

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035661.D
 Acq On : 24 Jun 2022 14:00
 Operator : CG/JU
 Sample : PB145606BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 25 04:05:46 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

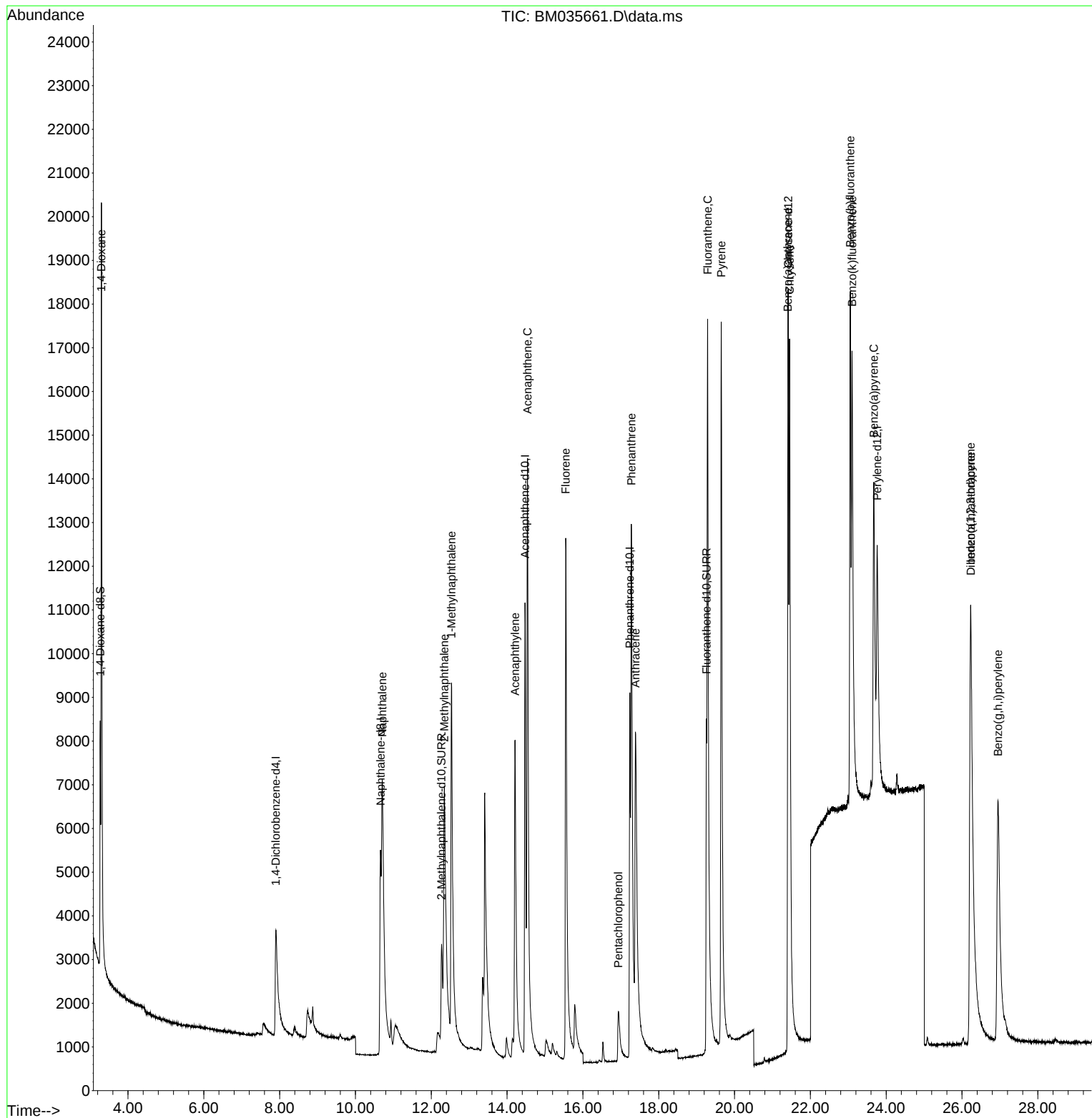
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	3323	0.400	ng/ul	0.04
4) Naphthalene-d8	10.661	136	16002	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.473	164	7481	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.237	188	15793	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	11764	0.400	ng/ul	0.00
23) Perylene-d12	23.762	264	10415	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	3477	0.744	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.272	152	7287	0.306	ng/ul	0.03
18) Fluoranthene-d10	19.257	212	13745	0.348	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.298	88	10601	2.277	ng/ul#	58
5) Naphthalene	10.710	128	17346	0.320	ng/ul	99
7) 2-Methylnaphthalene	12.343	142	10032	0.324	ng/ul	94
8) 1-Methylnaphthalene	12.530	142	10220	0.359	ng/ul	98
10) Acenaphthylene	14.210	152	17169	0.407	ng/ul	100
11) Acenaphthene	14.538	153	12964	0.415	ng/ul	99
12) Fluorene	15.547	166	14589	0.413	ng/ul	99
14) Pentachlorophenol	16.933	266	1953	0.645	ng/ul	100
15) Phenanthrene	17.280	178	21329	0.368	ng/ul	99
16) Anthracene	17.385	178	16930	0.334	ng/ul	100
19) Fluoranthene	19.289	202	22893	0.381	ng/ul	99
20) Pyrene	19.647	202	26253	0.416	ng/ul	100
21) Benzo(a)anthracene	21.406	228	15498	0.348	ng/ul	100
22) Chrysene	21.450	228	20886	0.395	ng/ul	100
24) Benzo(b)fluoranthene	23.052	252	18385	0.403	ng/ul	97
25) Benzo(k)fluoranthene	23.099	252	18096	0.382	ng/ul	100
26) Benzo(a)pyrene	23.675	252	19418	0.411	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.226	276	22519	0.413	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.236	278	18190	0.409	ng/ul	99
29) Benzo(g,h,i)perylene	26.950	276	20968	0.430	ng/ul	98

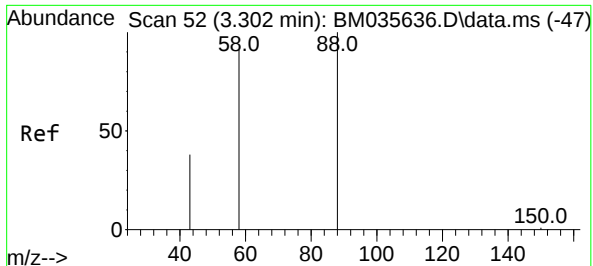
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 04:05:46 2022
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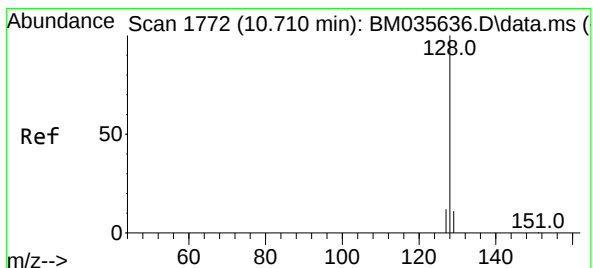
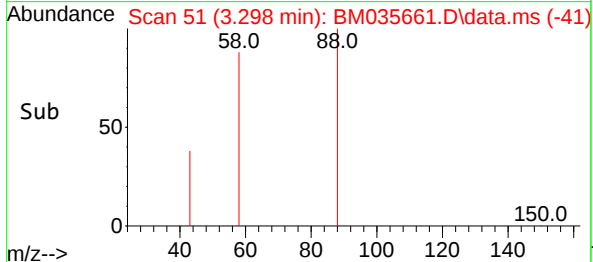
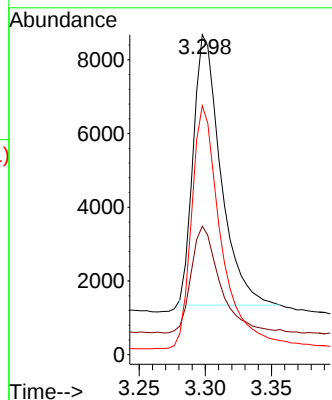
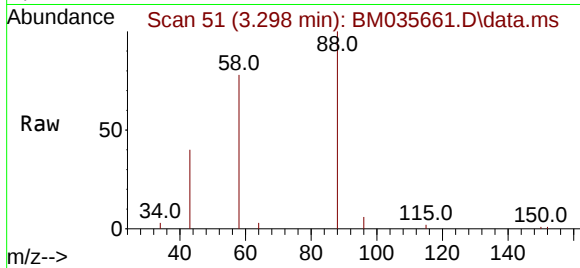




#2
1,4-Dioxane
Concen: 2.277 ng/ul
RT: 3.298 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

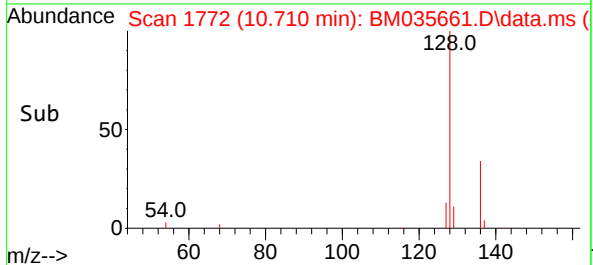
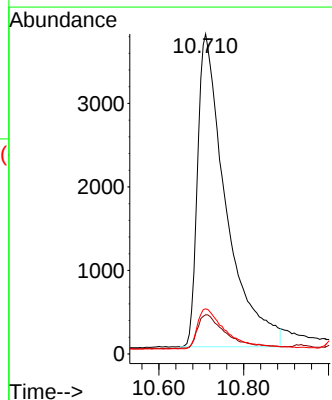
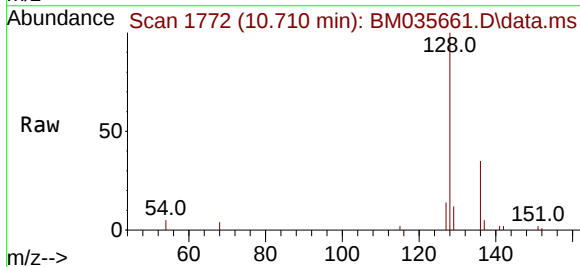
Instrument :
BNA_M
ClientSampleId :

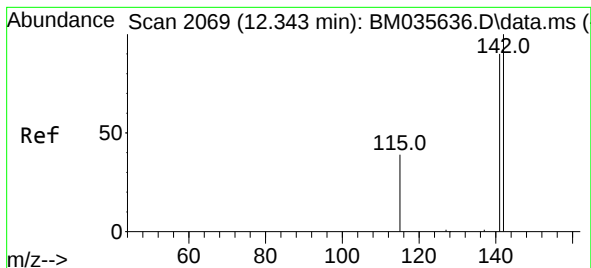
Tgt Ion: 88 Resp: 10601
Ion Ratio Lower Upper
88 100
43 40.2 70.4 105.6#
58 77.8 45.6 68.4#



#5
Naphthalene
Concen: 0.320 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. 0.017 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

Tgt Ion: 128 Resp: 17346
Ion Ratio Lower Upper
128 100
129 12.2 10.1 15.1
127 14.1 11.4 17.2

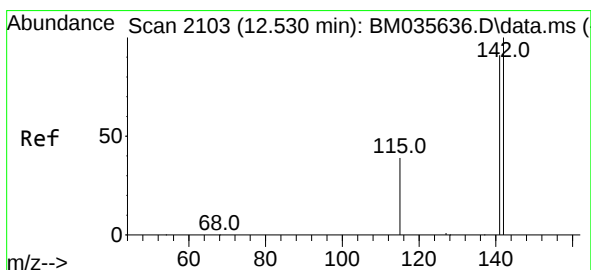
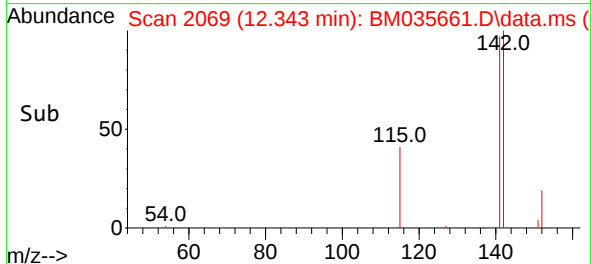
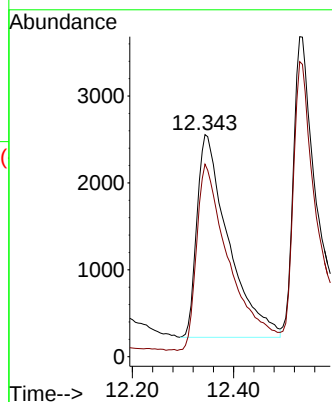
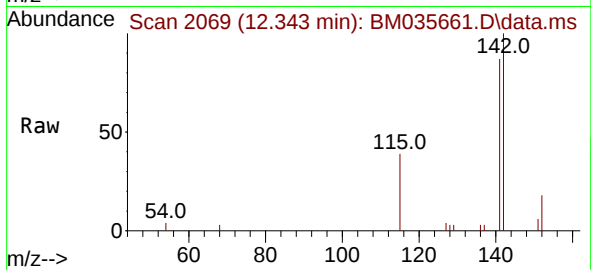




#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.343 min Scan# 2069
Delta R.T. 0.022 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

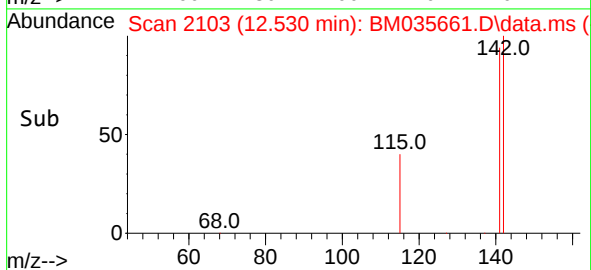
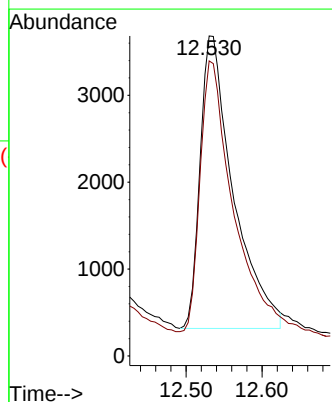
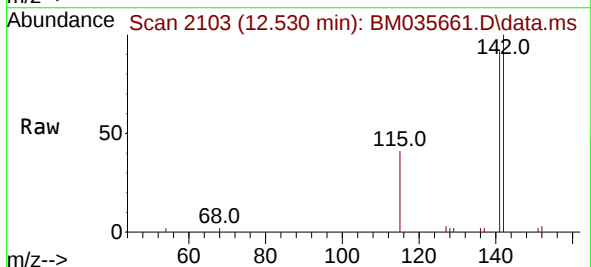
Instrument :
BNA_M
ClientSampleId :

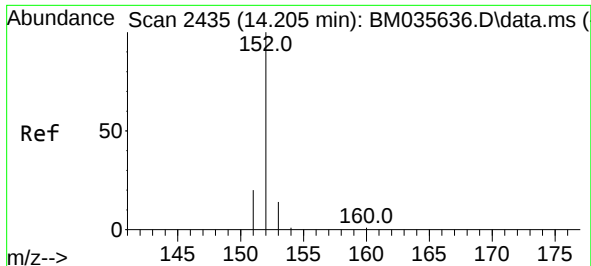
Tgt Ion:142 Resp: 10032
Ion Ratio Lower Upper
142 100
141 97.6 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.530 min Scan# 2103
Delta R.T. 0.006 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

Tgt Ion:142 Resp: 10220
Ion Ratio Lower Upper
142 100
141 91.4 74.6 111.8

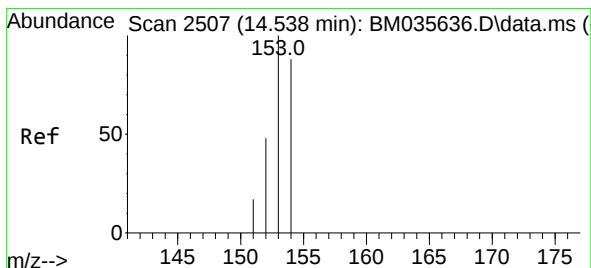
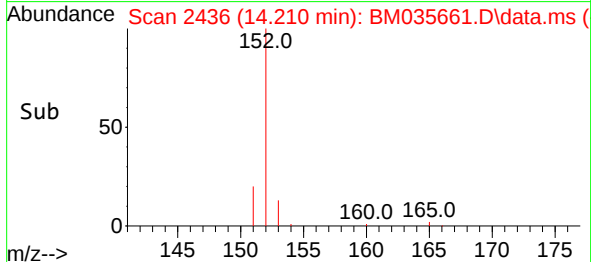
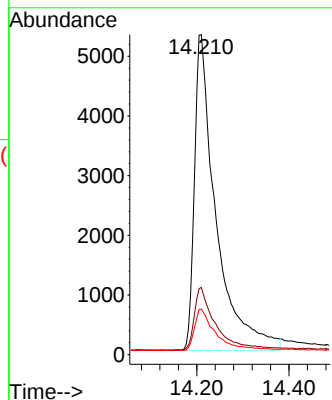
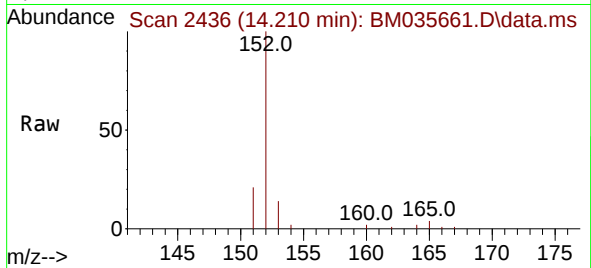




#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 14.210 min Scan# 2436
Delta R.T. 0.008 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

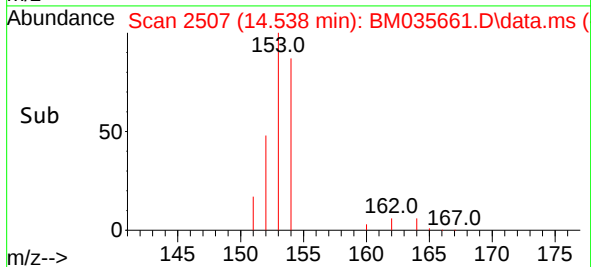
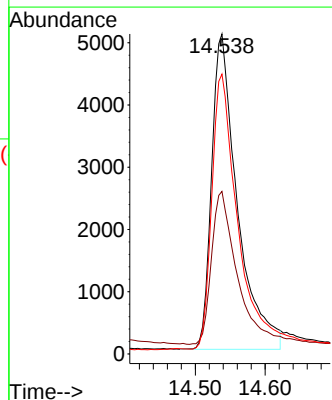
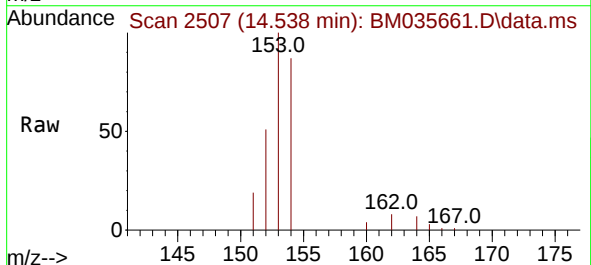
Instrument :
BNA_M
ClientSampleId :

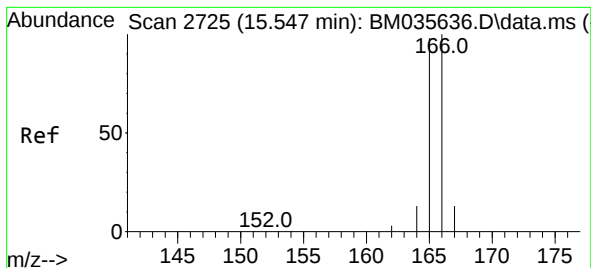
Tgt Ion:152 Resp: 17169
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.3 11.1 16.7



#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

Tgt Ion:153 Resp: 12964
Ion Ratio Lower Upper
153 100
152 50.8 40.0 60.0
154 87.4 69.1 103.7





#12

Fluorene

Concen: 0.413 ng/ul

RT: 15.547 min Scan# 21

Delta R.T. 0.008 min

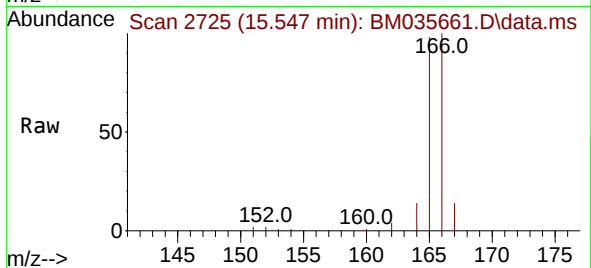
Lab File: BM035661.D

Acq: 24 Jun 2022 14:00

Instrument :

BNA_M

ClientSampleId :



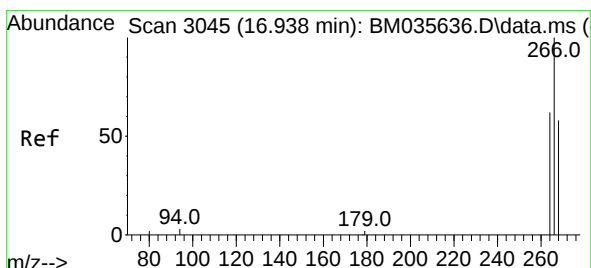
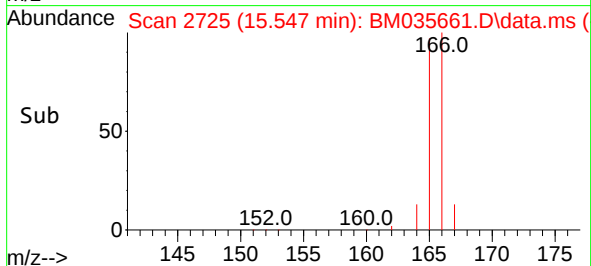
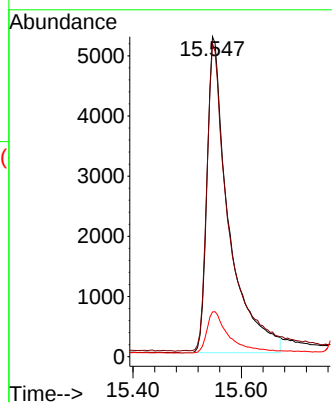
Tgt Ion:166 Resp: 14589

Ion Ratio Lower Upper

166 100

165 97.9 78.7 118.1

167 14.0 11.6 17.4



#14

Pentachlorophenol

Concen: 0.645 ng/ul

RT: 16.933 min Scan# 3044

Delta R.T. 0.003 min

Lab File: BM035661.D

Acq: 24 Jun 2022 14:00

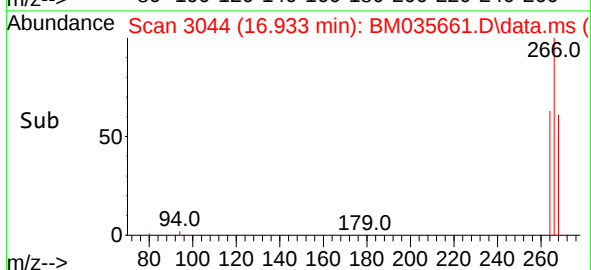
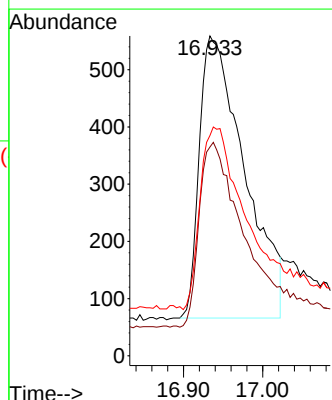
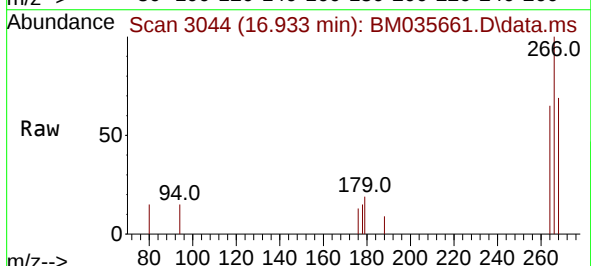
Tgt Ion:266 Resp: 1953

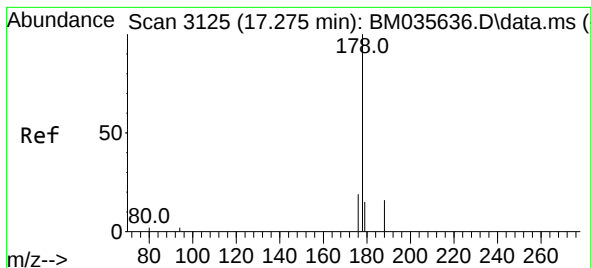
Ion Ratio Lower Upper

266 100

264 63.2 51.0 76.4

268 64.8 51.7 77.5





#15

Phenanthrene

Concen: 0.368 ng/u1

RT: 17.280 min Scan# 3125

Delta R.T. 0.008 min

Lab File: BM035661.D

Acq: 24 Jun 2022 14:00

Instrument :

BNA_M

ClientSampleId :

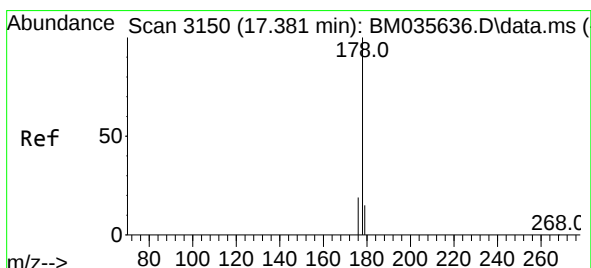
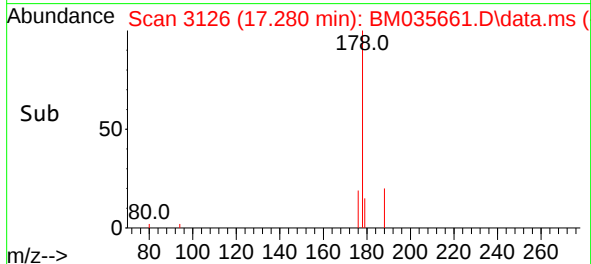
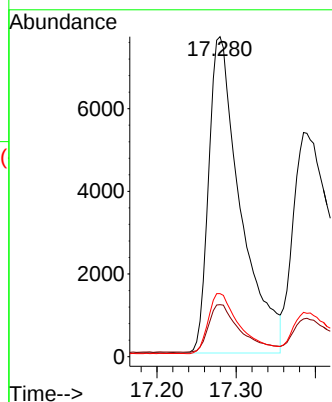
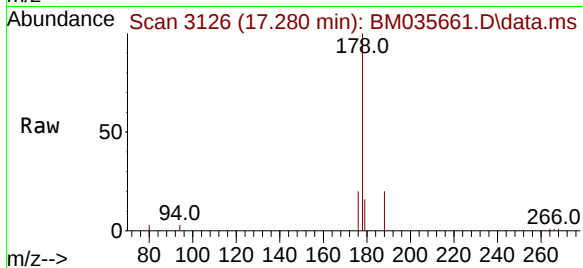
Tgt Ion:178 Resp: 21329

Ion Ratio Lower Upper

178 100

179 16.2 13.2 19.8

176 19.7 16.2 24.4



#16

Anthracene

Concen: 0.334 ng/u1

RT: 17.385 min Scan# 3151

Delta R.T. 0.012 min

Lab File: BM035661.D

Acq: 24 Jun 2022 14:00

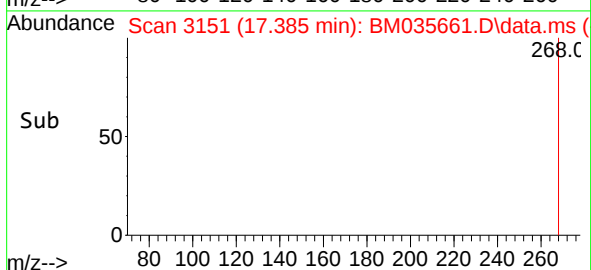
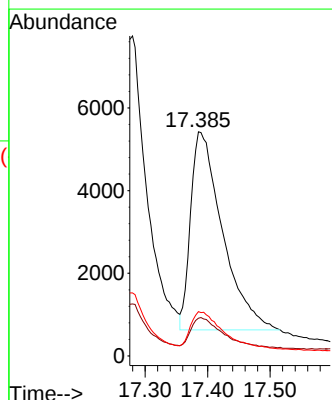
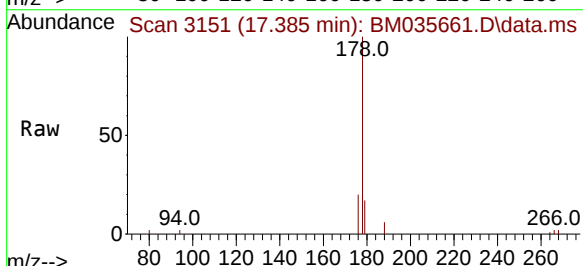
Tgt Ion:178 Resp: 16930

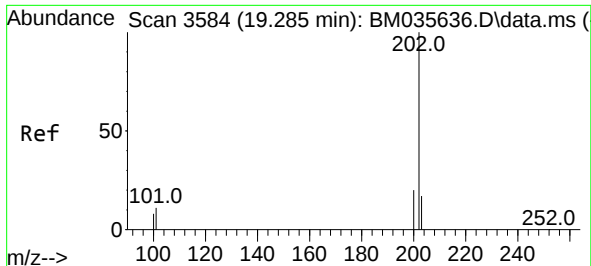
Ion Ratio Lower Upper

178 100

179 16.8 13.4 20.0

176 19.8 15.9 23.9

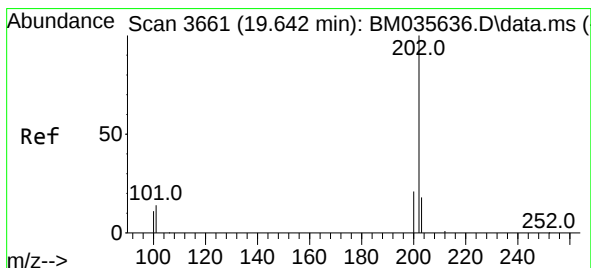
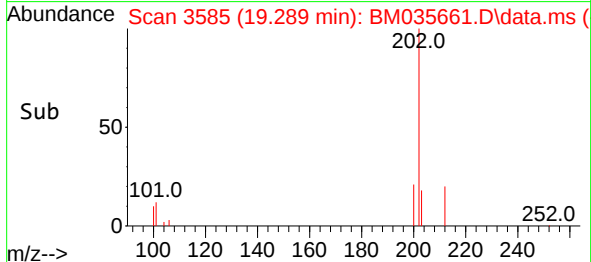
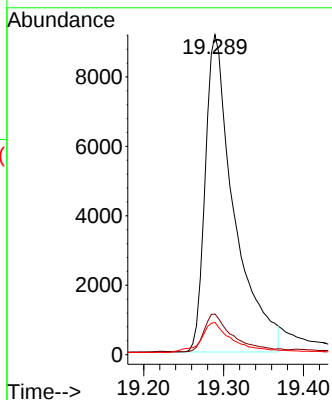
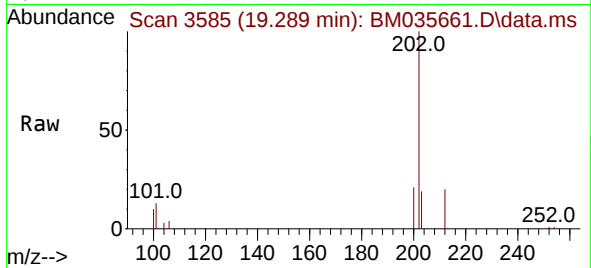




#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 19.289 min Scan# 3584
Delta R.T. 0.004 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

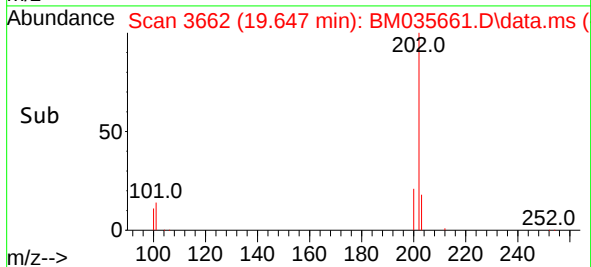
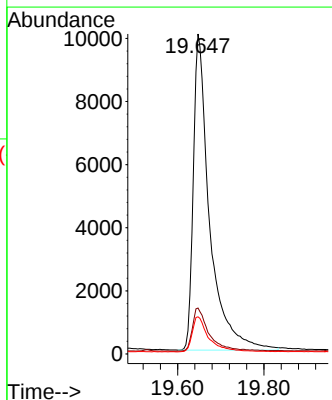
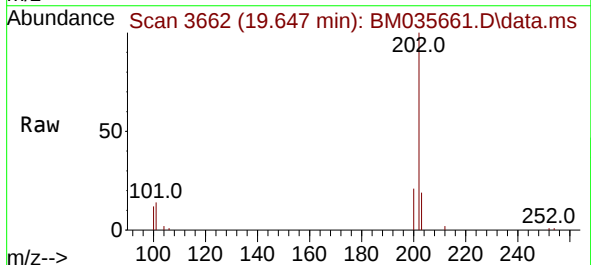
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ClientSampleId :

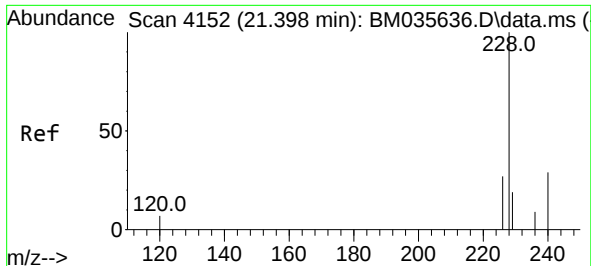
Tgt Ion:202 Resp: 22893
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 10.1 7.5 11.3



#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.647 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

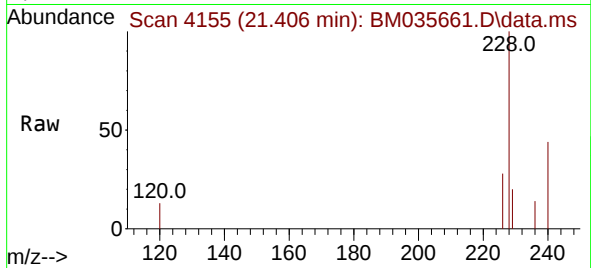
Tgt Ion:202 Resp: 26253
Ion Ratio Lower Upper
202 100
101 14.3 11.6 17.4
100 11.6 9.3 13.9



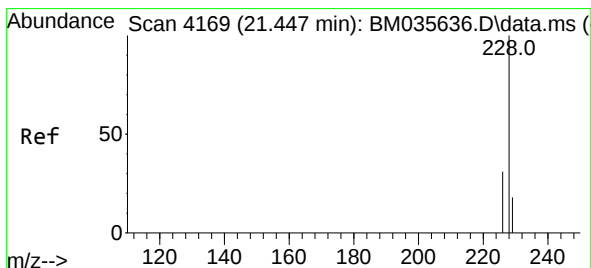
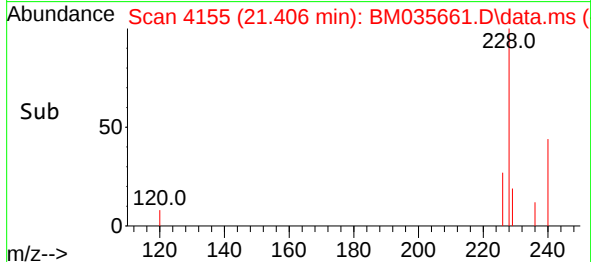
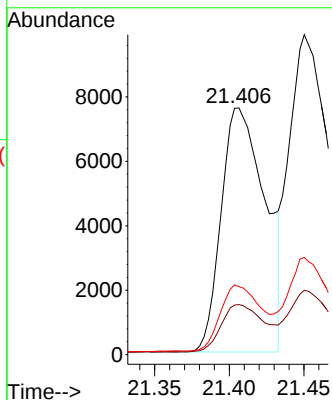


#21
Benzo(a)anthracene
Concen: 0.348 ng/ul
RT: 21.406 min Scan# 41
Delta R.T. 0.007 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

Instrument :
BNA_M
ClientSampleId :

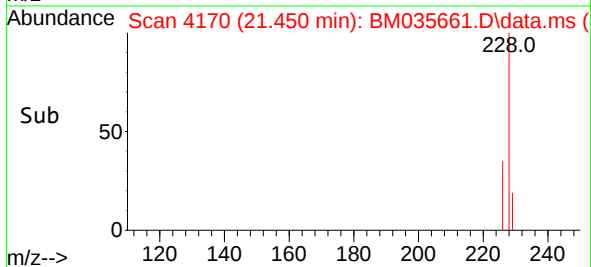
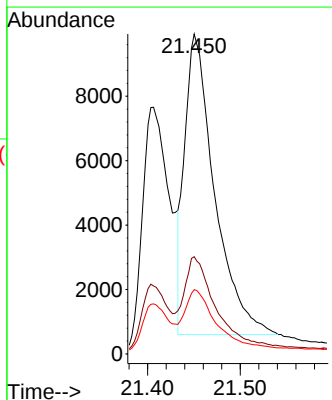
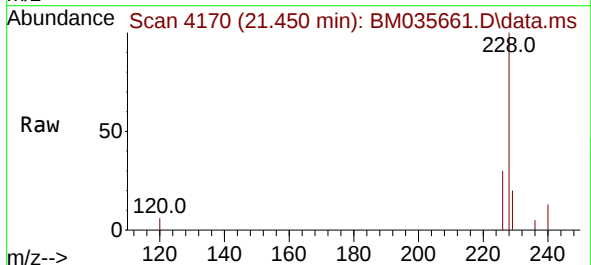


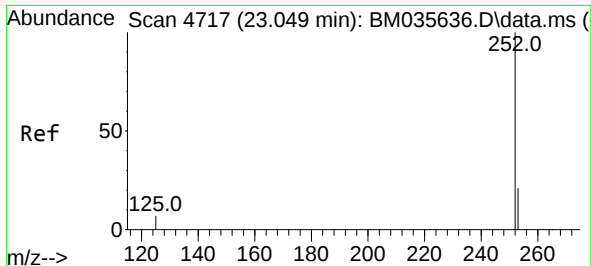
Tgt Ion:228 Resp: 15498
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 27.6 22.3 33.5



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.450 min Scan# 4170
Delta R.T. 0.001 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

Tgt Ion:228 Resp: 20886
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 20.1 15.8 23.8

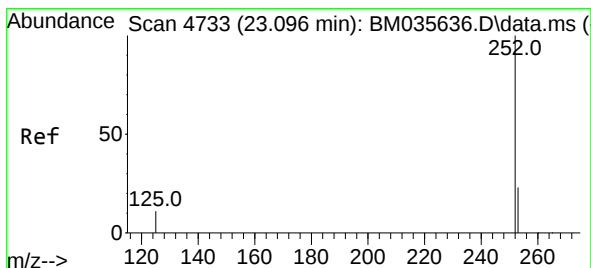
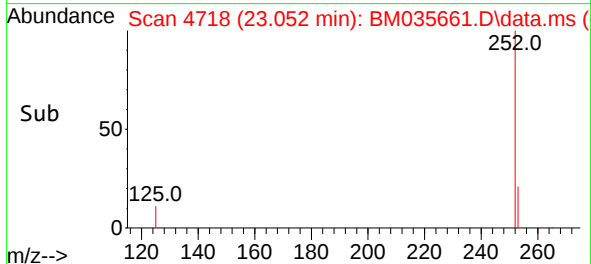
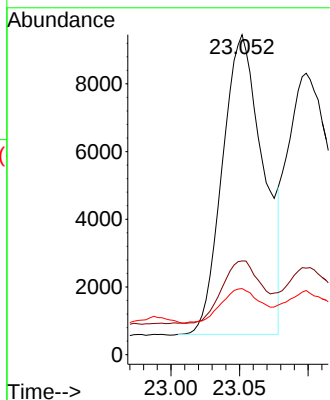
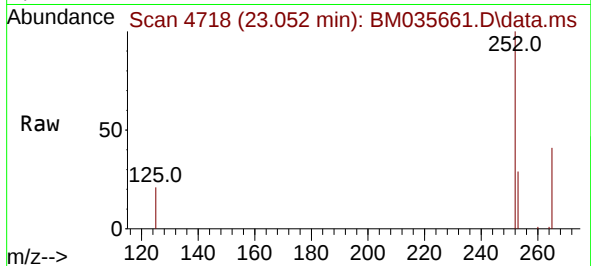




#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 23.052 min Scan# 4718
Delta R.T. 0.001 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

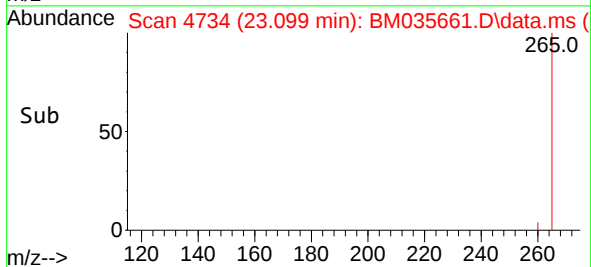
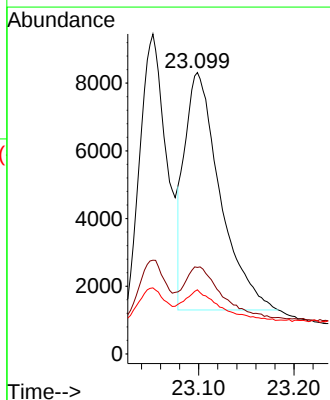
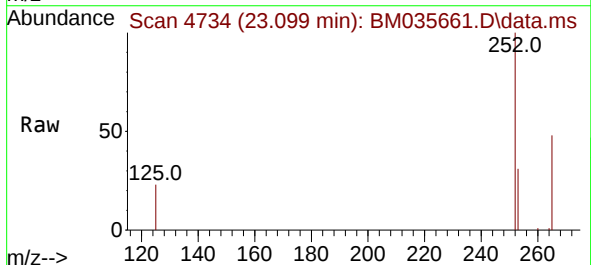
Instrument :
BNA_M
ClientSampleId :

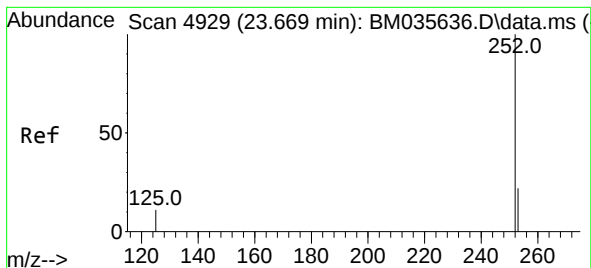
Tgt Ion:252 Resp: 18385
Ion Ratio Lower Upper
252 100
253 29.3 0.0 60.6
125 20.6 0.0 44.8



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. 0.001 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

Tgt Ion:252 Resp: 18096
Ion Ratio Lower Upper
252 100
253 30.8 24.7 37.1
125 22.8 18.2 27.4





#26

Benzo(a)pyrene

Concen: 0.411 ng/ul

RT: 23.675 min Scan# 4929

Delta R.T. 0.007 min

Lab File: BM035661.D

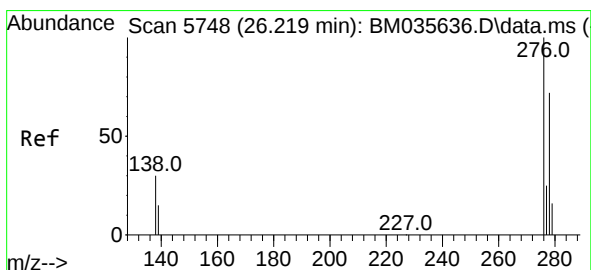
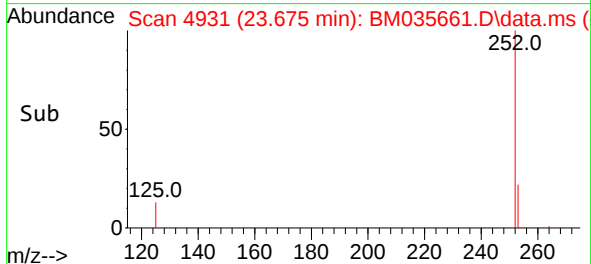
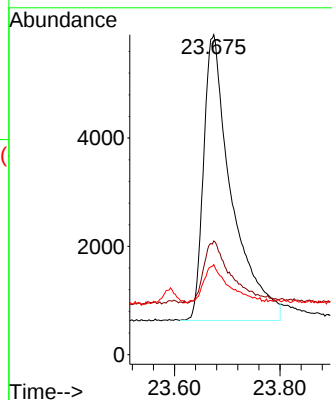
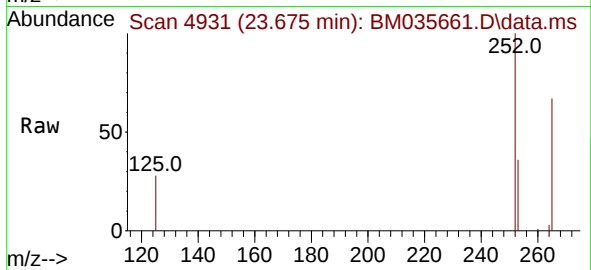
Acq: 24 Jun 2022 14:00

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	19418
Ion Ratio	Lower	Upper
252	100	
253	35.6	27.8 41.6
125	28.2	23.3 34.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.413 ng/ul

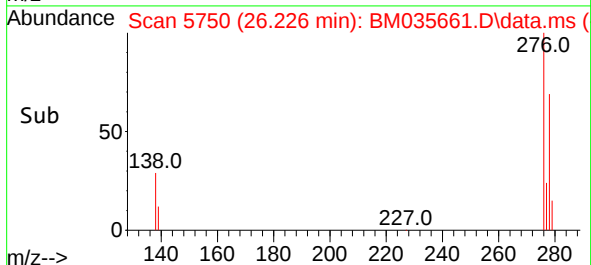
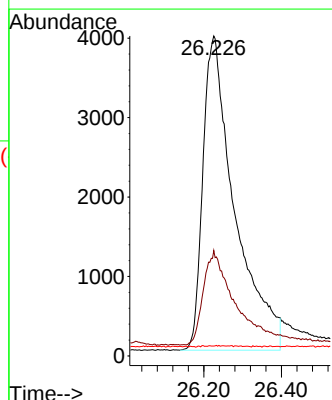
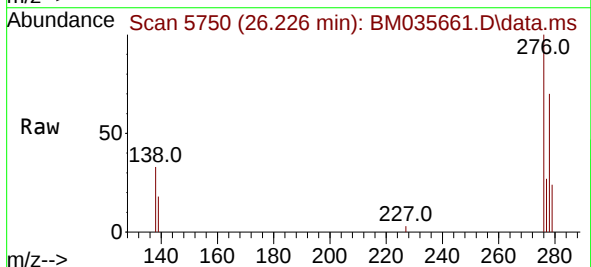
RT: 26.226 min Scan# 5750

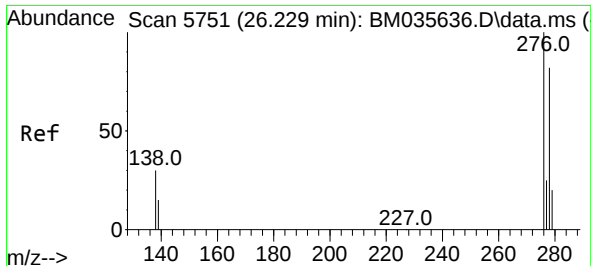
Delta R.T. 0.014 min

Lab File: BM035661.D

Acq: 24 Jun 2022 14:00

Tgt Ion:276	Resp:	22519
Ion Ratio	Lower	Upper
276	100	
138	29.5	24.8 37.2
227	0.1	0.1 0.1#

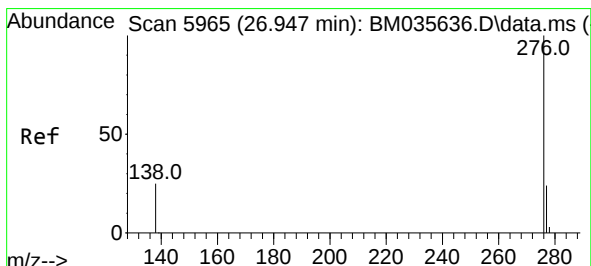
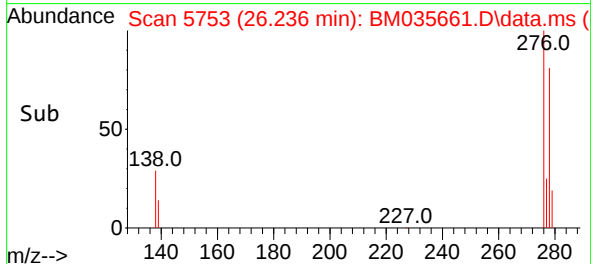
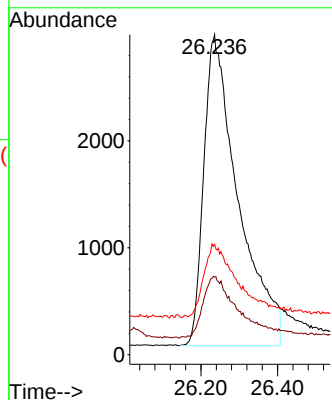
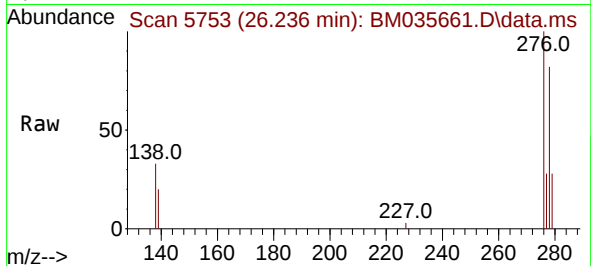




#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.236 min Scan# 5753
Delta R.T. 0.014 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 18190
Ion Ratio Lower Upper
278 100
139 24.3 19.1 28.7
279 34.5 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.430 ng/ul
RT: 26.950 min Scan# 5966
Delta R.T. 0.004 min
Lab File: BM035661.D
Acq: 24 Jun 2022 14:00

Tgt Ion:276 Resp: 20968
Ion Ratio Lower Upper
276 100
138 27.7 23.1 34.7
277 25.9 20.3 30.5

