

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BMCCC42.D
 Acq On : 20 Jun 2022 20:18
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

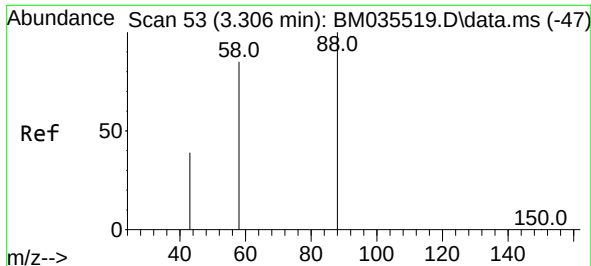
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 21 01:29:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	3029	0.400	ng/ul	0.03
4) Naphthalene-d8	10.661	136	11889	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.478	164	5518	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.242	188	10819	0.400	ng/ul	0.01
17) Chrysene-d12	21.412	240	9982	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	9511	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	2080	0.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	6558	0.371	ng/ul	0.02
18) Fluoranthene-d10	19.261	212	11771	0.351	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.306	88	2030	0.478	ng/ul#	73
5) Naphthalene	10.710	128	13270	0.330	ng/ul	99
7) 2-Methylnaphthalene	12.338	142	7505	0.326	ng/ul	99
8) 1-Methylnaphthalene	12.536	142	7625	0.361	ng/ul	100
10) Acenaphthylene	14.210	152	11876	0.382	ng/ul	99
11) Acenaphthene	14.543	153	8905	0.387	ng/ul	98
12) Fluorene	15.556	166	9602	0.369	ng/ul	100
14) Pentachlorophenol	16.954	266	656	0.316	ng/ul	95
15) Phenanthrene	17.284	178	14201	0.358	ng/ul	99
16) Anthracene	17.389	178	11790	0.340	ng/ul	99
19) Fluoranthene	19.289	202	16172	0.317	ng/ul	99
20) Pyrene	19.652	202	17906	0.335	ng/ul	99
21) Benzo(a)anthracene	21.403	228	12160	0.322	ng/ul	99
22) Chrysene	21.447	228	16025	0.357	ng/ul	100
24) Benzo(b)fluoranthene	23.049	252	14527	0.349	ng/ul	100
25) Benzo(k)fluoranthene	23.093	252	14924	0.345	ng/ul	100
26) Benzo(a)pyrene	23.663	252	15552	0.360	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.209	276	18620	0.374	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.226	278	15201	0.374	ng/ul	99
29) Benzo(g,h,i)perylene	26.940	276	17313	0.389	ng/ul	99

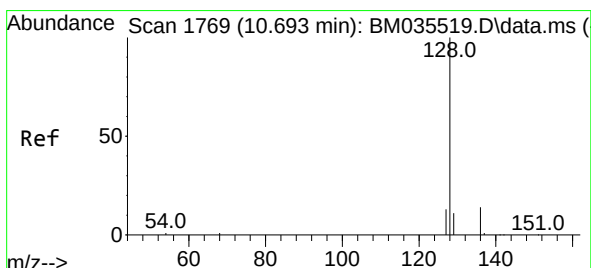
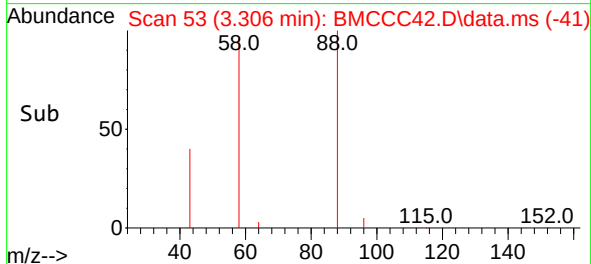
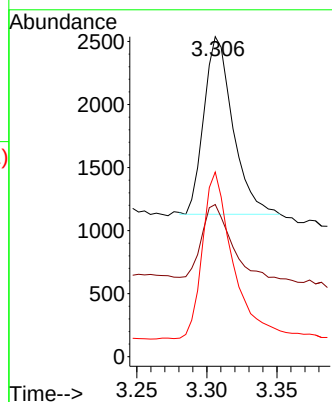
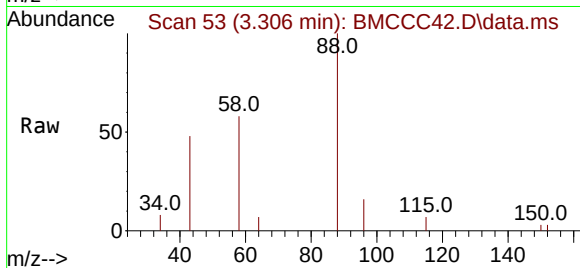
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.478 ng/ul
RT: 3.306 min Scan# 51
Delta R.T. 0.000 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

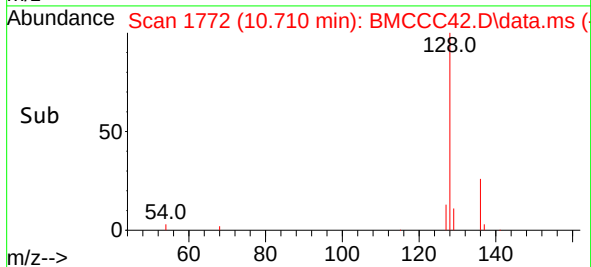
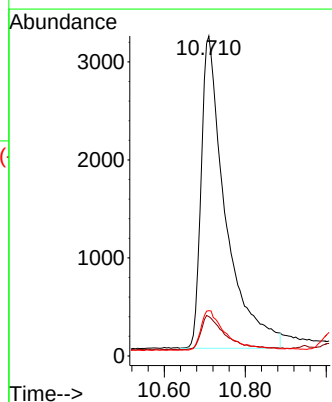
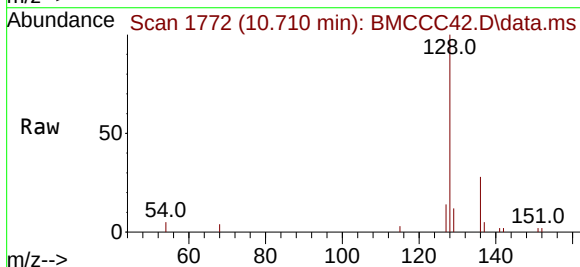
Instrument :
BNA_M
ClientSampleId :

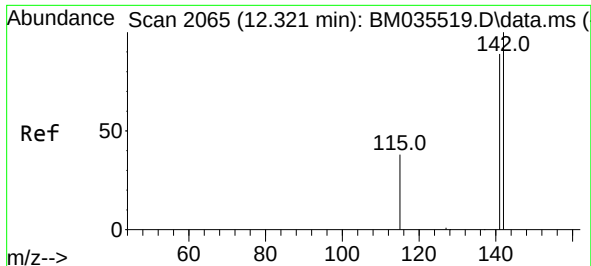
Tgt Ion: 88 Resp: 2030
Ion Ratio Lower Upper
88 100
43 47.6 70.4 105.6#
58 57.7 45.6 68.4



#5
Naphthalene
Concen: 0.330 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. 0.017 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

Tgt Ion: 128 Resp: 13270
Ion Ratio Lower Upper
128 100
129 12.3 10.1 15.1
127 14.2 11.4 17.2

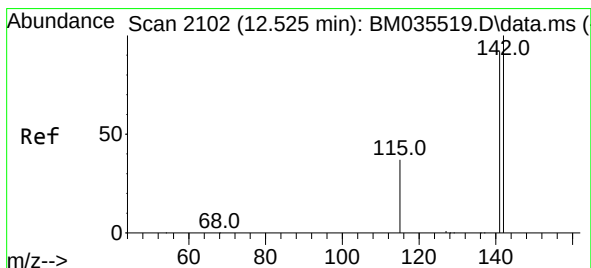
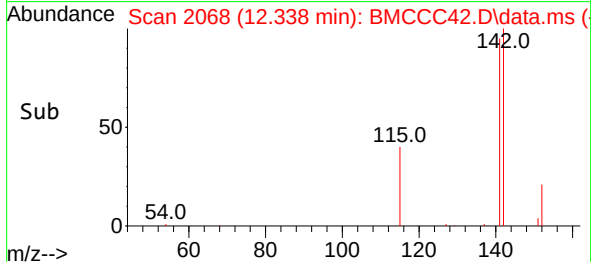
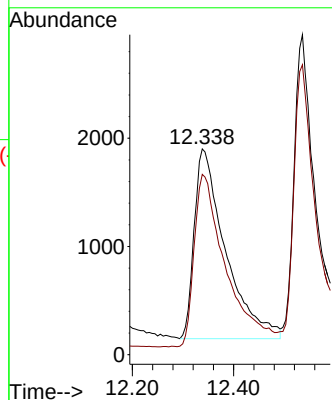
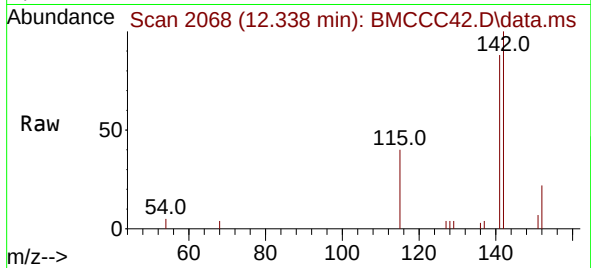




#7
2-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.338 min Scan# 2068
Delta R.T. 0.017 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

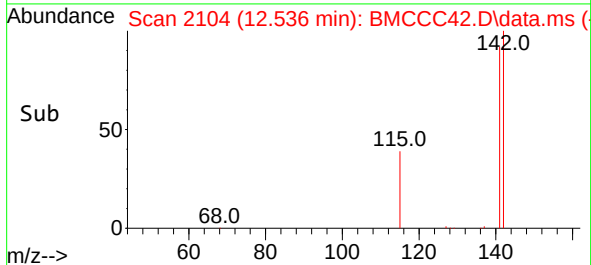
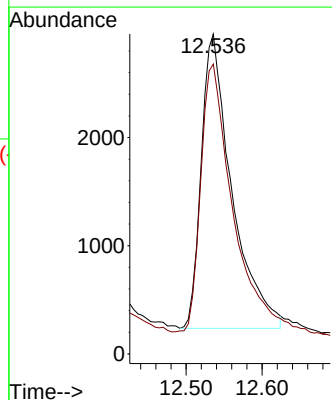
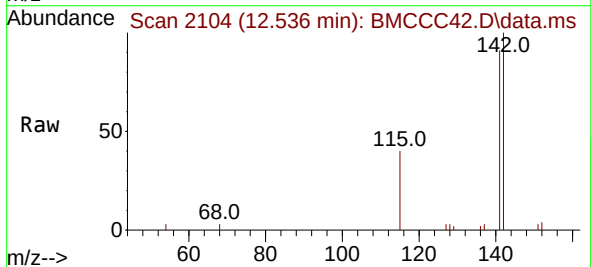
Instrument :
BNA_M
ClientSampleId :

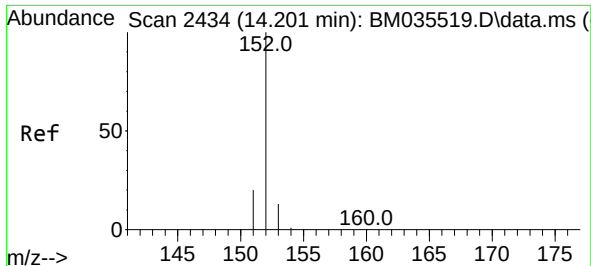
Tgt Ion:142 Resp: 7505
Ion Ratio Lower Upper
142 100
141 93.4 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.536 min Scan# 2104
Delta R.T. 0.011 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

Tgt Ion:142 Resp: 7625
Ion Ratio Lower Upper
142 100
141 93.5 74.6 111.8

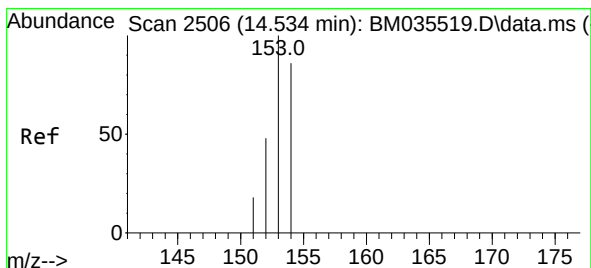
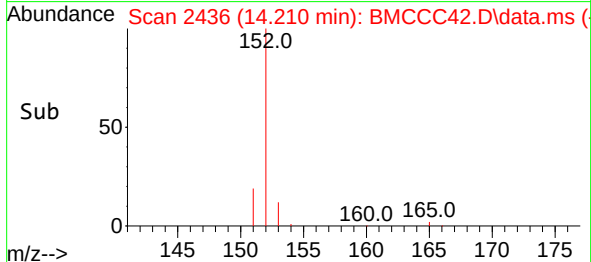
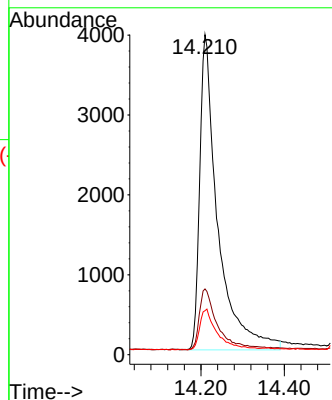
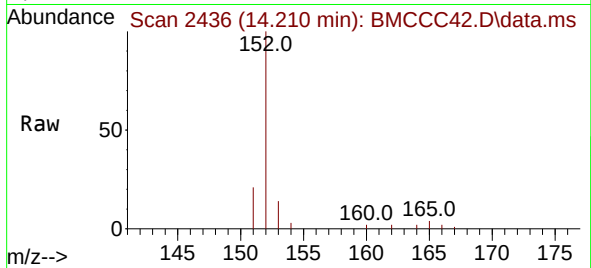




#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.210 min Scan# 2436
Delta R.T. 0.008 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

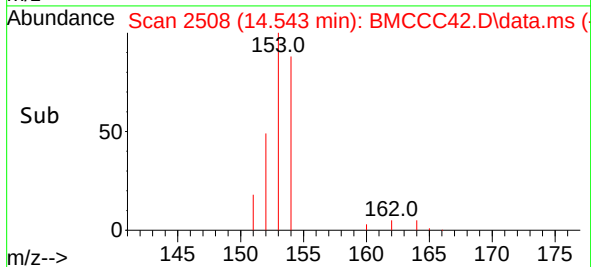
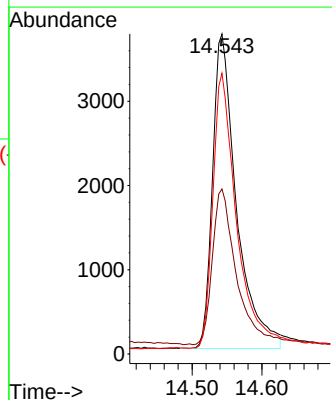
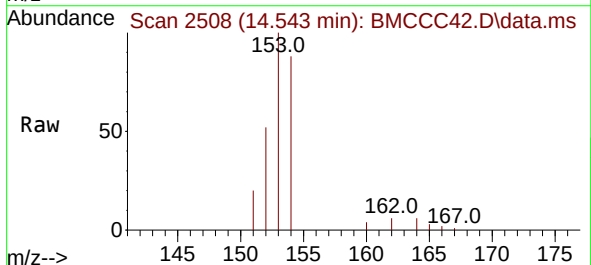
Instrument :
BNA_M
ClientSampleId :

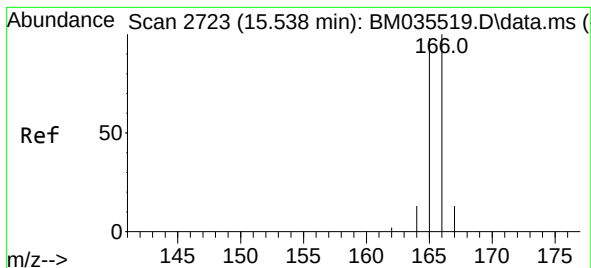
Tgt Ion:152 Resp: 11876
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.543 min Scan# 2508
Delta R.T. 0.008 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

Tgt Ion:153 Resp: 8905
Ion Ratio Lower Upper
153 100
152 51.5 40.0 60.0
154 87.7 69.1 103.7





#12

Fluorene

Concen: 0.369 ng/ul

RT: 15.556 min Scan# 21

Delta R.T. 0.018 min

Lab File: BMCCC42.D

Acq: 20 Jun 2022 20:18

Instrument :

BNA_M

ClientSampleId :

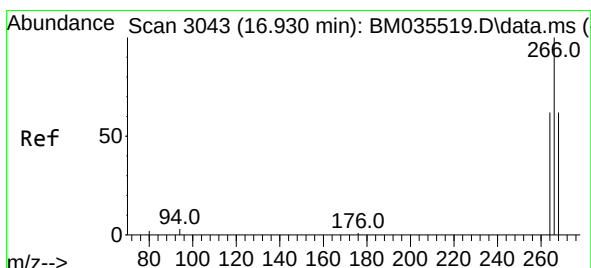
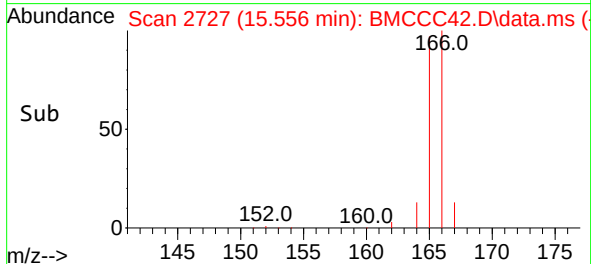
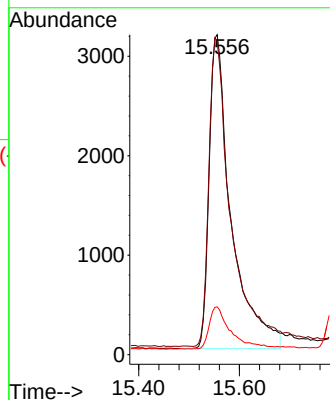
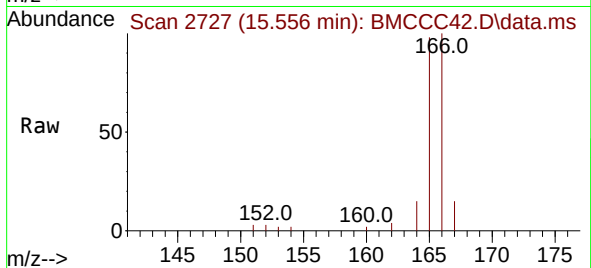
Tgt Ion:166 Resp: 9602

Ion Ratio Lower Upper

166 100

165 98.0 78.7 118.1

167 14.9 11.6 17.4



#14

Pentachlorophenol

Concen: 0.316 ng/ul

RT: 16.954 min Scan# 3049

Delta R.T. 0.024 min

Lab File: BMCCC42.D

Acq: 20 Jun 2022 20:18

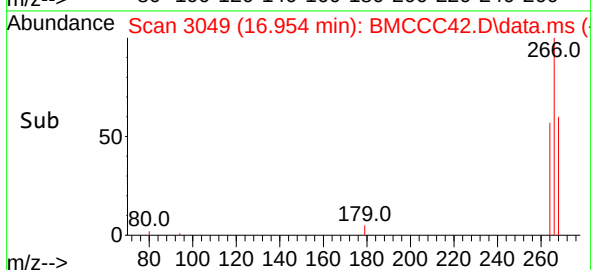
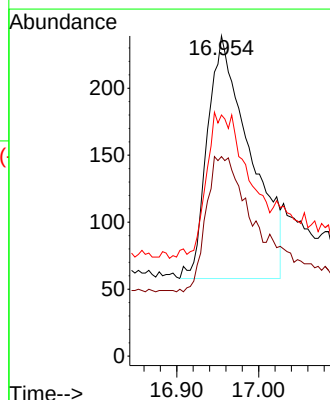
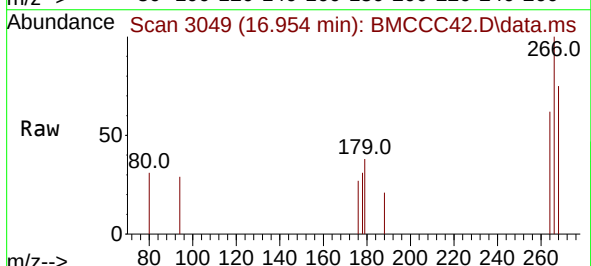
Tgt Ion:266 Resp: 656

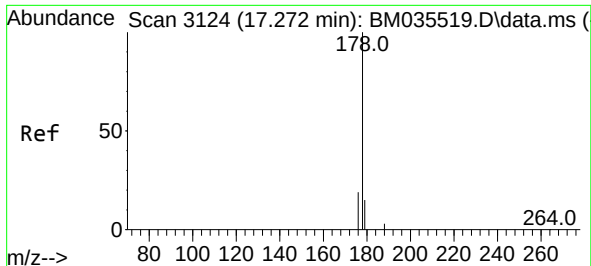
Ion Ratio Lower Upper

266 100

264 59.8 51.0 76.4

268 60.5 51.7 77.5

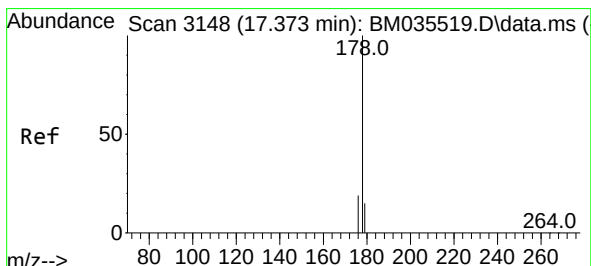
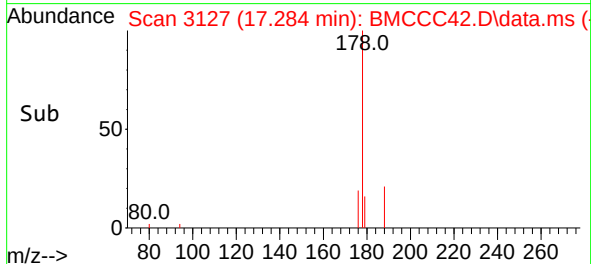
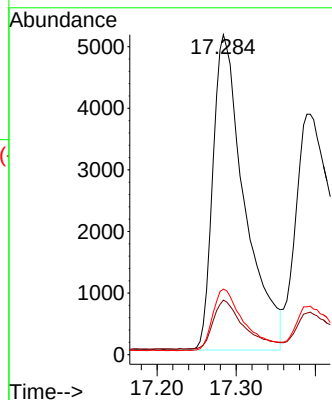
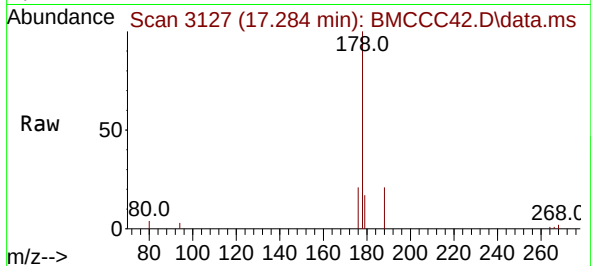




#15
Phenanthrene
Concen: 0.358 ng/u1
RT: 17.284 min Scan# 3127
Delta R.T. 0.012 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

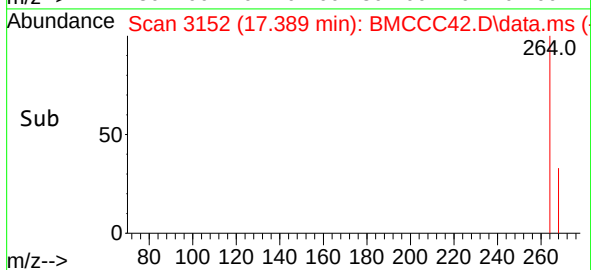
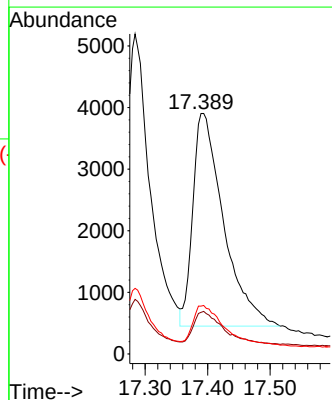
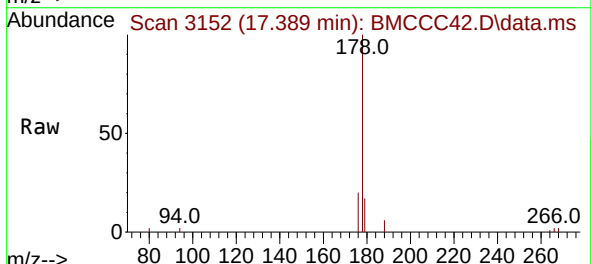
Instrument :
BNA_M
ClientSampleId :

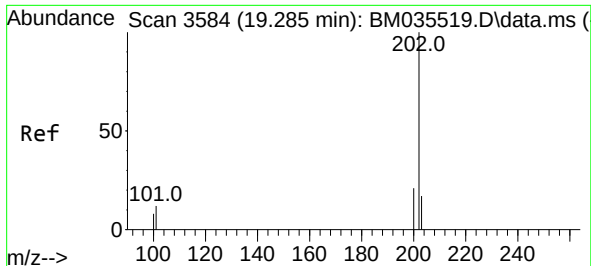
Tgt Ion:178 Resp: 14201
Ion Ratio Lower Upper
178 100
179 17.0 13.2 19.8
176 20.5 16.2 24.4



#16
Anthracene
Concen: 0.340 ng/u1
RT: 17.389 min Scan# 3152
Delta R.T. 0.016 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

Tgt Ion:178 Resp: 11790
Ion Ratio Lower Upper
178 100
179 17.3 13.4 20.0
176 19.9 15.9 23.9

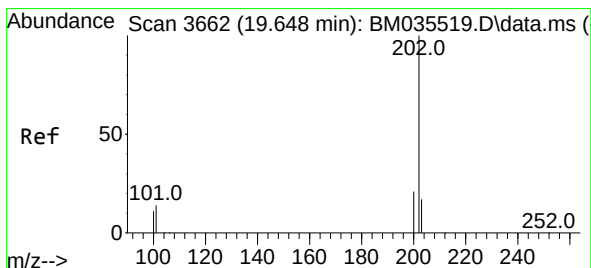
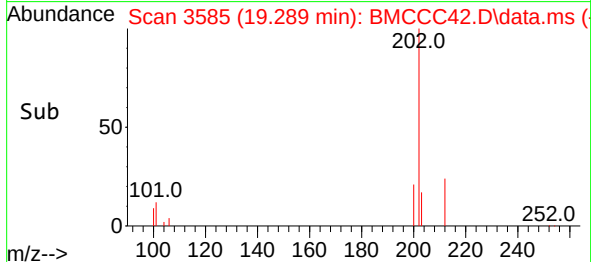
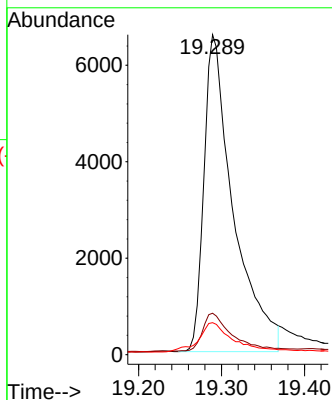
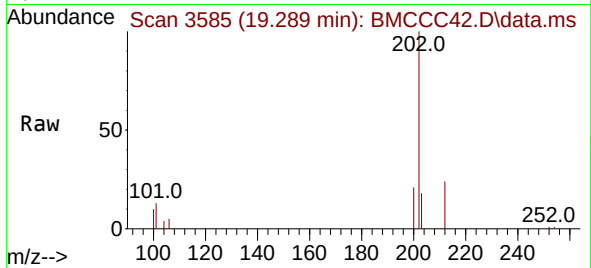




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.289 min Scan# 3584
Delta R.T. 0.004 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

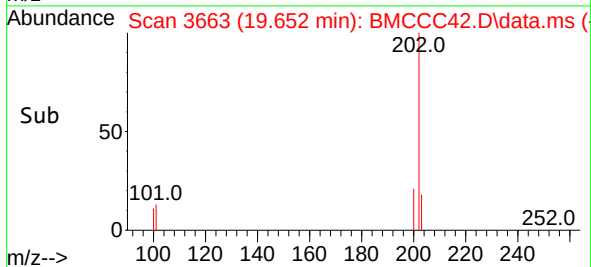
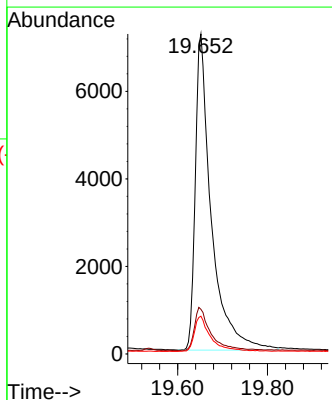
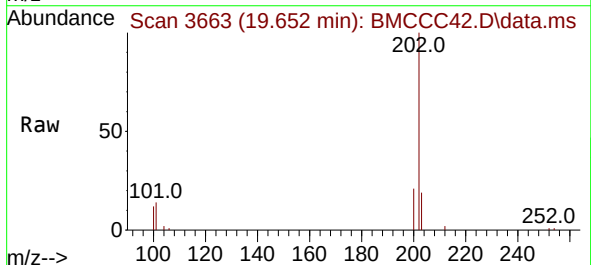
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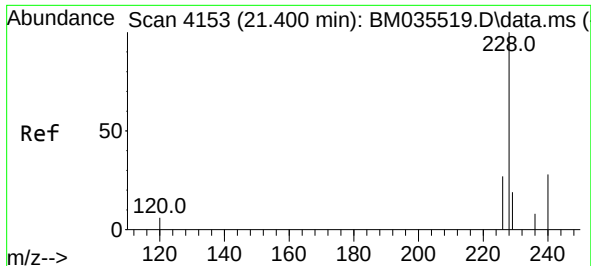
Tgt Ion:202 Resp: 16172
Ion Ratio Lower Upper
202 100
101 12.9 10.0 15.0
100 10.0 7.5 11.3



#20
Pyrene
Concen: 0.335 ng/ul
RT: 19.652 min Scan# 3663
Delta R.T. 0.004 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

Tgt Ion:202 Resp: 17906
Ion Ratio Lower Upper
202 100
101 14.0 11.6 17.4
100 11.8 9.3 13.9

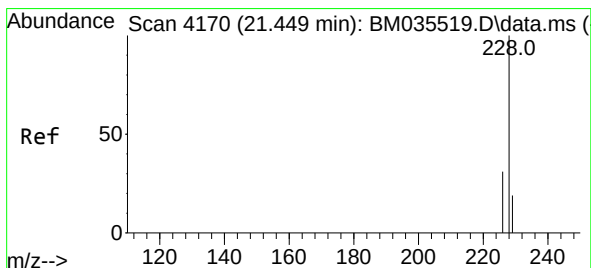
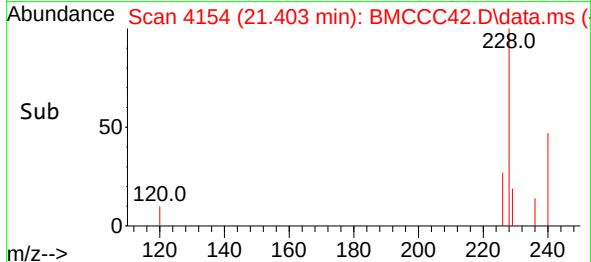
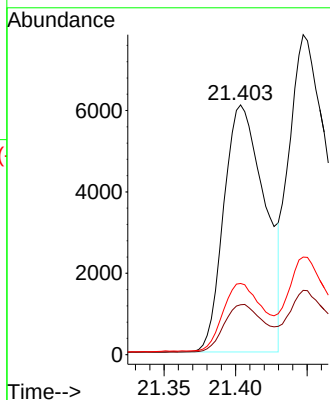
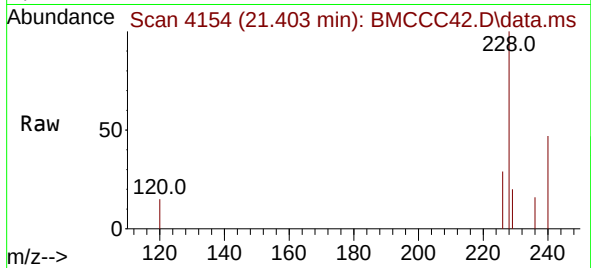




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.403 min Scan# 4153
Delta R.T. 0.004 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

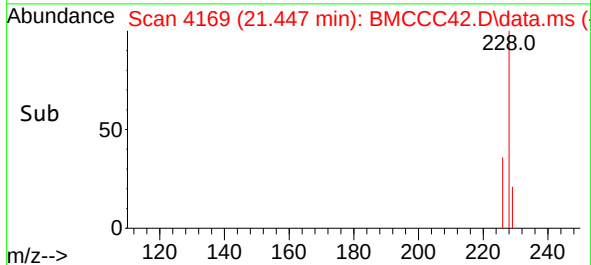
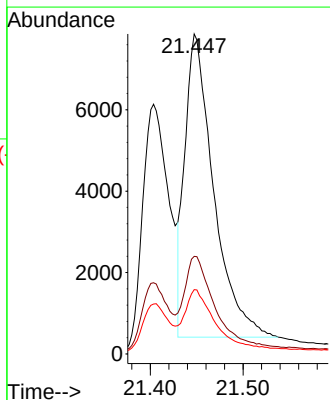
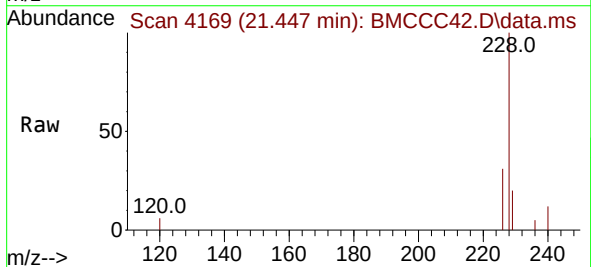
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BNA_M
ClientSampleId :

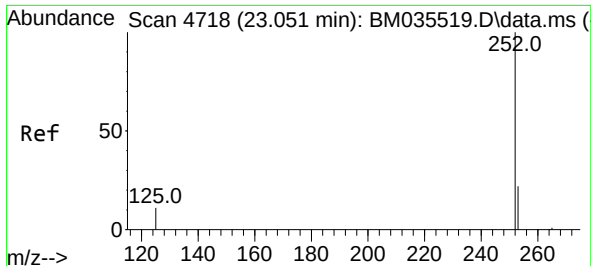
Tgt Ion:228 Resp: 12160
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 28.5 22.3 33.5



#22
Chrysene
Concen: 0.357 ng/ul
RT: 21.447 min Scan# 4169
Delta R.T. -0.002 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

Tgt Ion:228 Resp: 16025
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 20.1 15.8 23.8

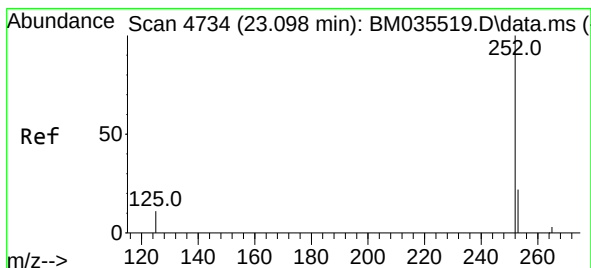
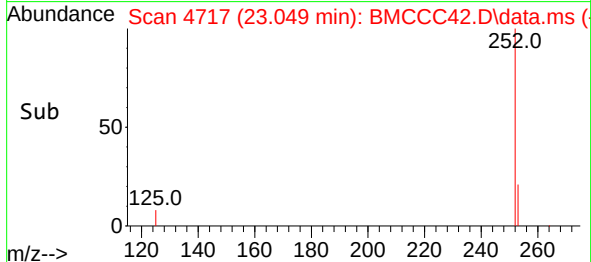
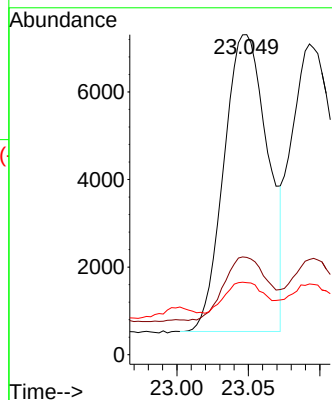
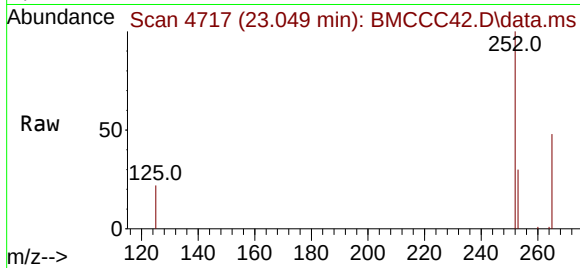




#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 23.049 min Scan# 4717
Delta R.T. -0.002 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

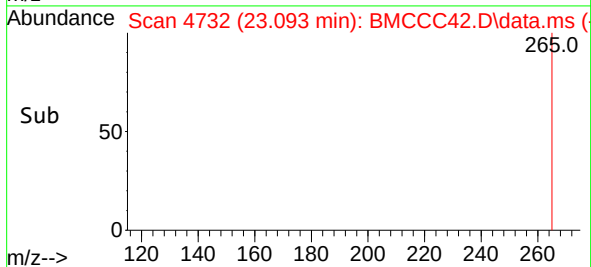
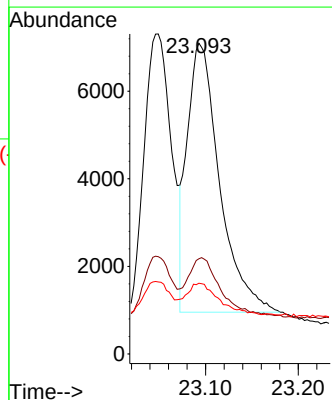
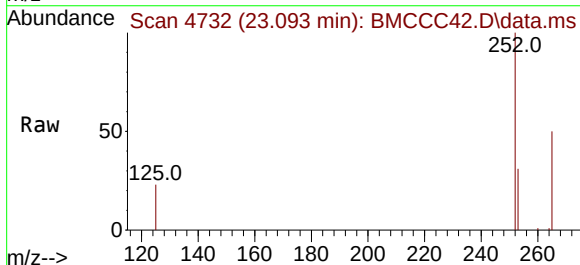
Instrument :
BNA_M
ClientSampleId :

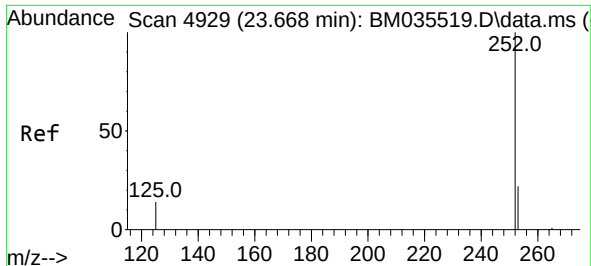
Tgt Ion:252	Resp:	14527
Ion Ratio	Lower	Upper
252	100	
253	30.4	0.0 60.6
125	22.5	0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 23.093 min Scan# 4732
Delta R.T. -0.005 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

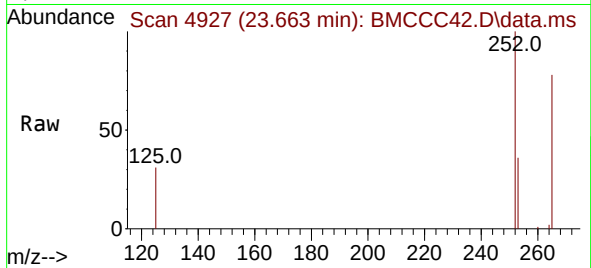
Tgt Ion:252	Resp:	14924
Ion Ratio	Lower	Upper
252	100	
253	30.6	24.7 37.1
125	22.7	18.2 27.4



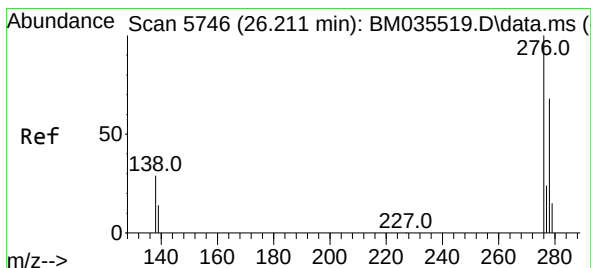
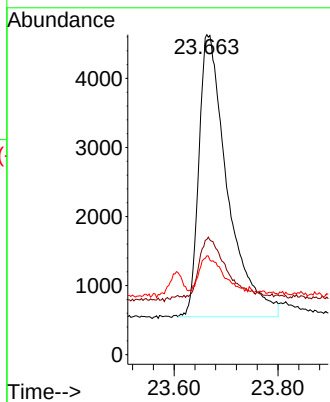
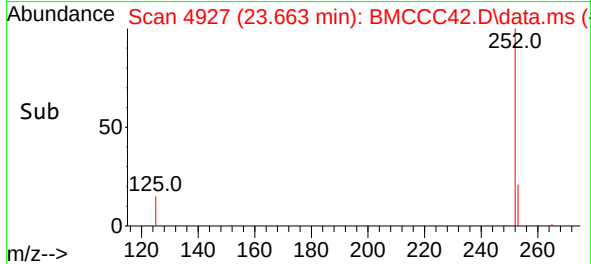


#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.663 min Scan# 4927
Delta R.T. -0.005 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18

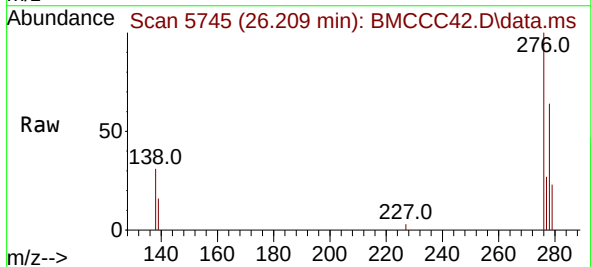
Instrument :
BNA_M
ClientSampleId :



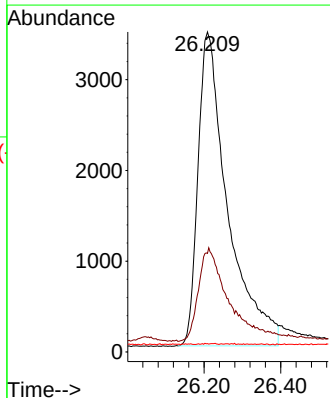
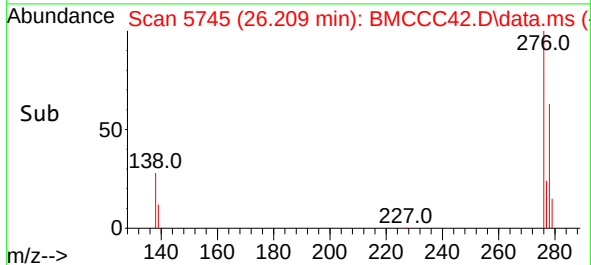
Tgt Ion:252 Resp: 15552
Ion Ratio Lower Upper
252 100
253 36.0 27.8 41.6
125 30.9 23.3 34.9

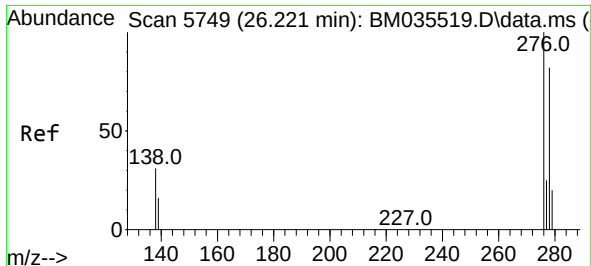


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 26.209 min Scan# 5745
Delta R.T. -0.002 min
Lab File: BMCCC42.D
Acq: 20 Jun 2022 20:18



Tgt Ion:276 Resp: 18620
Ion Ratio Lower Upper
276 100
138 30.3 24.8 37.2
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.374 ng/ul

RT: 26.226 min Scan# 5

Delta R.T. 0.004 min

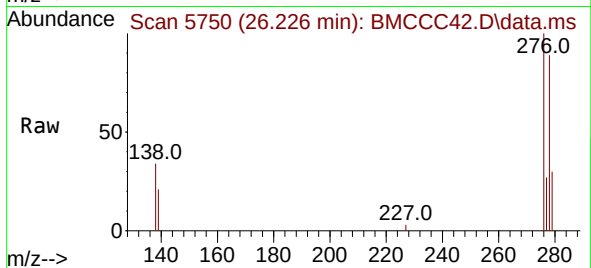
Lab File: BMCCC42.D

Acq: 20 Jun 2022 20:18

Instrument :

BNA_M

ClientSampleId :



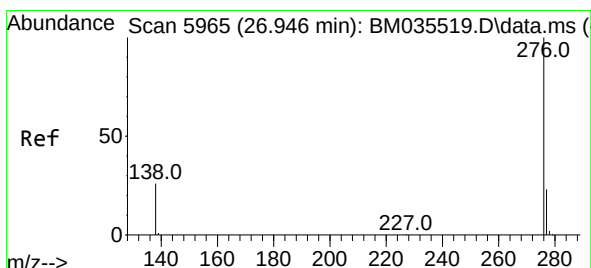
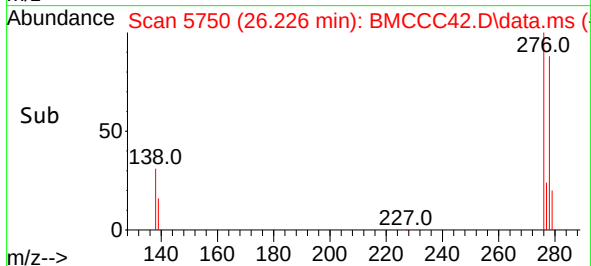
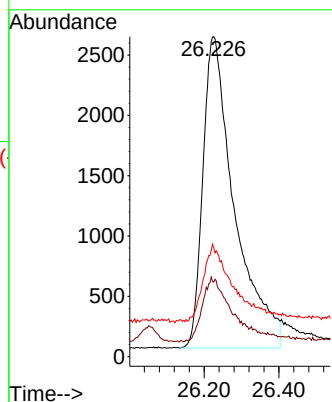
Tgt Ion:278 Resp: 15201

Ion Ratio Lower Upper

278 100

139 23.3 19.1 28.7

279 33.9 26.7 40.1



#29

Benzo(g,h,i)perylene

Concen: 0.389 ng/ul

RT: 26.940 min Scan# 5963

Delta R.T. -0.006 min

Lab File: BMCCC42.D

Acq: 20 Jun 2022 20:18

Tgt Ion:276 Resp: 17313

Ion Ratio Lower Upper

276 100

138 28.8 23.1 34.7

277 26.2 20.3 30.5

