

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096852.D
 Acq On : 6 Jul 2018 13:36
 Operator : SJ/JU
 Sample : SST00.446
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 06 14:58:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 06 14:58:27 2018
 Response via : Initial Calibration

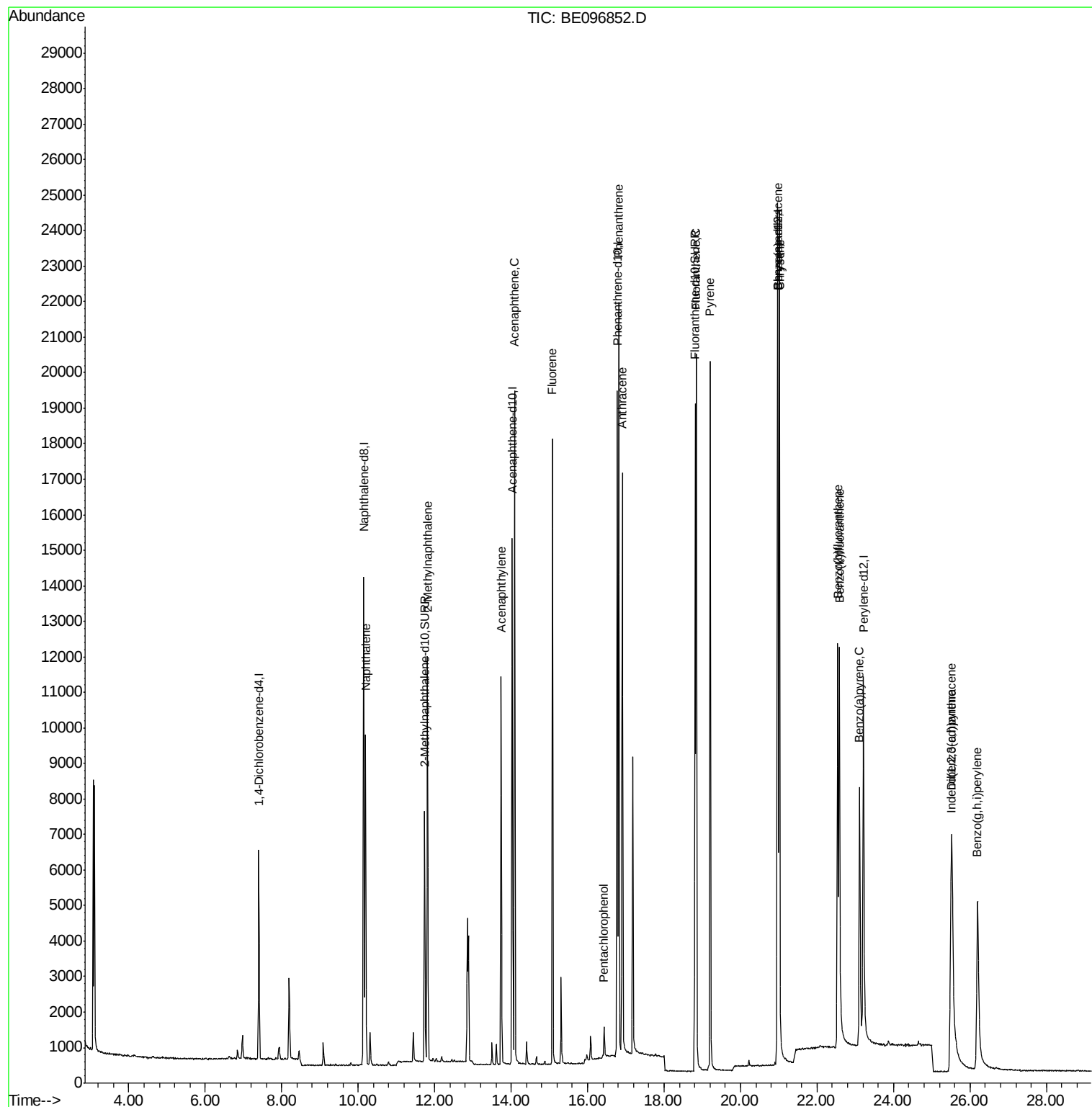
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2731	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	14078	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	7874	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	21214	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	17094	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	14929	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	9361	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	20458	0.33	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	13591	0.379	ng/ul#	92
5) 2-Methylnaphthalene	11.81	142	9445	0.405	ng/ul	98
7) Acenaphthylene	13.74	152	12811	0.375	ng/ul	96
8) Acenaphthene	14.09	153	10552	0.373	ng/ul#	94
9) Fluorene	15.08	166	10802	0.357	ng/ul#	92
11) Pentachlorophenol	16.43	266	464	0.563	ng/ul	99
12) Phenanthrene	16.82	178	21691	0.364	ng/ul#	89
13) Anthracene	16.91	178	18259	0.369	ng/ul#	92
15) Fluoranthene	18.84	202	22701	0.345	ng/ul	84
17) Pyrene	19.21	202	22250	0.372	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	15771	0.385	ng/ul#	86
19) Chrysene	21.02	228	20595	0.359	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	15804	0.358	ng/ul	84
22) Benzo(k)fluoranthene	22.58	252	16633	0.363	ng/ul#	85
23) Benzo(a)pyrene	23.11	252	13063	0.330	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	13704	0.345	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.53	278	11046	0.359	ng/ul#	88
26) Benzo(g,h,i)perylene	26.20	276	13272	0.337	ng/ul	94

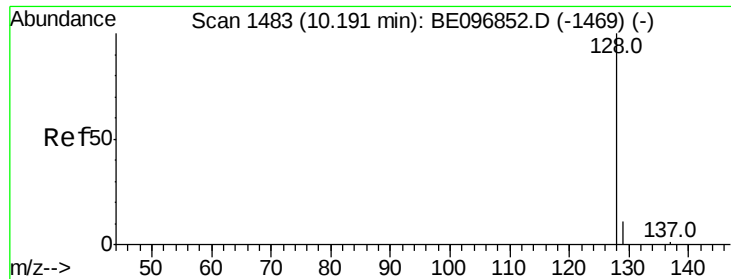
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.379 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

Instrument :

BNA_E

ClientSampleId :

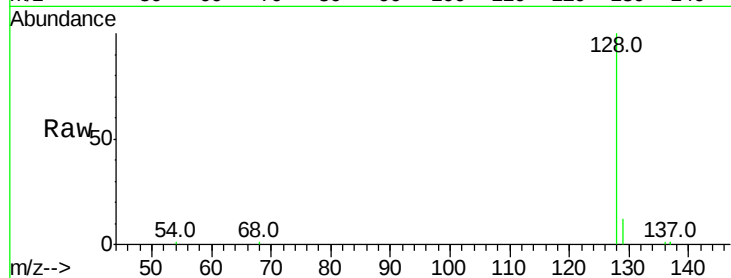
Tot Ion:128 Resp: 13591

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

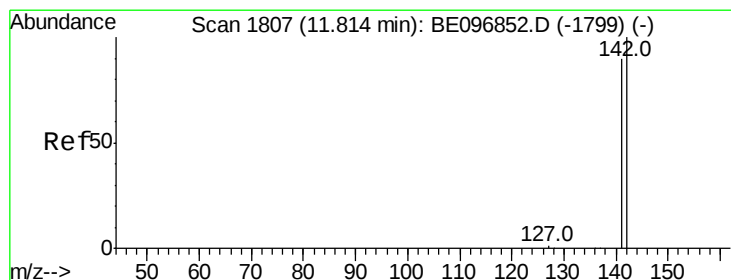
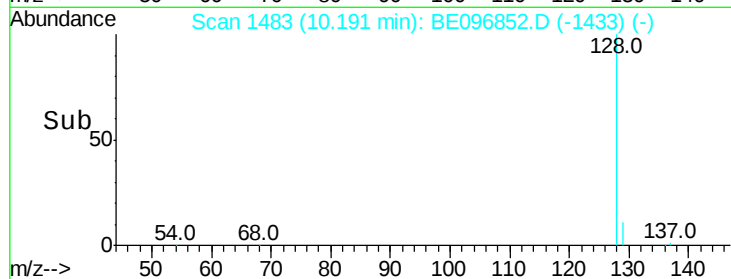
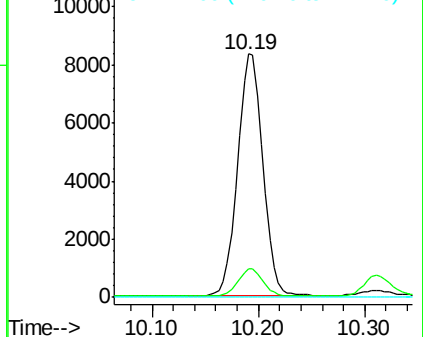
127 0.0 4.0 6.0#



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: 0.405 ng/ul

RT: 11.81 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE096852.D

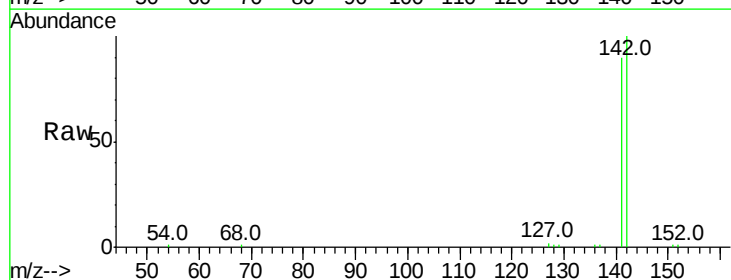
Acq: 6 Jul 2018 13:36

Tgt Ion:142 Resp: 9445

Ion Ratio Lower Upper

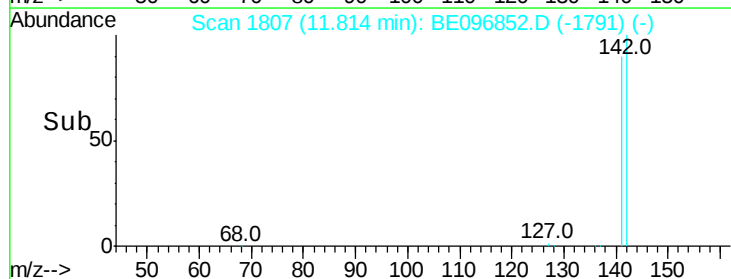
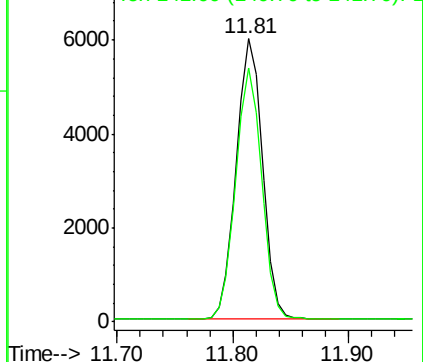
142 100

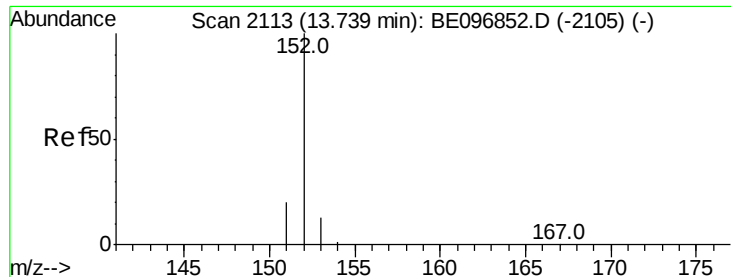
141 88.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.375 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

Instrument :

BNA_E

ClientSampleId :

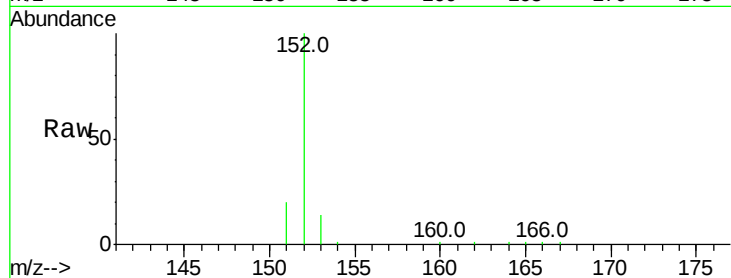
Tot Ion:152 Resp: 12811

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

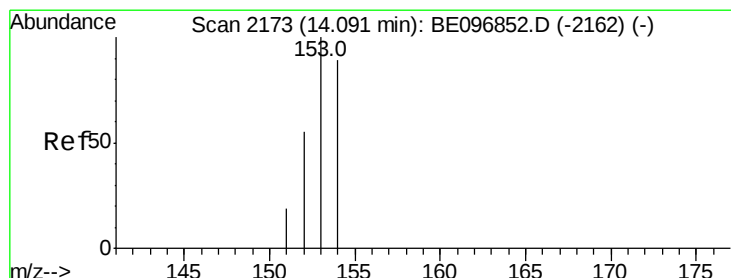
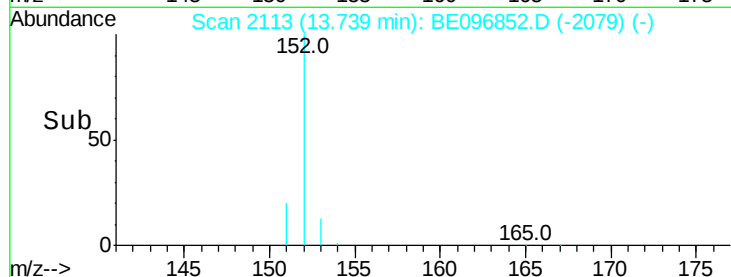
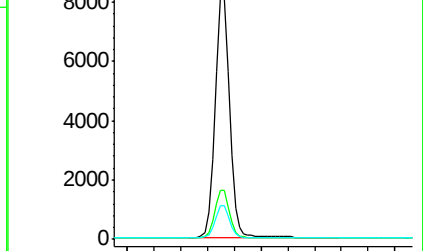
153 14.0 12.8 19.2



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: 0.373 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

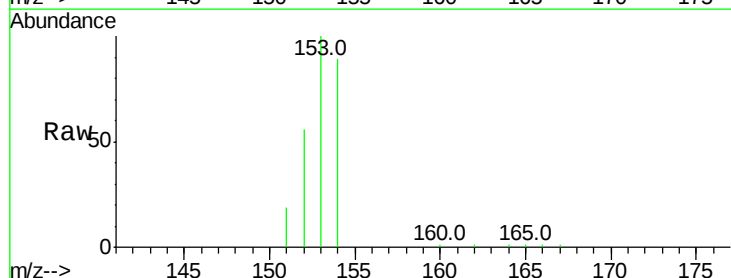
Tgt Ion:153 Resp: 10552

Ion Ratio Lower Upper

153 100

152 55.7 36.0 54.0#

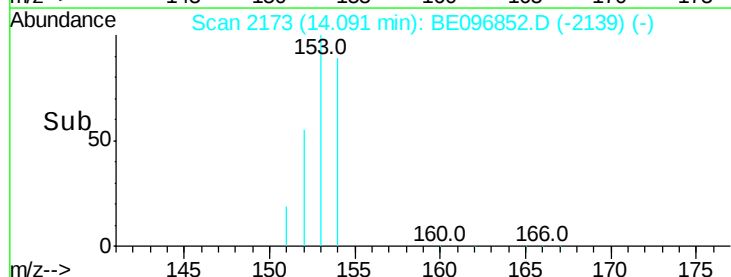
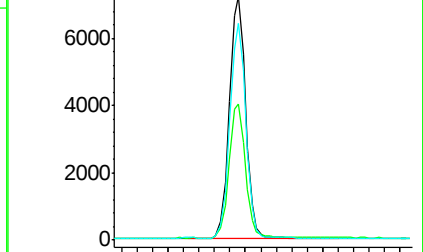
154 89.0 72.0 108.0

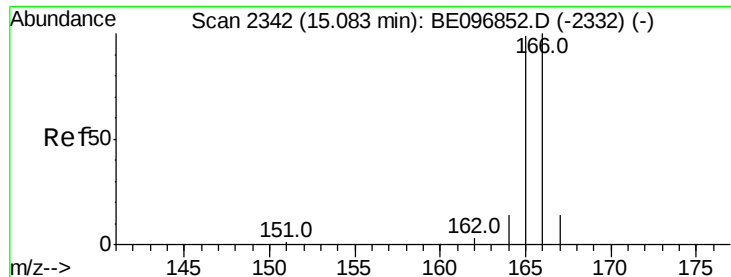


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.357 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

Instrument :

BNA_E

ClientSampleId :

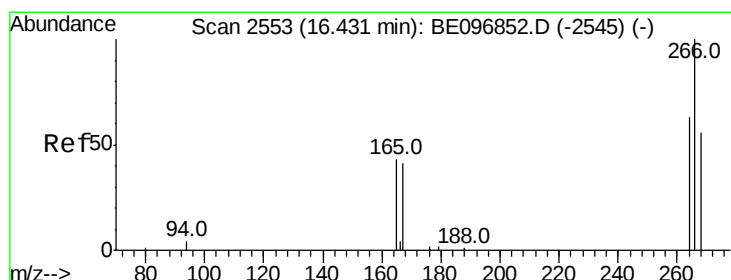
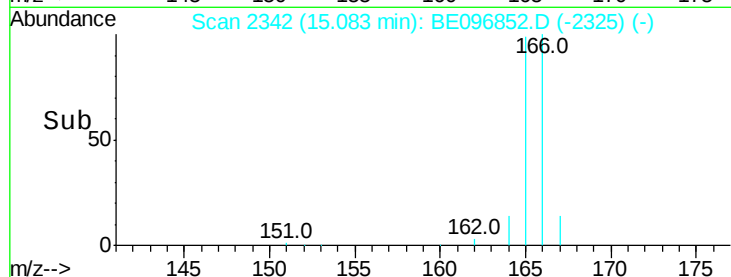
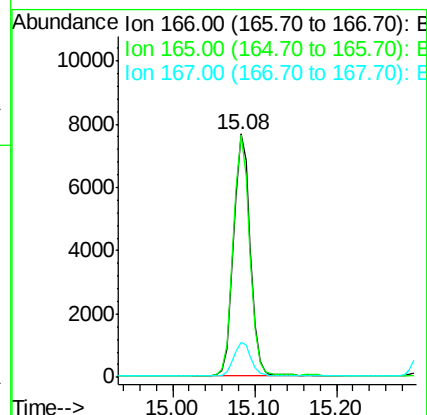
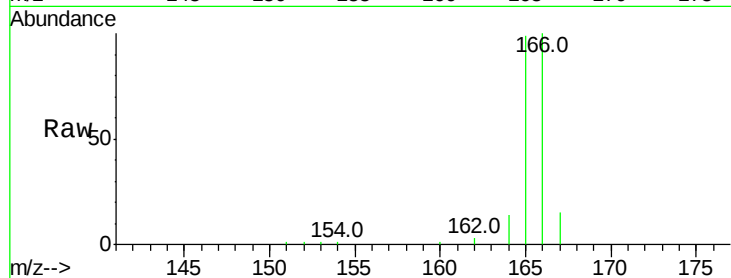
Tot Ion:166 Resp: 10802

Ion Ratio Lower Upper

166 100

165 99.4 73.4 110.2

167 14.5 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.563 ng/ul

RT: 16.43 min Scan# 2553

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

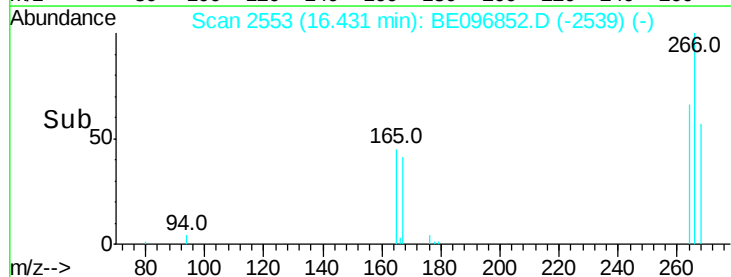
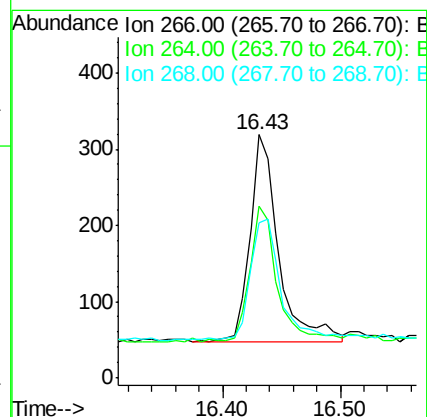
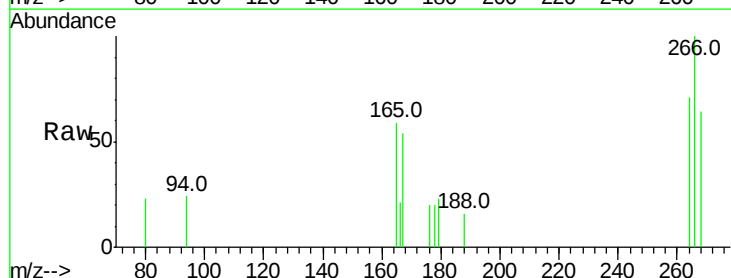
Tgt Ion:266 Resp: 464

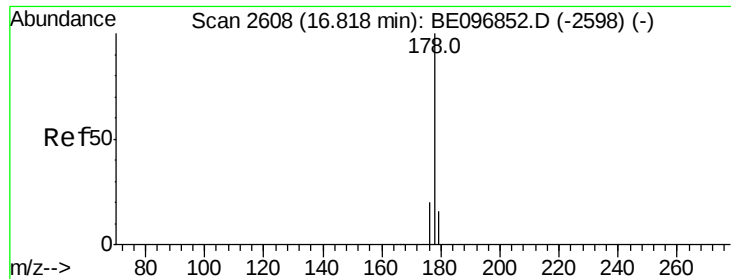
Ion Ratio Lower Upper

266 100

264 60.3 47.9 71.9

268 63.1 49.8 74.8

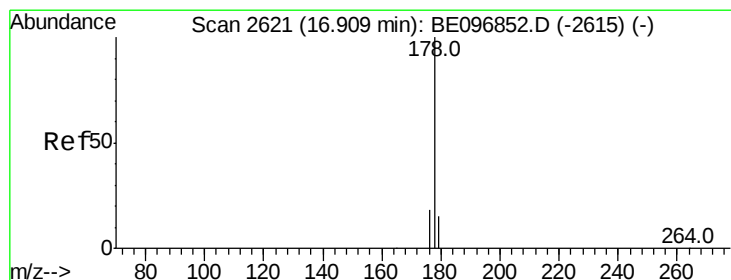
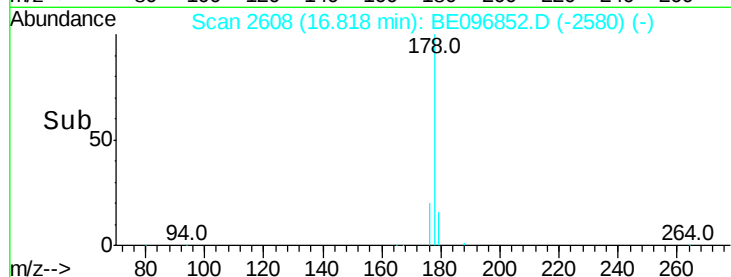
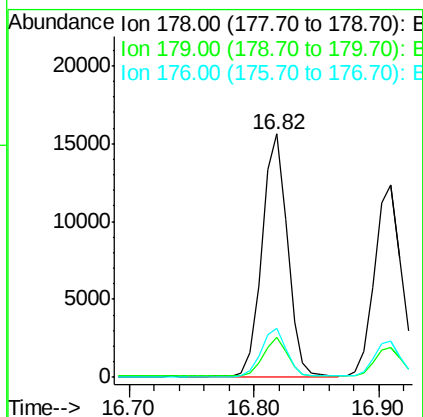
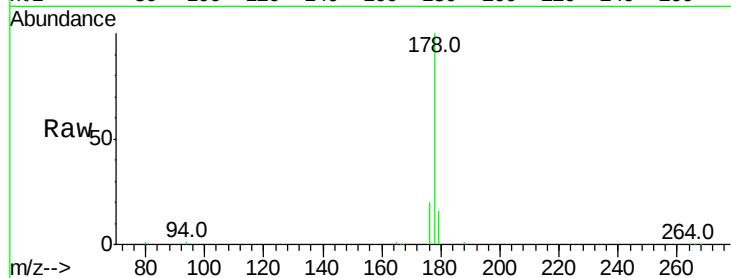




#12
Phenanthrene
Concen: 0.364 ng/ul
RT: 16.82 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE096852.D
Acq: 6 Jul 2018 13:36

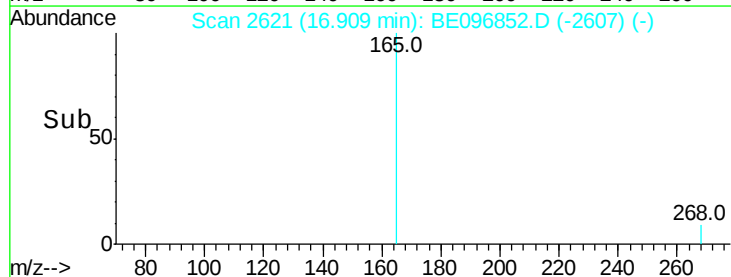
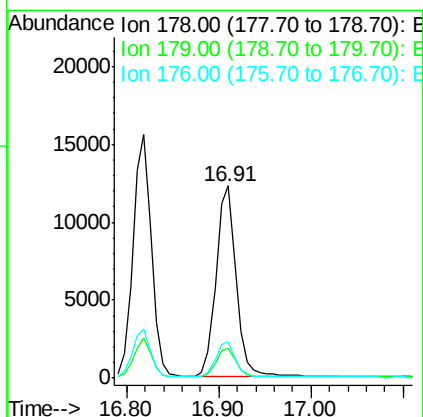
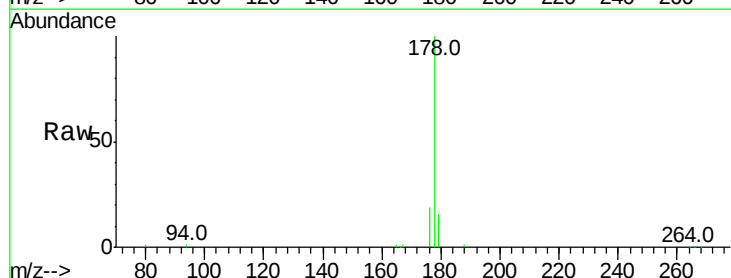
Instrument :
BNA_E
ClientSampleId :

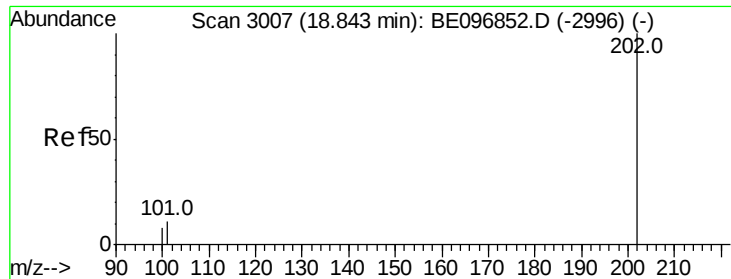
Tot Ion:178 Resp: 21691
Ion Ratio Lower Upper
178 100
179 16.2 18.4 27.6#
176 20.0 13.6 20.4



#13
Anthracene
Concen: 0.369 ng/ul
RT: 16.91 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE096852.D
Acq: 6 Jul 2018 13:36

Tgt Ion:178 Resp: 18259
Ion Ratio Lower Upper
178 100
179 15.7 18.1 27.1#
176 18.8 14.7 22.1





#15

Fluoranthene

Concen: 0.345 ng/ul

RT: 18.84 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

Instrument :

BNA_E

ClientSampleId :

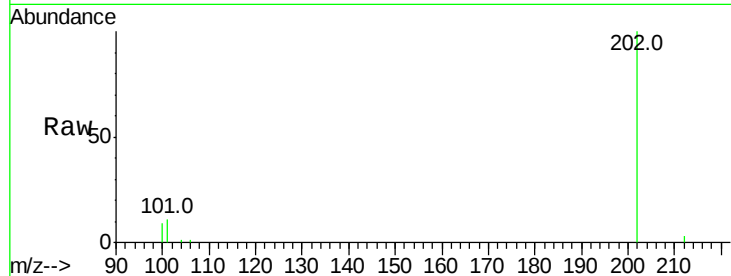
Tot Ion:202 Resp: 22701

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.3

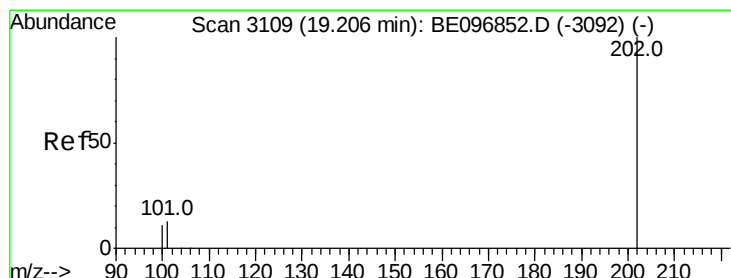
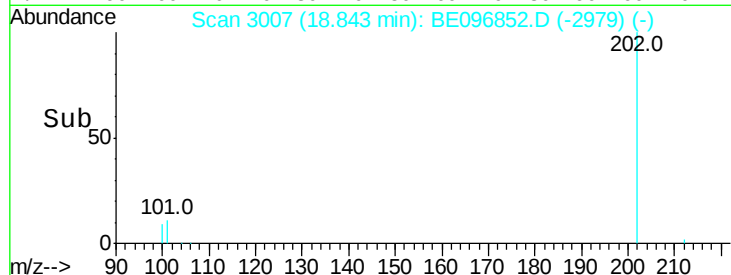
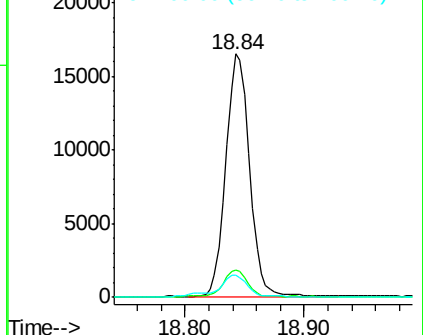
100 9.2 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.372 ng/ul

RT: 19.21 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

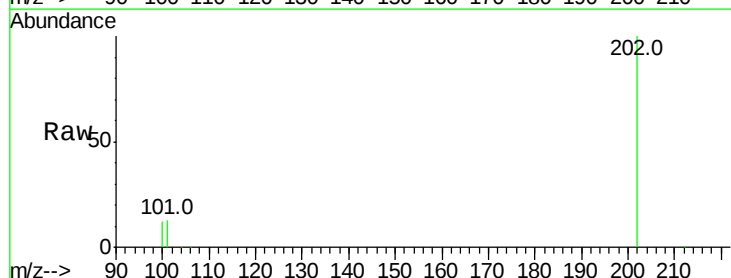
Tgt Ion:202 Resp: 22250

Ion Ratio Lower Upper

202 100

101 13.0 18.2 27.4#

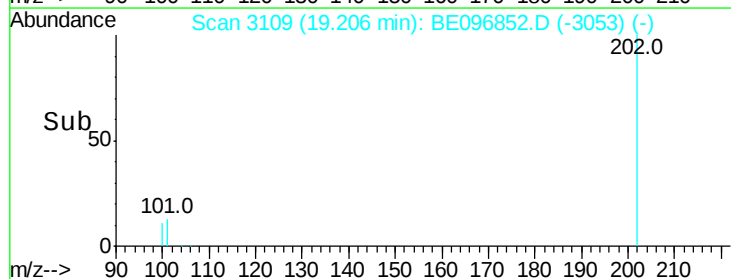
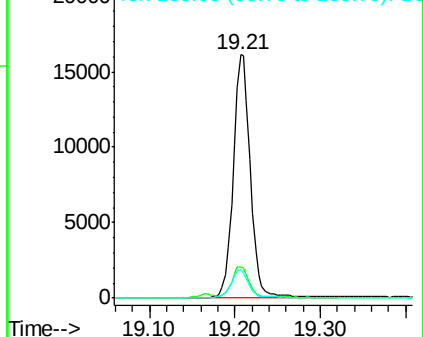
100 11.7 15.6 23.4#

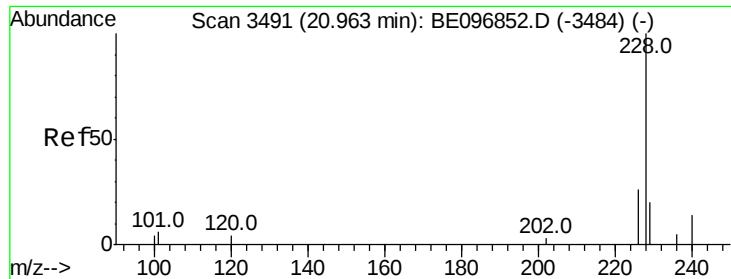


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

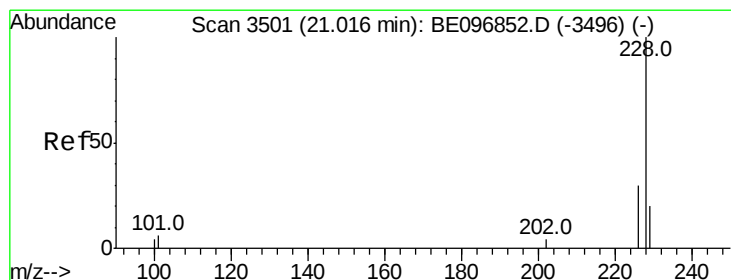
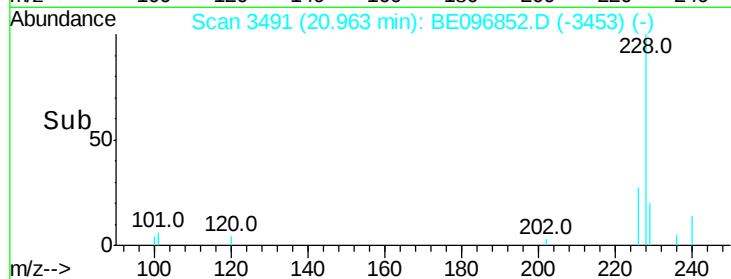
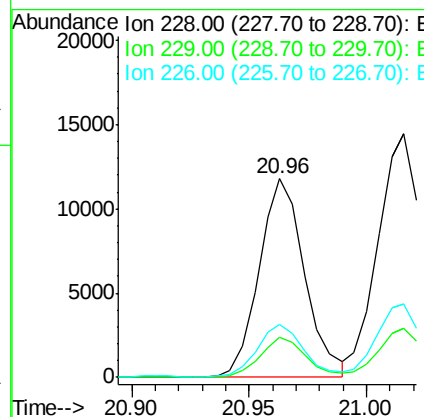
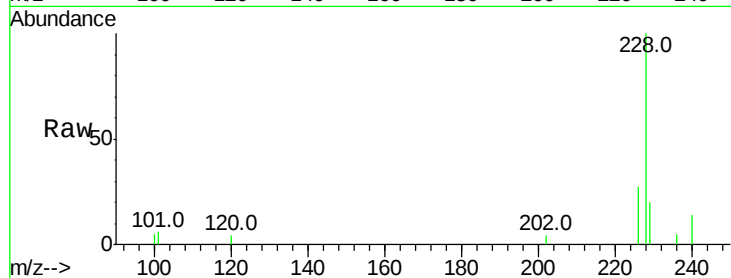




#18
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BE096852.D
Acq: 6 Jul 2018 13:36

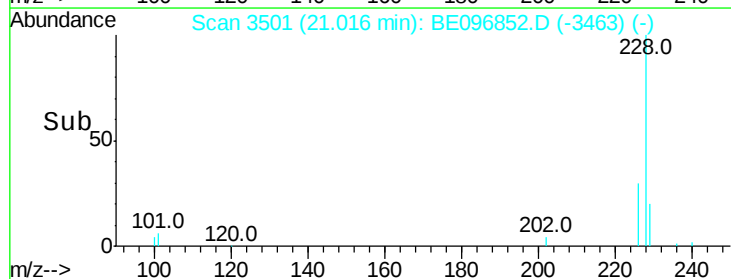
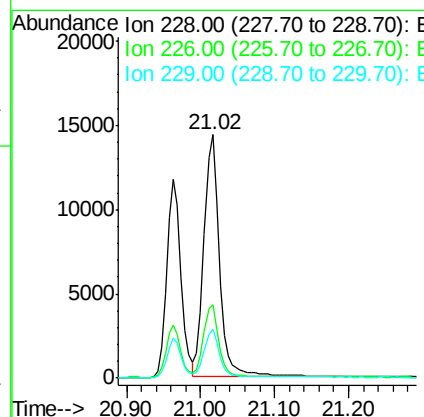
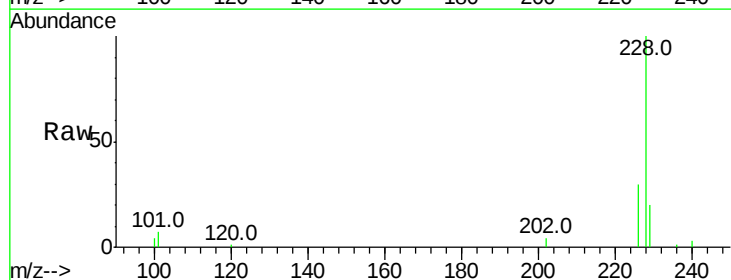
Instrument :
BNA_E
ClientSampleId :

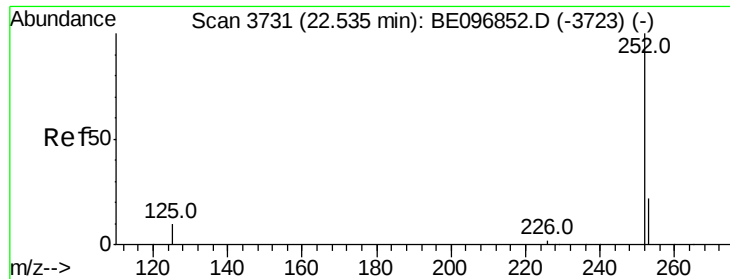
Tot Ion:228 Resp: 15771
Ion Ratio Lower Upper
228 100
229 19.9 22.8 34.2#
226 26.8 17.0 25.6#



#19
Chrysene
Concen: 0.359 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE096852.D
Acq: 6 Jul 2018 13:36

Tgt Ion:228 Resp: 20595
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 20.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.358 ng/ul

RT: 22.54 min Scan# 3731

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

Instrument :

BNA_E

ClientSampleId :

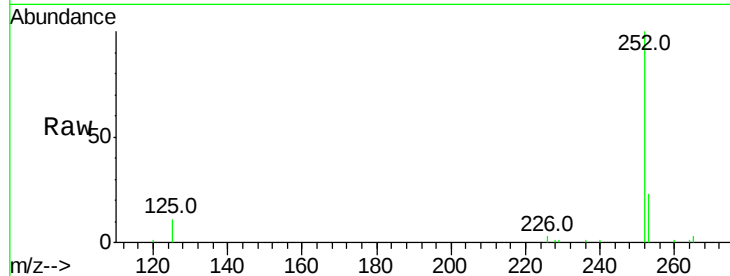
Tot Ion:252 Resp: 15804

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

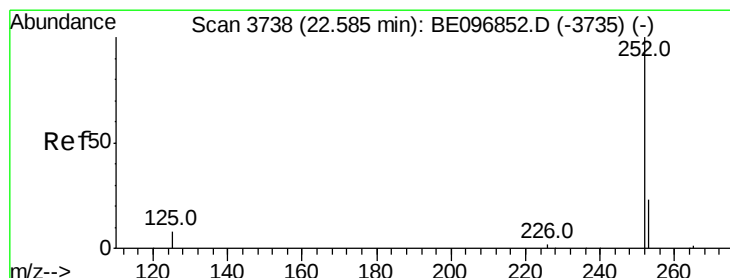
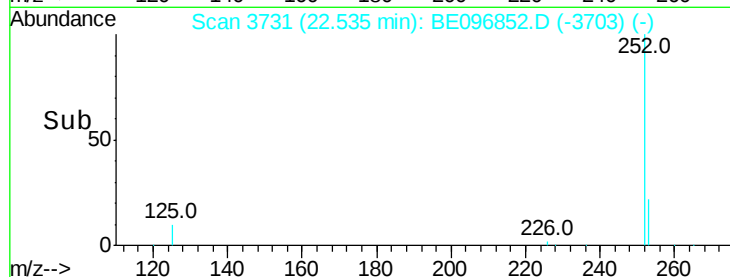
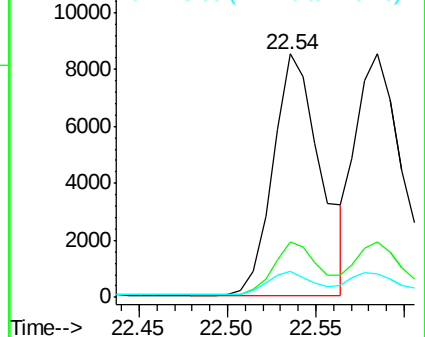
125 10.7 0.0 35.0



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: 0.363 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

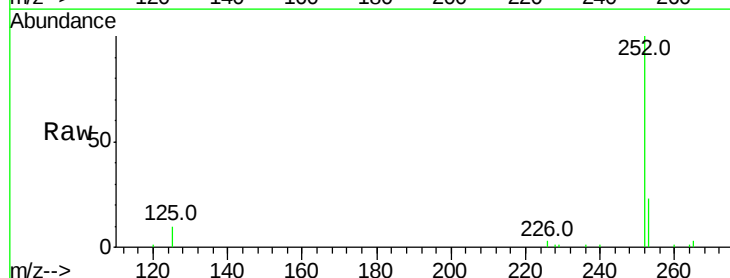
Tgt Ion:252 Resp: 16633

Ion Ratio Lower Upper

252 100

253 22.9 24.5 36.7#

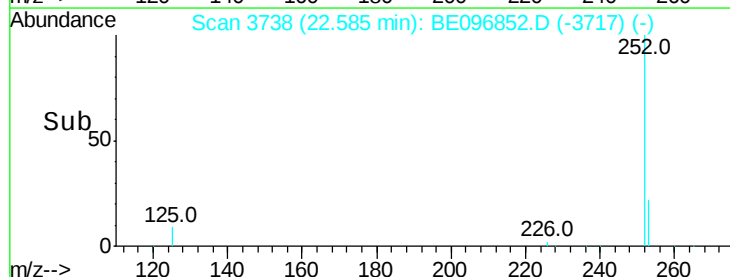
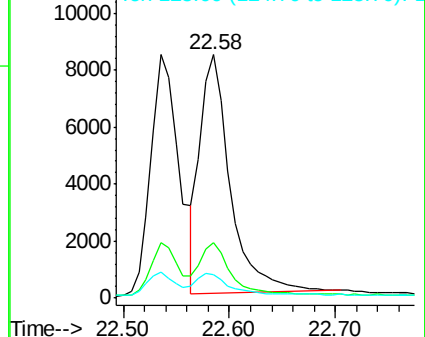
125 9.7 13.7 20.5#

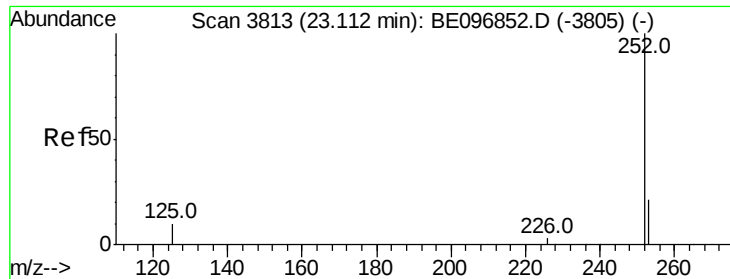


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.330 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

Instrument :

BNA_E

ClientSampleId :

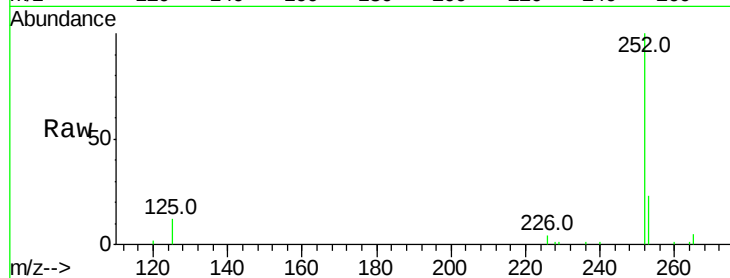
Tot Ion:252 Resp: 13063

Ion Ratio Lower Upper

252 100

253 22.8 28.5 42.7#

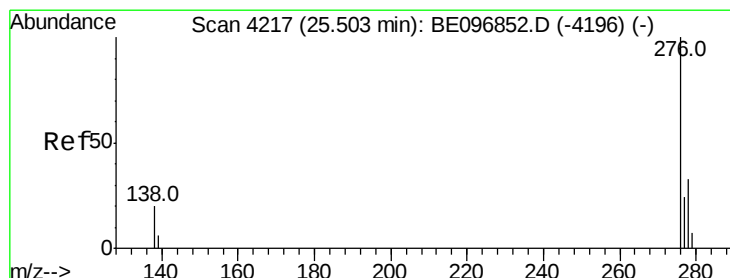
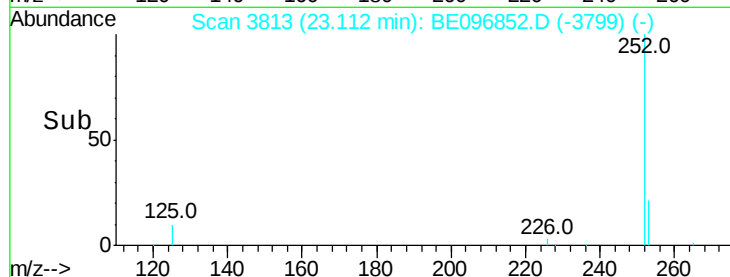
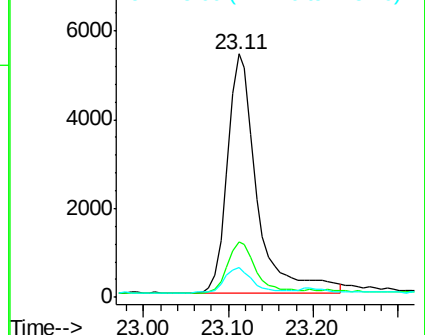
125 12.1 18.1 27.1#



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: 0.345 ng/ul

RT: 25.50 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BE096852.D

Acq: 6 Jul 2018 13:36

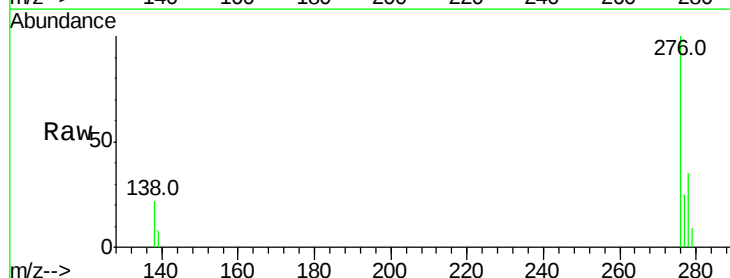
Tgt Ion:276 Resp: 13704

Ion Ratio Lower Upper

276 100

138 24.3 28.0 42.0#

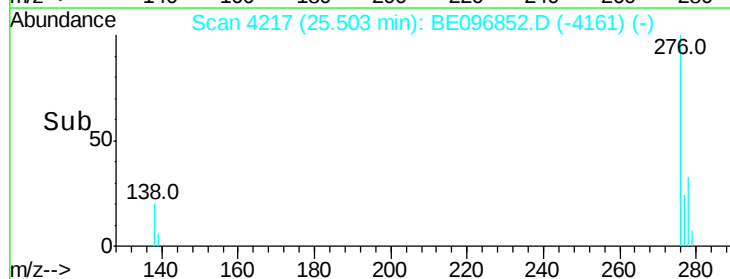
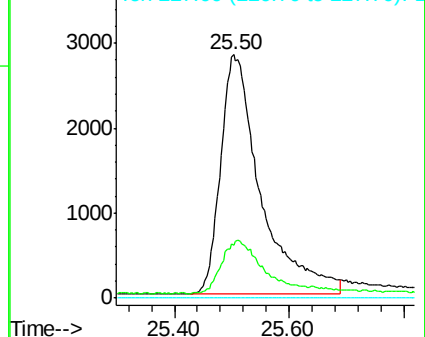
227 0.0 8.0 12.0#

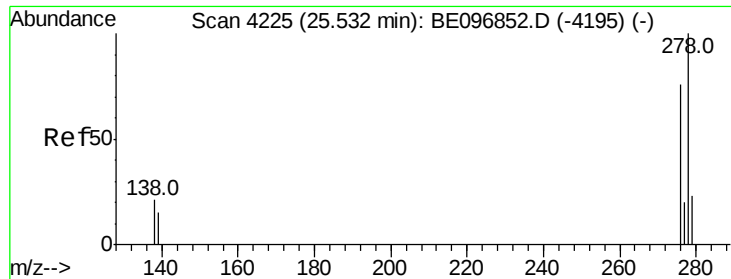


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

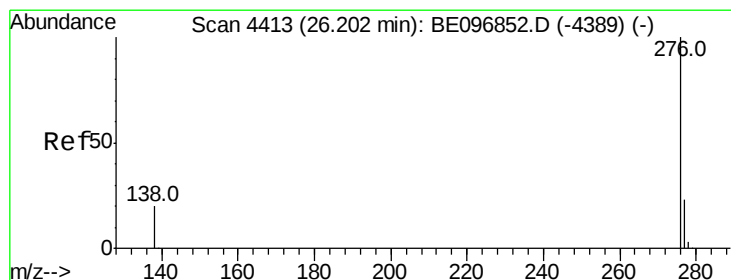
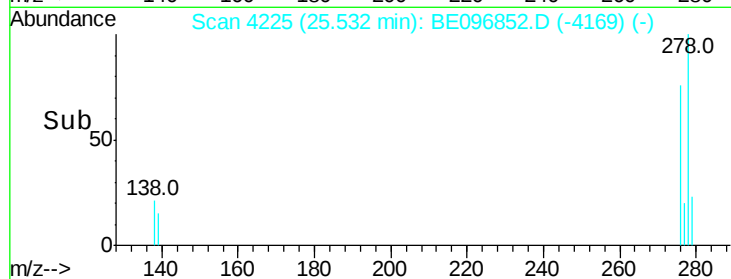
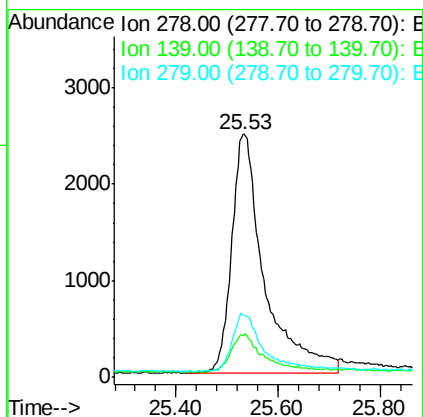
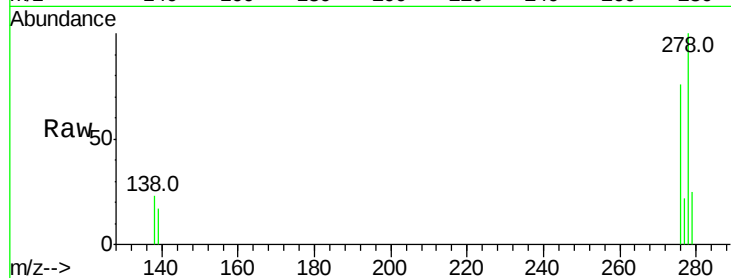




#25
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.53 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BE096852.D
Acq: 6 Jul 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 11046
Ion Ratio Lower Upper
278 100
139 17.1 17.4 26.0#
279 25.2 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. 0.00 min
Lab File: BE096852.D
Acq: 6 Jul 2018 13:36

Tgt Ion:276 Resp: 13272
Ion Ratio Lower Upper
276 100
138 21.9 21.8 32.8
277 24.4 20.5 30.7

