

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM021972.D
 Acq On : 09 Aug 2019 16:47
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 10 05:23:07 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

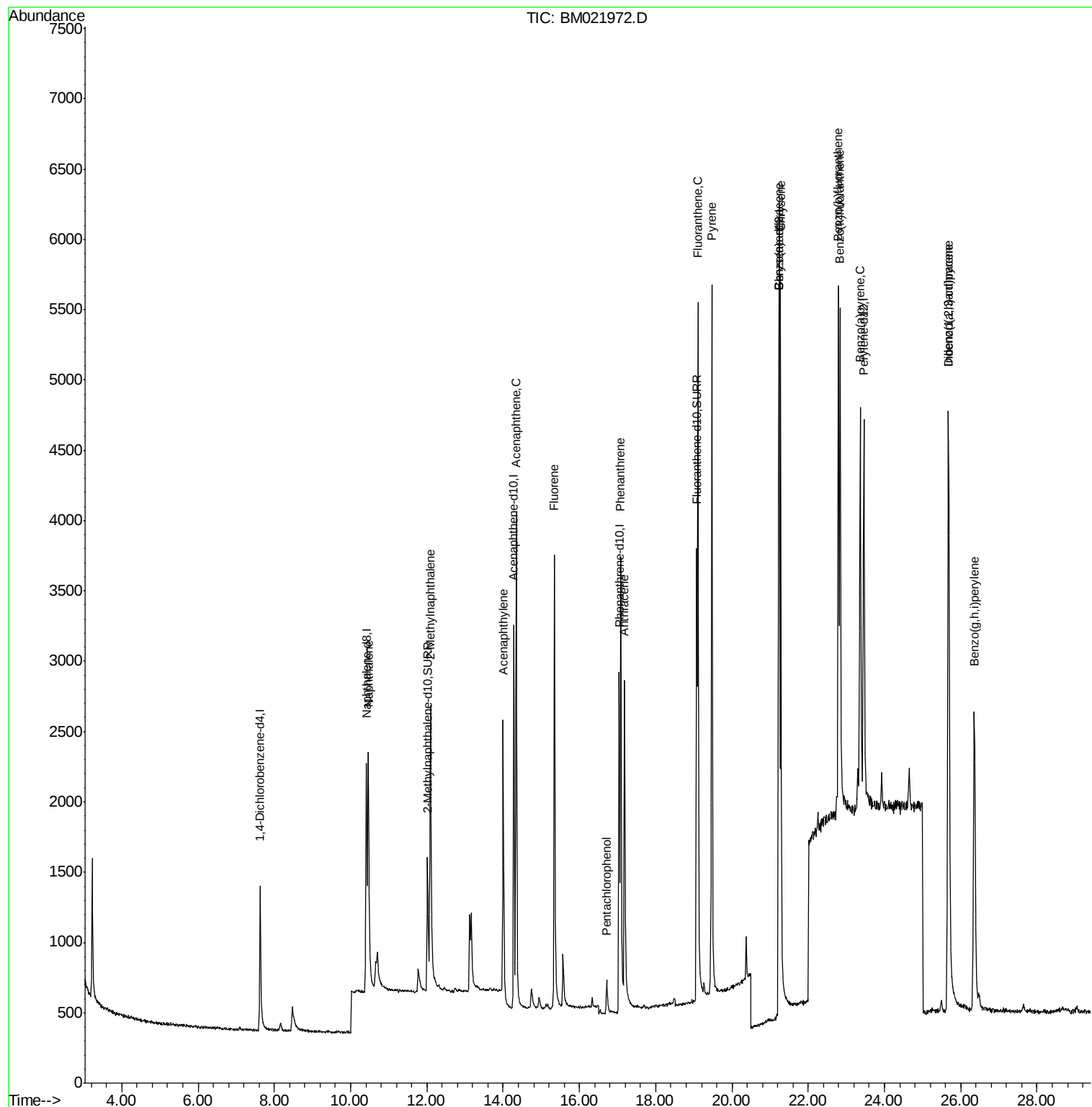
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	729	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3303	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	1780	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	3785	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	3609	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	4153	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2026	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	4479	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	3280	0.352	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	2247	0.361	ng/ul	100
7) Acenaphthylene	14.00	152	3000	0.361	ng/ul#	84
8) Acenaphthene	14.34	153	2517	0.371	ng/ul	98
9) Fluorene	15.34	166	2656	0.352	ng/ul	99
11) Pentachlorophenol	16.71	266	267	0.382	ng/ul	88
12) Phenanthrene	17.08	178	4122	0.374	ng/ul	99
13) Anthracene	17.18	178	3612	0.384	ng/ul	98
15) Fluoranthene	19.11	202	5097	0.345	ng/ul	98
17) Pyrene	19.47	202	5327	0.359	ng/ul	95
18) Benzo(a)anthracene	21.23	228	4698	0.364	ng/ul	99
19) Chrysene	21.28	228	5709	0.344	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	5092	0.364	ng/ul	96
22) Benzo(k)fluoranthene	22.83	252	5525	0.349	ng/ul	97
23) Benzo(a)pyrene	23.36	252	5111	0.359	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.68	276	5989	0.352	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.69	278	4784	0.348	ng/ul	97
26) Benzo(g,h,i)perylene	26.35	276	5241	0.342	ng/ul	97

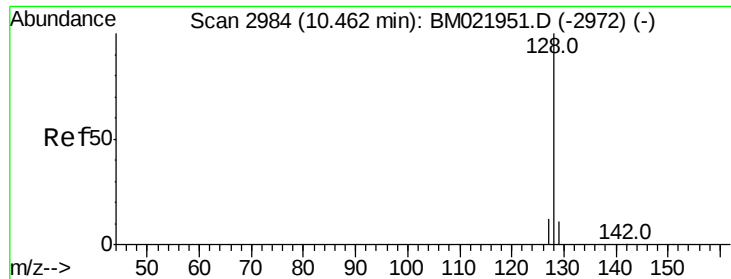
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
Data File : BM021972.D
Acq On : 09 Aug 2019 16:47
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 10 05:23:07 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: 0.352 ng/ul

RT: 10.46 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

Instrument :

BNA_M

ClientSampleId :

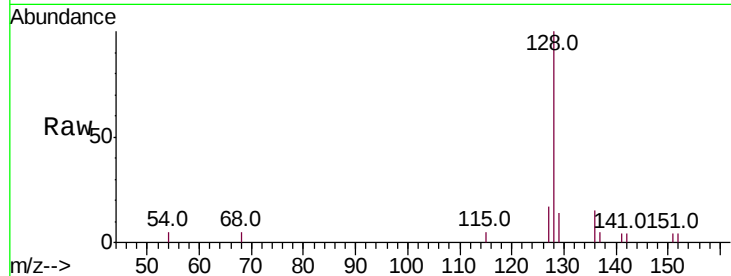
Tot Ion:128 Resp: 3280

Ion Ratio Lower Upper

128 100

129 13.8 12.3 18.5

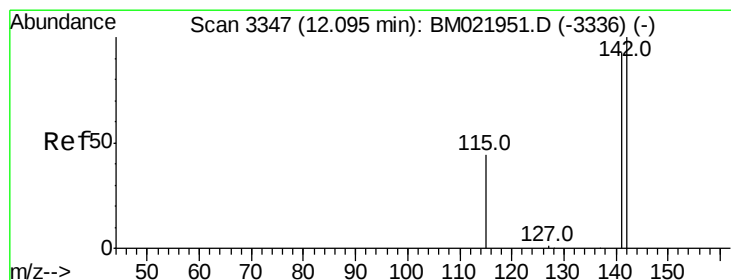
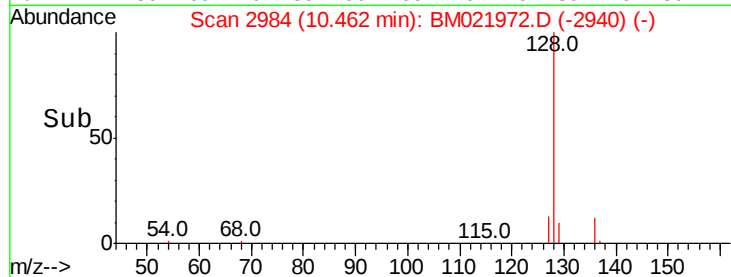
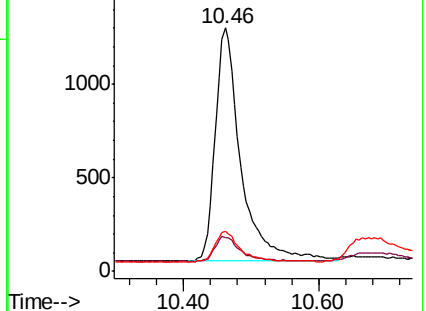
127 16.5 13.0 19.6



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: 0.361 ng/ul

RT: 12.09 min Scan# 3347

Delta R.T. -0.00 min

Lab File: BM021972.D

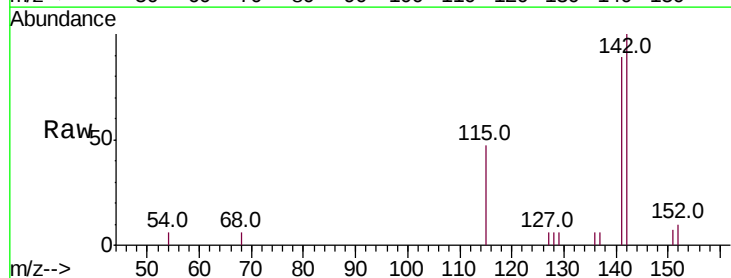
Acq: 09 Aug 2019 16:47

Tgt Ion:142 Resp: 2247

Ion Ratio Lower Upper

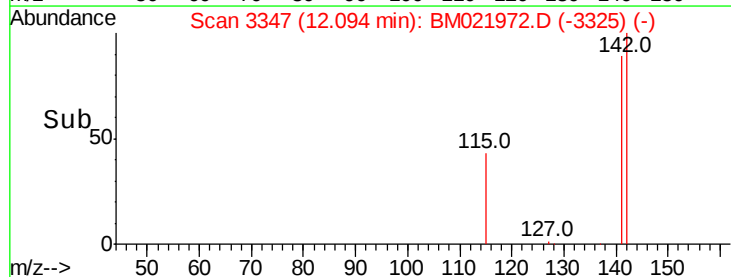
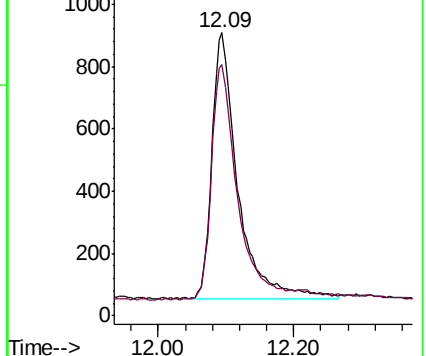
142 100

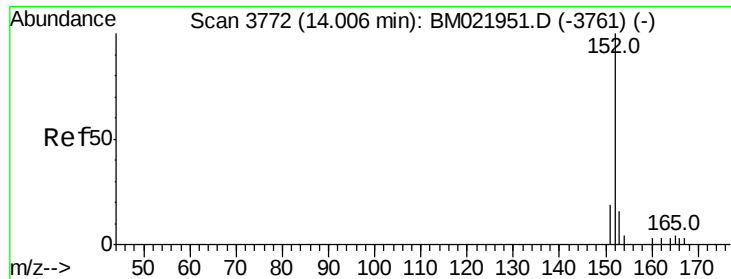
141 93.3 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.361 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

Instrument :

BNA_M

ClientSampleId :

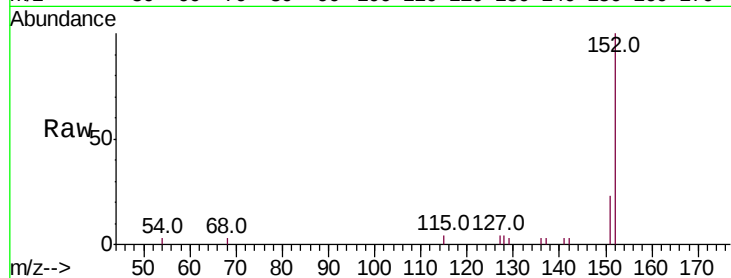
Tot Ion:152 Resp: 3000

Ion Ratio Lower Upper

152 100

151 23.2 18.3 27.5

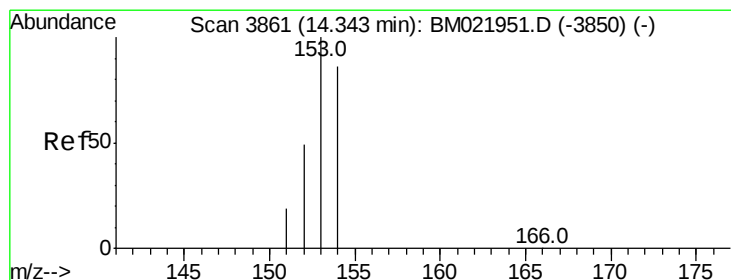
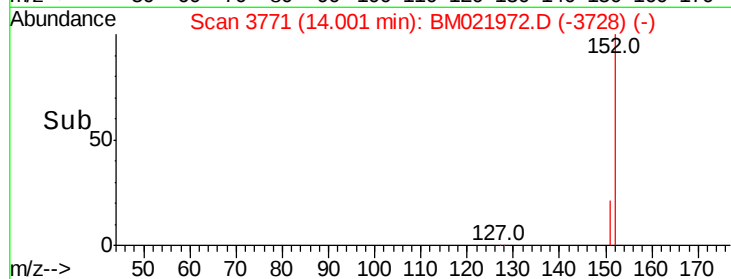
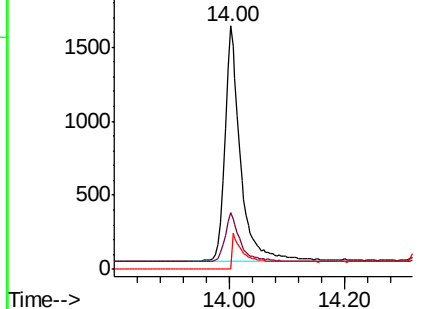
153 0.0 12.8 19.2#



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: 0.371 ng/ul

RT: 14.34 min Scan# 3861

Delta R.T. -0.00 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

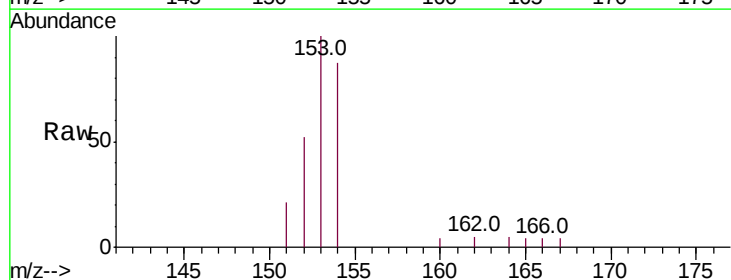
Tgt Ion:153 Resp: 2517

Ion Ratio Lower Upper

153 100

152 51.7 41.3 61.9

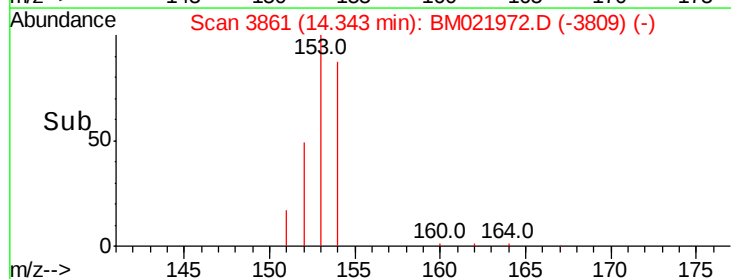
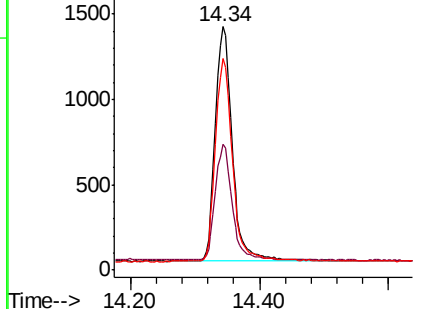
154 86.9 72.3 108.5

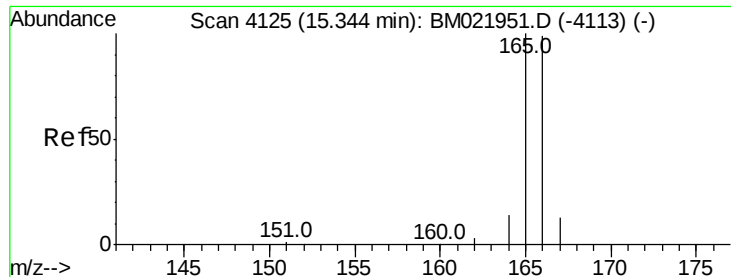


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.352 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

Instrument :

BNA_M

ClientSampleId :

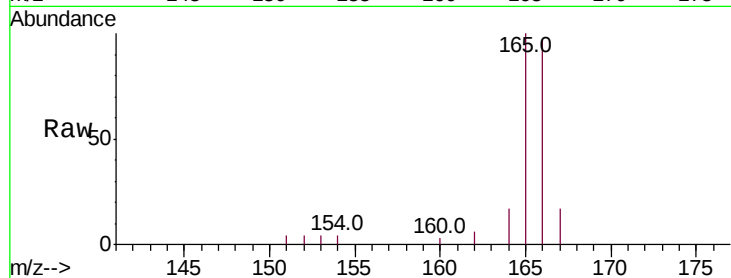
Tot Ion:166 Resp: 2656

Ion Ratio Lower Upper

166 100

165 102.7 81.4 122.0

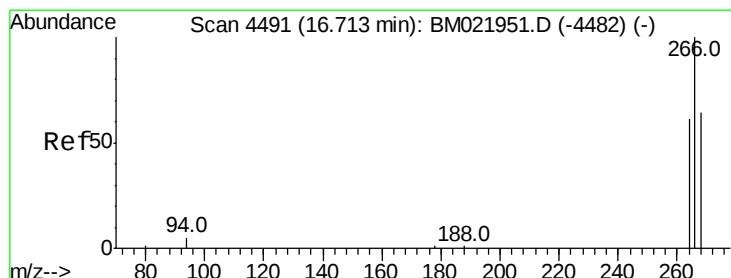
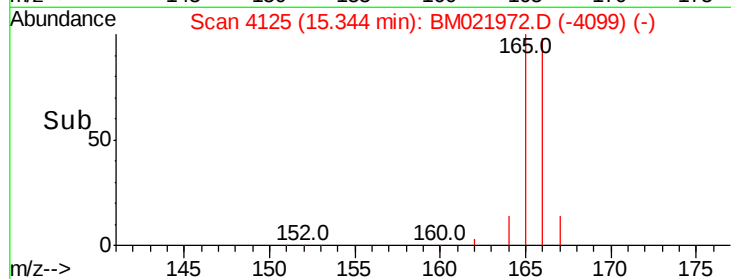
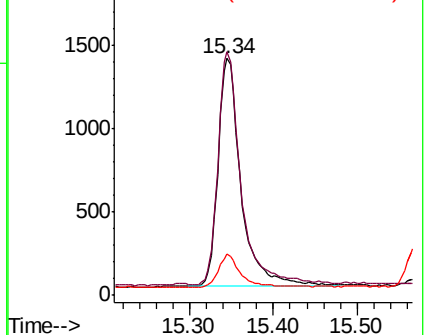
167 17.3 13.7 20.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.382 ng/ul

RT: 16.71 min Scan# 4491

Delta R.T. -0.00 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

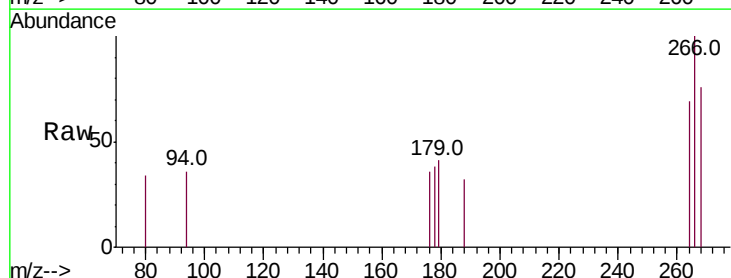
Tgt Ion:266 Resp: 267

Ion Ratio Lower Upper

266 100

264 60.7 54.2 81.2

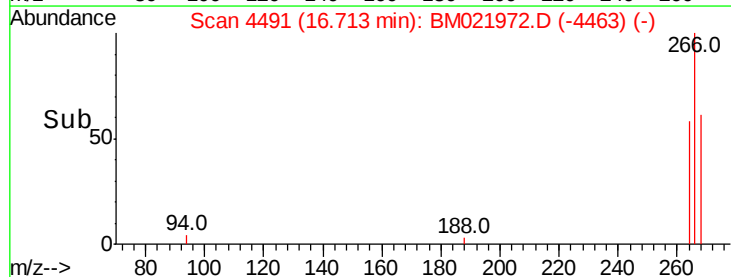
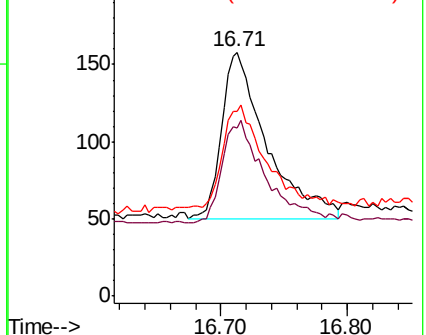
268 59.9 57.6 86.4

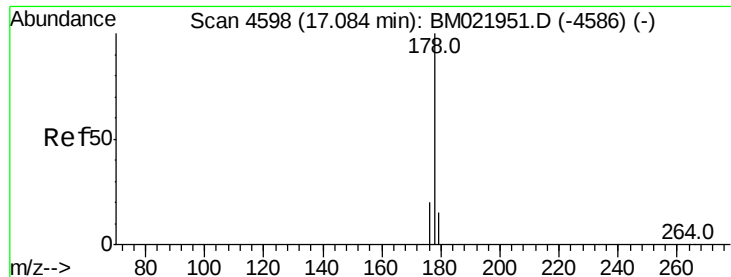


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.374 ng/ul

RT: 17.08 min Scan# 4598

Delta R.T. -0.00 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

Instrument :

BNA_M

ClientSampleId :

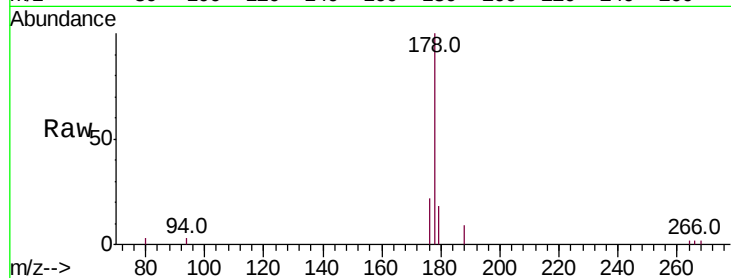
Tot Ion:178 Resp: 4122

Ion Ratio Lower Upper

178 100

179 17.8 14.2 21.2

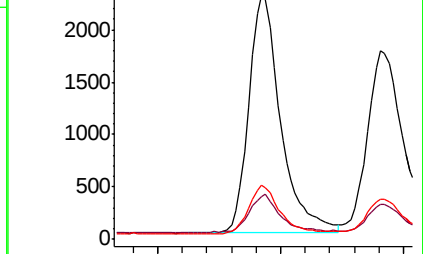
176 22.1 16.8 25.2



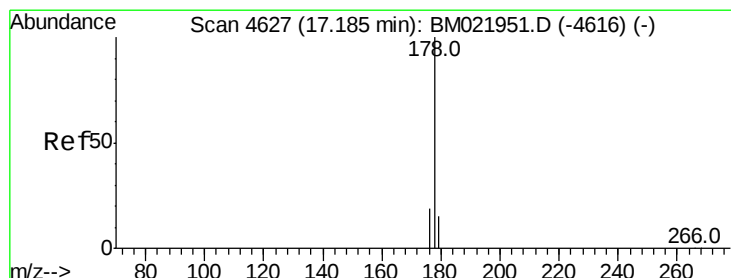
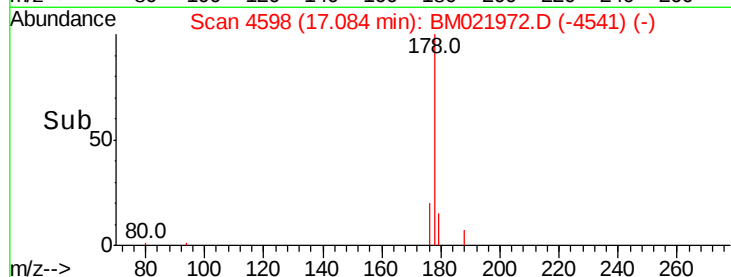
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#13

Anthracene

Concen: 0.384 ng/ul

RT: 17.18 min Scan# 4626

Delta R.T. -0.00 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

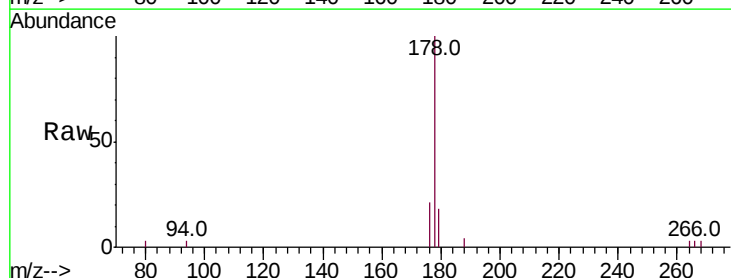
Tgt Ion:178 Resp: 3612

Ion Ratio Lower Upper

178 100

179 18.4 15.5 23.3

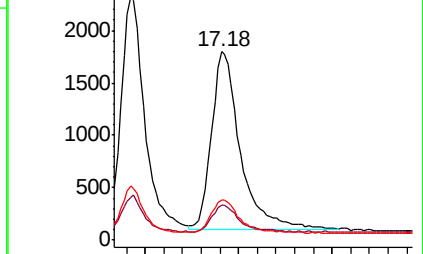
176 21.3 16.6 25.0



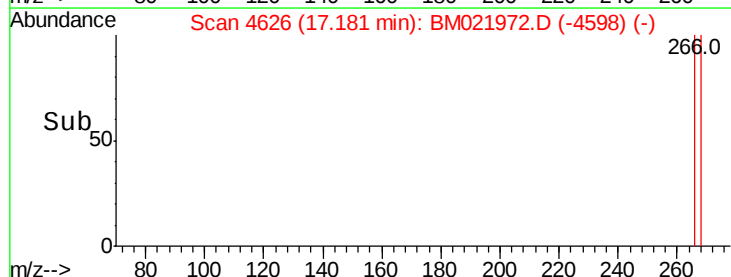
Abundance Ion 178.00 (177.70 to 178.70): E

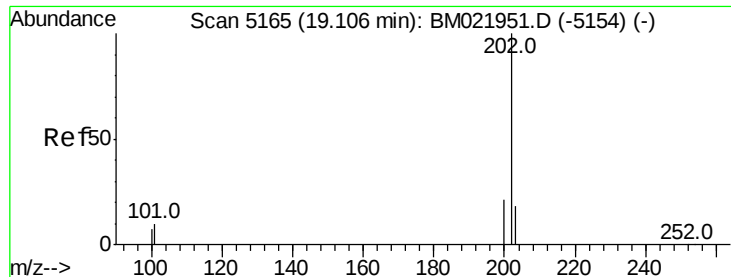
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->

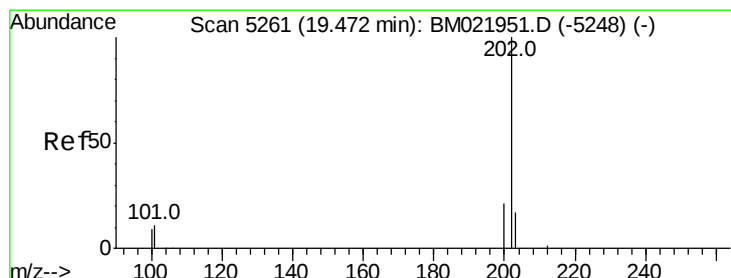
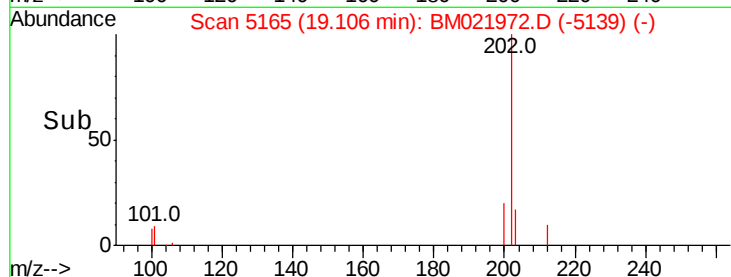
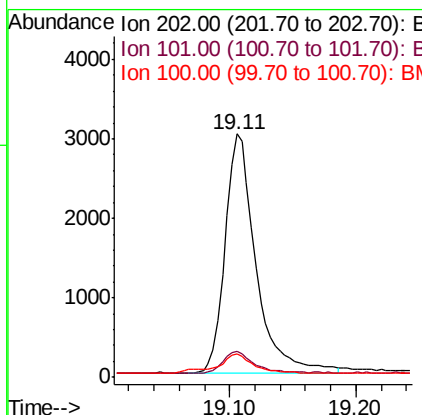
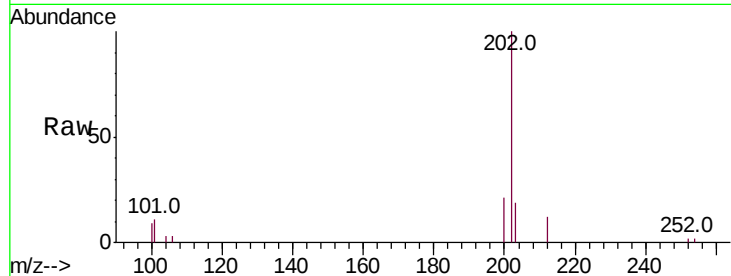




#15
Fluoranthene
 Concen: 0.345 ng/ul
 RT: 19.11 min Scan# 5165
 Delta R.T. -0.00 min
 Lab File: BM021972.D
 Acq: 09 Aug 2019 16:47

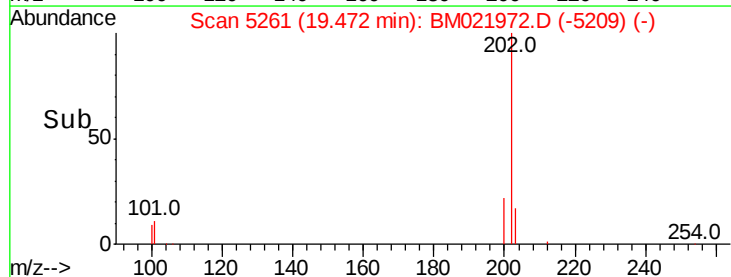
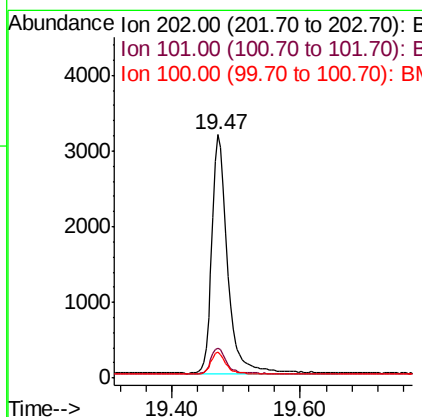
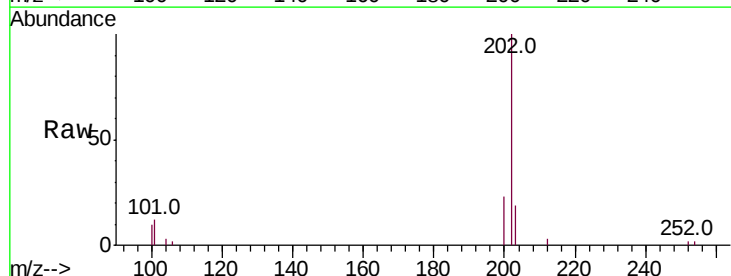
Instrument :
 BNA_M
 ClientSampleId :

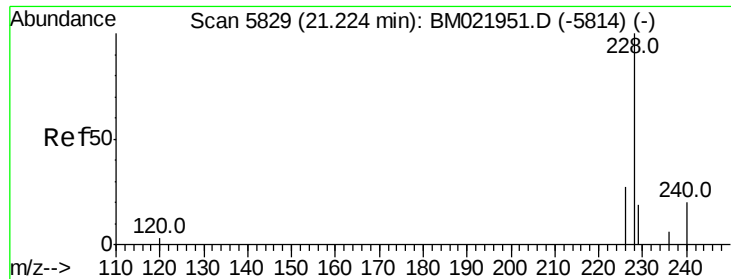
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.2
100	9.4	0.0	28.1



#17
Pyrene
 Concen: 0.359 ng/ul
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.00 min
 Lab File: BM021972.D
 Acq: 09 Aug 2019 16:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.3	12.5
100	10.5	7.2	10.8

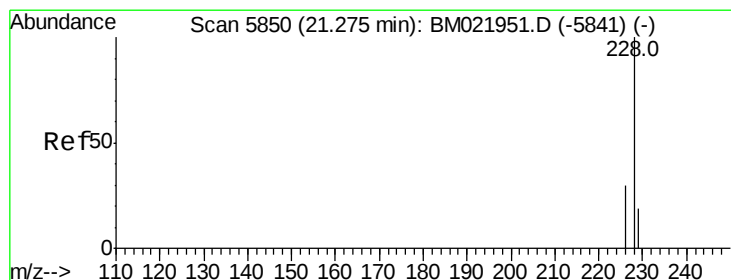
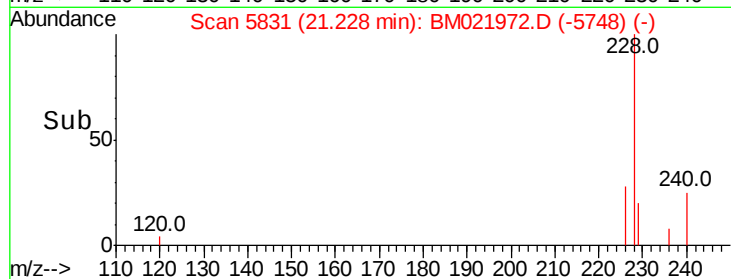
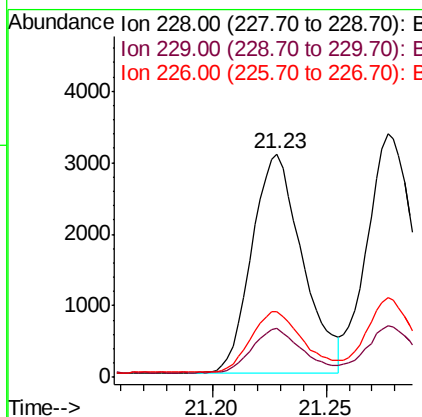
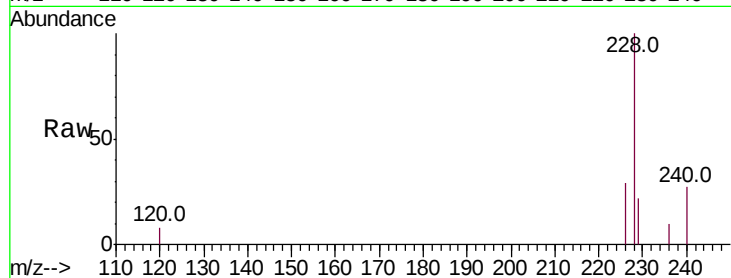




#18
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.23 min Scan# 5831
Delta R.T. 0.00 min
Lab File: BM021972.D
Acq: 09 Aug 2019 16:47

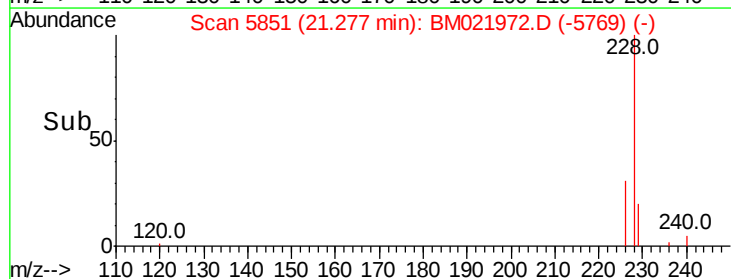
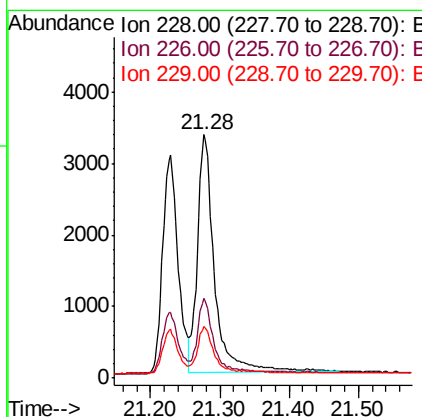
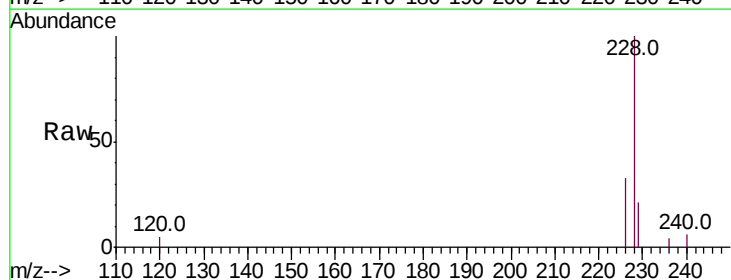
Instrument :
BNA_M
ClientSampleId :

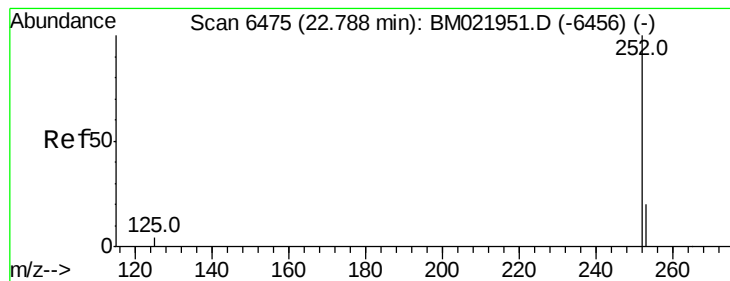
Tot Ion:228 Resp: 4698
Ion Ratio Lower Upper
228 100
229 21.8 17.2 25.8
226 29.2 22.6 34.0



#19
Chrysene
Concen: 0.344 ng/ul
RT: 21.28 min Scan# 5851
Delta R.T. -0.00 min
Lab File: BM021972.D
Acq: 09 Aug 2019 16:47

Tgt Ion:228 Resp: 5709
Ion Ratio Lower Upper
228 100
226 32.8 24.9 37.3
229 21.2 16.6 25.0





#21

Benzo(b)fluoranthene

Concen: 0.364 ng/ul

RT: 22.79 min Scan# 6477

Delta R.T. 0.00 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

Instrument :

BNA_M

ClientSampleId :

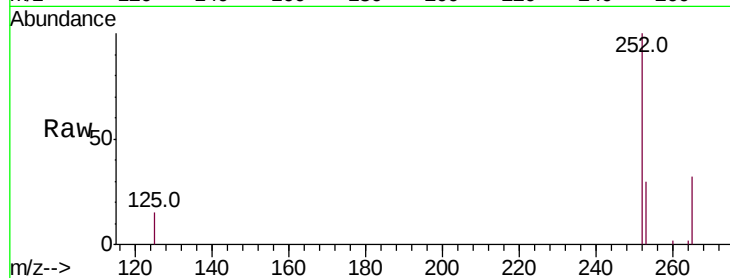
Tot Ion:252 Resp: 5092

Ion Ratio Lower Upper

252 100

253 30.2 0.0 67.4

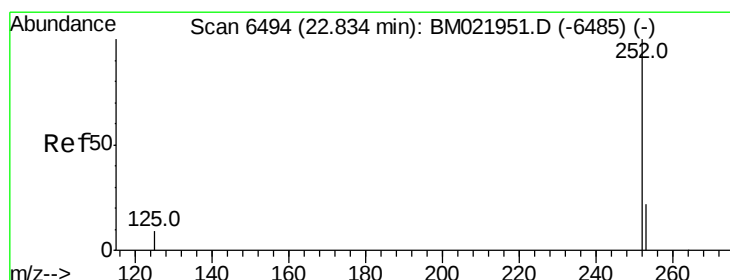
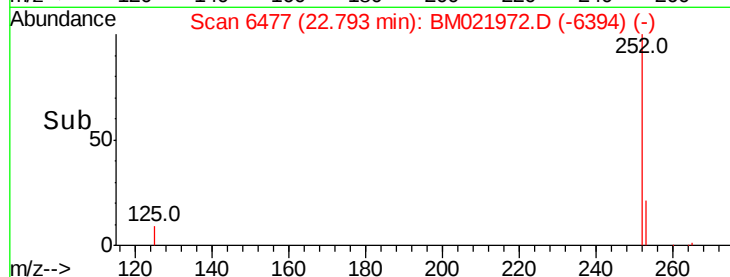
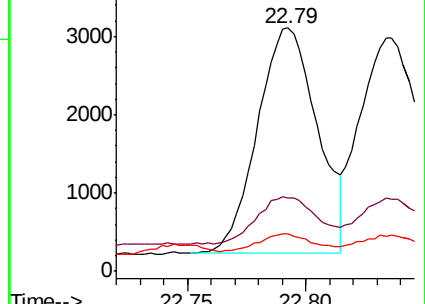
125 15.2 0.0 31.0



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



#22

Benzo(k)fluoranthene

Concen: 0.349 ng/ul

RT: 22.83 min Scan# 6494

Delta R.T. -0.00 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

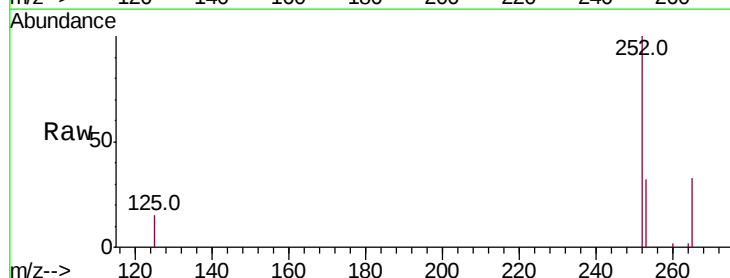
Tgt Ion:252 Resp: 5525

Ion Ratio Lower Upper

252 100

253 31.7 27.0 40.4

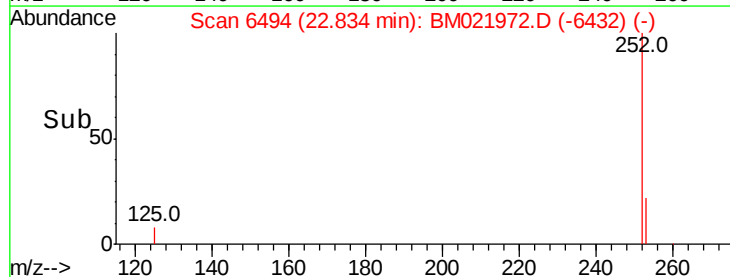
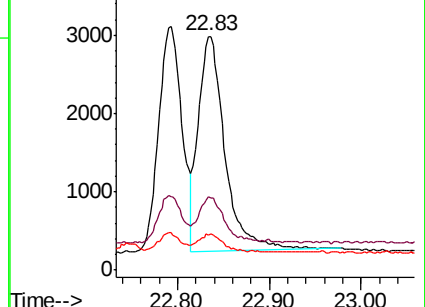
125 15.1 12.2 18.2

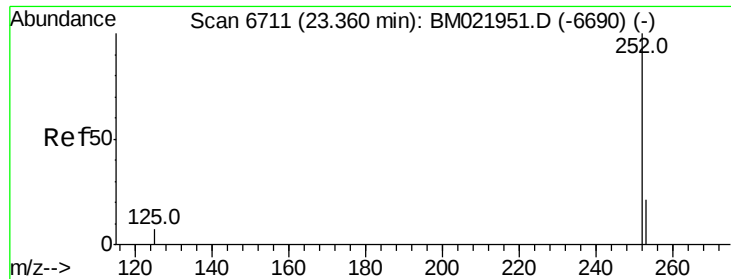


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.359 ng/ul

RT: 23.36 min Scan# 6712

Delta R.T. 0.00 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

Instrument :

BNA_M

ClientSampleId :

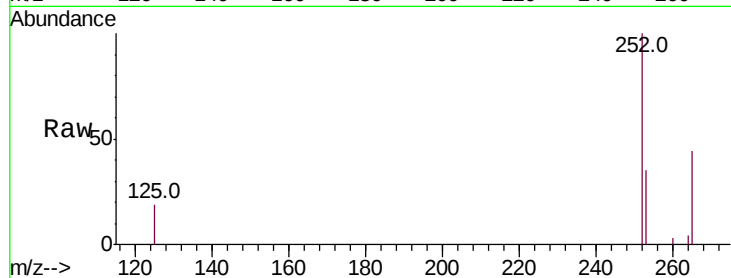
Tot Ion:252 Resp: 5111

Ion Ratio Lower Upper

252 100

253 34.9 31.7 47.5

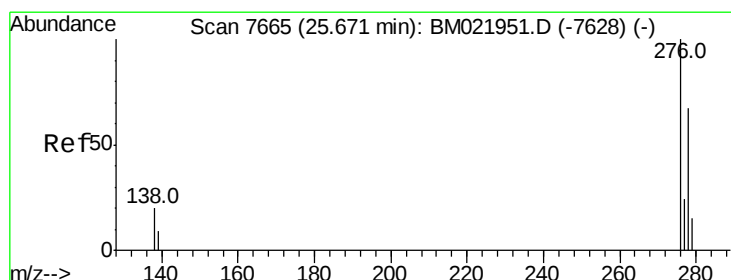
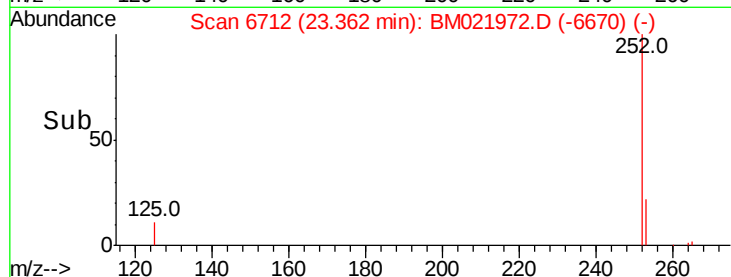
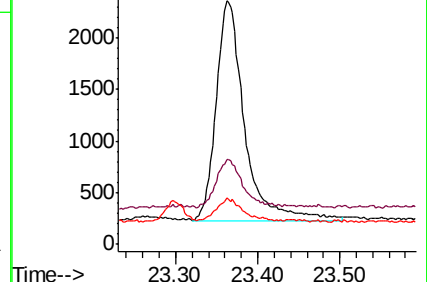
125 19.2 14.6 21.8



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: 0.352 ng/ul

RT: 25.68 min Scan# 7669

Delta R.T. 0.00 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

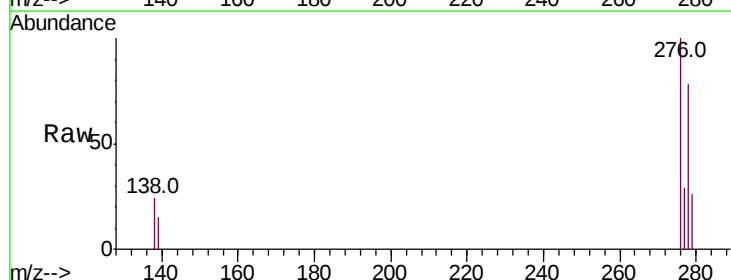
Tgt Ion:276 Resp: 5989

Ion Ratio Lower Upper

276 100

138 20.3 15.1 22.7

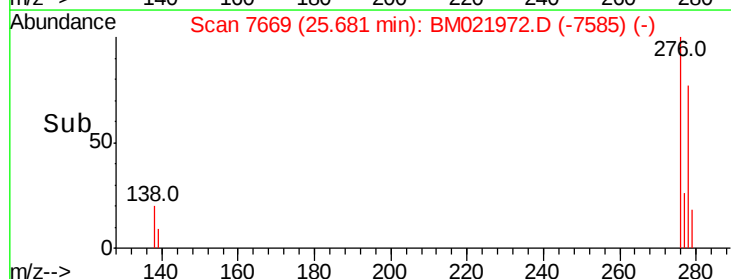
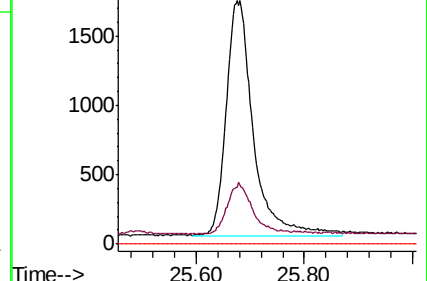
227 0.0 0.0 0.0

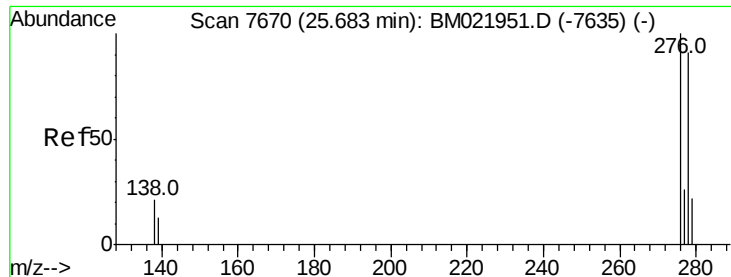


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.348 ng/ul

RT: 25.69 min Scan# 7672

Delta R.T. 0.01 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

Instrument :

BNA_M

ClientSampleId :

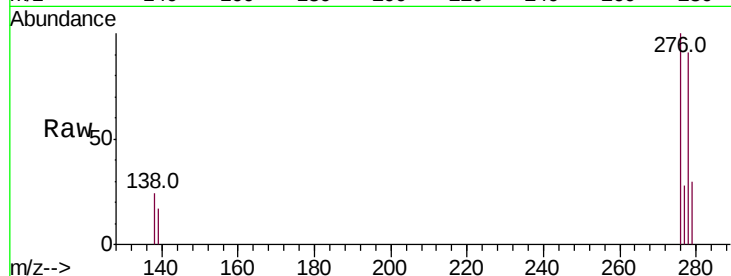
Tot Ion:278 Resp: 4784

Ion Ratio Lower Upper

278 100

139 18.5 14.2 21.2

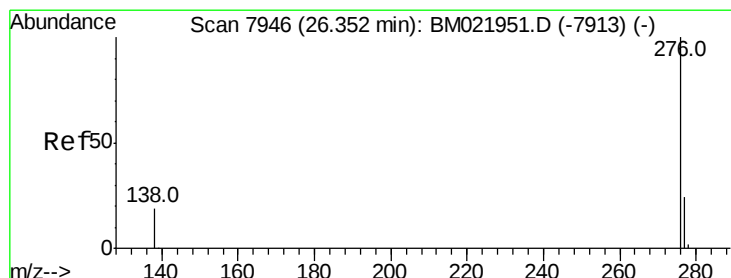
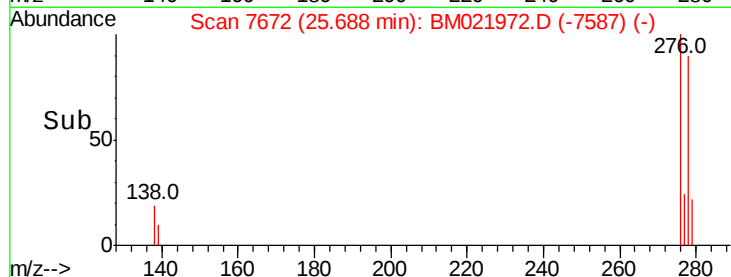
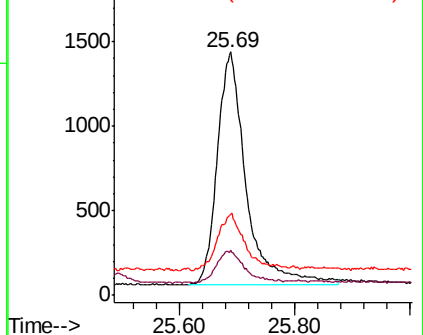
279 33.4 28.3 42.5



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: 0.342 ng/ul

RT: 26.35 min Scan# 7946

Delta R.T. -0.01 min

Lab File: BM021972.D

Acq: 09 Aug 2019 16:47

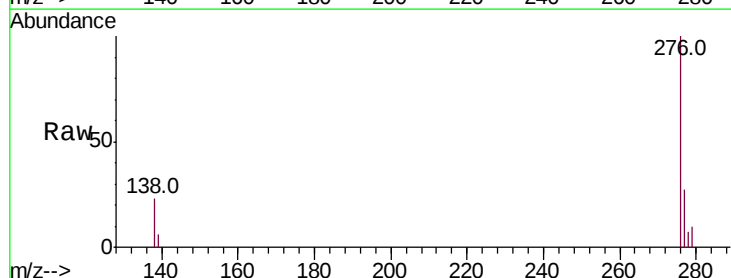
Tgt Ion:276 Resp: 5241

Ion Ratio Lower Upper

276 100

138 22.6 15.5 23.3

277 27.1 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

