

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Quant Time: Sep 26 02:20:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

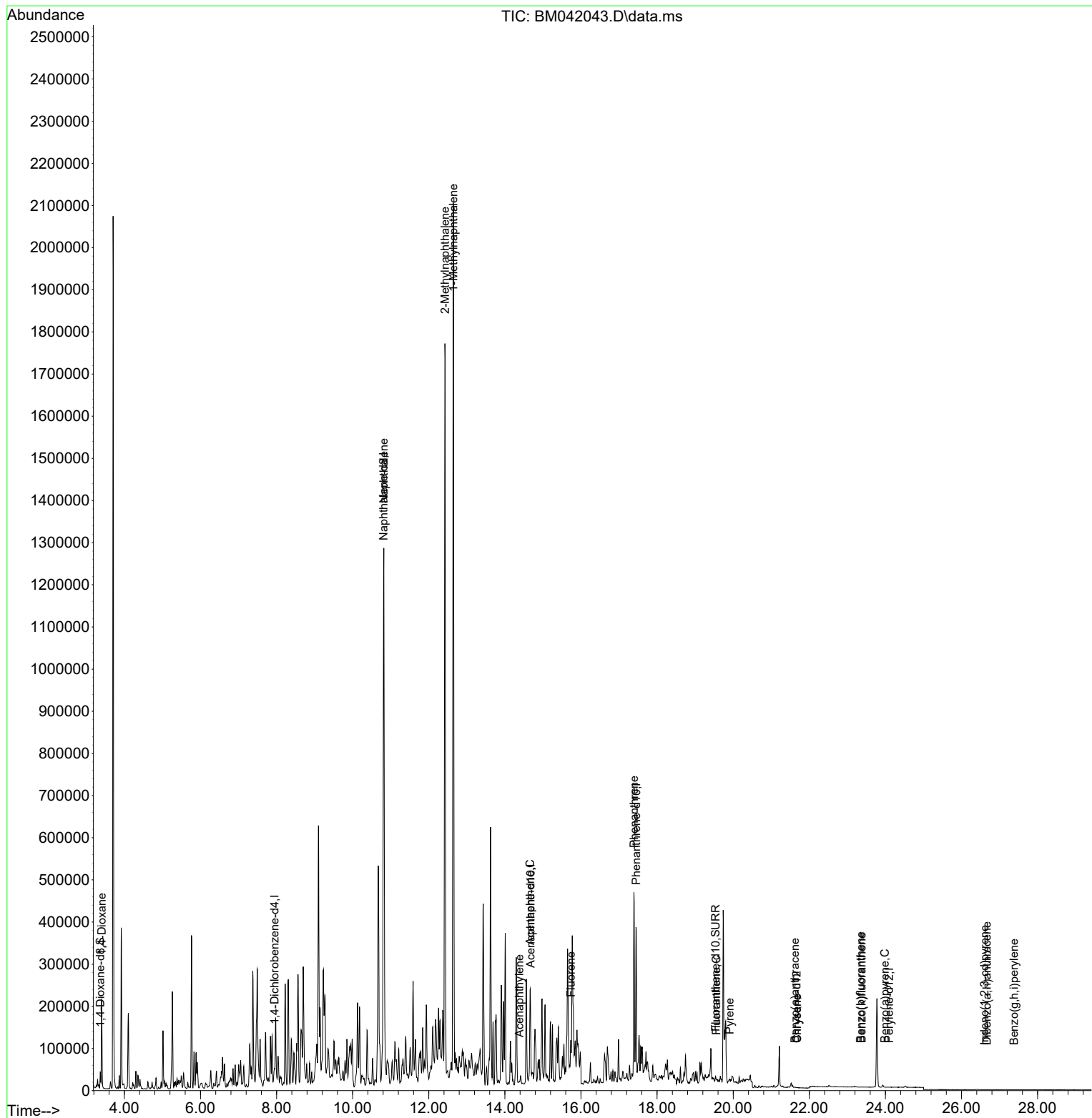
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4677	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.812	136	231998	0.400	ng/ul	# 0.04
9) Acenaphthene-d10	14.675	164	3642	0.400	ng/ul	# 0.07
13) Phenanthrene-d10	17.451	188	382421	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.667	240	31	0.400	ng/ul	# 0.14
23) Perylene-d12	24.099	264	4	0.400	ng/ul	# 0.16
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	21399	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	4923	0.017	ng/ul	0.00
18) Fluoranthene-d10	19.538	212	1920	15.042	ng/ul	0.16
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	125782	18.758	ng/ul#	85
5) Naphthalene	10.818	128	1569278	2.019	ng/ul	99
7) 2-Methylnaphthalene	12.429	142	1274233	2.750	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	1425723	3.031	ng/ul	98
10) Acenaphthylene	14.379	152	3080	0.126	ng/ul#	1
11) Acenaphthene	14.662	153	98652	5.275	ng/ul	90
12) Fluorene	15.735	166	4954	0.235	ng/ul#	1
15) Phenanthrene	17.392	178	463722	0.261	ng/ul	98
19) Fluoranthene	19.557	202	4156	11.861	ng/ul#	1
20) Pyrene	19.905	202	9269	26.907	ng/ul#	21
21) Benzo(a)anthracene	21.621	228	258	1.098	ng/ul#	1
22) Chrysene	21.679	228	532	2.191	ng/ul#	1
24) Benzo(b)fluoranthene	23.342	252	9	0.292	ng/ul#	1
25) Benzo(k)fluoranthene	23.380	252	296	9.888	ng/ul#	1
26) Benzo(a)pyrene	23.985	252	425	16.792	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.602	276	16	0.460	ng/ul#	74
28) Dibenzo(a,h)anthracene	26.666	278	7	0.279	ng/ul#	1
29) Benzo(g,h,i)perylene	27.380	276	10	0.342	ng/ul#	1

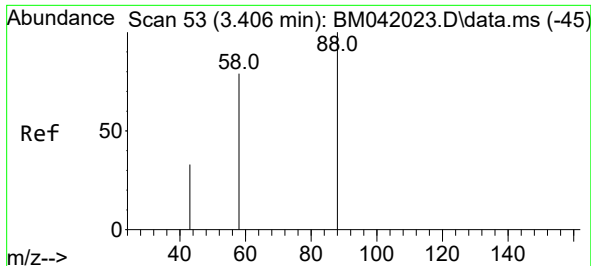
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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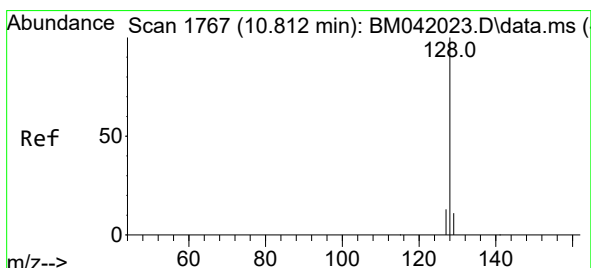
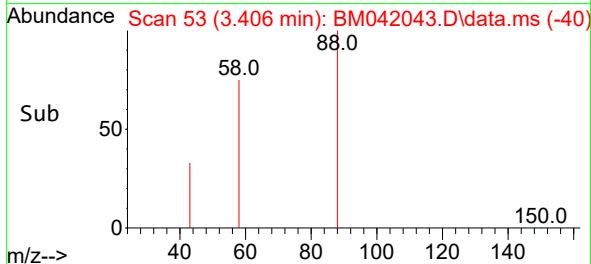
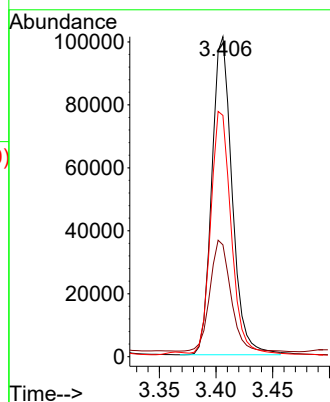
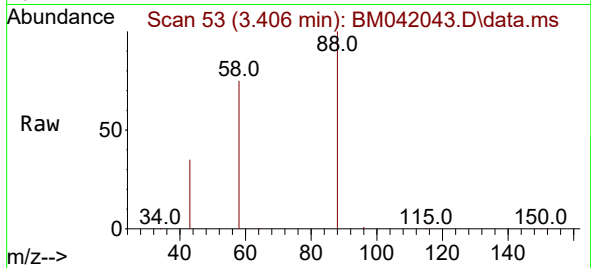




#2
1,4-Dioxane
Concen: 18.758 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

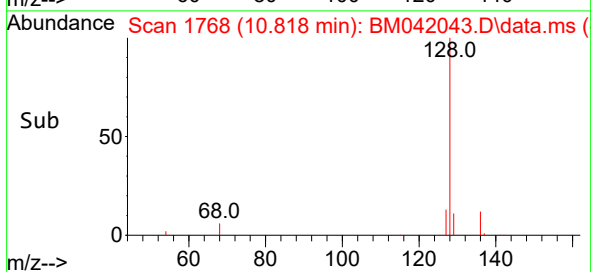
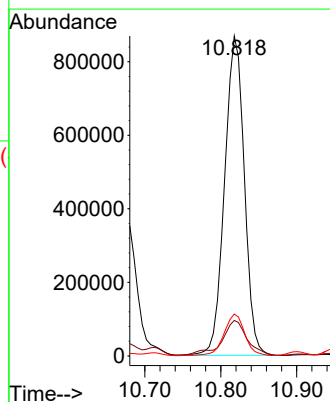
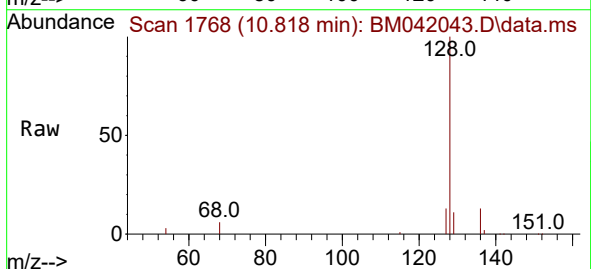
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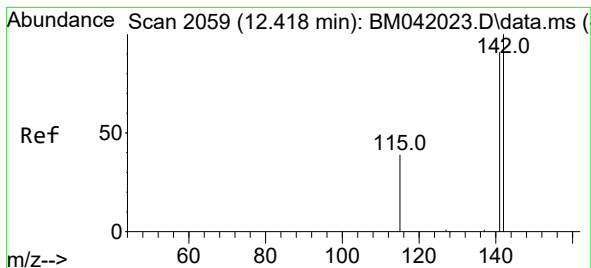
Tgt Ion: 88 Resp: 125782
Ion Ratio Lower Upper
88 100
43 35.0 42.9 64.3#
58 75.4 56.4 84.6



#5
Naphthalene
Concen: 2.019 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

Tgt Ion:128 Resp: 1569278
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.1 10.8 16.2

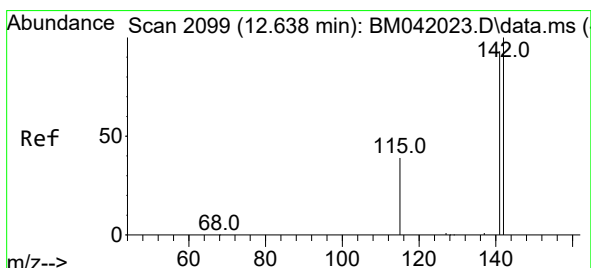
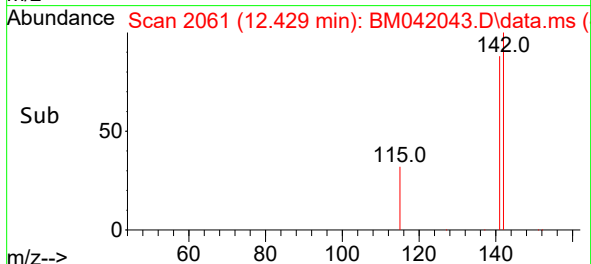
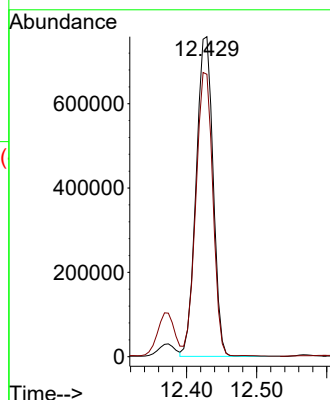
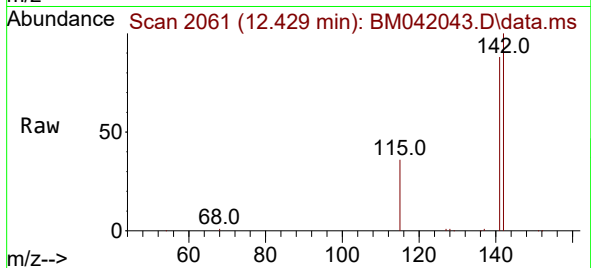




#7
2-Methylnaphthalene
Concen: 2.750 ng/ul
RT: 12.429 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

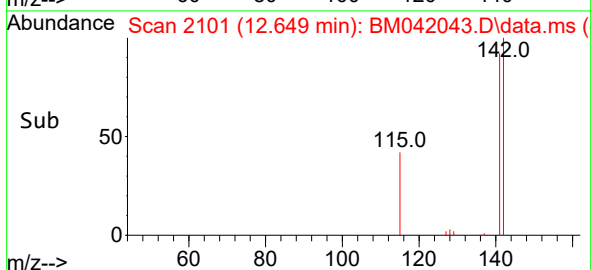
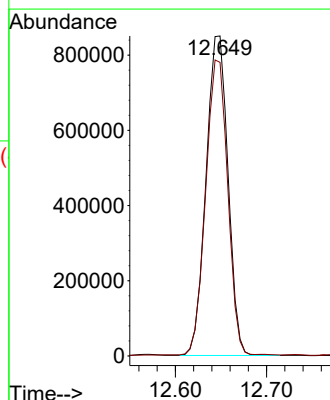
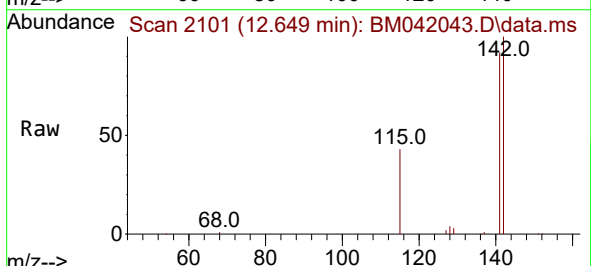
Instrument :
BNA_M
ClientSampleId :
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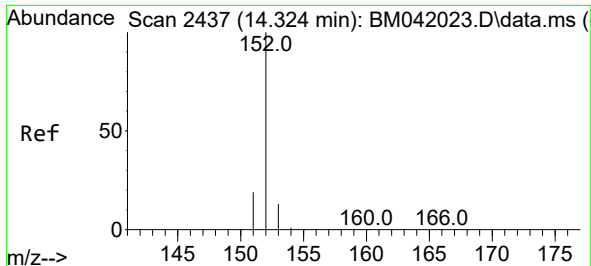
Tgt Ion:142 Resp: 1274233
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1



#8
1-Methylnaphthalene
Concen: 3.031 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

Tgt Ion:142 Resp: 1425723
Ion Ratio Lower Upper
142 100
141 92.3 75.1 112.7

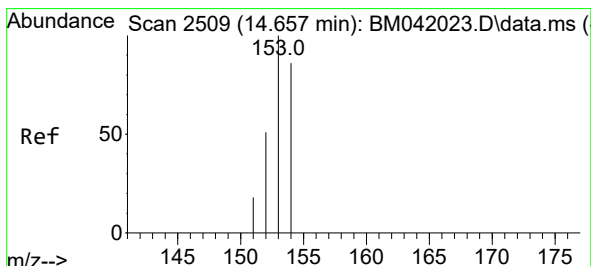
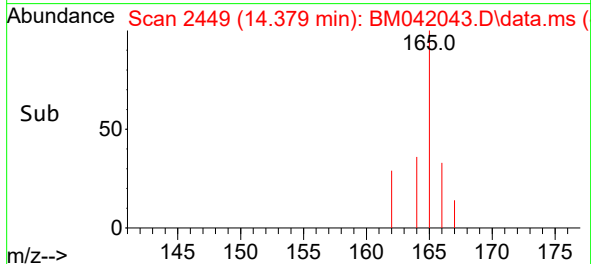
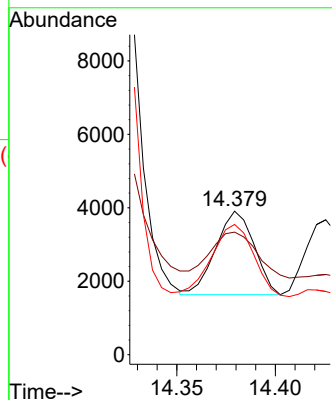
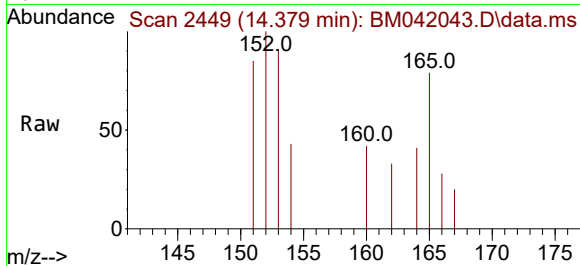




#10
 Acenaphthylene
 Concen: 0.126 ng/ul
 RT: 14.379 min Scan# 2437
 Delta R.T. 0.051 min
 Lab File: BM042043.D
 Acq: 25 Sep 2023 21:36

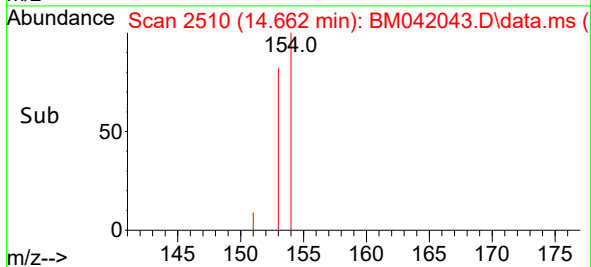
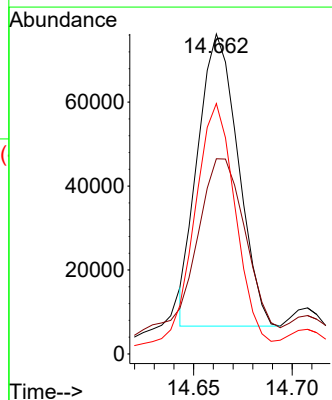
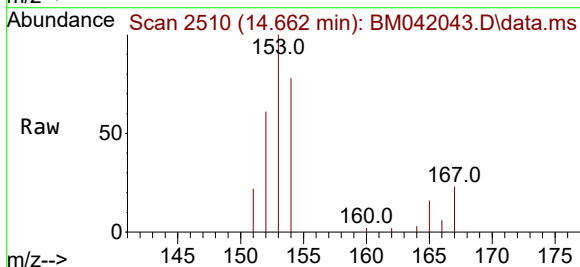
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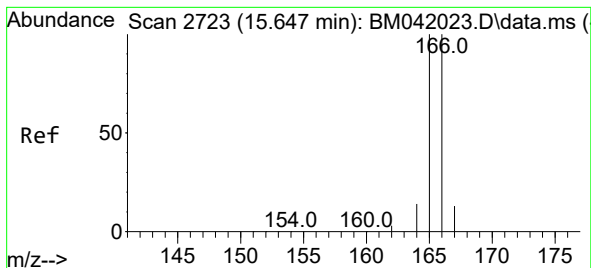
Tgt Ion:152 Resp: 3080
 Ion Ratio Lower Upper
 152 100
 151 85.4 16.2 24.4#
 153 90.7 10.8 16.2#



#11
 Acenaphthene
 Concen: 5.275 ng/ul
 RT: 14.662 min Scan# 2510
 Delta R.T. 0.000 min
 Lab File: BM042043.D
 Acq: 25 Sep 2023 21:36

Tgt Ion:153 Resp: 98652
 Ion Ratio Lower Upper
 153 100
 152 61.0 41.8 62.8
 154 78.3 69.0 103.6





#12

Fluorene

Concen: 0.235 ng/ul

RT: 15.735 min Scan# 21

Delta R.T. 0.083 min

Lab File: BM042043.D

Acq: 25 Sep 2023 21:36

Instrument :

BNA_M

ClientSampleId :

BBHJ4

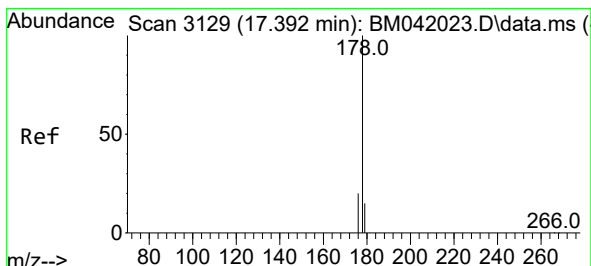
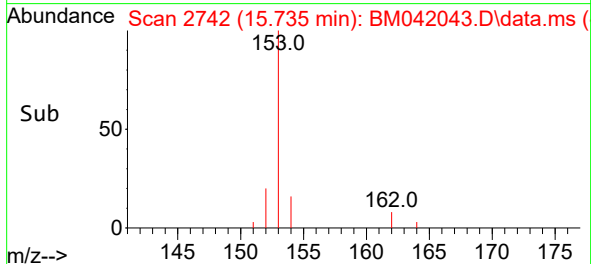
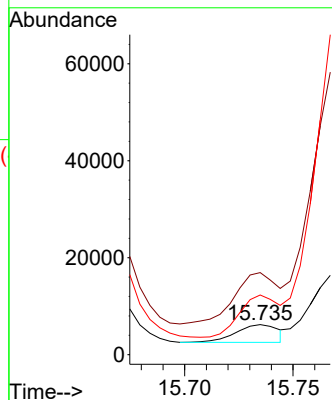
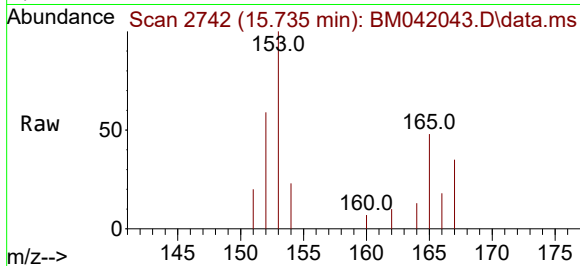
Tgt Ion:166 Resp: 4954

Ion Ratio Lower Upper

166 100

165 272.4 79.8 119.8#

167 198.1 11.1 16.7#



#15

Phenanthrene

Concen: 0.261 ng/ul

RT: 17.392 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BM042043.D

Acq: 25 Sep 2023 21:36

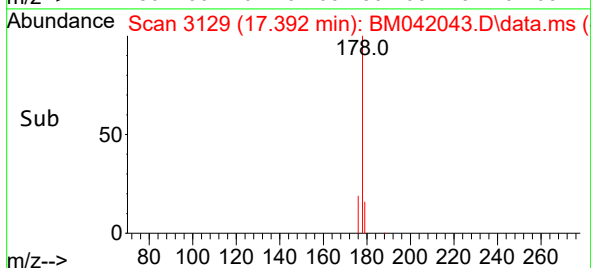
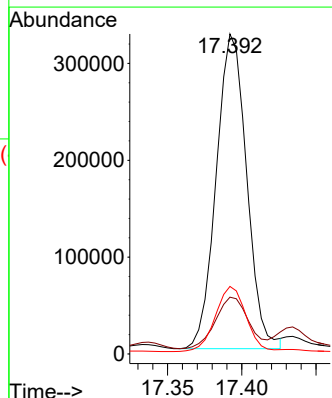
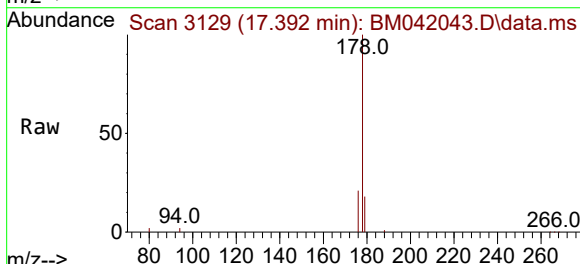
Tgt Ion:178 Resp: 463722

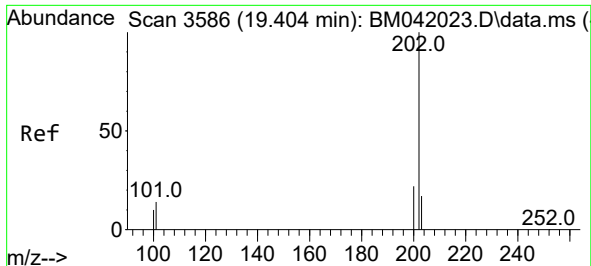
Ion Ratio Lower Upper

178 100

179 17.7 12.7 19.1

176 21.1 16.6 24.8

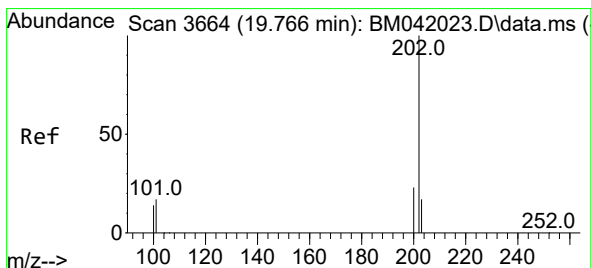
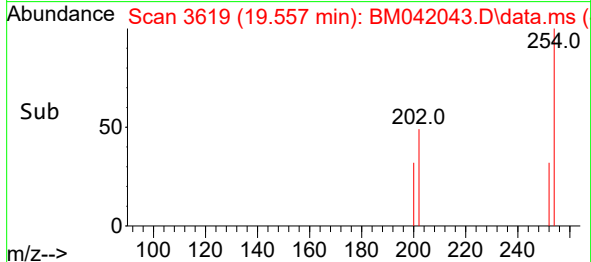
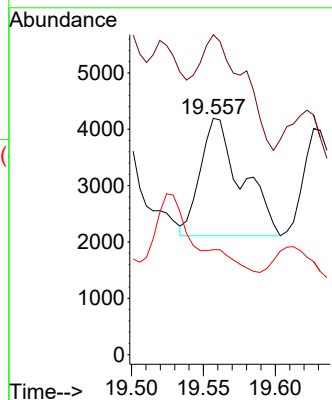
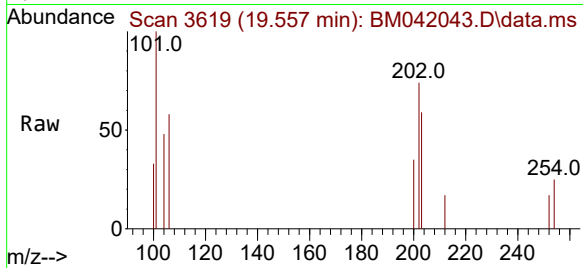




#19
Fluoranthene
Concen: 11.861 ng/ul
RT: 19.557 min Scan# 3619
Delta R.T. 0.154 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

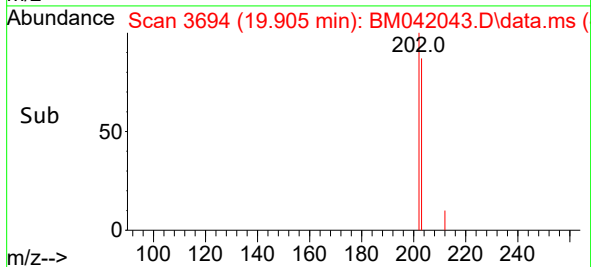
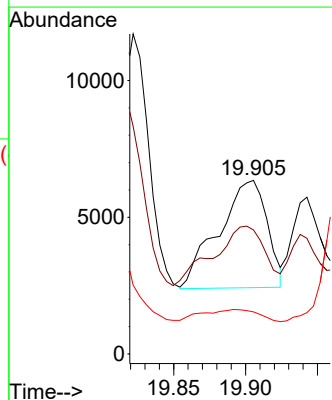
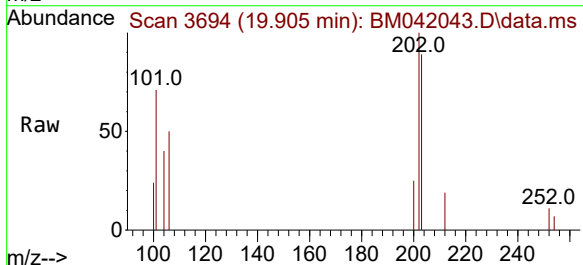
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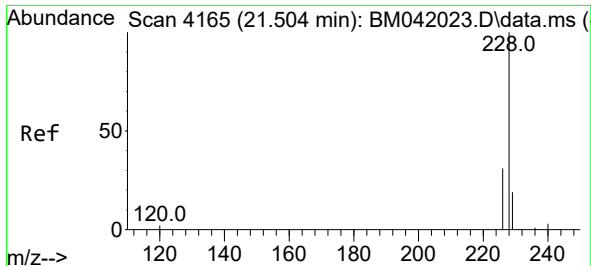
Tgt Ion:202 Resp: 4156
Ion Ratio Lower Upper
202 100
101 135.4 11.8 17.6#
100 44.4 9.1 13.7#



#20
Pyrene
Concen: 26.907 ng/ul
RT: 19.905 min Scan# 3694
Delta R.T. 0.135 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

Tgt Ion:202 Resp: 9269
Ion Ratio Lower Upper
202 100
101 71.4 14.1 21.1#
100 24.2 11.4 17.0#

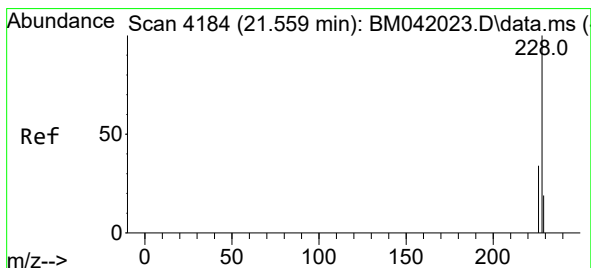
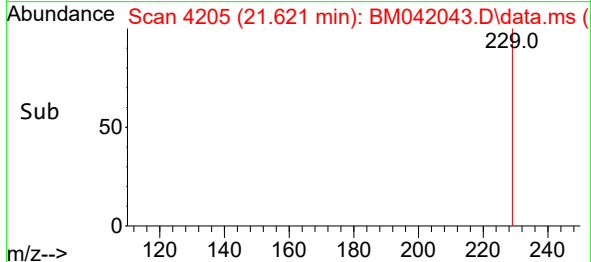
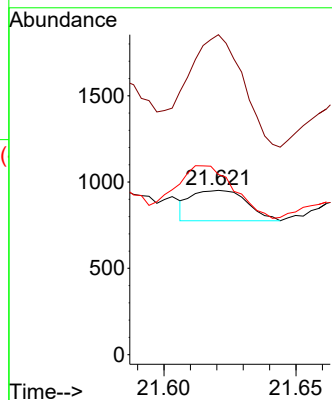
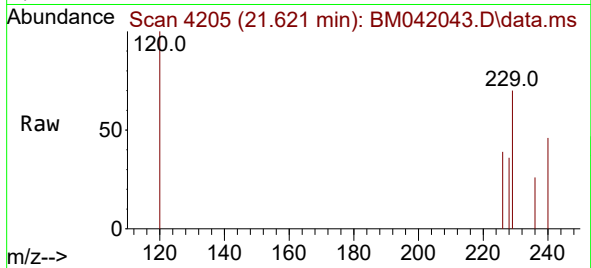




#21
Benzo(a)anthracene
Concen: 1.098 ng/ul
RT: 21.621 min Scan# 4165
Delta R.T. 0.114 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

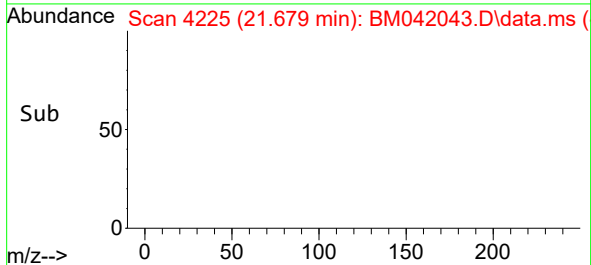
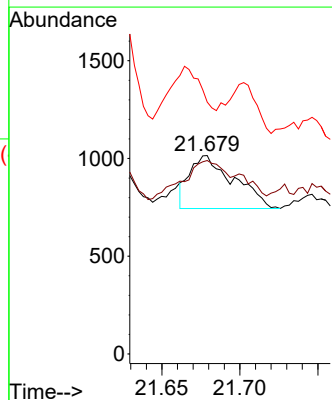
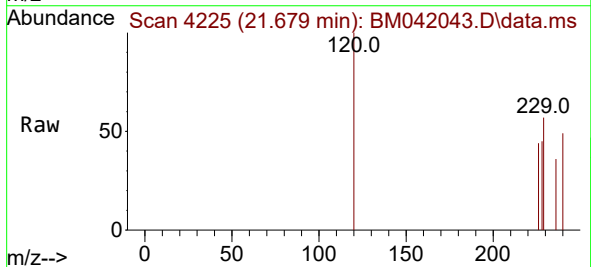
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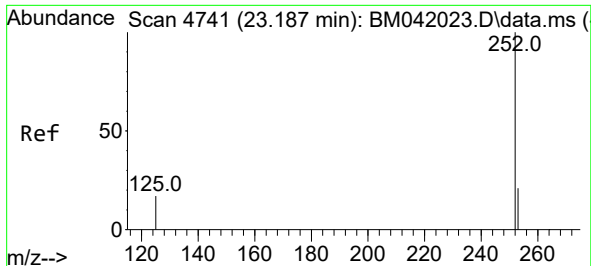
Tgt Ion:228 Resp: 258
Ion Ratio Lower Upper
228 100
229 194.7 15.5 23.3#
226 109.7 24.8 37.2#



#22
Chrysene
Concen: 2.191 ng/ul
RT: 21.679 min Scan# 4225
Delta R.T. 0.117 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

Tgt Ion:228 Resp: 532
Ion Ratio Lower Upper
228 100
226 97.5 27.8 41.6#
229 126.9 15.6 23.4#

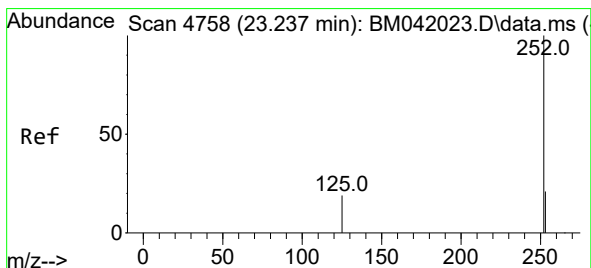
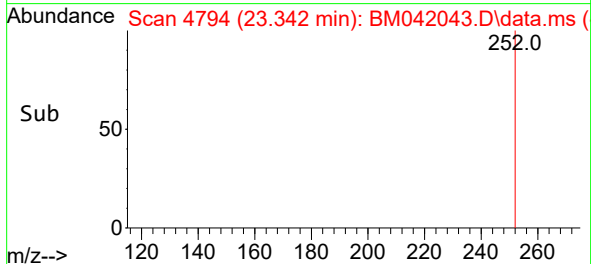
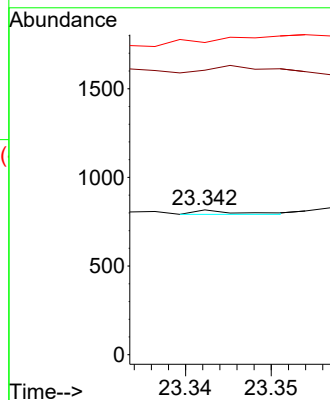
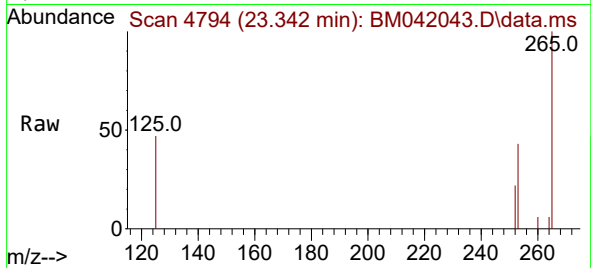




#24
Benzo(b)fluoranthene
Concen: 0.292 ng/ul
RT: 23.342 min Scan# 41
Delta R.T. 0.152 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

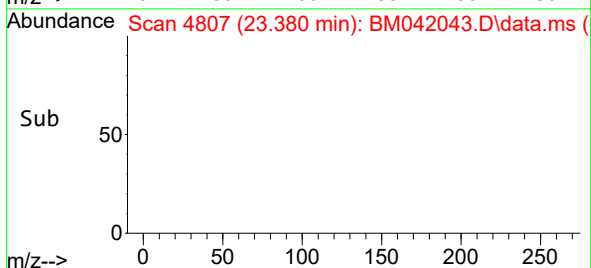
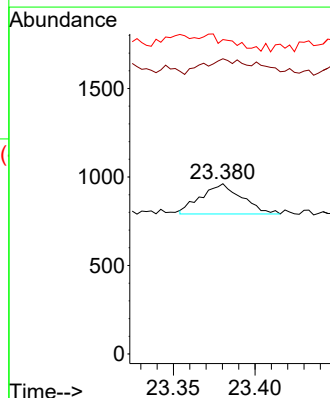
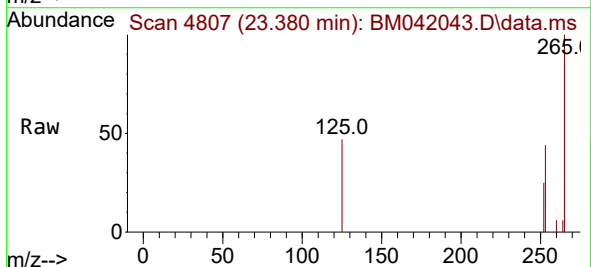
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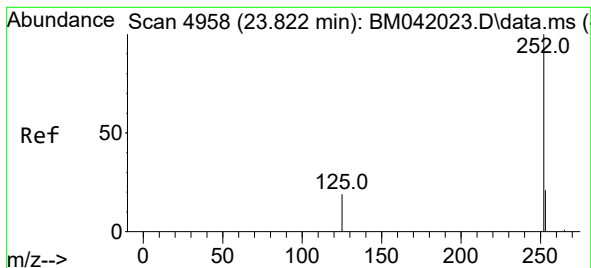
Tgt Ion:252 Resp: 9
Ion Ratio Lower Upper
252 100
253 196.5 0.0 54.4#
125 215.5 0.0 46.2#



#25
Benzo(k)fluoranthene
Concen: 9.888 ng/ul
RT: 23.380 min Scan# 4807
Delta R.T. 0.140 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

Tgt Ion:252 Resp: 296
Ion Ratio Lower Upper
252 100
253 173.4 21.0 31.6#
125 184.6 19.0 28.6#





#26

Benzo(a)pyrene

Concen: 16.792 ng/ul

RT: 23.985 min Scan# 5014

Delta R.T. 0.158 min

Lab File: BM042043.D

Acq: 25 Sep 2023 21:36

Instrument :

BNA_M

ClientSampleId :

BBHJ4

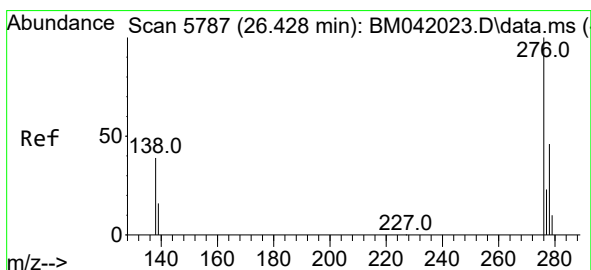
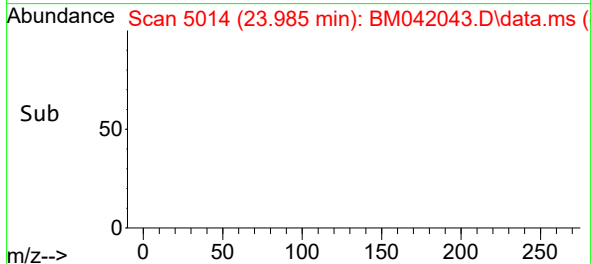
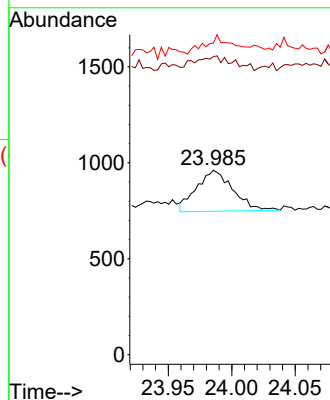
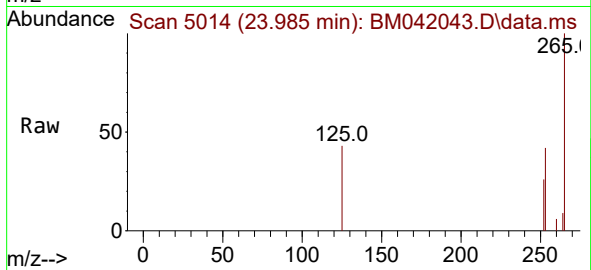
Tgt Ion:252 Resp: 425

Ion Ratio Lower Upper

252 100

253 161.4 23.2 34.8#

125 168.8 22.5 33.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.460 ng/ul

RT: 26.602 min Scan# 5839

Delta R.T. 0.171 min

Lab File: BM042043.D

Acq: 25 Sep 2023 21:36

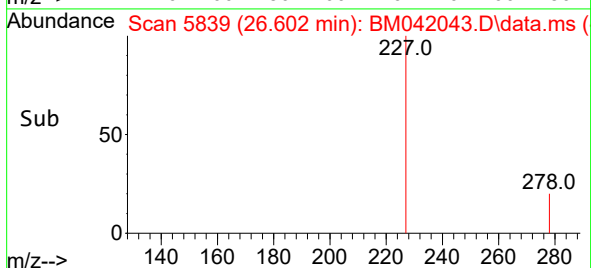
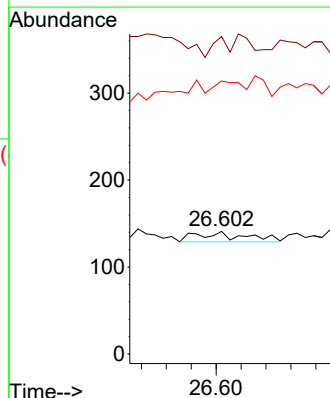
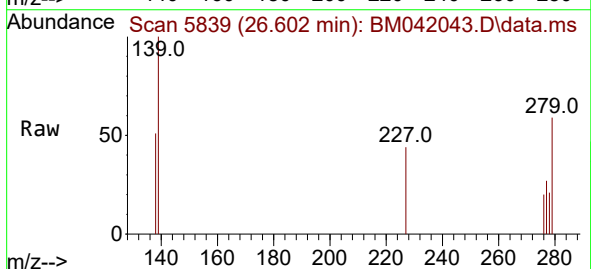
Tgt Ion:276 Resp: 16

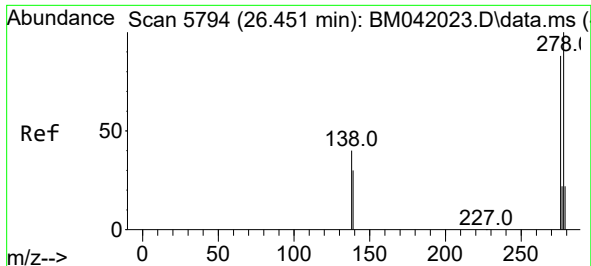
Ion Ratio Lower Upper

276 100

138 56.3 32.1 48.1#

227 62.5 0.2 0.2#

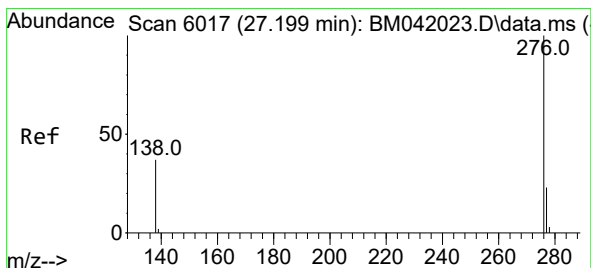
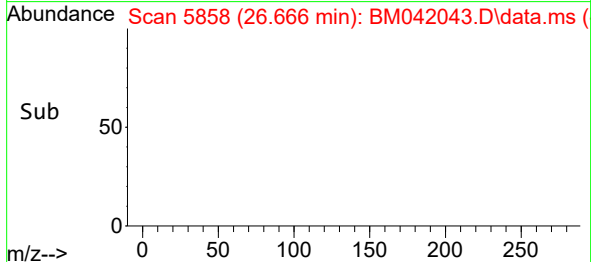
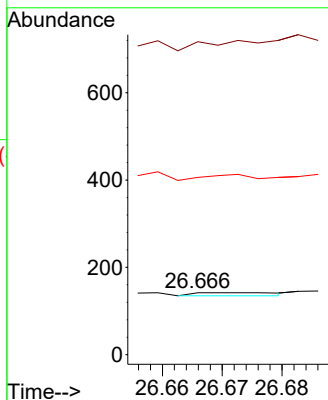
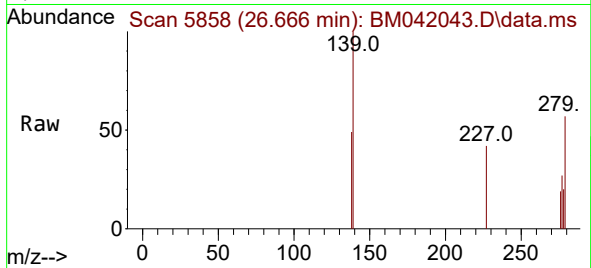




#28
Dibenzo(a,h)anthracene
Concen: 0.279 ng/ul
RT: 26.666 min Scan# 5858
Delta R.T. 0.215 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Tgt Ion:278 Resp: 7
Ion Ratio Lower Upper
278 100
139 504.9 25.0 37.6#
279 285.9 21.7 32.5#



#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 27.380 min Scan# 6071
Delta R.T. 0.171 min
Lab File: BM042043.D
Acq: 25 Sep 2023 21:36

Tgt Ion:276 Resp: 10
Ion Ratio Lower Upper
276 100
138 257.5 29.0 43.4#
277 143.3 19.6 29.4#

