

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094327.D
 Acq On : 13 Oct 2017 16:31
 Operator : SJ/JU
 Sample : I5568-04DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 02:19:03 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 02:15:10 2017
 Response via : Initial Calibration

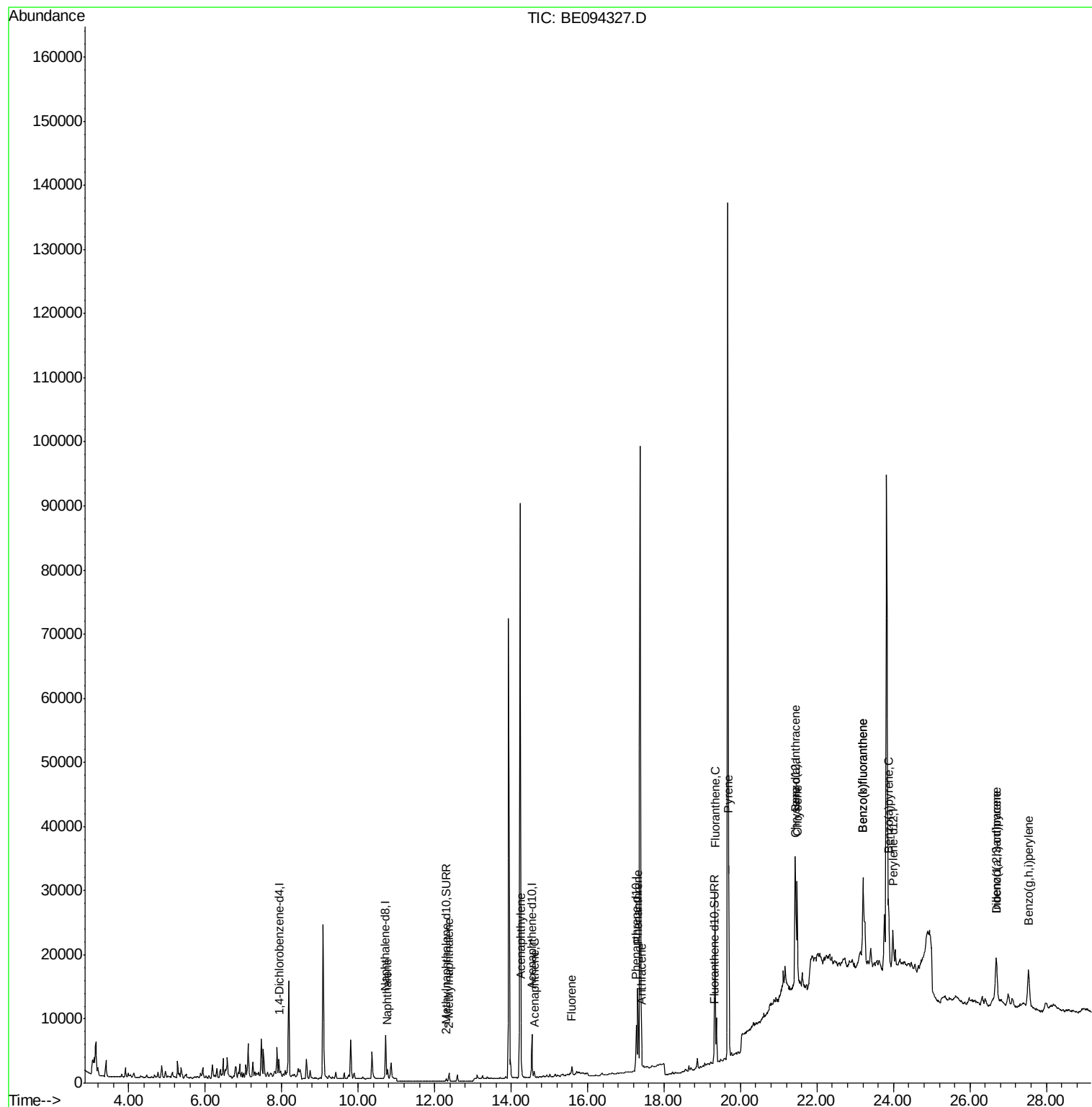
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1466	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7401	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	4162	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.27	188	9090	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9620	0.40	ng/ul	0.02
20) Perylene-d12	23.98	264	8305	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	720	0.06	ng/ul	0.01
14) Fluoranthene-d10	19.30	212	1691	0.06	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.77	128	2267	0.125	ng/ul#	88
5) 2-Methylnaphthalene	12.37	142	1197	0.102	ng/ul	95
7) Acenaphthylene	14.27	152	890	0.055	ng/ul#	72
8) Acenaphthene	14.60	153	662	0.050	ng/ul	93
9) Fluorene	15.59	166	925	0.059	ng/ul#	84
12) Phenanthrene	17.31	178	16848	0.709	ng/ul#	88
13) Anthracene	17.41	178	4035	0.175	ng/ul#	85
15) Fluoranthene	19.33	202	30678	0.983	ng/ul	84
17) Pyrene	19.69	202	31752	1.186	ng/ul#	85
18) Benzo(a)anthracene	21.43	228	17255	0.676	ng/ul#	66
19) Chrysene	21.48	228	17469	0.593	ng/ul#	62
21) Benzo(b)fluoranthene	23.20	252	31483	1.395	ng/ul#	40
22) Benzo(k)fluoranthene	23.20	252	31483	1.207	ng/ul#	37
23) Benzo(a)pyrene	23.87	252	16895	0.721	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	26.69	276	12978	0.541	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.69	278	3847	0.191	ng/ul#	1
26) Benzo(a,h,i)perylene	27.53	276	13879	0.671	ng/ul#	49

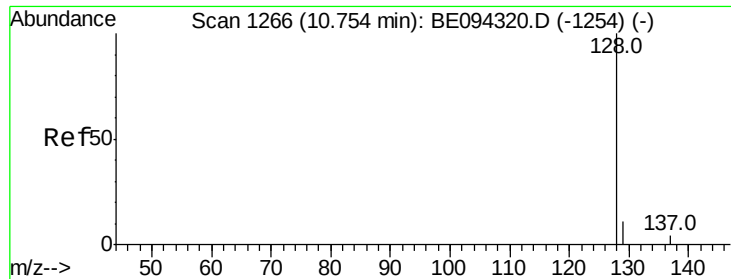
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 14 02:15:10 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.125 ng/ul

RT: 10.77 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

ClientSampleId :

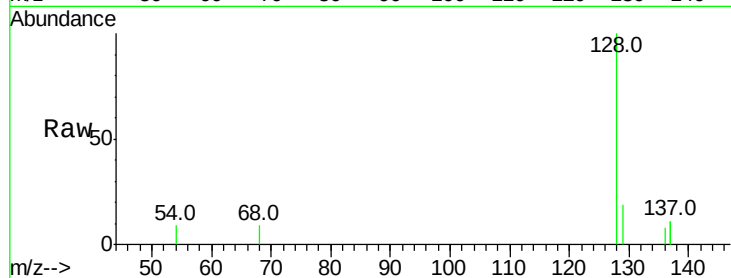
Tot Ion:128 Resp: 2267

Ion Ratio Lower Upper

128 100

129 18.7 11.3 16.9#

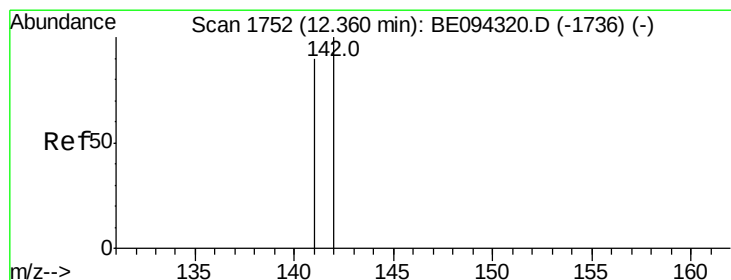
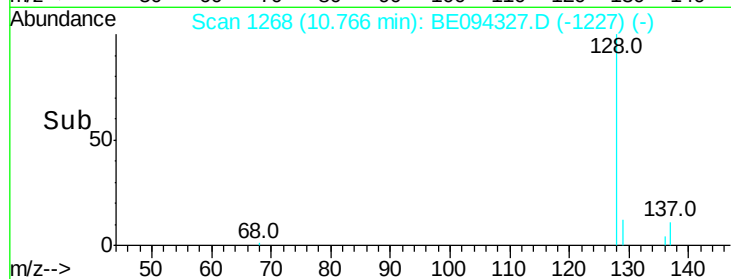
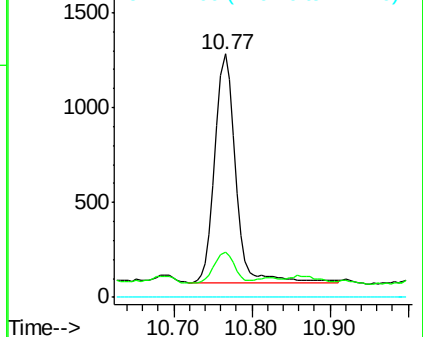
127 0.0 4.0 6.0#



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: 0.102 ng/ul

RT: 12.37 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BE094327.D

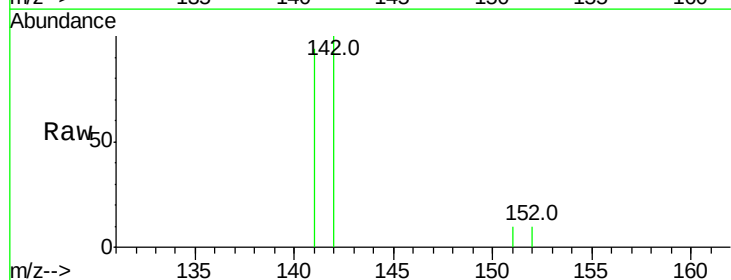
Acq: 13 Oct 2017 16:31

Tgt Ion:142 Resp: 1197

Ion Ratio Lower Upper

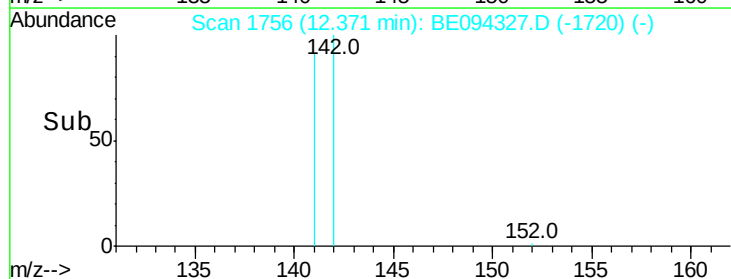
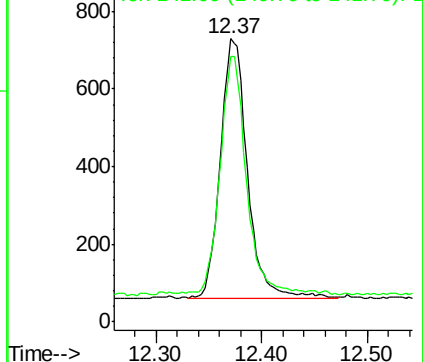
142 100

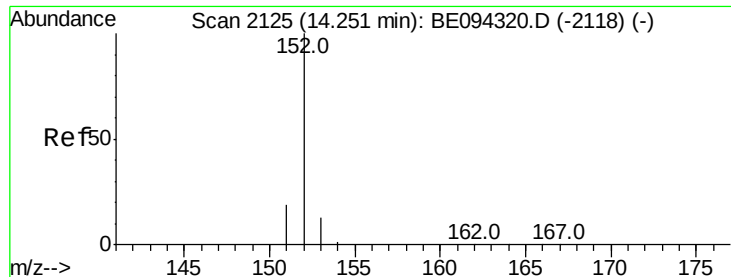
141 85.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 14.27 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

ClientSampleId :

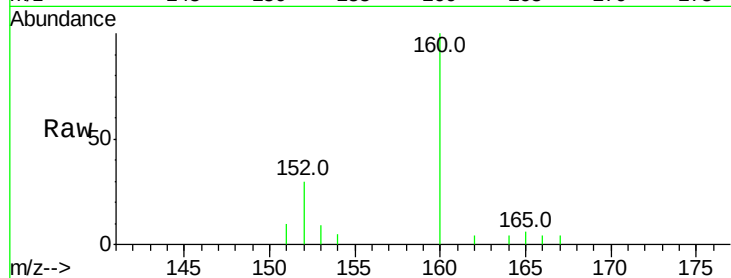
Tot Ion:152 Resp: 890

Ion Ratio Lower Upper

152 100

151 34.0 17.1 25.7#

153 29.0 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

600

400

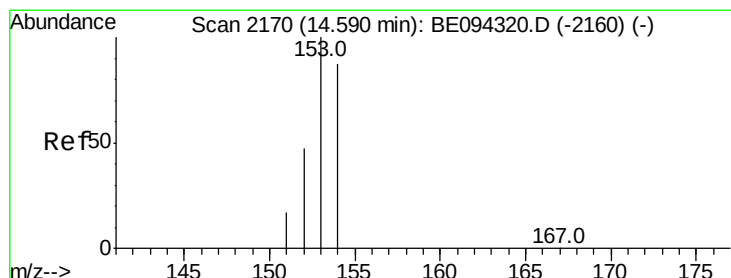
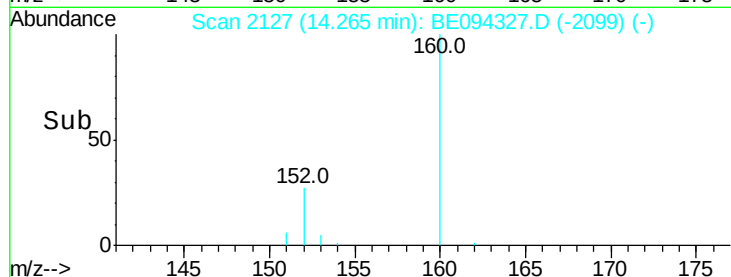
200

0

14.20 14.30

14.27

Time-->



#8

Acenaphthene

Concen: 0.050 ng/ul

RT: 14.60 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

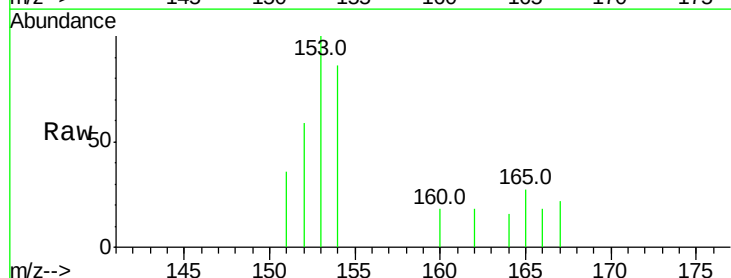
Tgt Ion:153 Resp: 662

Ion Ratio Lower Upper

153 100

152 59.4 40.3 60.5

154 85.8 71.4 107.2



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

600

500

400

300

200

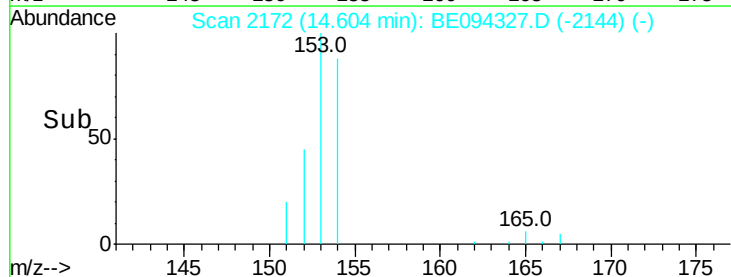
100

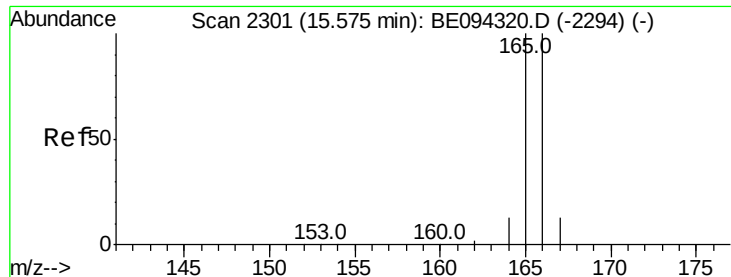
0

14.50 14.55 14.60 14.65

14.60

Time-->





#9

Fluorene

Concen: 0.059 ng/ul

RT: 15.59 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

ClientSampleId :

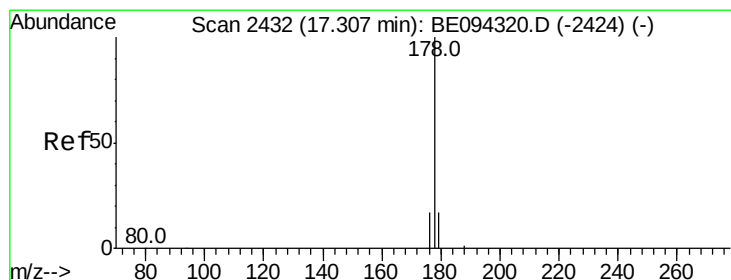
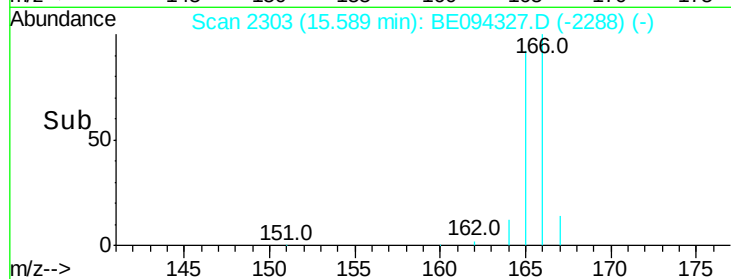
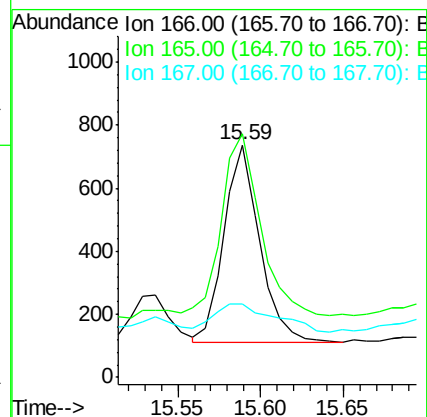
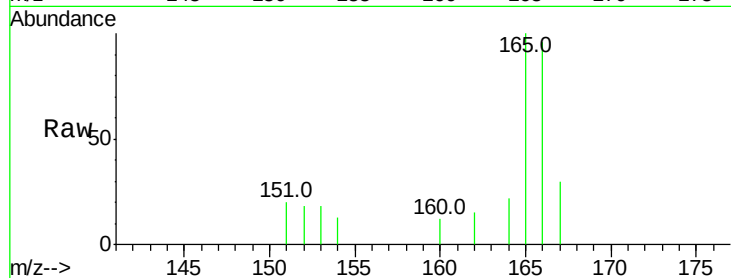
Tot Ion:166 Resp: 925

Ion Ratio Lower Upper

166 100

165 104.6 73.4 110.2

167 31.7 14.6 22.0#



#12

Phenanthrene

Concen: 0.709 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

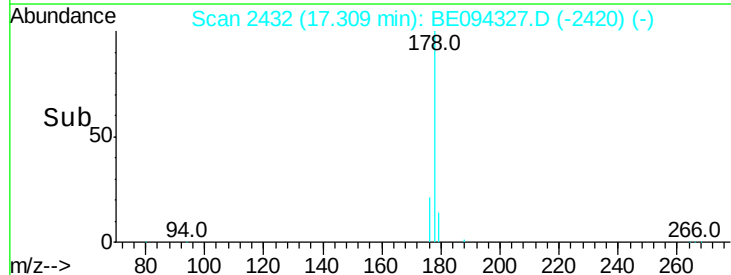
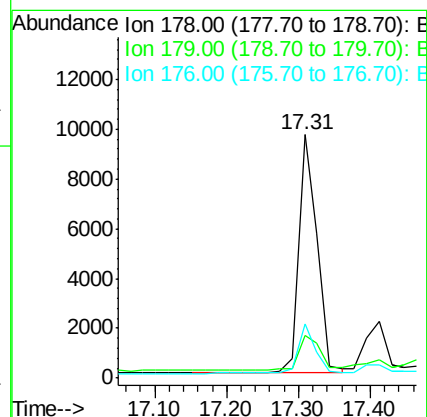
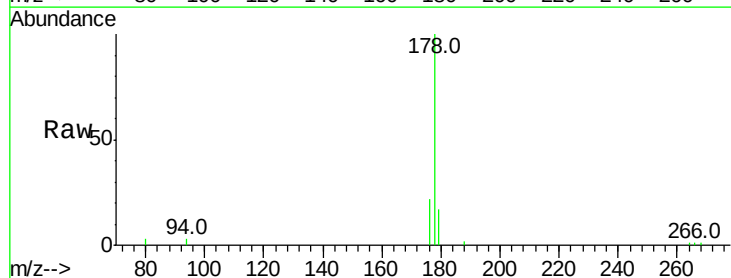
Tgt Ion:178 Resp: 16848

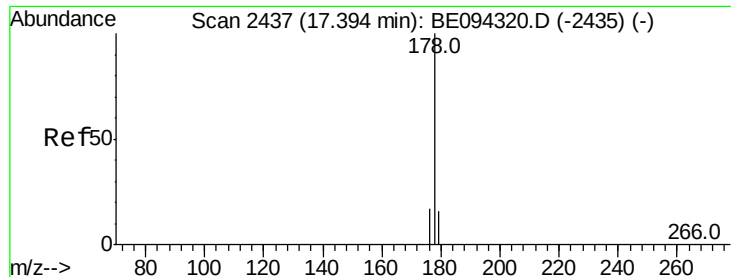
Ion Ratio Lower Upper

178 100

179 17.3 18.4 27.6#

176 22.2 13.6 20.4#





#13

Anthracene

Concen: 0.175 ng/ul

RT: 17.41 min Scan# 2438

Delta R.T. 0.02 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

ClientSampleId :

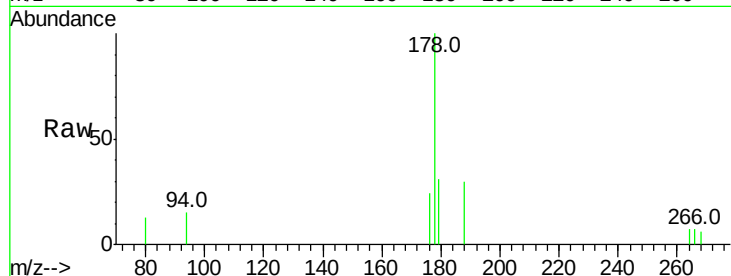
Tot Ion:178 Resp: 4035

Ion Ratio Lower Upper

178 100

179 31.1 18.1 27.1#

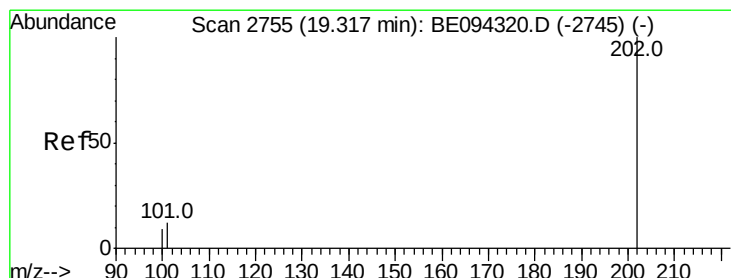
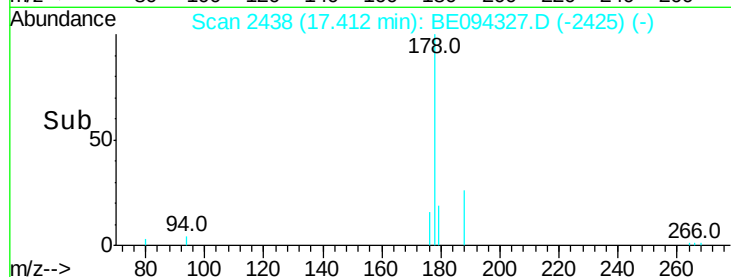
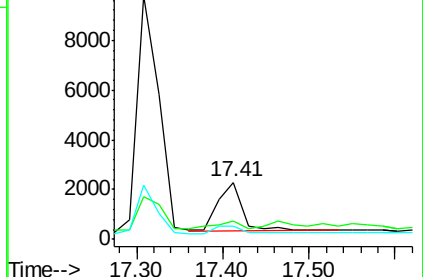
176 23.7 14.7 22.1#



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: 0.983 ng/ul

RT: 19.33 min Scan# 2758

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

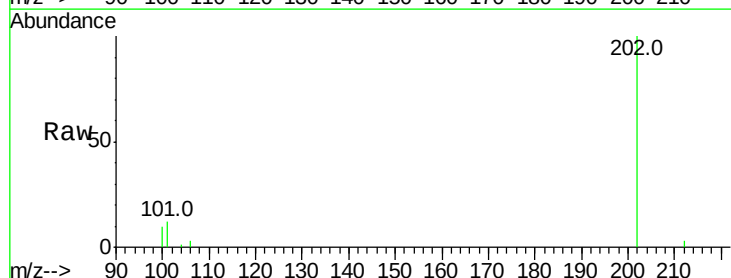
Tgt Ion:202 Resp: 30678

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.3

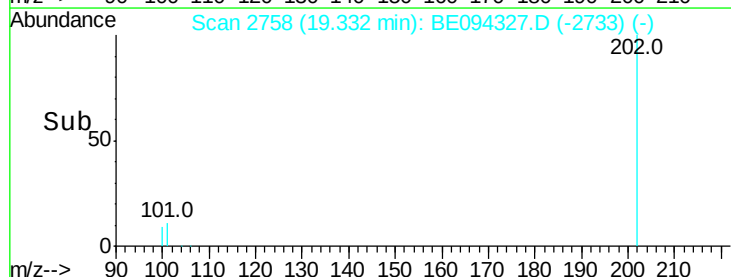
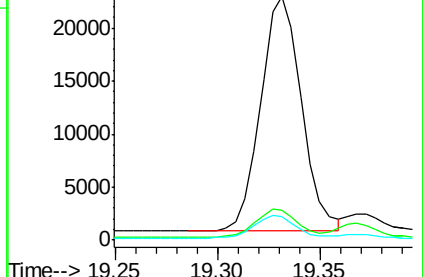
100 9.5 0.0 39.5

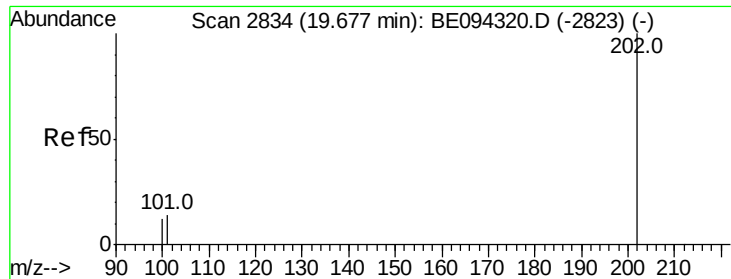


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 1.186 ng/ul

RT: 19.69 min Scan# 2837

Delta R.T. 0.01 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

ClientSampleId :

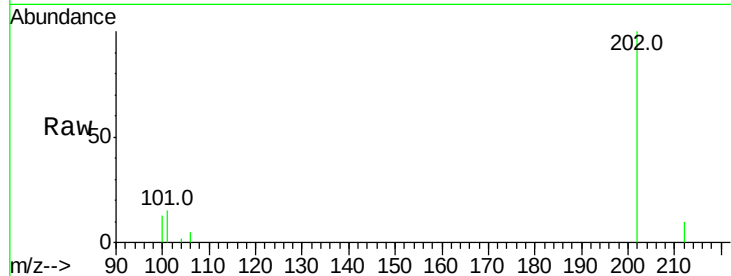
Tot Ion:202 Resp: 31752

Ion Ratio Lower Upper

202 100

101 15.1 18.2 27.4#

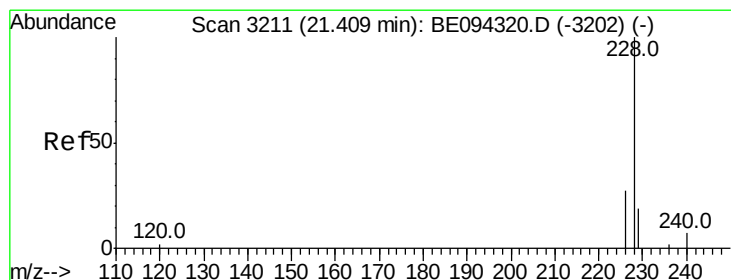
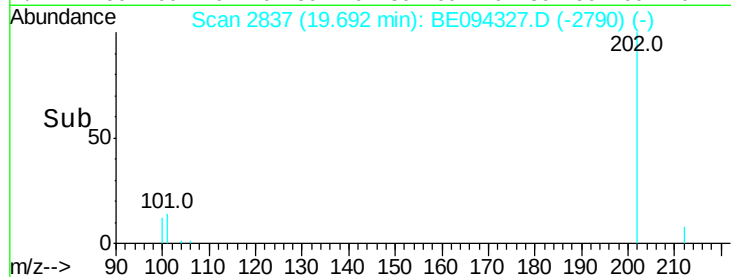
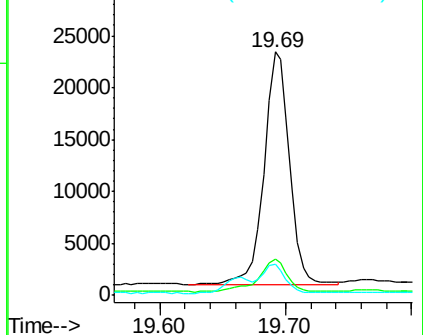
100 12.7 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.676 ng/ul

RT: 21.43 min Scan# 3214

Delta R.T. 0.02 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

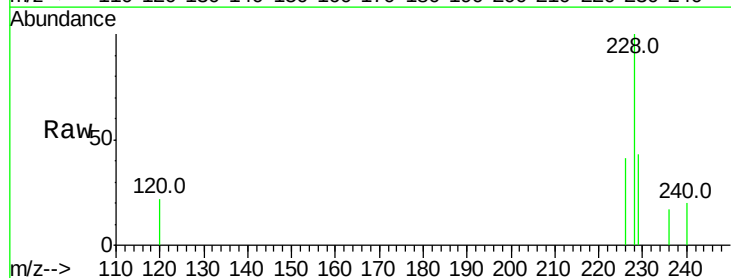
Tgt Ion:228 Resp: 17255

Ion Ratio Lower Upper

228 100

229 43.4 22.8 34.2#

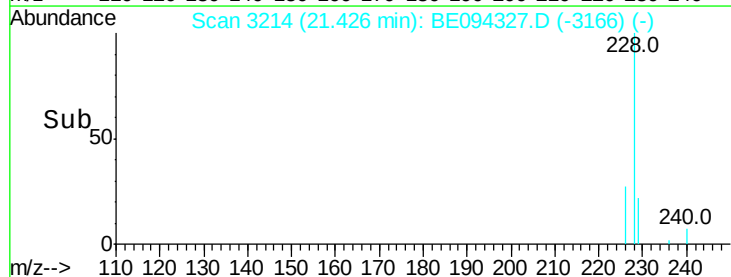
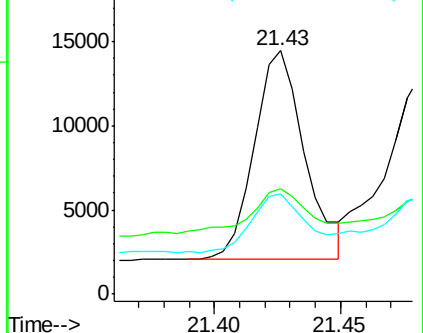
226 40.9 17.0 25.6#

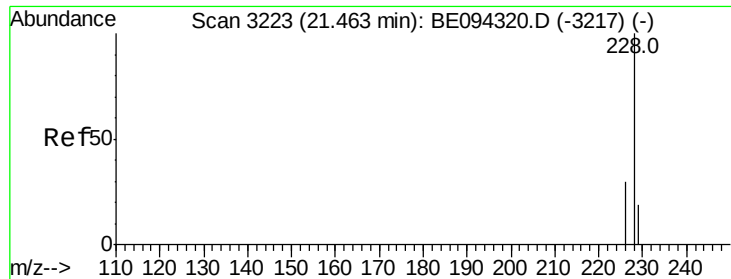


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.593 ng/ul

RT: 21.48 min Scan# 3226

Delta R.T. 0.02 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

ClientSampleId :

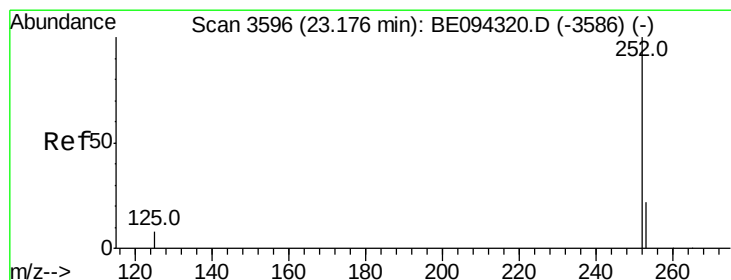
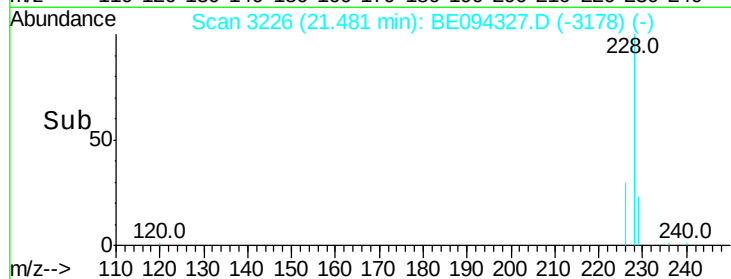
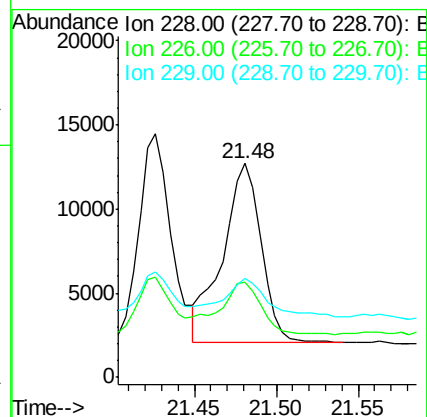
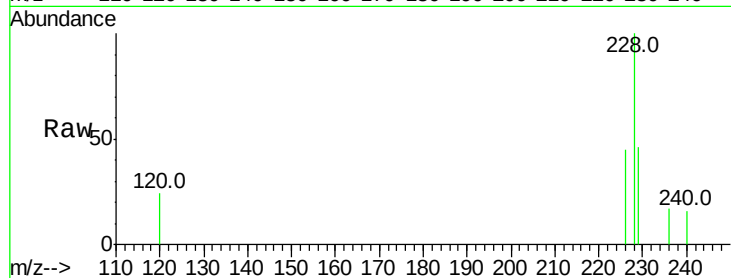
Tot Ion:228 Resp: 17469

Ion Ratio Lower Upper

228 100

226 44.7 23.4 35.0#

229 46.1 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 1.395 ng/ul

RT: 23.20 min Scan# 3601

Delta R.T. 0.03 min

Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

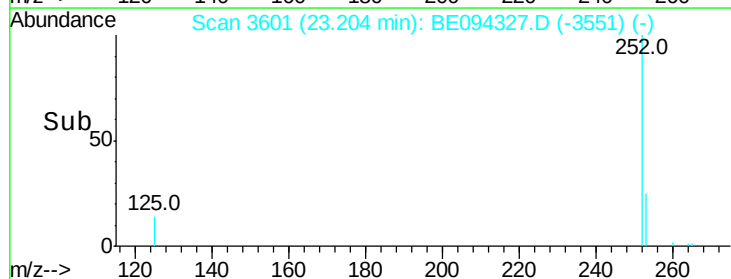
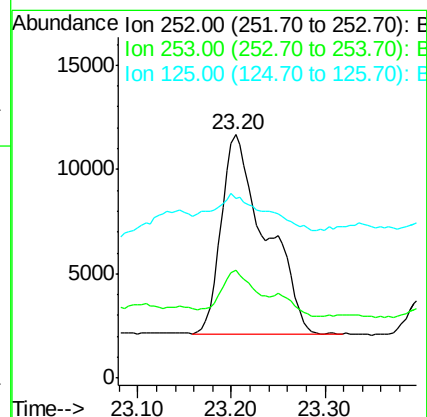
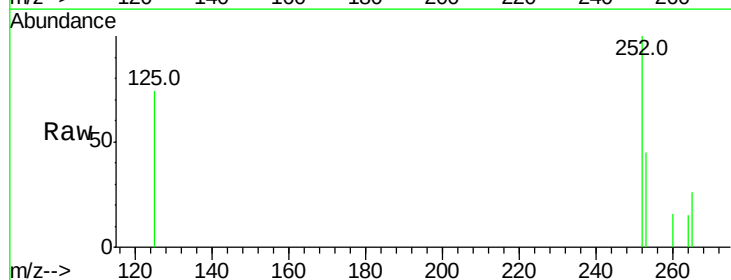
Tgt Ion:252 Resp: 31483

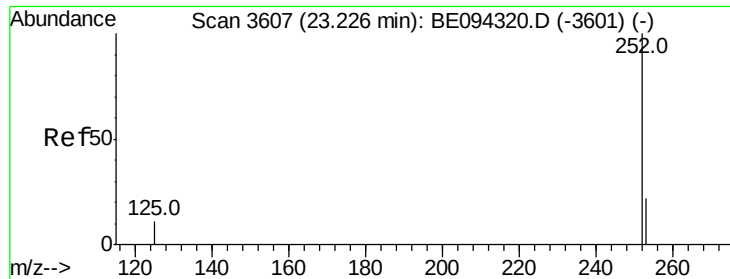
Ion Ratio Lower Upper

252 100

253 44.5 0.0 64.2

125 73.7 0.0 35.0#

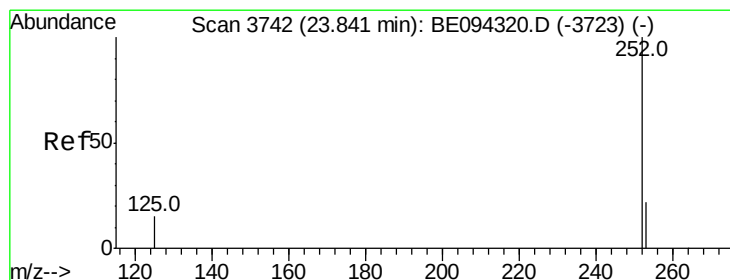
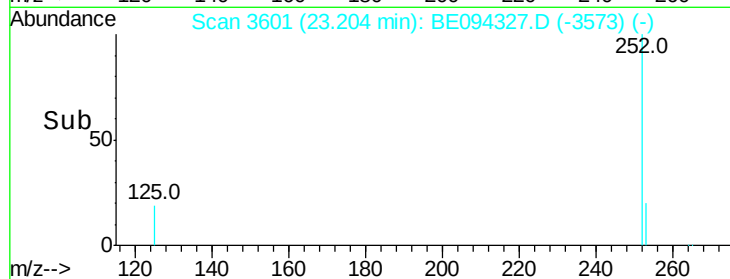
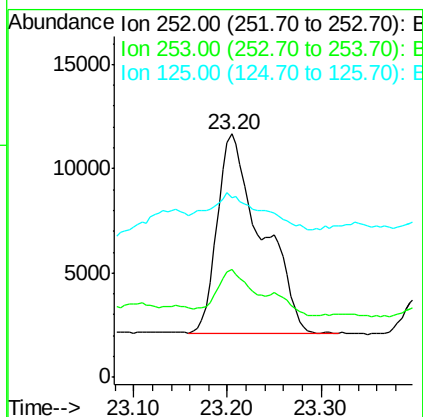
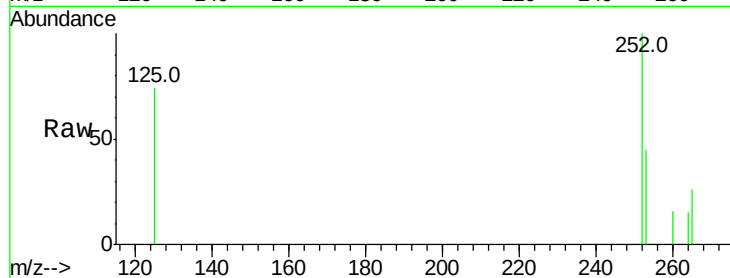




#22
Benzo(k)fluoranthene
Concen: 1.207 ng/ul
RT: 23.20 min Scan# 3601
Delta R.T. -0.02 min
Lab File: BE094327.D
Acq: 13 Oct 2017 16:31

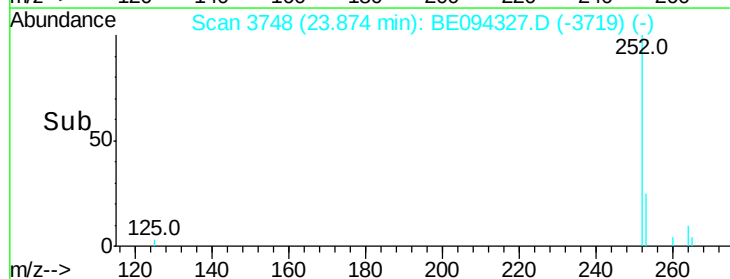
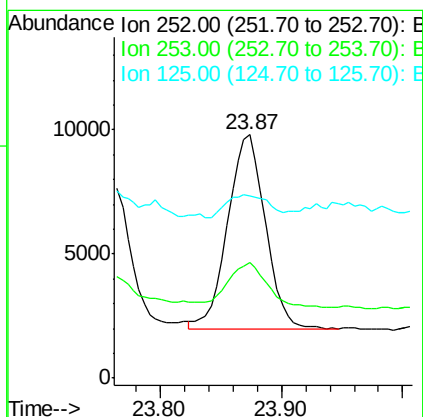
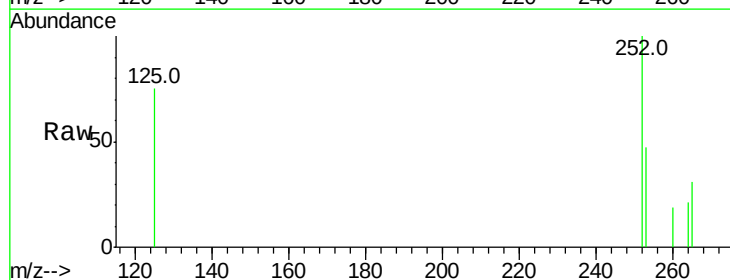
Instrument :
BNA_E
ClientSampleId :

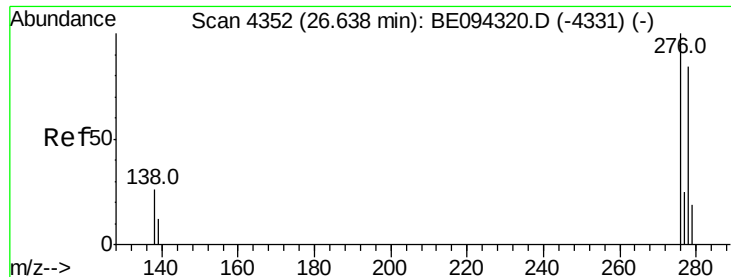
Tot Ion:252 Resp: 31483
Ion Ratio Lower Upper
252 100
253 44.5 24.5 36.7#
125 73.7 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.721 ng/ul
RT: 23.87 min Scan# 3748
Delta R.T. 0.03 min
Lab File: BE094327.D
Acq: 13 Oct 2017 16:31

Tgt Ion:252 Resp: 16895
Ion Ratio Lower Upper
252 100
253 47.3 28.5 42.7#
125 74.8 18.1 27.1#



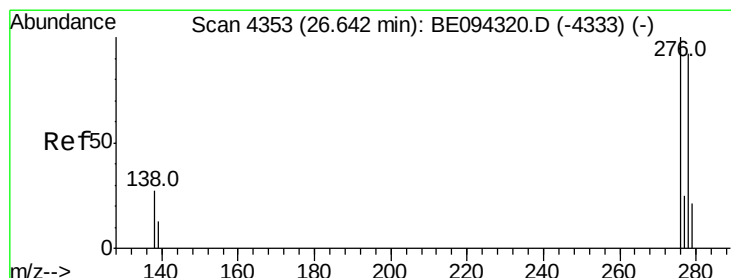
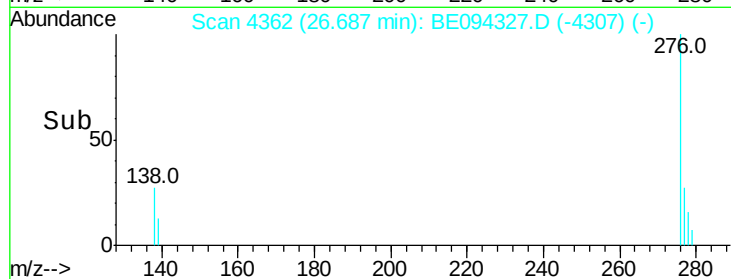
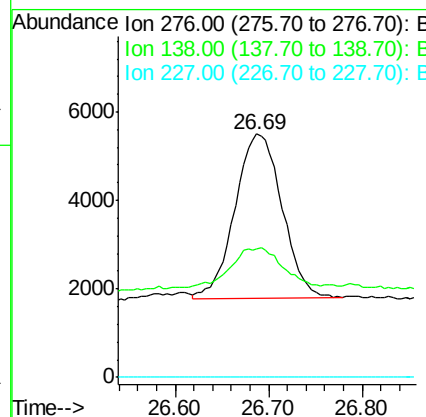
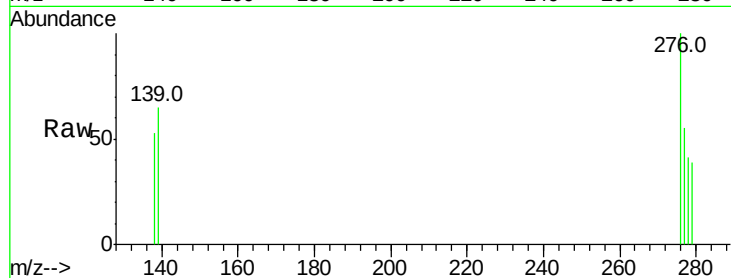


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.541 ng/ul
RT: 26.69 min Scan# 4362
Delta R.T. 0.05 min
Lab File: BE094327.D
Acq: 13 Oct 2017 16:31

Instrument :
BNA_E
ClientSampleId :

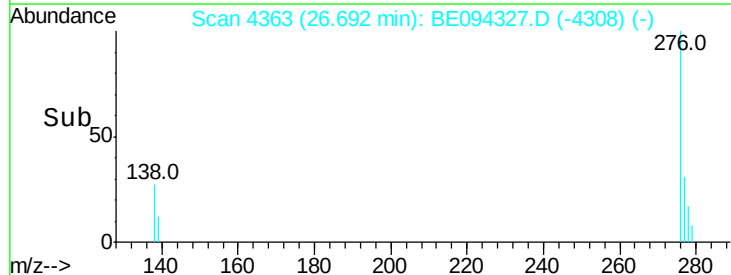
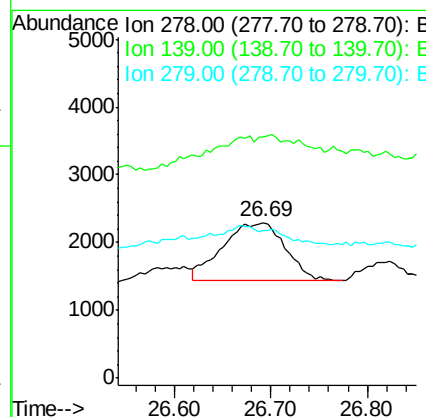
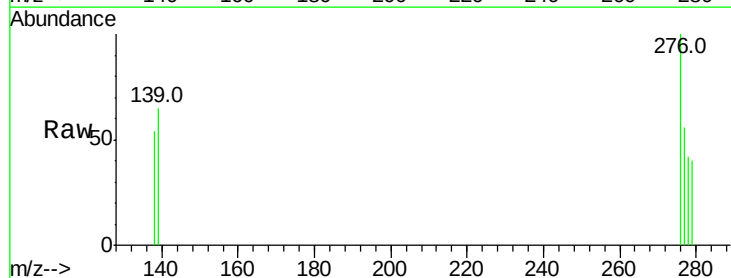
Tot Ion:276 Resp: 12978
Ion Ratio Lower Upper
276 100
138 31.4 28.0 42.0
227 0.0 8.0 12.0#

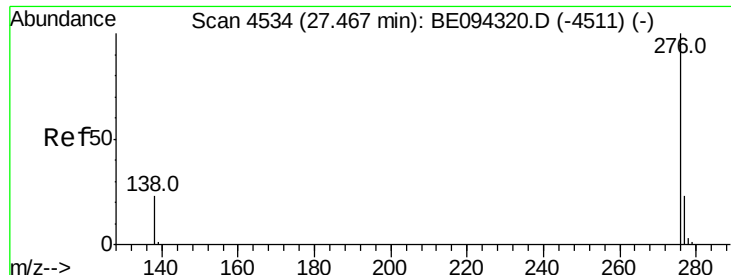


#25

Dibenzo(a,h)anthracene
Concen: 0.191 ng/ul
RT: 26.69 min Scan# 4363
Delta R.T. 0.05 min
Lab File: BE094327.D
Acq: 13 Oct 2017 16:31

Tgt Ion:278 Resp: 3847
Ion Ratio Lower Upper
278 100
139 155.2 17.4 26.0#
279 94.8 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.671 ng/ul

RT: 27.53 min Scan# 4547

Delta R.T. 0.06 min

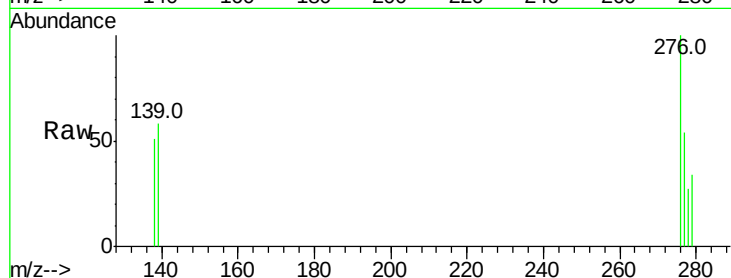
Lab File: BE094327.D

Acq: 13 Oct 2017 16:31

Instrument :

BNA_E

ClientSampleId :



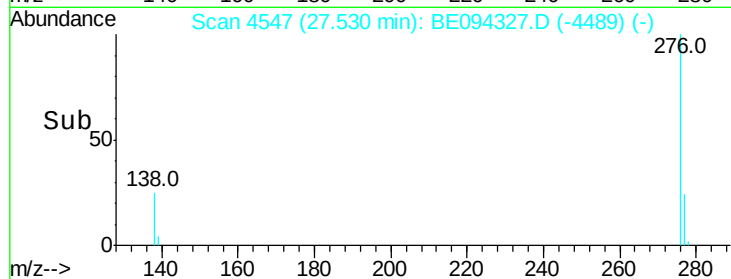
Tot Ion:276 Resp: 13879

Ion Ratio Lower Upper

276 100

138 51.5 21.8 32.8#

277 54.3 20.5 30.7#



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

