2#
226 80.1 21.6 32.4#



#22
Chrysene
Concen: 1.470 ng/ul
RT: 21.455 min Scan# 4184
Delta R.T. 0.013 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

Tgt Ion:228 Resp: 220
Ion Ratio Lower Upper
228 100
226 67.7 24.3 36.5#
229 66.7 15.9 23.9#

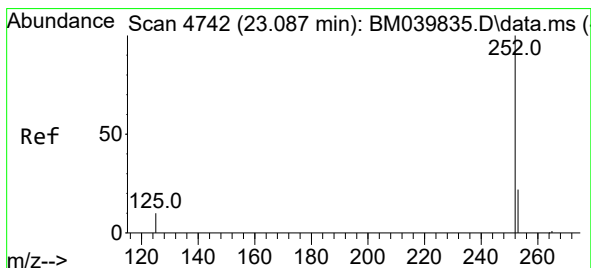
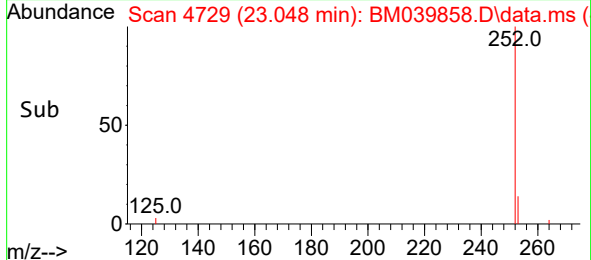
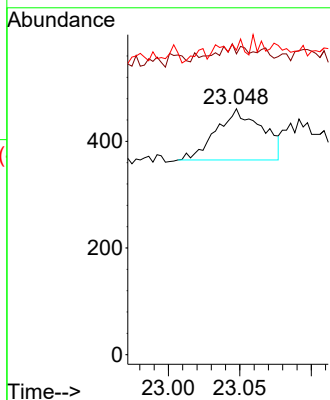
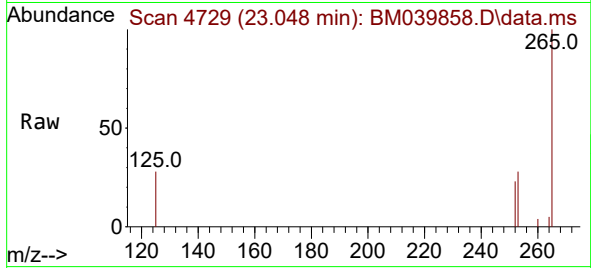




#24
Benzo(b)fluoranthene
Concen: 8.705 ng/ul
RT: 23.048 min Scan# 4729
Delta R.T. 0.007 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

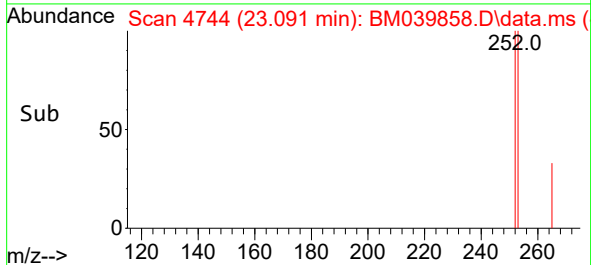
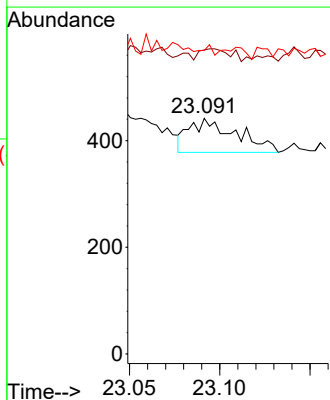
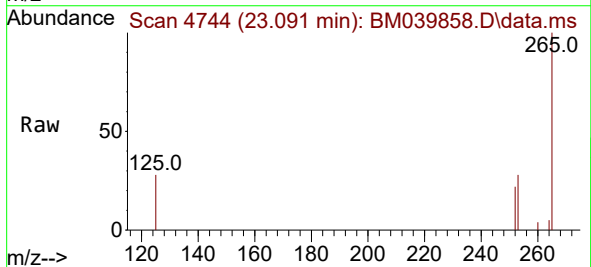
Instrument :
BNA_M
ClientSampleId :
SLCS529

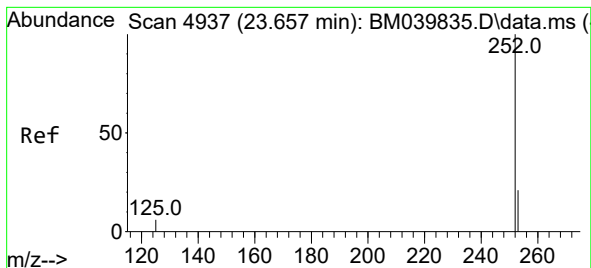
Tgt Ion:252 Resp: 214
Ion Ratio Lower Upper
252 100
253 122.3 0.0 52.8#
125 123.9 0.0 31.6#



#25
Benzo(k)fluoranthene
Concen: 4.594 ng/ul
RT: 23.091 min Scan# 4744
Delta R.T. 0.004 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

Tgt Ion:252 Resp: 115
Ion Ratio Lower Upper
252 100
253 129.0 21.3 31.9#
125 128.7 13.0 19.6#





#26

Benzo(a)pyrene

Concen: 1.993 ng/ul

RT: 23.667 min Scan# 4937

Delta R.T. 0.010 min

Lab File: BM039858.D

Acq: 05 May 2023 22:57

Instrument :

BNA_M

ClientSampleId :

SLCS529

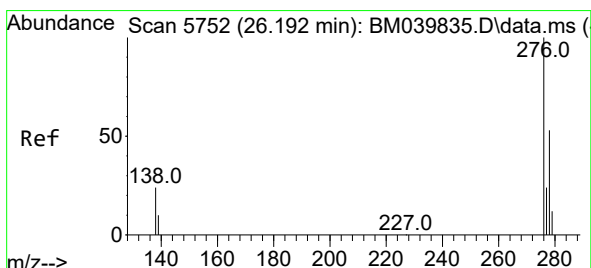
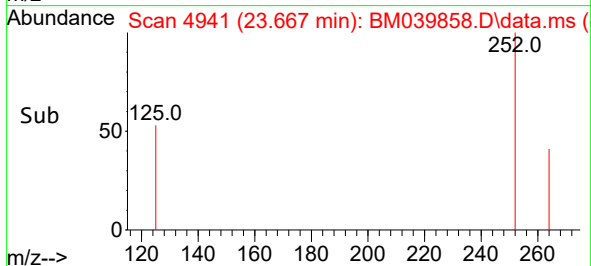
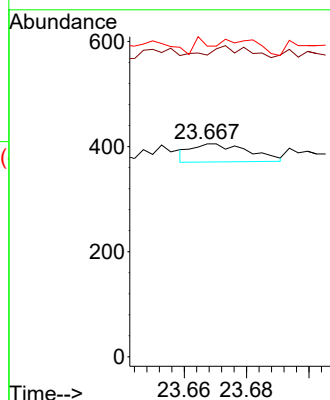
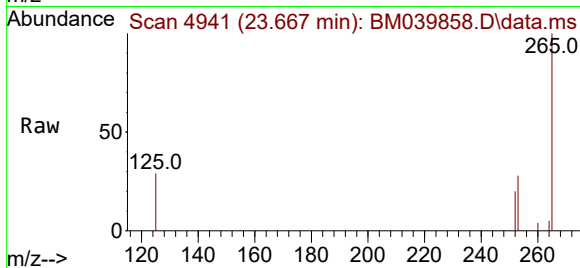
Tgt Ion:252 Resp: 44

Ion Ratio Lower Upper

252 100

253 141.7 24.7 37.1#

125 145.9 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.469 ng/ul

RT: 26.201 min Scan# 5755

Delta R.T. 0.008 min

Lab File: BM039858.D

Acq: 05 May 2023 22:57

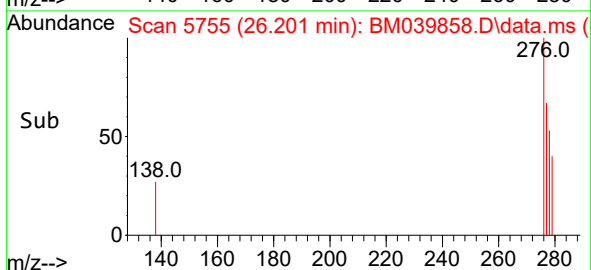
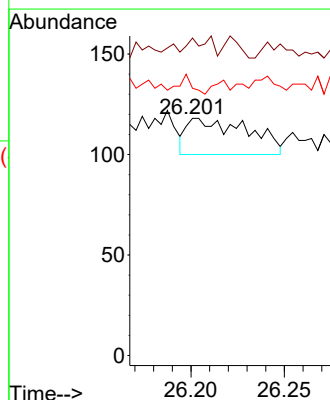
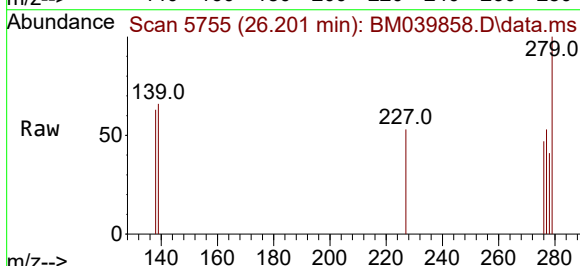
Tgt Ion:276 Resp: 41

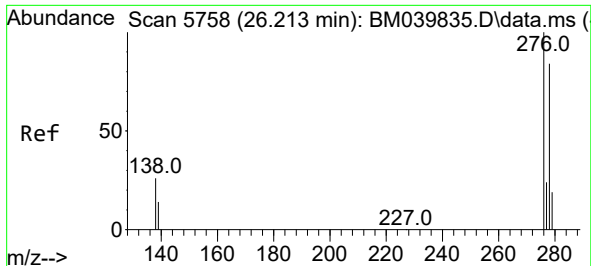
Ion Ratio Lower Upper

276 100

138 22.0 21.1 31.7

227 12.2 0.1 0.1#

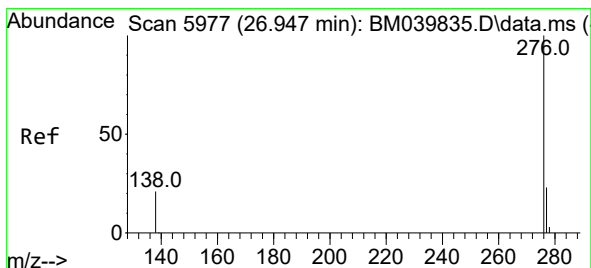
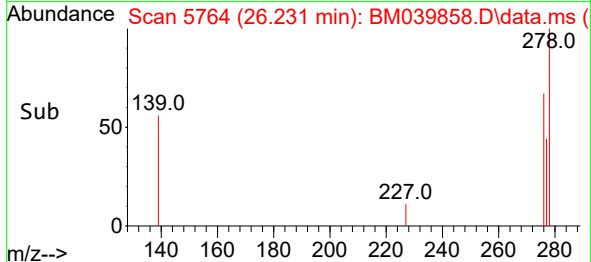
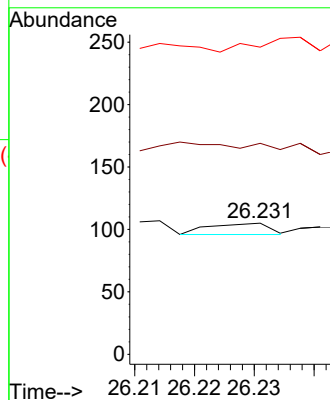
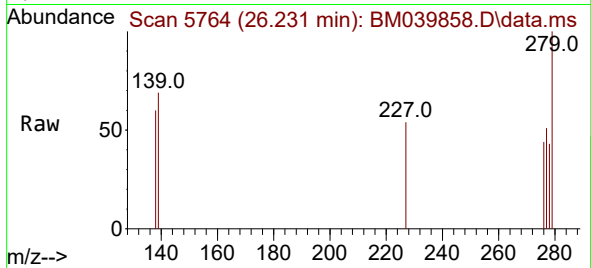




#28
Dibenzo(a,h)anthracene
Concen: 0.277 ng/ul
RT: 26.231 min Scan# 51
Delta R.T. 0.018 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

Instrument :
BNA_M
ClientSampleId :
SLCS529

Tgt Ion:278 Resp: 6
Ion Ratio Lower Upper
278 100
139 161.0 17.0 25.6#
279 234.3 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.288 ng/ul
RT: 26.939 min Scan# 5975
Delta R.T. -0.008 min
Lab File: BM039858.D
Acq: 05 May 2023 22:57

Tgt Ion:276 Resp: 7
Ion Ratio Lower Upper
276 100
138 117.9 20.1 30.1#
277 107.3 20.1 30.1#

