

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
 Data File : BM021767.D
 Acq On : 02 Aug 2019 20:58
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 00:08:33 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 23:50:01 2019
 Response via : Initial Calibration

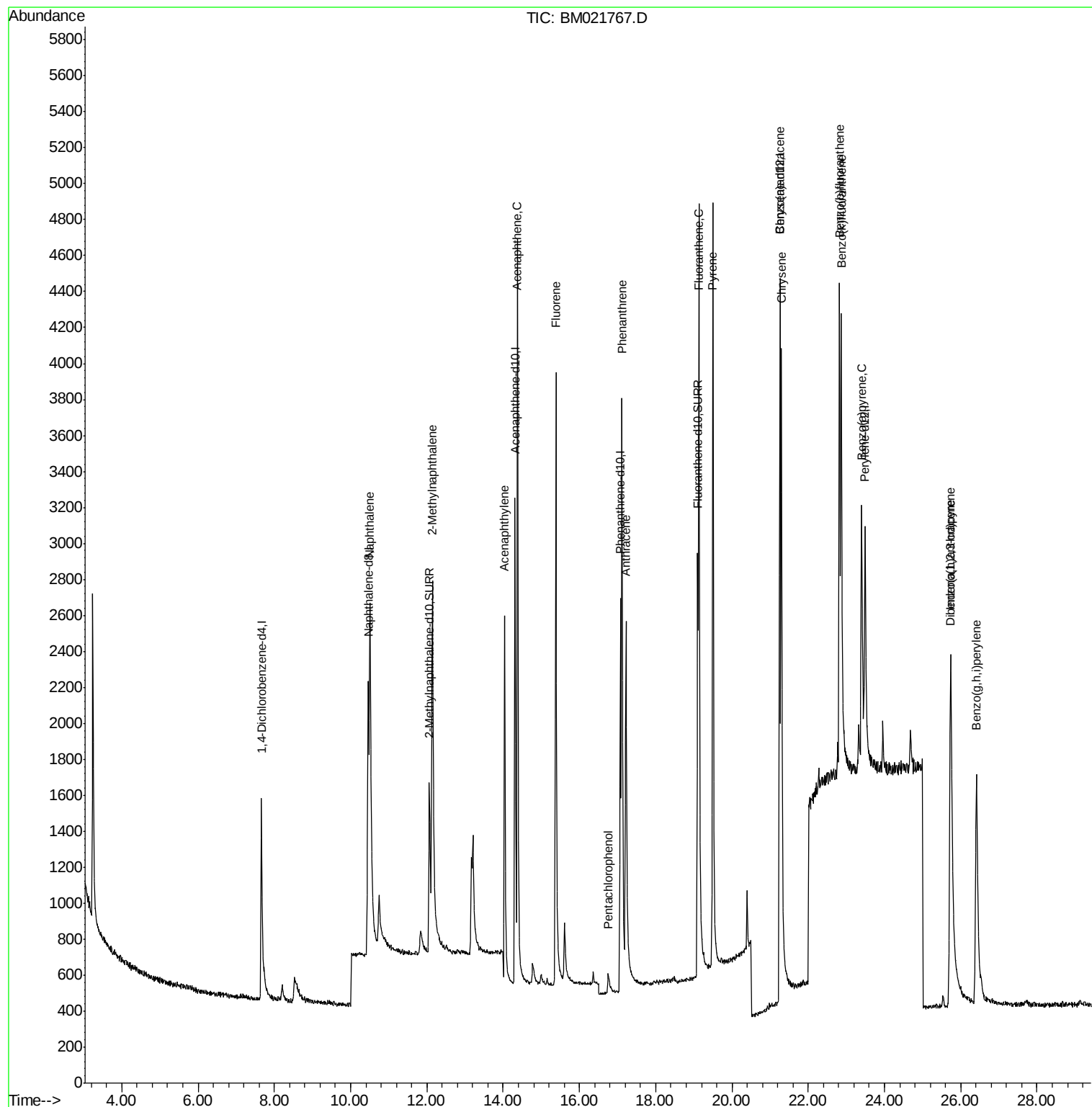
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	985	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	4270	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	1896	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.08	188	3594	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	2578	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	2361	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	2407	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	3286	0.40	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	4690	0.392	ng/ul	100
5) 2-Methylnaphthalene	12.14	142	2886	0.420	ng/ul	99
7) Acenaphthylene	14.03	152	3546	0.373	ng/ul	98
8) Acenaphthene	14.38	153	3127	0.387	ng/ul	97
9) Fluorene	15.38	166	3229	0.382	ng/ul	97
11) Pentachlorophenol	16.75	266	196	0.389	ng/ul#	82
12) Phenanthrene	17.12	178	4669	0.388	ng/ul	99
13) Anthracene	17.22	178	3575	0.391	ng/ul	99
15) Fluoranthene	19.13	202	4466	0.373	ng/ul	97
17) Pyrene	19.50	202	4702	0.412	ng/ul	97
18) Benzo(a)anthracene	21.25	228	3076	0.399	ng/ul	99
19) Chrysene	21.30	228	4773	0.368	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	3788	0.360	ng/ul	97
22) Benzo(k)fluoranthene	22.86	252	4332	0.390	ng/ul	96
23) Benzo(a)pyrene	23.40	252	3134	0.379	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.73	276	3703	0.388	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.75	278	2890	0.388	ng/ul	95
26) Benzo(g,h,i)perylene	26.41	276	3512	0.382	ng/ul	99

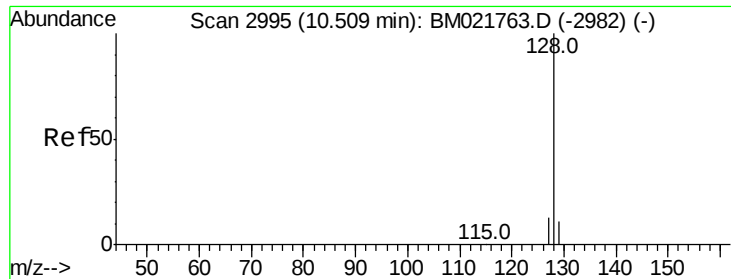
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 23:50:01 2019
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#3

Naphthalene

Concen: 0.392 ng/ul

RT: 10.51 min Scan# 2995

Delta R.T. 0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

Instrument :

BNA_M

ClientSampleId :

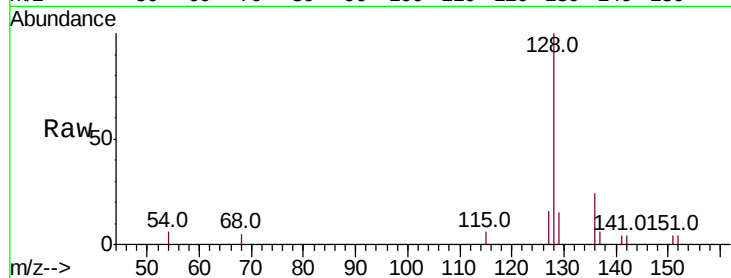
Tot Ion:128 Resp: 4690

Ion Ratio Lower Upper

128 100

129 14.8 11.8 17.6

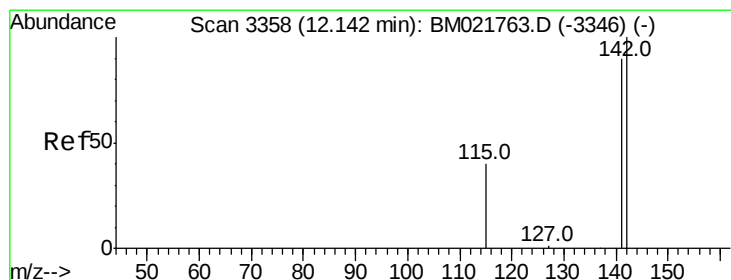
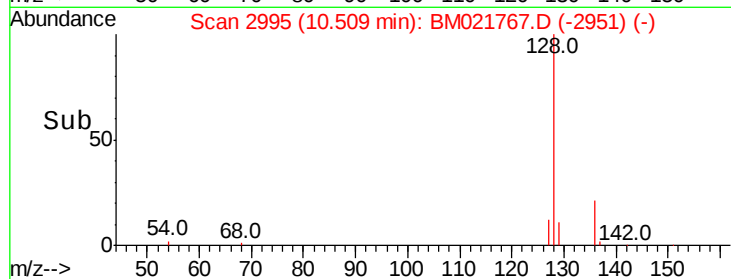
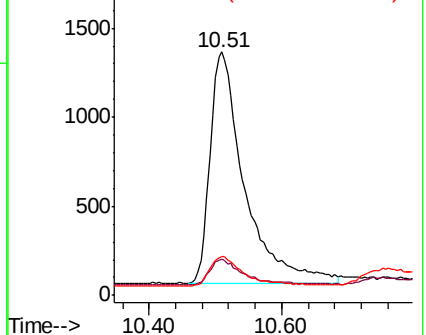
127 15.9 12.6 18.8



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: 0.420 ng/ul

RT: 12.14 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM021767.D

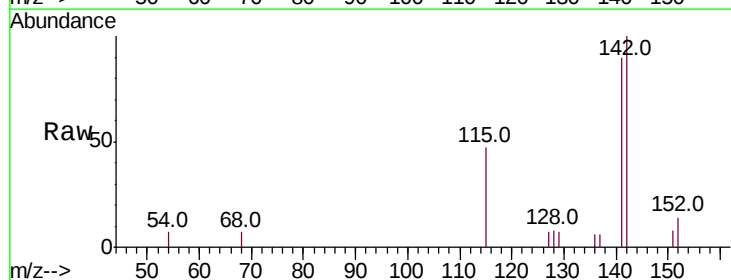
Acq: 02 Aug 2019 20:58

Tgt Ion:142 Resp: 2886

Ion Ratio Lower Upper

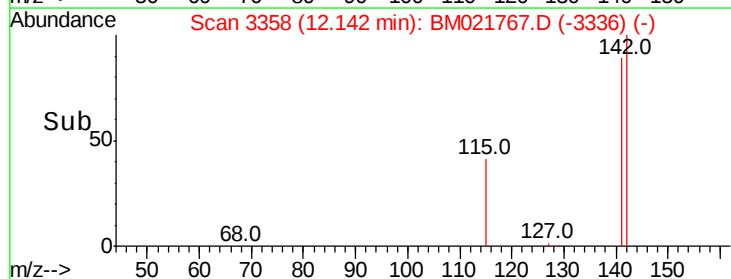
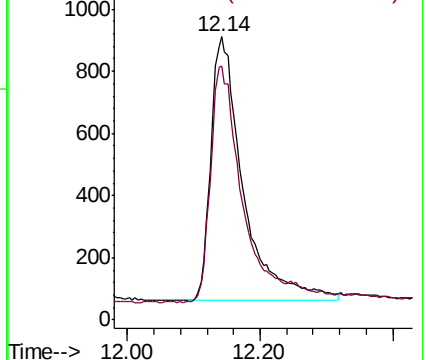
142 100

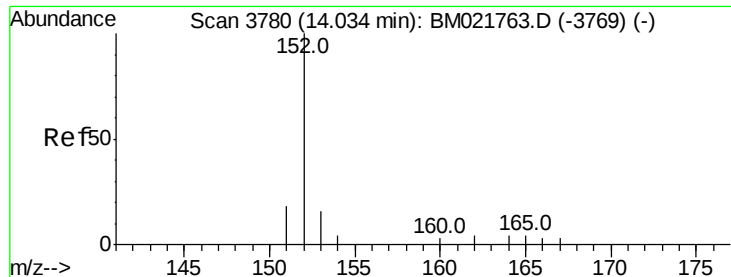
141 91.5 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.373 ng/ul

RT: 14.03 min Scan# 3780

Delta R.T. 0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

Instrument :

BNA_M

ClientSampleId :

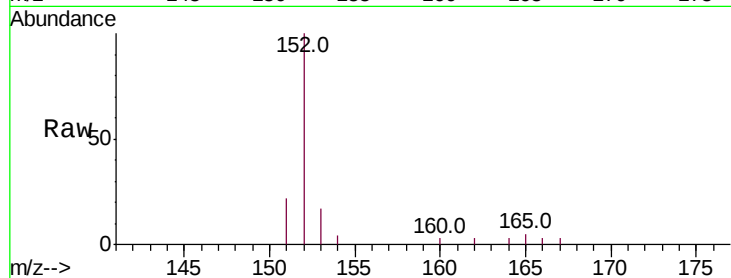
Tot Ion:152 Resp: 3546

Ion Ratio Lower Upper

152 100

151 21.9 17.0 25.4

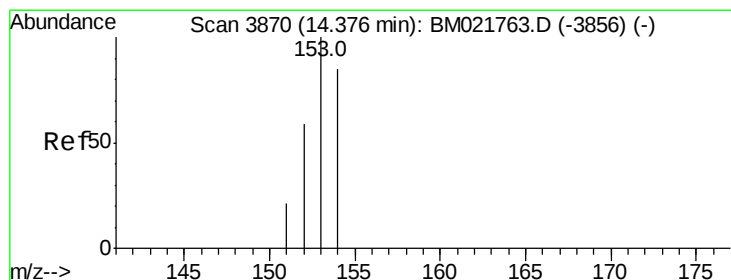
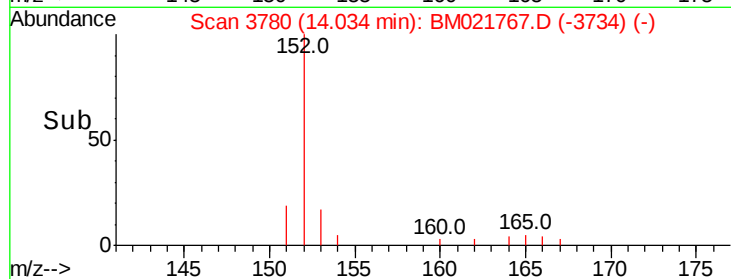
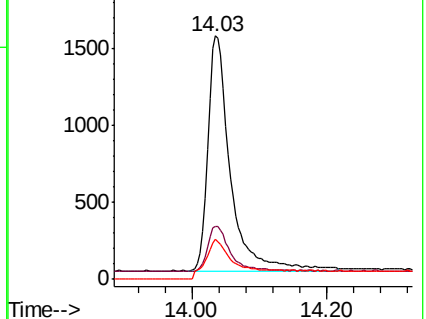
153 16.6 12.6 19.0



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



#8

Acenaphthene

Concen: 0.387 ng/ul

RT: 14.38 min Scan# 3870

Delta R.T. 0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

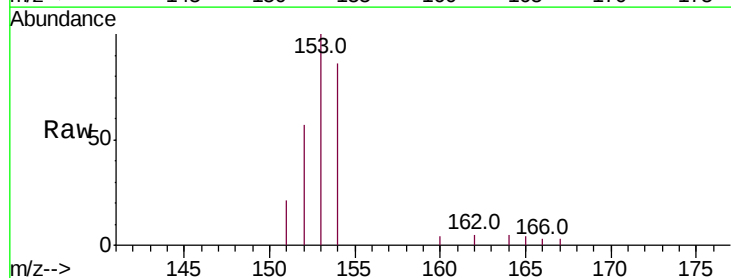
Tgt Ion:153 Resp: 3127

Ion Ratio Lower Upper

153 100

152 56.8 48.9 73.3

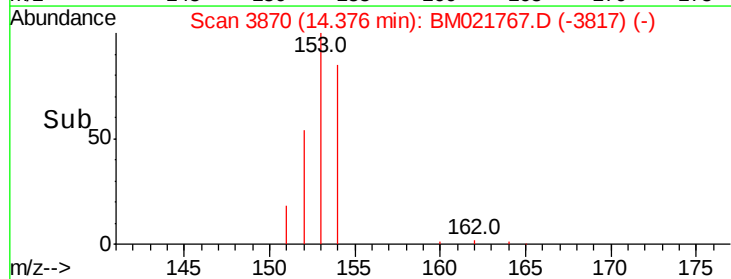
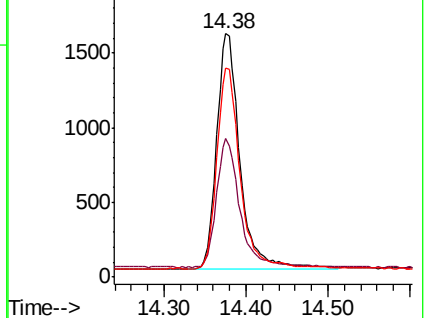
154 85.6 69.0 103.6

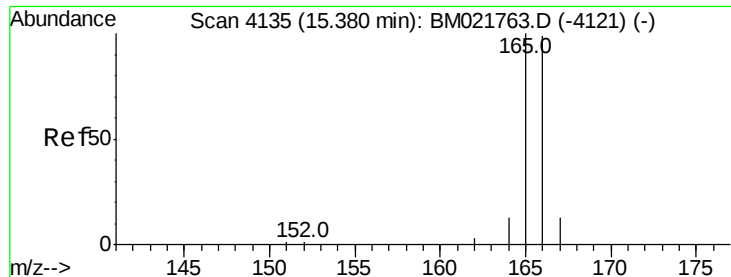


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.382 ng/ul

RT: 15.38 min Scan# 4135

Delta R.T. 0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

Instrument :

BNA_M

ClientSampleId :

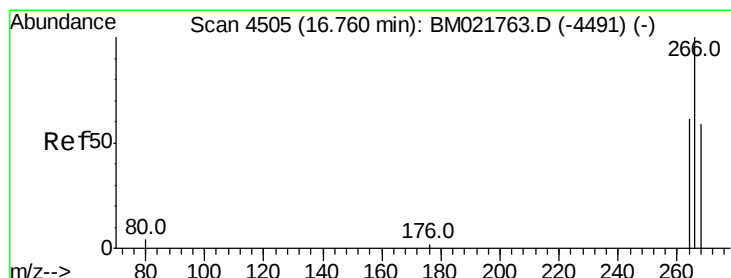
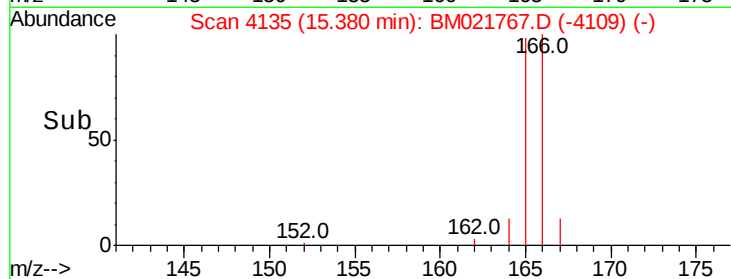
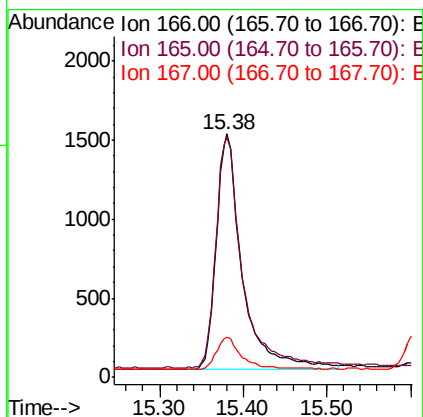
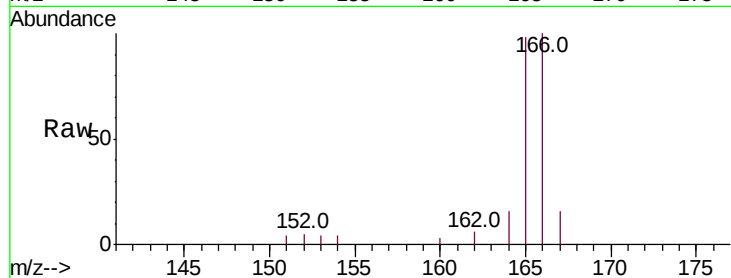
Tot Ion:166 Resp: 3229

Ion Ratio Lower Upper

166 100

165 98.2 81.6 122.4

167 16.4 12.8 19.2



#11

Pentachlorophenol

Concen: 0.389 ng/ul

RT: 16.75 min Scan# 4503

Delta R.T. -0.01 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

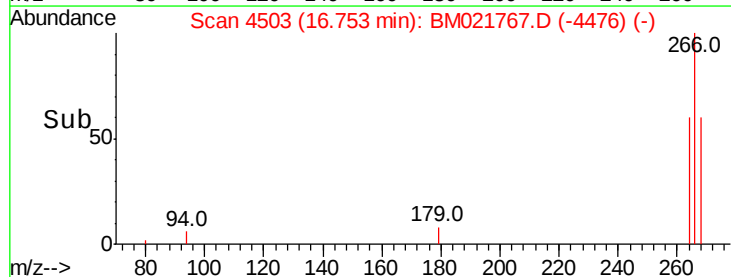
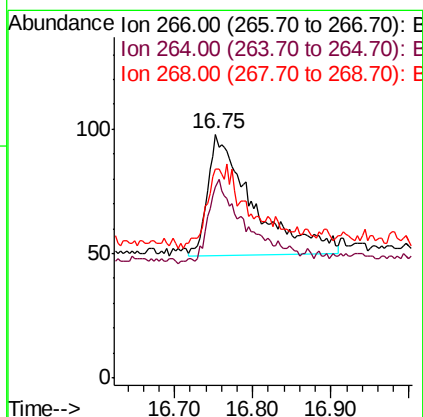
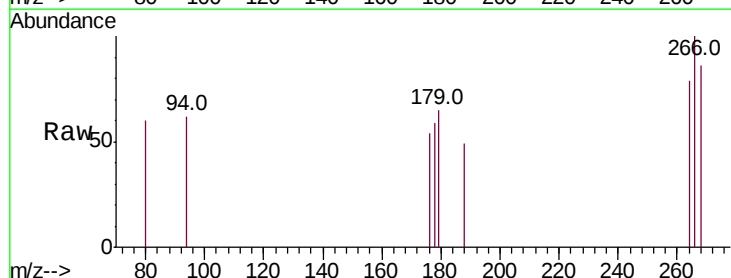
Tgt Ion:266 Resp: 196

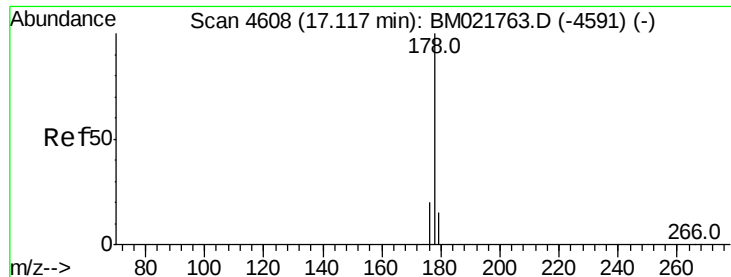
Ion Ratio Lower Upper

266 100

264 59.2 51.8 77.6

268 67.9 36.2 54.4#





#12

Phenanthrene

Concen: 0.388 ng/ul

RT: 17.12 min Scan# 4608

Delta R.T. 0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

Instrument :

BNA_M

ClientSampleId :

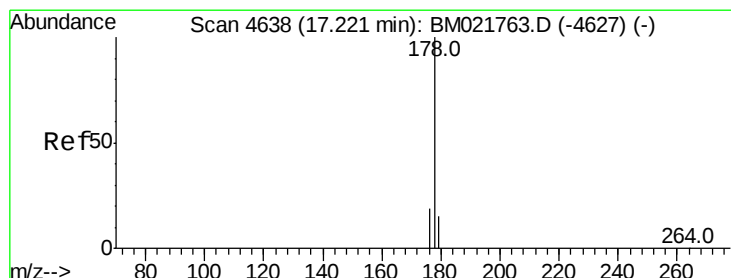
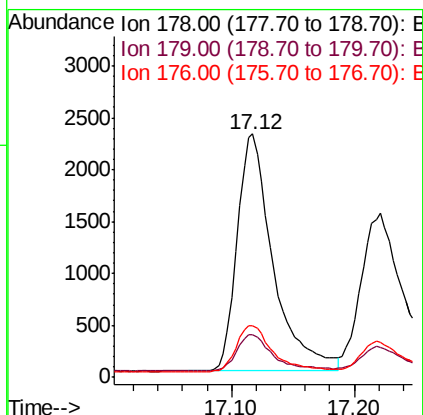
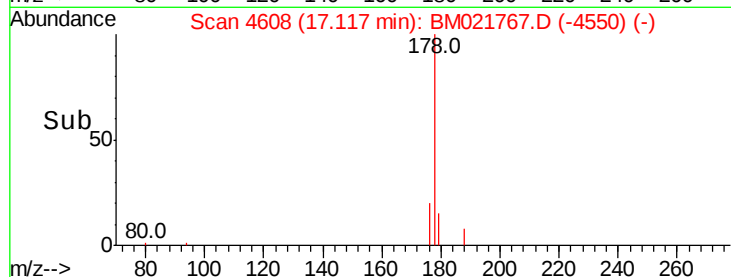
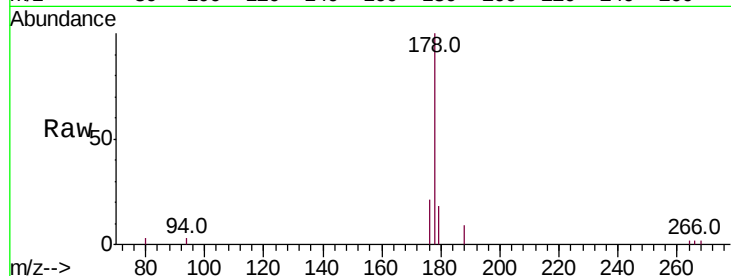
Tot Ion:178 Resp: 4669

Ion Ratio Lower Upper

178 100

179 17.7 13.8 20.6

176 21.4 17.4 26.0



#13

Anthracene

Concen: 0.391 ng/ul

RT: 17.22 min Scan# 4638

Delta R.T. 0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

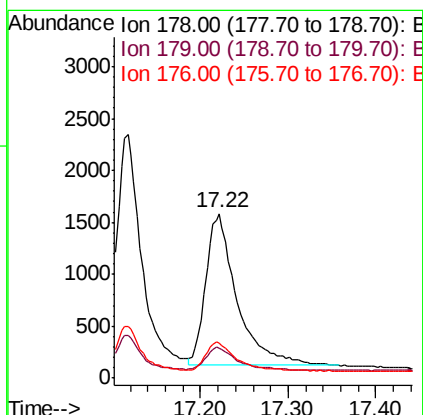
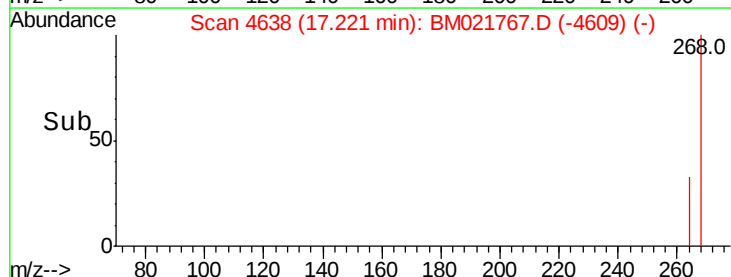
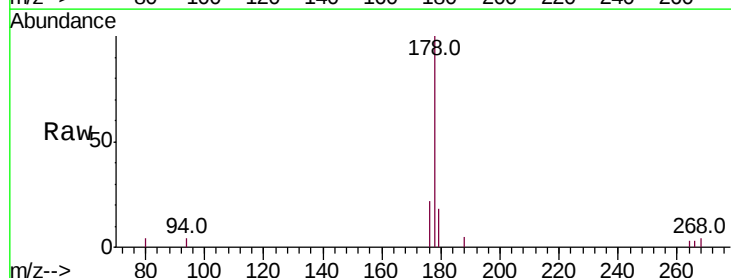
Tgt Ion:178 Resp: 3575

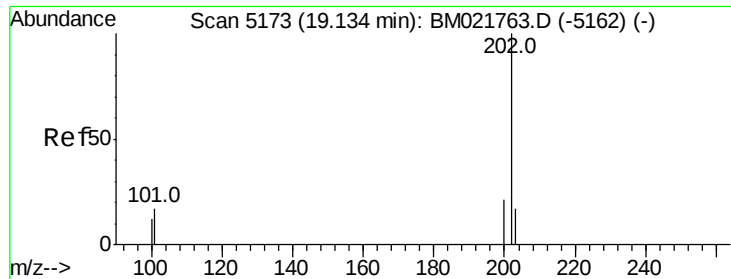
Ion Ratio Lower Upper

178 100

179 18.0 15.2 22.8

176 21.5 17.4 26.0

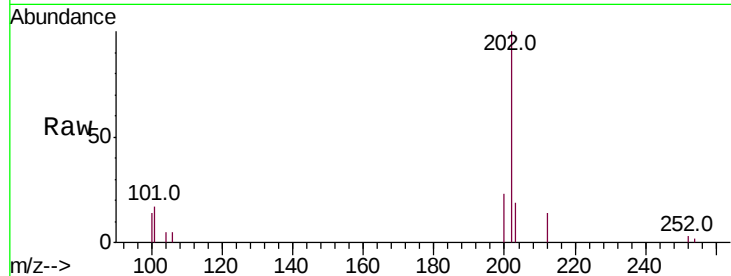




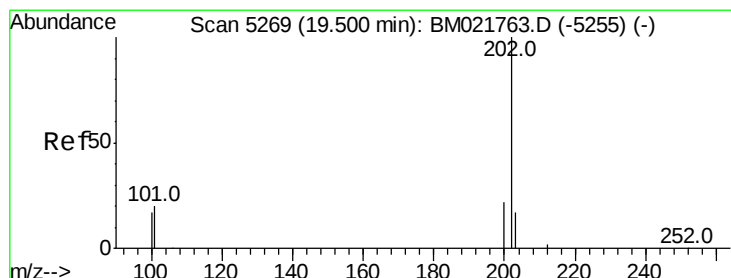
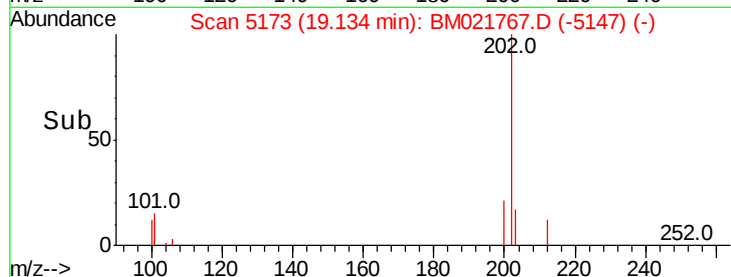
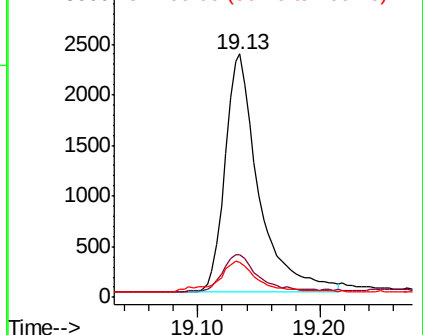
#15
Fluoranthene
Concen: 0.373 ng/ul
RT: 19.13 min Scan# 5173
Delta R.T. 0.00 min
Lab File: BM021767.D
Acq: 02 Aug 2019 20:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 4466
Ion Ratio Lower Upper
202 100
101 17.4 0.0 39.0
100 14.3 0.0 35.4

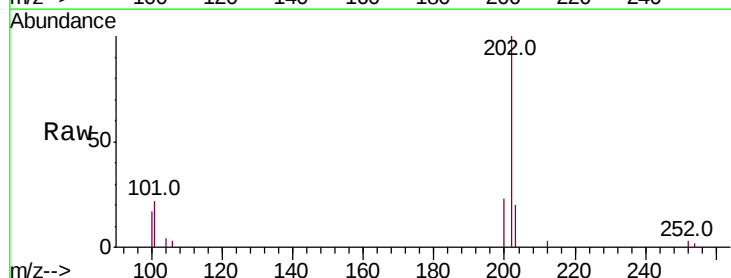


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

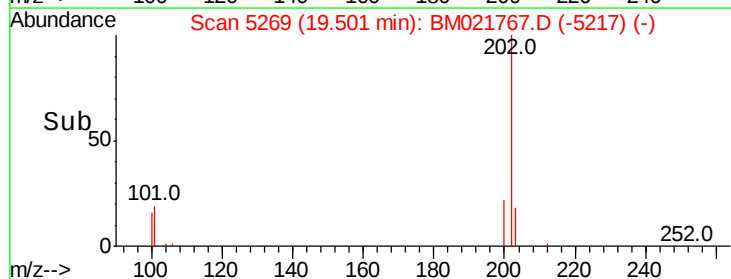
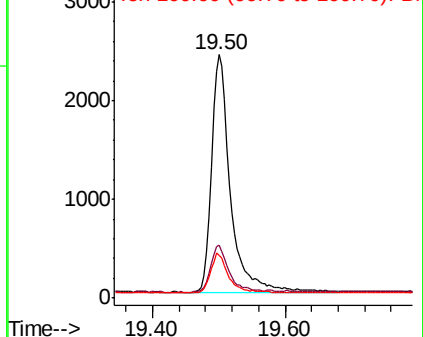


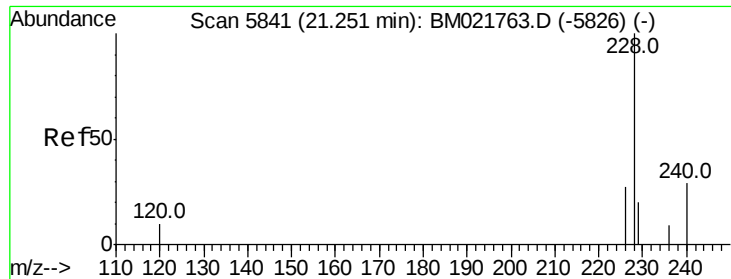
#17
Pyrene
Concen: 0.412 ng/ul
RT: 19.50 min Scan# 5269
Delta R.T. 0.00 min
Lab File: BM021767.D
Acq: 02 Aug 2019 20:58

Tgt Ion:202 Resp: 4702
Ion Ratio Lower Upper
202 100
101 21.6 18.0 27.0
100 17.3 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: 0.399 ng/ul

RT: 21.25 min Scan# 5840

Delta R.T. -0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

Instrument :

BNA_M

ClientSampleId :

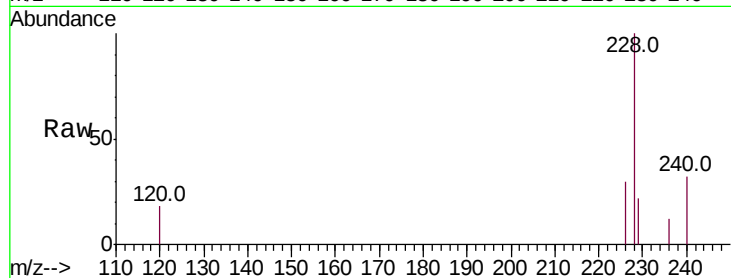
Tot Ion:228 Resp: 3076

Ion Ratio Lower Upper

228 100

229 21.5 17.6 26.4

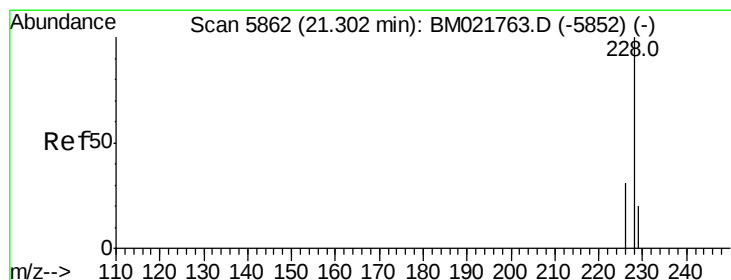
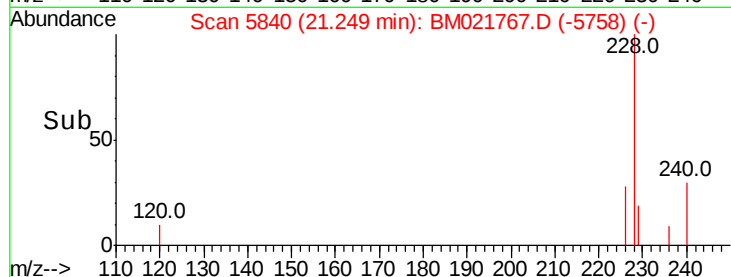
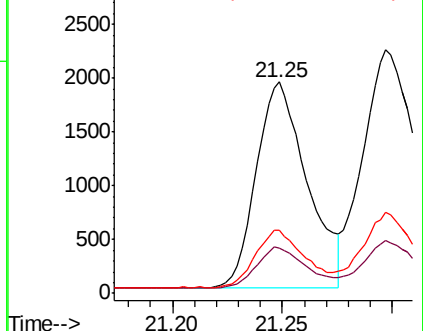
226 30.1 23.4 35.2



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: 0.368 ng/ul

RT: 21.30 min Scan# 5860

Delta R.T. -0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

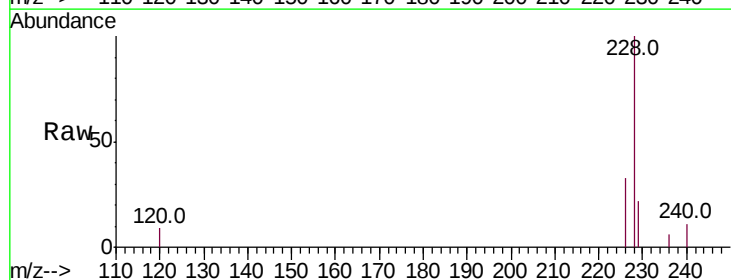
Tgt Ion:228 Resp: 4773

Ion Ratio Lower Upper

228 100

226 33.1 25.4 38.0

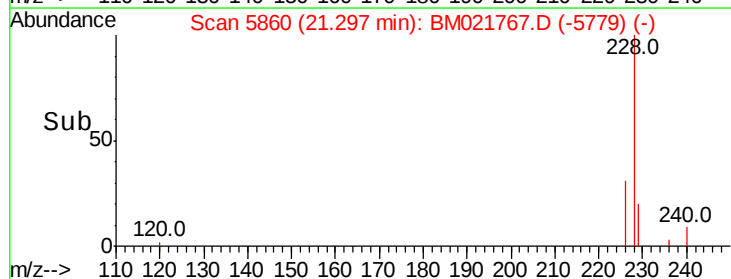
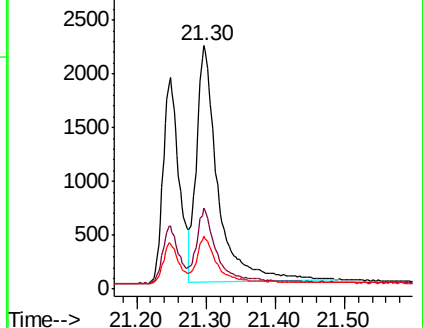
229 21.8 17.4 26.0

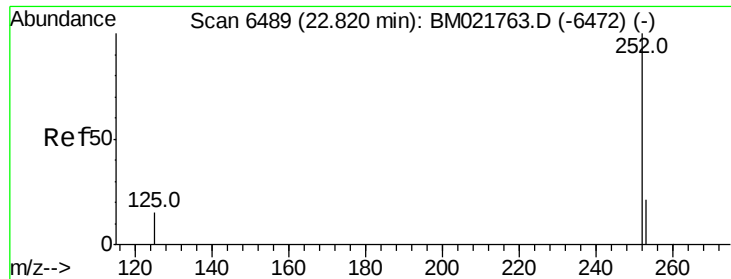


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.360 ng/u1

RT: 22.82 min Scan# 6488

Delta R.T. -0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

Instrument :

BNA_M

ClientSampleId :

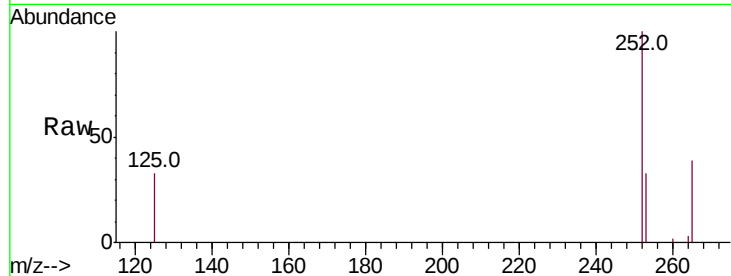
Tot Ion:252 Resp: 3788

Ion Ratio Lower Upper

252 100

253 33.2 0.0 63.2

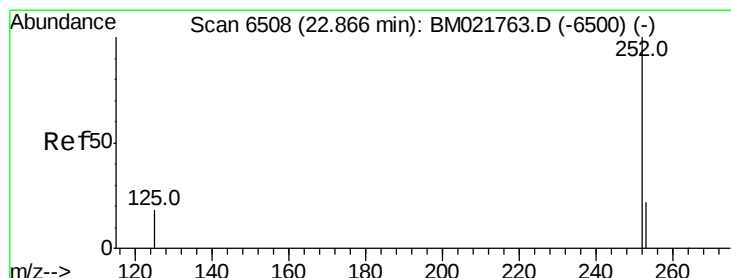
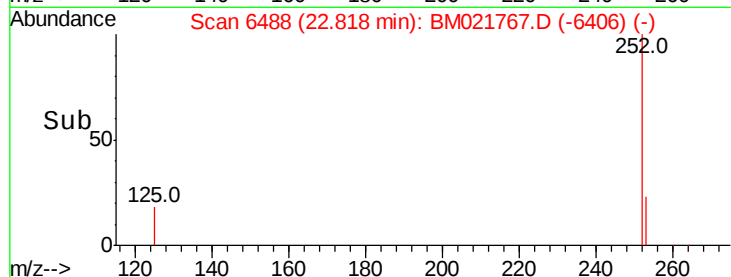
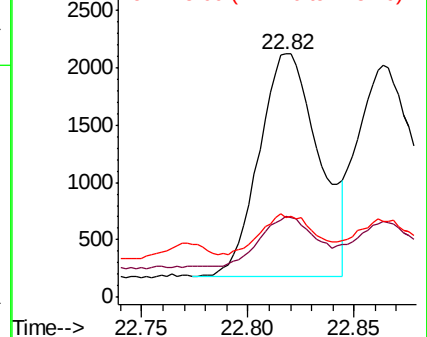
125 32.7 0.0 69.6



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: 0.390 ng/u1

RT: 22.86 min Scan# 6507

Delta R.T. -0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

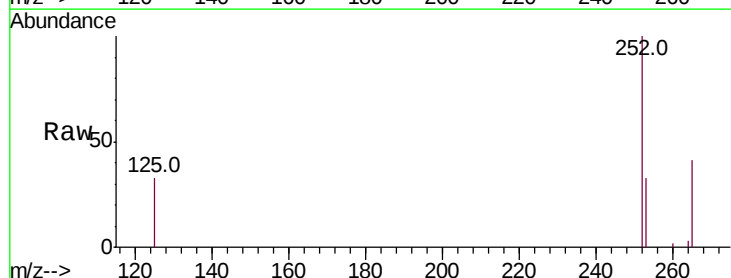
Tgt Ion:252 Resp: 4332

Ion Ratio Lower Upper

252 100

253 32.7 26.4 39.6

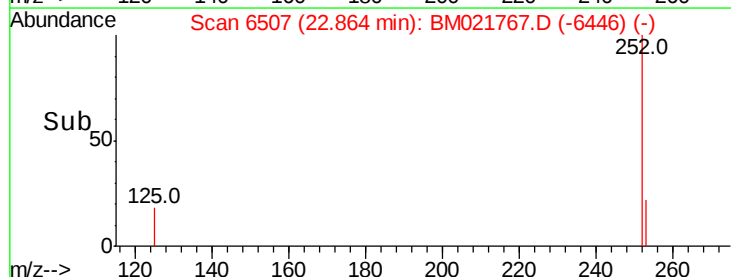
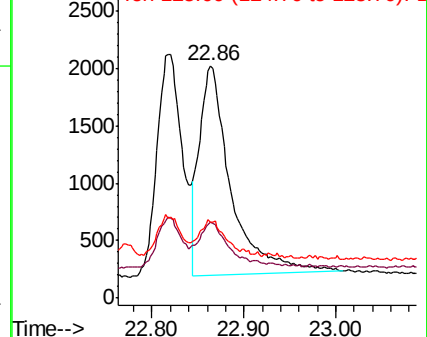
125 32.7 29.2 43.8

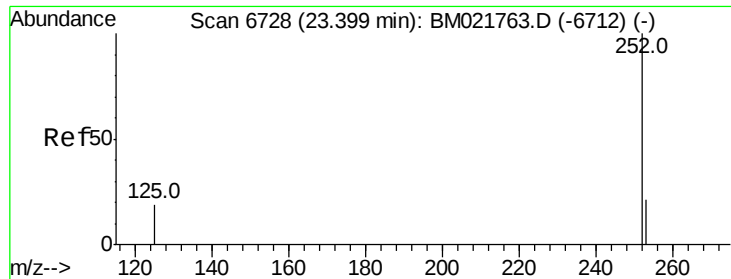


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.379 ng/ul

RT: 23.40 min Scan# 6727

Delta R.T. -0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

Instrument :

BNA_M

ClientSampleId :

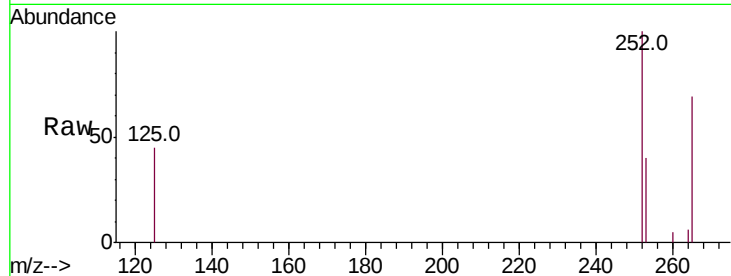
Tot Ion:252 Resp: 3134

Ion Ratio Lower Upper

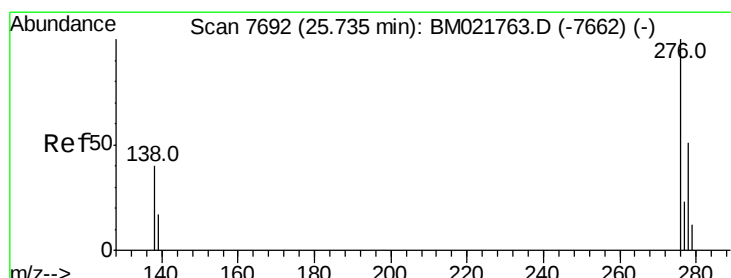
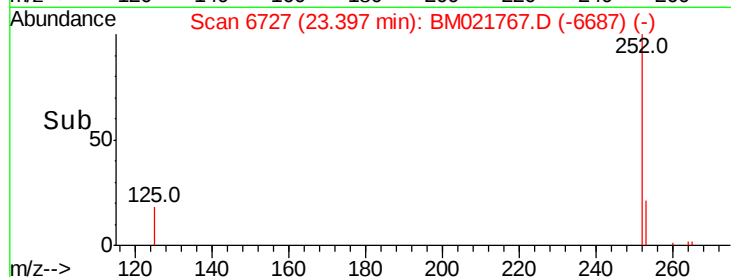
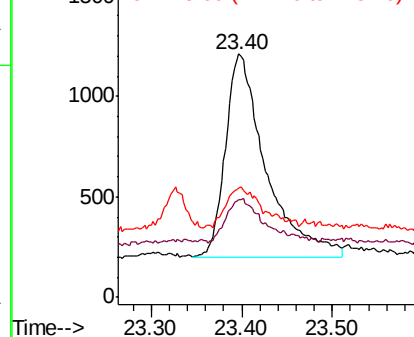
252 100

253 40.4 32.2 48.4

125 44.8 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: 0.388 ng/ul

RT: 25.73 min Scan# 7691

Delta R.T. -0.00 min

Lab File: BM021767.D

Acq: 02 Aug 2019 20:58

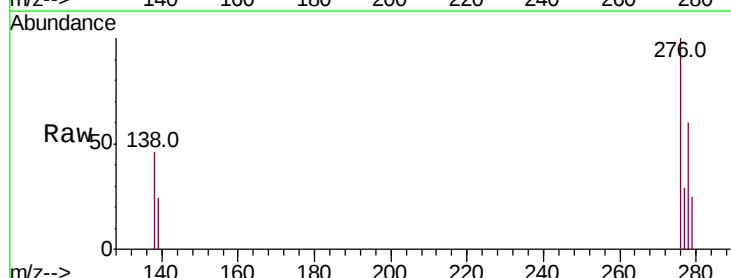
Tgt Ion:276 Resp: 3703

Ion Ratio Lower Upper

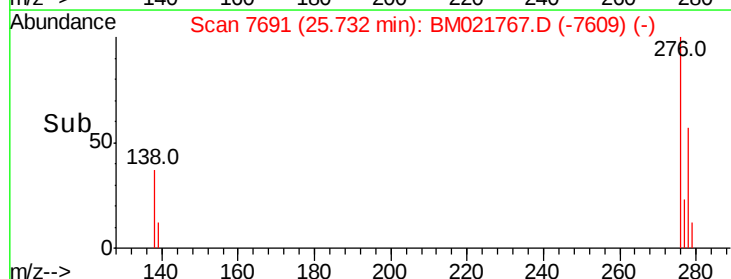
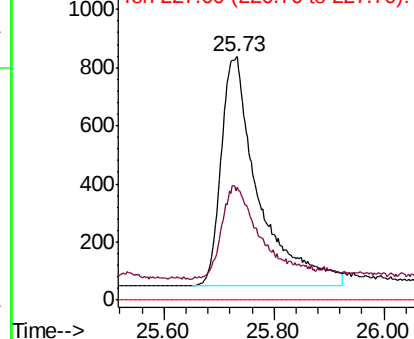
276 100

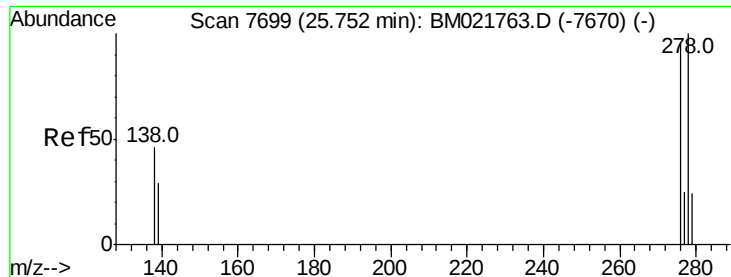
138 42.3 35.1 52.7

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

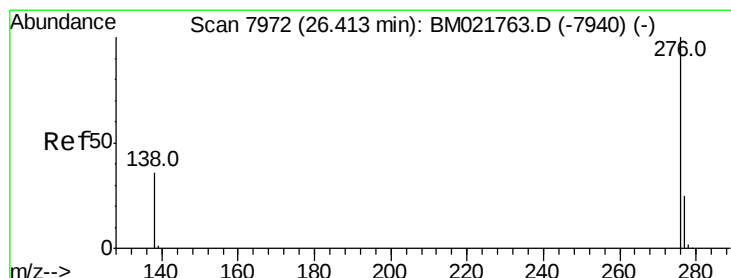
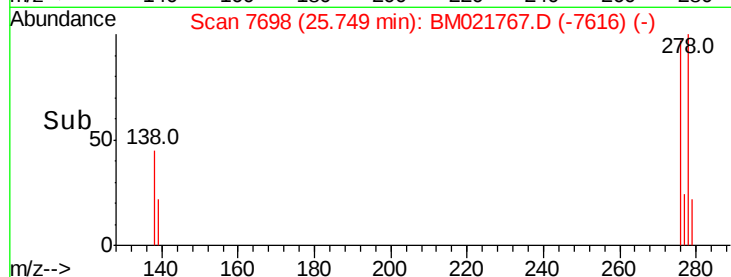
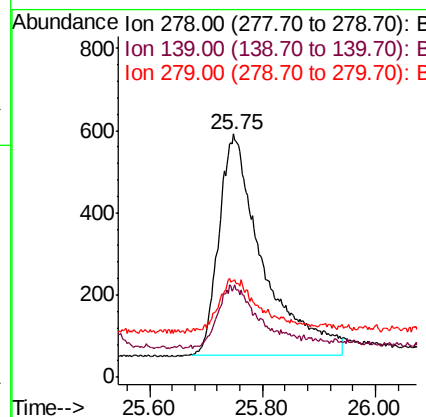
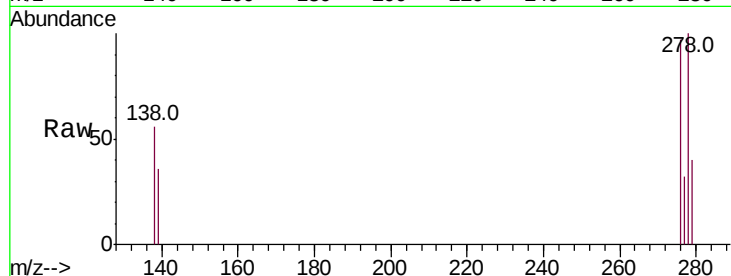




#25
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 25.75 min Scan# 7698
Delta R.T. -0.00 min
Lab File: BM021767.D
Acq: 02 Aug 2019 20:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2890
Ion Ratio Lower Upper
278 100
139 36.3 31.6 47.4
279 39.7 34.2 51.2



#26
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.41 min Scan# 7970
Delta R.T. -0.00 min
Lab File: BM021767.D
Acq: 02 Aug 2019 20:58

Tgt Ion:276 Resp: 3512
Ion Ratio Lower Upper
276 100
138 45.5 36.0 54.0
277 29.6 24.4 36.6

