

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021965.D
 Acq On : 09 Aug 2019 11:45
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 10 05:22:10 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

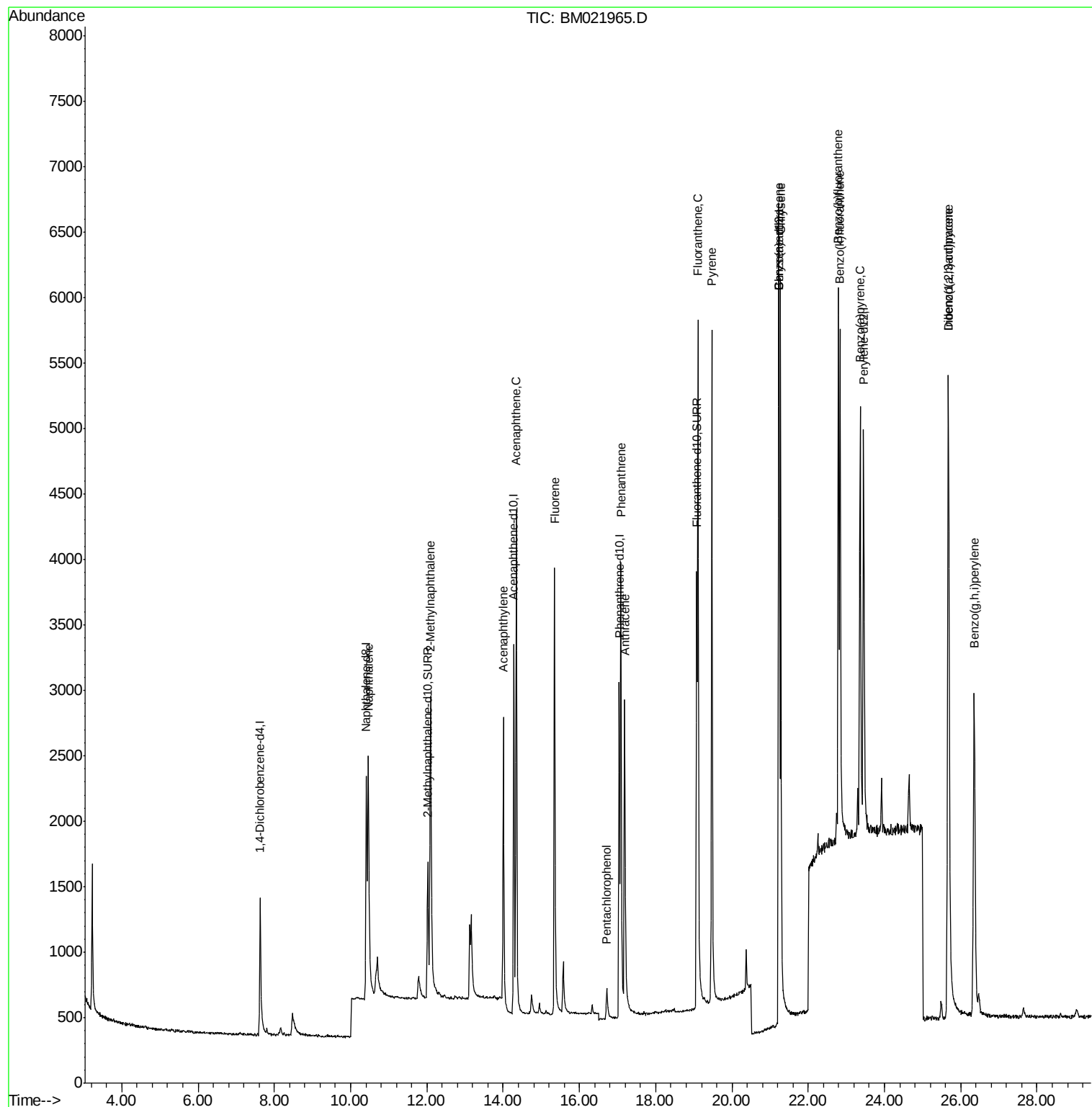
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	837	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3626	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	1921	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	4118	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	3963	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	4542	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2255	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	4965	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	3729	0.364	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	2530	0.371	ng/ul	99
7) Acenaphthylene	14.00	152	3138	0.350	ng/ul	99
8) Acenaphthene	14.35	153	2781	0.379	ng/ul	97
9) Fluorene	15.35	166	2959	0.363	ng/ul	98
11) Pentachlorophenol	16.71	266	259	0.341	ng/ul	97
12) Phenanthrene	17.09	178	4526	0.378	ng/ul	99
13) Anthracene	17.19	178	3991	0.390	ng/ul	98
15) Fluoranthene	19.10	202	5558	0.346	ng/ul	98
17) Pyrene	19.47	202	5811	0.357	ng/ul	96
18) Benzo(a)anthracene	21.22	228	5165	0.364	ng/ul	98
19) Chrysene	21.28	228	6245	0.343	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	5610	0.366	ng/ul	94
22) Benzo(k)fluoranthene	22.83	252	6217	0.359	ng/ul	95
23) Benzo(a)pyrene	23.36	252	5608	0.360	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.67	276	6778	0.364	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.68	278	5474	0.364	ng/ul	97
26) Benzo(g,h,i)perylene	26.35	276	5917	0.353	ng/ul	98

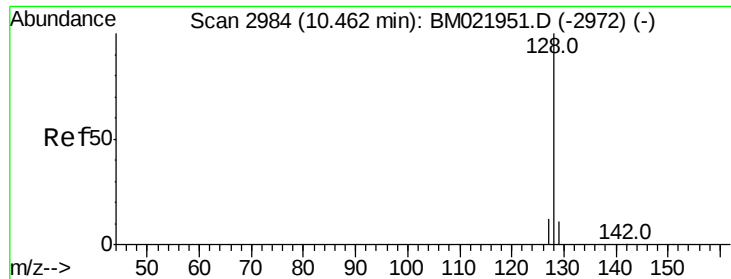
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.364 ng/ul

RT: 10.46 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

Instrument :

BNA_M

ClientSampleId :

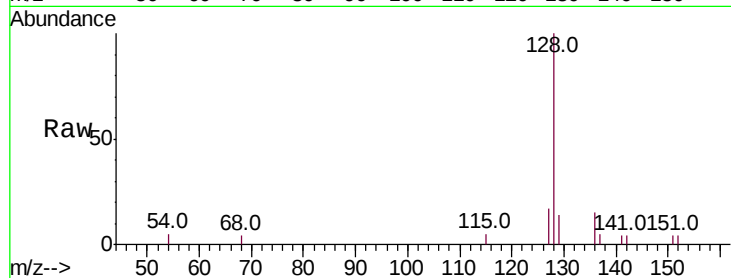
Tot Ion:128 Resp: 3729

Ion Ratio Lower Upper

128 100

129 14.1 12.3 18.5

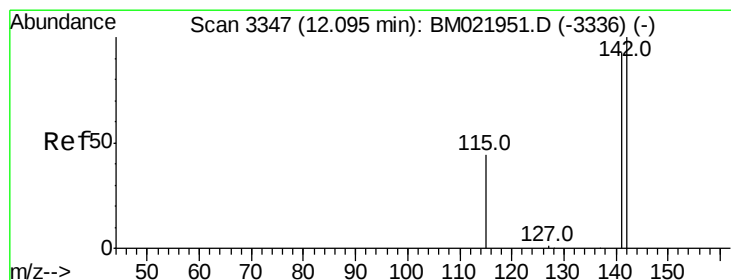
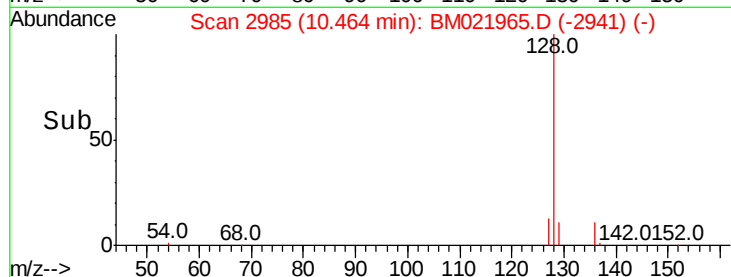
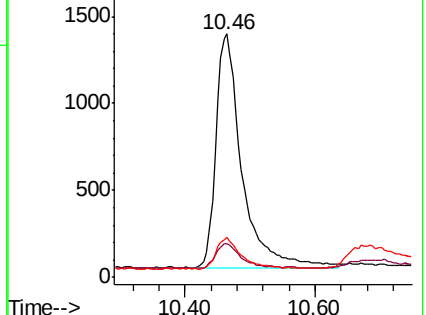
127 16.5 13.0 19.6



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: 0.371 ng/ul

RT: 12.09 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BM021965.D

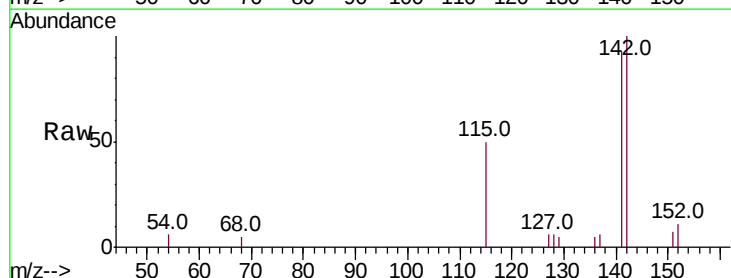
Acq: 09 Aug 2019 11:45

Tgt Ion:142 Resp: 2530

Ion Ratio Lower Upper

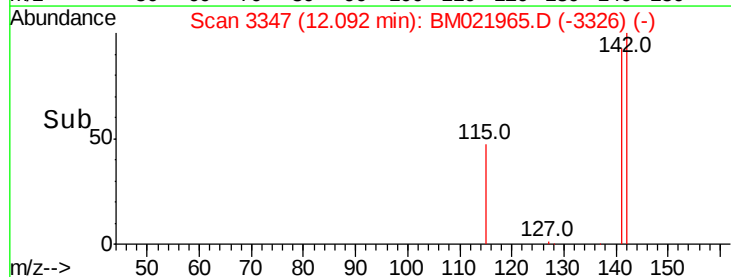
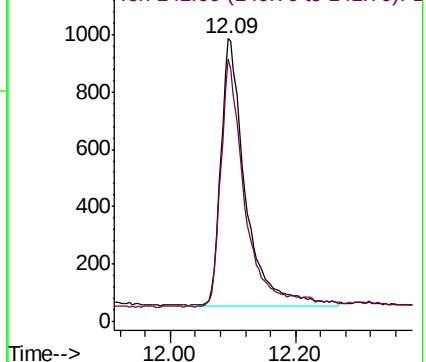
142 100

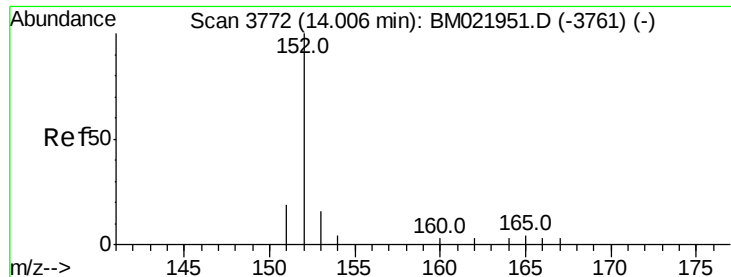
141 92.1 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.350 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

Instrument :

BNA_M

ClientSampleId :

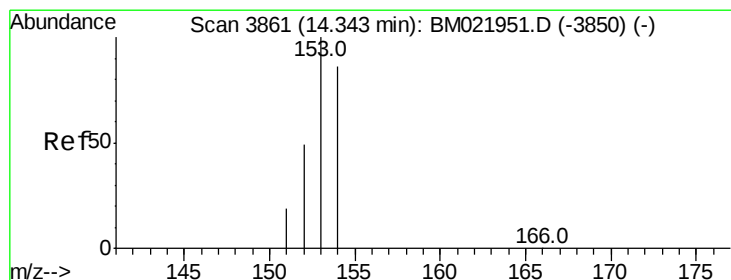
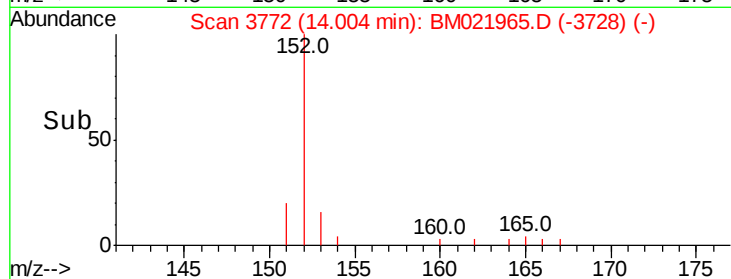
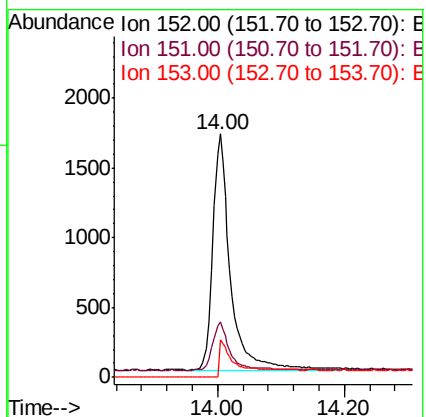
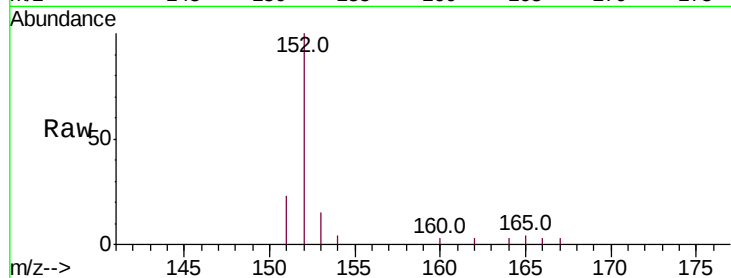
Tot Ion:152 Resp: 3138

Ion Ratio Lower Upper

152 100

151 22.7 18.3 27.5

153 15.5 12.8 19.2



#8

Acenaphthene

Concen: 0.379 ng/ul

RT: 14.35 min Scan# 3862

Delta R.T. 0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

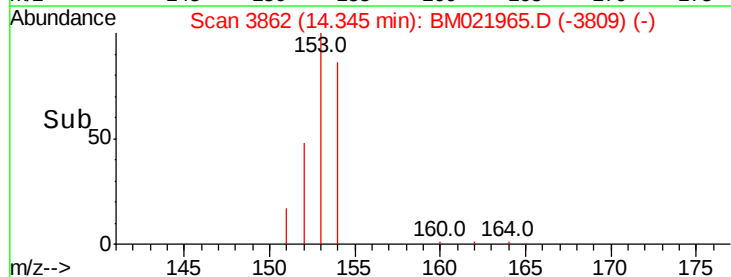
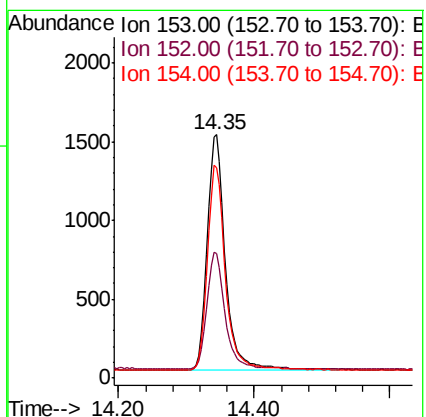
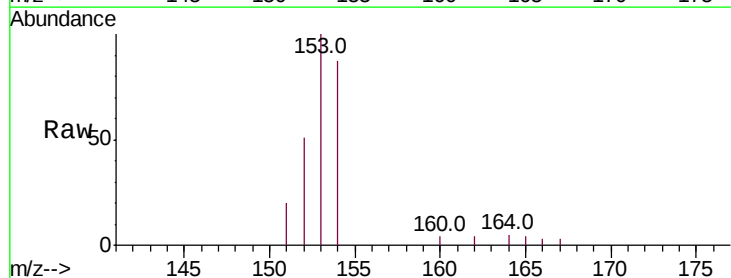
Tgt Ion:153 Resp: 2781

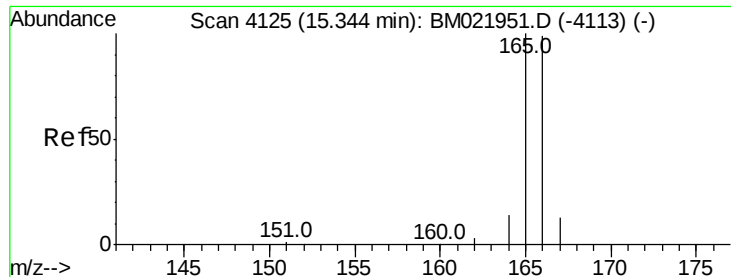
Ion Ratio Lower Upper

153 100

152 51.3 41.3 61.9

154 86.5 72.3 108.5





#9

Fluorene

Concen: 0.363 ng/ul

RT: 15.35 min Scan# 4126

Delta R.T. 0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

Instrument :

BNA_M

ClientSampleId :

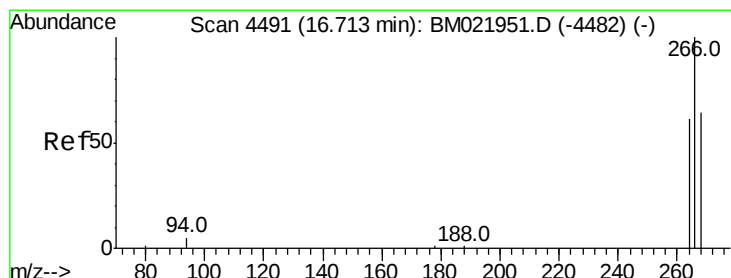
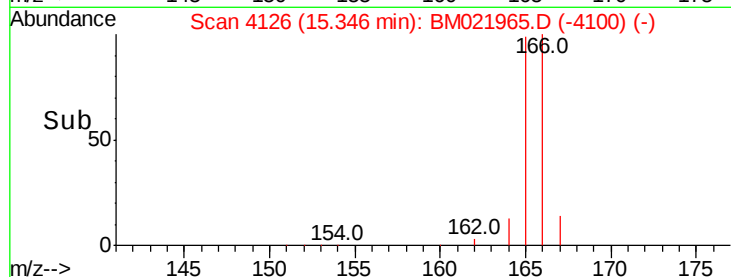
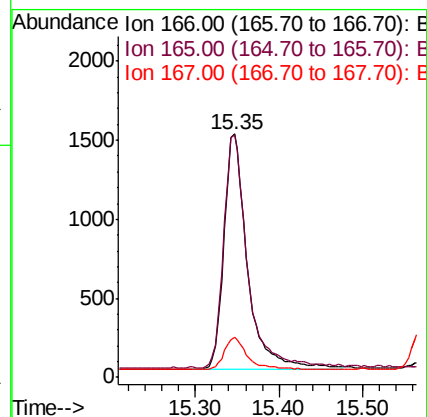
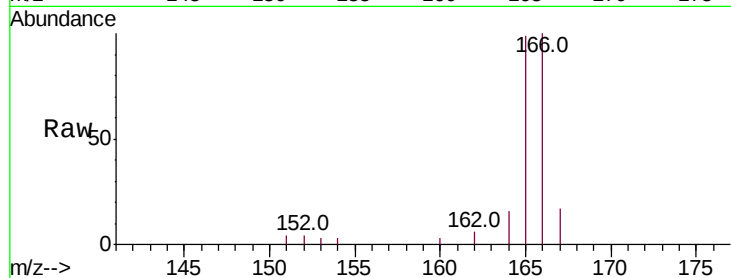
Tot Ion:166 Resp: 2959

Ion Ratio Lower Upper

166 100

165 99.5 81.4 122.0

167 16.6 13.7 20.5



#11

Pentachlorophenol

Concen: 0.341 ng/ul

RT: 16.71 min Scan# 4492

Delta R.T. 0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

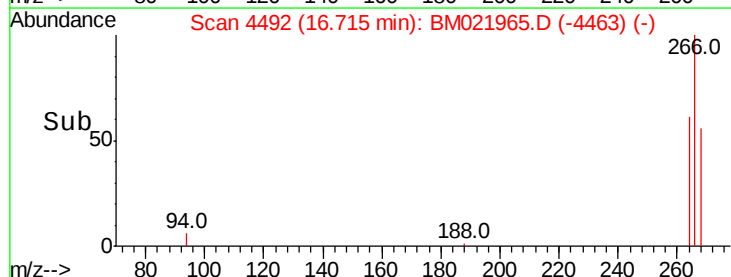
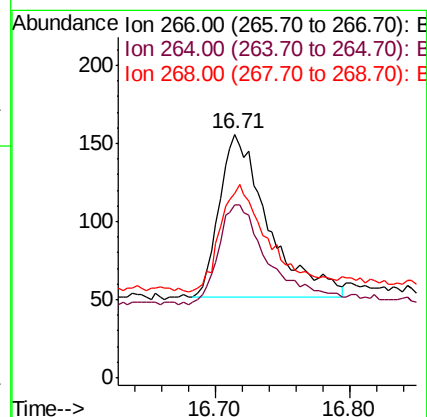
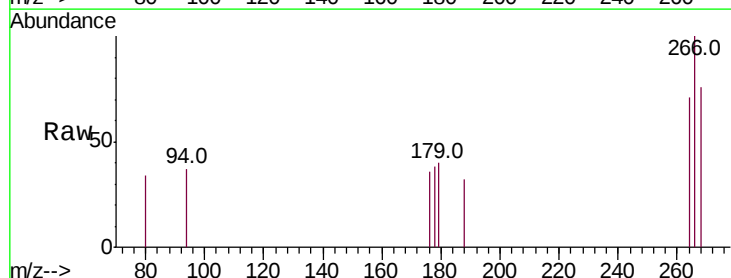
Tgt Ion:266 Resp: 259

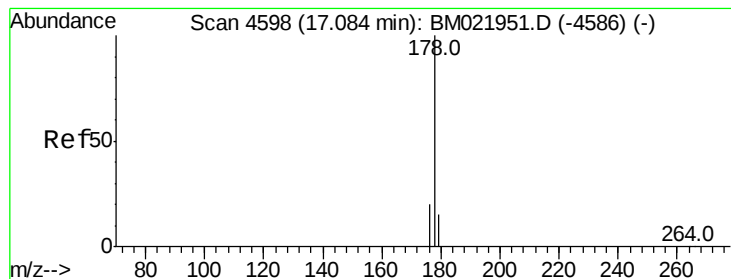
Ion Ratio Lower Upper

266 100

264 69.1 54.2 81.2

268 68.3 57.6 86.4





#12

Phenanthrene

Concen: 0.378 ng/ul

RT: 17.09 min Scan# 4599

Delta R.T. 0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

Instrument :

BNA_M

ClientSampleId :

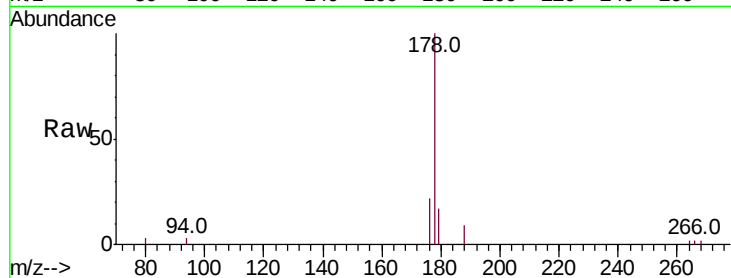
Tot Ion:178 Resp: 4526

Ion Ratio Lower Upper

178 100

179 17.4 14.2 21.2

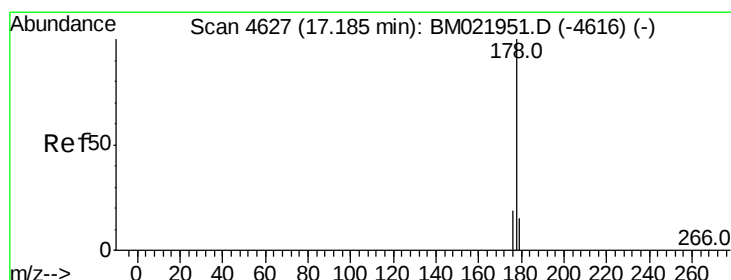
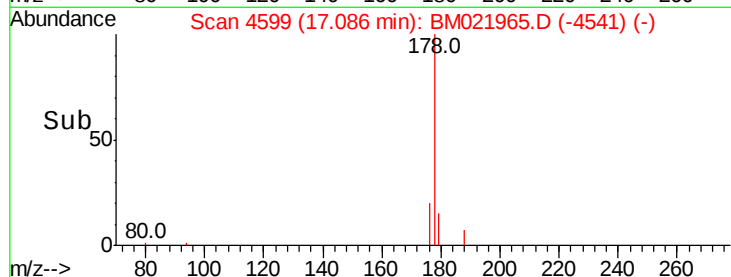
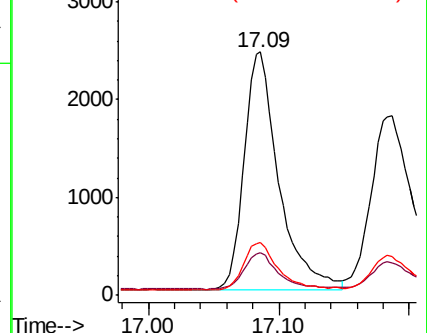
176 22.0 16.8 25.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.390 ng/ul

RT: 17.19 min Scan# 4628

Delta R.T. 0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

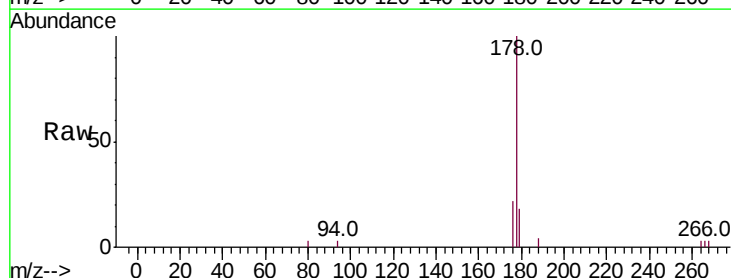
Tgt Ion:178 Resp: 3991

Ion Ratio Lower Upper

178 100

179 18.2 15.5 23.3

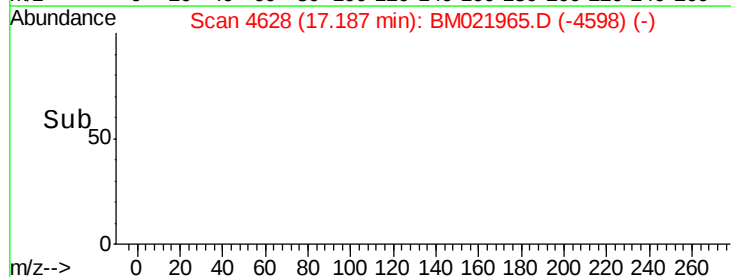
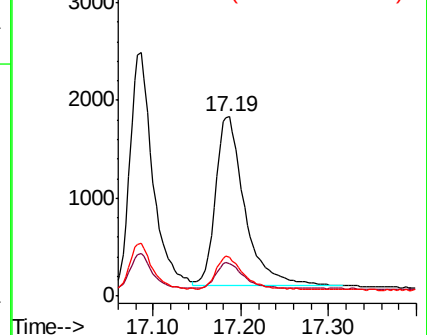
176 21.7 16.6 25.0

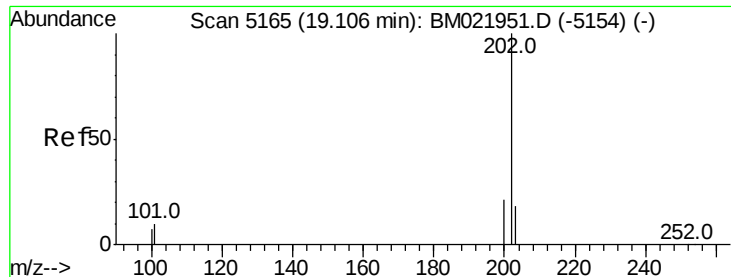


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.346 ng/ul

RT: 19.10 min Scan# 5165

Delta R.T. -0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

Instrument :

BNA_M

ClientSampleId :

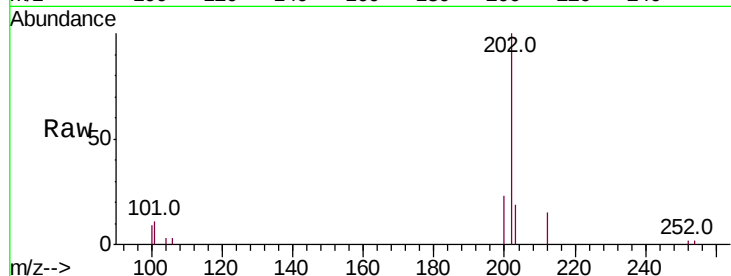
Tot Ion:202 Resp: 5558

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.2

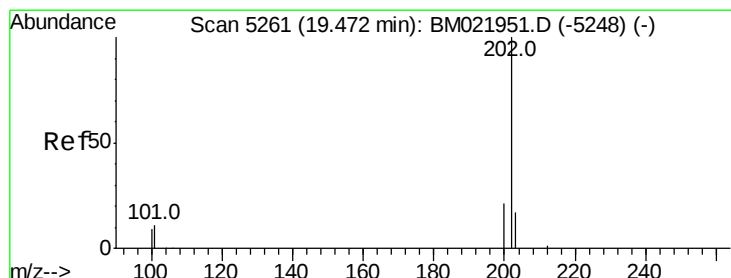
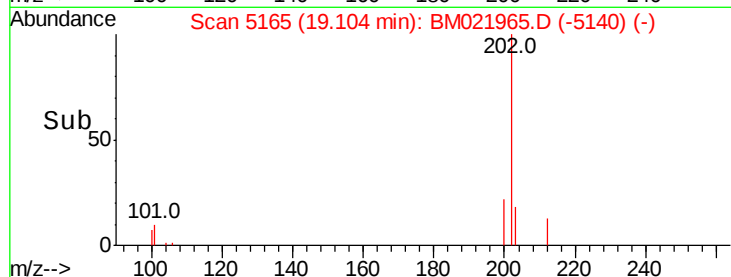
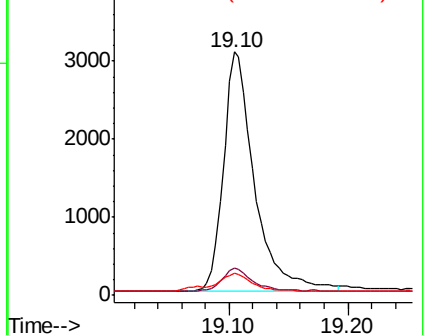
100 8.8 0.0 28.1



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: 0.357 ng/ul

RT: 19.47 min Scan# 5262

Delta R.T. 0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

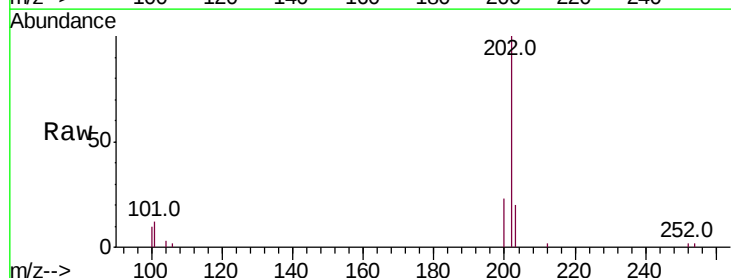
Tgt Ion:202 Resp: 5811

Ion Ratio Lower Upper

202 100

101 12.1 8.3 12.5

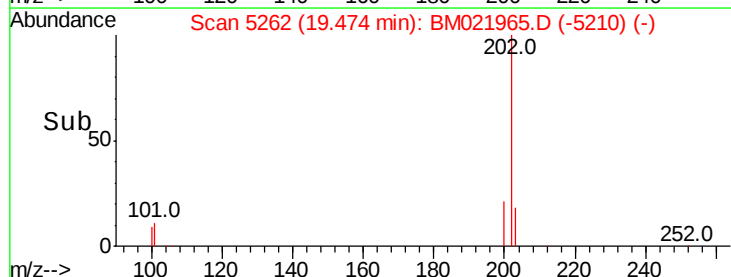
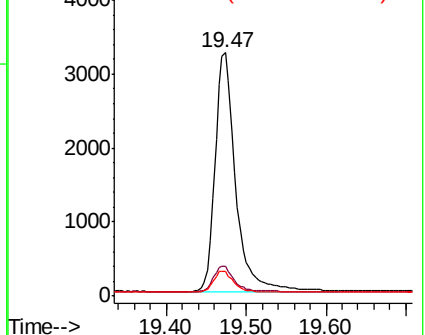
100 10.0 7.2 10.8

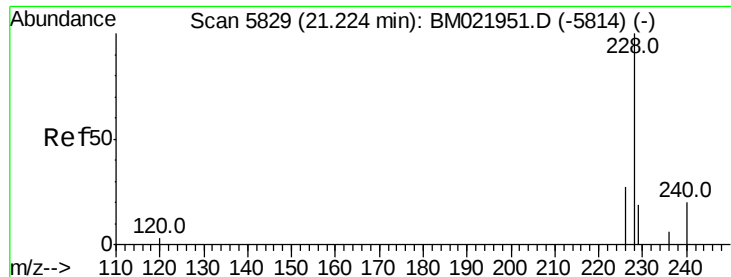


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.364 ng/ul

RT: 21.22 min Scan# 5830

Delta R.T. -0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

Instrument :

BNA_M

ClientSampleId :

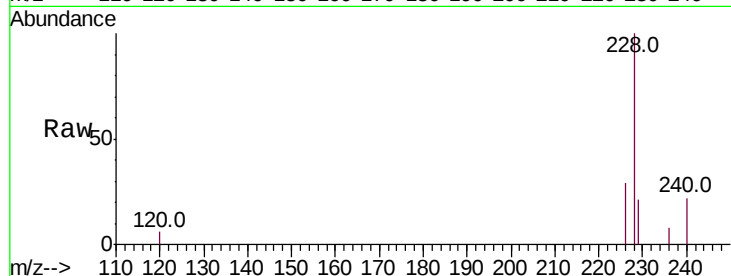
Tot Ion:228 Resp: 5165

Ion Ratio Lower Upper

228 100

229 20.9 17.2 25.8

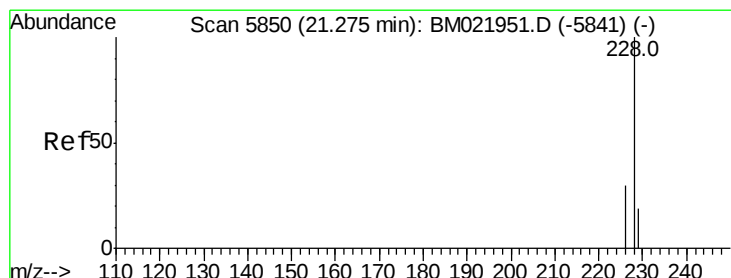
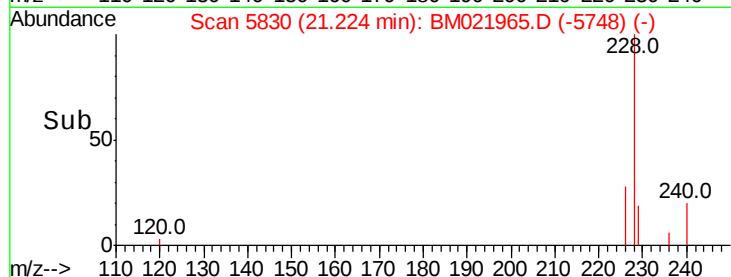
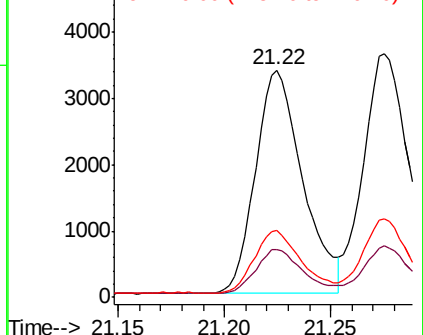
226 29.5 22.6 34.0



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: 0.343 ng/ul

RT: 21.28 min Scan# 5851

Delta R.T. -0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

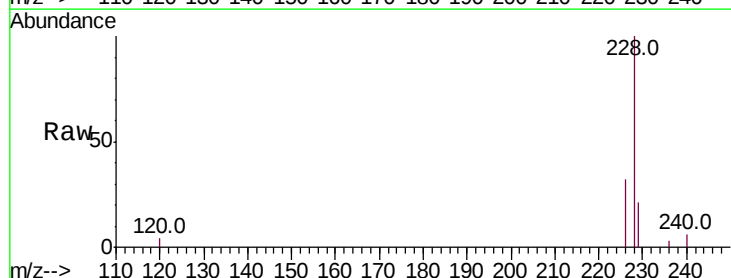
Tgt Ion:228 Resp: 6245

Ion Ratio Lower Upper

228 100

226 32.3 24.9 37.3

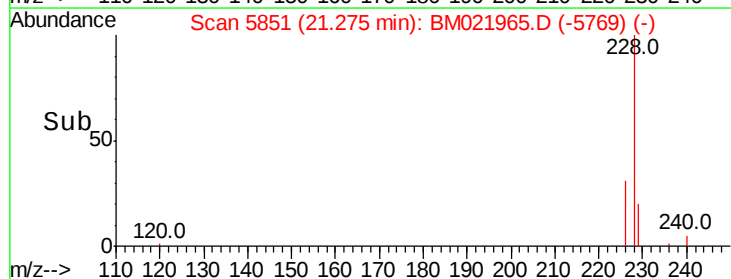
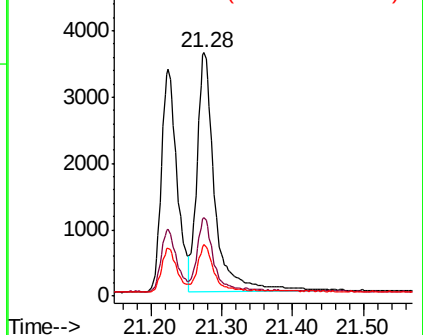
229 21.1 16.6 25.0

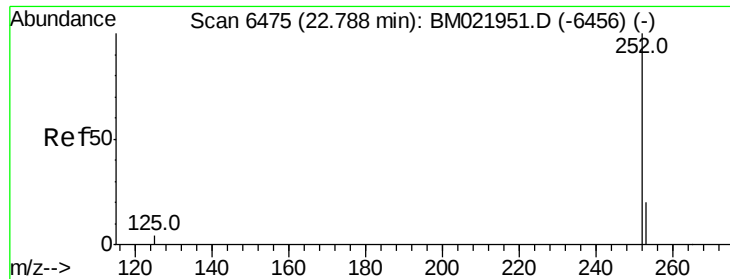


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

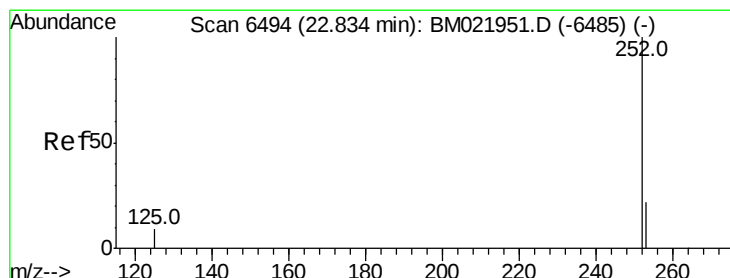
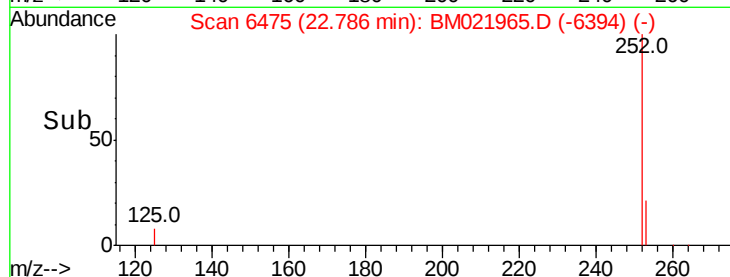
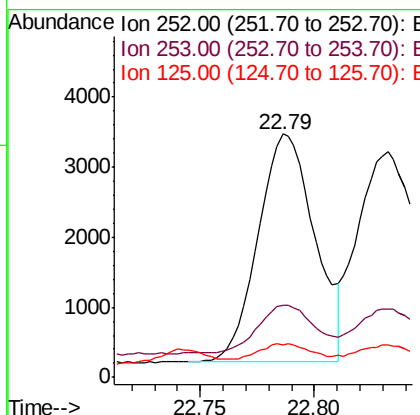
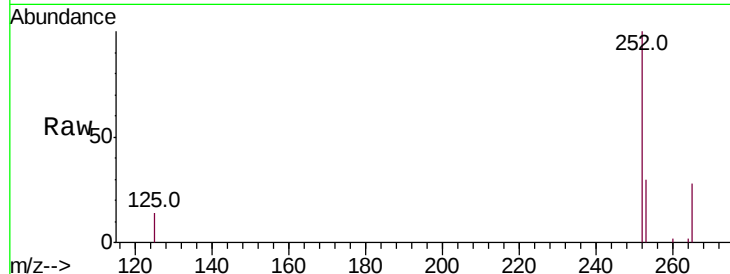




#21
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 22.79 min Scan# 6475
Delta R.T. -0.00 min
Lab File: BM021965.D
Acq: 09 Aug 2019 11:45

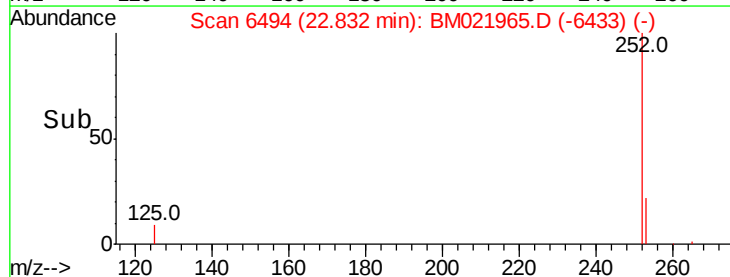
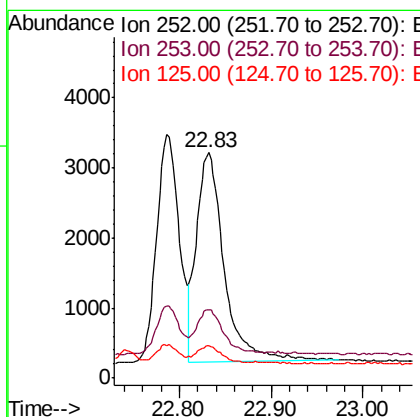
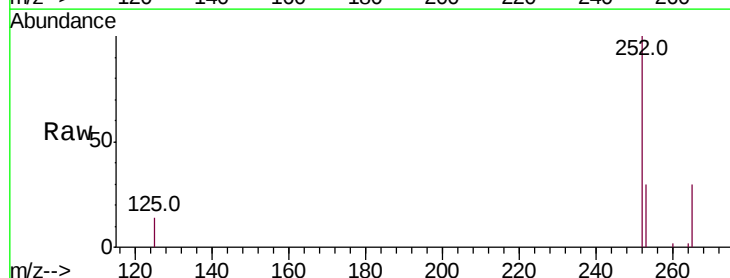
Instrument :
BNA_M
ClientSampleId :

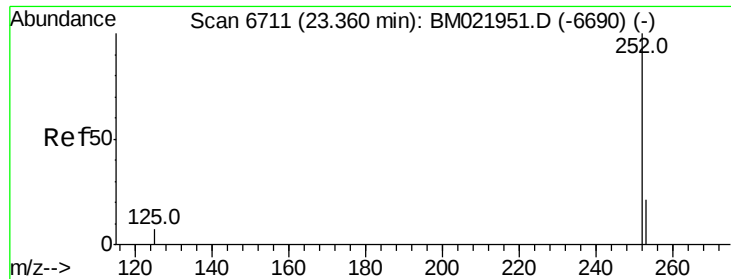
Tot Ion:252 Resp: 5610
Ion Ratio Lower Upper
252 100
253 29.7 0.0 67.4
125 13.6 0.0 31.0



#22
Benzo(k)fluoranthene
Concen: 0.359 ng/ul
RT: 22.83 min Scan# 6494
Delta R.T. -0.00 min
Lab File: BM021965.D
Acq: 09 Aug 2019 11:45

Tgt Ion:252 Resp: 6217
Ion Ratio Lower Upper
252 100
253 30.3 27.0 40.4
125 14.3 12.2 18.2

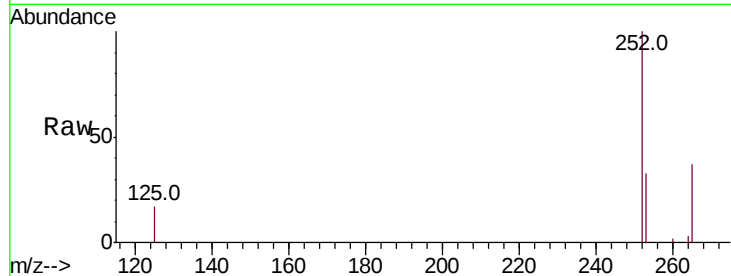




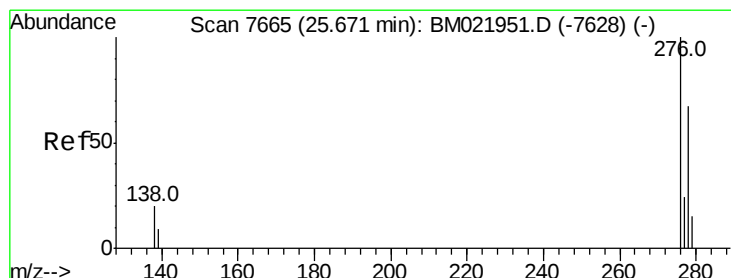
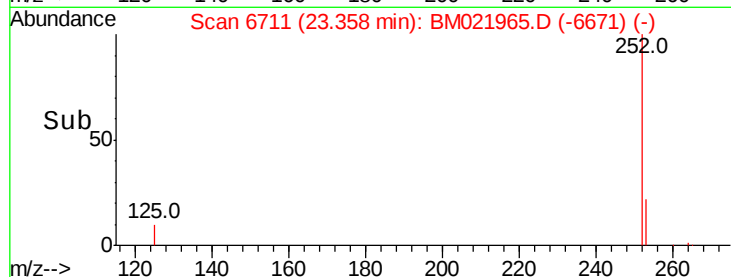
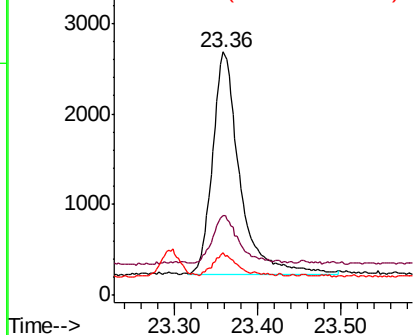
#23
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.36 min Scan# 6711
Delta R.T. -0.00 min
Lab File: BM021965.D
Acq: 09 Aug 2019 11:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 5608
Ion Ratio Lower Upper
252 100
253 32.9 31.7 47.5
125 17.3 14.6 21.8

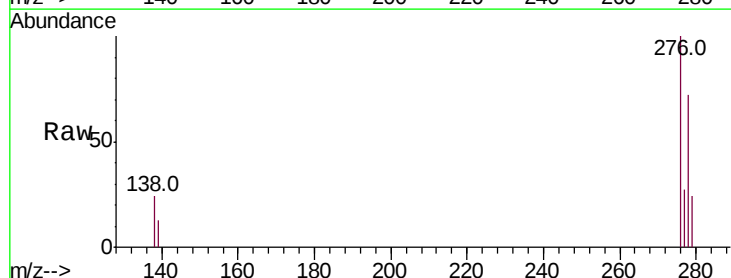


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

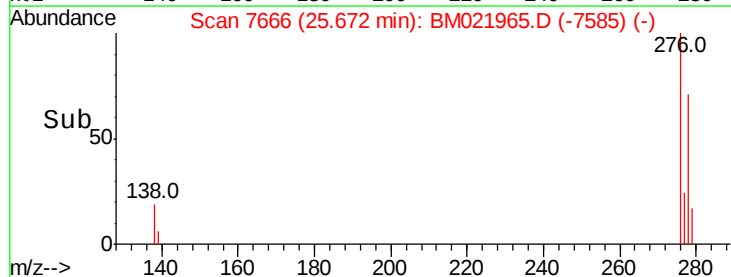
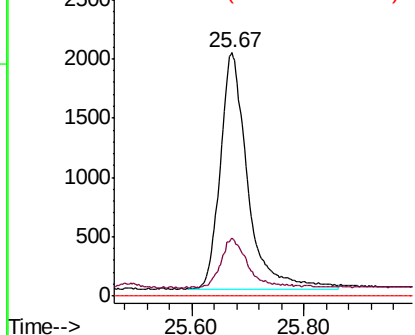


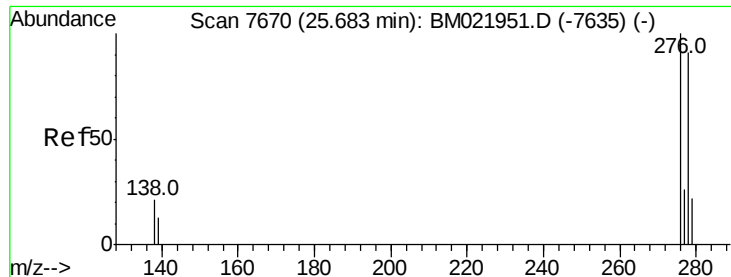
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 25.67 min Scan# 7666
Delta R.T. -0.00 min
Lab File: BM021965.D
Acq: 09 Aug 2019 11:45

Tgt Ion:276 Resp: 6778
Ion Ratio Lower Upper
276 100
138 20.7 15.1 22.7
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: 0.364 ng/ul

RT: 25.68 min Scan# 7669

Delta R.T. -0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

Instrument :

BNA_M

ClientSampleId :

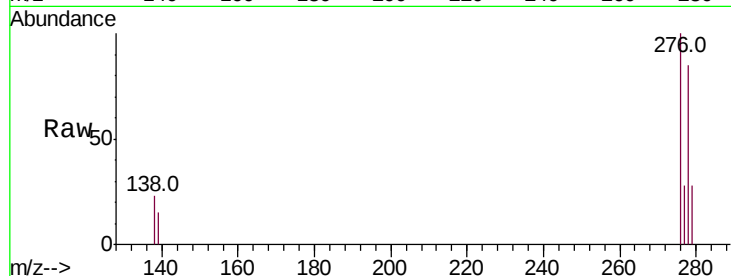
Tot Ion:278 Resp: 5474

Ion Ratio Lower Upper

278 100

139 17.8 14.2 21.2

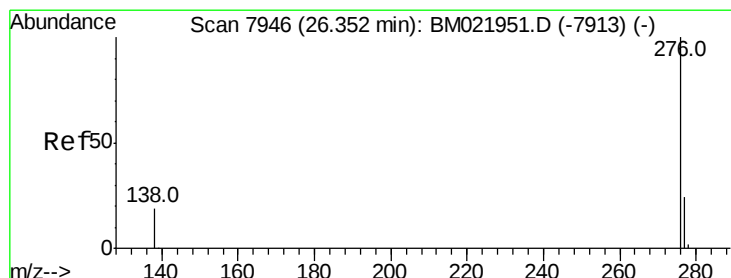
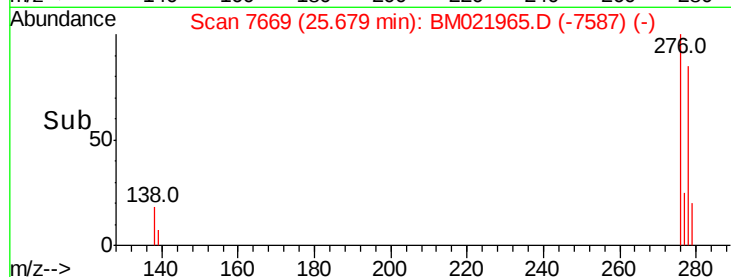
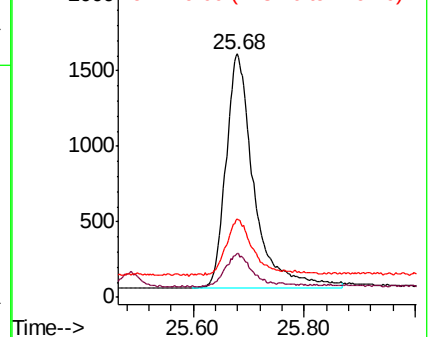
279 32.4 28.3 42.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.353 ng/ul

RT: 26.35 min Scan# 7947

Delta R.T. -0.00 min

Lab File: BM021965.D

Acq: 09 Aug 2019 11:45

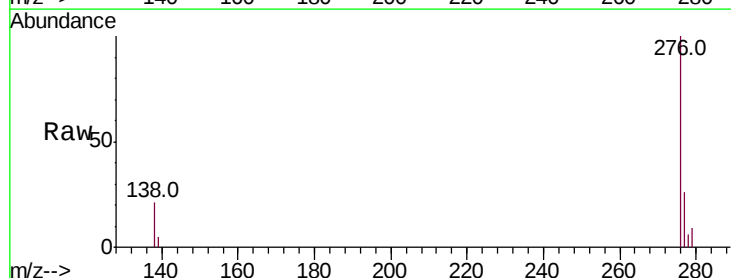
Tgt Ion:276 Resp: 5917

Ion Ratio Lower Upper

276 100

138 20.9 15.5 23.3

277 26.3 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

