

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
 Data File : BM041773.D
 Acq On : 10 Sep 2023 05:51
 Operator : MA/JU
 Sample : PB155285BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

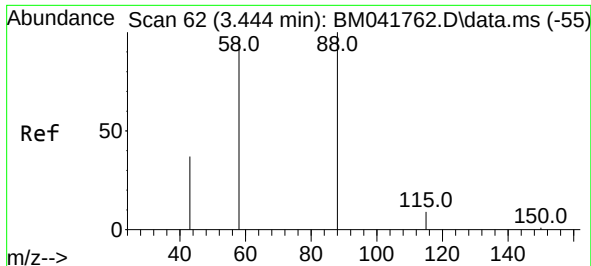
Instrument :
 BNA_M
 ClientSampleId :
 SLCS285

Quant Time: Sep 11 01:52:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	762	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.807	136	1564	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.629	164	536	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	945	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.548	240	306	0.400	ng/ul	# 0.00
23) Perylene-d12	23.965	264	327	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	848	0.728	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.385	152	674	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	560	0.377	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	1805	1.492	ng/ul#	91
5) Naphthalene	10.856	128	1631	0.318	ng/ul#	89
7) 2-Methylnaphthalene	12.456	142	860	0.295	ng/ul	100
8) 1-Methylnaphthalene	12.676	142	916	0.313	ng/ul	98
10) Acenaphthylene	14.356	152	1003	0.303	ng/ul#	86
11) Acenaphthene	14.694	153	833	0.323	ng/ul	97
12) Fluorene	15.679	166	859	0.297	ng/ul#	92
14) Pentachlorophenol	17.004	266	196	0.518	ng/ul	97
15) Phenanthrene	17.422	178	1280	0.321	ng/ul#	87
16) Anthracene	17.514	178	1046	0.306	ng/ul#	80
19) Fluoranthene	19.427	202	1230	0.341	ng/ul#	84
20) Pyrene	19.794	202	1251	0.349	ng/ul#	83
21) Benzo(a)anthracene	21.527	228	795	0.319	ng/ul#	90
22) Chrysene	21.583	228	868	0.322	ng/ul#	88
24) Benzo(b)fluoranthene	23.222	252	978	0.334	ng/ul#	23
25) Benzo(k)fluoranthene	23.269	252	863	0.301	ng/ul#	17
26) Benzo(a)pyrene	23.860	252	756	0.318	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.485	276	1042	0.319	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.502	278	742	0.325	ng/ul#	41
29) Benzo(g,h,i)perylene	27.256	276	993	0.344	ng/ul#	64

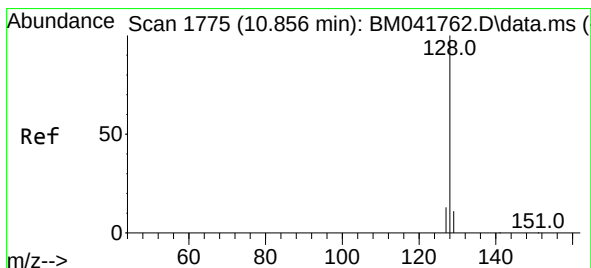
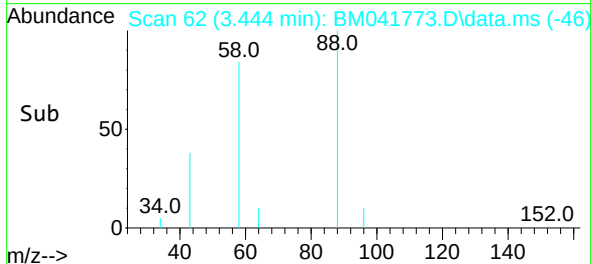
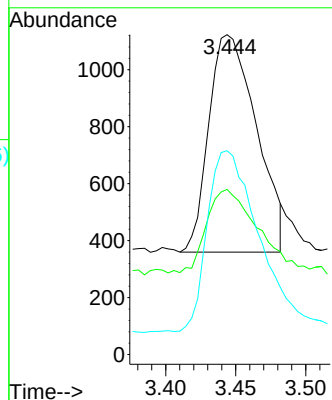
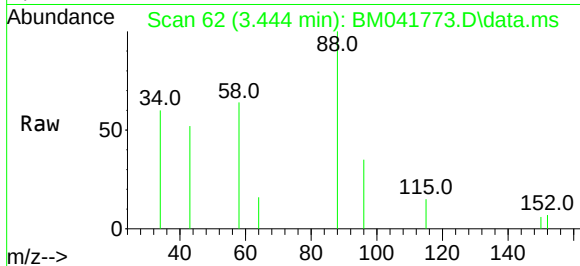
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 1.492 ng/ul
 RT: 3.444 min Scan# 61
 Delta R.T. 0.008 min
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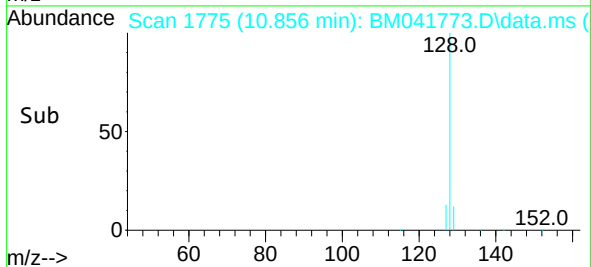
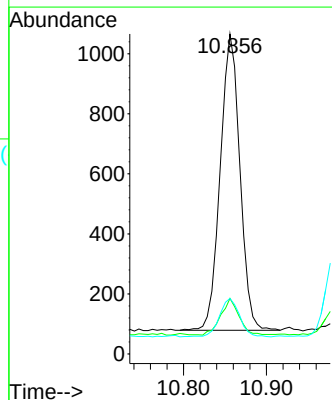
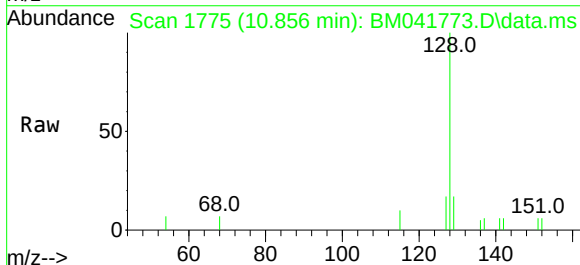
Instrument :
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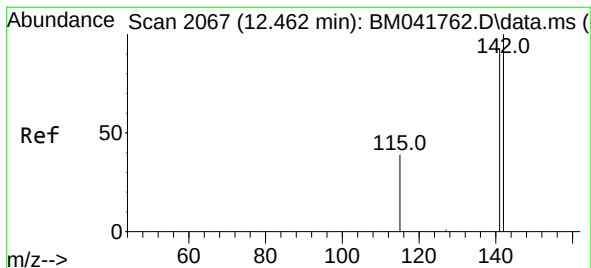
Tgt Ion: 88 Resp: 1805
 Ion Ratio Lower Upper
 88 100
 43 51.6 33.8 50.6#
 58 63.8 54.2 81.2



#5
 Naphthalene
 Concen: 0.318 ng/ul
 RT: 10.856 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: BM041773.D
 Acq: 10 Sep 2023 05:51

Tgt Ion: 128 Resp: 1631
 Ion Ratio Lower Upper
 128 100
 129 17.4 9.4 14.0#
 127 17.4 11.0 16.6#

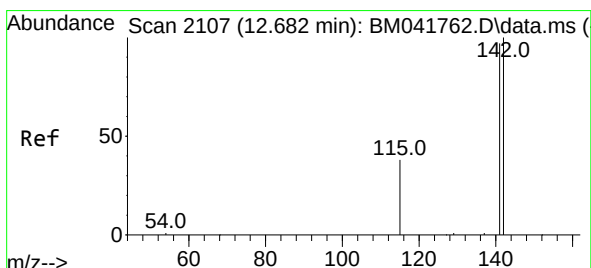
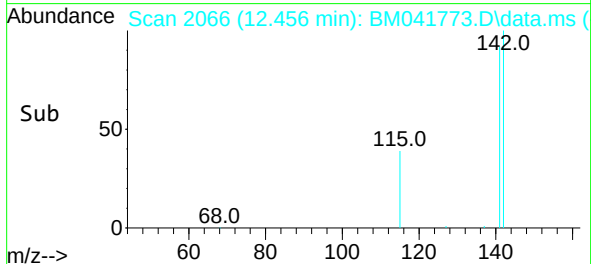
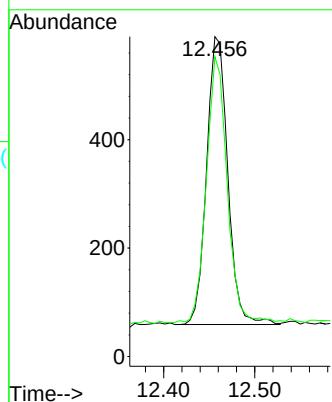
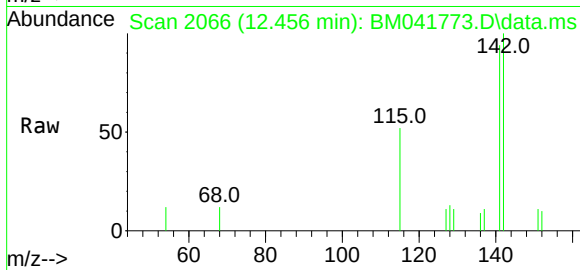




#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.456 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

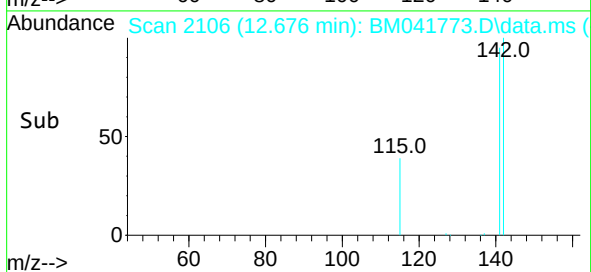
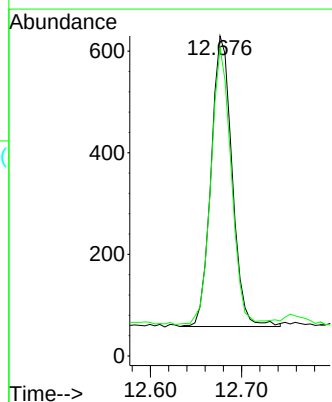
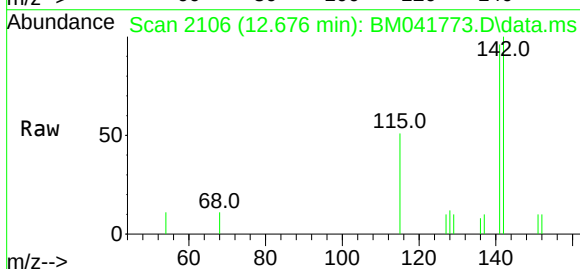
Instrument :
BNA_M
ClientSampleId :
SLCS285

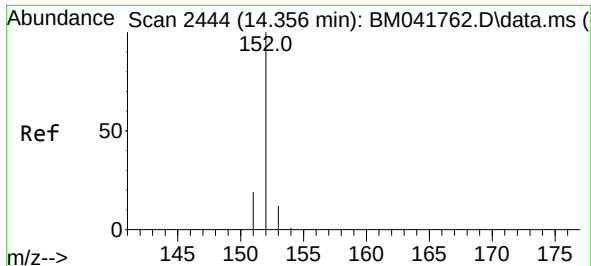
Tgt Ion:142 Resp: 860
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.676 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

Tgt Ion:142 Resp: 916
Ion Ratio Lower Upper
142 100
141 91.0 74.4 111.6

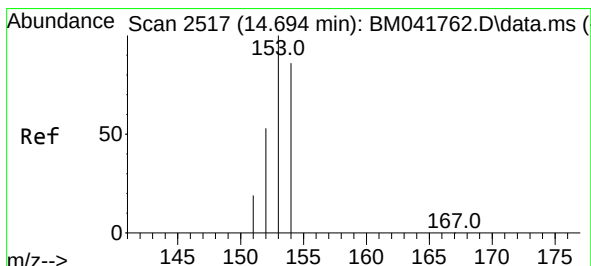
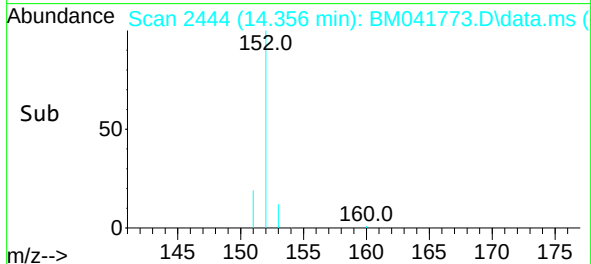
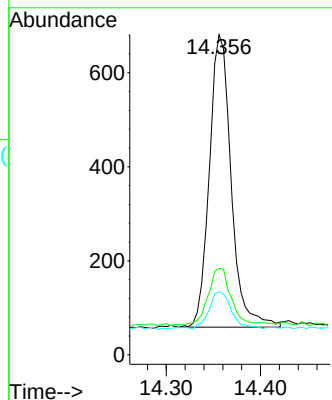
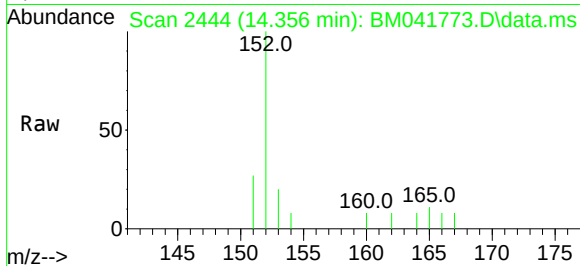




#10
Acenaphthylene
Concen: 0.303 ng/u1
RT: 14.356 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

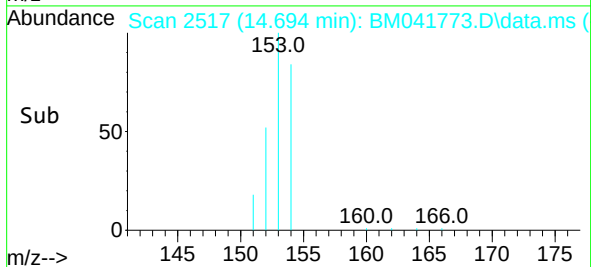
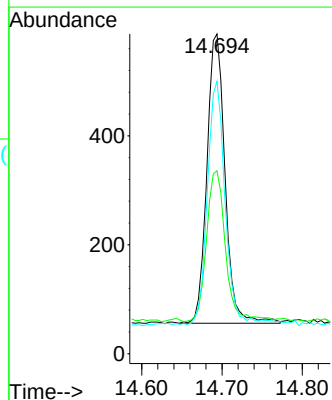
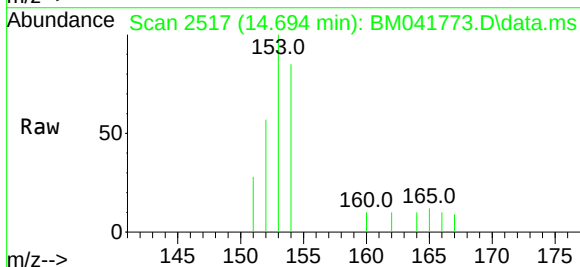
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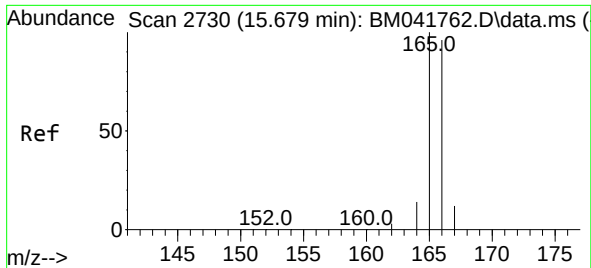
Tgt Ion:152 Resp: 1003
Ion Ratio Lower Upper
152 100
151 27.0 16.4 24.6#
153 19.7 11.1 16.7#



#11
Acenaphthene
Concen: 0.323 ng/u1
RT: 14.694 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

Tgt Ion:153 Resp: 833
Ion Ratio Lower Upper
153 100
152 57.2 43.4 65.2
154 85.2 69.4 104.0

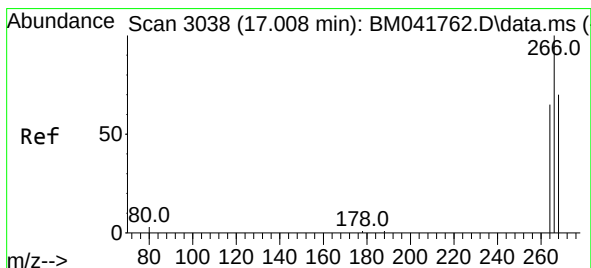
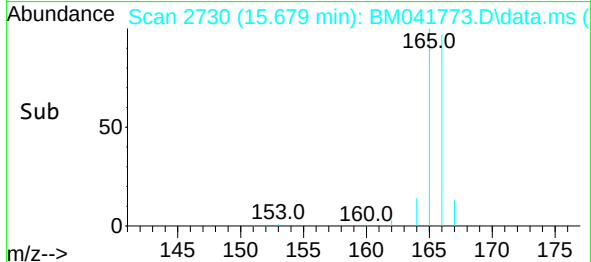
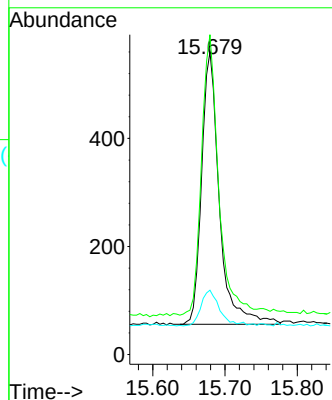
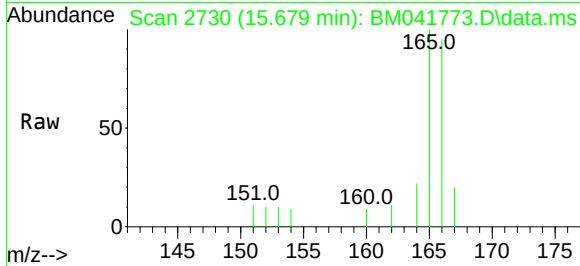




#12
Fluorene
Concen: 0.297 ng/ul
RT: 15.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

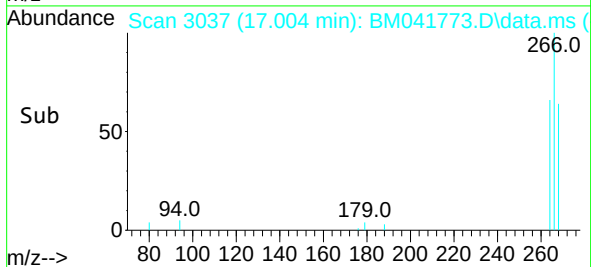
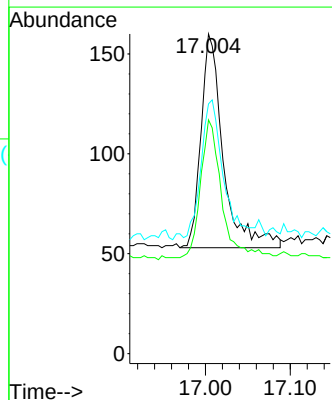
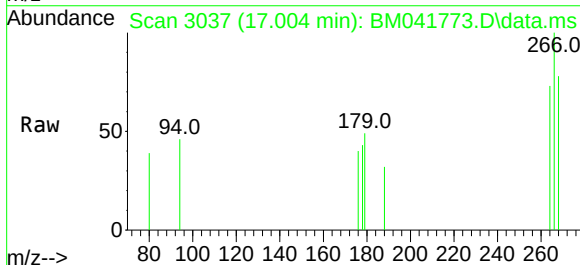
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BNA_M
ClientSampleId :
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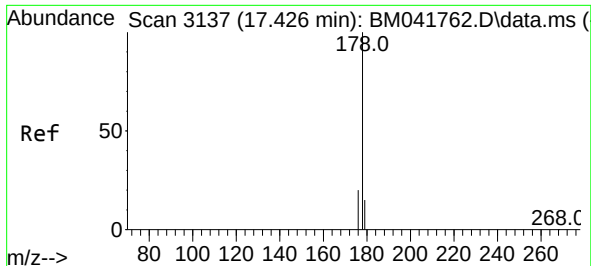
Tgt Ion:166 Resp: 859
Ion Ratio Lower Upper
166 100
165 105.7 79.4 119.2
167 21.3 11.3 16.9#



#14
Pentachlorophenol
Concen: 0.518 ng/ul
RT: 17.004 min Scan# 3037
Delta R.T. 0.000 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

Tgt Ion:266 Resp: 196
Ion Ratio Lower Upper
266 100
264 60.2 50.0 75.0
268 66.3 50.8 76.2

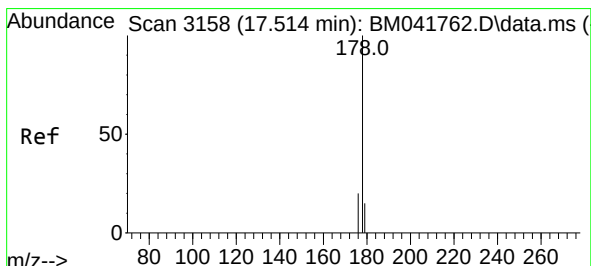
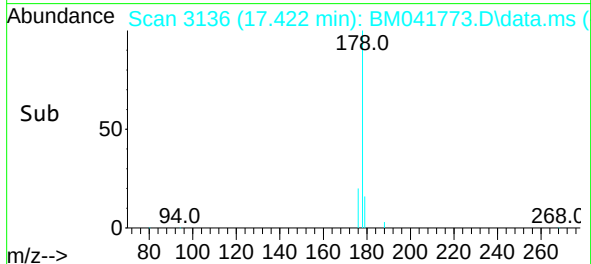
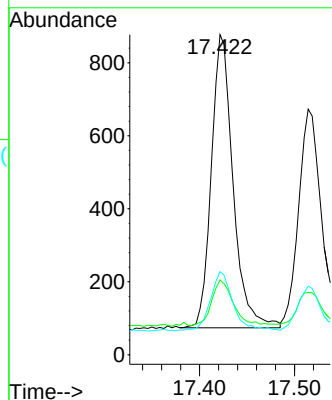
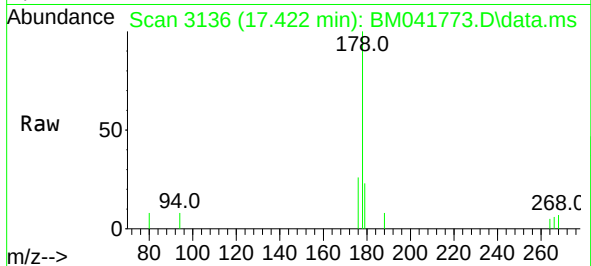




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

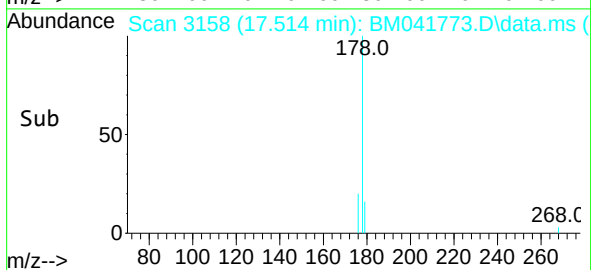
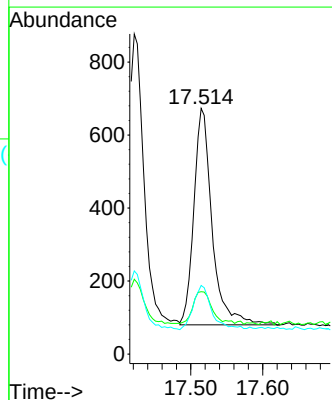
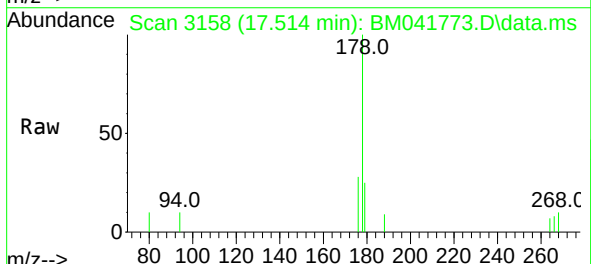
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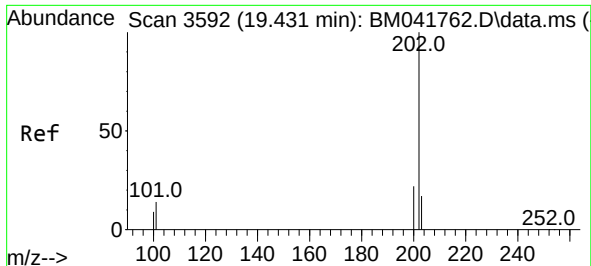
Tgt Ion:178 Resp: 1280
Ion Ratio Lower Upper
178 100
179 23.4 12.9 19.3#
176 26.0 16.9 25.3#



#16
Anthracene
Concen: 0.306 ng/ul
RT: 17.514 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

Tgt Ion:178 Resp: 1046
Ion Ratio Lower Upper
178 100
179 25.4 12.9 19.3#
176 27.9 15.8 23.8#

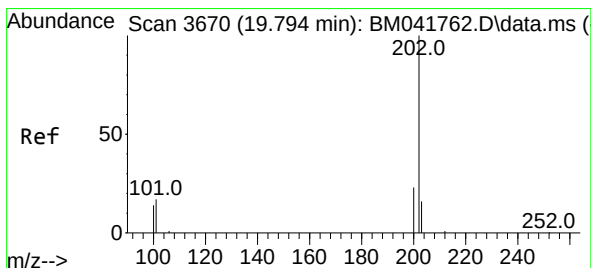
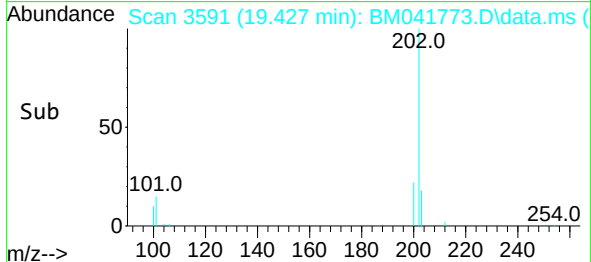
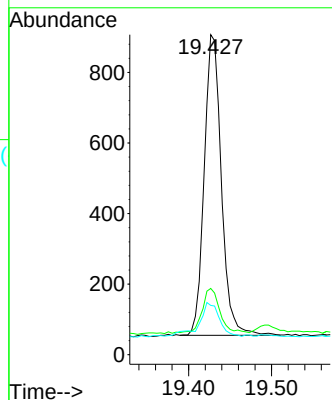
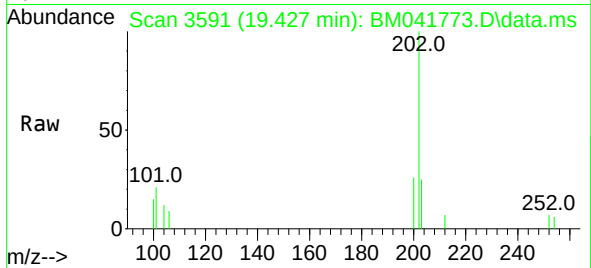




#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.427 min Scan# 3591
Delta R.T. -0.005 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

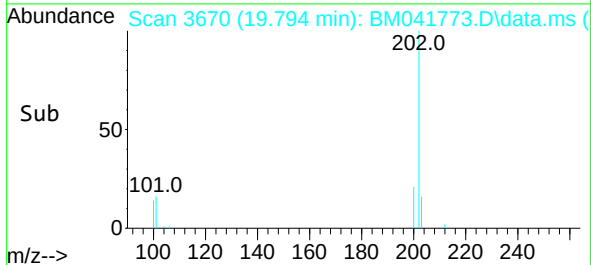
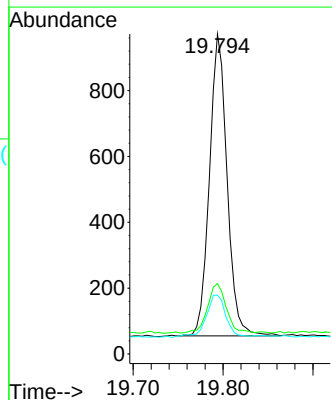
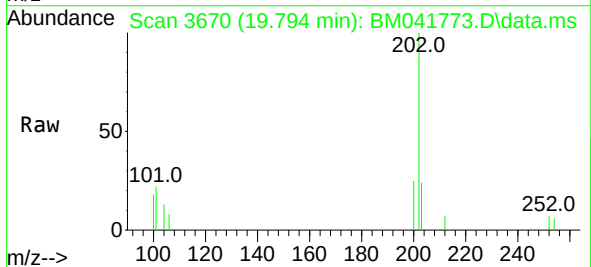
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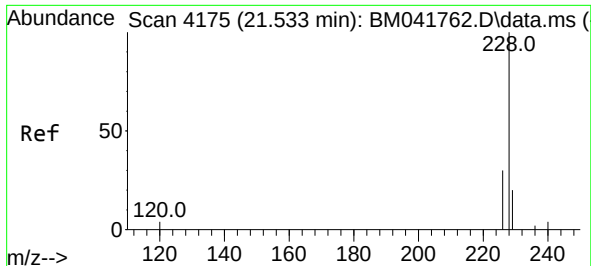
Tgt Ion:202 Resp: 1230
Ion Ratio Lower Upper
202 100
101 20.7 10.5 15.7#
100 15.4 8.4 12.6#



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.794 min Scan# 3670
Delta R.T. -0.005 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

Tgt Ion:202 Resp: 1251
Ion Ratio Lower Upper
202 100
101 22.0 11.8 17.8#
100 18.4 9.8 14.6#

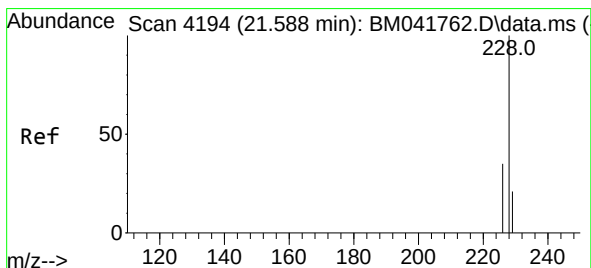
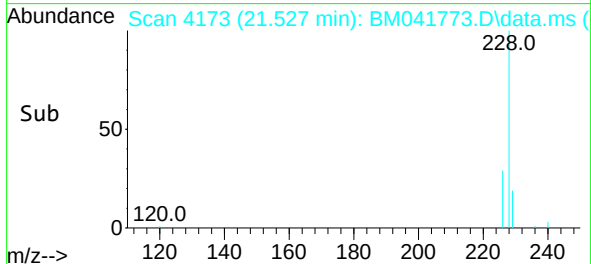
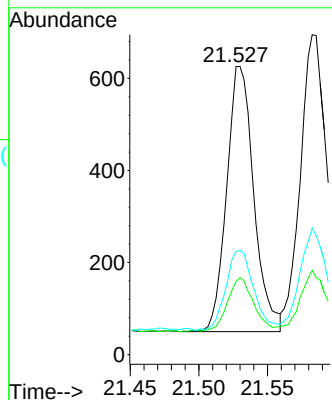
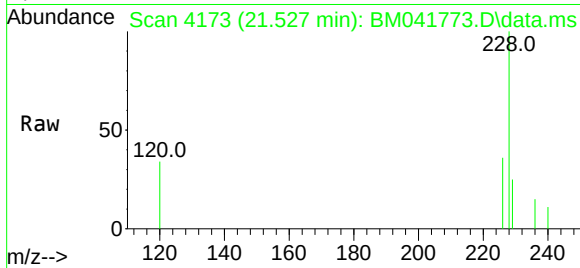




#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

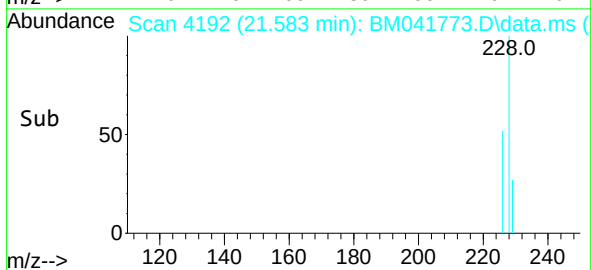
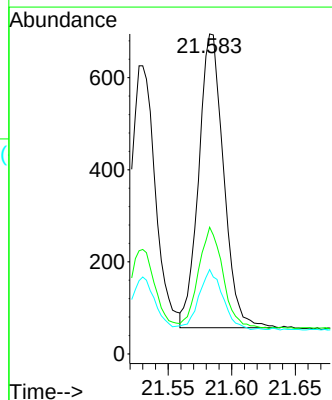
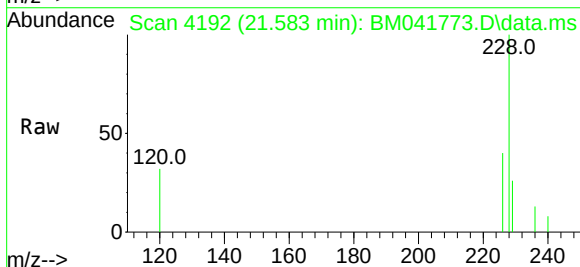
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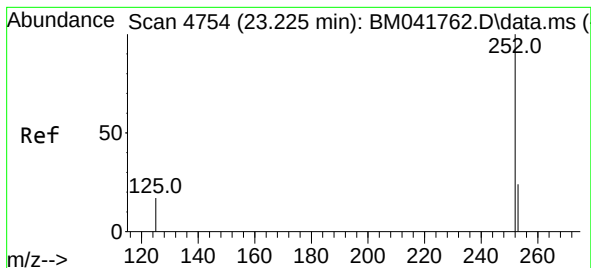
Tgt Ion:228 Resp: 795
Ion Ratio Lower Upper
228 100
229 25.4 15.8 23.6#
226 35.8 24.8 37.2



#22
Chrysene
Concen: 0.322 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. -0.003 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

Tgt Ion:228 Resp: 868
Ion Ratio Lower Upper
228 100
226 39.6 27.0 40.6
229 26.3 15.4 23.2#





#24

Benzo(b)fluoranthene

Concen: 0.334 ng/ul

RT: 23.222 min Scan# 4753

Delta R.T. -0.003 min

Lab File: BM041773.D

Acq: 10 Sep 2023 05:51

Instrument :

BNA_M

ClientSampleId :

SLCS285

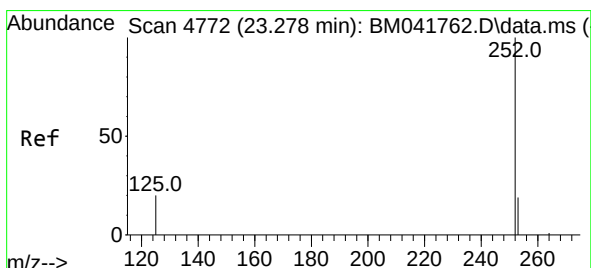
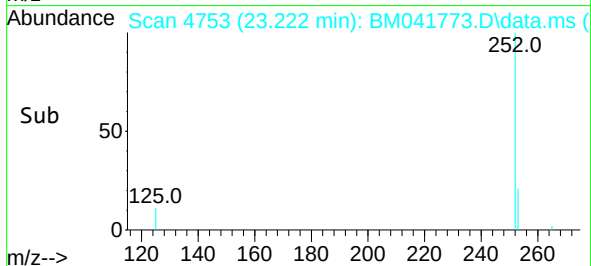
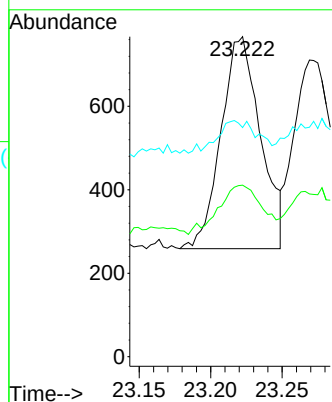
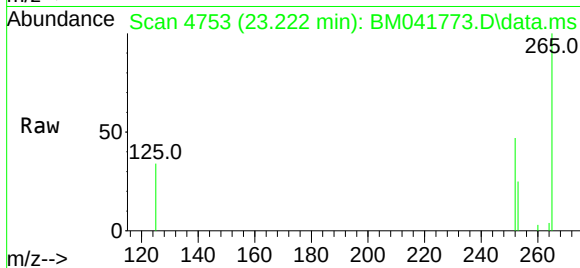
Tgt Ion:252 Resp: 978

Ion Ratio Lower Upper

252 100

253 53.6 0.0 52.4#

125 71.6 0.0 42.8#



#25

Benzo(k)fluoranthene

Concen: 0.301 ng/ul

RT: 23.269 min Scan# 4769

Delta R.T. -0.006 min

Lab File: BM041773.D

Acq: 10 Sep 2023 05:51

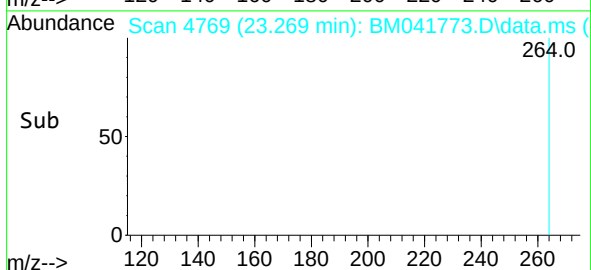
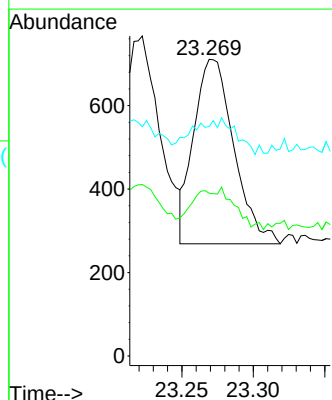
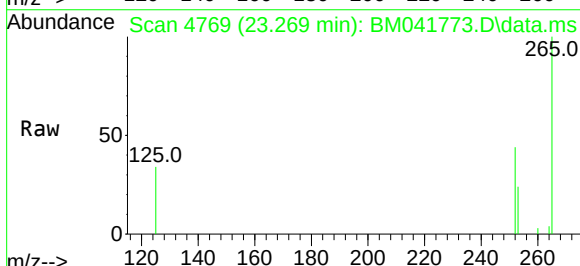
Tgt Ion:252 Resp: 863

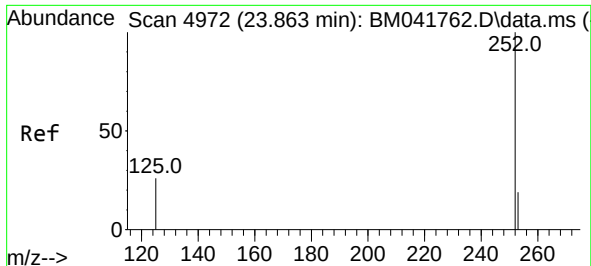
Ion Ratio Lower Upper

252 100

253 54.9 21.3 31.9#

125 77.4 17.4 26.0#

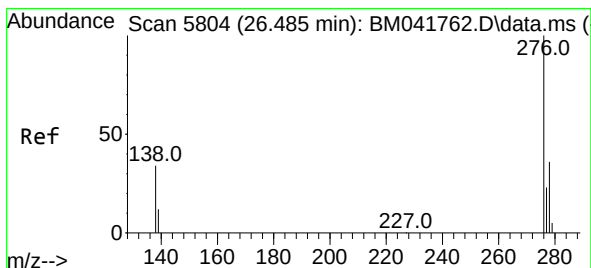
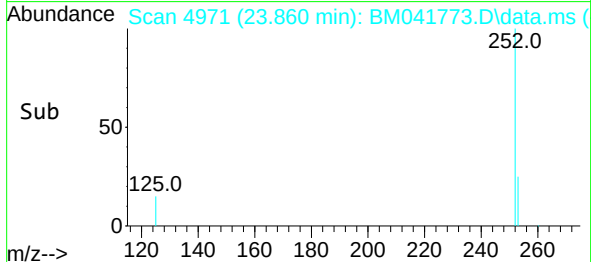
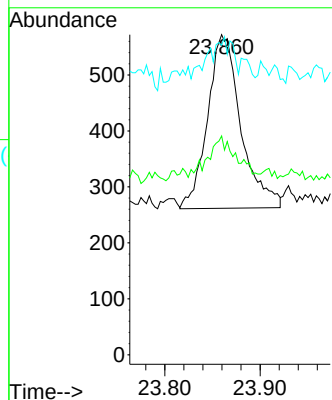
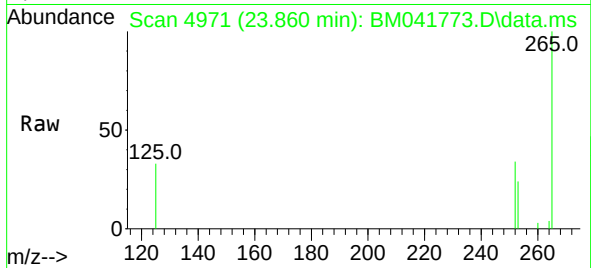




#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.860 min Scan# 4972
Delta R.T. -0.003 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

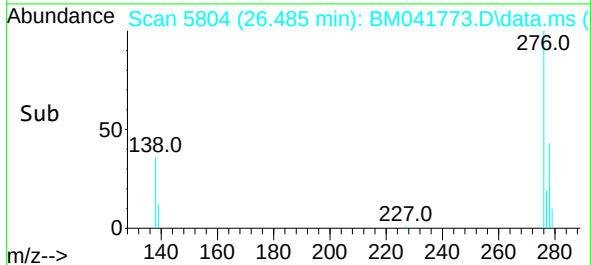
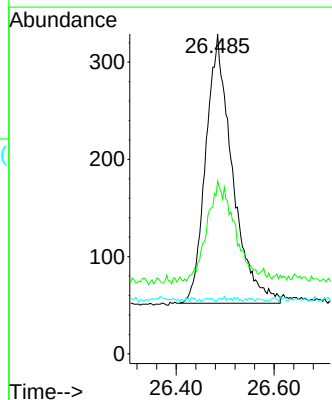
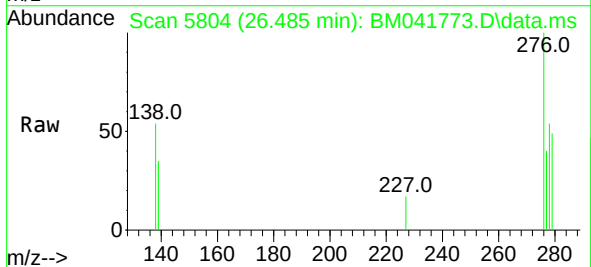
Instrument :
BNA_M
ClientSampleId :
SLCS285

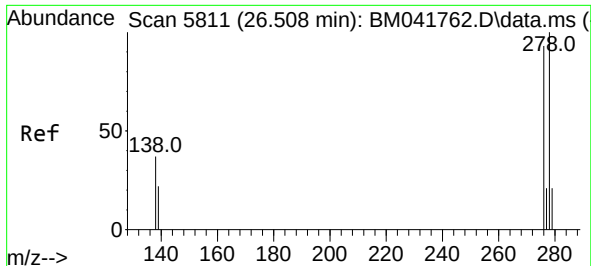
Tgt Ion:252 Resp: 756
Ion Ratio Lower Upper
252 100
253 68.4 22.4 33.6#
125 96.7 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng/ul
RT: 26.485 min Scan# 5804
Delta R.T. 0.000 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

Tgt Ion:276 Resp: 1042
Ion Ratio Lower Upper
276 100
138 37.9 26.4 39.6
227 0.2 0.1 0.1#

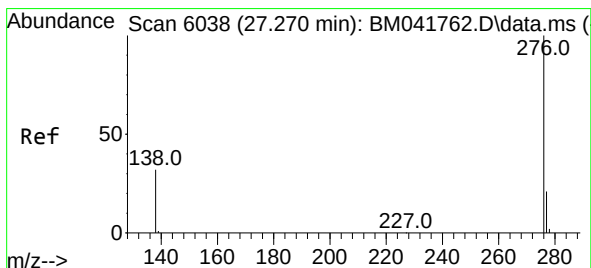
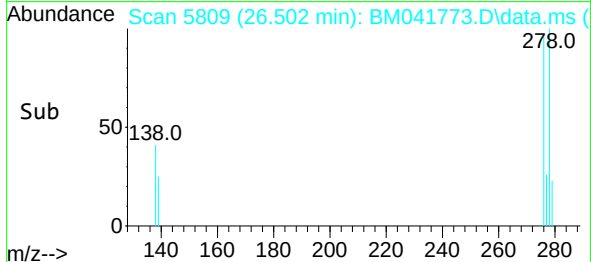
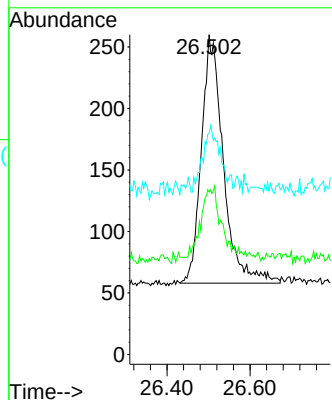
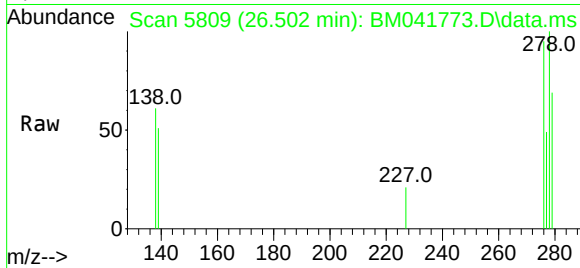




#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 26.502 min Scan# 5809
Delta R.T. -0.003 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

Instrument :
BNA_M
ClientSampleId :
SLCS285

Tgt Ion:278 Resp: 742
Ion Ratio Lower Upper
278 100
139 50.8 23.0 34.6#
279 69.2 22.9 34.3#



#29
Benzo(g,h,i)perylene
Concen: 0.344 ng/ul
RT: 27.256 min Scan# 6034
Delta R.T. -0.010 min
Lab File: BM041773.D
Acq: 10 Sep 2023 05:51

Tgt Ion:276 Resp: 993
Ion Ratio Lower Upper
276 100
138 51.6 25.0 37.4#
277 43.2 20.2 30.2#

