

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 20 08:50:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

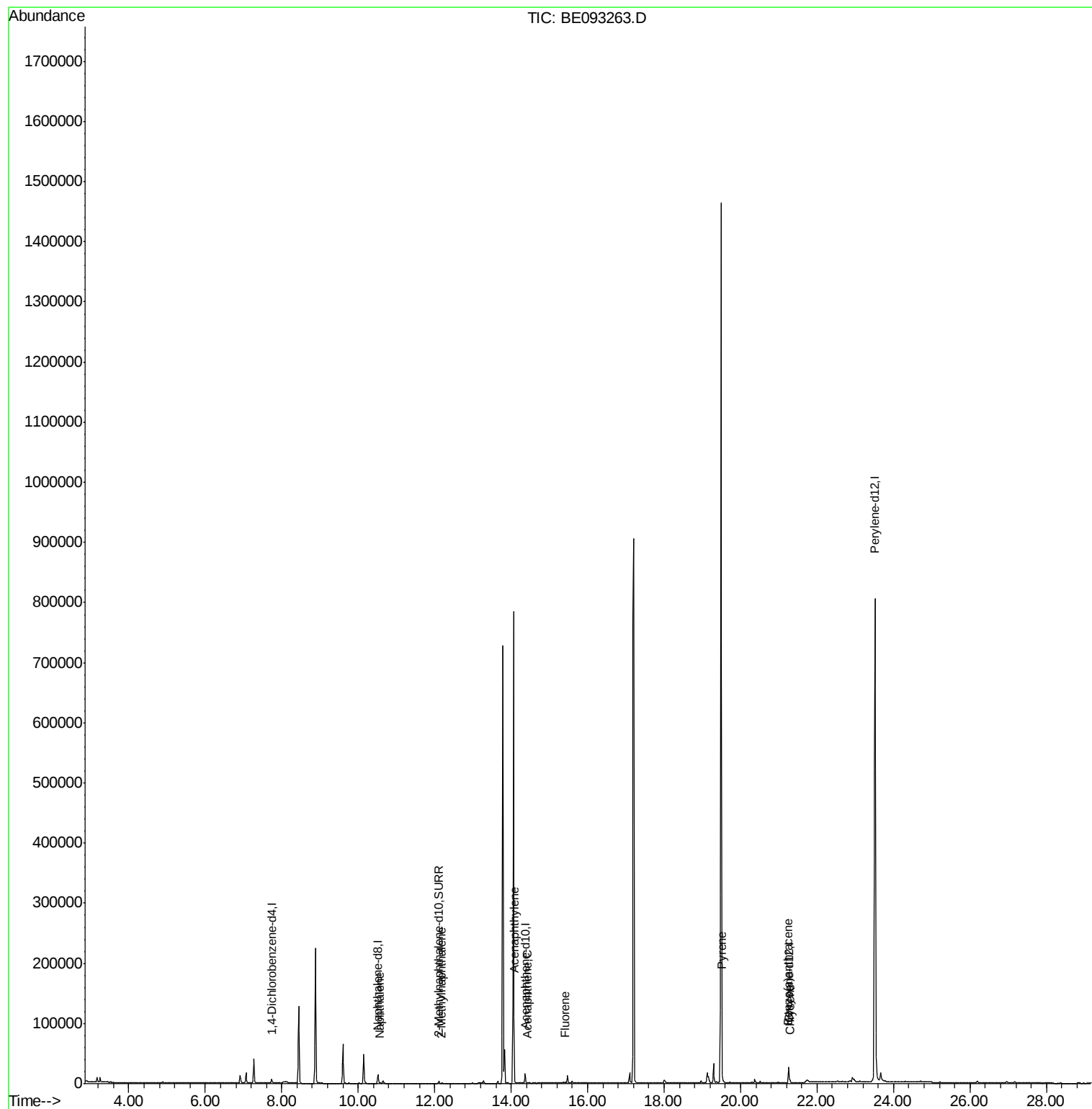
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2809	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14479	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	9025	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.10
16) Chrysene-d12	21.26	240	21257	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1156209	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	6164	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	18006	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.57	128	1091	0.03	ng/ul#	83
5) 2-Methylnaphthalene	12.18	142	733	0.03	ng/ul	95
7) Acenaphthylene	14.09	152	1994	0.05	ng/ul	93
8) Acenaphthene	14.42	153	638	0.02	ng/ul#	92
9) Fluorene	15.42	166	1014	0.03	ng/ul#	92
17) Pyrene	19.52	202	13688	0.22	ng/ul#	90
18) Benzo(a)anthracene	21.24	228	4839	0.09	ng/ul#	90
19) Chrysene	21.29	228	6159	0.10	ng/ul#	90

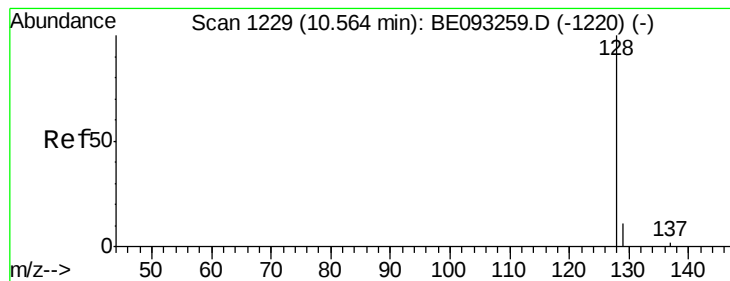
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093263.D

Acq: 19 Jun 2017 22:50

Instrument :

BNA_E

ClientSampleId :

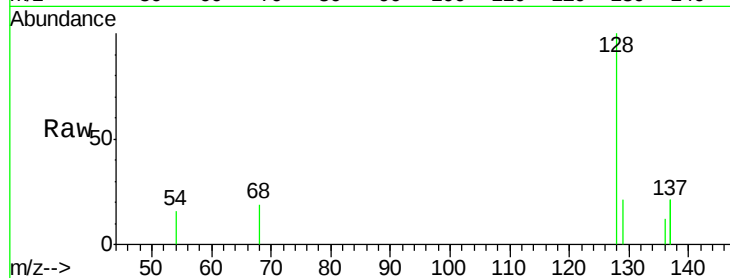
Tot Ion:128 Resp: 1091

Ion Ratio Lower Upper

128 100

129 21.4 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

10.57

800

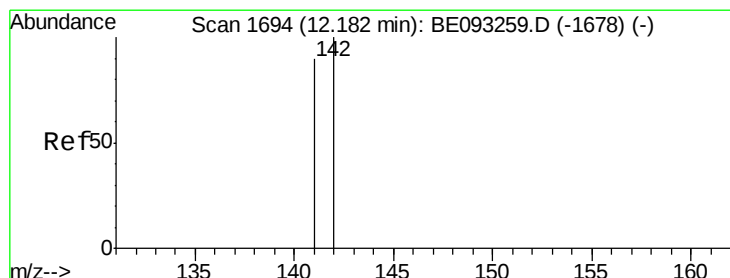
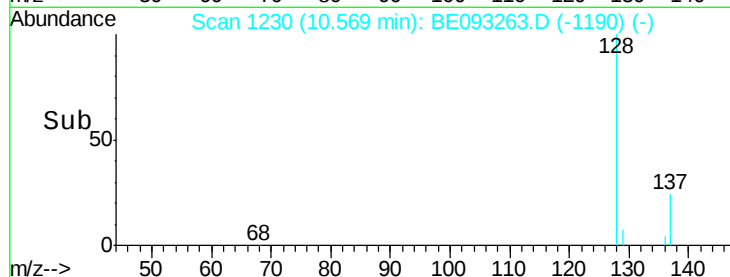
600

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.03 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE093263.D

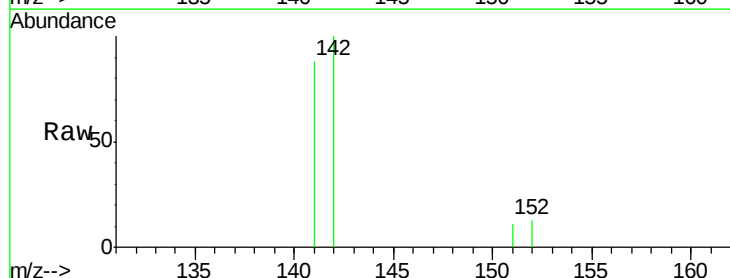
Acq: 19 Jun 2017 22:50

Tgt Ion:142 Resp: 733

Ion Ratio Lower Upper

142 100

141 86.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.18

600

500

400

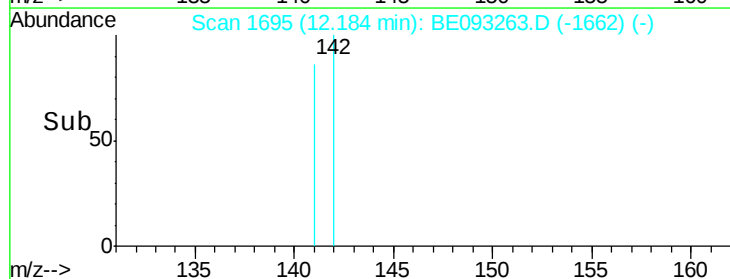
300

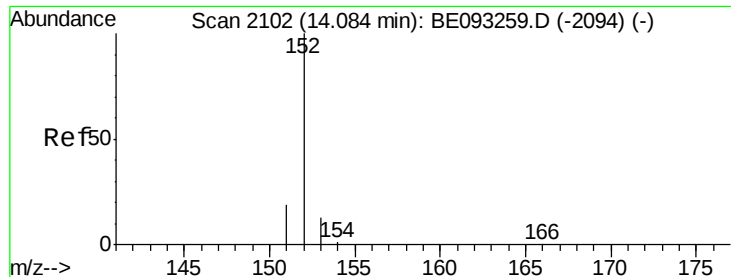
200

100

0

Time-->





#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093263.D

Acq: 19 Jun 2017 22:50

Instrument :

BNA_E

ClientSampleId :

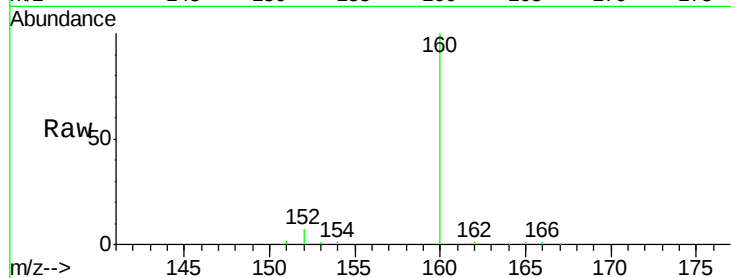
Tot Ion:152 Resp: 1994

Ion Ratio Lower Upper

152 100

151 25.5 17.1 25.7

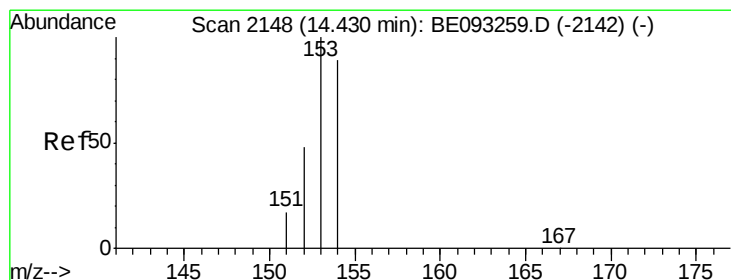
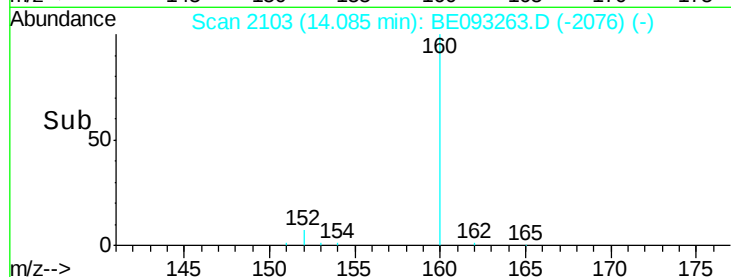
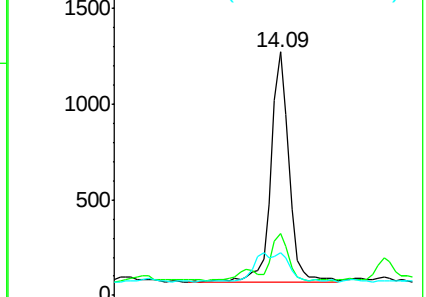
153 17.6 12.8 19.2



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: 0.02 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BE093263.D

Acq: 19 Jun 2017 22:50

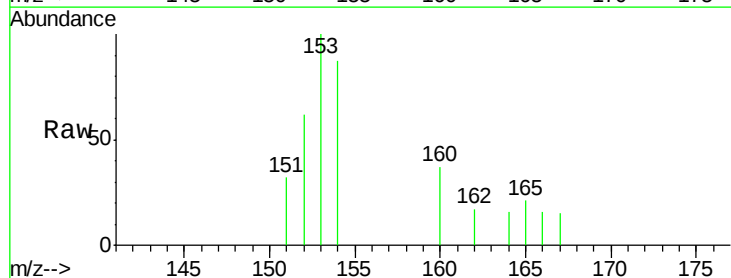
Tgt Ion:153 Resp: 638

Ion Ratio Lower Upper

153 100

152 61.5 40.3 60.5#

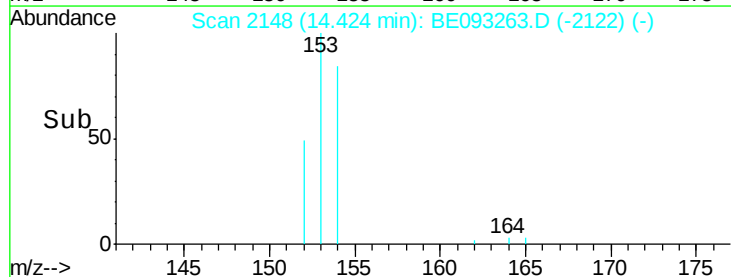
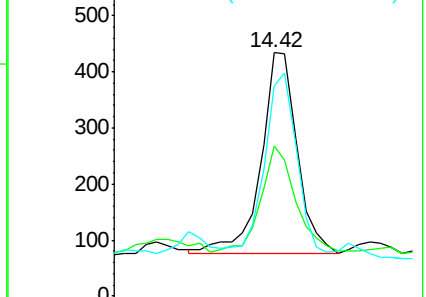
154 86.6 71.4 107.2

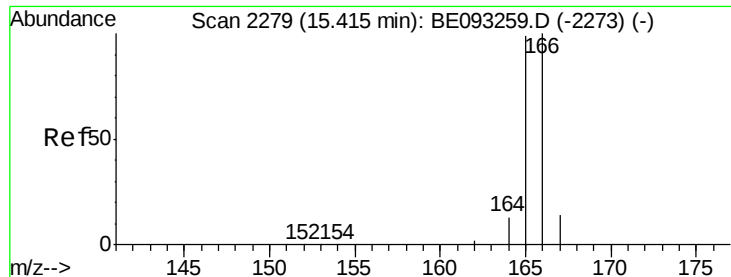


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093263.D

Acq: 19 Jun 2017 22:50

Instrument :

BNA_E

ClientSampleId :

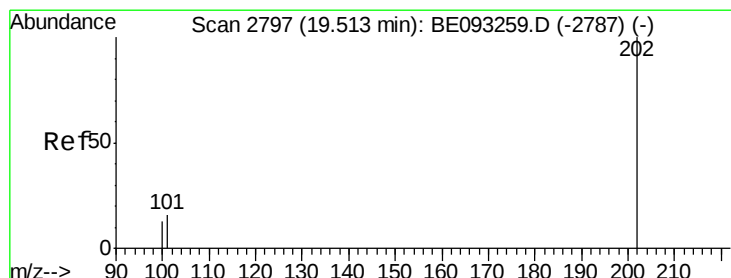
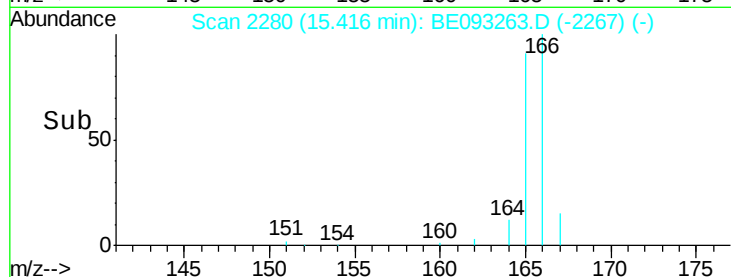
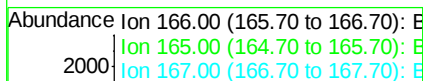
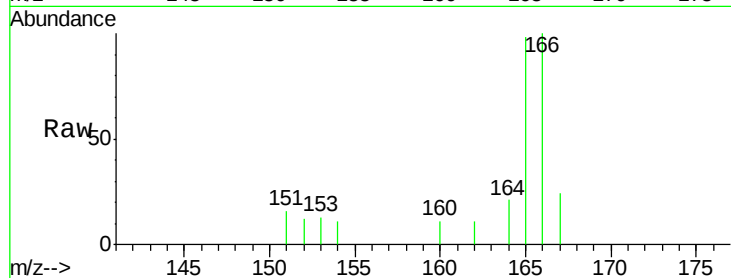
Tot Ion:166 Resp: 1014

Ion Ratio Lower Upper

166 100

165 98.0 73.4 110.2

167 24.2 14.6 22.0#



#17

Pyrene

Concen: 0.22 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BE093263.D

Acq: 19 Jun 2017 22:50

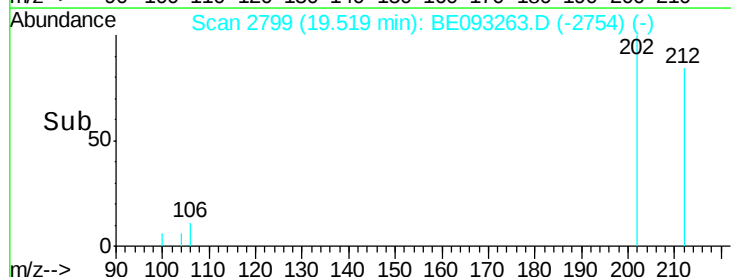
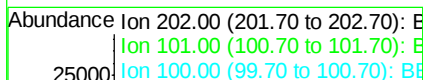
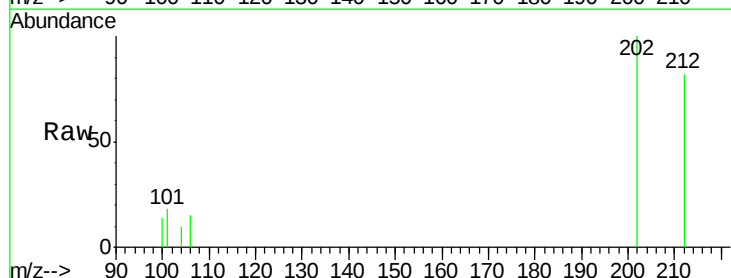
Tgt Ion:202 Resp: 13688

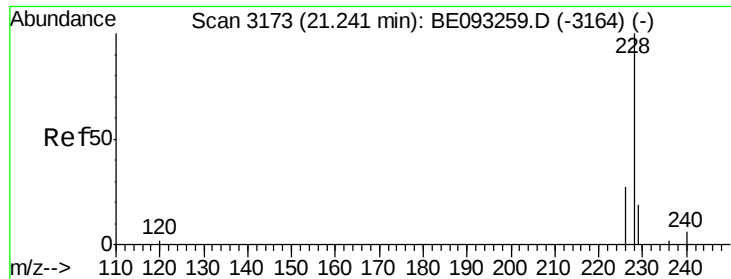
Ion Ratio Lower Upper

202 100

101 18.5 18.2 27.4

100 14.3 15.6 23.4#

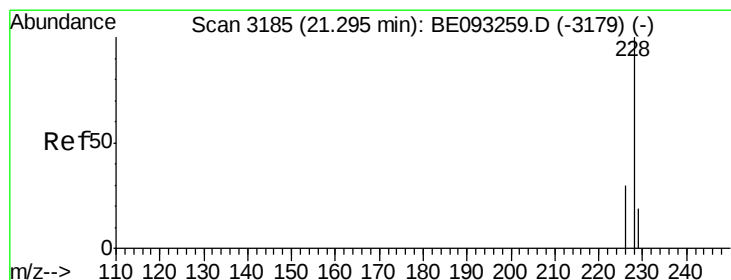
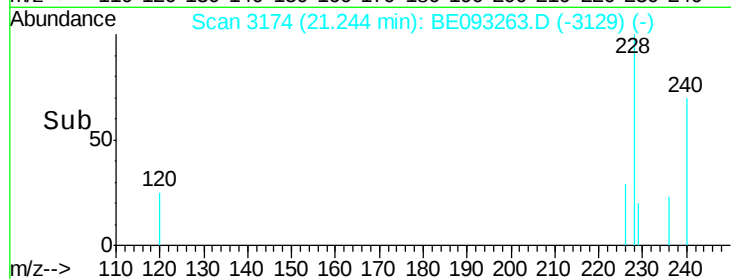
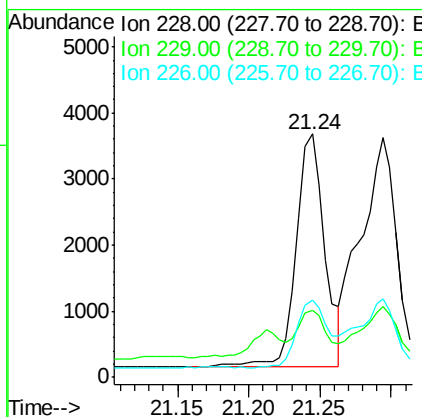
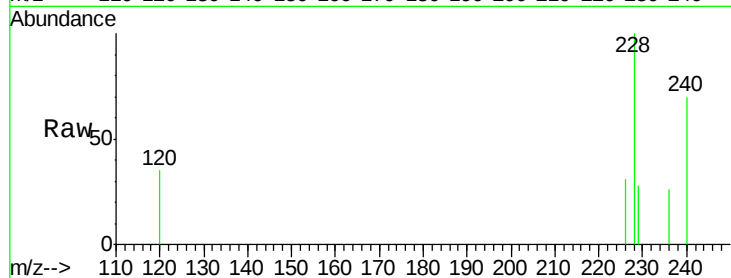




#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 4839
Ion Ratio Lower Upper
228 100
229 27.7 22.8 34.2
226 31.5 17.0 25.6#



#19
Chrysene
Concen: 0.10 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:228 Resp: 6159
Ion Ratio Lower Upper
228 100
226 32.8 23.4 35.0
229 29.5 17.7 26.5#

