

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
 Data File : BMCCC110.D
 Acq On : 16 May 2022 19:26
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 17 00:52:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

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

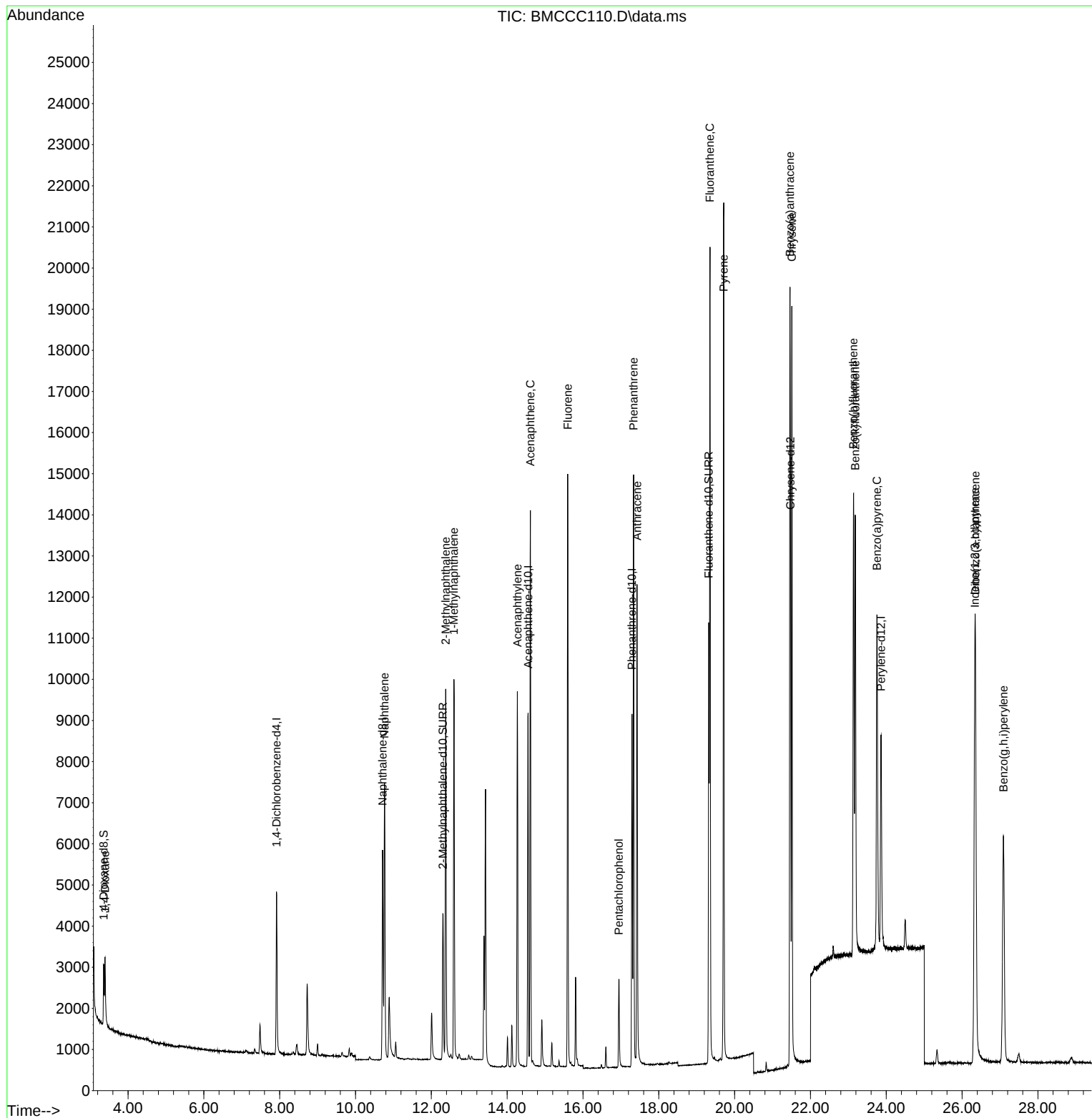
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2308	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	7432	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.553	164	4700	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	10414	0.400	ng/ul #	0.00
17) Chrysene-d12	21.475	240	8750	0.400	ng/ul	0.00
23) Perylene-d12	23.861	264	7552	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	1183	0.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	5127	0.432	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	11919	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	1080	0.389	ng/ul#	72
5) Naphthalene	10.765	128	9637	0.393	ng/ul#	89
7) 2-Methylnaphthalene	12.382	142	6571	0.408	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	6414	0.428	ng/ul	99
10) Acenaphthylene	14.270	152	10758	0.386	ng/ul#	90
11) Acenaphthene	14.613	153	7859	0.391	ng/ul	96
12) Fluorene	15.598	166	9193	0.391	ng/ul#	98
14) Pentachlorophenol	16.947	266	1542	0.392	ng/ul	99
15) Phenanthrene	17.335	178	15276	0.385	ng/ul	95
16) Anthracene	17.428	178	13859	0.384	ng/ul#	92
19) Fluoranthene	19.350	202	17829	0.363	ng/ul	97
20) Pyrene	19.713	202	18222	0.365	ng/ul	99
21) Benzo(a)anthracene	21.458	228	14881	0.367	ng/ul	98
22) Chrysene	21.510	228	15942	0.378	ng/ul	97
24) Benzo(b)fluoranthene	23.136	252	14707	0.371	ng/ul	91
25) Benzo(k)fluoranthene	23.182	252	14686	0.389	ng/ul#	90
26) Benzo(a)pyrene	23.755	252	13531	0.376	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.335	276	14819	0.416	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.352	278	11872	0.419	ng/ul#	91
29) Benzo(g,h,i)perylene	27.093	276	12533	0.409	ng/ul	95

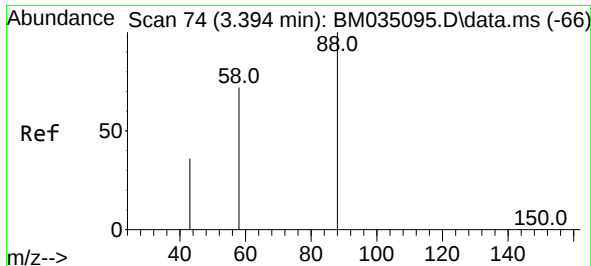
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : CG/JU
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Instrument :
BNA_M
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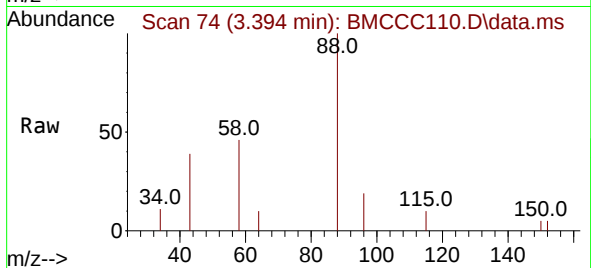
Quant Time: May 17 00:52:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration



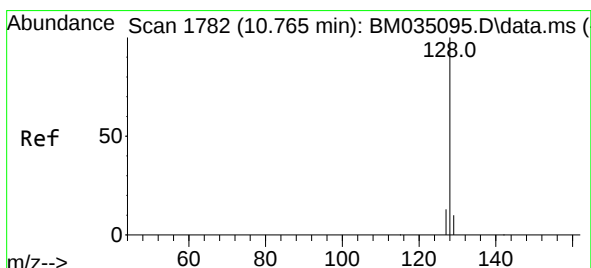
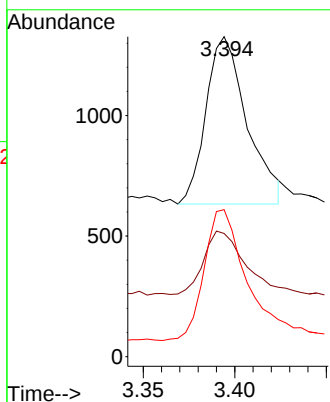
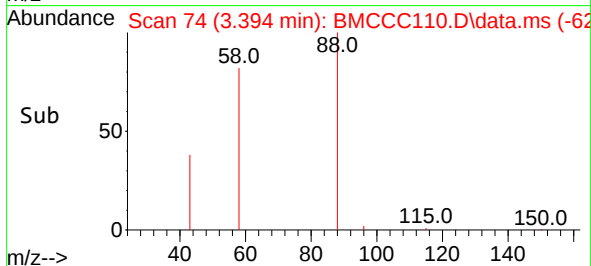


#2
1,4-Dioxane
Concen: 0.389 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. -0.000 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

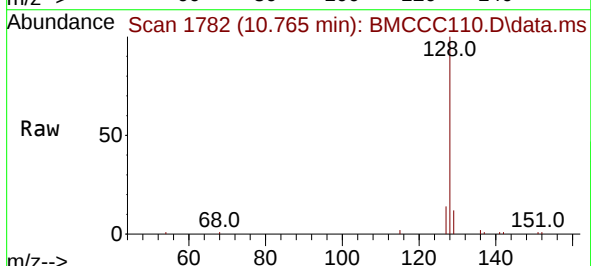
Instrument :
BNA_M
ClientSampleId :



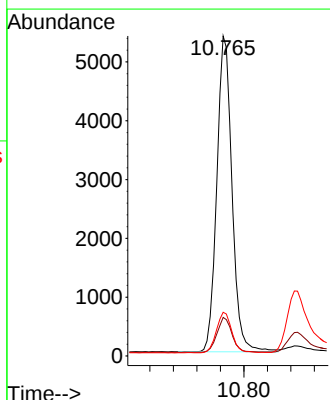
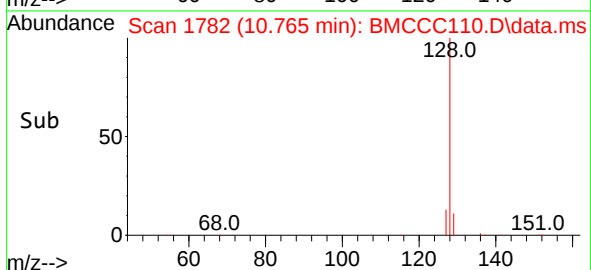
Tgt Ion: 88 Resp: 1080
Ion Ratio Lower Upper
88 100
43 38.5 49.7 74.5#
58 46.0 52.5 78.7#

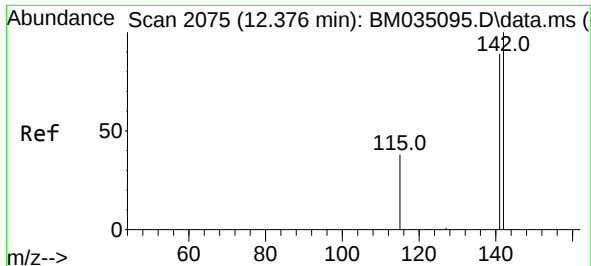


#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26



Tgt Ion: 128 Resp: 9637
Ion Ratio Lower Upper
128 100
129 12.1 13.4 20.2#
127 13.6 15.2 22.8#

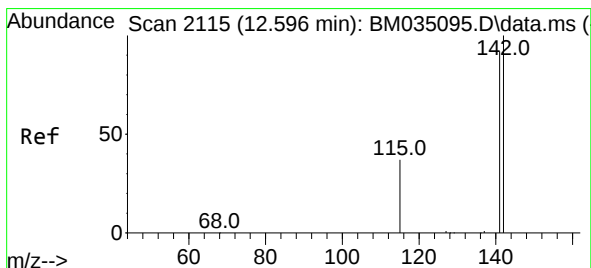
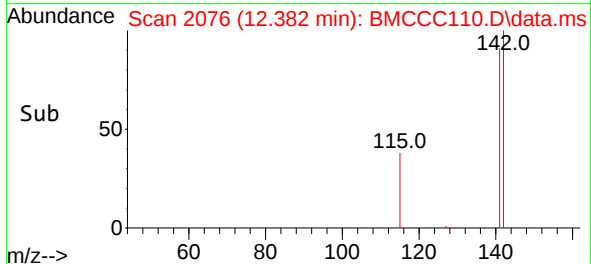
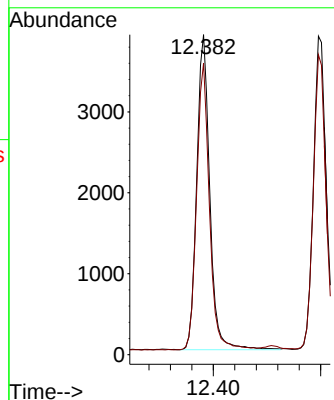
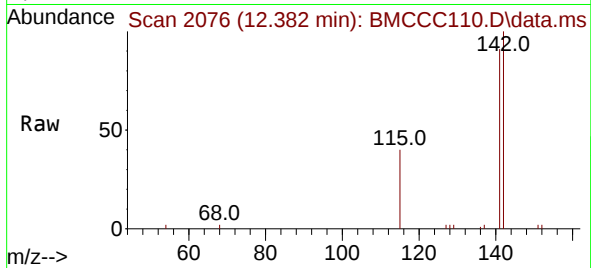




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

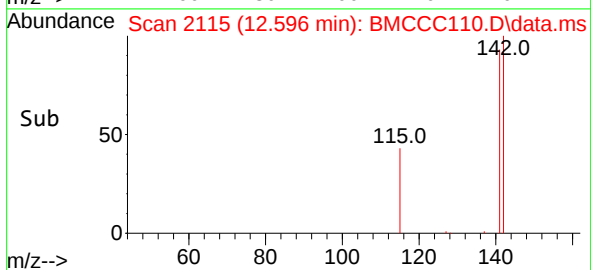
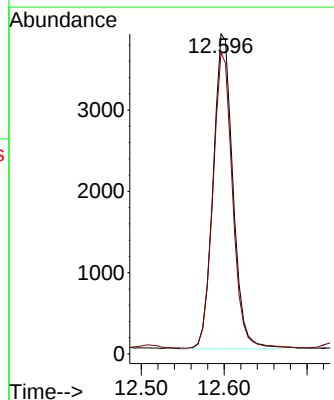
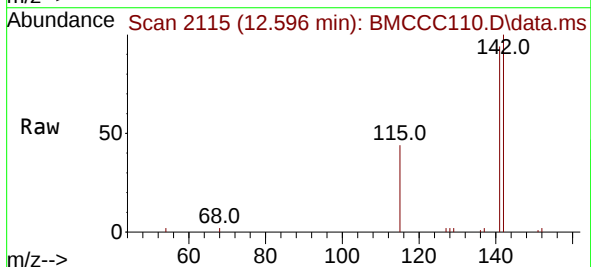
Instrument :
BNA_M
ClientSampleId :

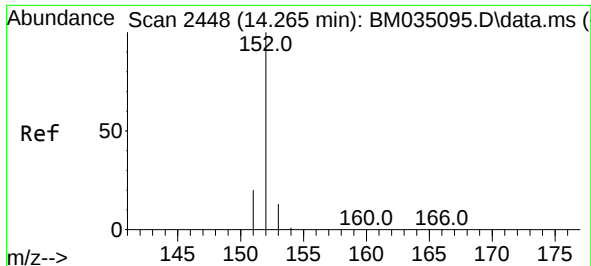
Tgt Ion:142 Resp: 6571
Ion Ratio Lower Upper
142 100
141 89.6 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

Tgt Ion:142 Resp: 6414
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4

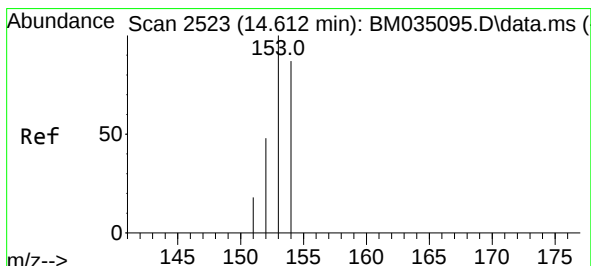
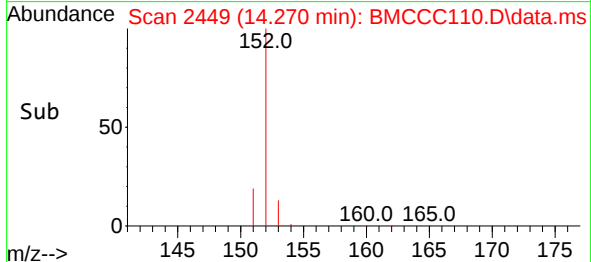
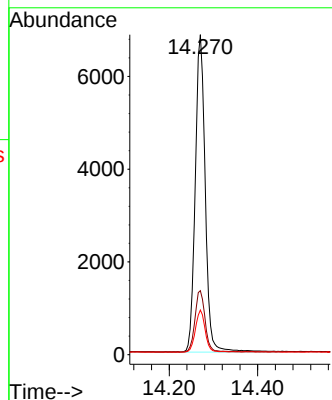
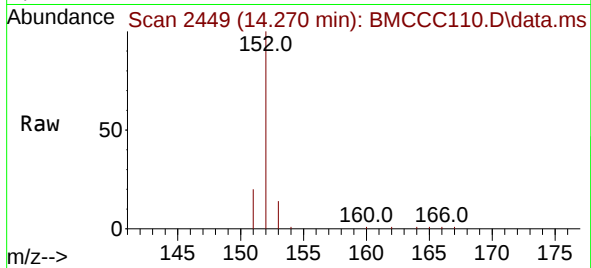




#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.270 min Scan# 2448
Delta R.T. 0.001 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

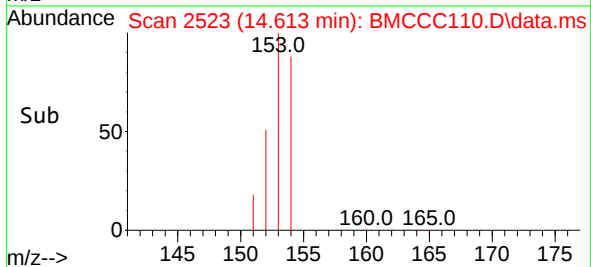
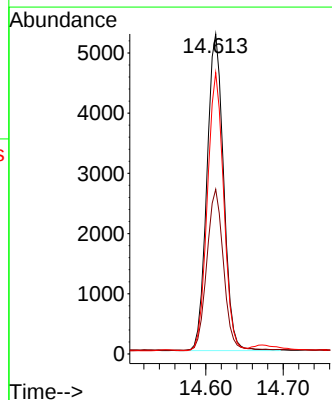
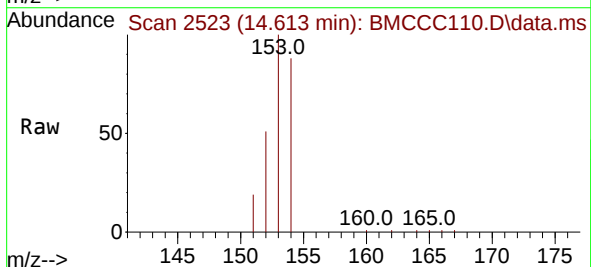
Instrument :
BNA_M
ClientSampleId :

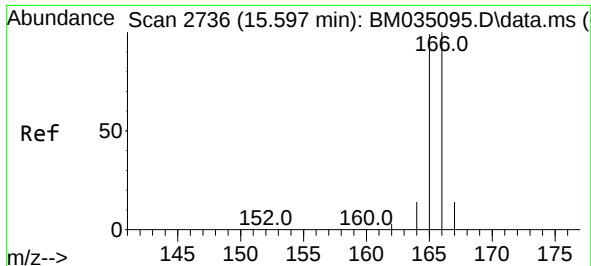
Tgt Ion:152 Resp: 10758
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 13.9 15.0 22.4#



#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.613 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

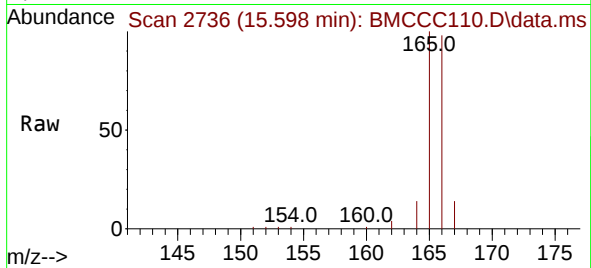
Tgt Ion:153 Resp: 7859
Ion Ratio Lower Upper
153 100
152 51.4 42.4 63.6
154 87.9 66.2 99.2



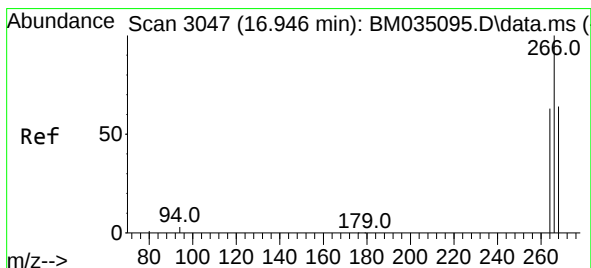
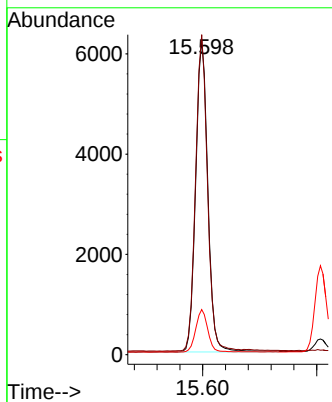
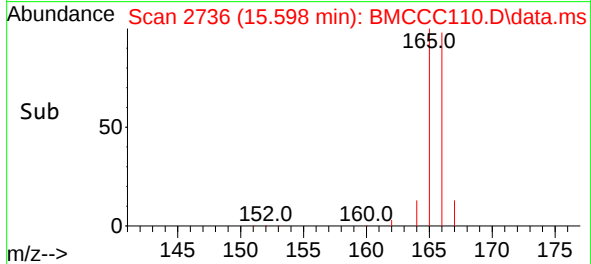


#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.598 min Scan# 21
Delta R.T. -0.004 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

Instrument :
BNA_M
ClientSampleId :

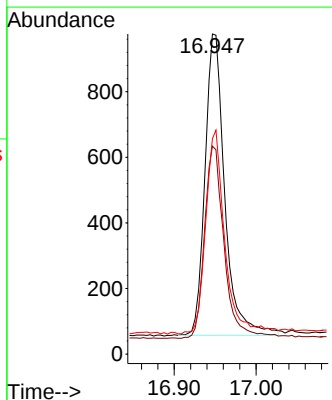
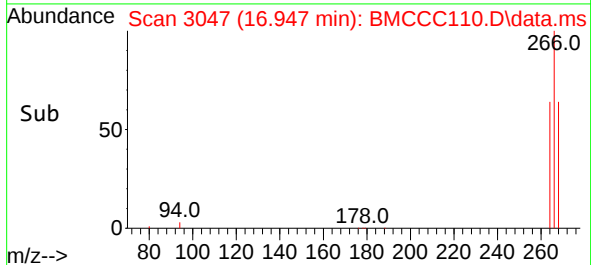
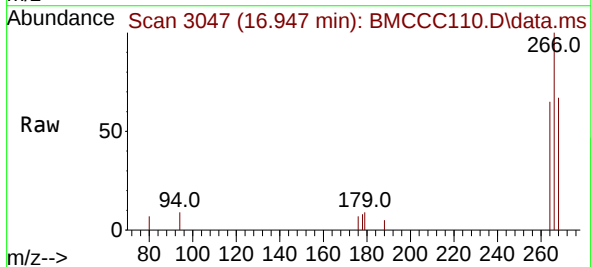


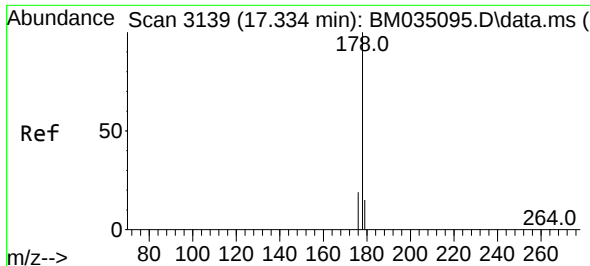
Tgt Ion:166 Resp: 9193
Ion Ratio Lower Upper
166 100
165 101.9 81.1 121.7
167 14.4 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.392 ng/ul
RT: 16.947 min Scan# 3047
Delta R.T. 0.001 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

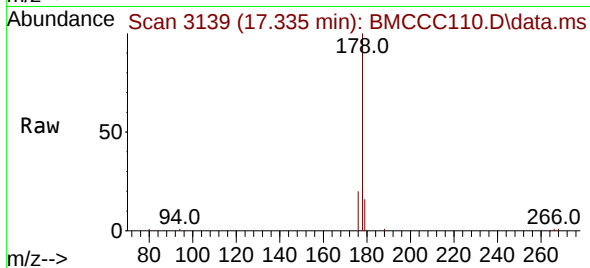
Tgt Ion:266 Resp: 1542
Ion Ratio Lower Upper
266 100
264 63.3 51.4 77.0
268 65.4 53.1 79.7



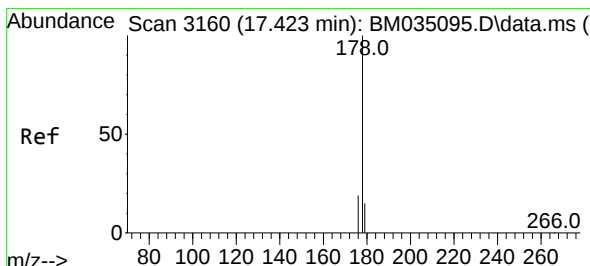
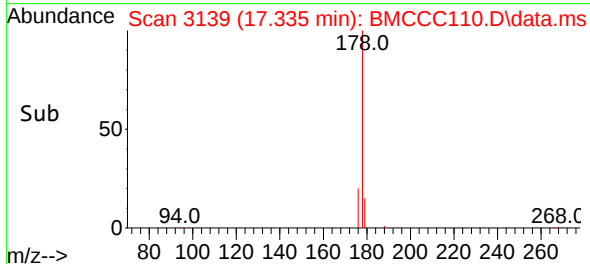
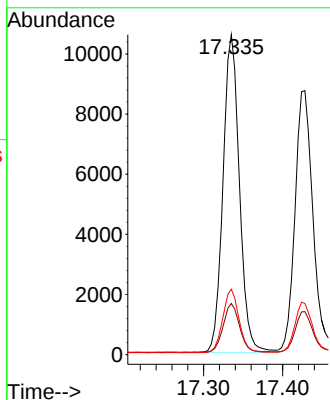


#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

Instrument :
BNA_M
ClientSampleId :

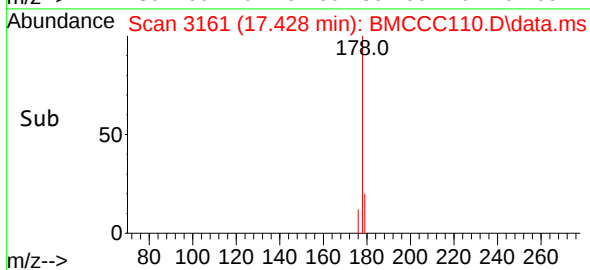
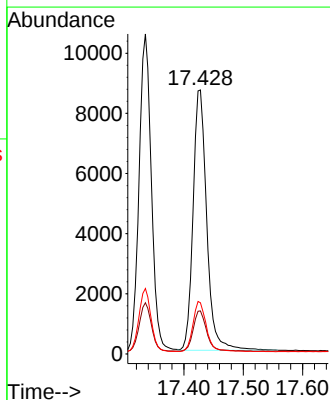
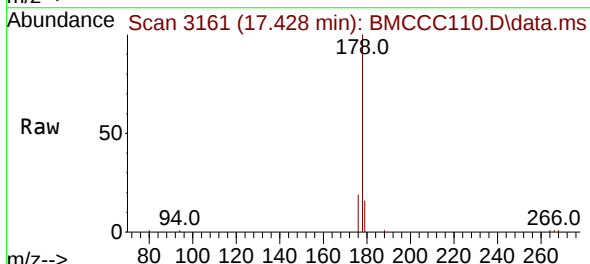


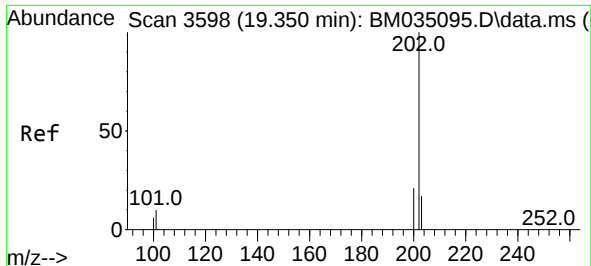
Tgt Ion:178 Resp: 15276
Ion Ratio Lower Upper
178 100
179 16.0 15.0 22.6
176 20.5 17.9 26.9



#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. 0.001 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

Tgt Ion:178 Resp: 13859
Ion Ratio Lower Upper
178 100
179 16.3 16.5 24.7#
176 19.4 18.3 27.5

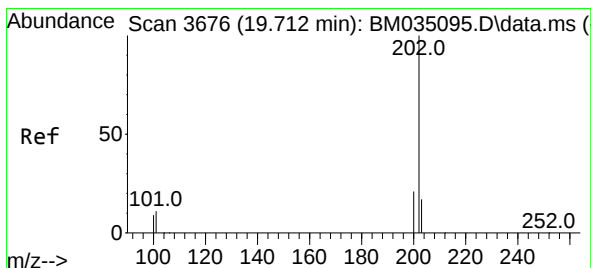
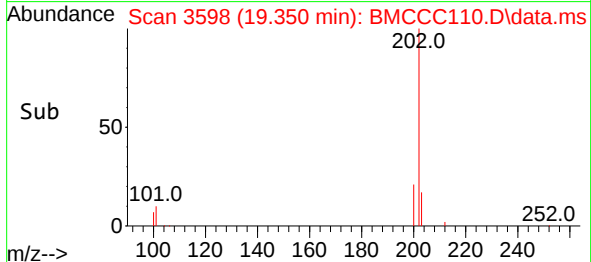
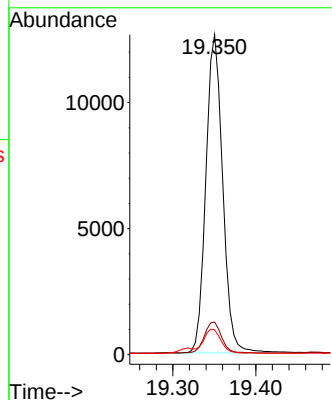
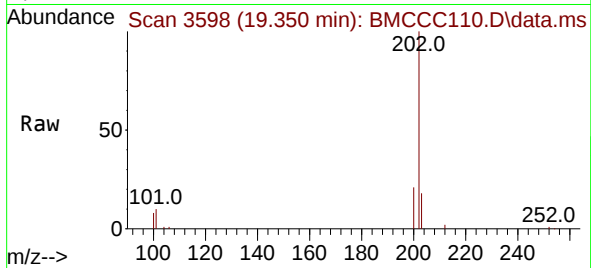




#19
Fluoranthene
Concen: 0.363 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.001 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

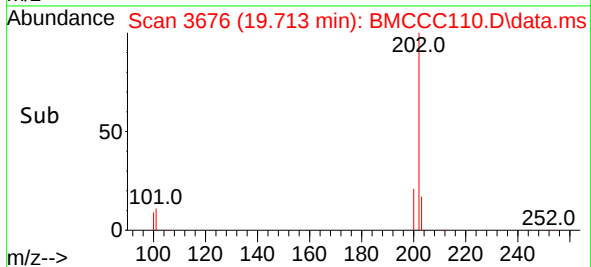
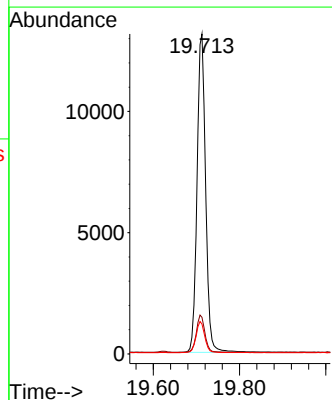
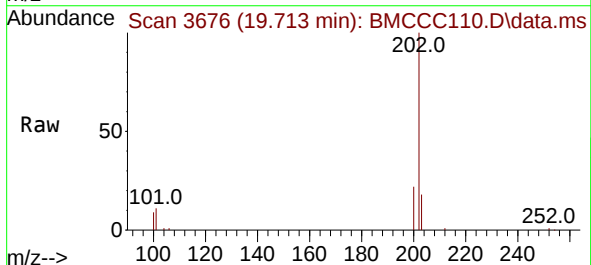
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BNA_M
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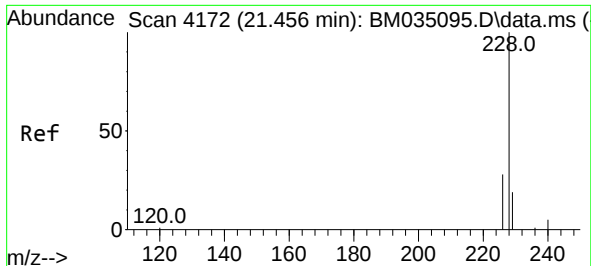
Tgt Ion:202 Resp: 17829
Ion Ratio Lower Upper
202 100
101 10.2 9.2 13.8
100 7.8 7.2 10.8



#20
Pyrene
Concen: 0.365 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. 0.001 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

Tgt Ion:202 Resp: 18222
Ion Ratio Lower Upper
202 100
101 11.5 9.3 13.9
100 9.4 7.8 11.6

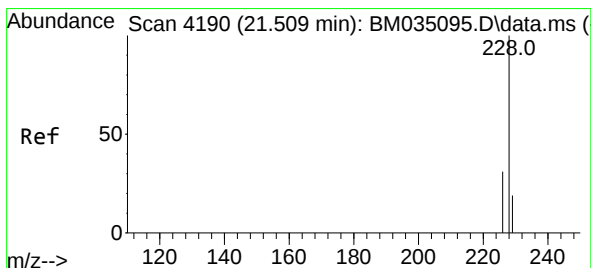
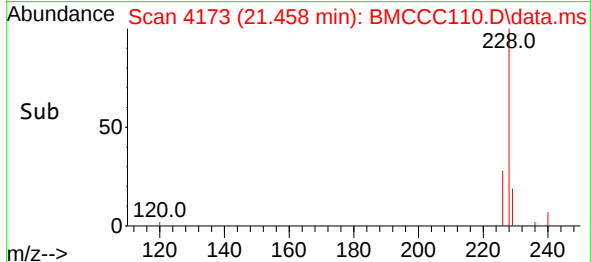
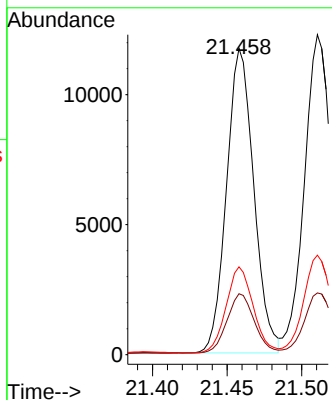
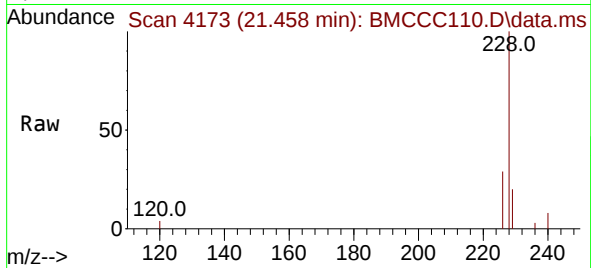




#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.458 min Scan# 4172
Delta R.T. -0.001 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

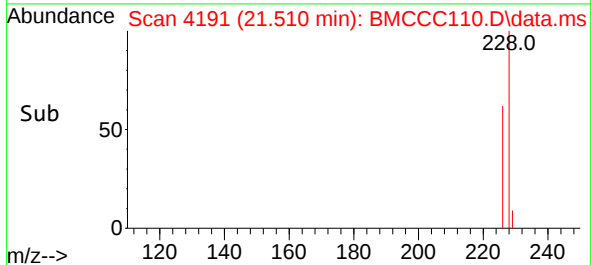
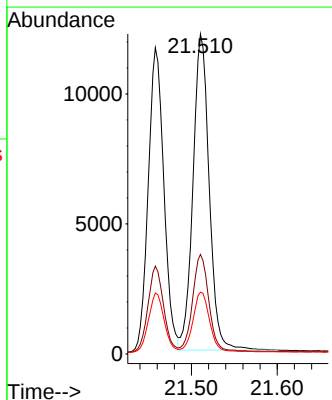
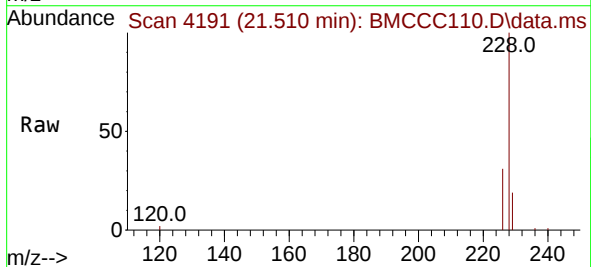
Instrument :
BNA_M
ClientSampleId :

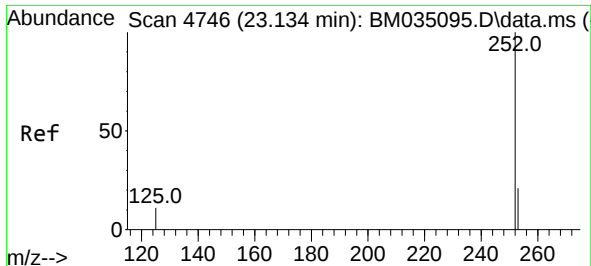
Tgt Ion:228 Resp: 14881
Ion Ratio Lower Upper
228 100
229 19.9 17.3 25.9
226 28.7 23.2 34.8



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.510 min Scan# 4191
Delta R.T. -0.001 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

Tgt Ion:228 Resp: 15942
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 19.3 16.7 25.1

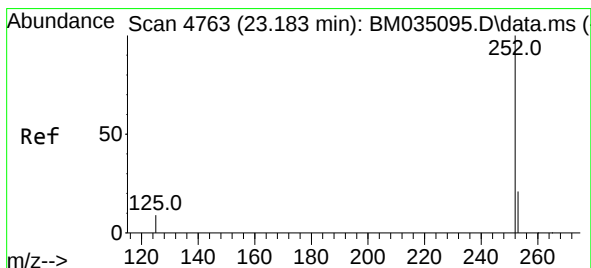
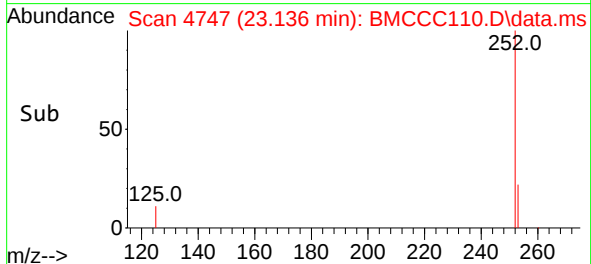
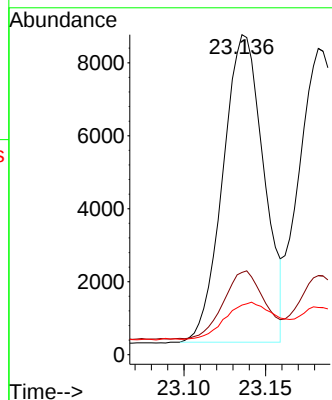
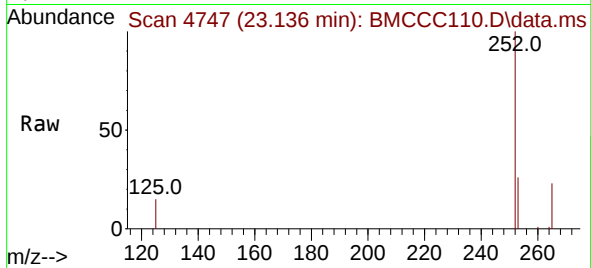




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.136 min Scan# 4746
Delta R.T. 0.002 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

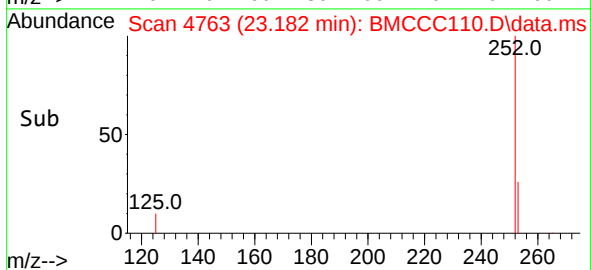
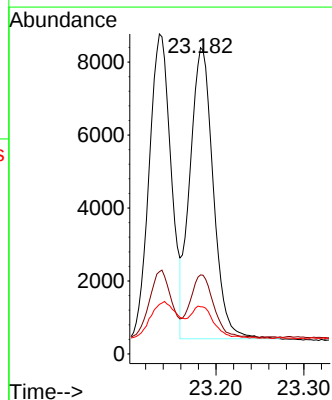
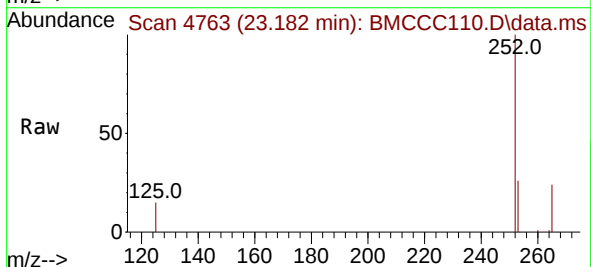
Instrument :
BNA_M
ClientSampleId :

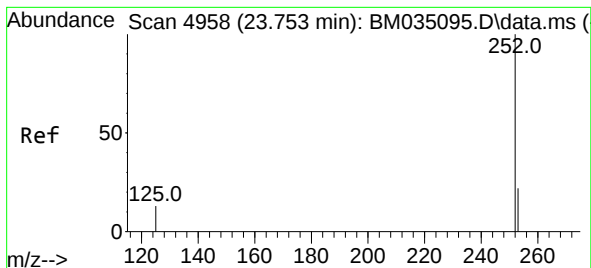
Tgt Ion:252 Resp: 14707
Ion Ratio Lower Upper
252 100
253 25.7 0.0 64.2
125 15.5 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.182 min Scan# 4763
Delta R.T. 0.002 min
Lab File: BMCCC110.D
Acq: 16 May 2022 19:26

Tgt Ion:252 Resp: 14686
Ion Ratio Lower Upper
252 100
253 25.8 26.8 40.2#
125 15.4 12.0 18.0





#26

Benzo(a)pyrene

Concen: 0.376 ng/ul

RT: 23.755 min Scan# 4958

Delta R.T. 0.005 min

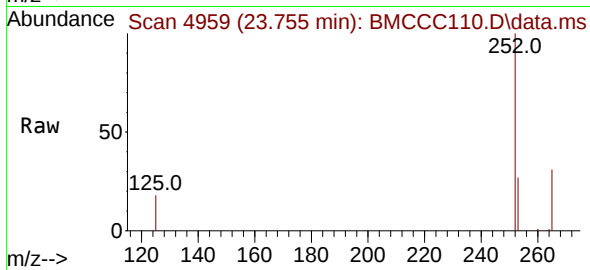
Lab File: BMCCC110.D

Acq: 16 May 2022 19:26

Instrument :

BNA_M

ClientSampleId :



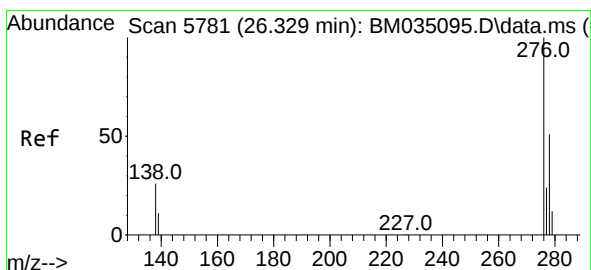
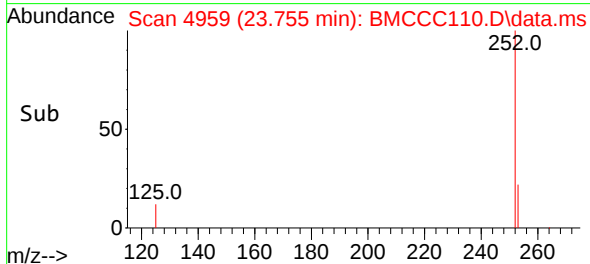
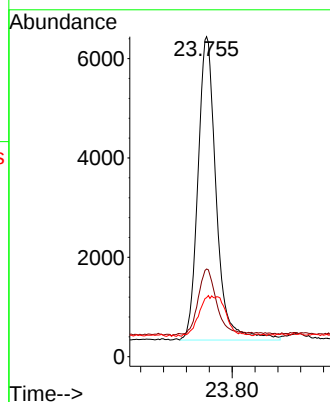
Tgt Ion:252 Resp: 13531

Ion Ratio Lower Upper

252 100

253 27.4 32.0 48.0#

125 18.5 14.5 21.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.416 ng/ul

RT: 26.335 min Scan# 5783

Delta R.T. 0.009 min

Lab File: BMCCC110.D

Acq: 16 May 2022 19:26

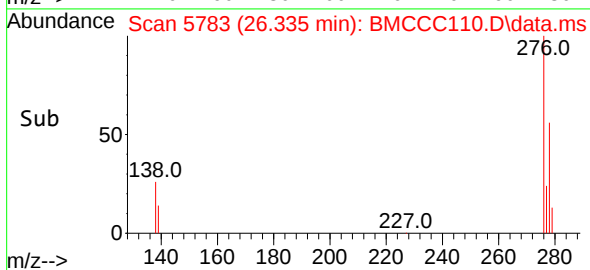
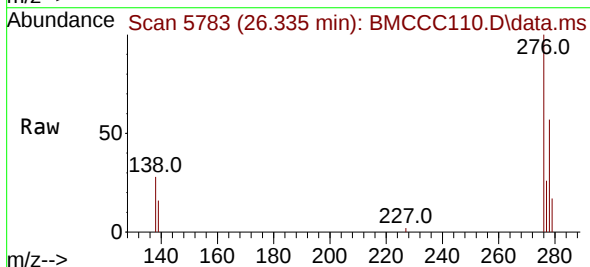
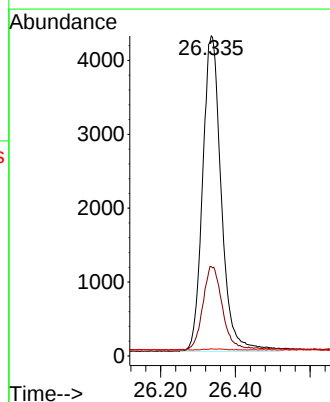
Tgt Ion:276 Resp: 14819

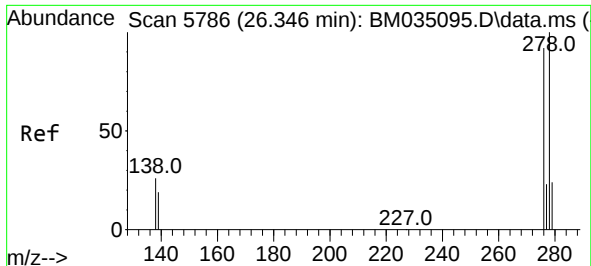
Ion Ratio Lower Upper

276 100

138 27.5 15.8 23.6#

227 0.1 0.0 0.0#

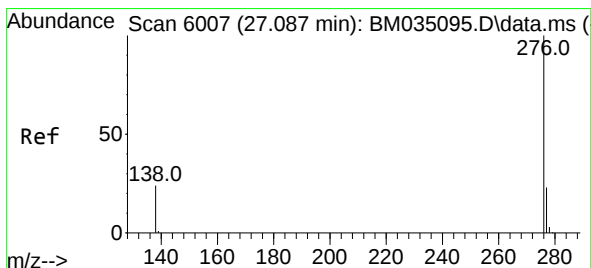
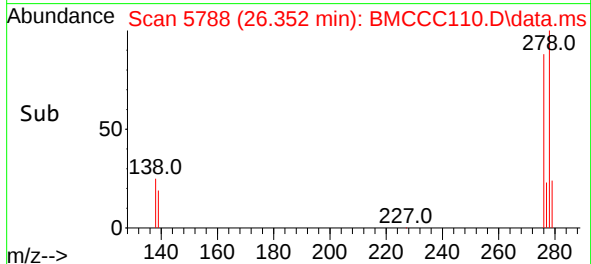
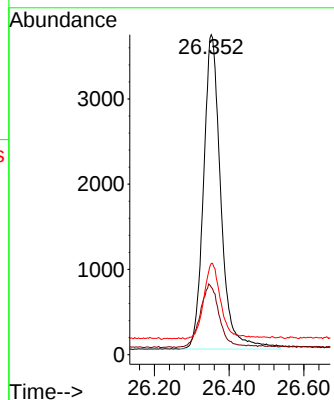
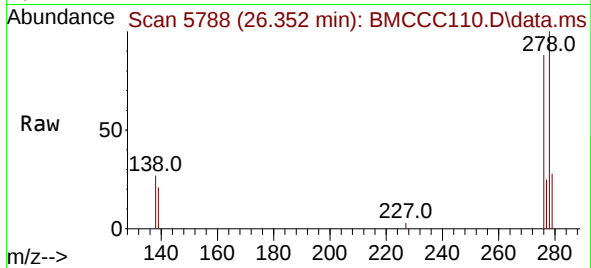




#28
 Dibenzo(a,h)anthracene
 Concen: 0.419 ng/ul
 RT: 26.352 min Scan# 51
 Delta R.T. 0.009 min
 Lab File: BMCCC110.D
 Acq: 16 May 2022 19:26

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 11872
 Ion Ratio Lower Upper
 278 100
 139 21.1 18.0 27.0
 279 28.5 28.6 42.8#



#29
 Benzo(g,h,i)perylene
 Concen: 0.409 ng/ul
 RT: 27.093 min Scan# 6009
 Delta R.T. 0.012 min
 Lab File: BMCCC110.D
 Acq: 16 May 2022 19:26

Tgt Ion:276 Resp: 12533
 Ion Ratio Lower Upper
 276 100
 138 23.3 17.4 26.0
 277 25.2 22.6 33.8

