

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
 Data File : BM021762.D
 Acq On : 02 Aug 2019 17:56
 Operator : HP/JU
 Sample : SSTD0.214
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 02 23:41:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 23:36:26 2019
 Response via : Initial Calibration

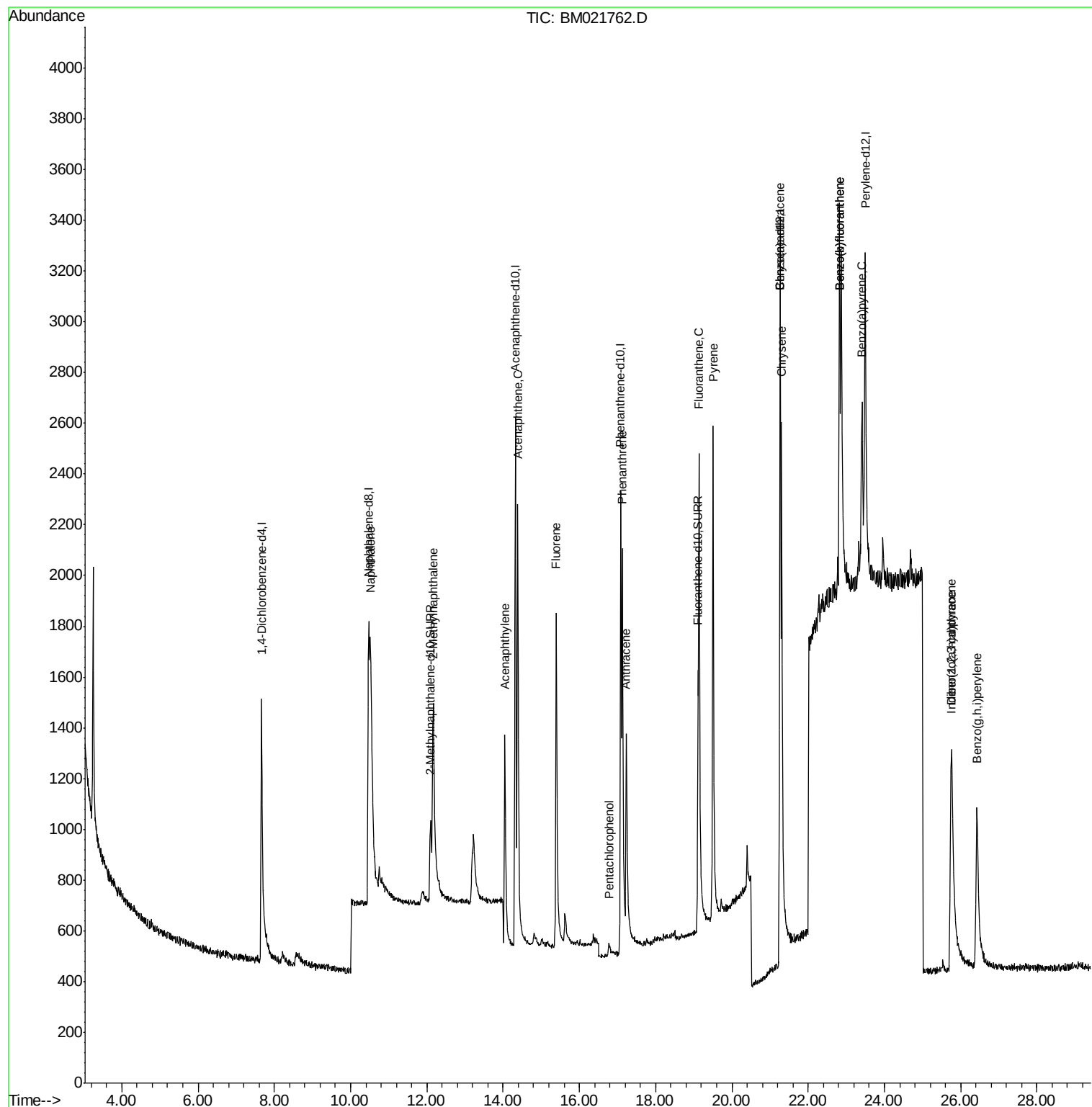
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1065	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	4252	0.40	ng/ul	0.02
6) Acenaphthene-d10	14.32	164	1657	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.08	188	3302	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	2612	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	2351	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	1097	0.22	ng/ul	0.03
14) Fluoranthene-d10	19.11	212	1527	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.53	128	2385	0.222	ng/ul#	87
5) 2-Methylnaphthalene	12.16	142	1282	0.226	ng/ul	99
7) Acenaphthylene	14.05	152	1691	0.187	ng/ul#	92
8) Acenaphthene	14.38	153	1408	0.211	ng/ul	96
9) Fluorene	15.39	166	1450	0.194	ng/ul#	95
11) Pentachlorophenol	16.78	266	84	0.074	ng/ul	95
12) Phenanthrene	17.12	178	2160	0.237	ng/ul	94
13) Anthracene	17.23	178	1570	0.200	ng/ul#	91
15) Fluoranthene	19.14	202	2192	0.192	ng/ul	95
17) Pyrene	19.50	202	2361	0.319	ng/ul	99
18) Benzo(a)anthracene	21.26	228	1569	0.193	ng/ul	98
19) Chrysene	21.30	228	2821	0.275	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	2178	0.251	ng/ul	86
22) Benzo(k)fluoranthene	22.82	252	2178	0.248	ng/ul	89
23) Benzo(a)pyrene	23.41	252	1725	0.221	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.74	276	1846	0.177	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.77	278	1474	0.180	ng/ul#	86
26) Benzo(g,h,i)perylene	26.43	276	1792	0.179	ng/ul	91

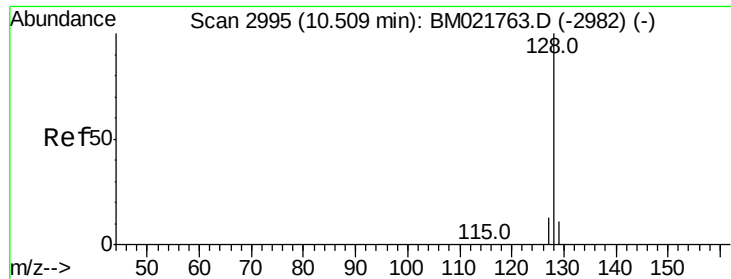
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
Data File : BM021762.D
Acq On : 02 Aug 2019 17:56
Operator : HP/JU
Sample : SST0.214
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 02 23:41:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 23:36:26 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.222 ng/ul

RT: 10.53 min Scan# 2999

Delta R.T. 0.02 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

Instrument :

BNA_M

ClientSampleId :

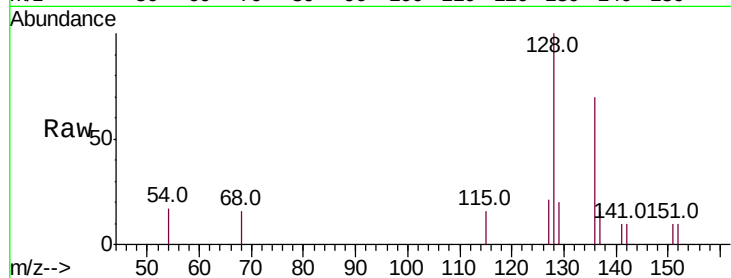
Tot Ion:128 Resp: 2385

Ion Ratio Lower Upper

128 100

129 19.7 11.8 17.6#

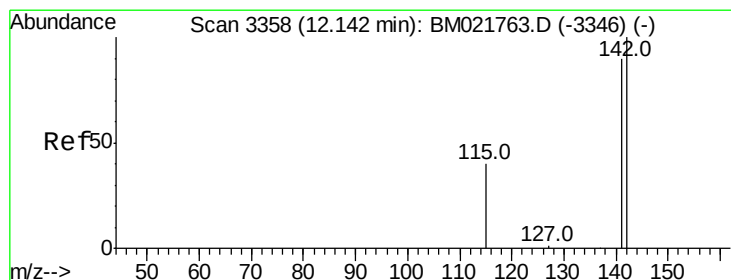
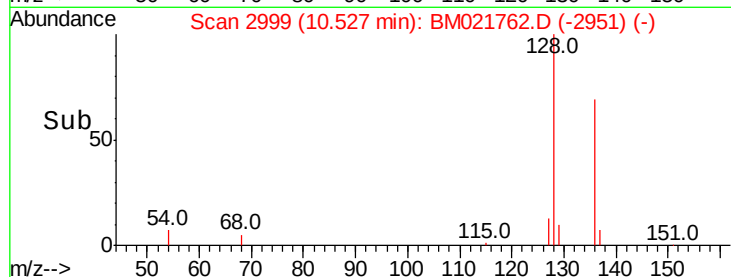
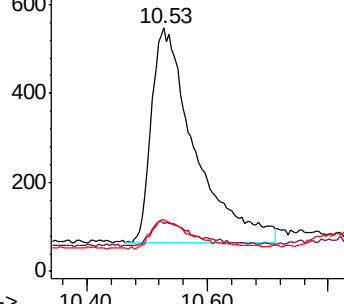
127 21.4 12.6 18.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.226 ng/ul

RT: 12.16 min Scan# 3363

Delta R.T. 0.02 min

Lab File: BM021762.D

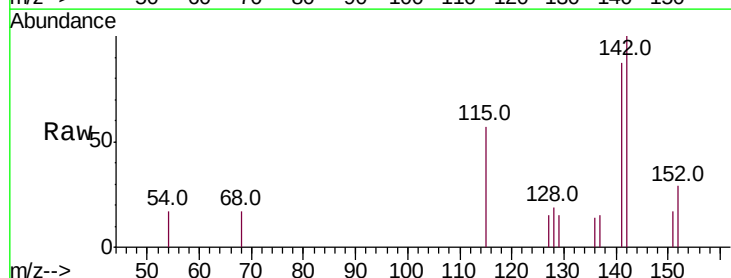
Acq: 02 Aug 2019 17:56

Tgt Ion:142 Resp: 1282

Ion Ratio Lower Upper

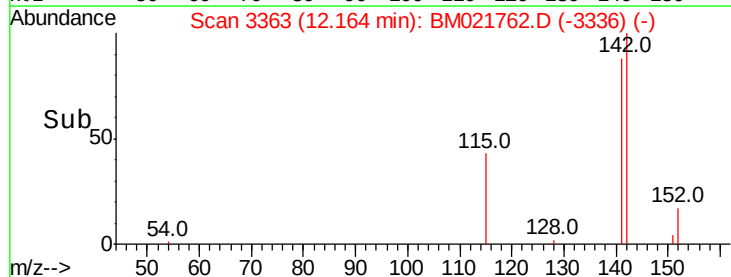
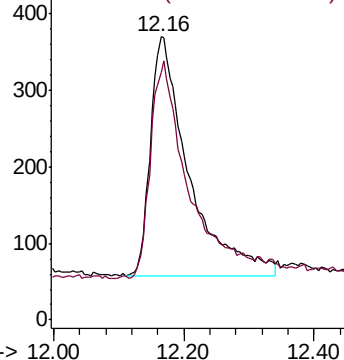
142 100

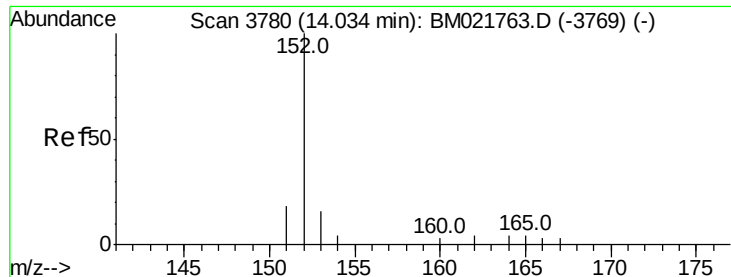
141 93.2 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.187 ng/ul

RT: 14.05 min Scan# 3783

Delta R.T. 0.01 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

Instrument :

BNA_M

ClientSampleId :

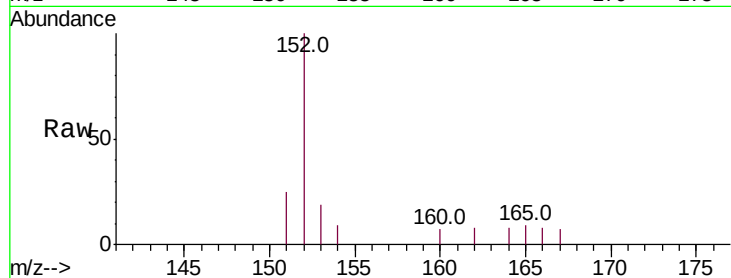
Tot Ion:152 Resp: 1691

Ion Ratio Lower Upper

152 100

151 25.3 17.0 25.4

153 19.0 12.6 19.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.05

600

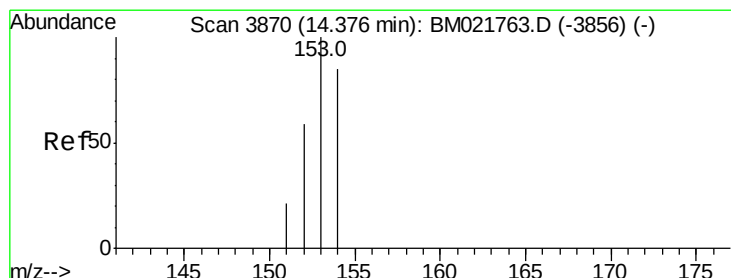
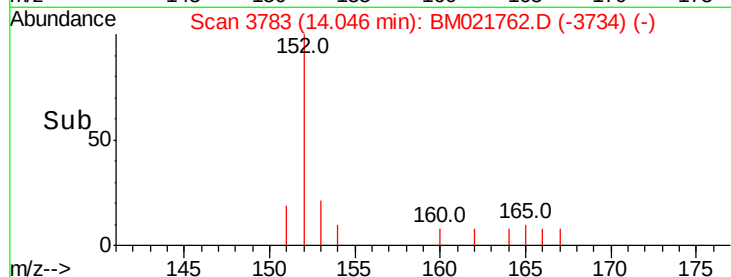
400

200

0

Time-->

14.00 14.20



#8

Acenaphthene

Concen: 0.211 ng/ul

RT: 14.38 min Scan# 3872

Delta R.T. 0.01 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

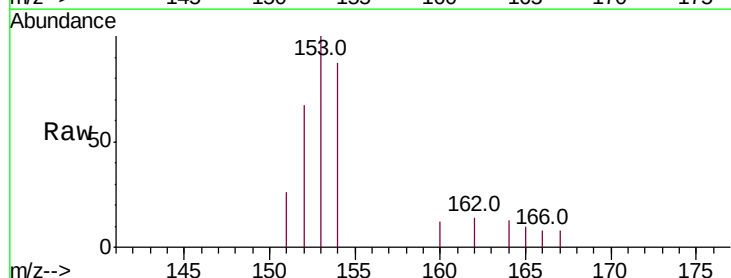
Tgt Ion:153 Resp: 1408

Ion Ratio Lower Upper

153 100

152 67.4 48.9 73.3

154 87.1 69.0 103.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.38

600

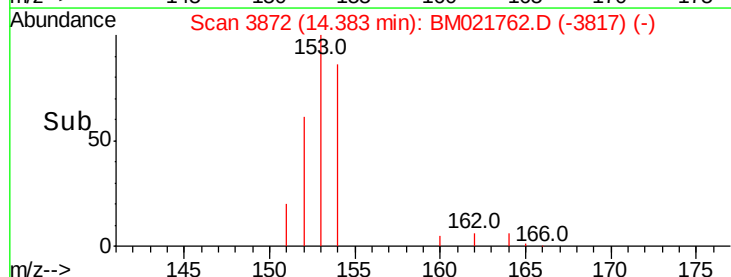
400

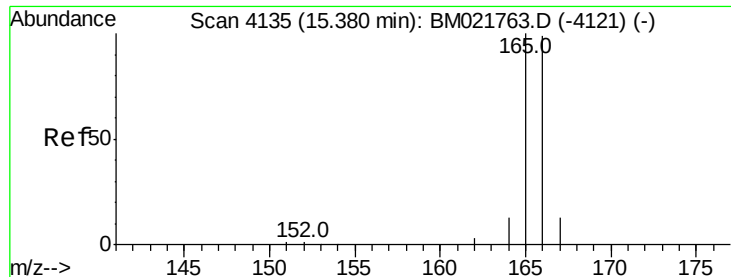
200

0

Time-->

14.30 14.40 14.50





#9

Fluorene

Concen: 0.194 ng/ul

RT: 15.39 min Scan# 4138

Delta R.T. 0.01 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

Instrument :

BNA_M

ClientSampleId :

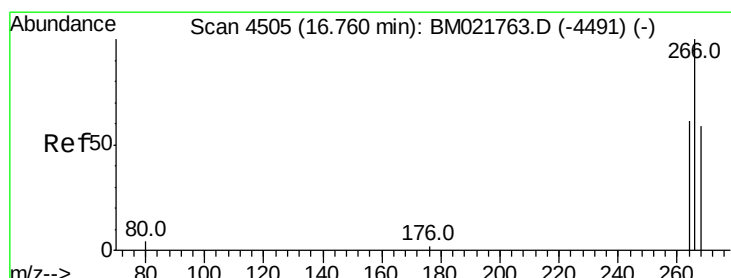
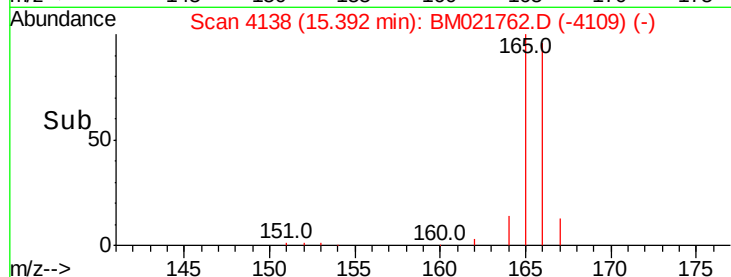
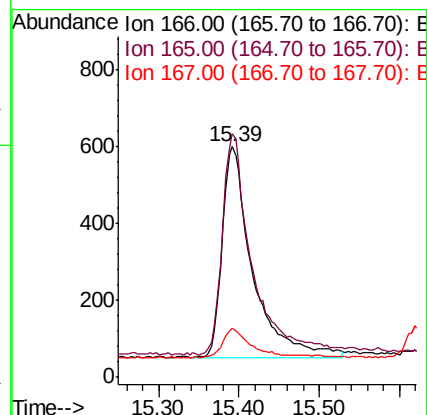
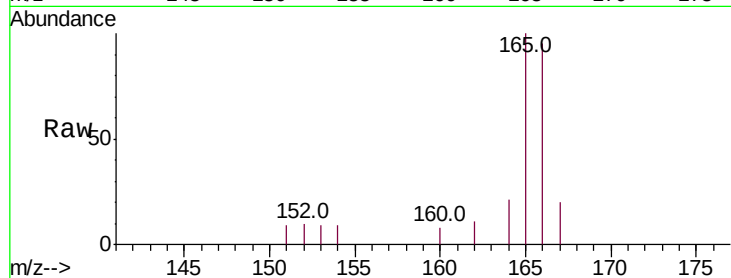
Tot Ion:166 Resp: 1450

Ion Ratio Lower Upper

166 100

165 105.7 81.6 122.4

167 21.4 12.8 19.2#



#11

Pentachlorophenol

Concen: 0.074 ng/ul

RT: 16.78 min Scan# 4511

Delta R.T. 0.02 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

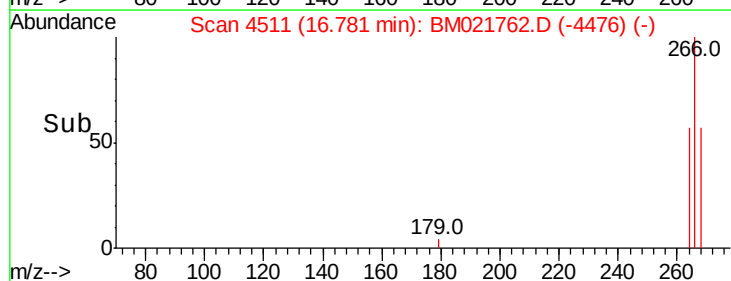
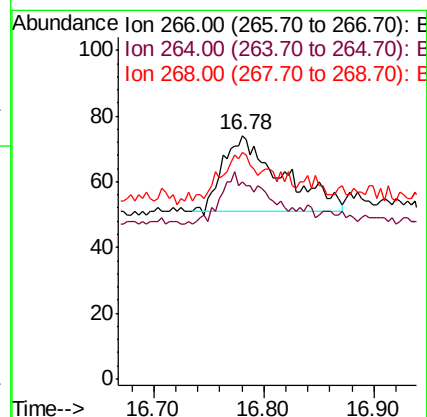
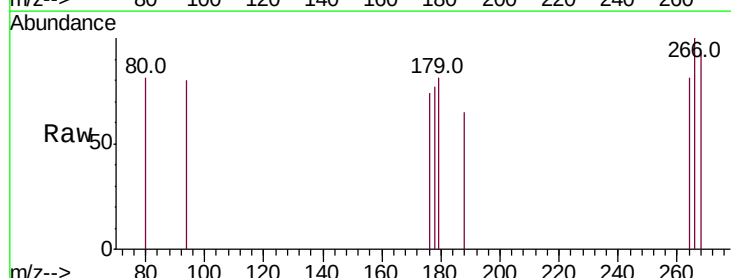
Tgt Ion:266 Resp: 84

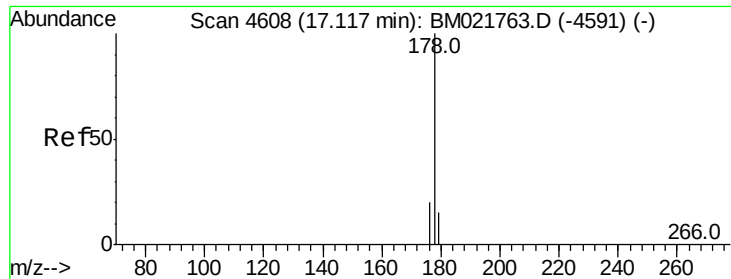
Ion Ratio Lower Upper

266 100

264 59.5 51.8 77.6

268 47.6 36.2 54.4

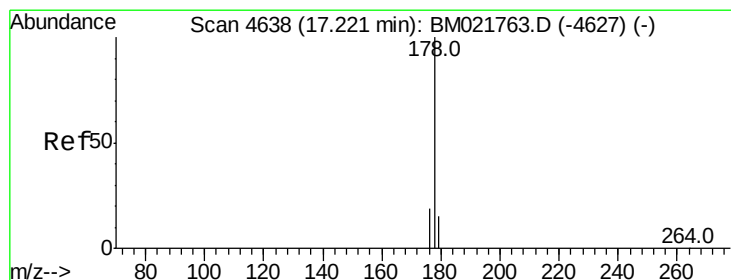
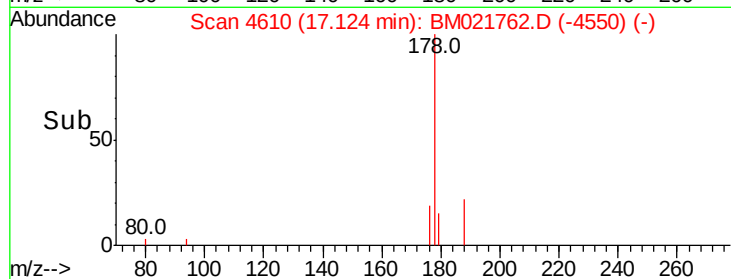
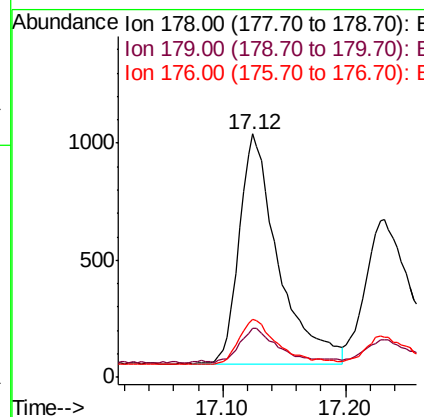
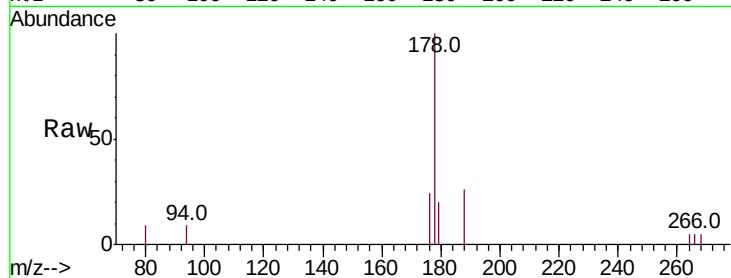




#12
Phenanthrene
Concen: 0.237 ng/ul
RT: 17.12 min Scan# 4610
Delta R.T. 0.01 min
Lab File: BM021762.D
Acq: 02 Aug 2019 17:56

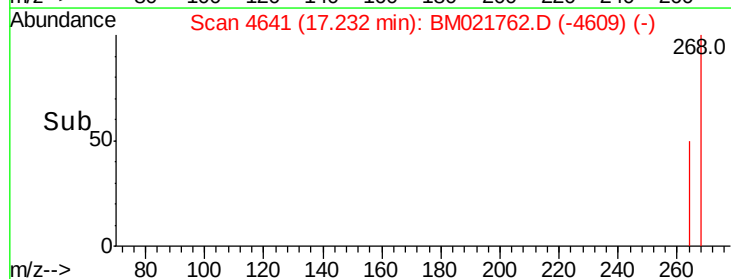
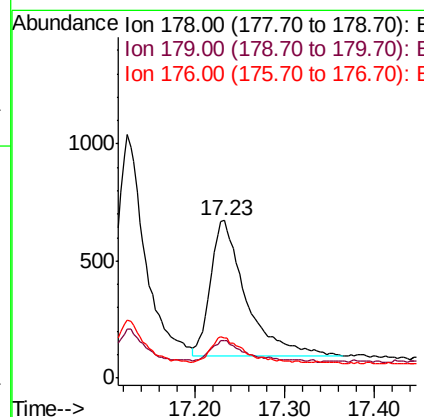
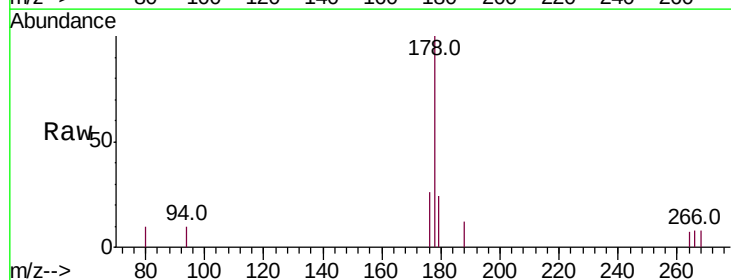
Instrument :
BNA_M
ClientSampleId :

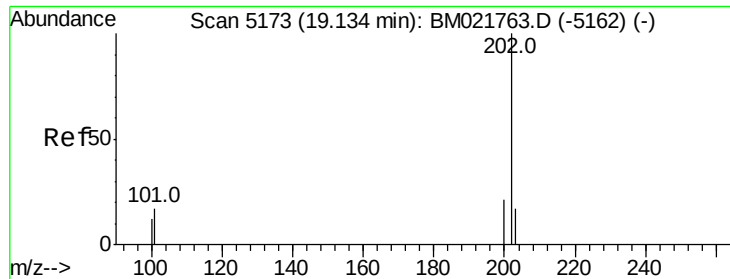
Tot Ion:178 Resp: 2160
Ion Ratio Lower Upper
178 100
179 20.3 13.8 20.6
176 23.8 17.4 26.0



#13
Anthracene
Concen: 0.200 ng/ul
RT: 17.23 min Scan# 4641
Delta R.T. 0.01 min
Lab File: BM021762.D
Acq: 02 Aug 2019 17:56

Tgt Ion:178 Resp: 1570
Ion Ratio Lower Upper
178 100
179 23.7 15.2 22.8#
176 25.6 17.4 26.0

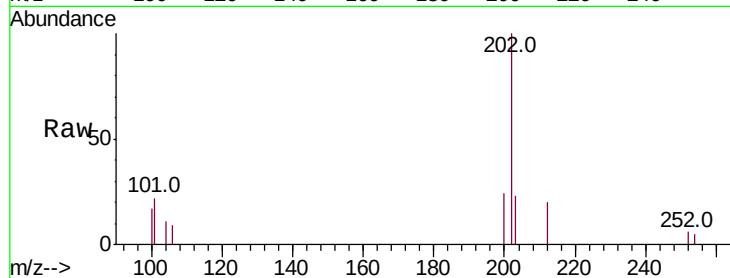




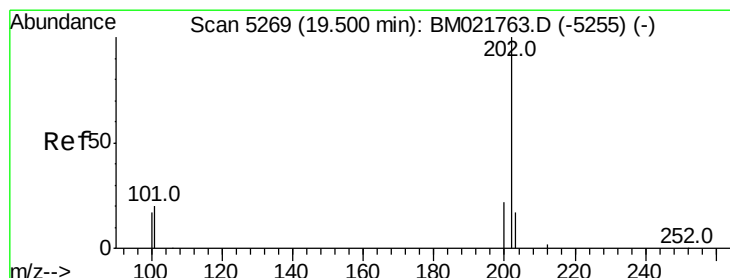
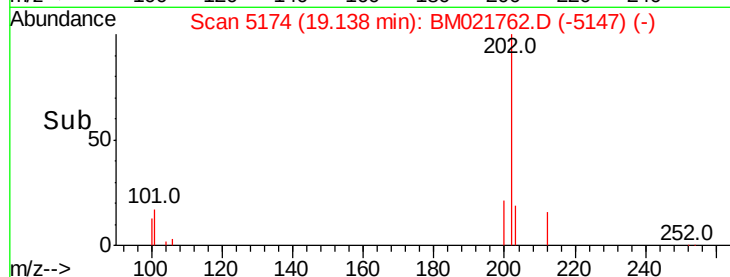
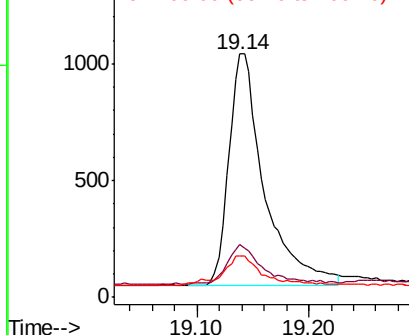
#15
Fluoranthene
Concen: 0.192 ng/ul
RT: 19.14 min Scan# 5174
Delta R.T. 0.00 min
Lab File: BM021762.D
Acq: 02 Aug 2019 17:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 2192
Ion Ratio Lower Upper
202 100
101 21.7 0.0 39.0
100 16.8 0.0 35.4

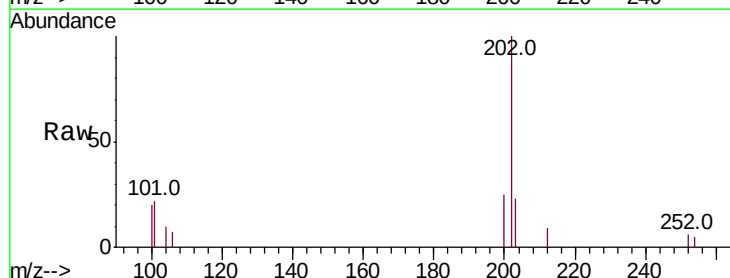


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

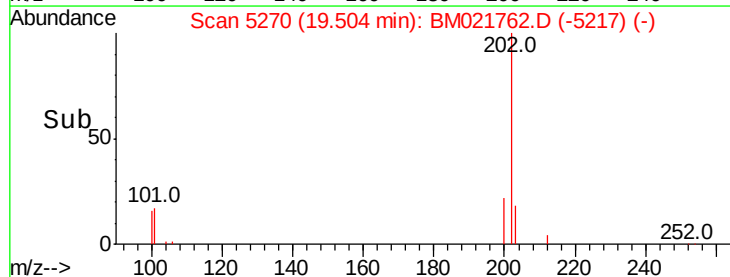
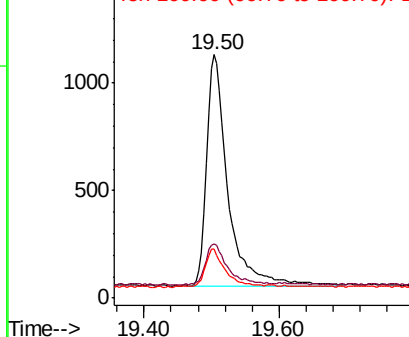


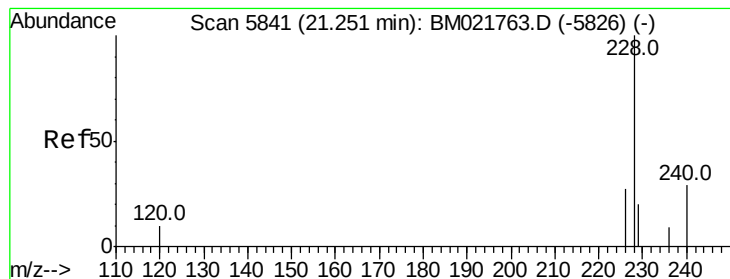
#17
Pyrene
Concen: 0.319 ng/ul
RT: 19.50 min Scan# 5270
Delta R.T. 0.00 min
Lab File: BM021762.D
Acq: 02 Aug 2019 17:56

Tgt Ion:202 Resp: 2361
Ion Ratio Lower Upper
202 100
101 22.4 18.0 27.0
100 20.1 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.193 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. 0.00 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

Instrument :

BNA_M

ClientSampleId :

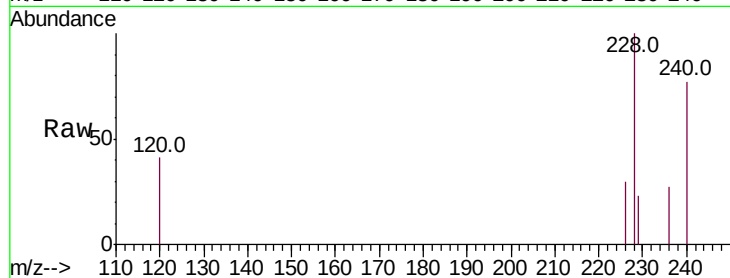
Tot Ion:228 Resp: 1569

Ion Ratio Lower Upper

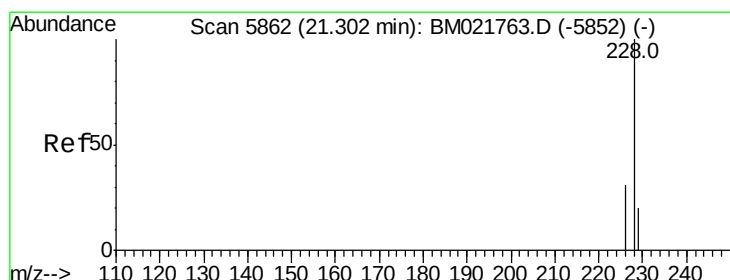
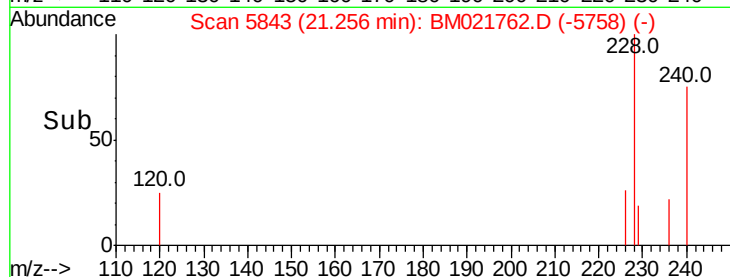
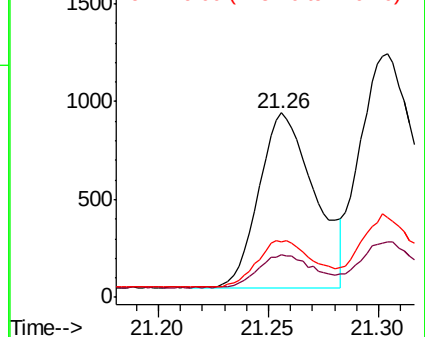
228 100

229 23.3 17.6 26.4

226 30.2 23.4 35.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.275 ng/ul

RT: 21.30 min Scan# 5863

Delta R.T. 0.00 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

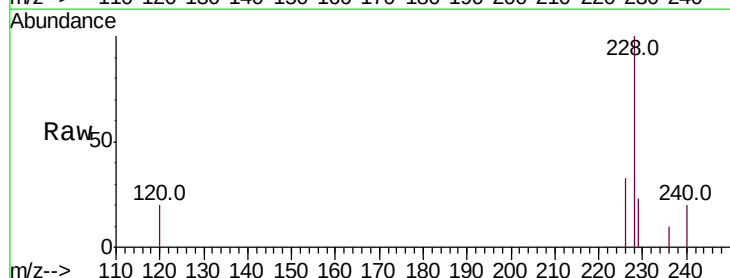
Tgt Ion:228 Resp: 2821

Ion Ratio Lower Upper

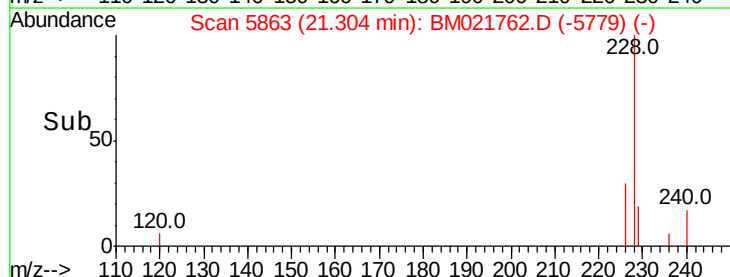
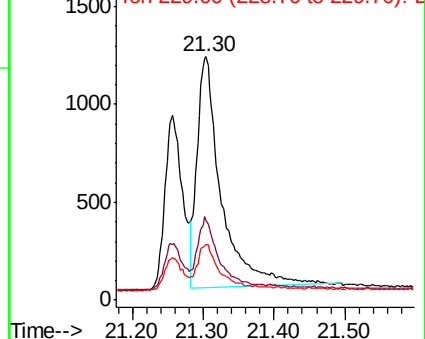
228 100

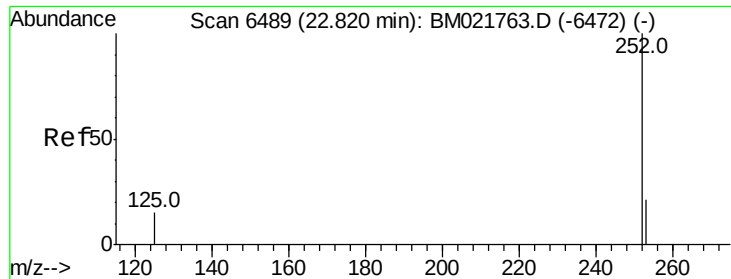
226 33.0 25.4 38.0

229 22.7 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.251 ng/ul

RT: 22.82 min Scan# 6490

Delta R.T. 0.00 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

Instrument :

BNA_M

ClientSampleId :

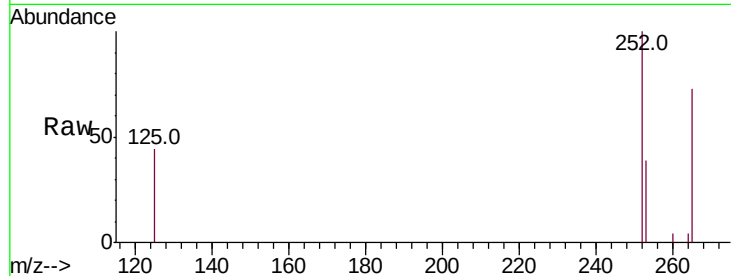
Tot Ion:252 Resp: 2178

Ion Ratio Lower Upper

252 100

253 38.6 0.0 63.2

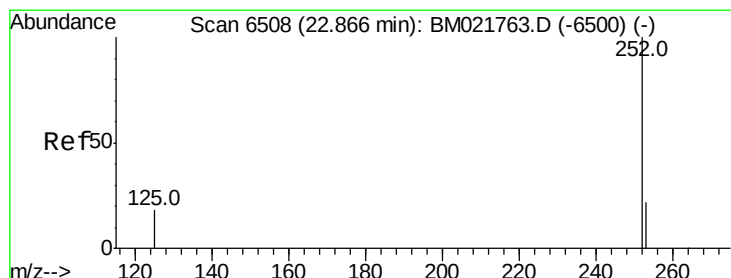
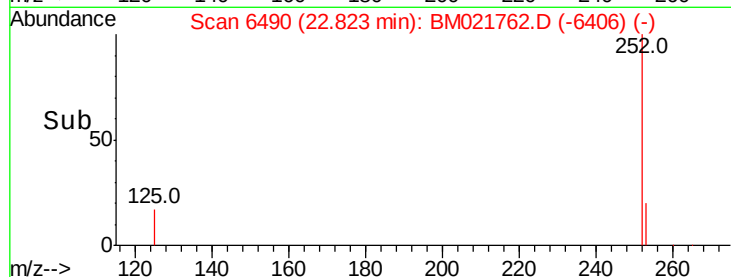
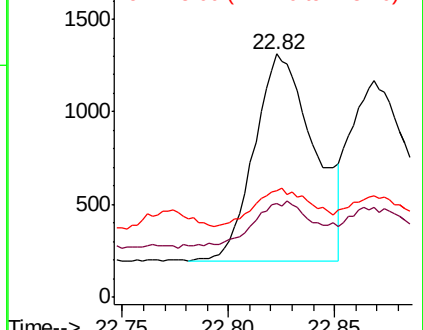
125 43.7 0.0 69.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.248 ng/ul

RT: 22.82 min Scan# 6490

Delta R.T. -0.04 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

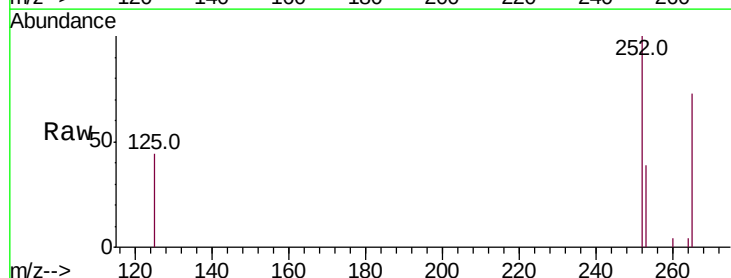
Tgt Ion:252 Resp: 2178

Ion Ratio Lower Upper

252 100

253 38.6 26.4 39.6

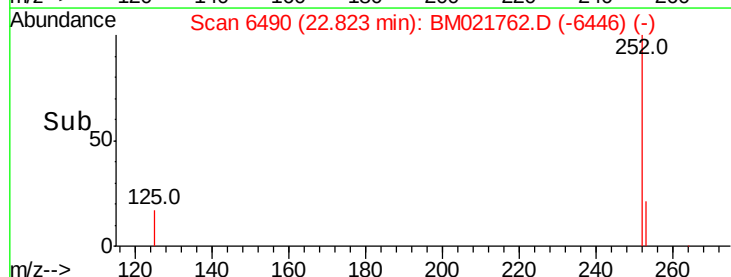
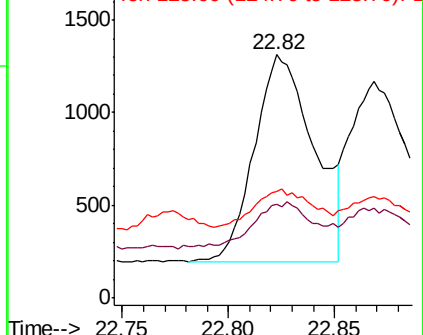
125 43.7 29.2 43.8

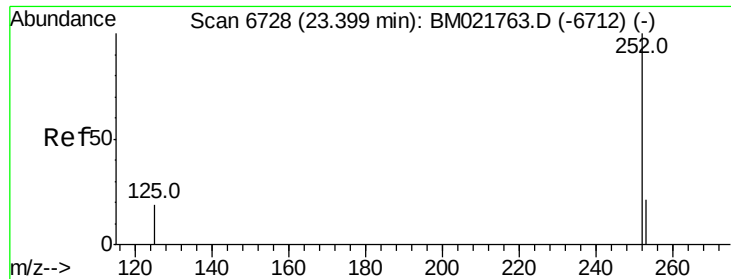


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.221 ng/ul

RT: 23.41 min Scan# 6731

Delta R.T. 0.01 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

Instrument :

BNA_M

ClientSampleId :

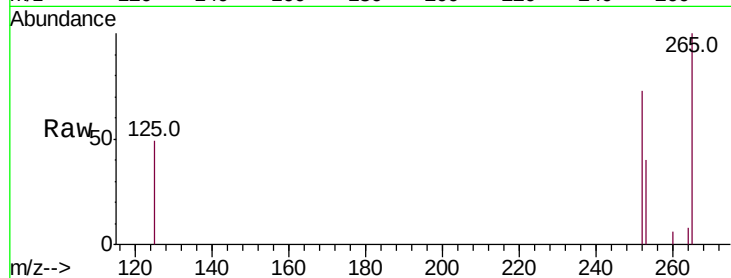
Tot Ion:252 Resp: 1725

Ion Ratio Lower Upper

252 100

253 54.2 32.2 48.4#

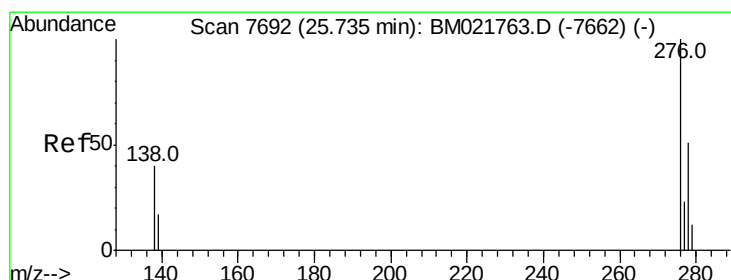
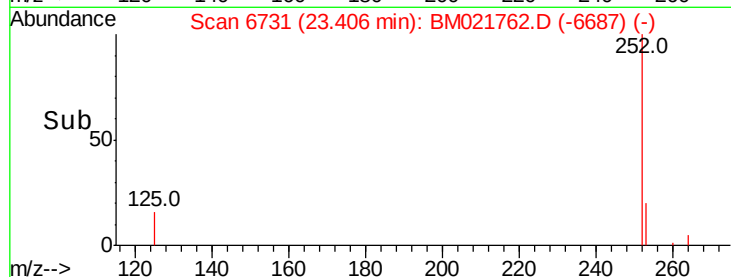
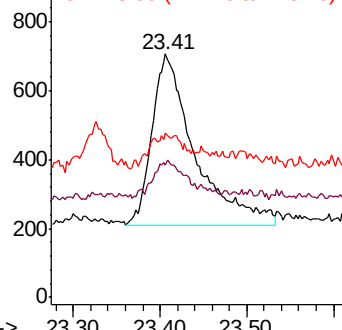
125 67.8 38.6 58.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.177 ng/ul

RT: 25.74 min Scan# 7695

Delta R.T. 0.01 min

Lab File: BM021762.D

Acq: 02 Aug 2019 17:56

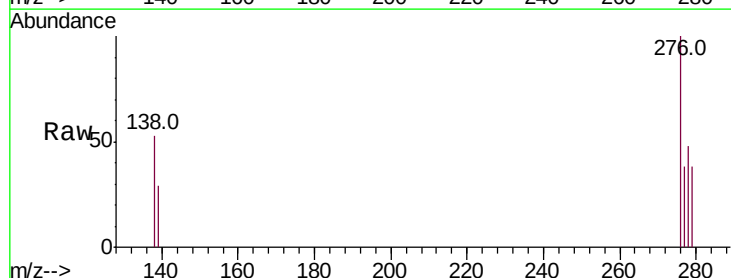
Tgt Ion:276 Resp: 1846

Ion Ratio Lower Upper

276 100

138 43.4 35.1 52.7

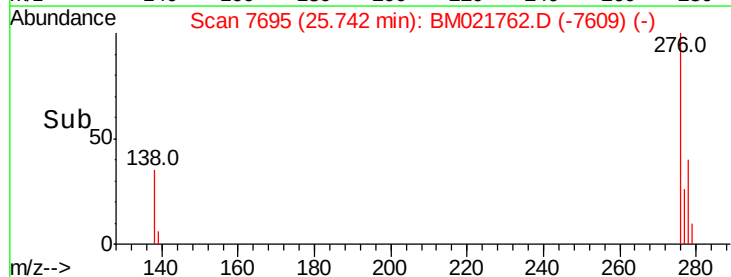
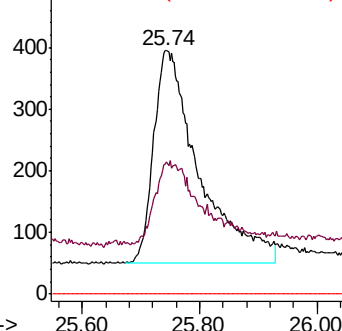
227 0.0 0.0 0.0

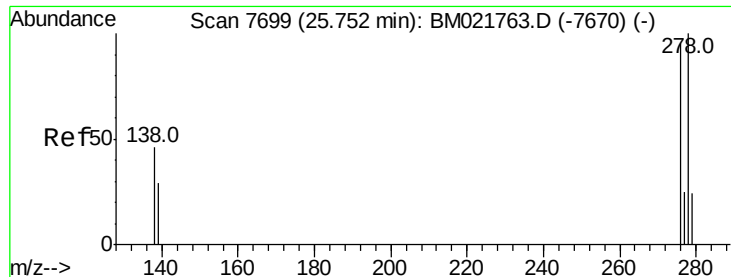


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

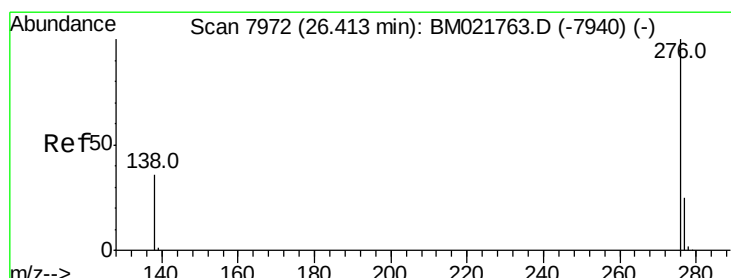
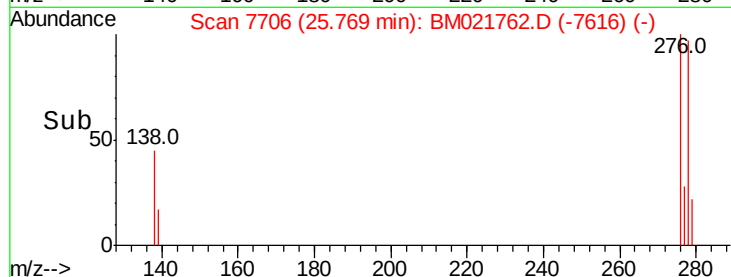
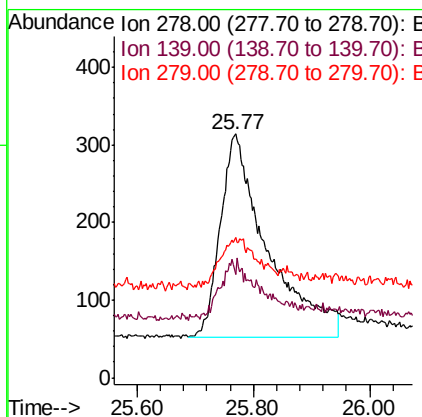
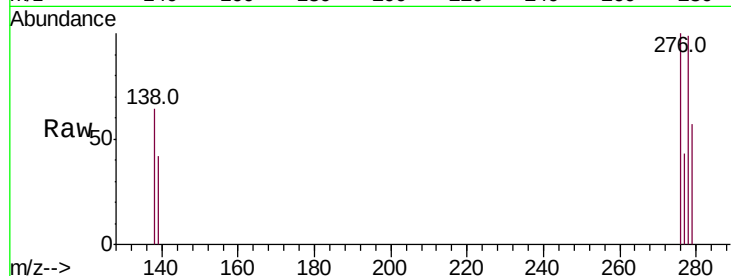




#25
Dibenzo(a,h)anthracene
Concen: 0.180 ng/ul
RT: 25.77 min Scan# 7706
Delta R.T. 0.02 min
Lab File: BM021762.D
Acq: 02 Aug 2019 17:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1474
Ion Ratio Lower Upper
278 100
139 42.4 31.6 47.4
279 57.6 34.2 51.2#



#26
Benzo(g,h,i)perylene
Concen: 0.179 ng/ul
RT: 26.43 min Scan# 7978
Delta R.T. 0.01 min
Lab File: BM021762.D
Acq: 02 Aug 2019 17:56

Tgt Ion:276 Resp: 1792
Ion Ratio Lower Upper
276 100
138 50.5 36.0 54.0
277 35.3 24.4 36.6

