

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080919\
 Data File : BM022019.D
 Acq On : 11 Aug 2019 05:58
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 12 01:31:04 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

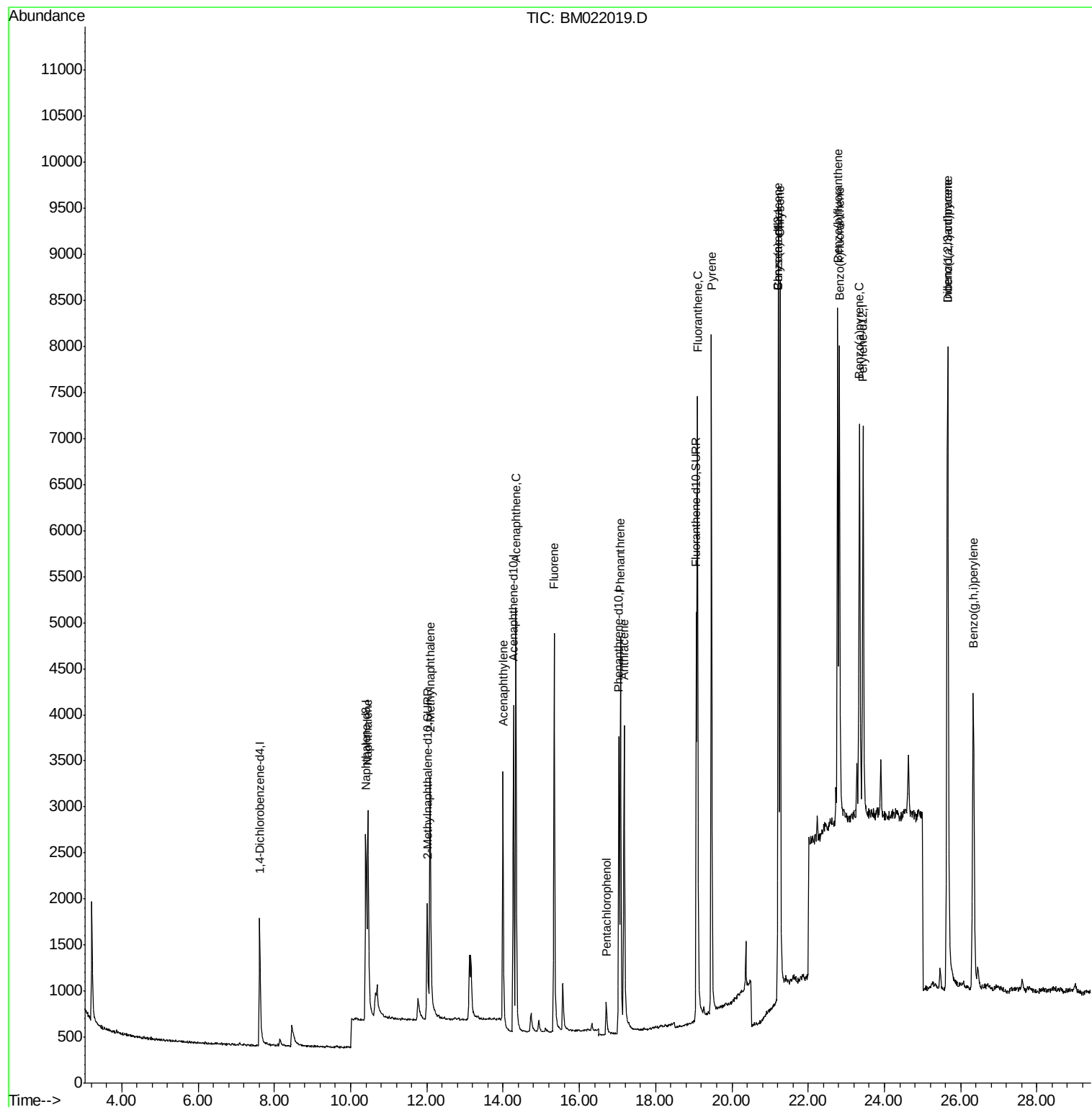
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	985	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	4269	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.27	164	2300	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5127	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	4937	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5907	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2651	0.38	ng/ul	-0.01
14) Fluoranthene-d10	19.07	212	6164	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.45	128	4312	0.358	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	2952	0.367	ng/ul	99
7) Acenaphthylene	14.00	152	3854	0.359	ng/ul#	83
8) Acenaphthene	14.34	153	3230	0.368	ng/ul	96
9) Fluorene	15.34	166	3491	0.358	ng/ul	98
11) Pentachlorophenol	16.71	266	395	0.418	ng/ul	87
12) Phenanthrene	17.08	178	5420	0.363	ng/ul	99
13) Anthracene	17.17	178	5090	0.400	ng/ul	98
15) Fluoranthene	19.10	202	7055	0.353	ng/ul	98
17) Pyrene	19.46	202	7437	0.367	ng/ul	99
18) Benzo(a)anthracene	21.21	228	6866	0.389	ng/ul	98
19) Chrysene	21.27	228	7698	0.339	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	7015	0.352	ng/ul	97
22) Benzo(k)fluoranthene	22.82	252	7553	0.335	ng/ul	98
23) Benzo(a)pyrene	23.35	252	7223	0.357	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.65	276	8832	0.365	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.66	278	7066	0.361	ng/ul	97
26) Benzo(g,h,i)perylene	26.33	276	7527	0.346	ng/ul	97

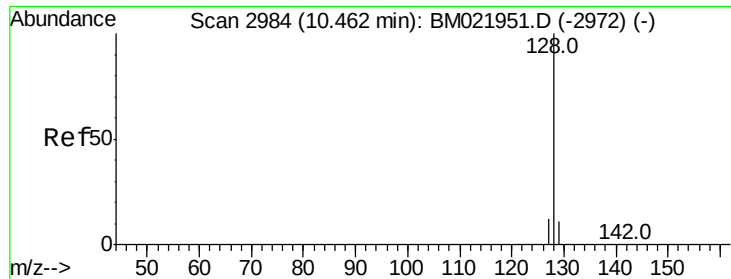
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.358 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

Instrument :

BNA_M

ClientSampleId :

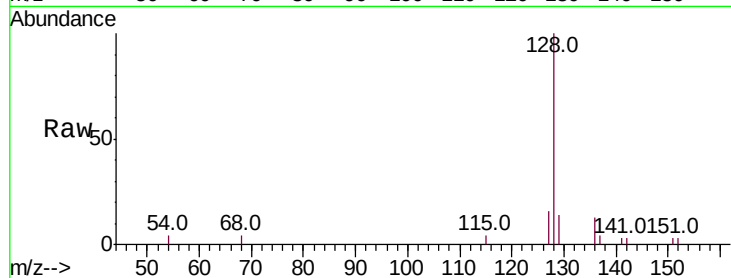
Tot Ion:128 Resp: 4312

Ion Ratio Lower Upper

128 100

129 14.0 12.3 18.5

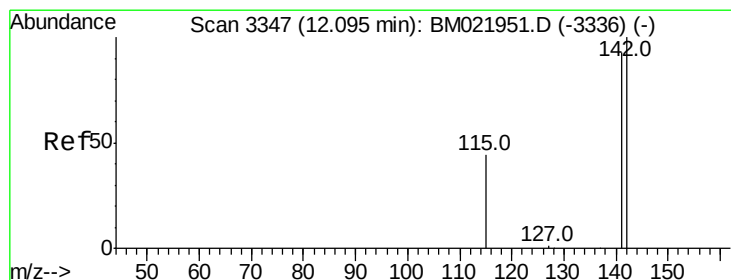
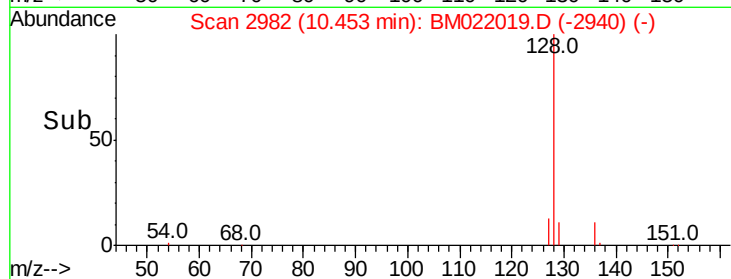
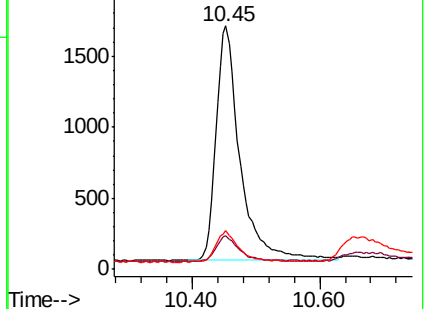
127 15.9 13.0 19.6



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: 0.367 ng/ul

RT: 12.09 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BM022019.D

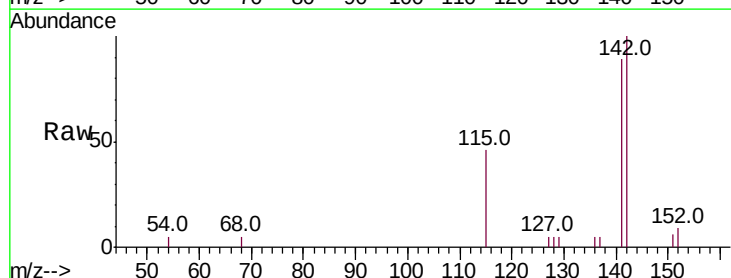
Acq: 11 Aug 2019 05:58

Tgt Ion:142 Resp: 2952

Ion Ratio Lower Upper

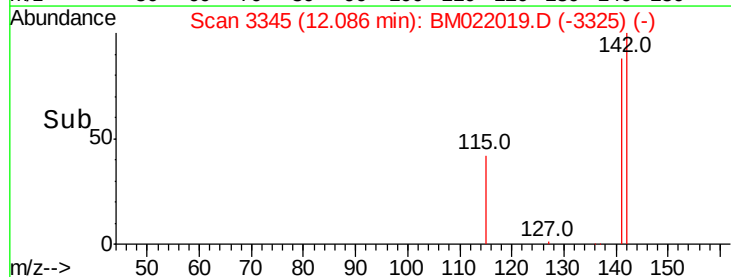
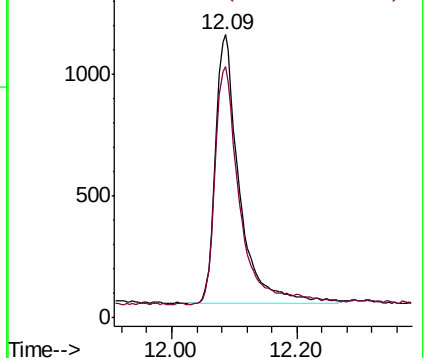
142 100

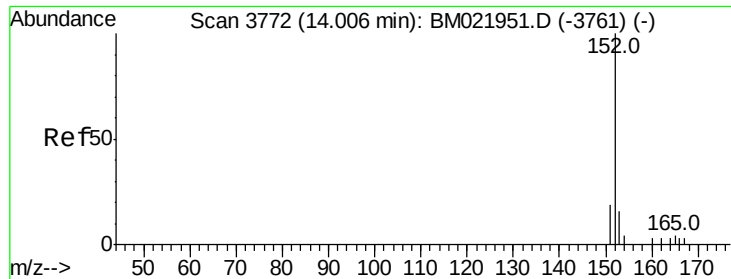
141 92.4 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.359 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

Instrument :

BNA_M

ClientSampleId :

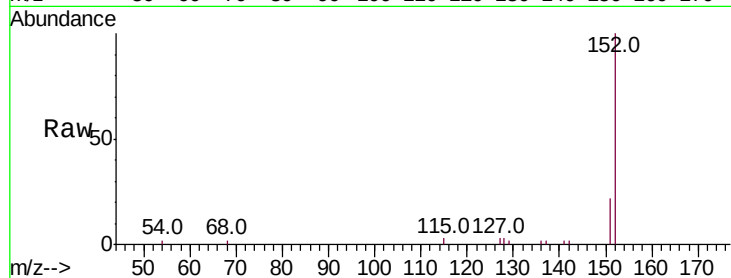
Tot Ion:152 Resp: 3854

Ion Ratio Lower Upper

152 100

151 21.9 18.3 27.5

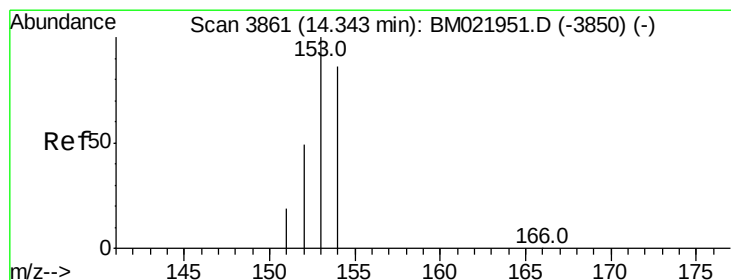
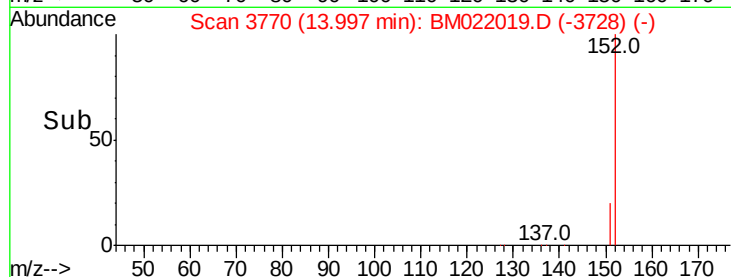
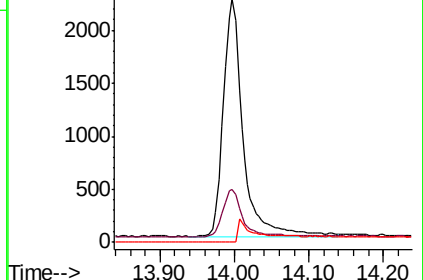
153 0.0 12.8 19.2#



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: 0.368 ng/ul

RT: 14.34 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

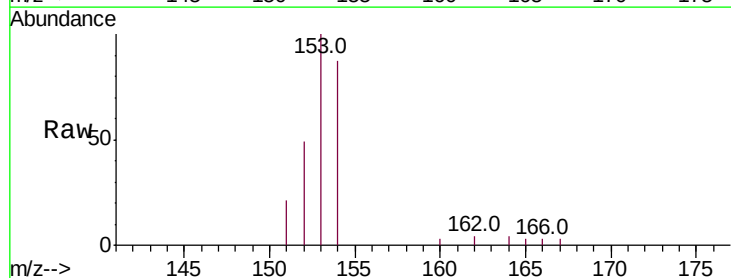
Tgt Ion:153 Resp: 3230

Ion Ratio Lower Upper

153 100

152 49.1 41.3 61.9

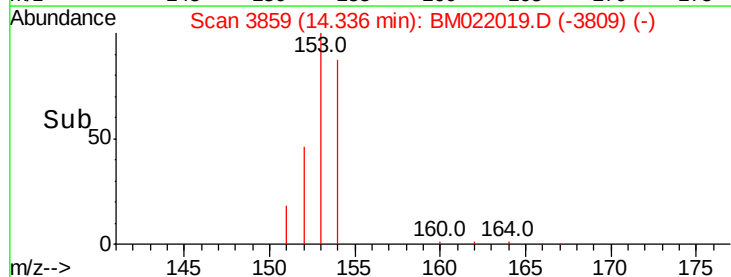
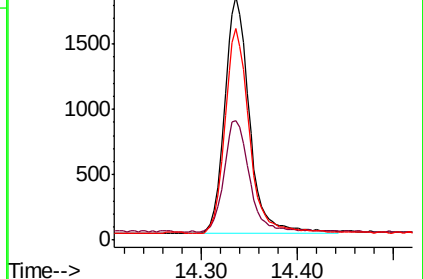
154 86.7 72.3 108.5

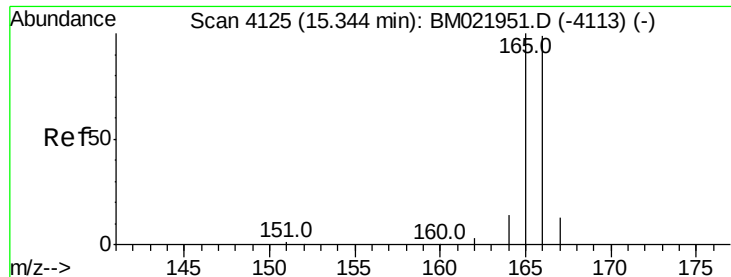


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.358 ng/ul

RT: 15.34 min Scan# 4123

Delta R.T. -0.01 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

Instrument :

BNA_M

ClientSampleId :

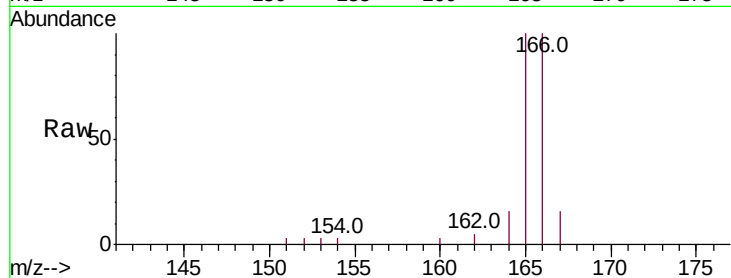
Tot Ion:166 Resp: 3491

Ion Ratio Lower Upper

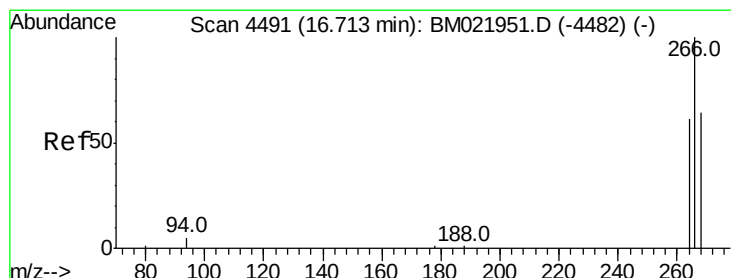
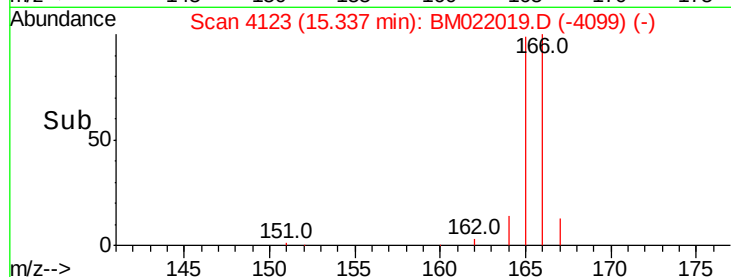
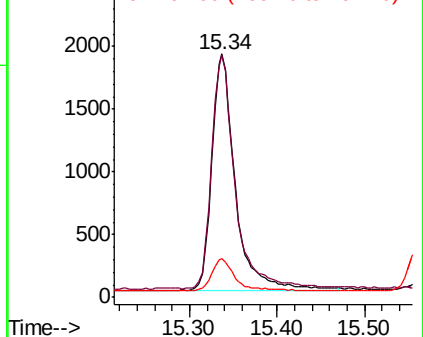
166 100

165 99.8 81.4 122.0

167 15.7 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: 0.418 ng/ul

RT: 16.71 min Scan# 4489

Delta R.T. -0.01 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

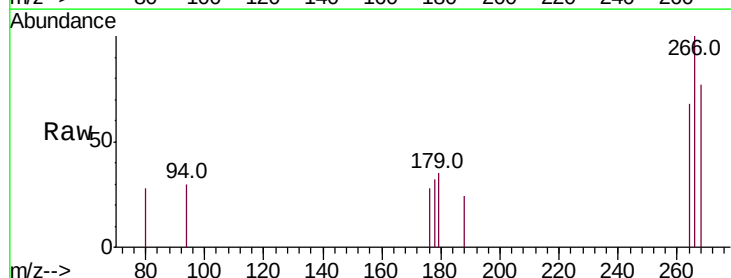
Tgt Ion:266 Resp: 395

Ion Ratio Lower Upper

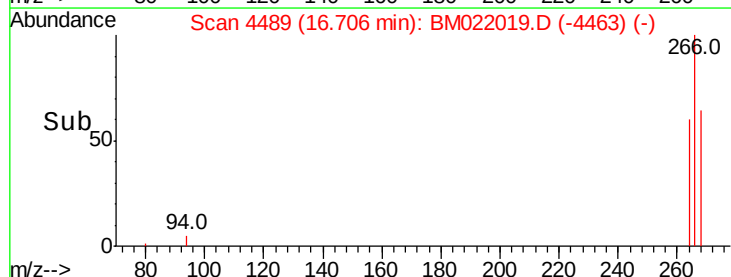
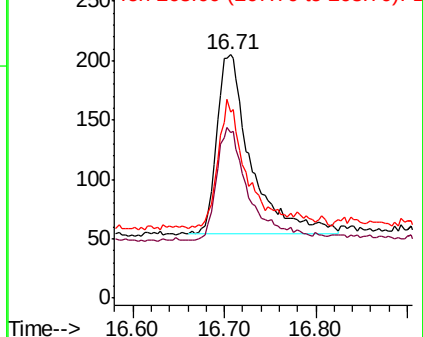
266 100

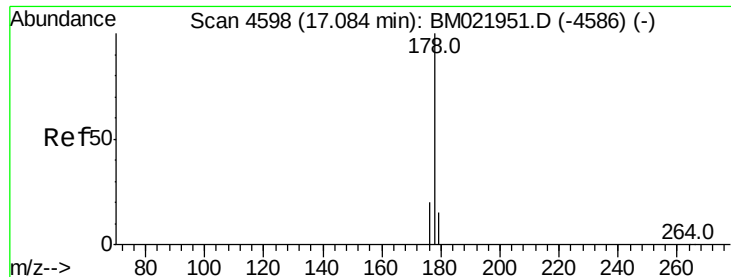
264 59.2 54.2 81.2

268 59.2 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: 0.363 ng/ul

RT: 17.08 min Scan# 4596

Delta R.T. -0.01 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

Instrument :

BNA_M

ClientSampleId :

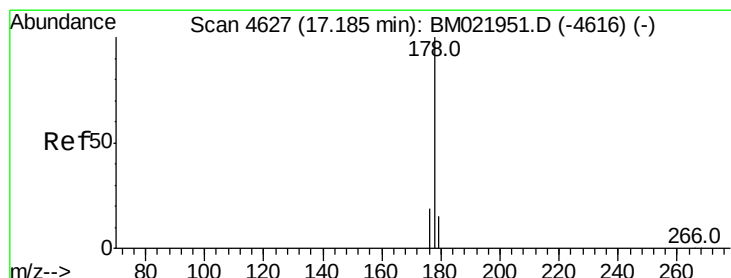
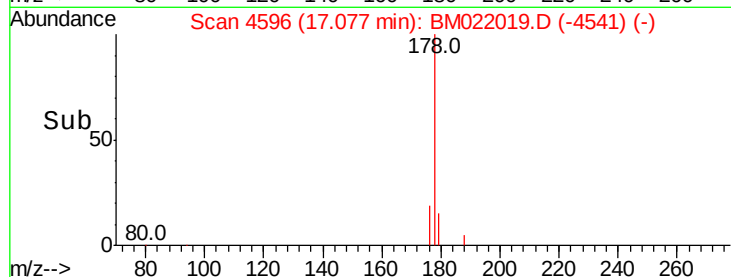
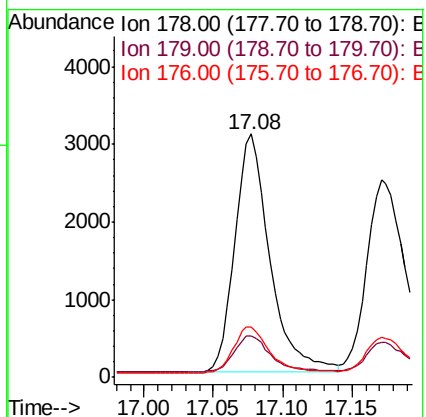
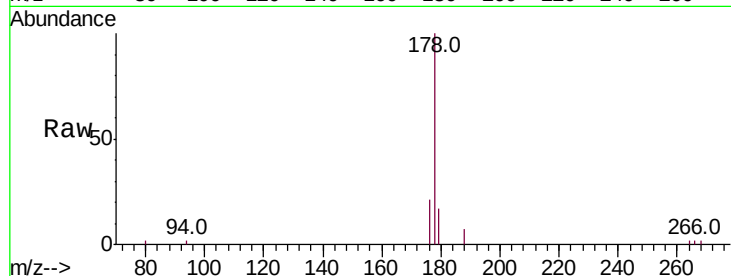
Tot Ion:178 Resp: 5420

Ion Ratio Lower Upper

178 100

179 16.8 14.2 21.2

176 20.8 16.8 25.2



#13

Anthracene

Concen: 0.400 ng/ul

RT: 17.17 min Scan# 4623

Delta R.T. -0.01 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

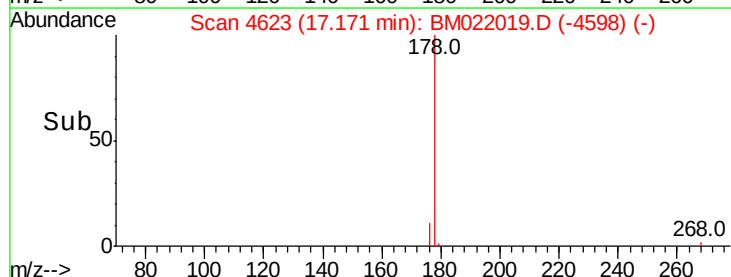
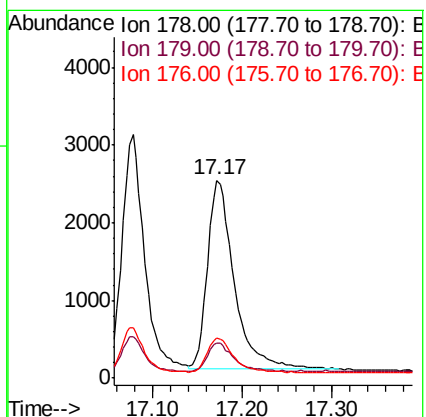
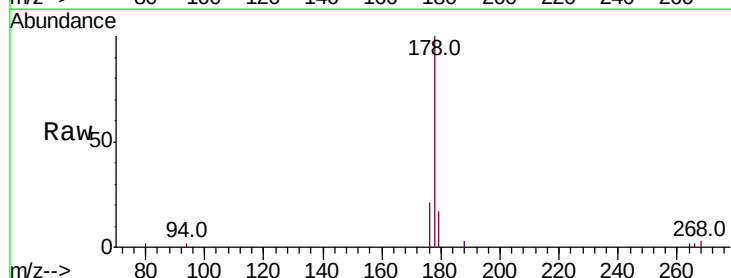
Tgt Ion:178 Resp: 5090

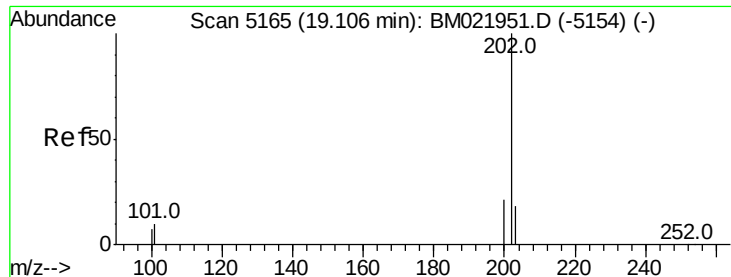
Ion Ratio Lower Upper

178 100

179 17.5 15.5 23.3

176 20.5 16.6 25.0

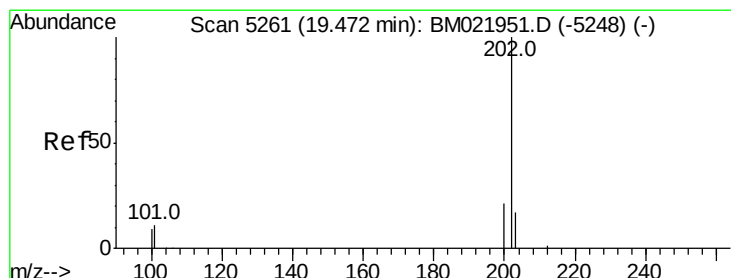
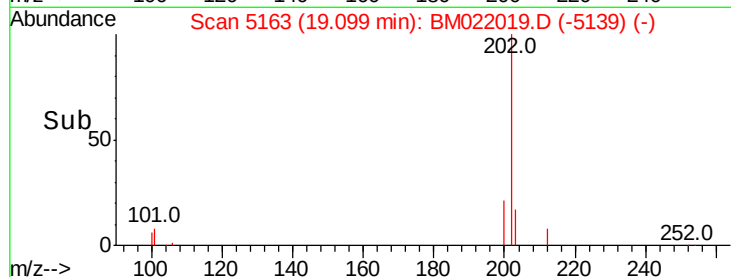
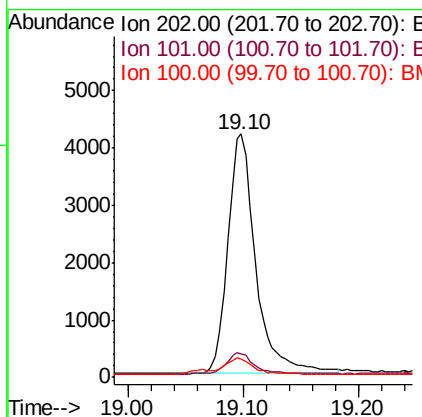
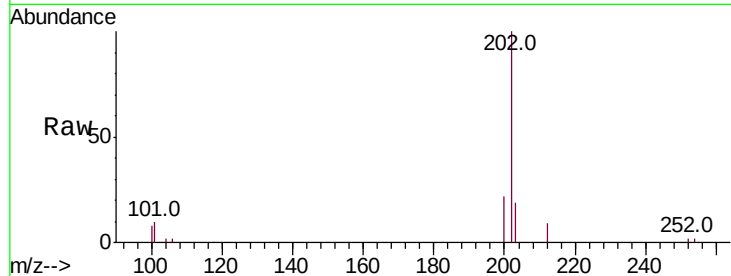




#15
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM022019.D
Acq: 11 Aug 2019 05:58

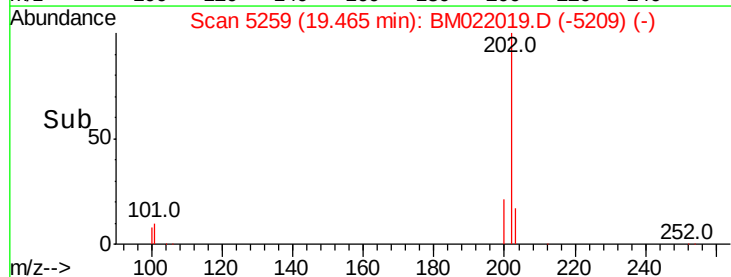
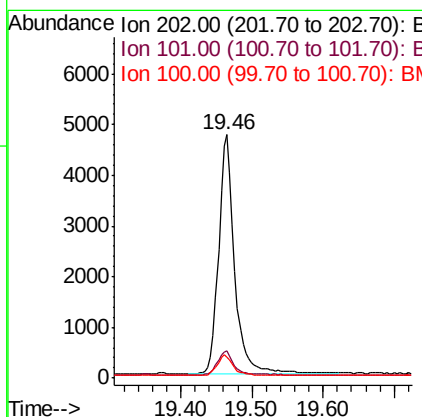
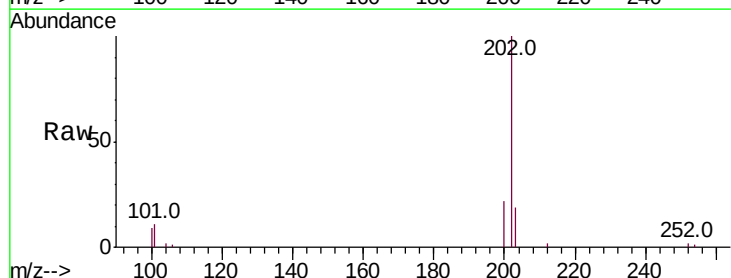
Instrument :
BNA_M
ClientSampleId :

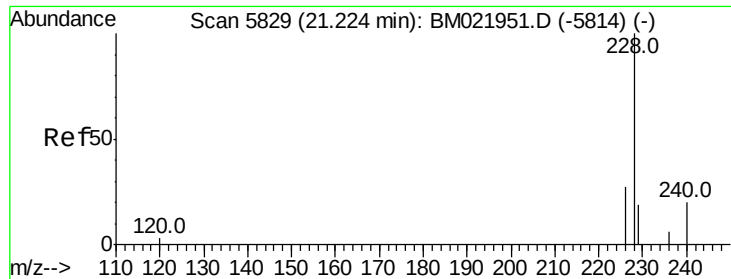
Tot Ion:202 Resp: 7055
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
100 7.6 0.0 28.1



#17
Pyrene
Concen: 0.367 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM022019.D
Acq: 11 Aug 2019 05:58

Tgt Ion:202 Resp: 7437
Ion Ratio Lower Upper
202 100
101 11.0 8.3 12.5
100 8.8 7.2 10.8

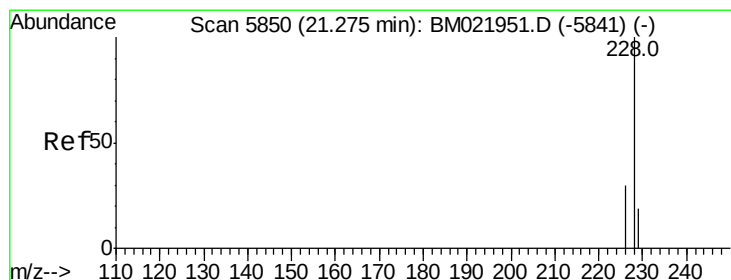
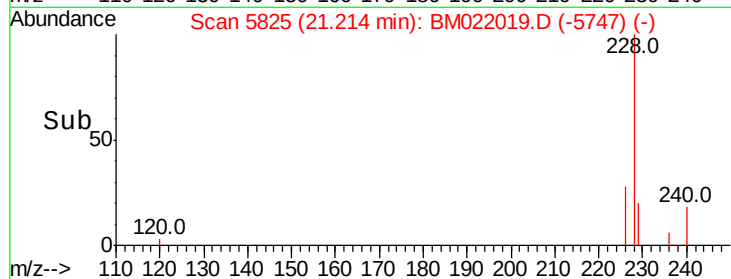
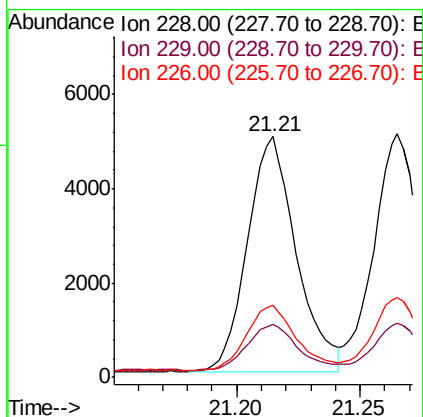
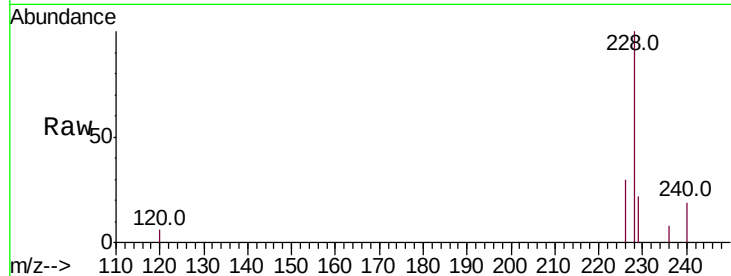




#18
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. -0.01 min
Lab File: BM022019.D
Acq: 11 Aug 2019 05:58

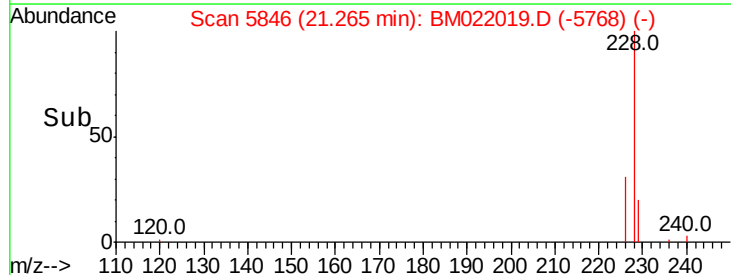
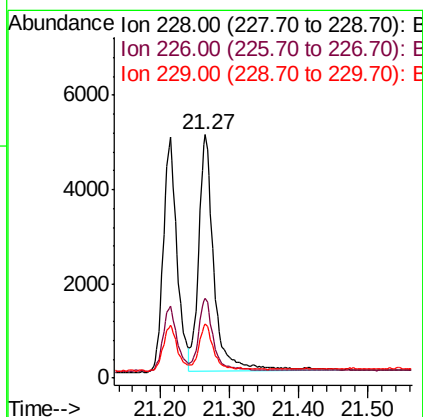
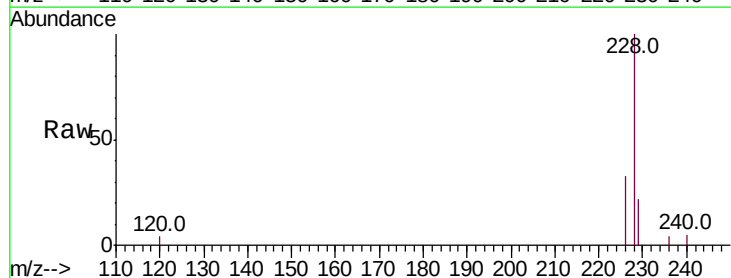
Instrument :
BNA_M
ClientSampleId :

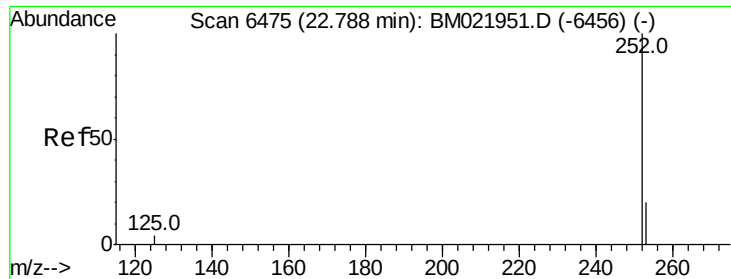
Tot Ion:228 Resp: 6866
Ion Ratio Lower Upper
228 100
229 22.1 17.2 25.8
226 30.0 22.6 34.0



#19
Chrysene
Concen: 0.339 ng/ul
RT: 21.27 min Scan# 5846
Delta R.T. -0.01 min
Lab File: BM022019.D
Acq: 11 Aug 2019 05:58

Tgt Ion:228 Resp: 7698
Ion Ratio Lower Upper
228 100
226 32.8 24.9 37.3
229 22.2 16.6 25.0





#21

Benzo(b)fluoranthene

Concen: 0.352 ng/ul

RT: 22.77 min Scan# 6469

Delta R.T. -0.02 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

Instrument :

BNA_M

ClientSampleId :

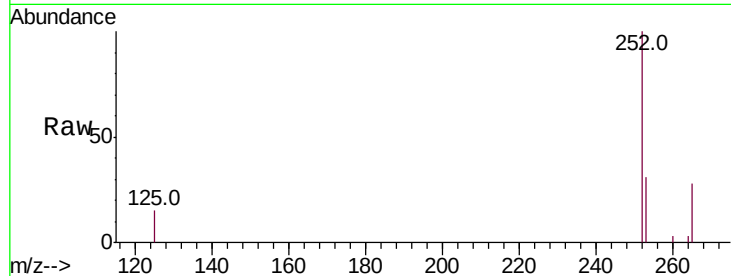
Tot Ion:252 Resp: 7015

Ion Ratio Lower Upper

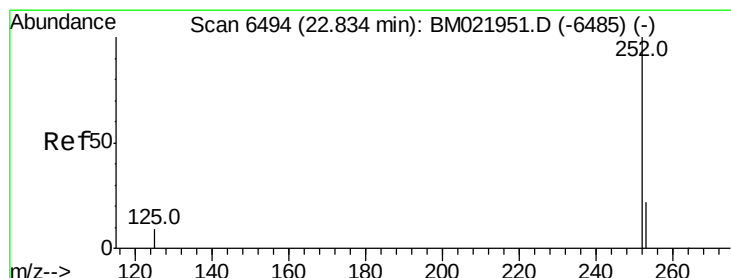
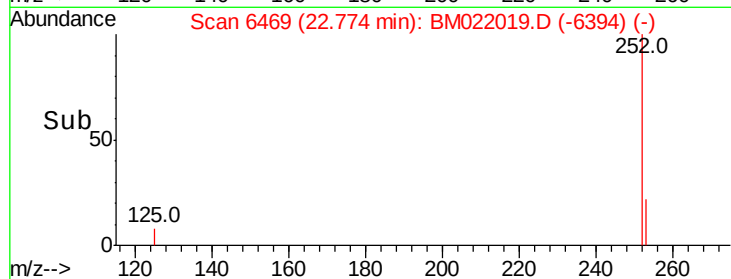
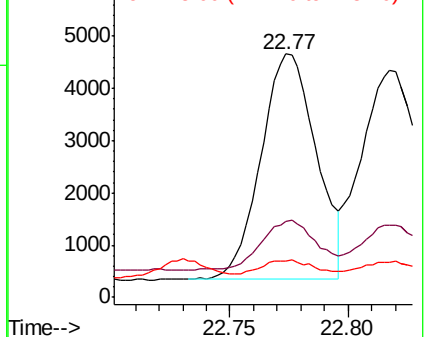
252 100

253 31.4 0.0 67.4

125 15.1 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: 0.335 ng/ul

RT: 22.82 min Scan# 6487

Delta R.T. -0.02 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

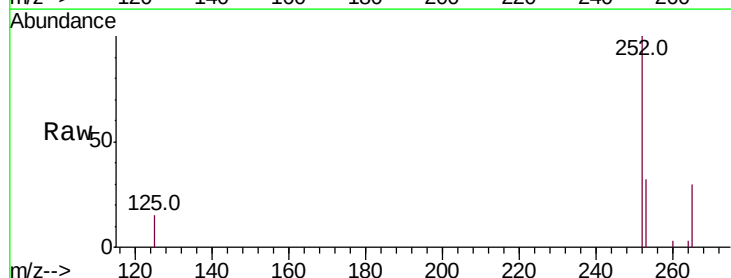
Tgt Ion:252 Resp: 7553

Ion Ratio Lower Upper

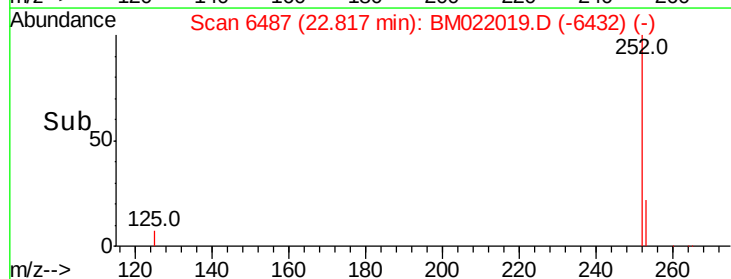
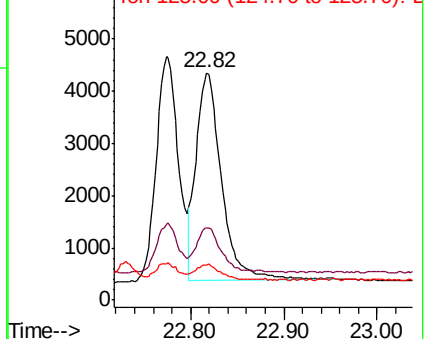
252 100

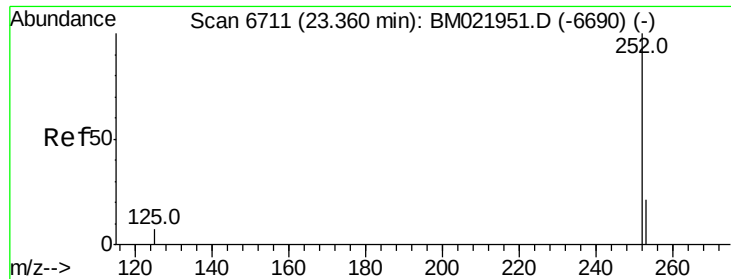
253 31.8 27.0 40.4

125 15.4 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: 0.357 ng/ul

RT: 23.35 min Scan# 6705

Delta R.T. -0.01 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

Instrument :

BNA_M

ClientSampleId :

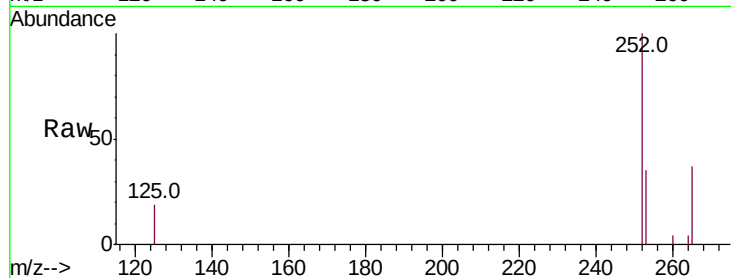
Tot Ion:252 Resp: 7223

Ion Ratio Lower Upper

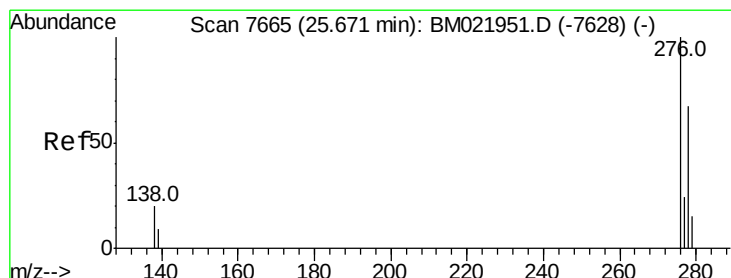
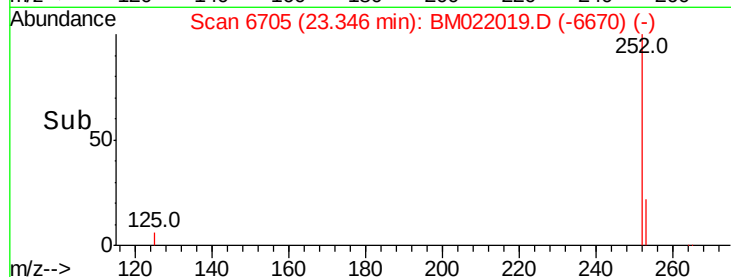
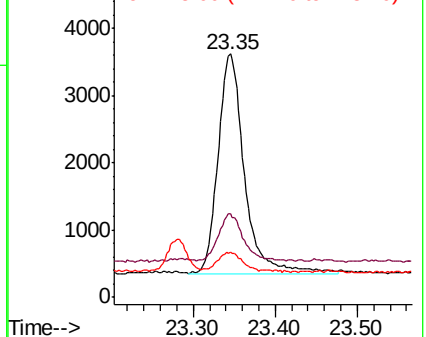
252 100

253 34.6 31.7 47.5

125 18.6 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: 0.365 ng/ul

RT: 25.65 min Scan# 7658

Delta R.T. -0.02 min

Lab File: BM022019.D

Acq: 11 Aug 2019 05:58

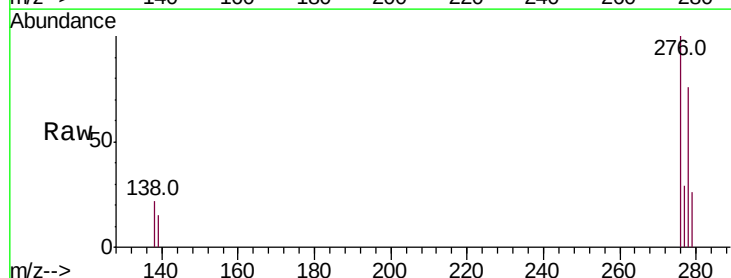
Tgt Ion:276 Resp: 8832

Ion Ratio Lower Upper

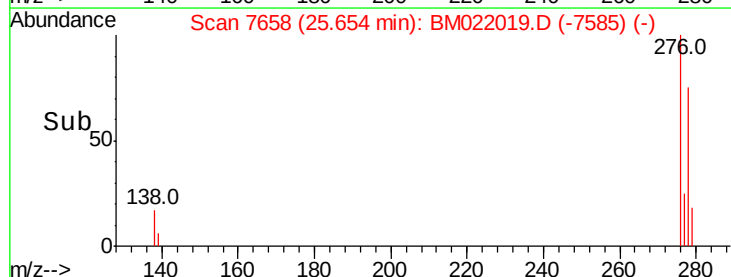
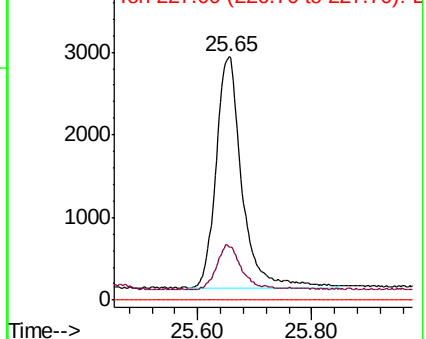
276 100

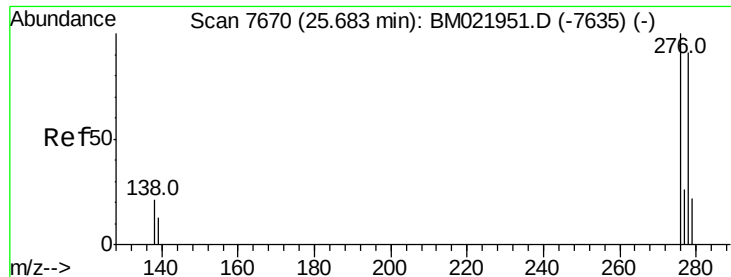
138 18.8 15.1 22.7

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



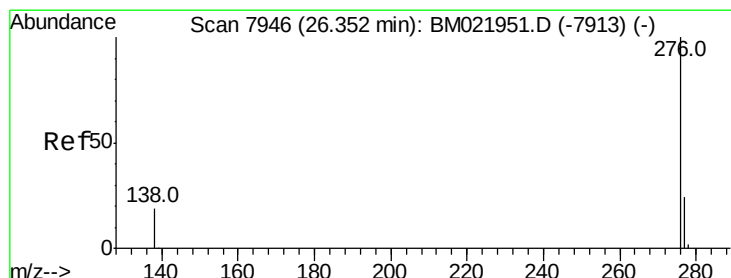
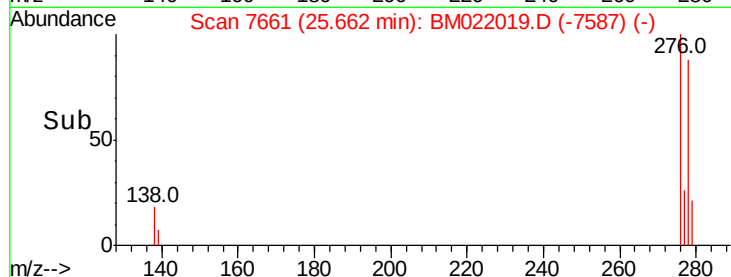
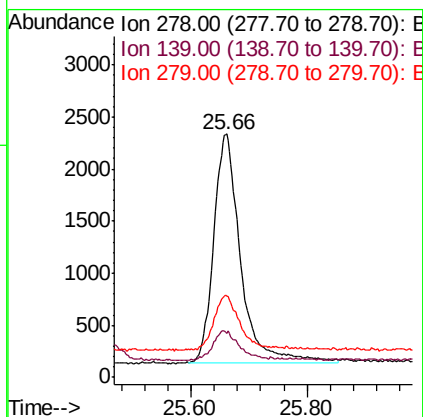
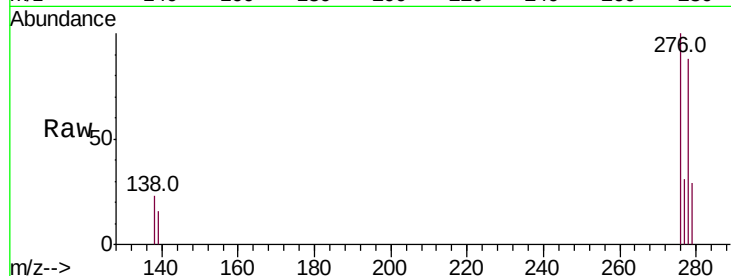


#25
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 25.66 min Scan# 7661
Delta R.T. -0.02 min
Lab File: BM022019.D
Acq: 11 Aug 2019 05:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 7066

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.2	21.2
279	33.2	28.3	42.5



#26
Benzo(g,h,i)perylene
Concen: 0.346 ng/ul
RT: 26.33 min Scan# 7936
Delta R.T. -0.03 min
Lab File: BM022019.D
Acq: 11 Aug 2019 05:58

Tgt Ion:276 Resp: 7527

Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.5	23.3
277	28.8	21.4	32.2

