

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094235.D
 Acq On : 9 Oct 2017 23:55
 Operator : SJ/JU
 Sample : I5522-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 10 08:51:05 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 09 04:05:38 2017
 Response via : Initial Calibration

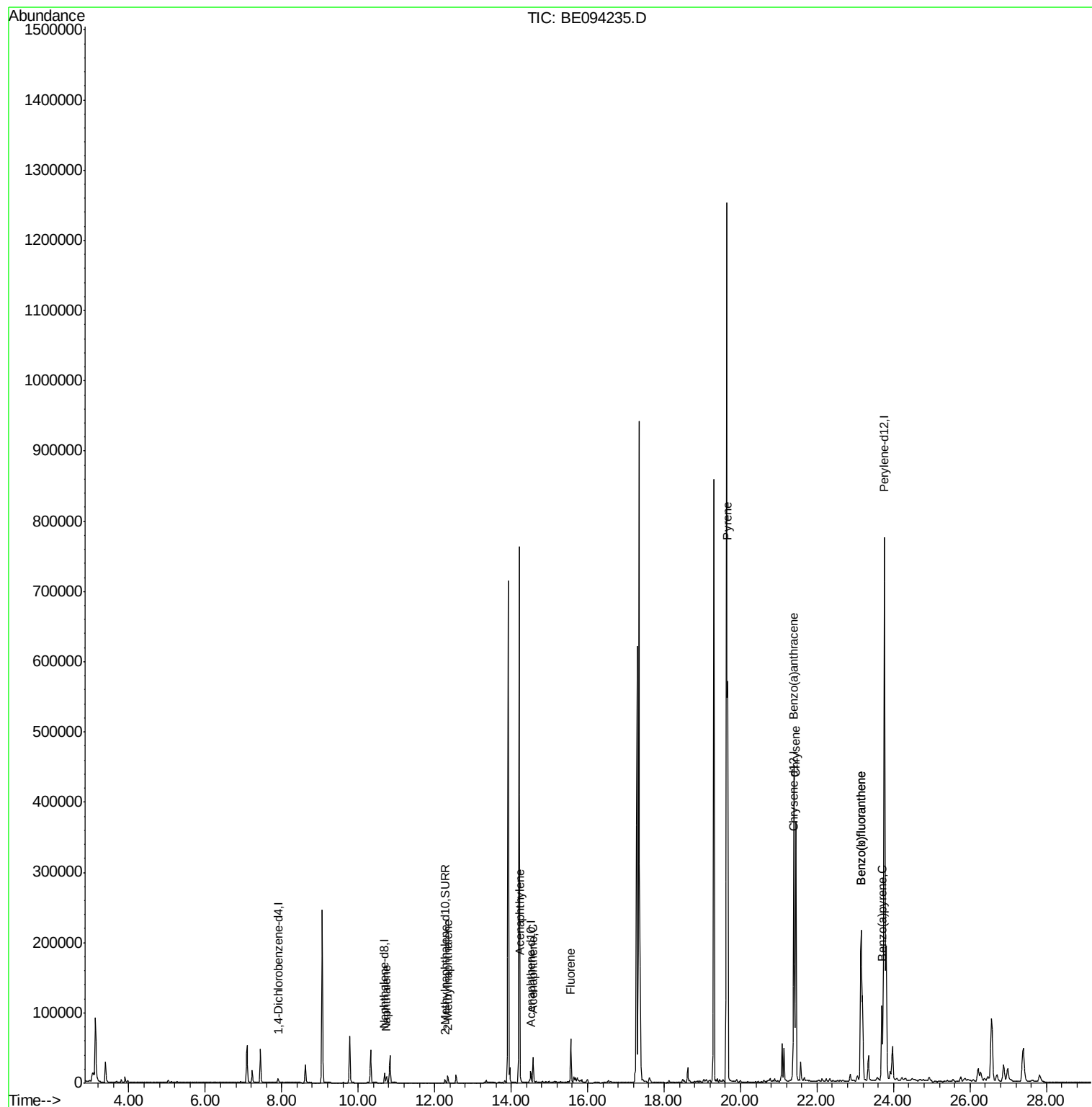
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2764	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	14326	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8849	0.40	ng/ul	-0.01
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.27
16) Chrysene-d12	21.41	240	18646	0.40	ng/ul	0.00
20) Perylene-d12	23.76	264	1126081	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	6601	0.30	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	15739	0.00	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.74	128	13690	0.39	ng/ul#	92
5) 2-Methylnaphthalene	12.34	142	9487	0.42	ng/ul	99
7) Acenaphthylene	14.24	152	7464	0.22	ng/ul	96
8) Acenaphthene	14.57	153	20609	0.73	ng/ul	98
9) Fluorene	15.56	166	38454	1.16	ng/ul#	93
17) Pyrene	19.66	202	750100	14.46	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	414416	8.38	ng/ul#	85
19) Chrysene	21.45	228	379625	6.65	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	384171	0.13	ng/ul	85
22) Benzo(k)fluoranthene	23.15	252	384171	0.11	ng/ul#	87
23) Benzo(a)pyrene	23.70	252	180812	0.06	ng/ul#	82

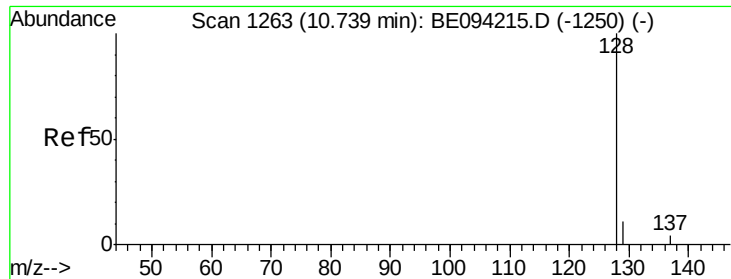
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Instrument :

BNA_E

ClientSampleId :

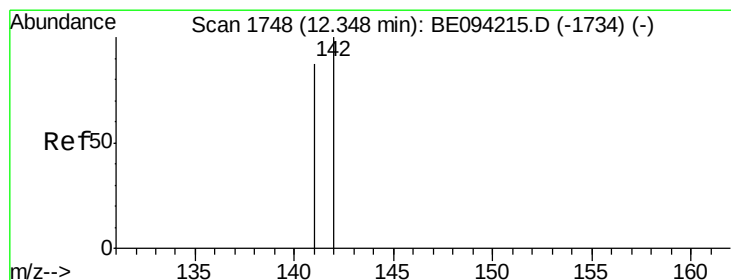
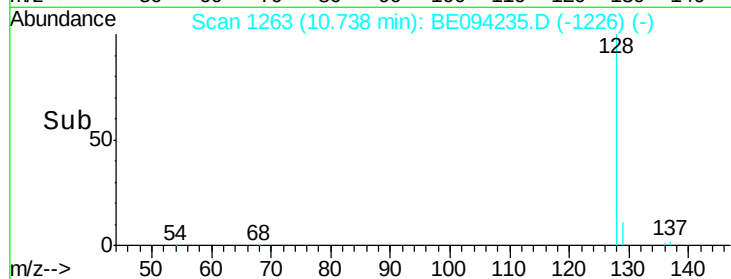
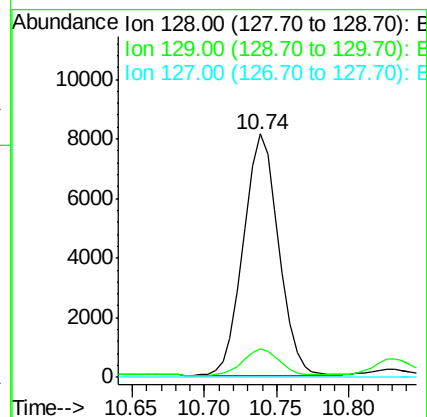
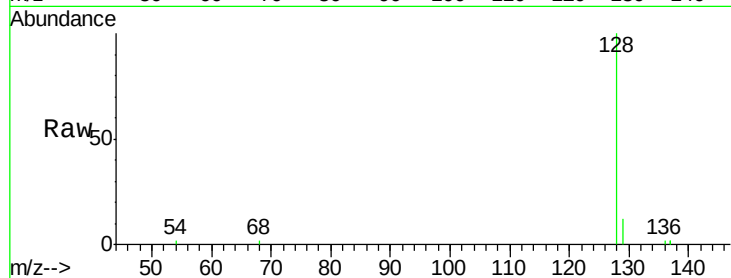
Tot Ion:128 Resp: 13690

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.42 ng/ul

RT: 12.34 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BE094235.D

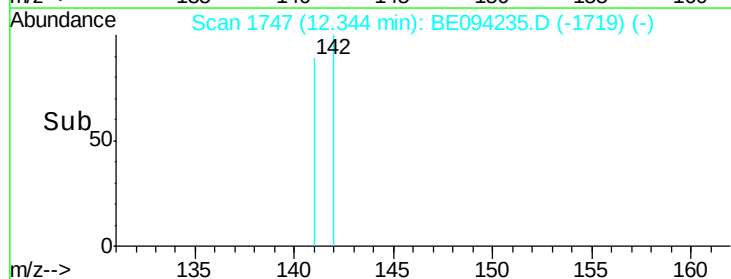
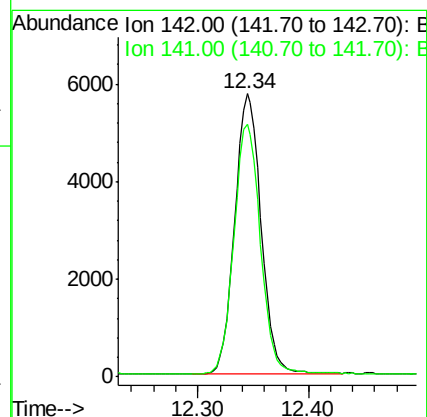
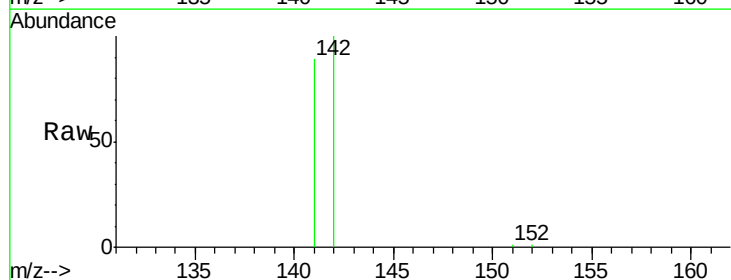
Acq: 9 Oct 2017 23:55

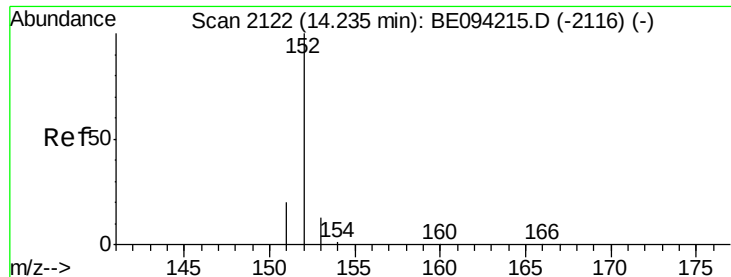
Tgt Ion:142 Resp: 9487

Ion Ratio Lower Upper

142 100

141 89.8 72.6 108.8





#7

Acenaphthylene

Concen: 0.22 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Instrument :

BNA_E

ClientSampleId :

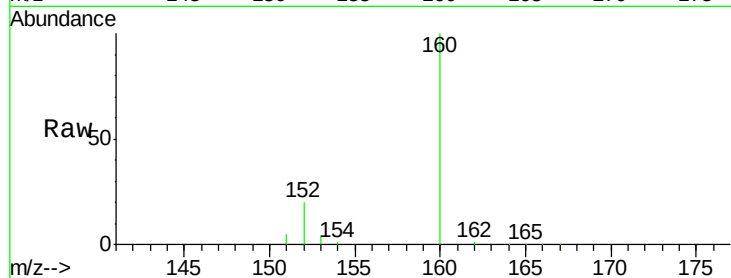
Tot Ion:152 Resp: 7464

Ion Ratio Lower Upper

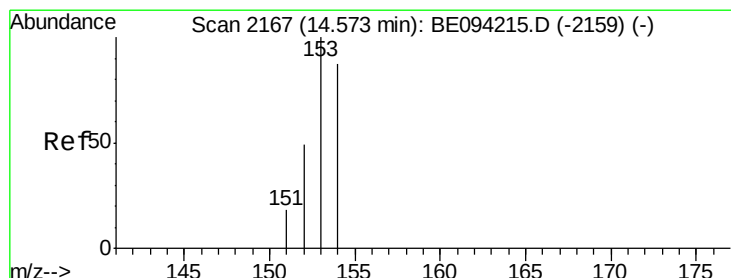
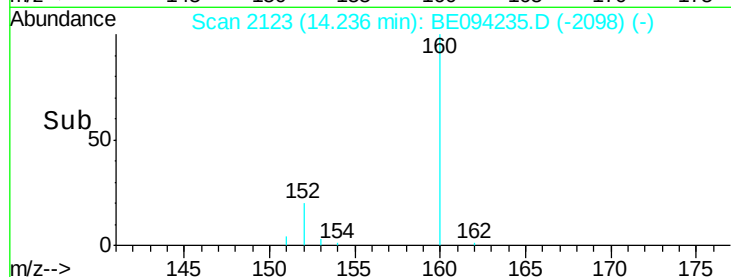
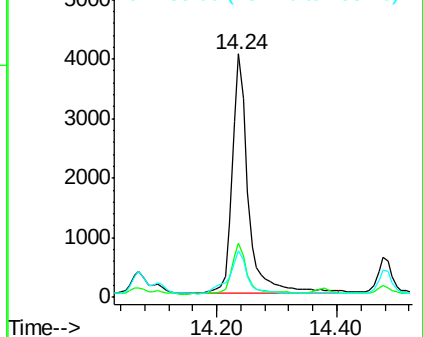
152 100

151 22.0 17.1 25.7

153 18.9 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: 0.73 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

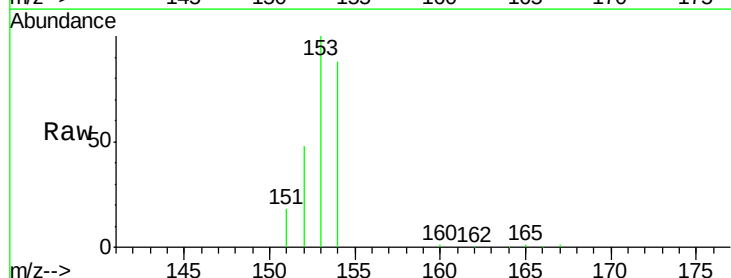
Tgt Ion:153 Resp: 20609

Ion Ratio Lower Upper

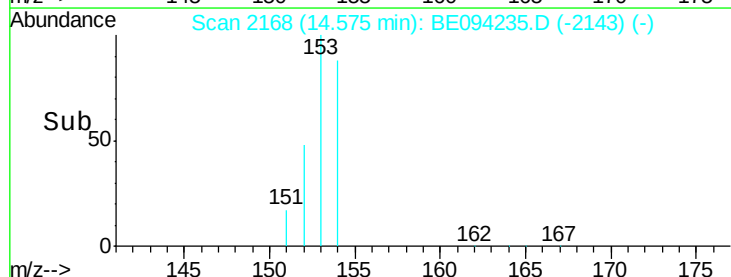
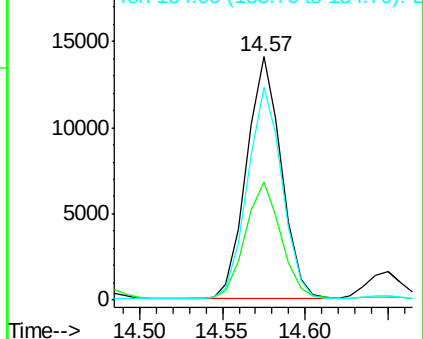
153 100

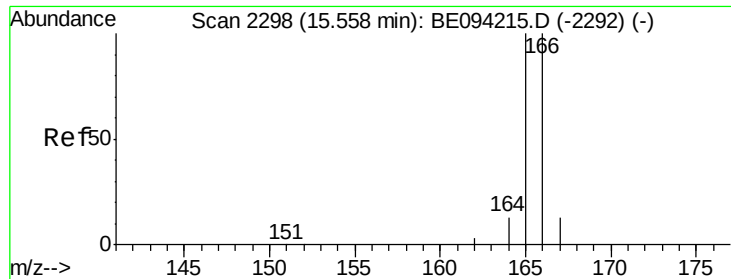
152 48.5 40.3 60.5

154 87.6 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

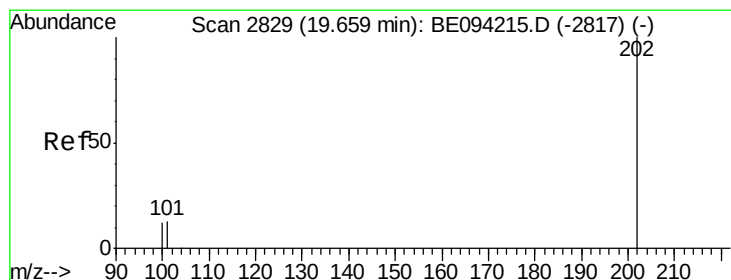
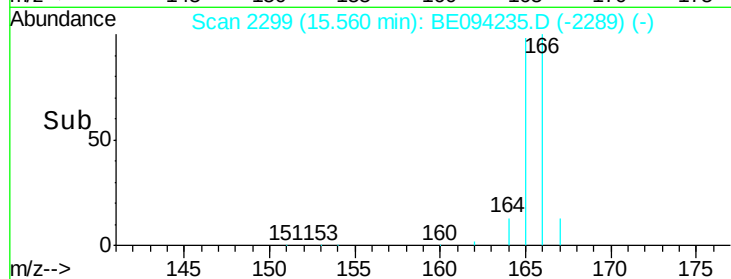
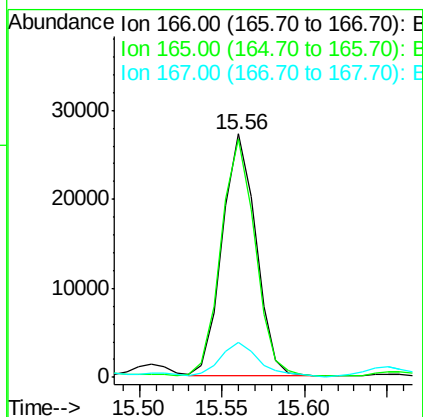
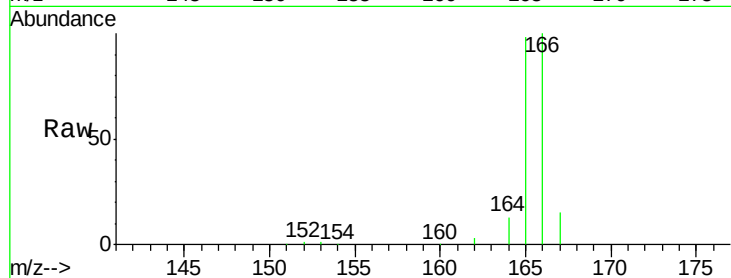




#9
Fluorene
 Concen: 1.16 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094235.D
 Acq: 9 Oct 2017 23:55

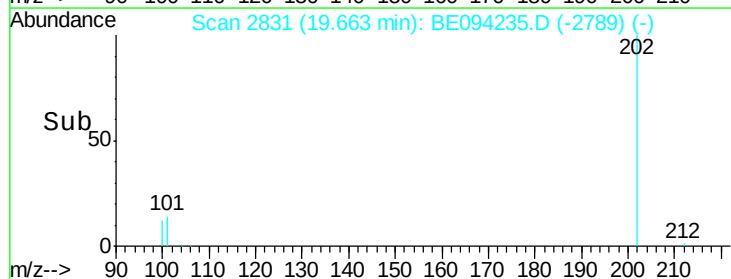
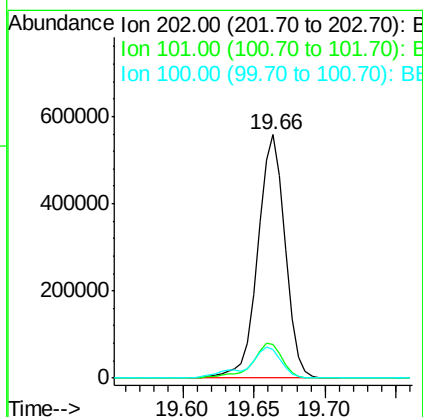
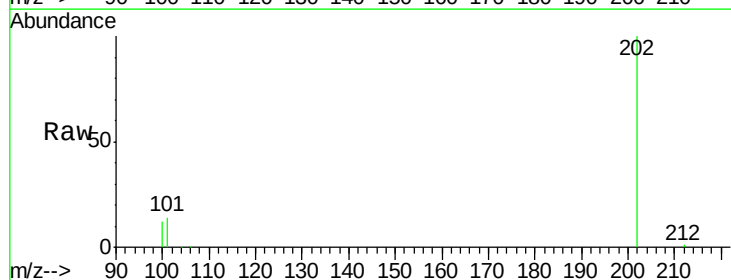
Instrument :
 BNA_E
 ClientSampleId :

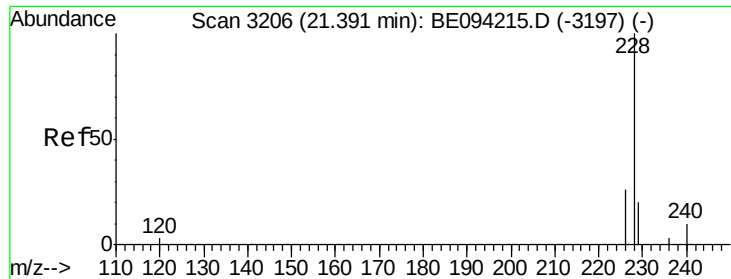
Tot Ion:166 Resp: 38454
 Ion Ratio Lower Upper
 166 100
 165 98.1 73.4 110.2
 167 14.5 14.6 22.0#



#17
Pyrene
 Concen: 14.46 ng/ul
 RT: 19.66 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094235.D
 Acq: 9 Oct 2017 23:55

Tgt Ion:202 Resp: 750100
 Ion Ratio Lower Upper
 202 100
 101 13.9 18.2 27.4#
 100 11.8 15.6 23.4#

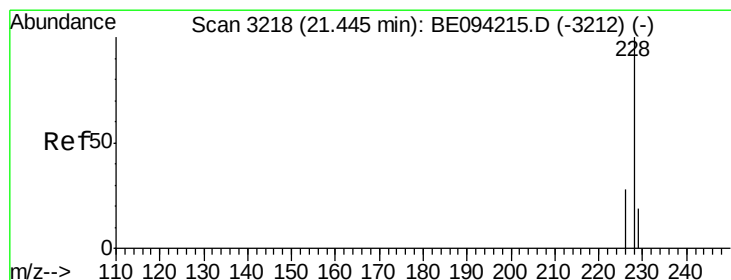
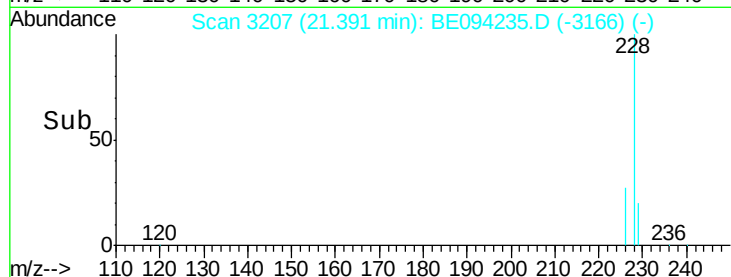
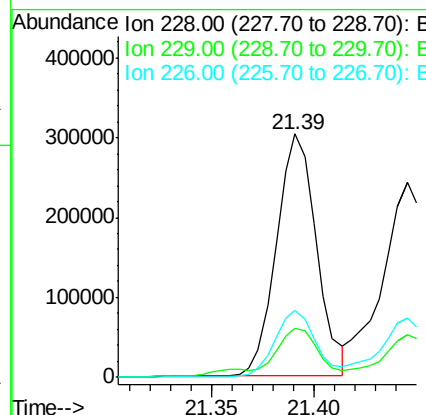
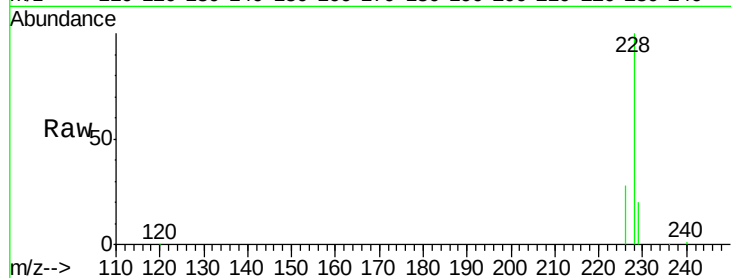




#18
Benzo(a)anthracene
Concen: 8.38 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE094235.D
Acq: 9 Oct 2017 23:55

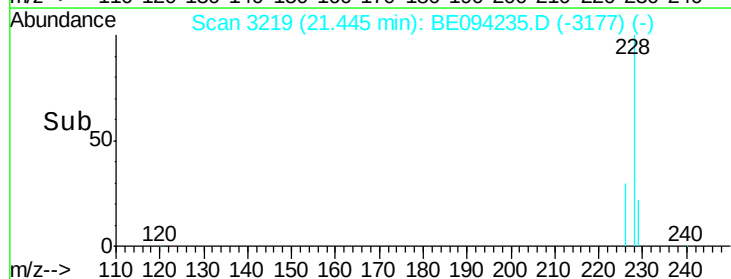
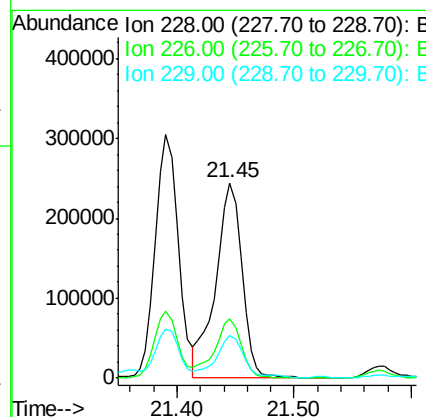
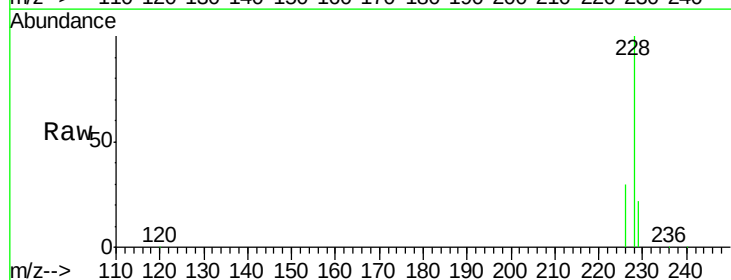
Instrument :
BNA_E
ClientSampleId :

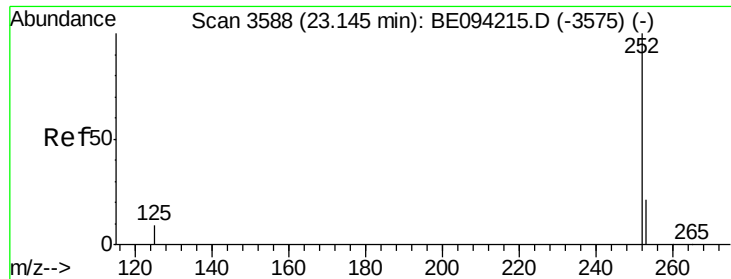
Tot Ion:228 Resp: 414416
Ion Ratio Lower Upper
228 100
229 20.2 22.8 34.2#
226 27.5 17.0 25.6#



#19
Chrysene
Concen: 6.65 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BE094235.D
Acq: 9 Oct 2017 23:55

Tgt Ion:228 Resp: 379625
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 21.8 17.7 26.5

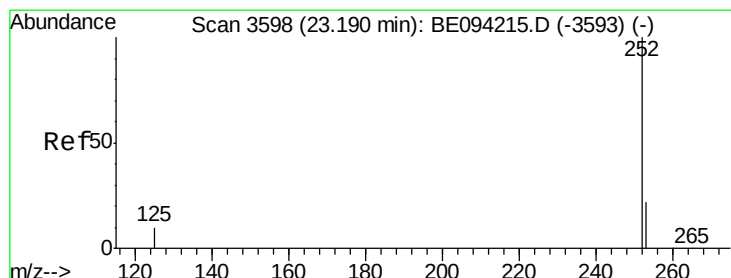
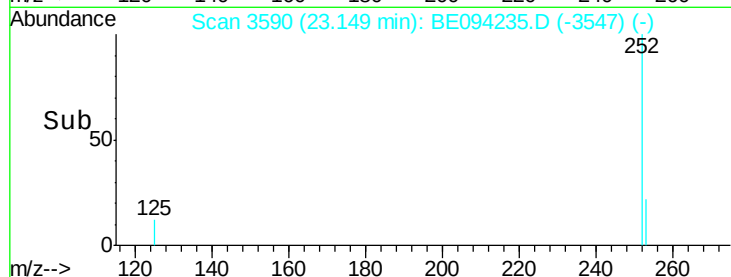
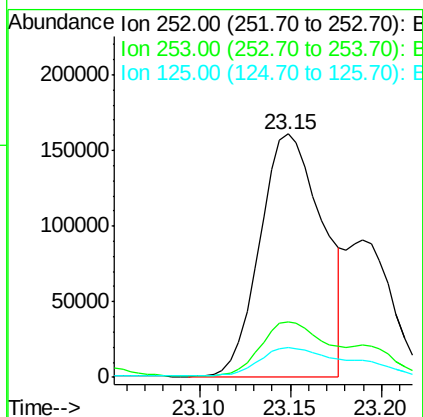
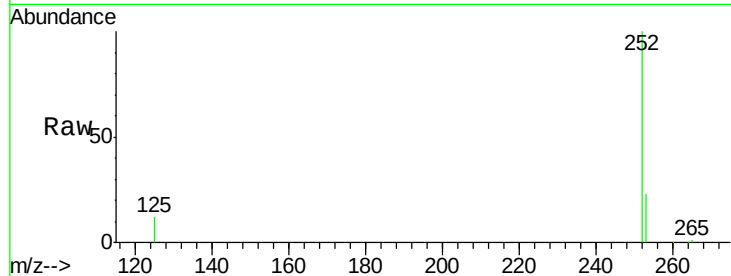




#21
Benzo(b)fluoranthene
Concen: 0.13 ng/ul
RT: 23.15 min Scan# 3590
Delta R.T. -0.00 min
Lab File: BE094235.D
Acq: 9 Oct 2017 23:55

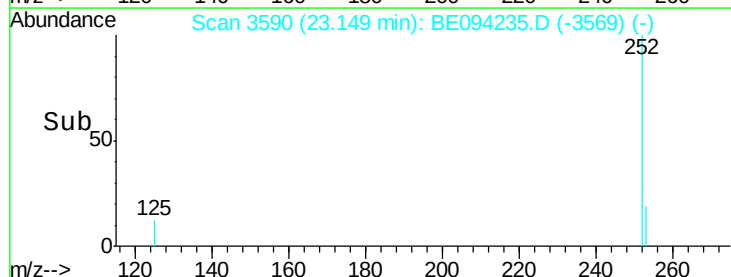
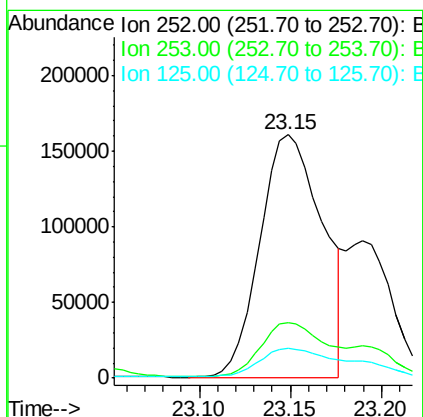
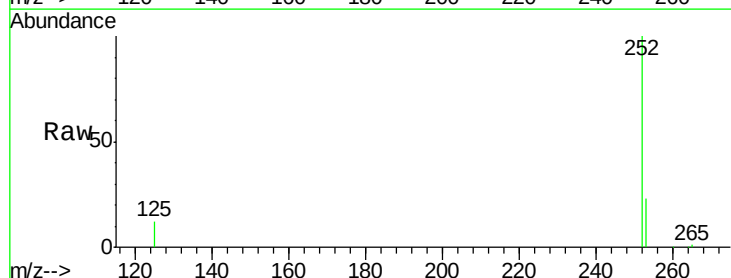
Instrument :
BNA_E
ClientSampleId :

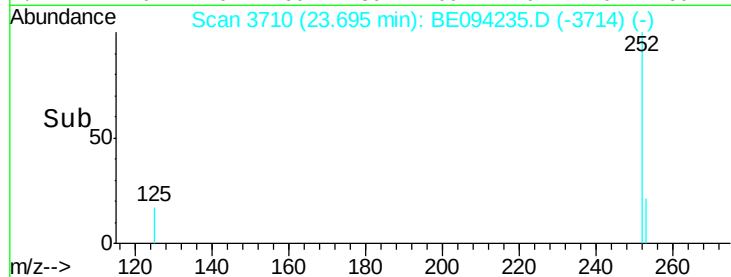
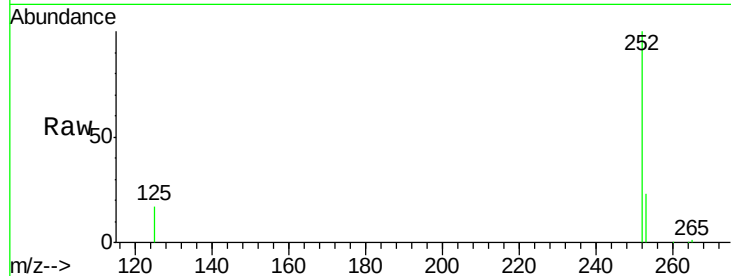
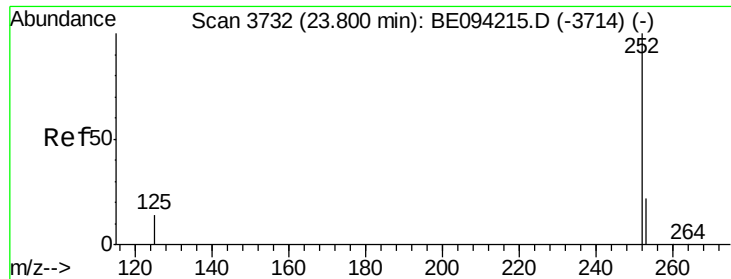
Tot Ion:252 Resp: 384171
Ion Ratio Lower Upper
252 100
253 22.6 0.0 64.2
125 12.2 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 23.15 min Scan# 3590
Delta R.T. -0.05 min
Lab File: BE094235.D
Acq: 9 Oct 2017 23:55

Tgt Ion:252 Resp: 384171
Ion Ratio Lower Upper
252 100
253 22.6 24.5 36.7#
125 12.2 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 23.70 min Scan# 3710

Delta R.T. -0.12 min

Lab File: BE094235.D

Acq: 9 Oct 2017 23:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 180812

Ion Ratio Lower Upper

252 100

253 22.8 28.5 42.7#

125 17.0 18.1 27.1#

