

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096083.D
 Acq On : 23 Apr 2018 13:59
 Operator : SJ/JU
 Sample : J2355-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 24 05:22:37 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration

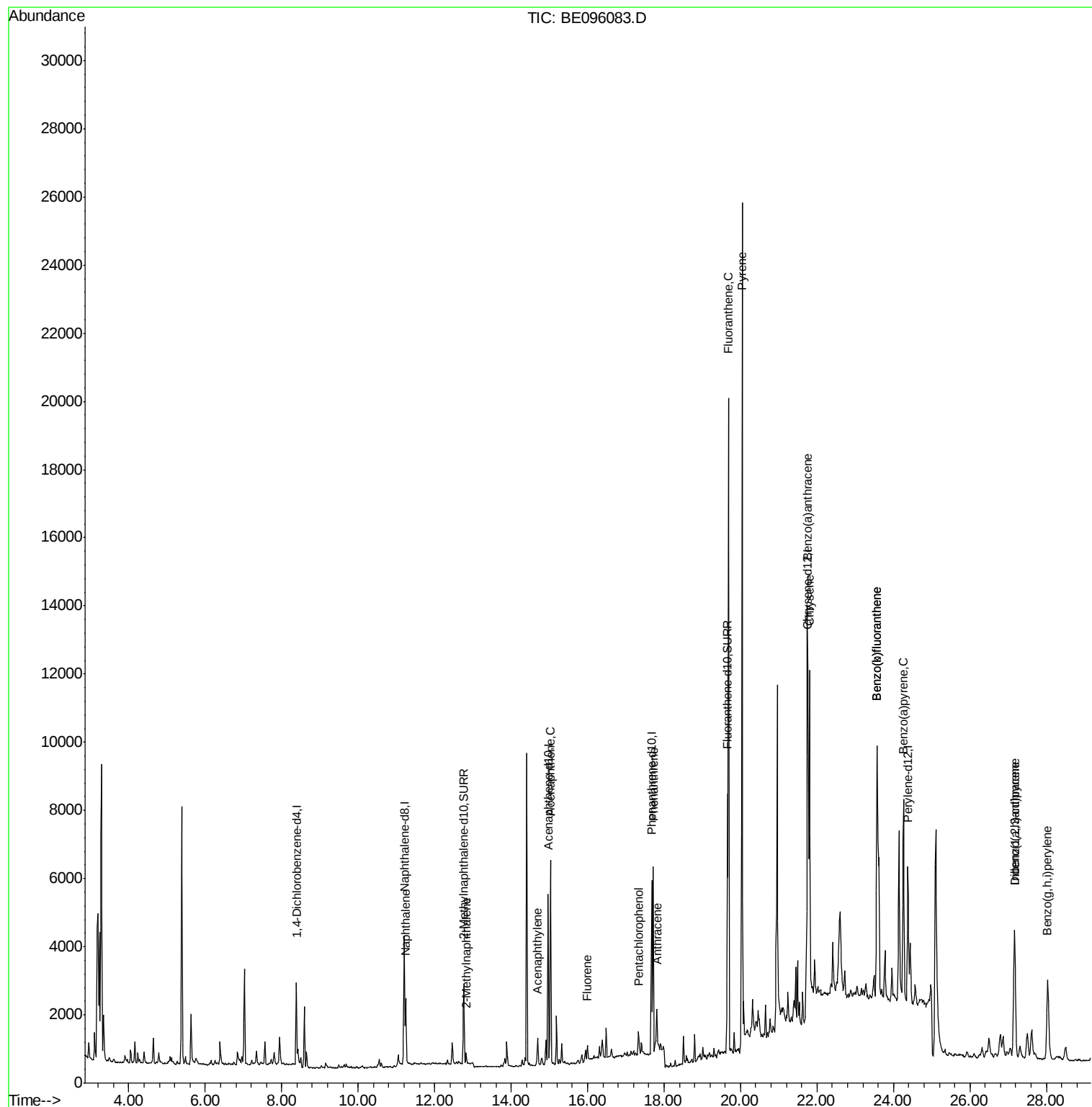
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1844	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6166	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2786	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6174	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	7412	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6127	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3054	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	8005	0.31	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	997	0.058	ng/ul#	80
5) 2-Methylnaphthalene	12.83	142	259	0.022	ng/ul	100
7) Acenaphthylene	14.70	152	1069	0.074	ng/ul#	87
8) Acenaphthene	15.03	153	3569	0.344	ng/ul	95
9) Fluorene	15.99	166	293	0.025	ng/ul#	81
11) Pentachlorophenol	17.33	266	403	0.308	ng/ul	97
12) Phenanthrene	17.71	178	5954	0.327	ng/ul#	89
13) Anthracene	17.80	178	1350	0.075	ng/ul#	90
15) Fluoranthene	19.68	202	21544	0.870	ng/ul	84
17) Pyrene	20.04	202	30281	1.202	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	11494	0.384	ng/ul#	86
19) Chrysene	21.80	228	10194	0.473	ng/ul	93
21) Benzo(b)fluoranthene	23.57	252	19493	0.983	ng/ul	93
22) Benzo(k)fluoranthene	23.57	252	19493	0.987	ng/ul	94
23) Benzo(a)pyrene	24.26	252	9733	0.509	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	27.17	276	7396	0.348	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.17	278	1792	0.105	ng/ul#	72
26) Benzo(g,h,i)perylene	28.03	276	5814	0.327	ng/ul	98

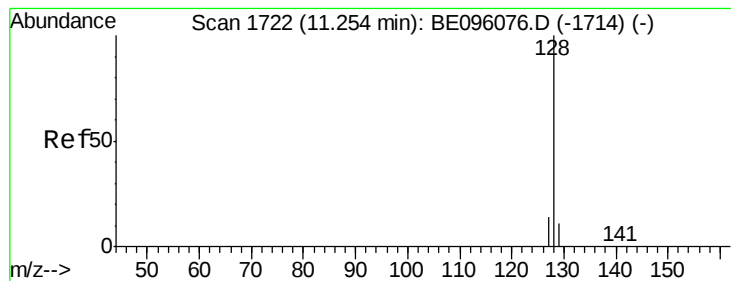
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.058 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Instrument :

BNA_E

ClientSampleId :

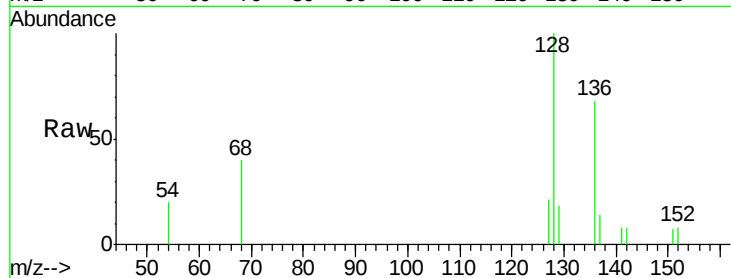
Tot Ion:128 Resp: 997

Ion Ratio Lower Upper

128 100

129 17.9 11.3 16.9#

127 21.2 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

11.25

600

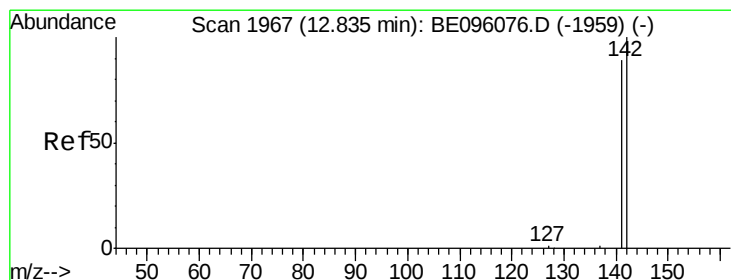
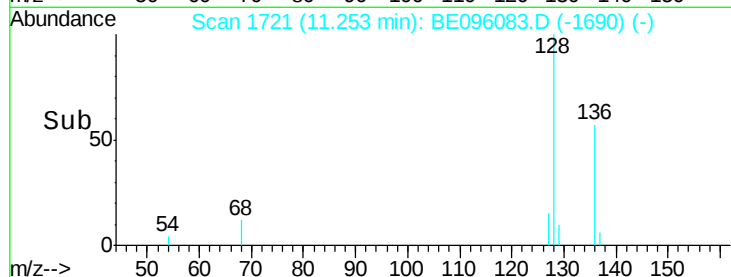
400

200

0

11.20 11.30

Time-->



#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BE096083.D

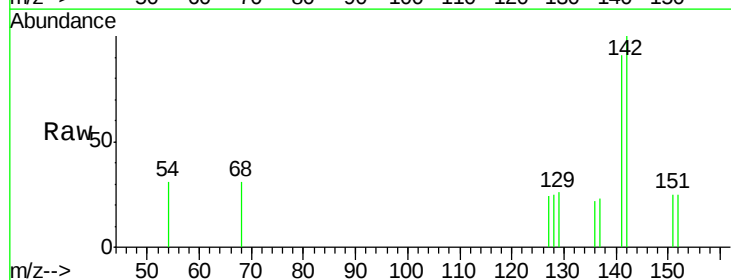
Acq: 23 Apr 2018 13:59

Tgt Ion:142 Resp: 259

Ion Ratio Lower Upper

142 100

141 91.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.83

200

150

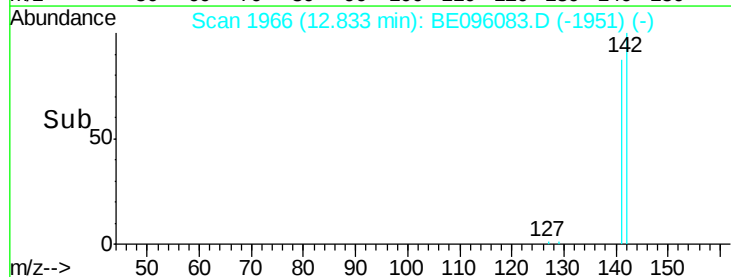
100

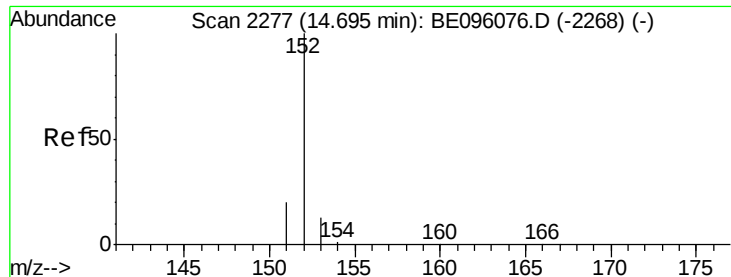
50

0

12.75 12.80 12.85

Time-->





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Instrument :

BNA_E

ClientSampleId :

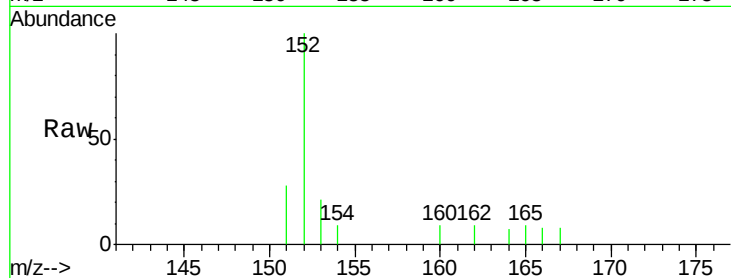
Tot Ion:152 Resp: 1069

Ion Ratio Lower Upper

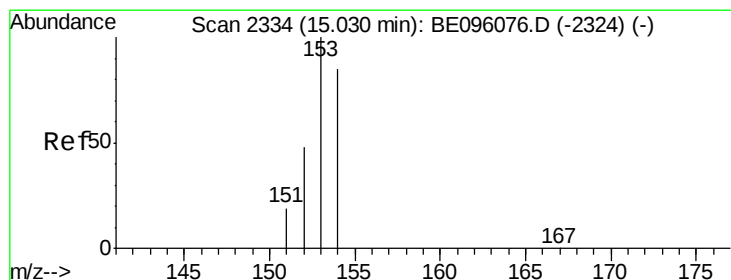
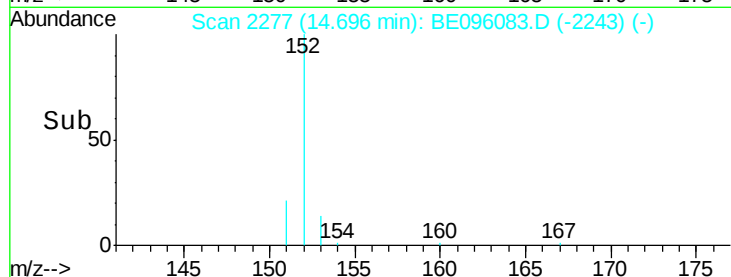
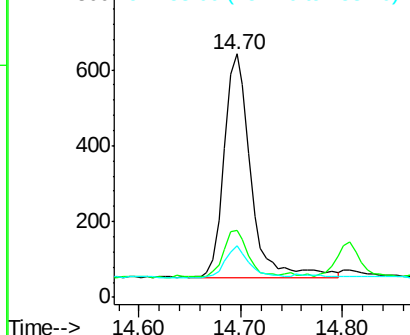
152 100

151 27.6 17.1 25.7#

153 21.0 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: 0.344 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

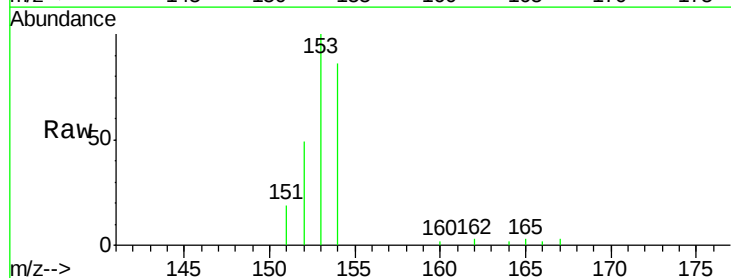
Tgt Ion:153 Resp: 3569

Ion Ratio Lower Upper

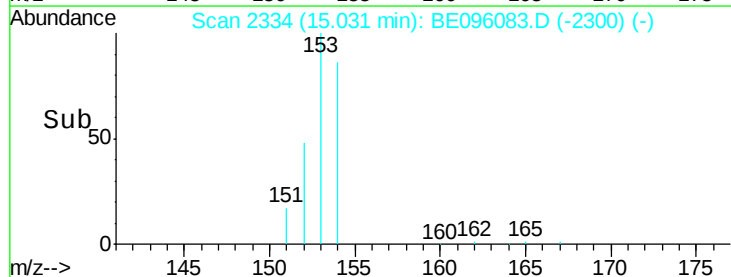
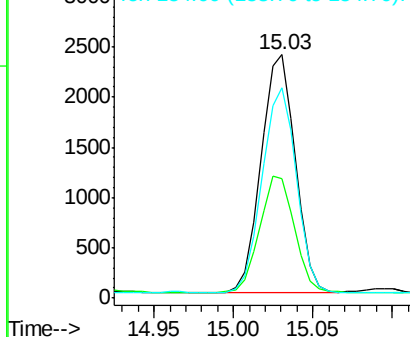
153 100

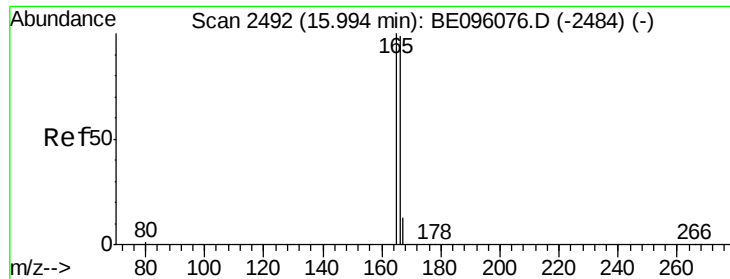
152 49.1 36.0 54.0

154 86.5 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: 0.025 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Instrument :

BNA_E

ClientSampleId :

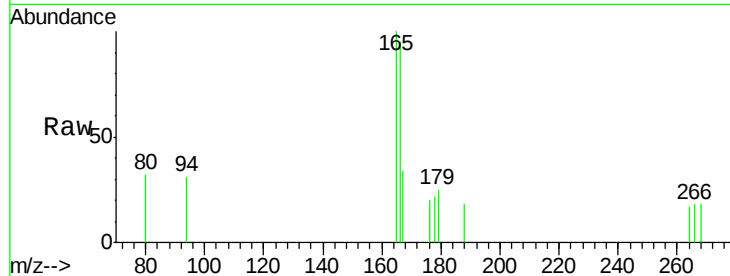
Tot Ion:166 Resp: 293

Ion Ratio Lower Upper

166 100

165 105.8 73.4 110.2

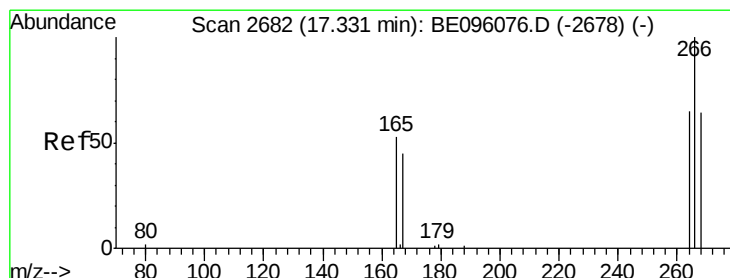
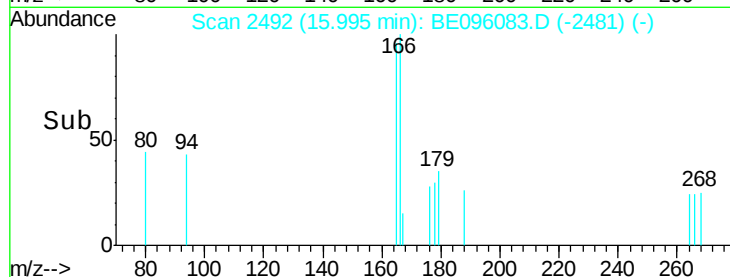
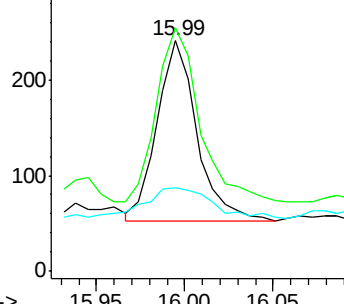
167 36.1 14.6 22.0#



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: 0.308 ng/ul

RT: 17.33 min Scan# 2682

Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

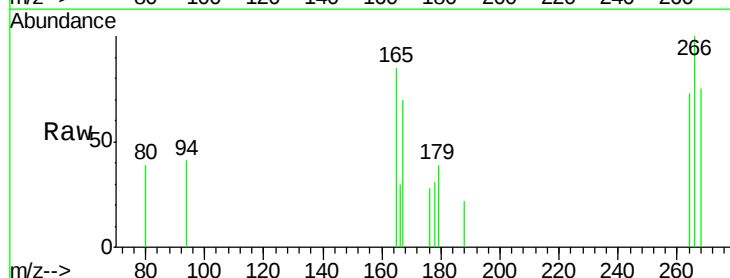
Tgt Ion:266 Resp: 403

Ion Ratio Lower Upper

266 100

264 61.8 47.9 71.9

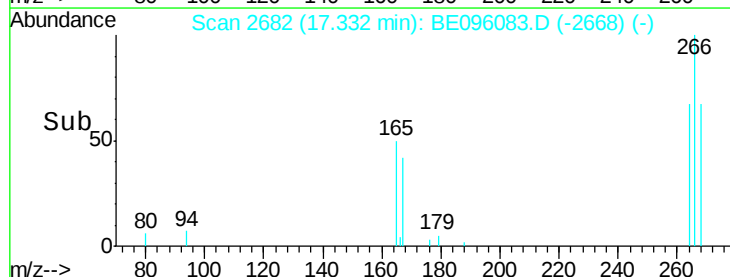
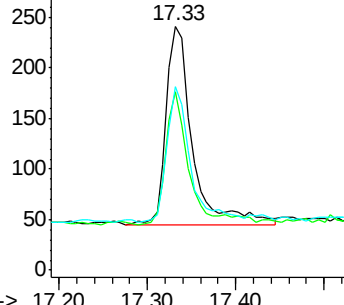
268 60.0 49.8 74.8

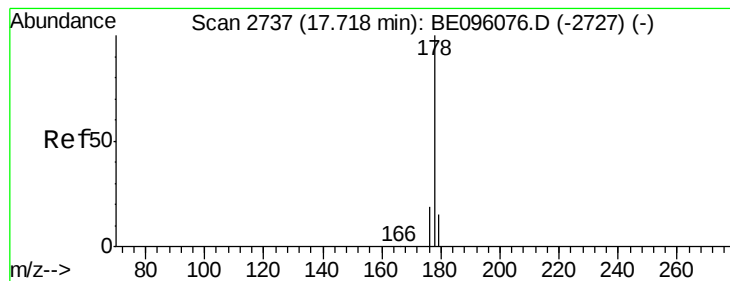


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.327 ng/ul

RT: 17.71 min Scan# 2736

Delta R.T. -0.01 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Instrument :

BNA_E

ClientSampleId :

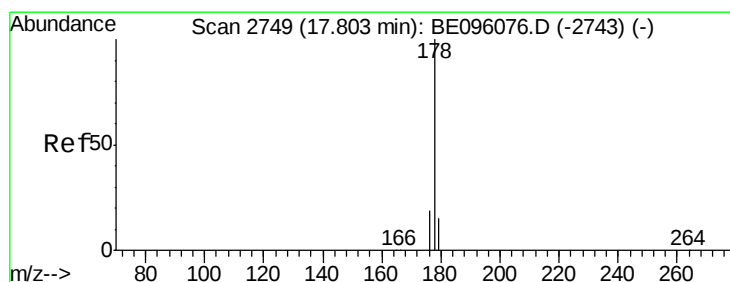
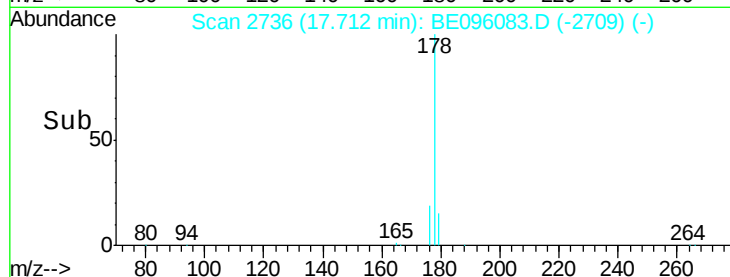
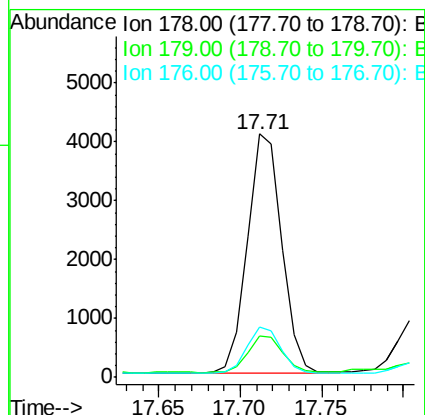
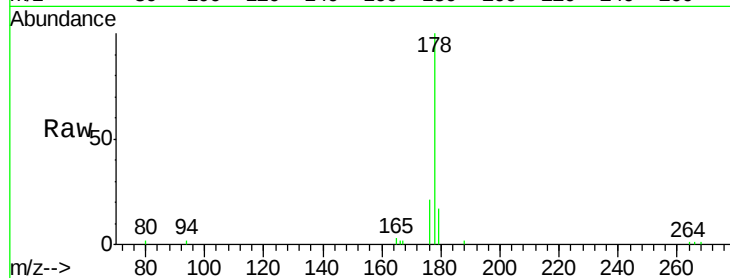
Tot Ion:178 Resp: 5954

Ion Ratio Lower Upper

178 100

179 16.8 18.4 27.6#

176 20.7 13.6 20.4#



#13

Anthracene

Concen: 0.075 ng/ul

RT: 17.80 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

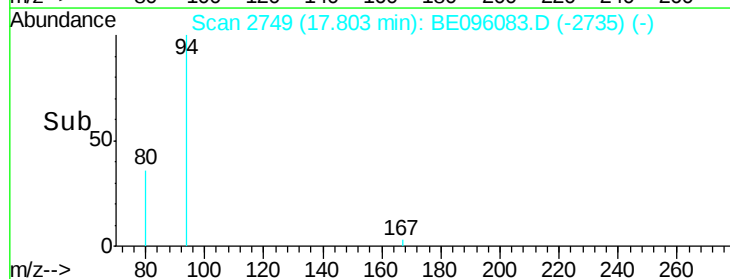
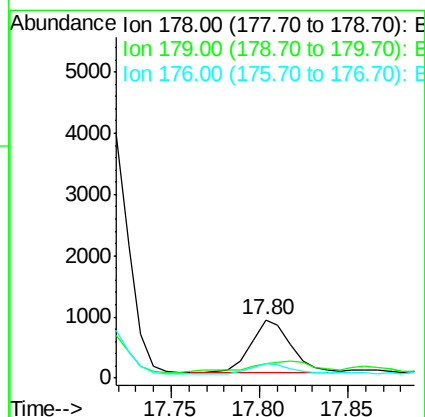
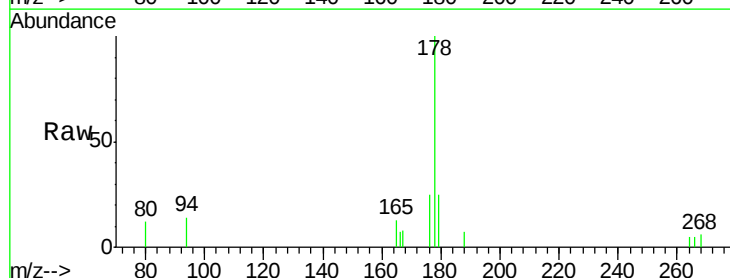
Tgt Ion:178 Resp: 1350

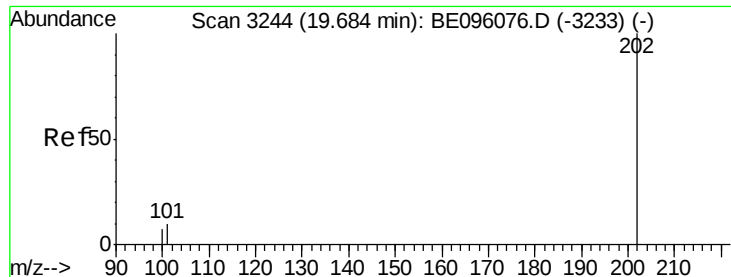
Ion Ratio Lower Upper

178 100

179 25.4 18.1 27.1

176 25.5 14.7 22.1#





#15

Fluoranthene

Concen: 0.870 ng/ul

RT: 19.68 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Instrument :

BNA_E

ClientSampleId :

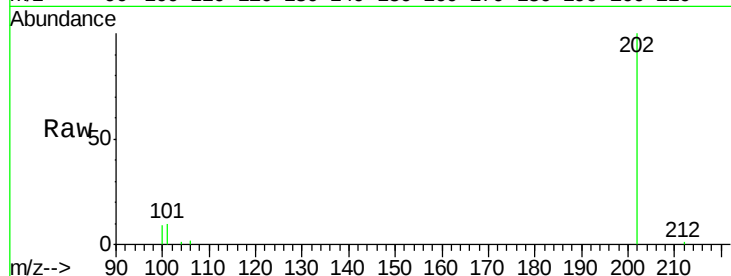
Tot Ion:202 Resp: 21544

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.3

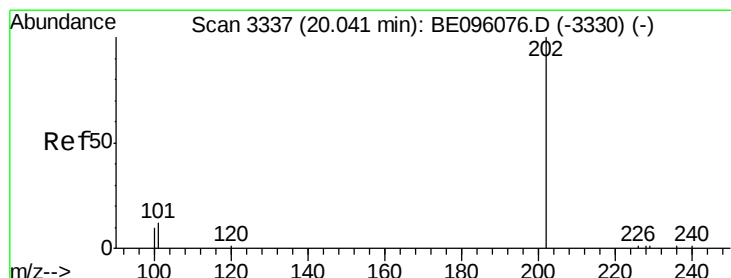
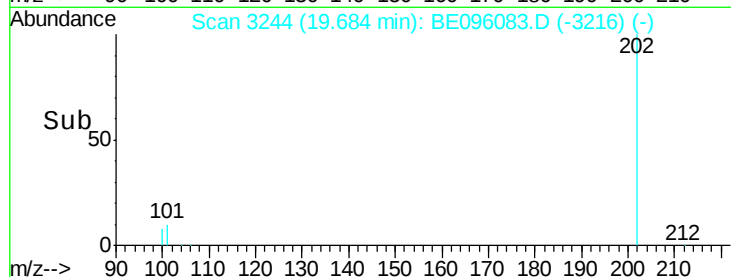
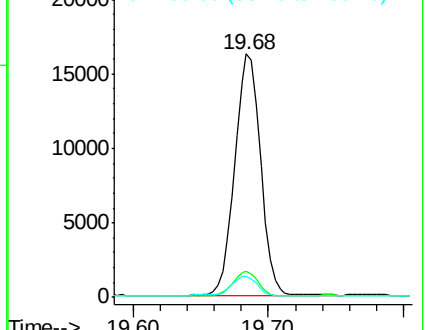
100 8.6 0.0 39.5



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: 1.202 ng/ul

RT: 20.04 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

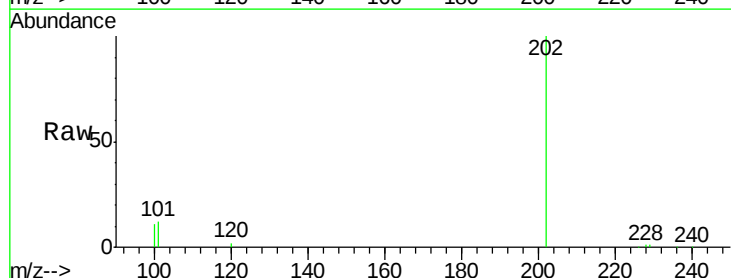
Tgt Ion:202 Resp: 30281

Ion Ratio Lower Upper

202 100

101 12.2 18.2 27.4#

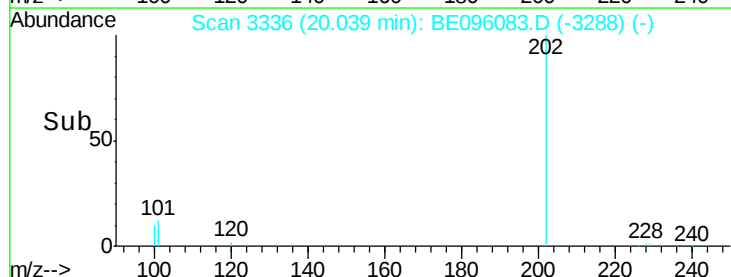
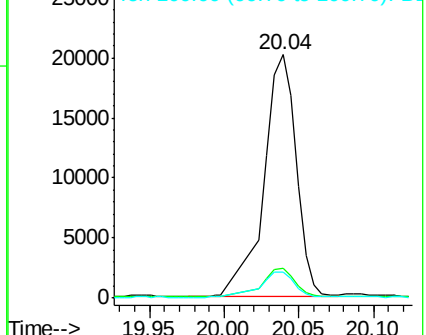
100 10.7 15.6 23.4#

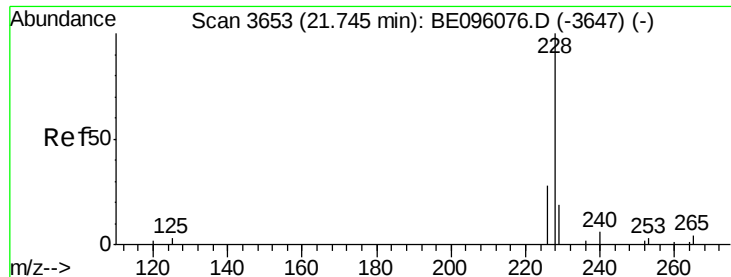


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.384 ng/ul

RT: 21.75 min Scan# 3652

Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

Instrument :

BNA_E

ClientSampled :

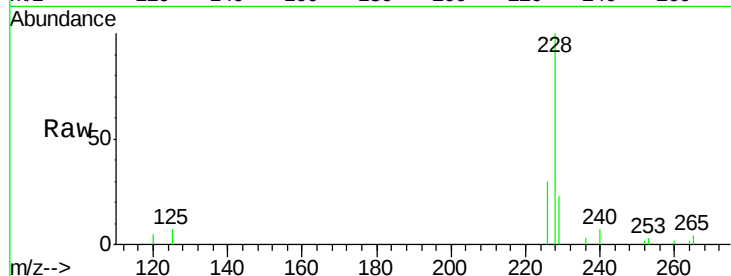
Tot Ion:228 Resp: 11494

Ion Ratio Lower Upper

228 100

229 22.8 22.8 34.2

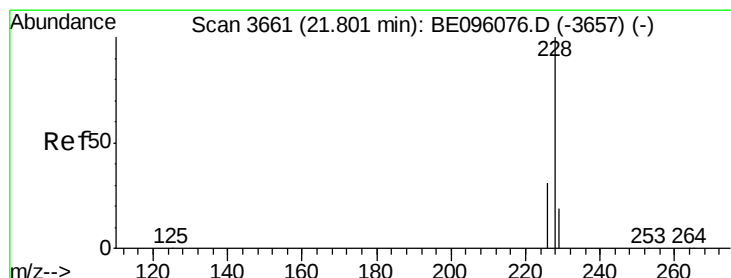
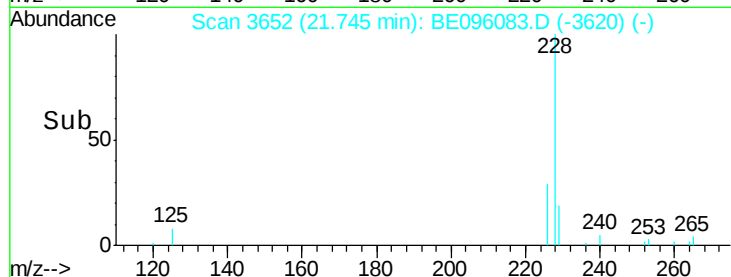
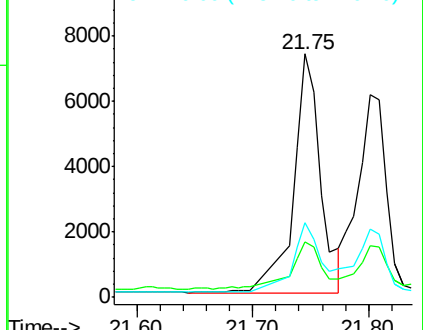
226 30.4 17.0 25.6#



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: 0.473 ng/ul

RT: 21.80 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BE096083.D

Acq: 23 Apr 2018 13:59

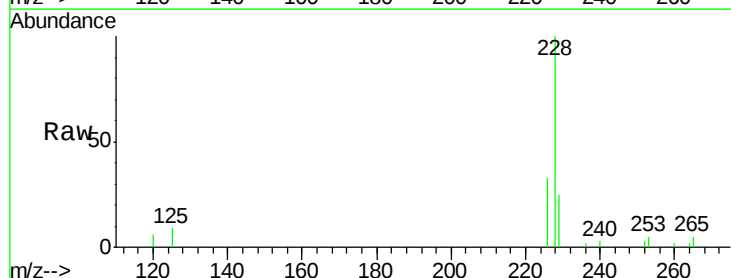
Tgt Ion:228 Resp: 10194

Ion Ratio Lower Upper

228 100

226 33.5 23.4 35.0

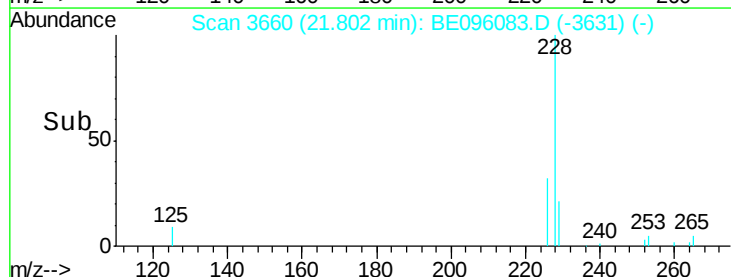
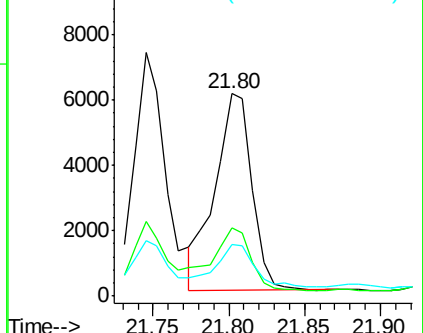
229 25.3 17.7 26.5

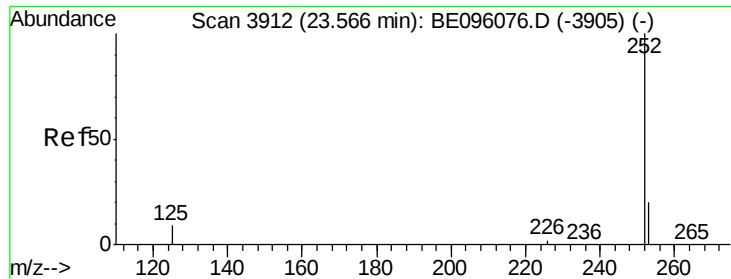


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

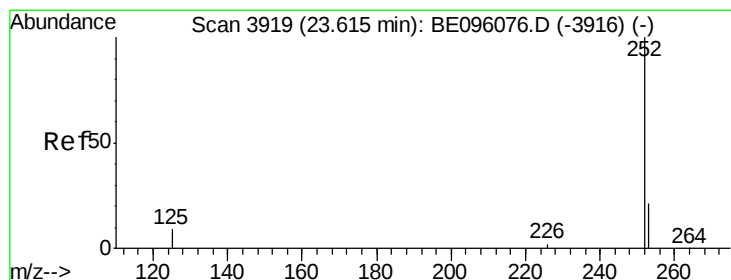
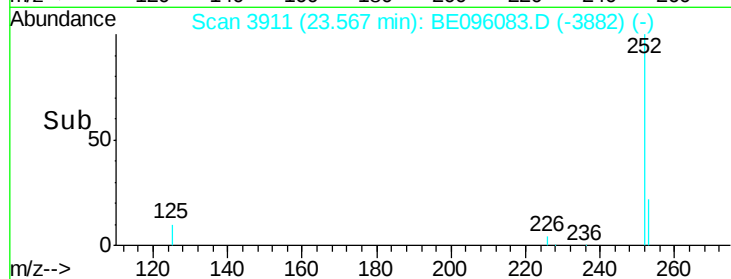
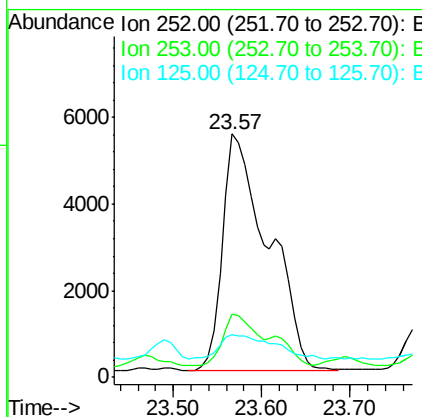
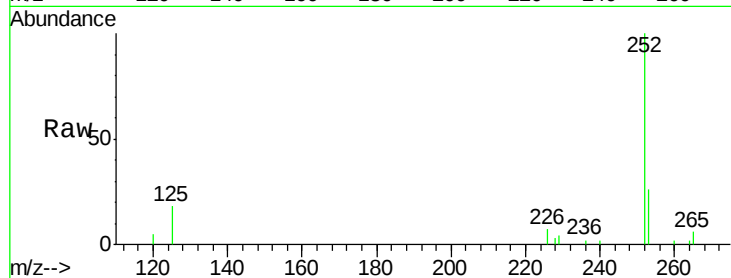




#21
Benzo(b)fluoranthene
Concen: 0.983 ng/ul
RT: 23.57 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

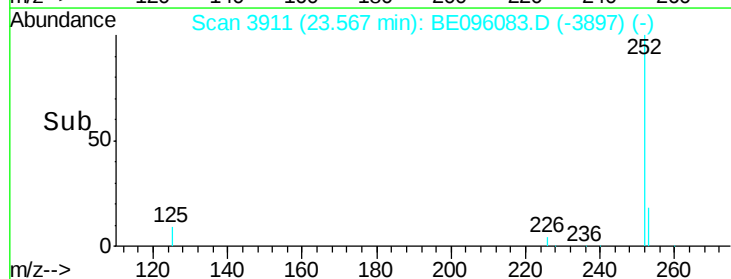
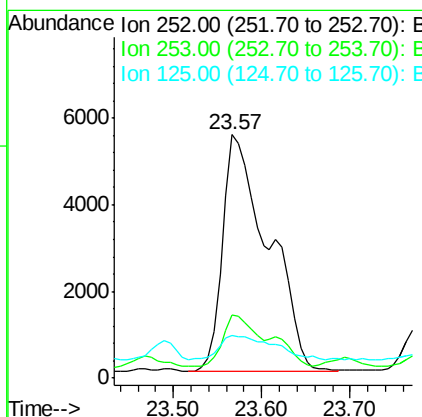
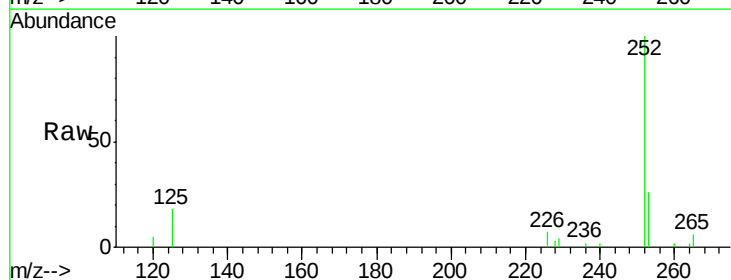
Instrument :
BNA_E
ClientSampleId :

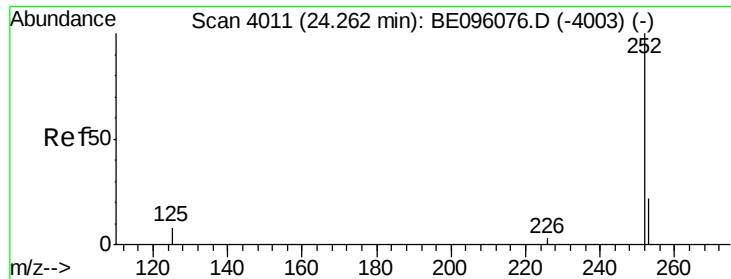
Tot Ion:252 Resp: 19493
Ion Ratio Lower Upper
252 100
253 26.0 0.0 64.2
125 17.7 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.987 ng/ul
RT: 23.57 min Scan# 3911
Delta R.T. -0.05 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Tgt Ion:252 Resp: 19493
Ion Ratio Lower Upper
252 100
253 26.0 24.5 36.7
125 17.7 13.7 20.5

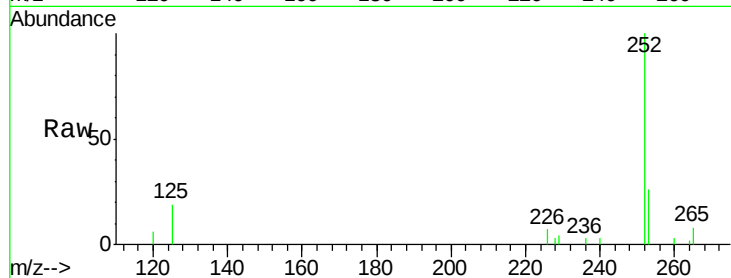




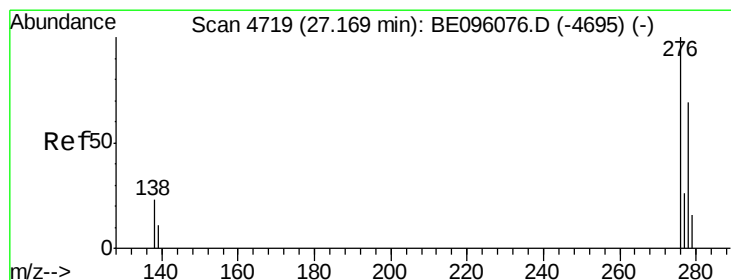
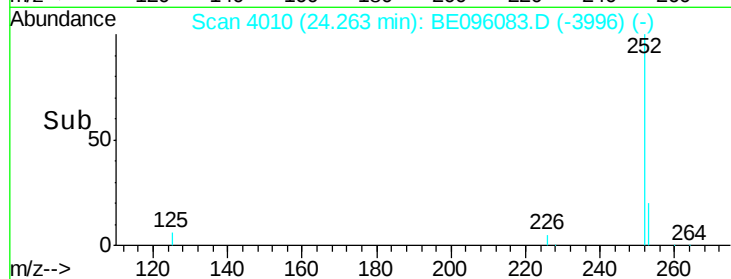
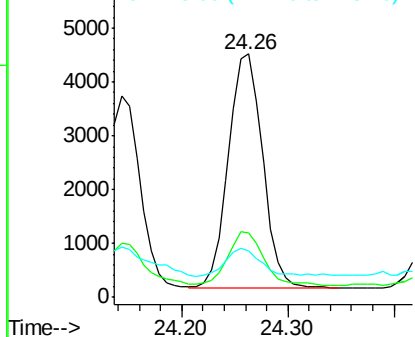
#23
Benzo(a)pyrene
Concen: 0.509 ng/ul
RT: 24.26 min Scan# 4010
Delta R.T. 0.00 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 9733
Ion Ratio Lower Upper
252 100
253 26.3 28.5 42.7#
125 19.2 18.1 27.1

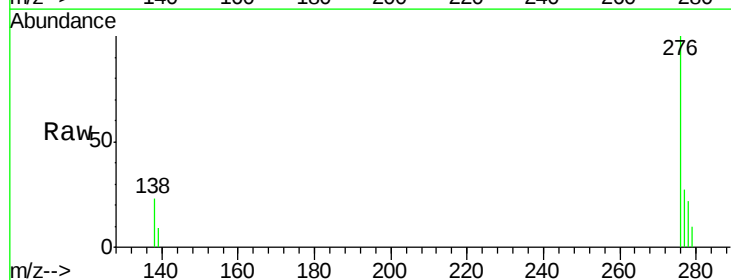


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

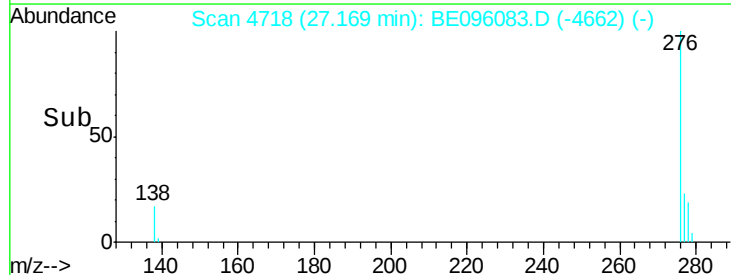
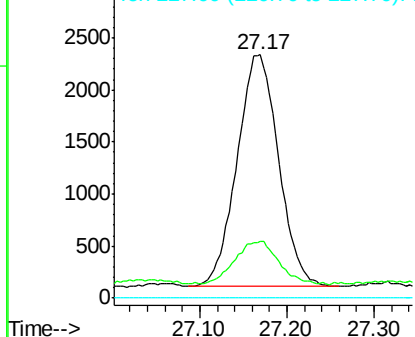


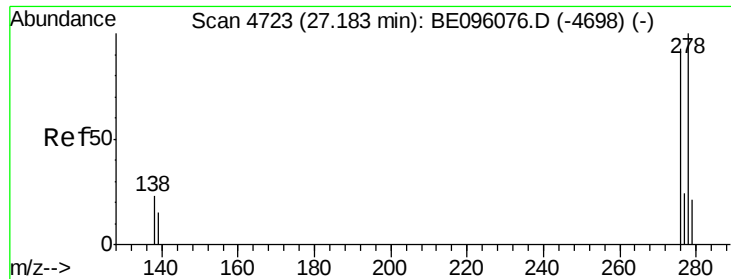
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 27.17 min Scan# 4718
Delta R.T. 0.00 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Tgt Ion:276 Resp: 7396
Ion Ratio Lower Upper
276 100
138 18.9 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

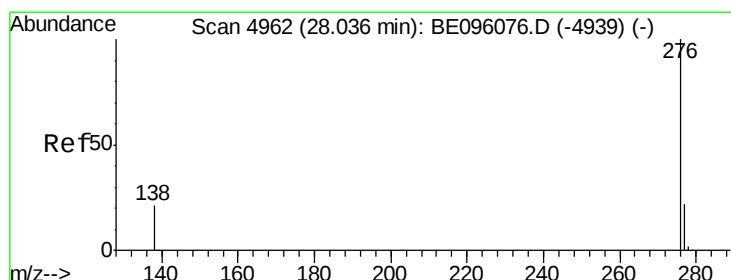
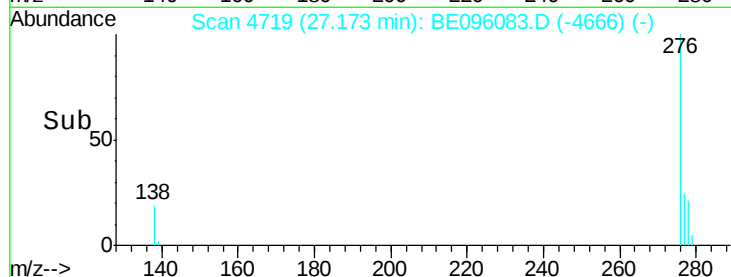
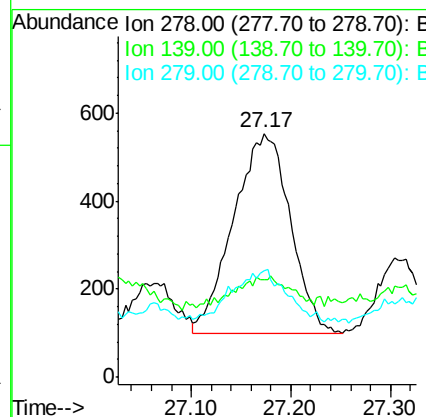
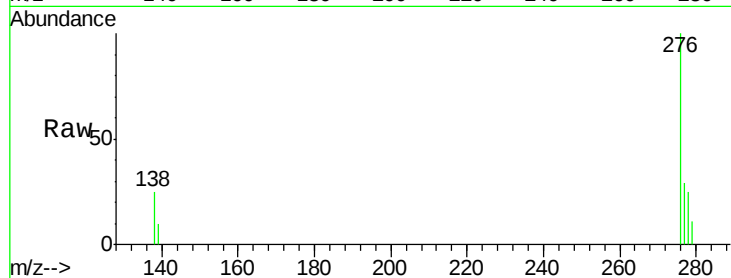




#25
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 27.17 min Scan# 4719
Delta R.T. -0.01 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 1792
Ion Ratio Lower Upper
278 100
139 40.1 17.4 26.0#
279 43.8 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 28.03 min Scan# 4960
Delta R.T. -0.00 min
Lab File: BE096083.D
Acq: 23 Apr 2018 13:59

Tgt Ion:276 Resp: 5814
Ion Ratio Lower Upper
276 100
138 27.9 21.8 32.8
277 27.2 20.5 30.7

