

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094854.D
 Acq On : 23 Nov 2017 4:21
 Operator : SJ/JU
 Sample : I6496-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 22:26:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration

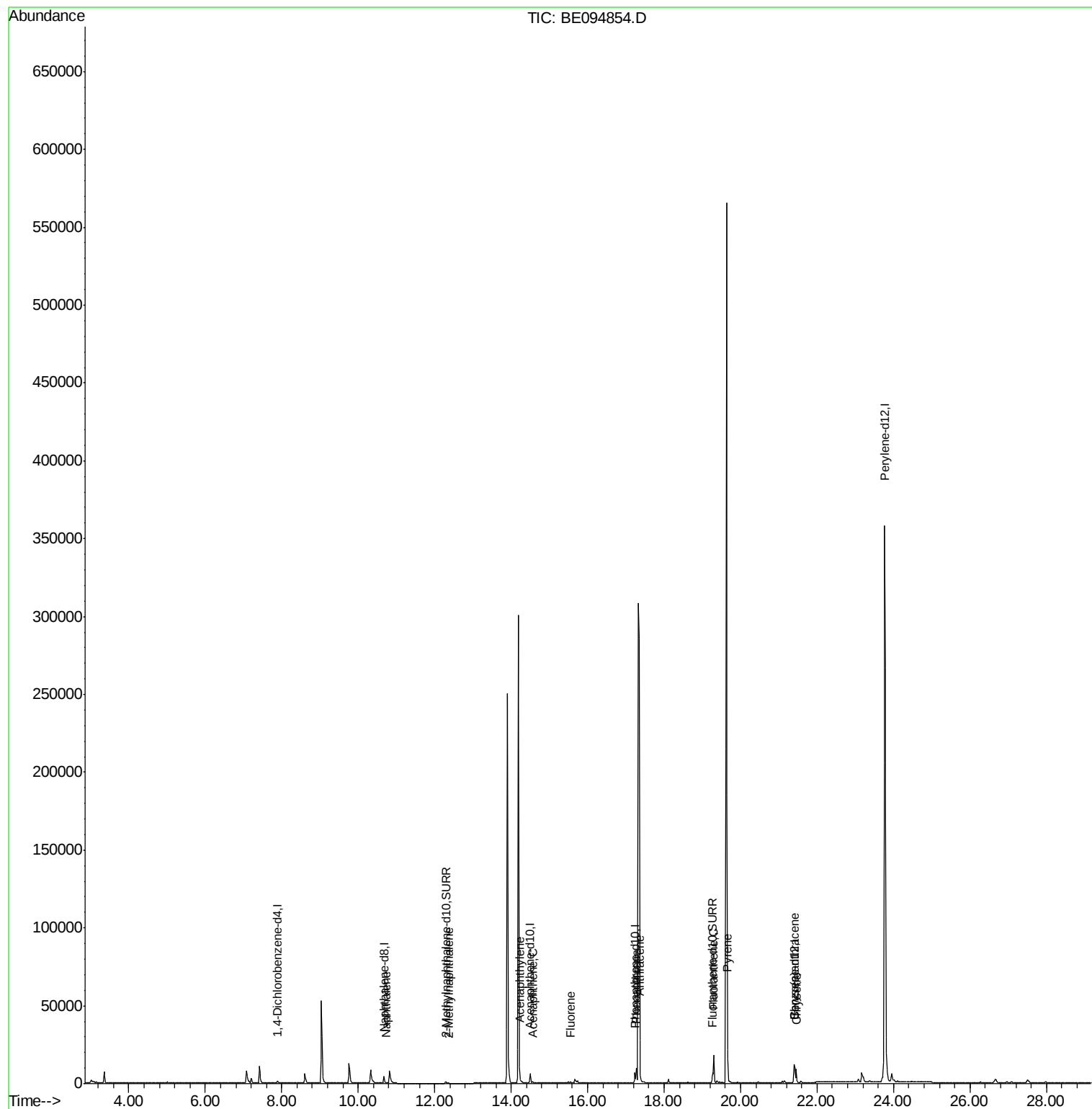
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	699	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.67	136	4966	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3539	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	8088	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8242	0.40	ng/ul	-0.01
20) Perylene-d12	23.77	264	411169	0.40	ng/ul	-0.19
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2156	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	7428	0.27	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.72	128	383	0.03	ng/ul#	61
5) 2-Methylnaphthalene	12.37	142	228	0.03	ng/ul	92
7) Acenaphthylene	14.23	152	448	0.03	ng/ul#	66
8) Acenaphthene	14.56	153	362	0.03	ng/ul#	86
9) Fluorene	15.55	166	480	0.03	ng/ul#	87
12) Phenanthrene	17.27	178	10248	0.47	ng/ul#	90
13) Anthracene	17.36	178	2300	0.10	ng/ul#	92
15) Fluoranthene	19.30	202	21154	0.74	ng/ul	83
17) Pyrene	19.66	202	20530	0.80	ng/ul#	78
18) Benzo(a)anthracene	21.40	228	9811	0.39	ng/ul#	87
19) Chrysene	21.46	228	8826	0.35	ng/ul	98

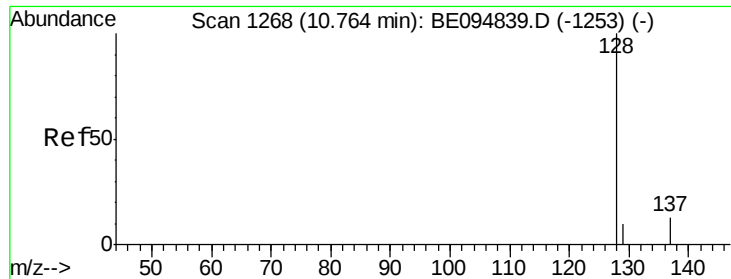
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.72 min Scan# 1259

Delta R.T. -0.04 min

Lab File: BE094854.D

Acq: 23 Nov 2017 4:21

Instrument :

BNA_E

ClientSampleId :

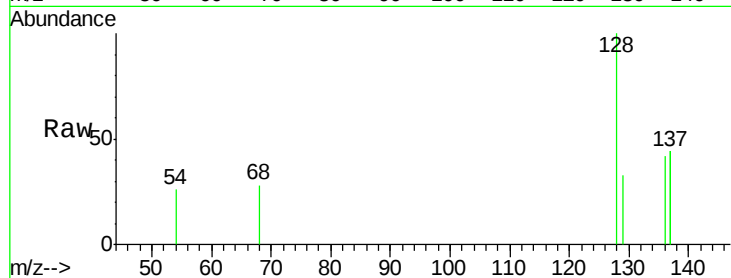
Tot Ion:128 Resp: 383

Ion Ratio Lower Upper

128 100

129 33.3 11.3 16.9#

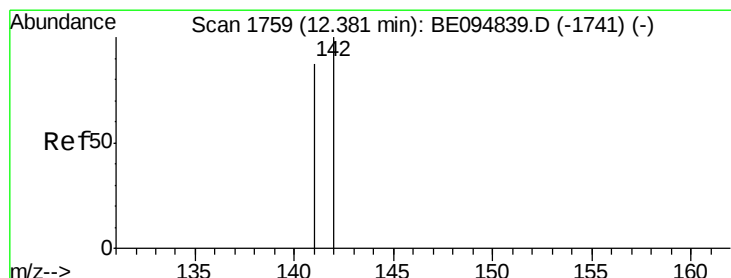
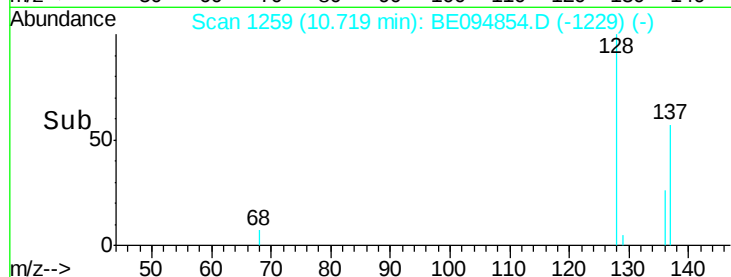
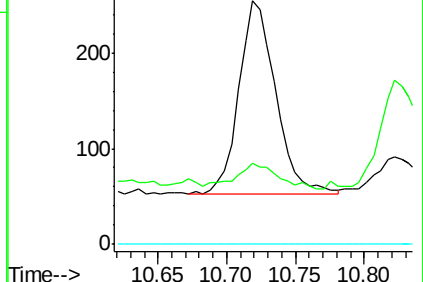
127 0.0 4.0 6.0#



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: 0.03 ng/ul

RT: 12.37 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BE094854.D

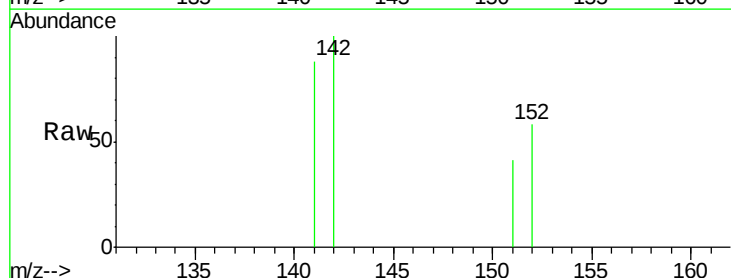
Acq: 23 Nov 2017 4:21

Tgt Ion:142 Resp: 228

Ion Ratio Lower Upper

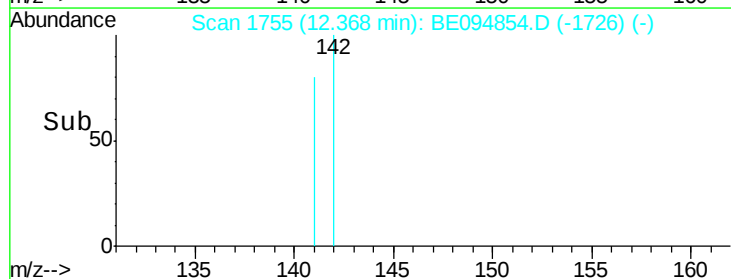
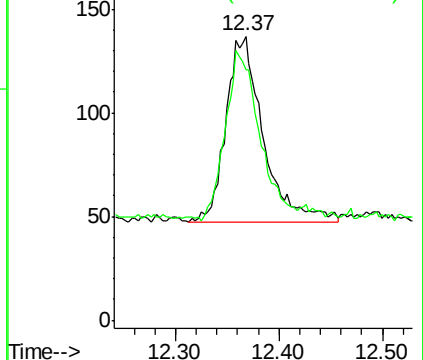
142 100

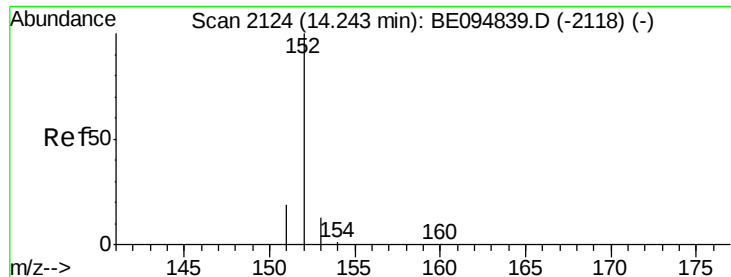
141 83.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BE094854.D

Acq: 23 Nov 2017 4:21

Instrument :

BNA_E

ClientSampleId :

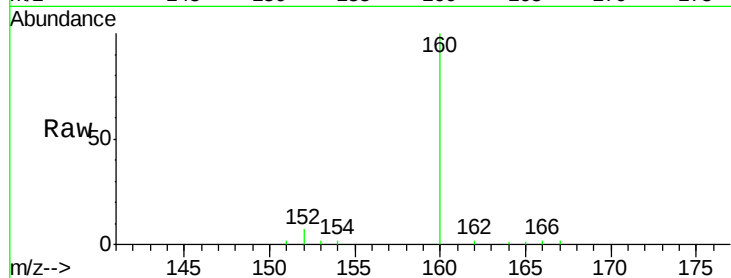
Tot Ion:152 Resp: 448

Ion Ratio Lower Upper

152 100

151 36.1 17.1 25.7#

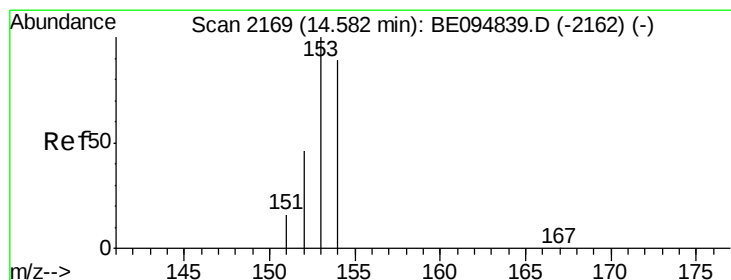
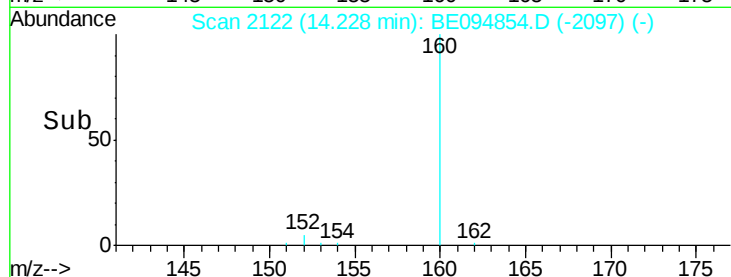
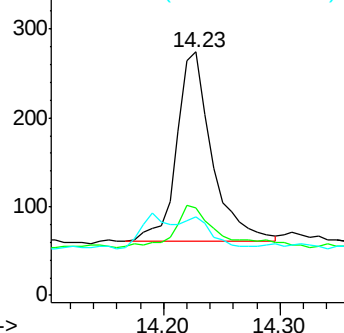
153 32.5 12.8 19.2#



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: 0.03 ng/ul

RT: 14.56 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BE094854.D

Acq: 23 Nov 2017 4:21

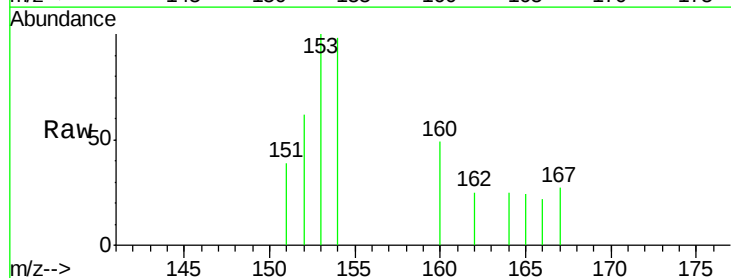
Tgt Ion:153 Resp: 362

Ion Ratio Lower Upper

153 100

152 62.2 36.0 54.0#

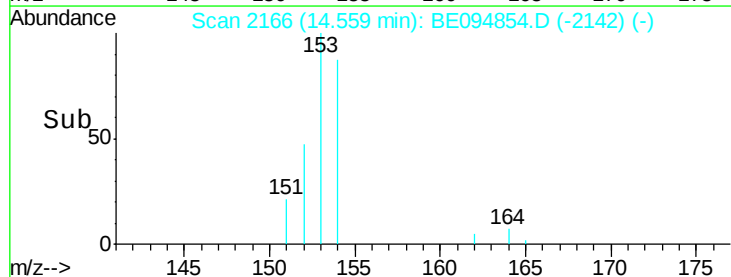
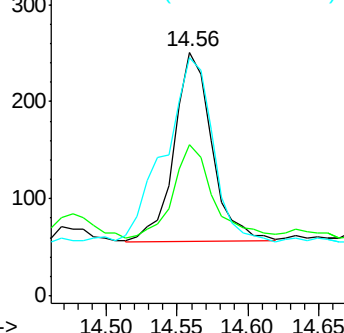
154 98.0 72.0 108.0

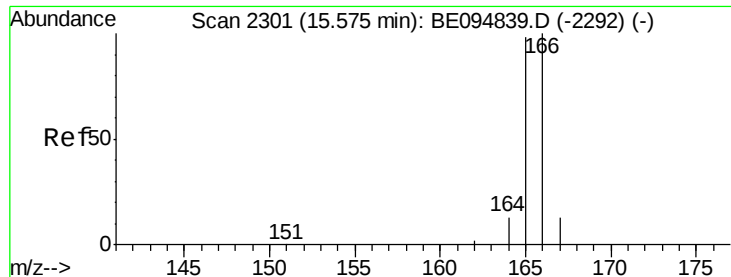


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.55 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BE094854.D

Acq: 23 Nov 2017 4:21

Instrument :

BNA_E

ClientSampleId :

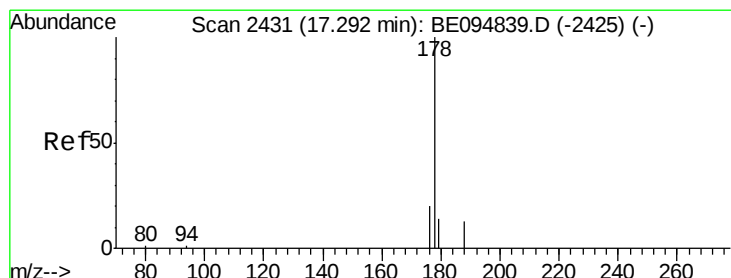
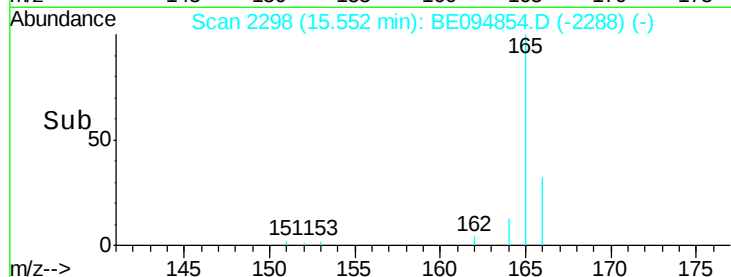
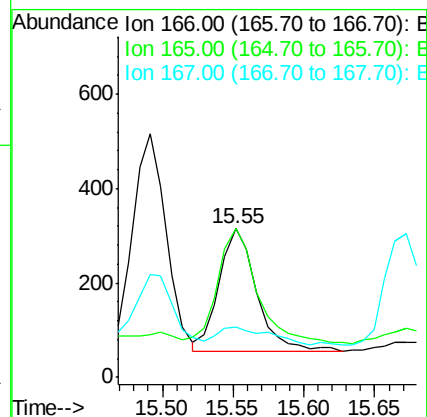
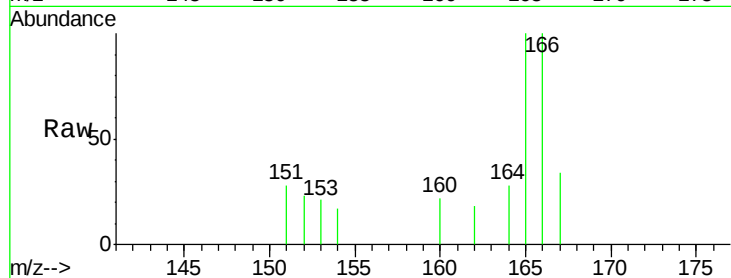
Tot Ion:166 Resp: 480

Ion Ratio Lower Upper

166 100

165 100.0 73.4 110.2

167 34.0 14.6 22.0#



#12

Phenanthrene

Concen: 0.47 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094854.D

Acq: 23 Nov 2017 4:21

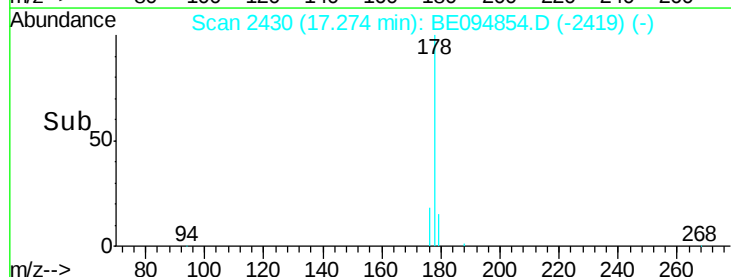
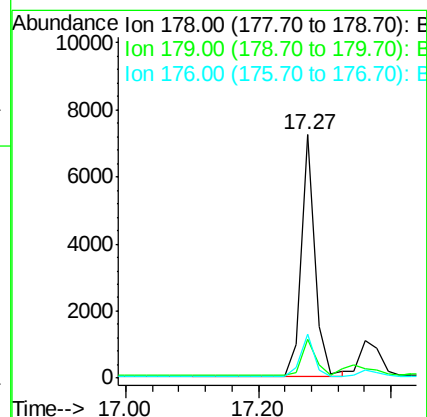
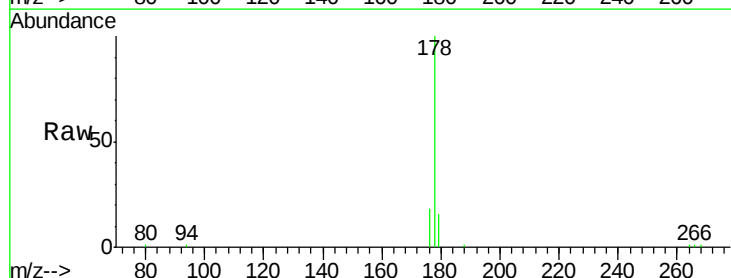
Tgt Ion:178 Resp: 10248

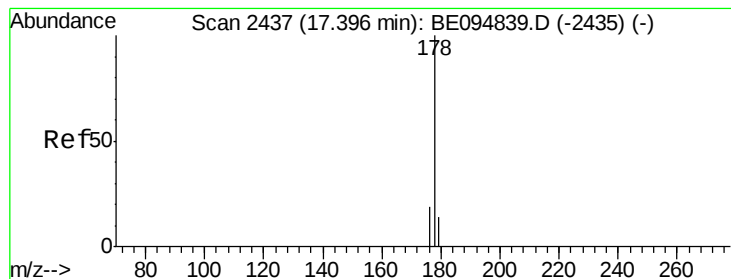
Ion Ratio Lower Upper

178 100

179 15.8 18.4 27.6#

176 18.2 13.6 20.4





#13

Anthracene

Concen: 0.10 ng/ul

RT: 17.36 min Scan# 2435

Delta R.T. -0.04 min

Lab File: BE094854.D

Acq: 23 Nov 2017 4:21

Instrument :

BNA_E

ClientSampleId :

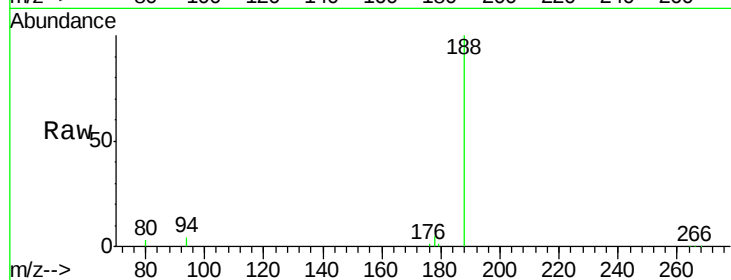
Tot Ion:178 Resp: 2300

Ion Ratio Lower Upper

178 100

179 26.0 18.1 27.1

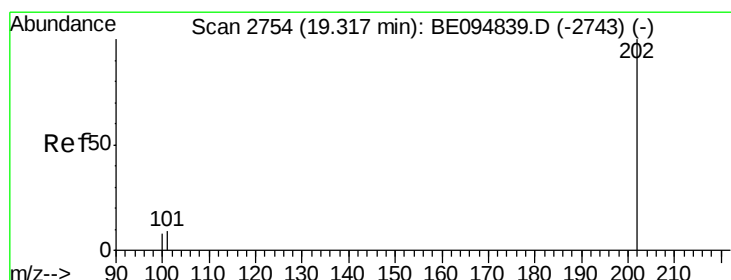
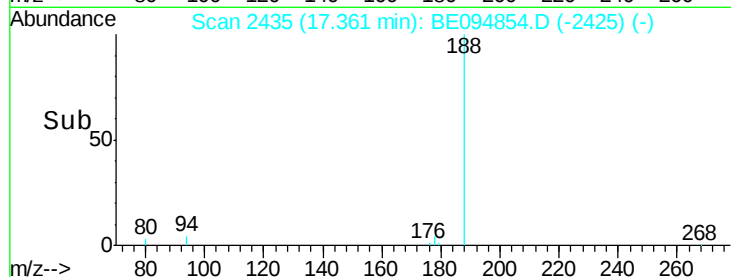
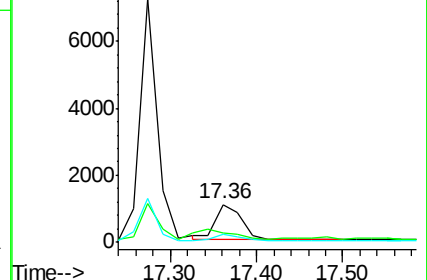
176 22.8 14.7 22.1#



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: 0.74 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.02 min

Lab File: BE094854.D

Acq: 23 Nov 2017 4:21

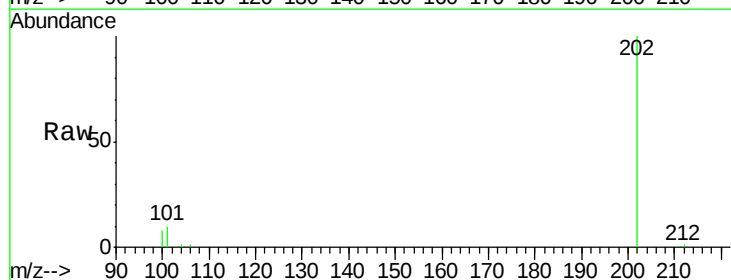
Tgt Ion:202 Resp: 21154

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.3

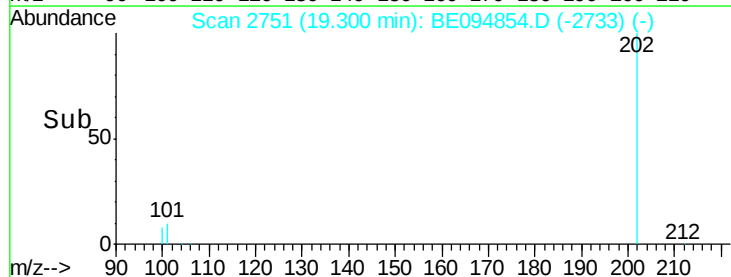
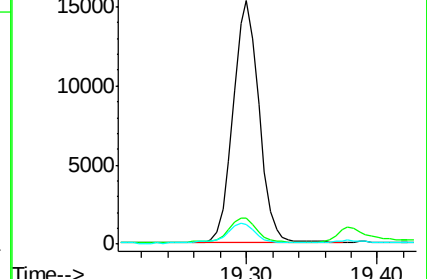
100 8.0 0.0 39.5

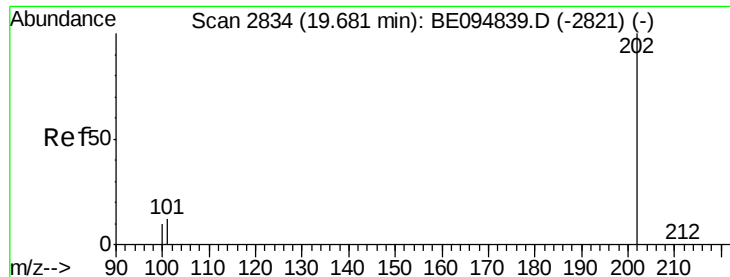


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.80 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BE094854.D

Acq: 23 Nov 2017 4:21

Instrument :

BNA_E

ClientSampleId :

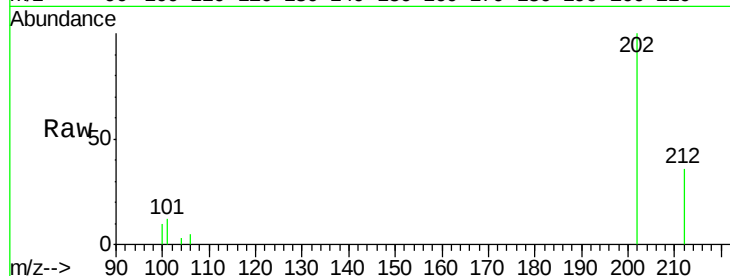
Tot Ion:202 Resp: 20530

Ion Ratio Lower Upper

202 100

101 11.8 18.2 27.4#

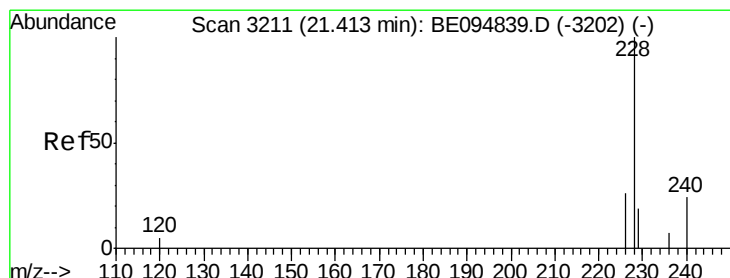
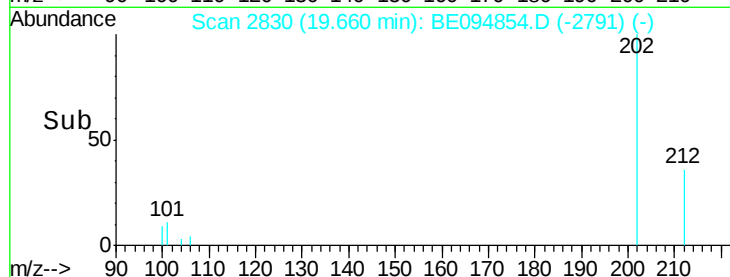
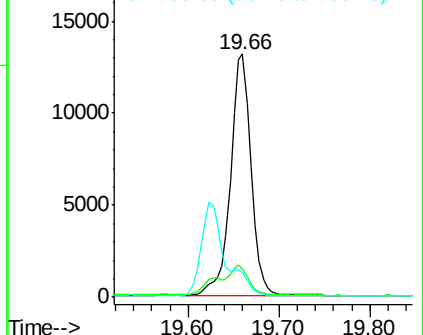
100 10.0 15.6 23.4#



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: 0.39 ng/ul

RT: 21.40 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BE094854.D

Acq: 23 Nov 2017 4:21

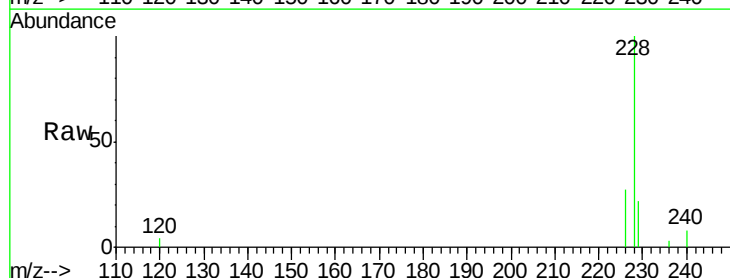
Tgt Ion:228 Resp: 9811

Ion Ratio Lower Upper

228 100

229 21.6 22.8 34.2#

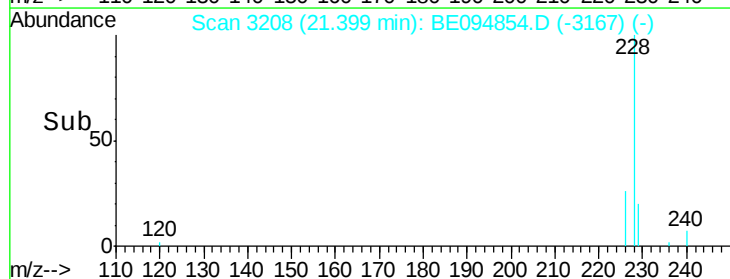
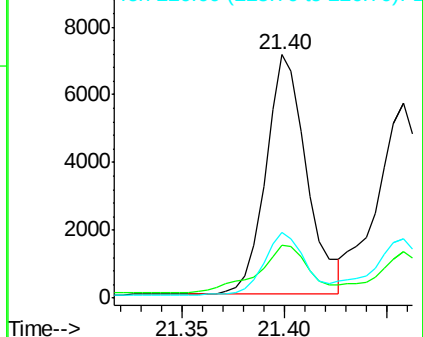
226 26.9 17.0 25.6#

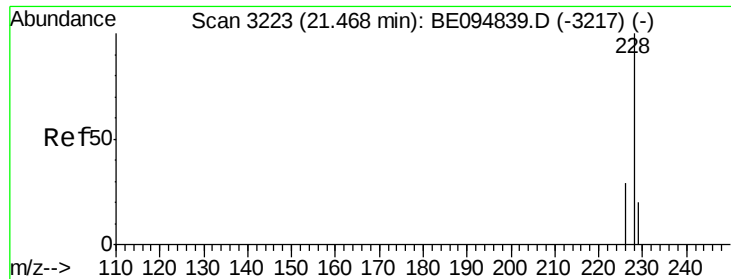


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19
 Chrvsene
 Concen: 0.35 ng/ul
 RT: 21.46 min Scan# 3221
 Delta R.T. -0.01 min
 Lab File: BE094854.D
 Acq: 23 Nov 2017 4:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:228 Resp: 8826
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.4 35.0
 229 23.6 17.7 26.5

