

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094250.D
 Acq On : 10 Oct 2017 12:27
 Operator : SJ/JU
 Sample : I5522-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 11 06:37:23 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 06:34:16 2017
 Response via : Initial Calibration

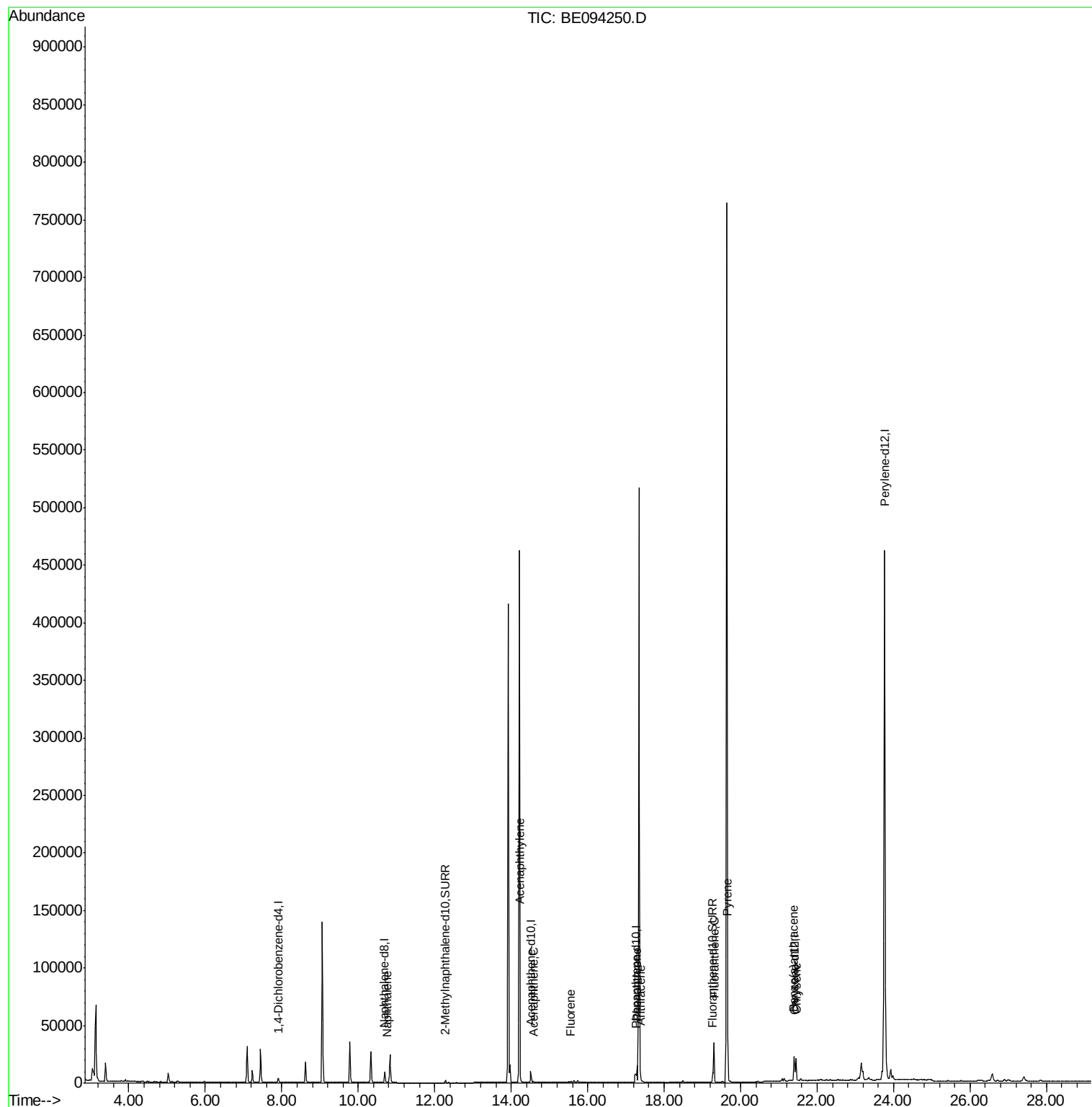
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1831	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9579	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5927	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12327	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	12542	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	680447	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3684	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9281	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	941	0.040	ng/ul#	85
7) Acenaphthylene	14.24	152	496	0.021	ng/ul#	61
8) Acenaphthene	14.58	153	764	0.040	ng/ul	96
9) Fluorene	15.56	166	827	0.037	ng/ul#	89
12) Phenanthrene	17.29	178	16149	0.501	ng/ul#	92
13) Anthracene	17.38	178	3528	0.113	ng/ul	93
15) Fluoranthene	19.30	202	38191	0.902	ng/ul	84
17) Pyrene	19.66	202	35156	1.007	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	17604	0.529	ng/ul#	88
19) Chrysene	21.45	228	20219	0.526	ng/ul	97

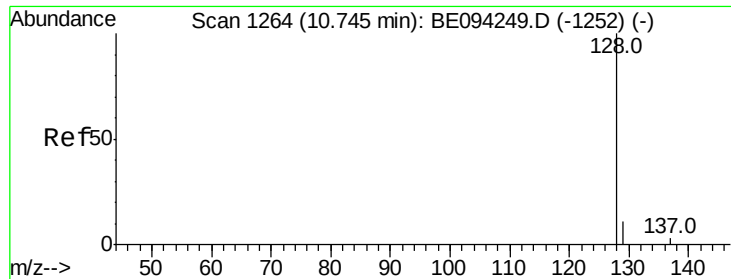
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

Instrument :

BNA_E

ClientSampleId :

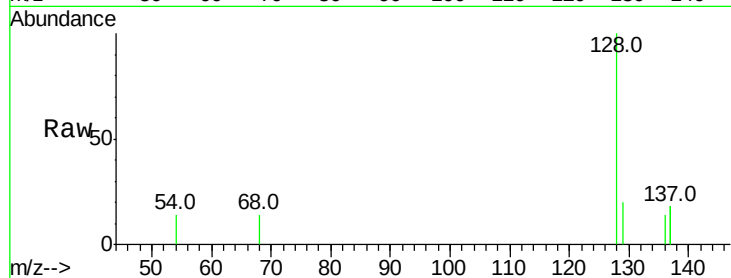
Tot Ion:128 Resp: 941

Ion Ratio Lower Upper

128 100

129 20.0 11.3 16.9#

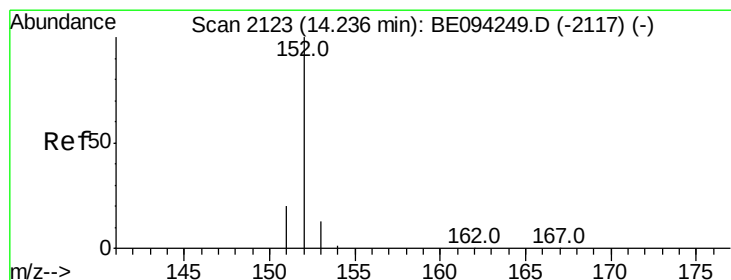
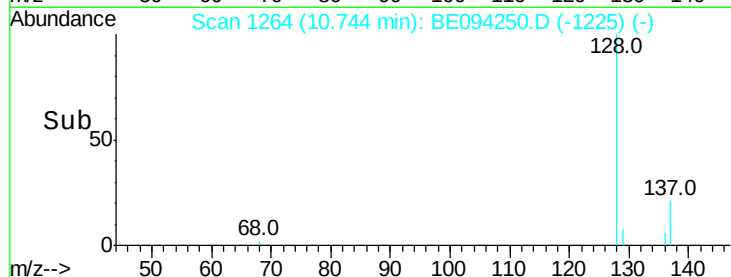
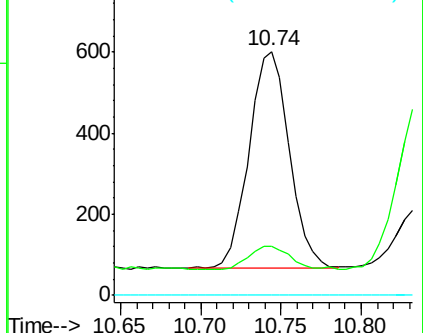
127 0.0 4.0 6.0#



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



#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

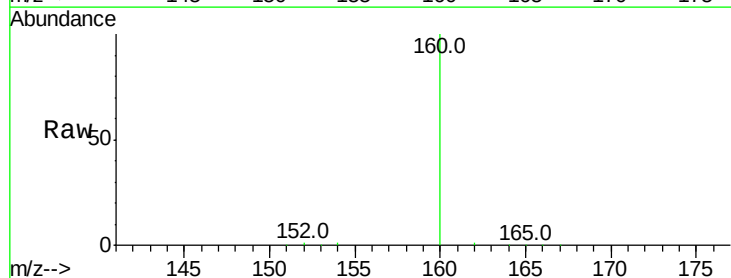
Tgt Ion:152 Resp: 496

Ion Ratio Lower Upper

152 100

151 38.9 17.1 25.7#

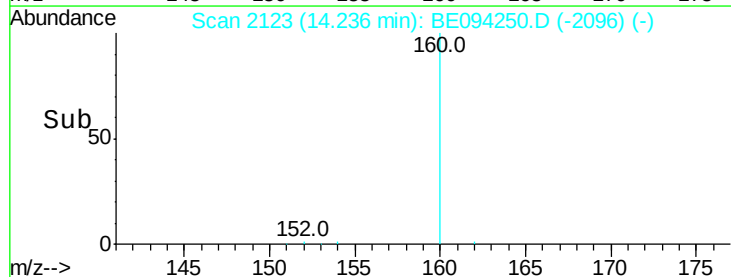
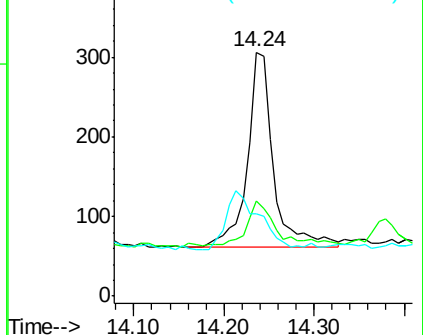
153 33.7 12.8 19.2#

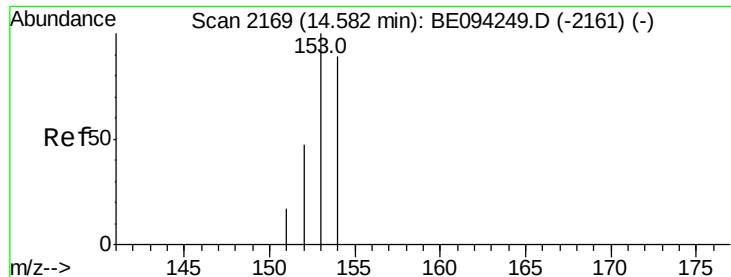


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.040 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

Instrument :

BNA_E

ClientSampleId :

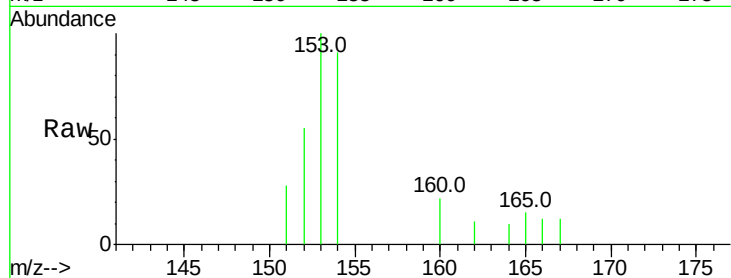
Tot Ion:153 Resp: 764

Ion Ratio Lower Upper

153 100

152 54.9 40.3 60.5

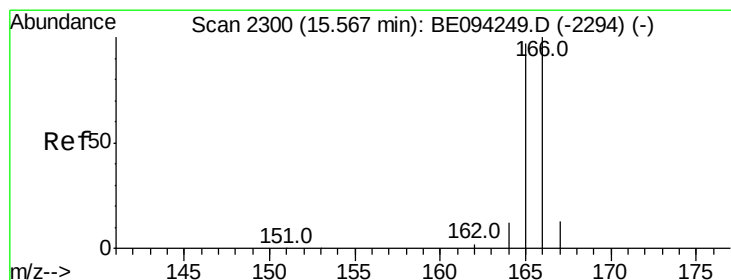
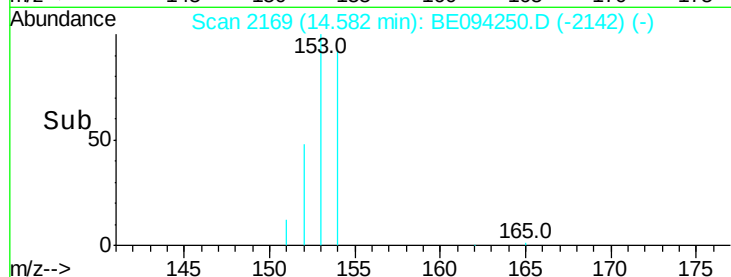
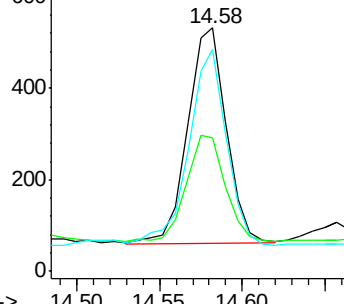
154 91.2 71.4 107.2



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: 0.037 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

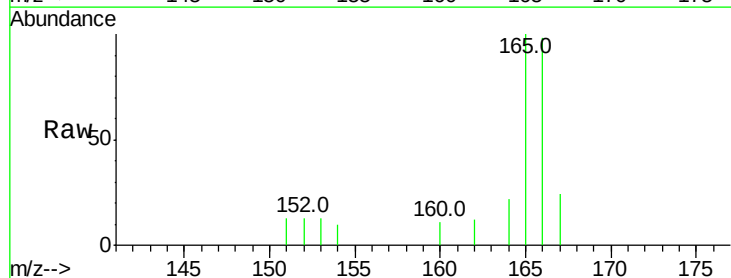
Tgt Ion:166 Resp: 827

Ion Ratio Lower Upper

166 100

165 102.1 73.4 110.2

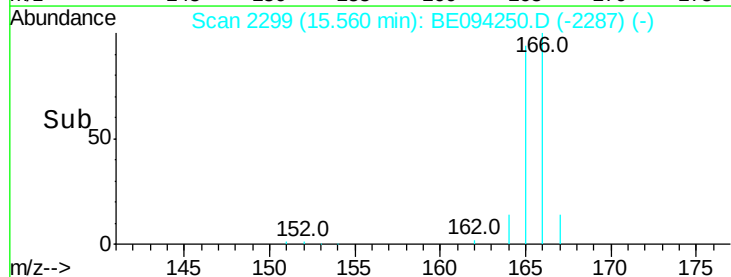
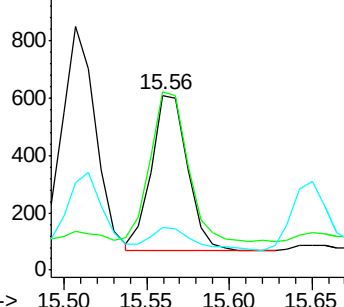
167 24.6 14.6 22.0#

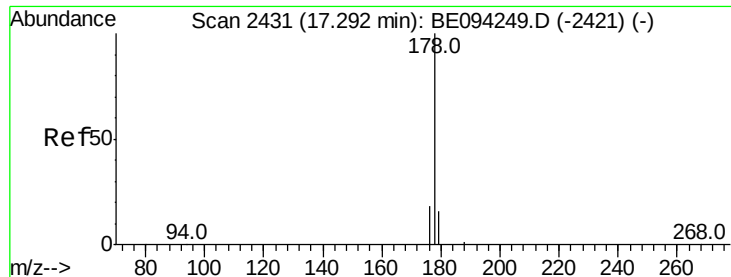


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.501 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

Instrument :

BNA_E

ClientSampleId :

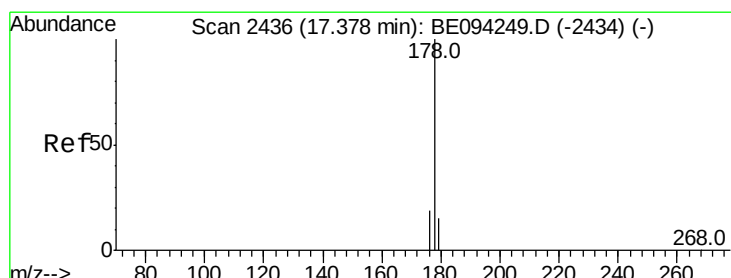
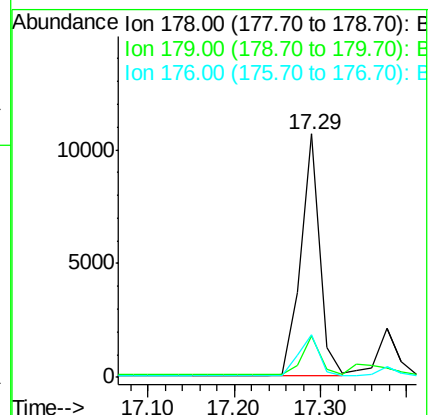
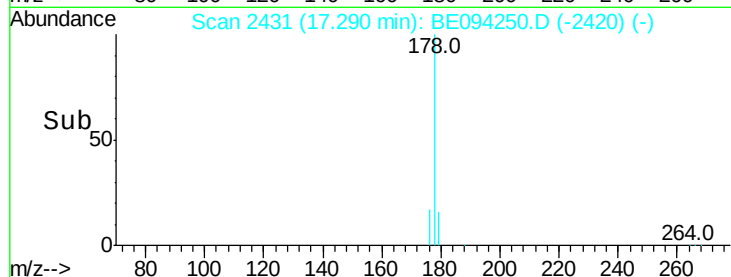
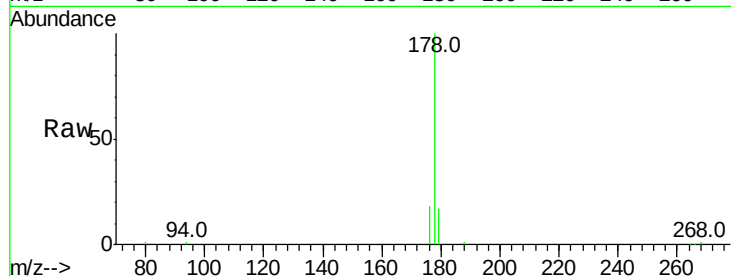
Tot Ion:178 Resp: 16149

Ion Ratio Lower Upper

178 100

179 16.8 18.4 27.6#

176 17.7 13.6 20.4



#13

Anthracene

Concen: 0.113 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

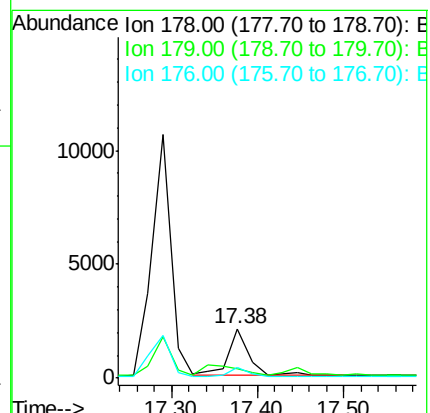
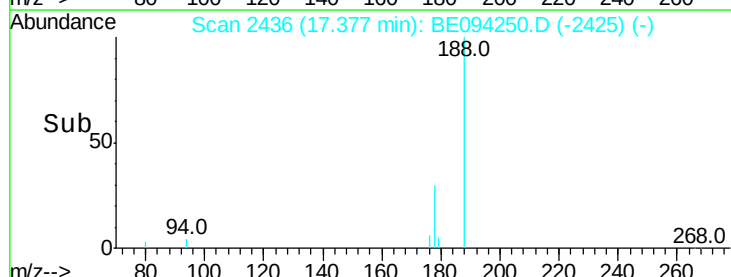
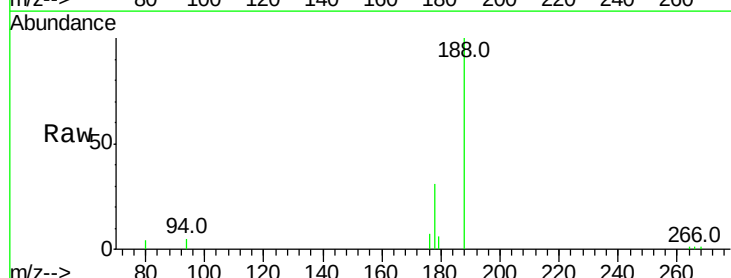
Tgt Ion:178 Resp: 3528

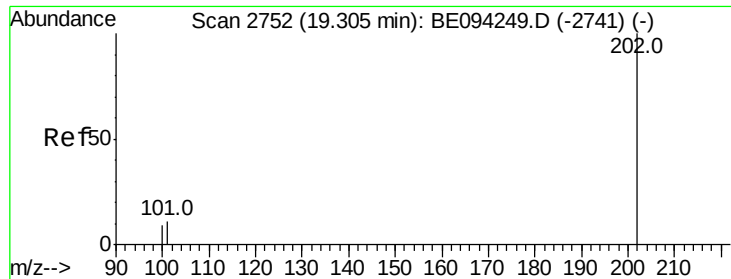
Ion Ratio Lower Upper

178 100

179 19.7 18.1 27.1

176 21.7 14.7 22.1





#15

Fluoranthene

Concen: 0.902 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE094250.D

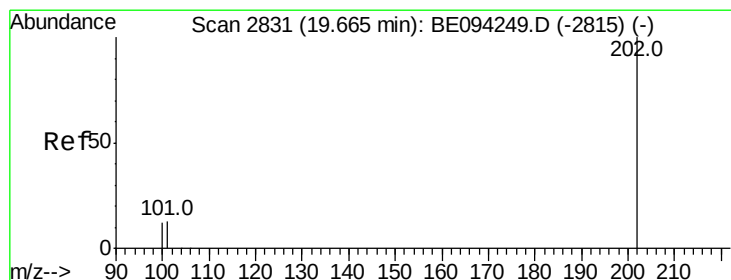
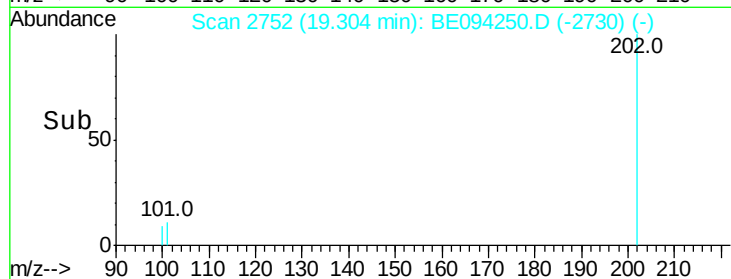
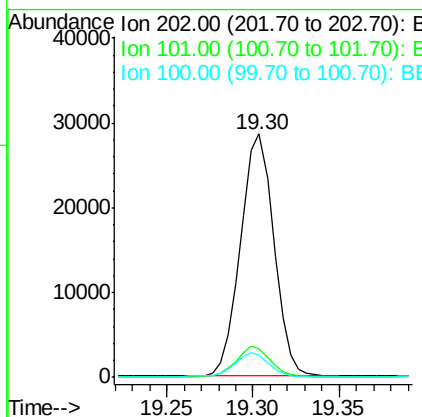
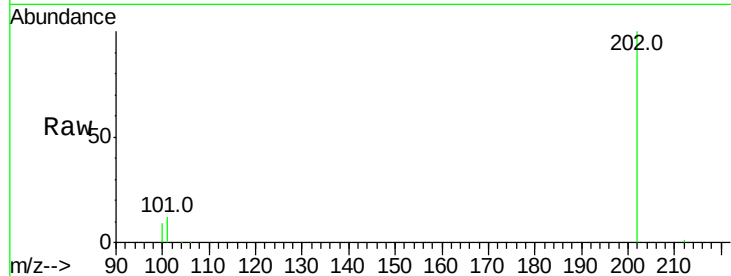
Acq: 10 Oct 2017 12:27

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	38191
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.0	0.0	39.5



#17

Pyrene

Concen: 1.007 ng/ul

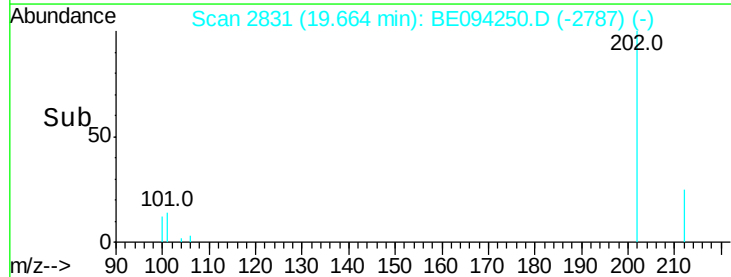
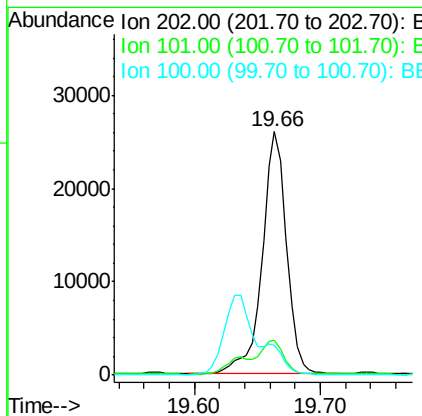
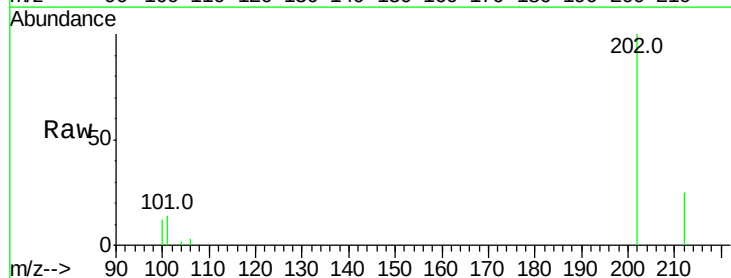
RT: 19.66 min Scan# 2831

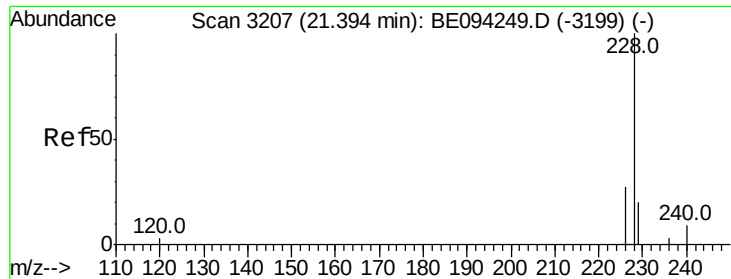
Delta R.T. -0.00 min

Lab File: BE094250.D

Acq: 10 Oct 2017 12:27

Tgt Ion:	202	Resp:	35156
Ion	Ratio	Lower	Upper
202	100		
101	14.3	18.2	27.4#
100	12.4	15.6	23.4#

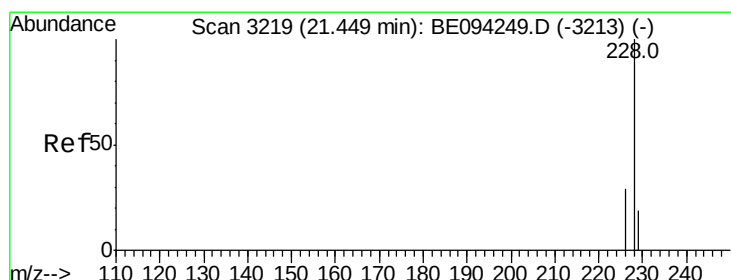
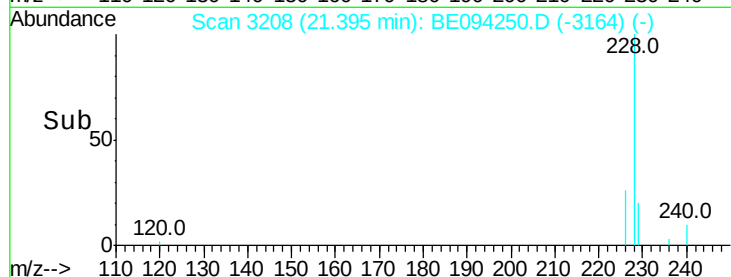
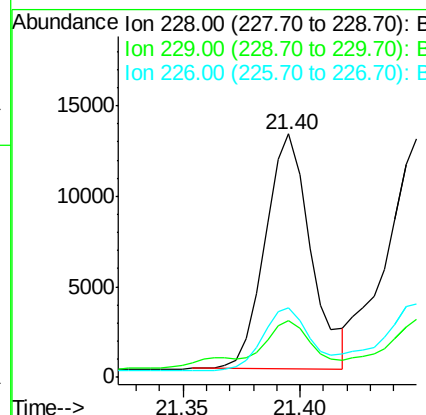
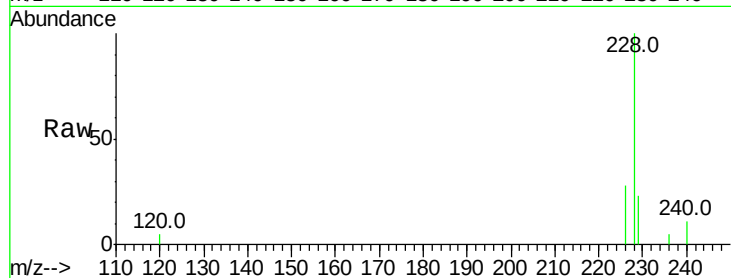




#18
Benzo(a)anthracene
Concen: 0.529 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE094250.D
Acq: 10 Oct 2017 12:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 17604
Ion Ratio Lower Upper
228 100
229 23.1 22.8 34.2
226 28.3 17.0 25.6#



#19
Chrysene
Concen: 0.526 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. 0.00 min
Lab File: BE094250.D
Acq: 10 Oct 2017 12:27

Tgt Ion:228 Resp: 20219
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.0
229 24.2 17.7 26.5

