

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094221.D
 Acq On : 9 Oct 2017 15:16
 Operator : SJ/JU
 Sample : I5695-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 10 09:19:48 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 09:18:40 2017
 Response via : Initial Calibration

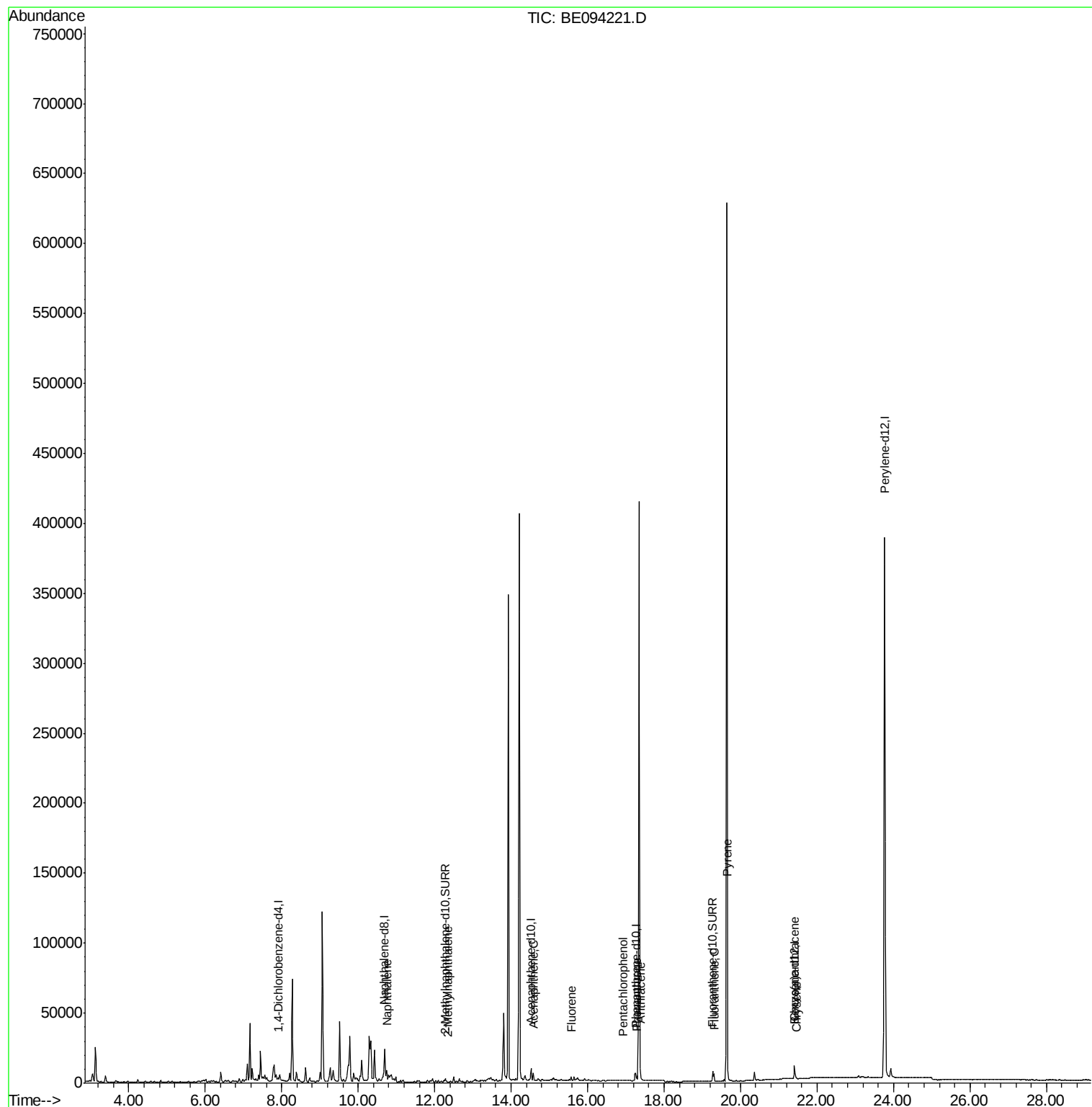
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1366	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7440	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6775	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9449	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	9065	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	529493	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3231	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	7880	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	4167	0.229	ng/ul#	1
5) 2-Methylnaphthalene	12.35	142	281	0.024	ng/ul	93
8) Acenaphthene	14.58	153	3318	0.153	ng/ul	96
9) Fluorene	15.57	166	1776	0.070	ng/ul#	89
11) Pentachlorophenol	16.93	266	29	0.026	ng/ul#	20
12) Phenanthrene	17.29	178	4131	0.167	ng/ul#	93
13) Anthracene	17.38	178	2029	0.084	ng/ul#	77
15) Fluoranthene	19.30	202	6172	0.190	ng/ul	83
17) Pyrene	19.66	202	6452	0.256	ng/ul#	90
18) Benzo(a)anthracene	21.40	228	1244	0.052	ng/ul#	26
19) Chrysene	21.45	228	1146	0.041	ng/ul#	26

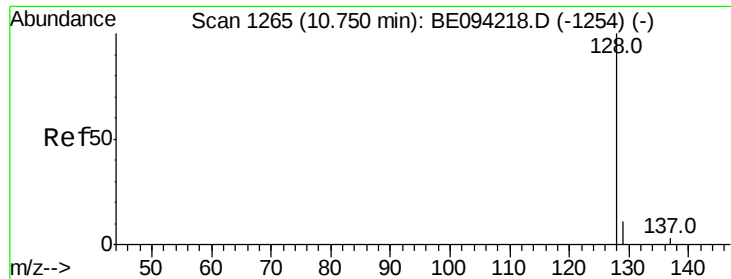
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.229 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094221.D

Acq: 9 Oct 2017 15:16

Instrument :

BNA_E

ClientSampleId :

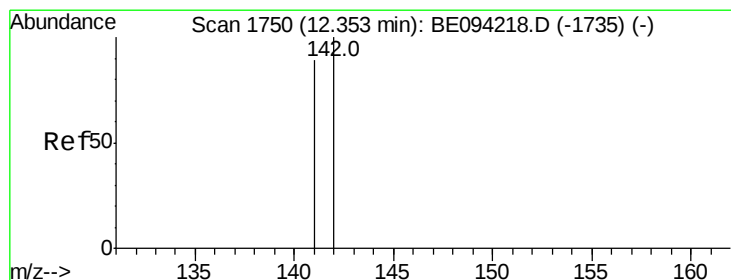
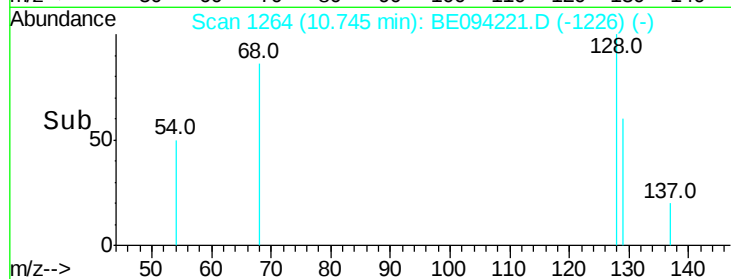
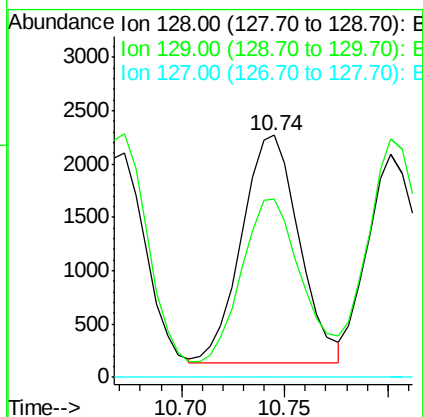
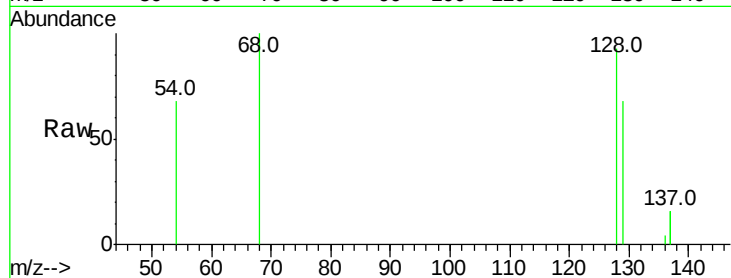
Tot Ion:128 Resp: 4167

Ion Ratio Lower Upper

128 100

129 73.5 11.3 16.9#

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BE094221.D

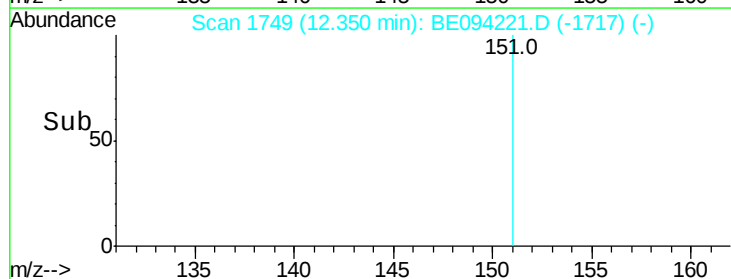
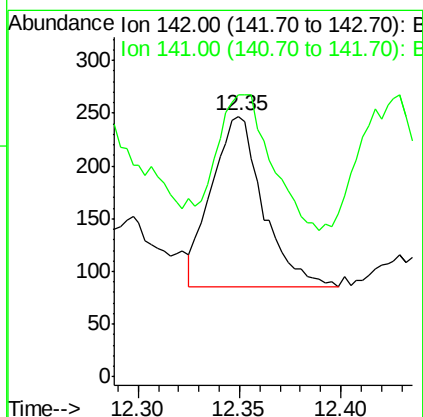
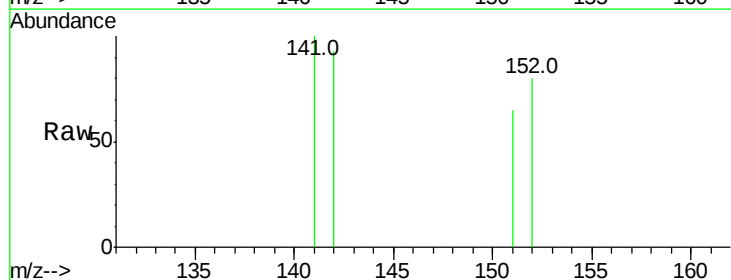
Acq: 9 Oct 2017 15:16

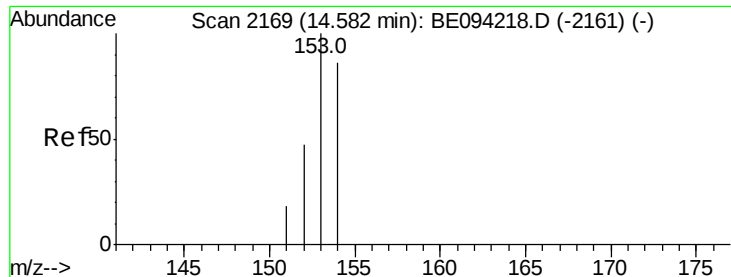
Tgt Ion:142 Resp: 281

Ion Ratio Lower Upper

142 100

141 84.3 72.6 108.8





#8

Acenaphthene

Concen: 0.153 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094221.D

Acq: 9 Oct 2017 15:16

Instrument :

BNA_E

ClientSampleId :

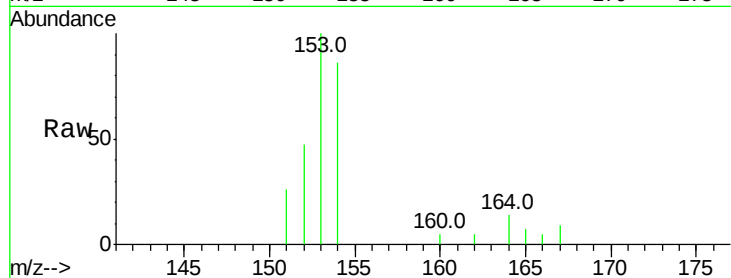
Tot Ion:153 Resp: 3318

Ion Ratio Lower Upper

153 100

152 46.9 40.3 60.5

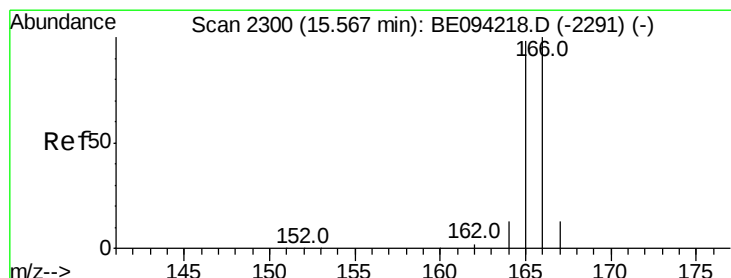
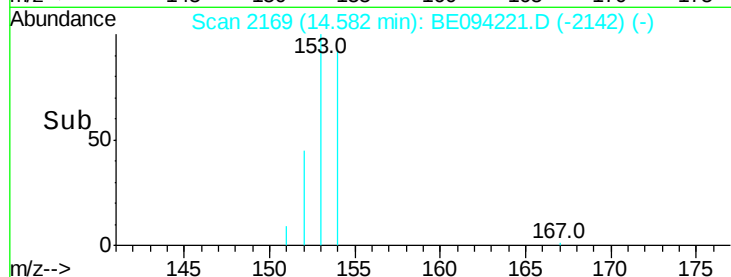
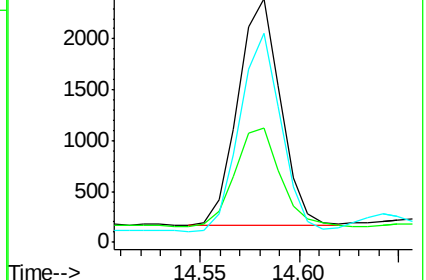
154 85.8 71.4 107.2



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



#9

Fluorene

Concen: 0.070 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE094221.D

Acq: 9 Oct 2017 15:16

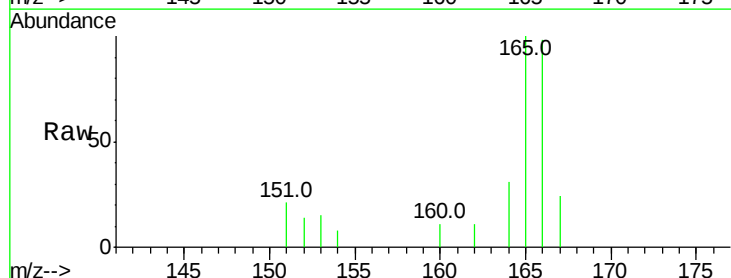
Tgt Ion:166 Resp: 1776

Ion Ratio Lower Upper

166 100

165 102.1 73.4 110.2

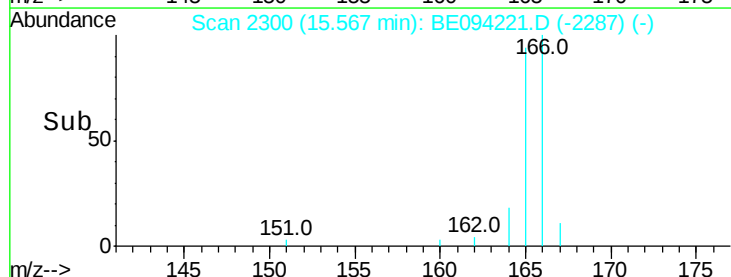
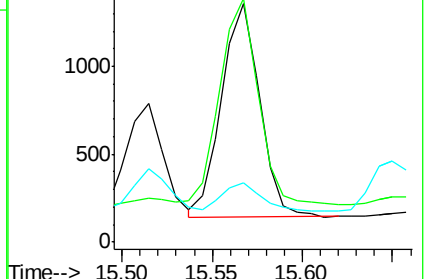
167 24.7 14.6 22.0#

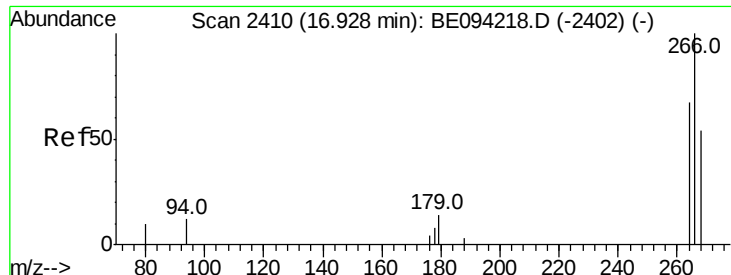


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

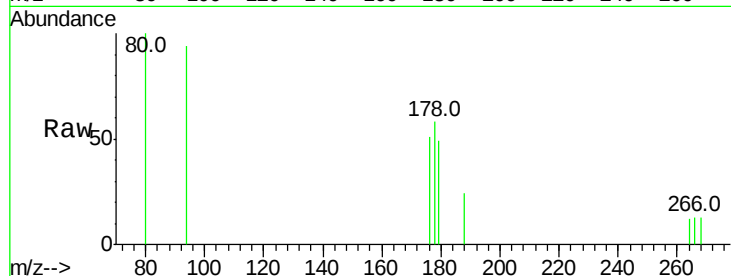




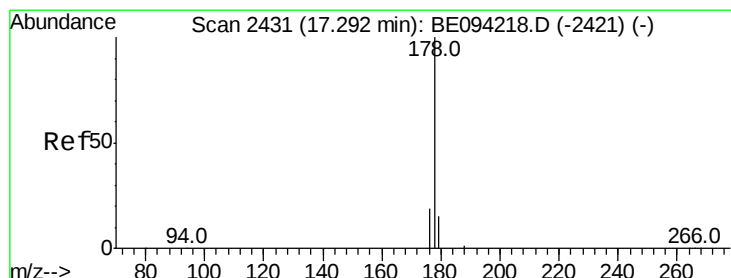
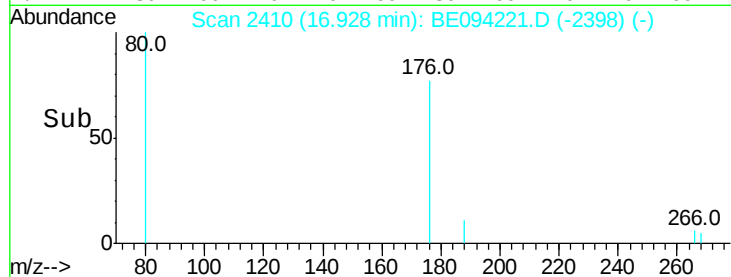
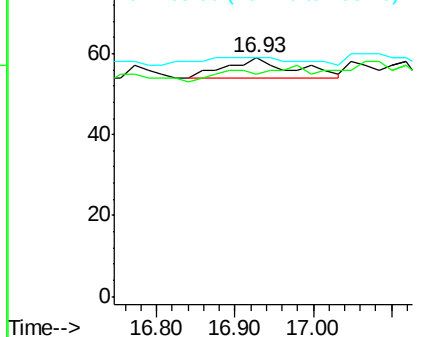
#11
 Pentachlorophenol
 Concen: 0.026 ng/ul
 RT: 16.93 min Scan# 2410
 Delta R.T. -0.00 min
 Lab File: BE094221.D
 Acq: 9 Oct 2017 15:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	0.0	49.8	74.8#

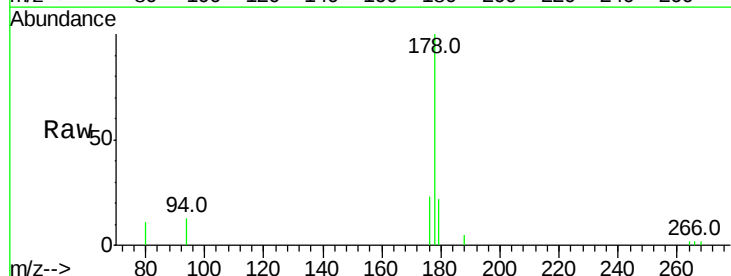


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

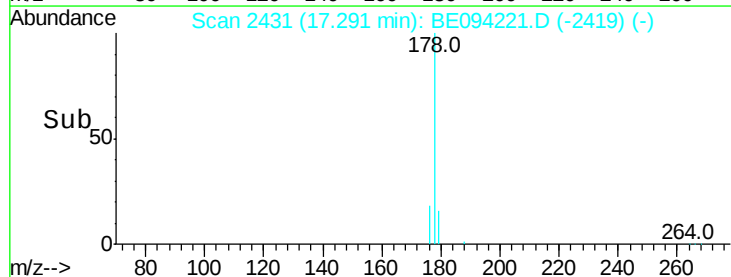
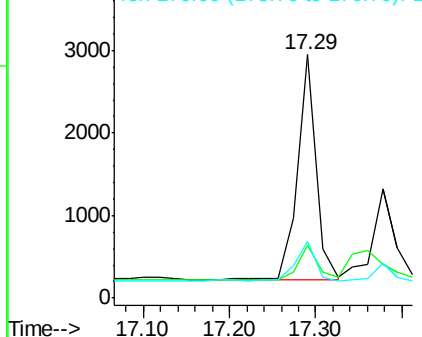


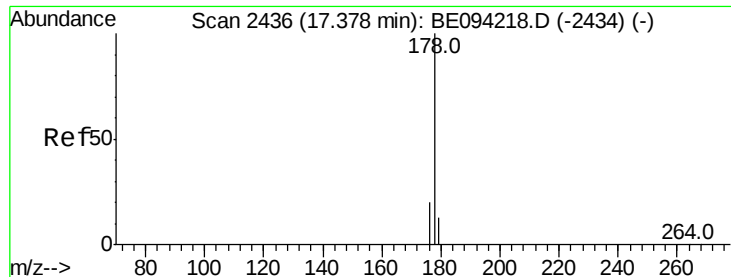
#12
 Phenanthrene
 Concen: 0.167 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094221.D
 Acq: 9 Oct 2017 15:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.9	18.4	27.6
176	23.1	13.6	20.4#



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





#13

Anthracene

Concen: 0.084 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE094221.D

Acq: 9 Oct 2017 15:16

Instrument :

BNA_E

ClientSampleId :

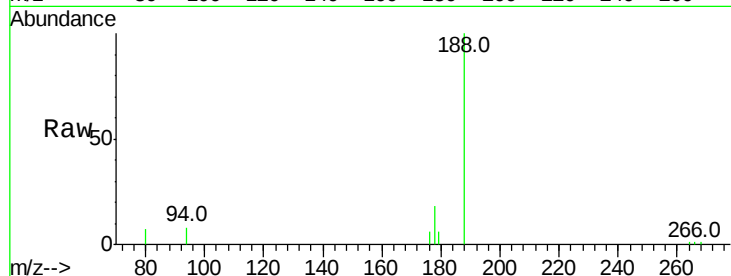
Tot Ion:178 Resp: 2029

Ion Ratio Lower Upper

178 100

179 30.5 18.1 27.1#

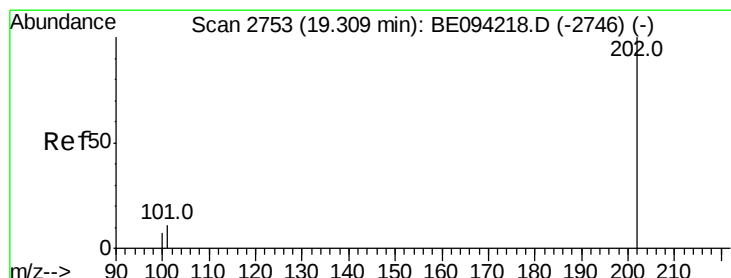
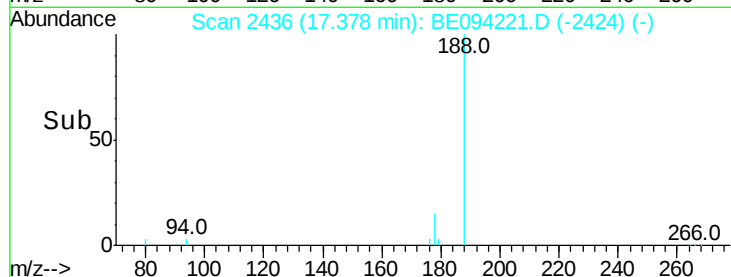
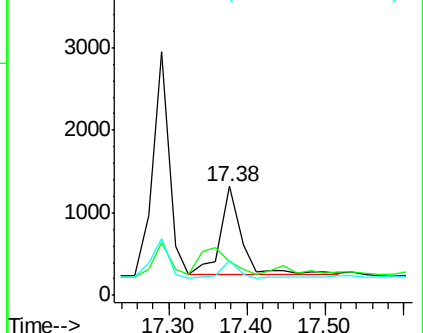
176 32.0 14.7 22.1#



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: 0.190 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE094221.D

Acq: 9 Oct 2017 15:16

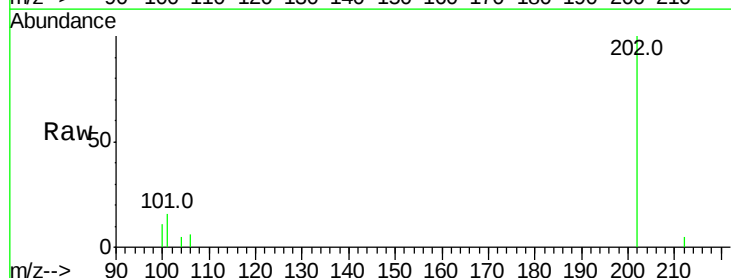
Tgt Ion:202 Resp: 6172

Ion Ratio Lower Upper

202 100

101 15.8 0.0 30.3

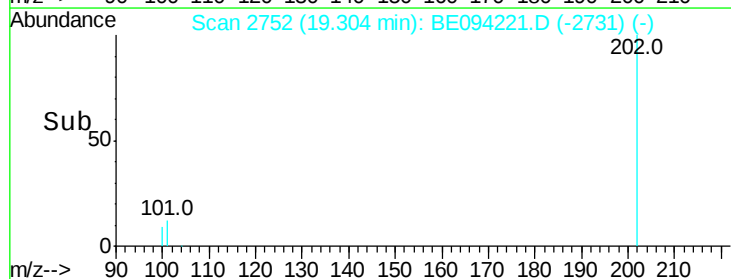
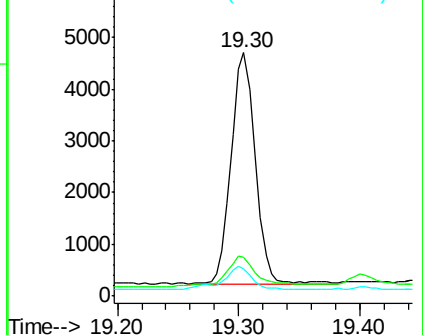
100 11.1 0.0 39.5

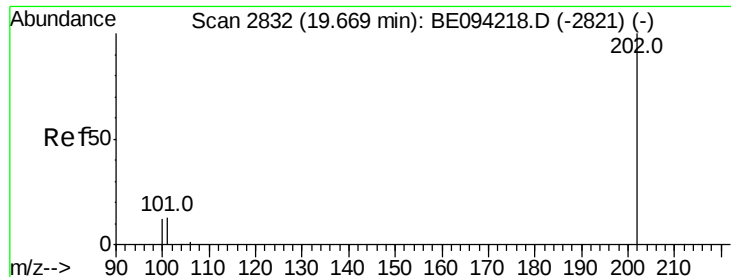


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.256 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE094221.D

Acq: 9 Oct 2017 15:16

Instrument :

BNA_E

ClientSampleId :

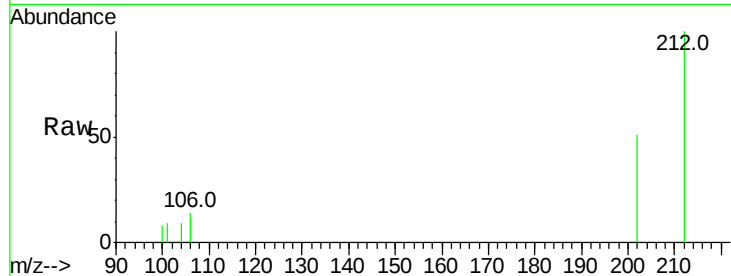
Tot Ion:202 Resp: 6452

Ion Ratio Lower Upper

202 100

101 17.5 18.2 27.4#

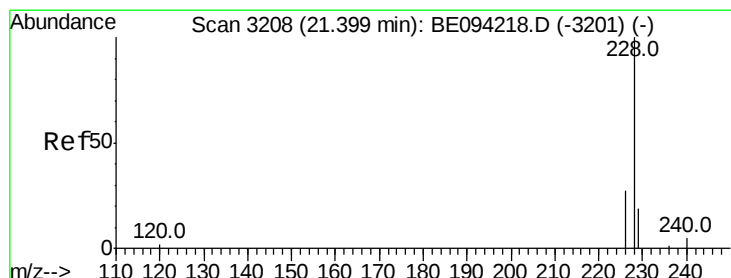
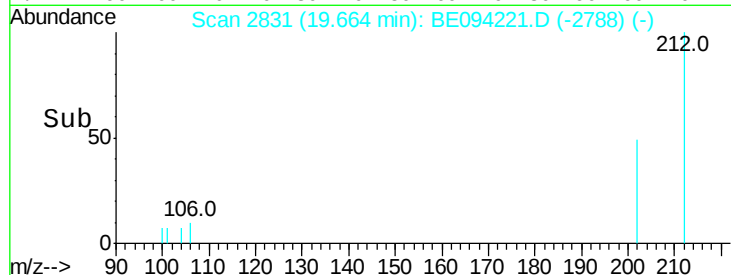
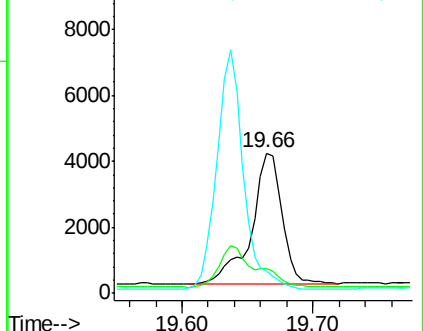
100 15.5 15.6 23.4#



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: 0.052 ng/ul

RT: 21.40 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BE094221.D

Acq: 9 Oct 2017 15:16

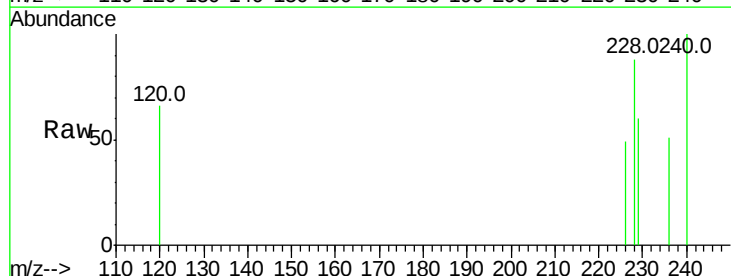
Tgt Ion:228 Resp: 1244

Ion Ratio Lower Upper

228 100

229 68.2 22.8 34.2#

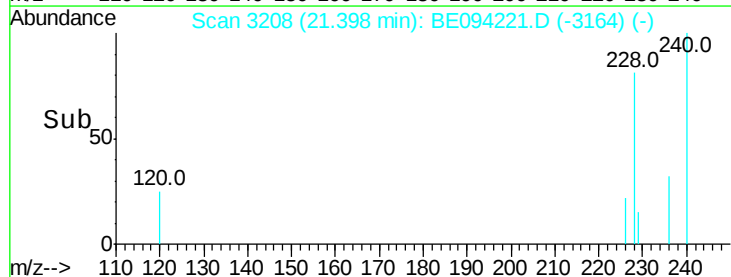
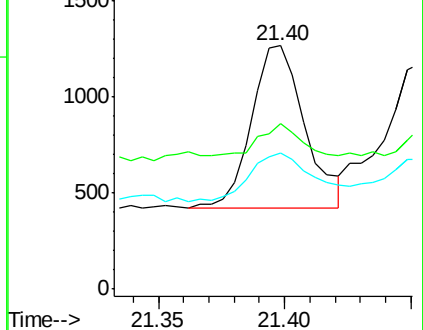
226 55.7 17.0 25.6#

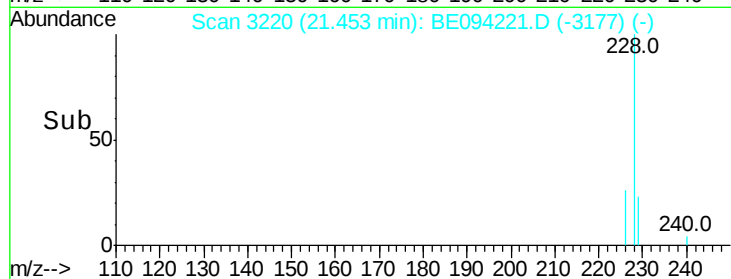
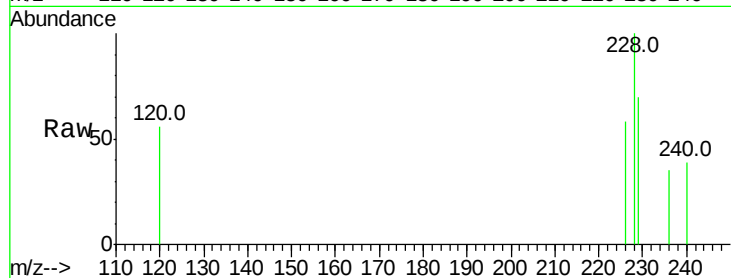
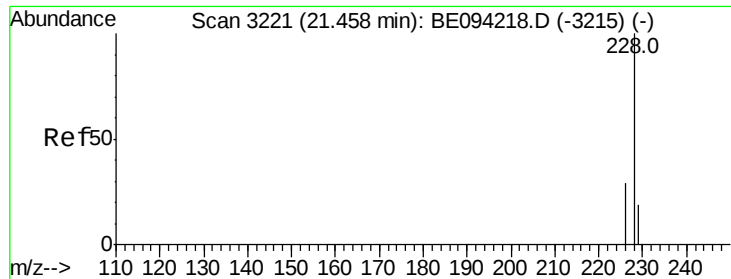


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrvsene

Concen: 0.041 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE094221.D

Acq: 9 Oct 2017 15:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 1146

Ion Ratio Lower Upper

228 100

226 57.7 23.4 35.0#

229 70.4 17.7 26.5#

