

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021970.D
 Acq On : 09 Aug 2019 14:48
 Operator : HP/JU
 Sample : K4028-18DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 10 05:22:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

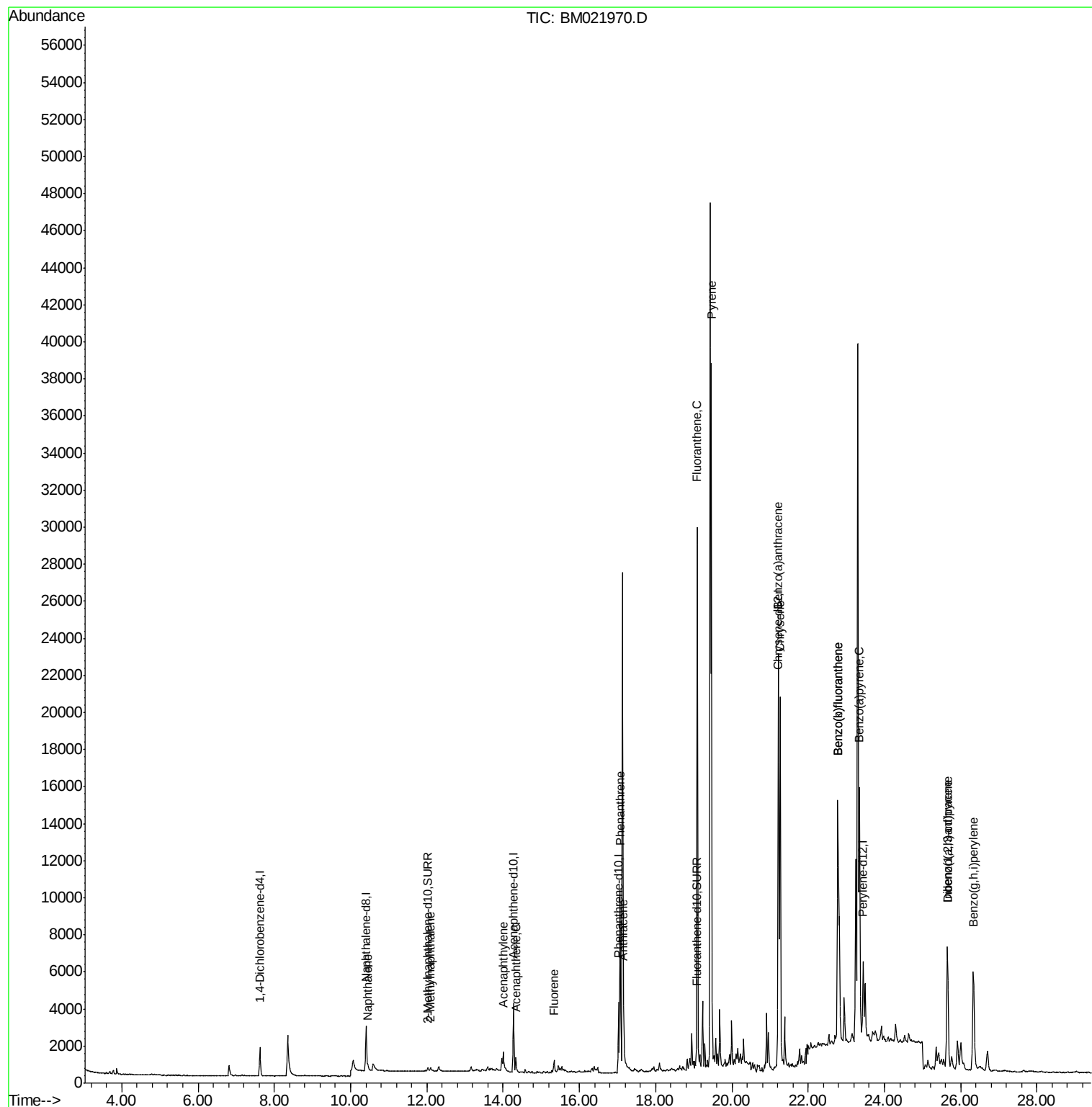
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	912	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3959	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	2196	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4849	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4913	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6484	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	310	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	755	0.05	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	378	0.034	ng/ul#	63
5) 2-Methylnaphthalene	12.09	142	204	0.027	ng/ul	96
7) Acenaphthylene	14.00	152	816	0.080	ng/ul#	78
8) Acenaphthene	14.34	153	512	0.061	ng/ul	95
9) Fluorene	15.33	166	494	0.053	ng/ul#	91
12) Phenanthrene	17.07	178	10911	0.773	ng/ul	97
13) Anthracene	17.16	178	2582	0.215	ng/ul	99
15) Fluoranthene	19.09	202	25796	1.365	ng/ul	99
17) Pyrene	19.46	202	32590	1.614	ng/ul	98
18) Benzo(a)anthracene	21.21	228	18688	1.063	ng/ul	99
19) Chrysene	21.27	228	21217	0.939	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	30248	1.383	ng/ul	87
22) Benzo(k)fluoranthene	22.78	252	30236	1.222	ng/ul#	87
23) Benzo(a)pyrene	23.35	252	17951	0.807	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.65	276	10532	0.397	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.66	278	3047	0.142	ng/ul#	89
26) Benzo(a,h,i)perylene	26.33	276	11357	0.475	ng/ul	97

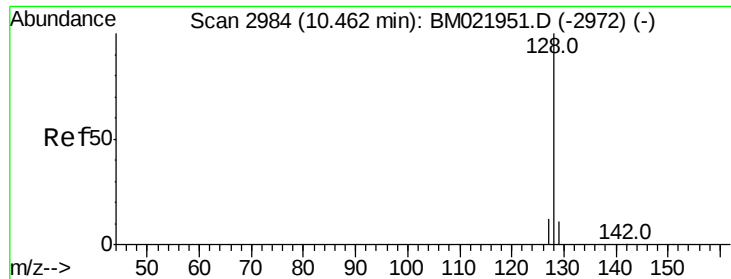
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021970.D
Acq On : 09 Aug 2019 14:48
Operator : HP/JU
Sample : K4028-18DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 10 05:22:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.46 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

ClientSampleId :

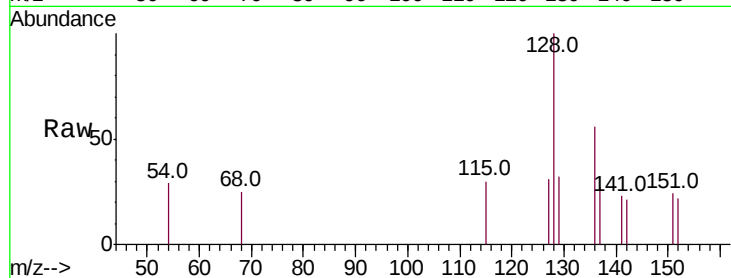
Tot Ion:128 Resp: 378

Ion Ratio Lower Upper

128 100

129 32.2 12.3 18.5#

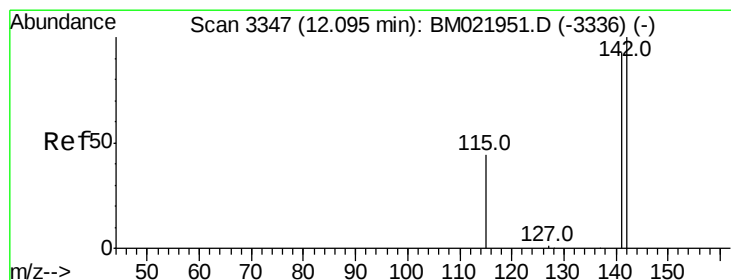
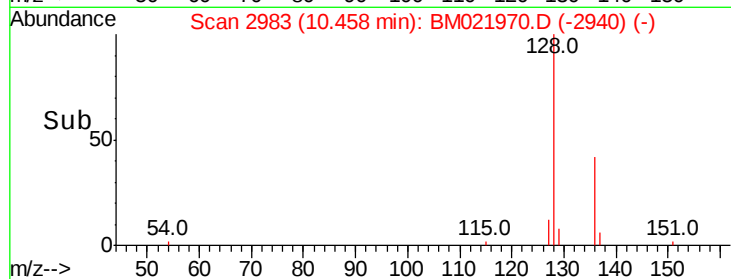
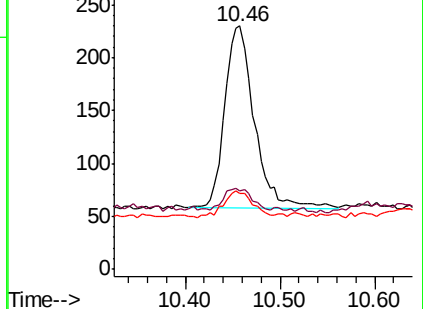
127 31.3 13.0 19.6#



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: 0.027 ng/ul

RT: 12.09 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BM021970.D

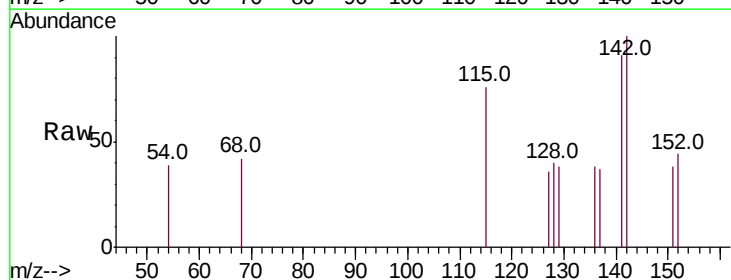
Acq: 09 Aug 2019 14:48

Tgt Ion:142 Resp: 204

Ion Ratio Lower Upper

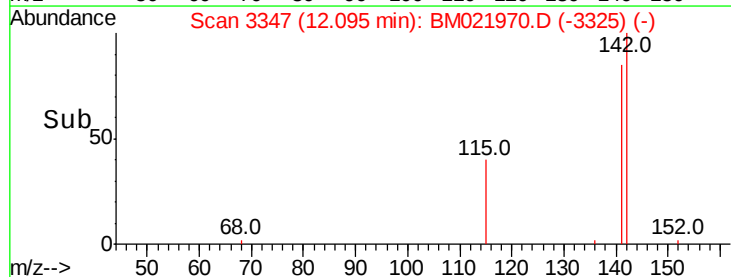
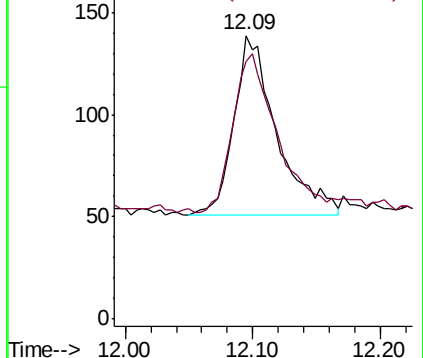
142 100

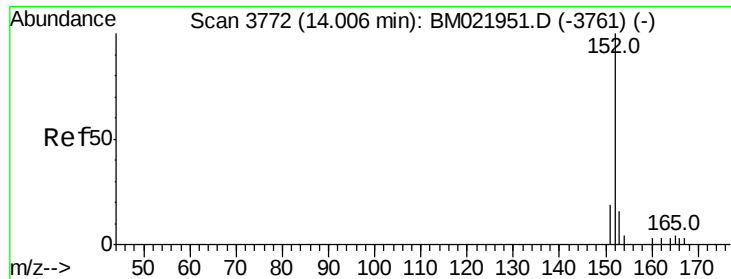
141 97.1 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.080 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

ClientSampleId :

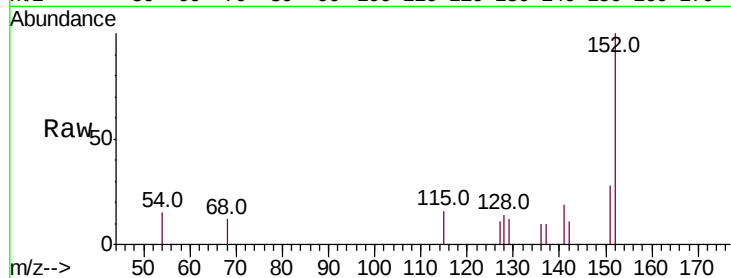
Tot Ion:152 Resp: 816

Ion Ratio Lower Upper

152 100

151 28.0 18.3 27.5#

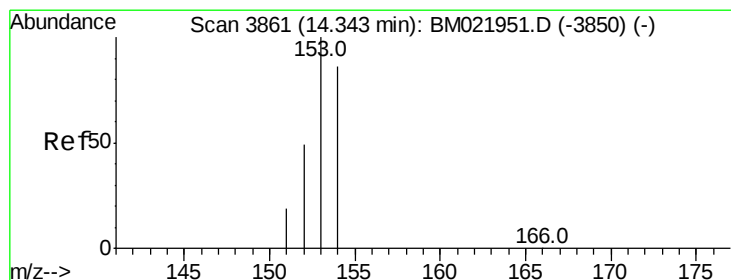
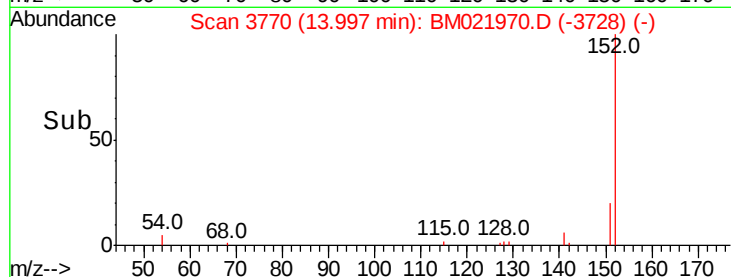
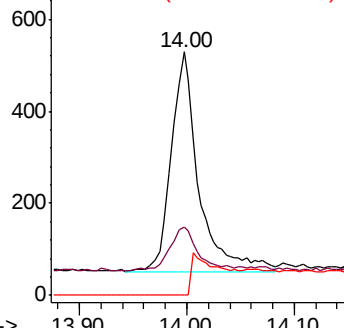
153 0.0 12.8 19.2#



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: 0.061 ng/ul

RT: 14.34 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

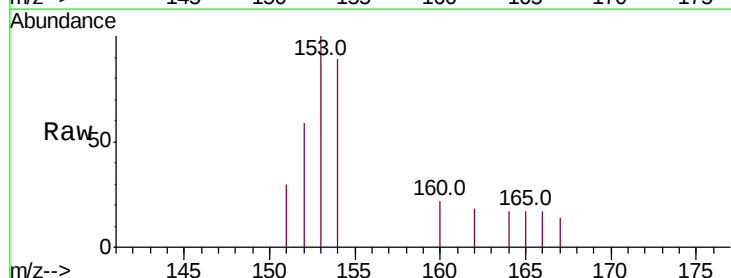
Tgt Ion:153 Resp: 512

Ion Ratio Lower Upper

153 100

152 59.3 41.3 61.9

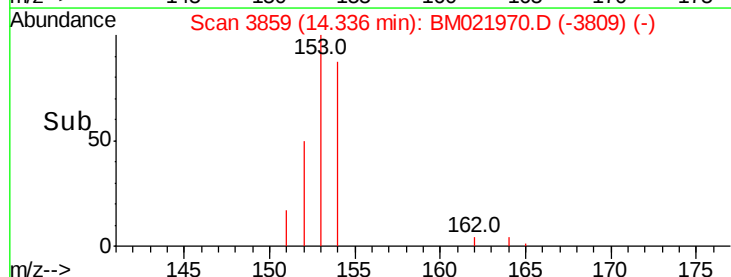
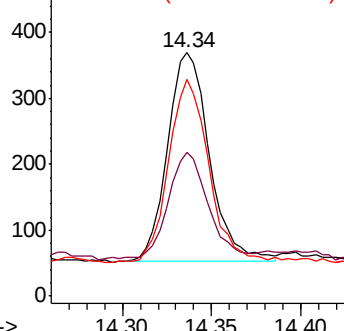
154 89.2 72.3 108.5

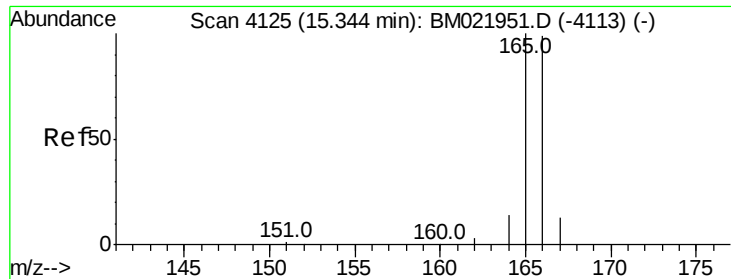


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

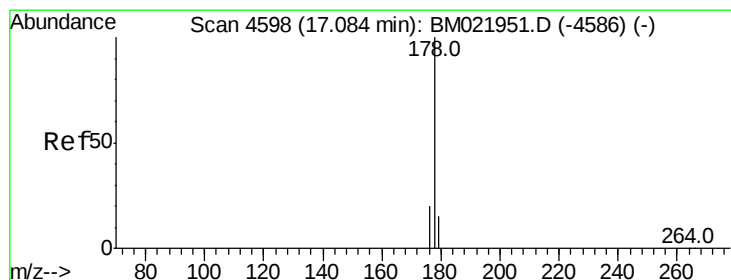
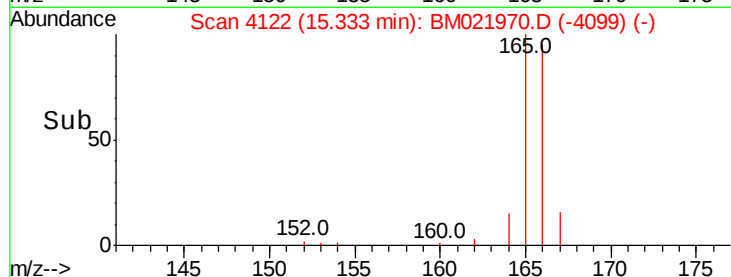
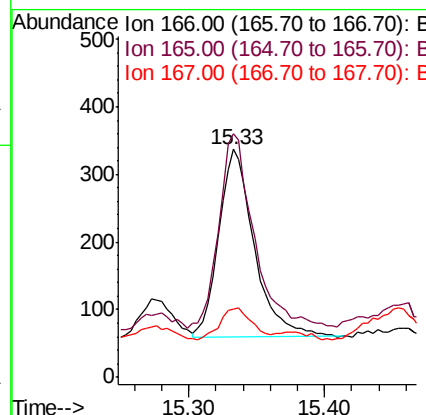
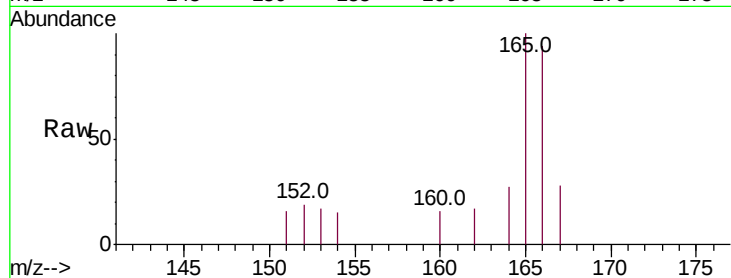




#9
Fluorene
 Concen: 0.053 ng/ul
 RT: 15.33 min Scan# 4122
 Delta R.T. -0.01 min
 Lab File: BM021970.D
 Acq: 09 Aug 2019 14:48

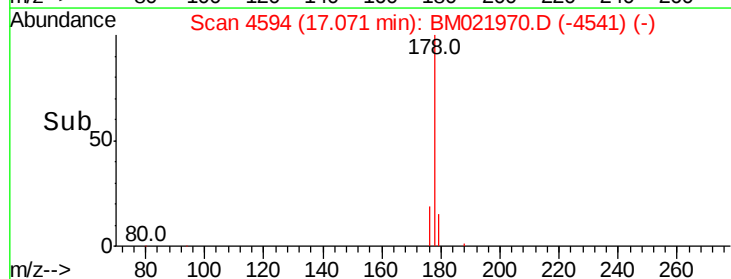
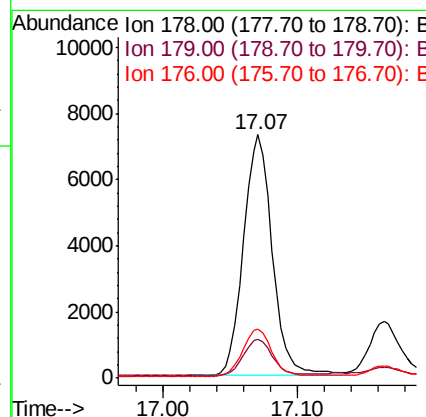
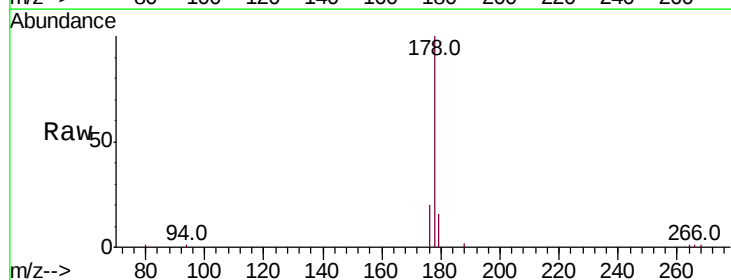
Instrument :
 BNA_M
 ClientSampleId :

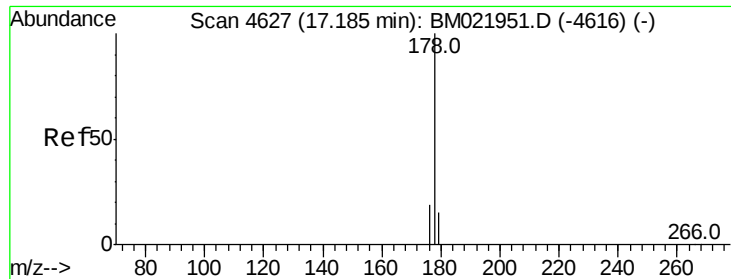
Tot Ion:166 Resp: 494
 Ion Ratio Lower Upper
 166 100
 165 106.8 81.4 122.0
 167 30.0 13.7 20.5#



#12
Phenanthrene
 Concen: 0.773 ng/ul
 RT: 17.07 min Scan# 4594
 Delta R.T. -0.02 min
 Lab File: BM021970.D
 Acq: 09 Aug 2019 14:48

Tgt Ion:178 Resp: 10911
 Ion Ratio Lower Upper
 178 100
 179 15.9 14.2 21.2
 176 20.0 16.8 25.2





#13

Anthracene

Concen: 0.215 ng/ul

RT: 17.16 min Scan# 4621

Delta R.T. -0.02 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

ClientSampleId :

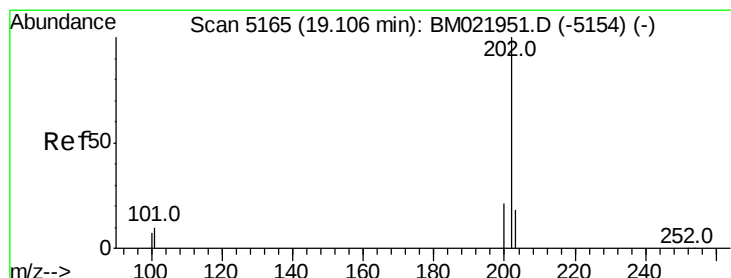
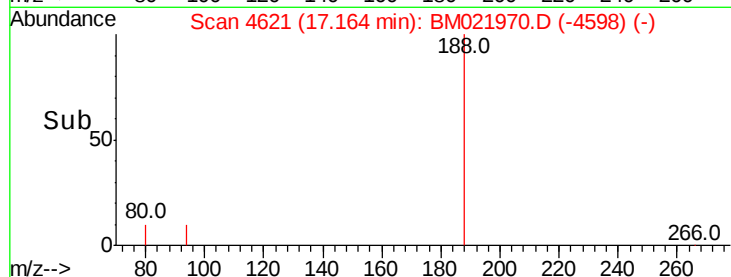
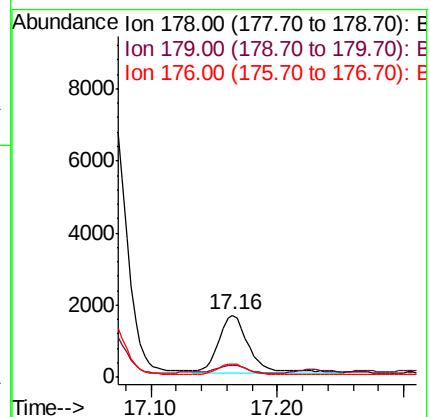
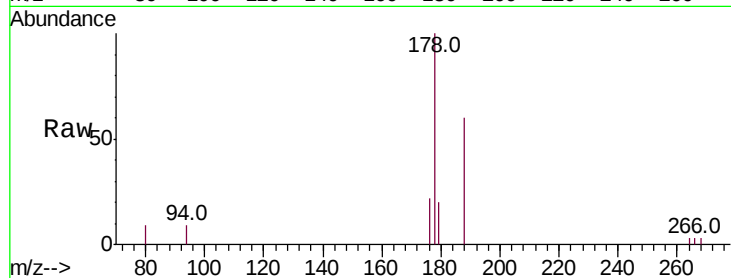
Tot Ion:178 Resp: 2582

Ion Ratio Lower Upper

178 100

179 19.7 15.5 23.3

176 21.6 16.6 25.0



#15

Fluoranthene

Concen: 1.365 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.02 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

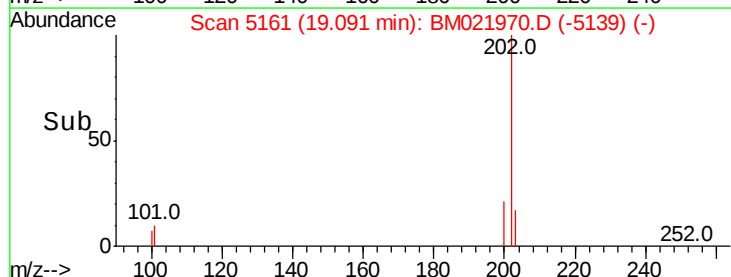
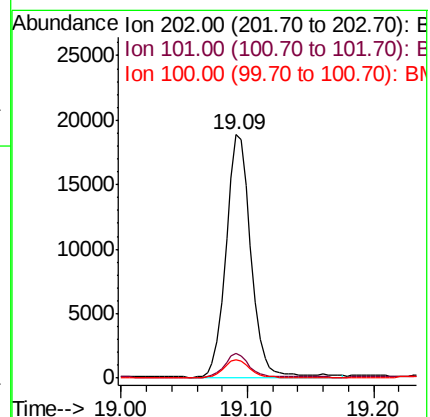
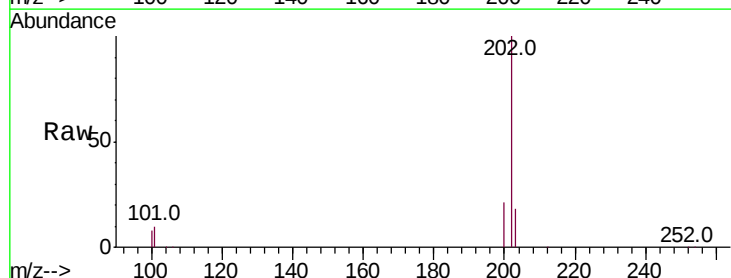
Tgt Ion:202 Resp: 25796

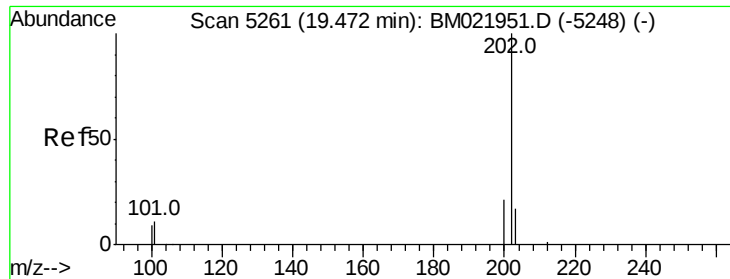
Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.2

100 7.7 0.0 28.1





#17

Pvrene

Concen: 1.614 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.02 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

ClientSampleId :

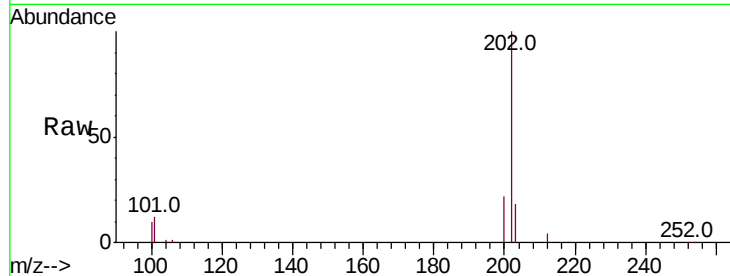
Tot Ion:202 Resp: 32590

Ion Ratio Lower Upper

202 100

101 11.6 8.3 12.5

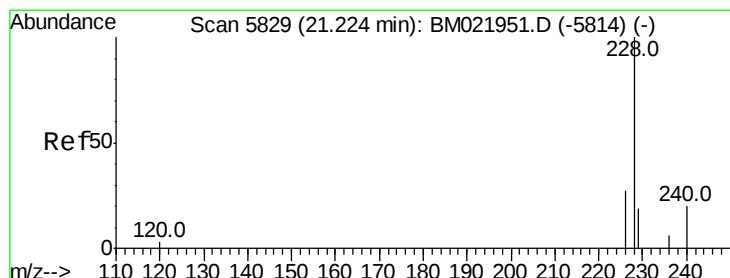
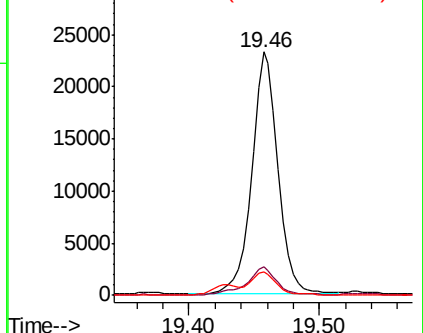
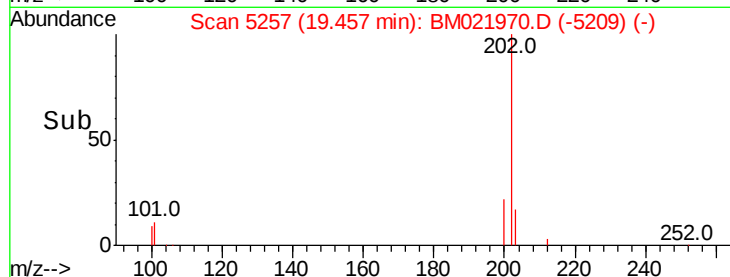
100 9.6 7.2 10.8



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: 1.063 ng/ul

RT: 21.21 min Scan# 5825

Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

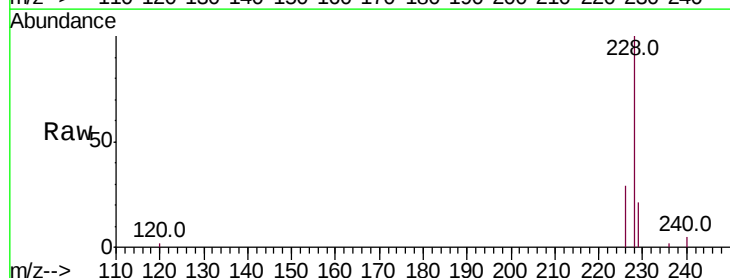
Tgt Ion:228 Resp: 18688

Ion Ratio Lower Upper

228 100

229 21.3 17.2 25.8

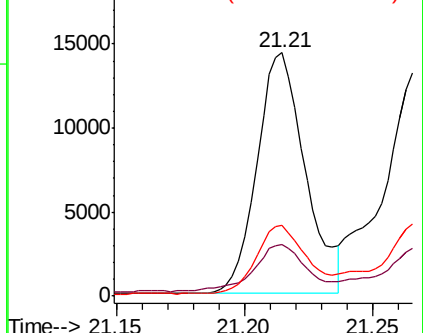
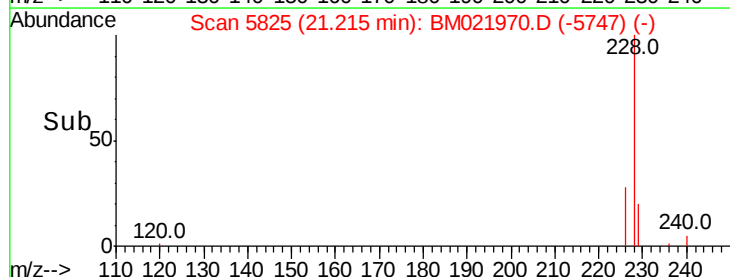
226 29.3 22.6 34.0

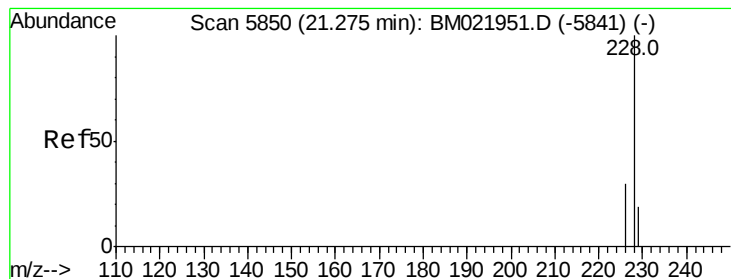


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.939 ng/ul

RT: 21.27 min Scan# 5846

Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

ClientSampleId :

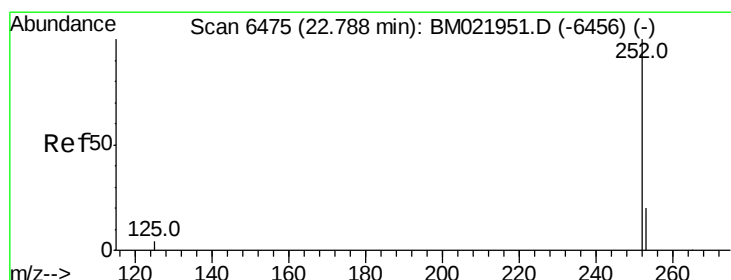
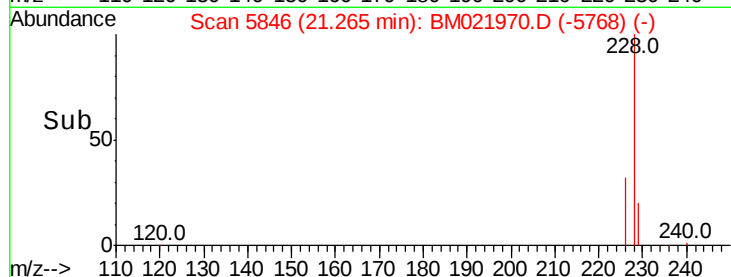
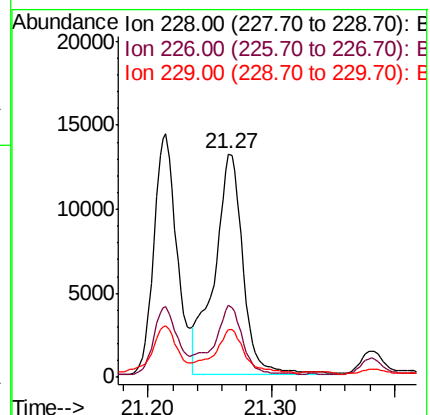
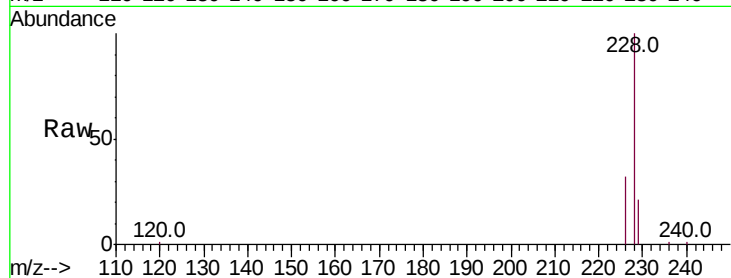
Tot Ion:228 Resp: 21217

Ion Ratio Lower Upper

228 100

226 32.1 24.9 37.3

229 21.3 16.6 25.0



#21

Benzo(b)fluoranthene

Concen: 1.383 ng/ul

RT: 22.78 min Scan# 6471

Delta R.T. -0.01 min

Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

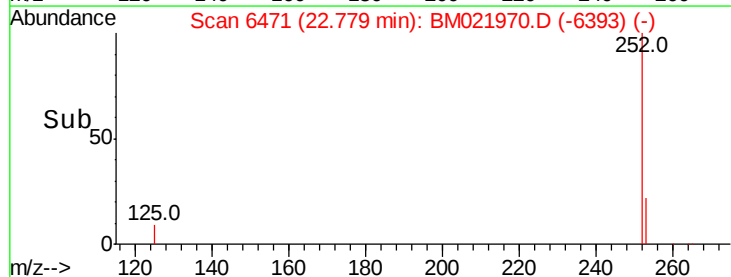
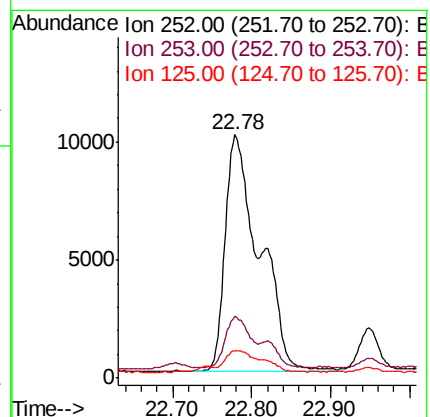
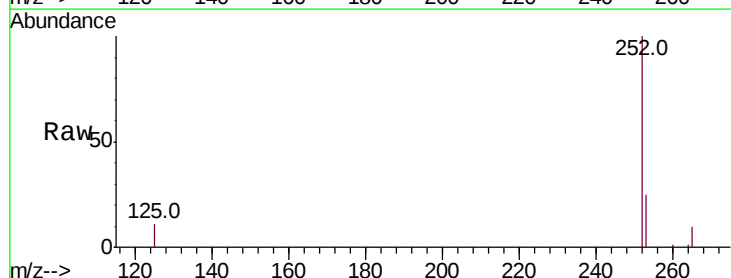
Tgt Ion:252 Resp: 30248

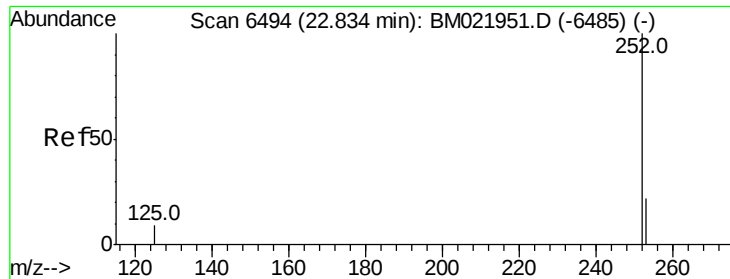
Ion Ratio Lower Upper

252 100

253 25.2 0.0 67.4

125 11.2 0.0 31.0

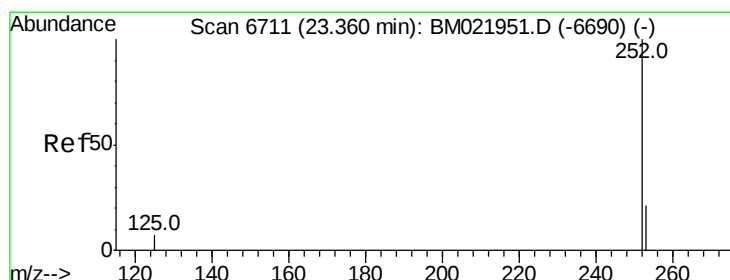
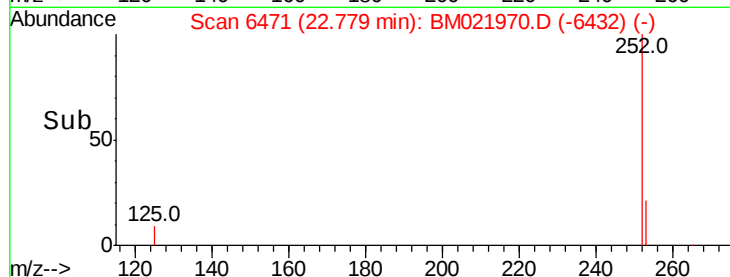
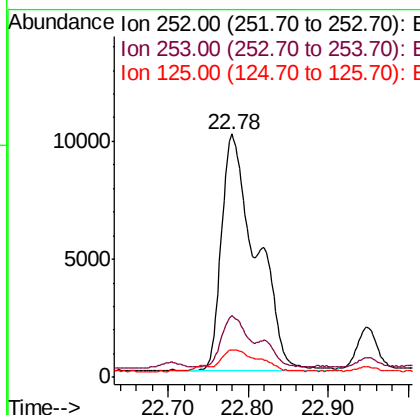
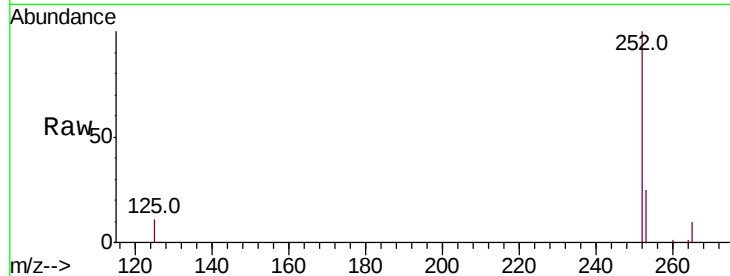




#22
Benzo(k)fluoranthene
Concen: 1.222 ng/ul
RT: 22.78 min Scan# 6471
Delta R.T. -0.06 min
Lab File: BM021970.D
Acq: 09 Aug 2019 14:48

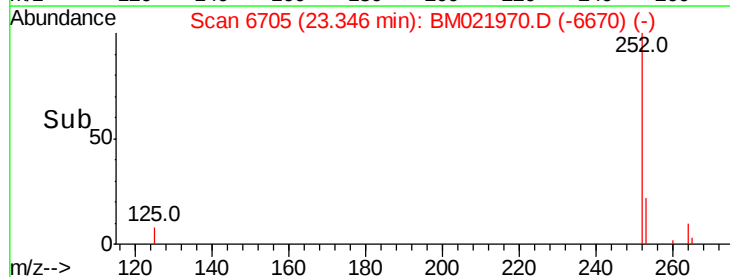
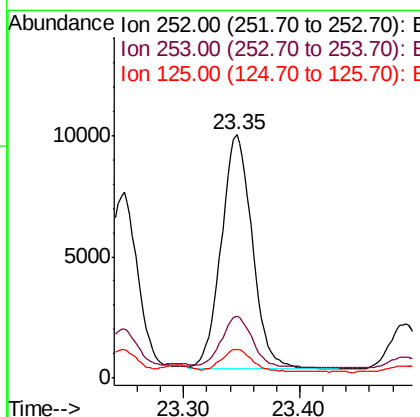
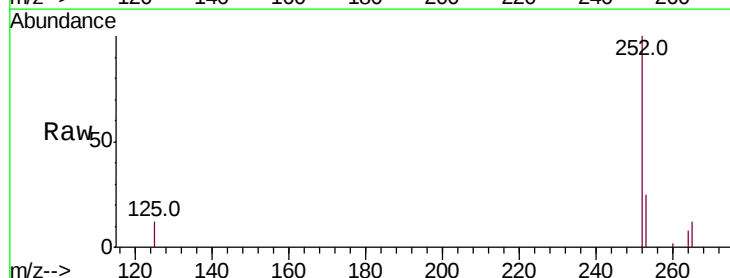
Instrument :
BNA_M
ClientSampleId :

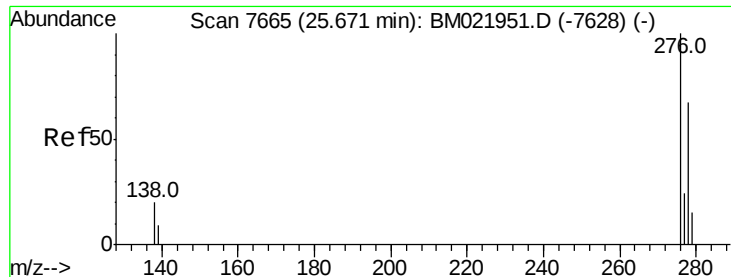
Tot Ion:252 Resp: 30236
Ion Ratio Lower Upper
252 100
253 25.2 27.0 40.4#
125 11.2 12.2 18.2#



#23
Benzo(a)pyrene
Concen: 0.807 ng/ul
RT: 23.35 min Scan# 6705
Delta R.T. -0.01 min
Lab File: BM021970.D
Acq: 09 Aug 2019 14:48

Tgt Ion:252 Resp: 17951
Ion Ratio Lower Upper
252 100
253 25.2 31.7 47.5#
125 11.8 14.6 21.8#



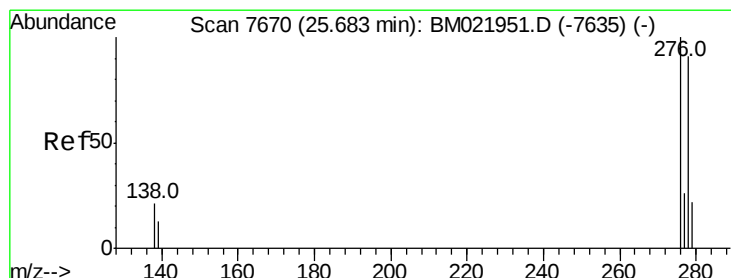
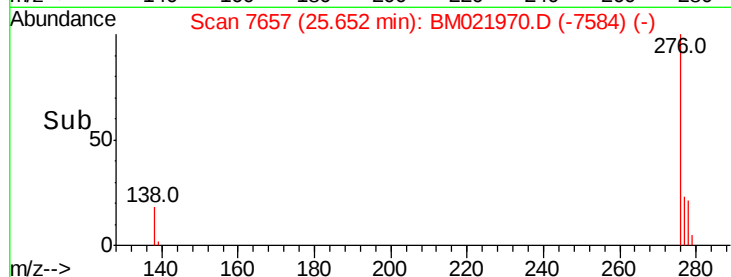
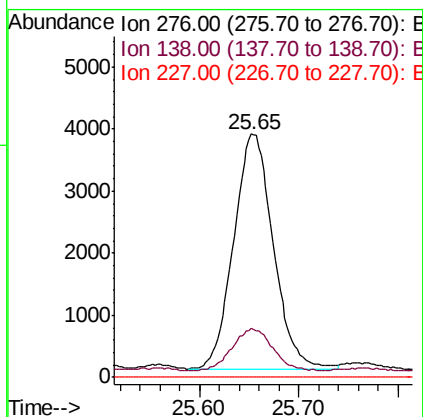
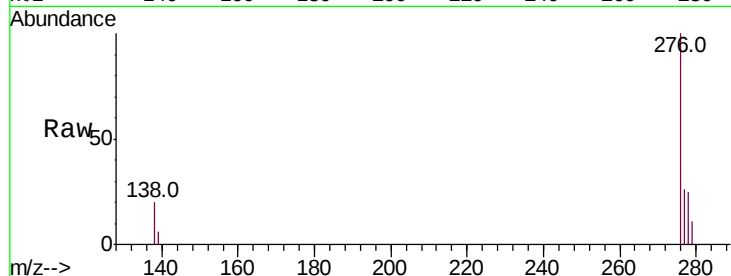


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 25.65 min Scan# 7657
Delta R.T. -0.02 min
Lab File: BM021970.D
Acq: 09 Aug 2019 14:48

Instrument :
BNA_M
ClientSampleId :

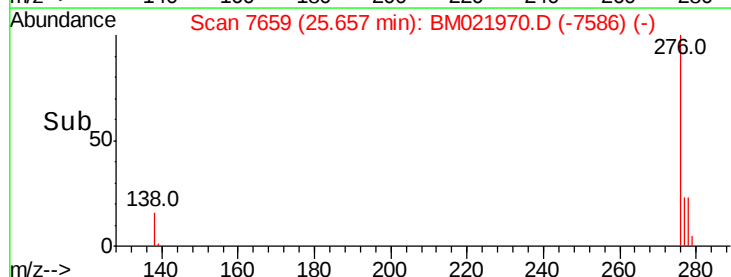
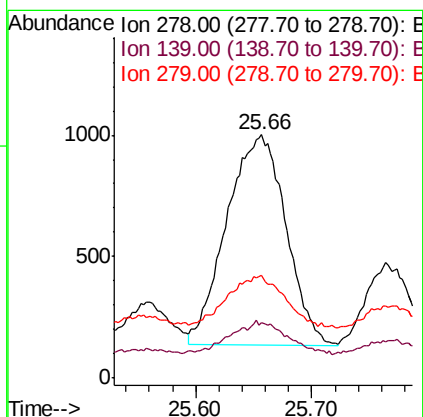
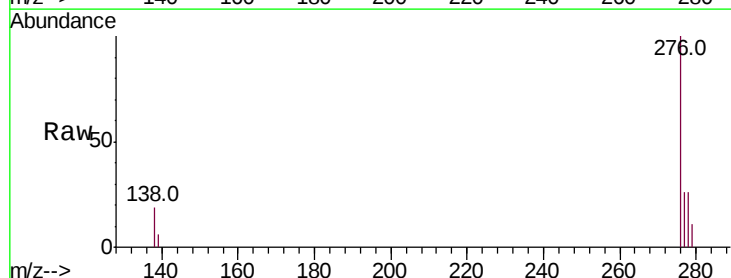
Tot Ion:276 Resp: 10532
Ion Ratio Lower Upper
276 100
138 18.2 15.1 22.7
227 0.0 0.0 0.0

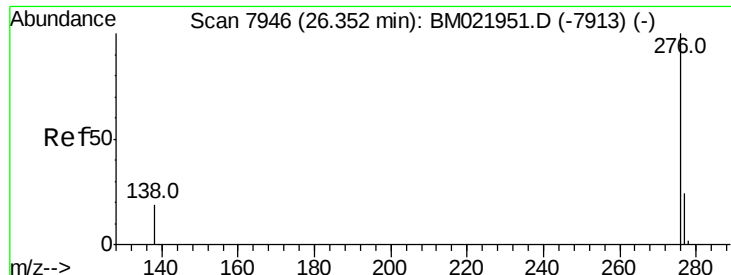


#25

Dibenzo(a,h)anthracene
Concen: 0.142 ng/ul
RT: 25.66 min Scan# 7659
Delta R.T. -0.02 min
Lab File: BM021970.D
Acq: 09 Aug 2019 14:48

Tgt Ion:278 Resp: 3047
Ion Ratio Lower Upper
278 100
139 22.6 14.2 21.2#
279 42.0 28.3 42.5





#26

Benzo(a,h,i)perylene

Concen: 0.475 ng/ul

RT: 26.33 min Scan# 7938

Delta R.T. -0.02 min

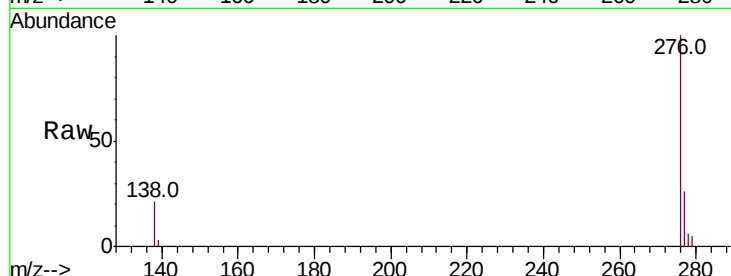
Lab File: BM021970.D

Acq: 09 Aug 2019 14:48

Instrument :

BNA_M

ClientSampleId :



Tot Ion:276 Resp: 11357

Ion Ratio Lower Upper

276 100

138 20.9 15.5 23.3

277 25.7 21.4 32.2

Abundance Ion 276.00 (275.70 to 276.70): E

5000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

