

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093268.D
 Acq On : 20 Jun 2017 1:55
 Operator : SJ/MA
 Sample : I3599-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 20 08:50:52 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

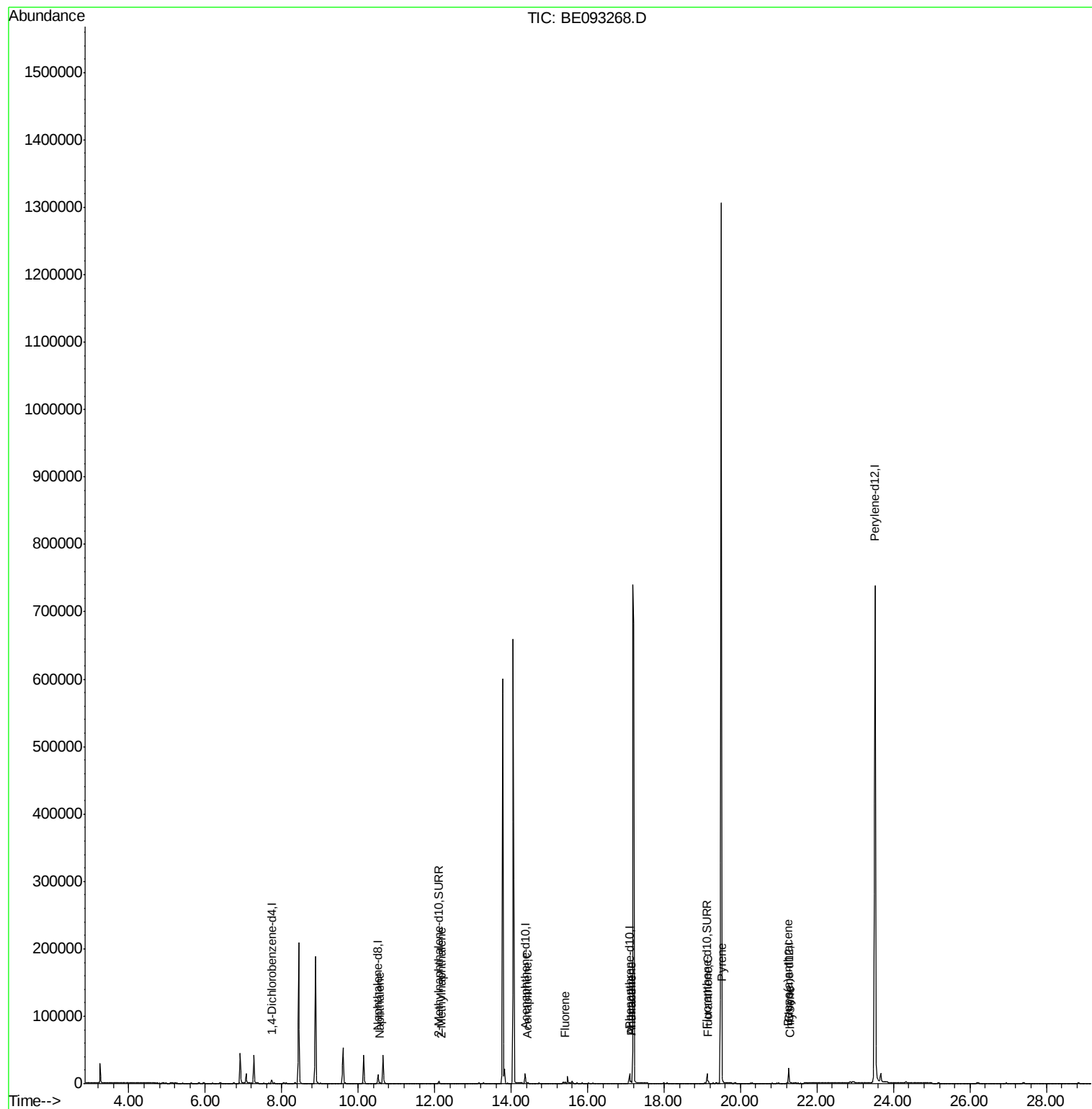
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2576	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12891	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	7992	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	19362	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	19757	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1068160	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5066	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	15052	0.29	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.56	128	1336	0.04	ng/ul#	90
5) 2-Methylnaphthalene	12.18	142	405	0.02	ng/ul	98
8) Acenaphthene	14.43	153	576	0.02	ng/ul	98
9) Fluorene	15.42	166	925	0.03	ng/ul	92
12) Phenanthrene	17.14	178	4185	0.08	ng/ul#	91
13) Anthracene	17.14	178	4176	0.09	ng/ul	93
15) Fluoranthene	19.15	202	4005	0.06	ng/ul	84
17) Pyrene	19.52	202	3302	0.06	ng/ul#	90
18) Benzo(a)anthracene	21.24	228	1352	0.03	ng/ul#	88
19) Chrysene	21.29	228	1326	0.02	ng/ul#	82

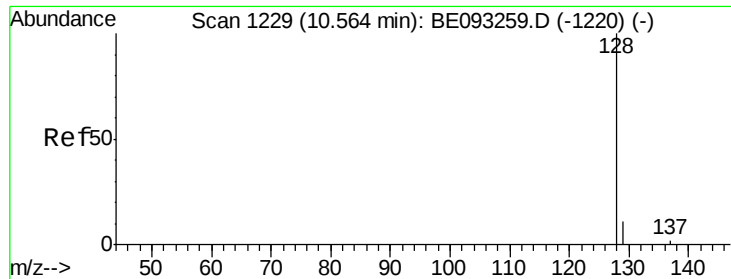
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
Data File : BE093268.D
Acq On : 20 Jun 2017 1:55
Operator : SJ/MA
Sample : I3599-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 20 08:50:52 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





#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093268.D

Acq: 20 Jun 2017 1:55

Instrument :

BNA_E

ClientSampleId :

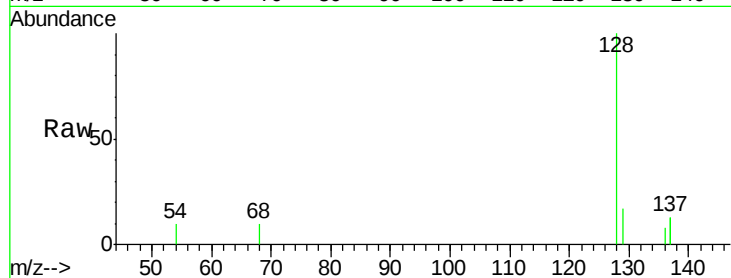
Tot Ion:128 Resp: 1336

Ion Ratio Lower Upper

128 100

129 17.3 11.3 16.9#

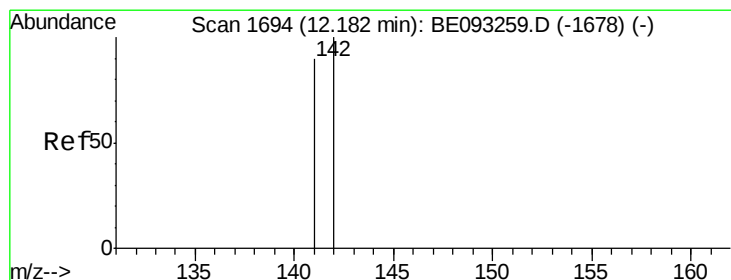
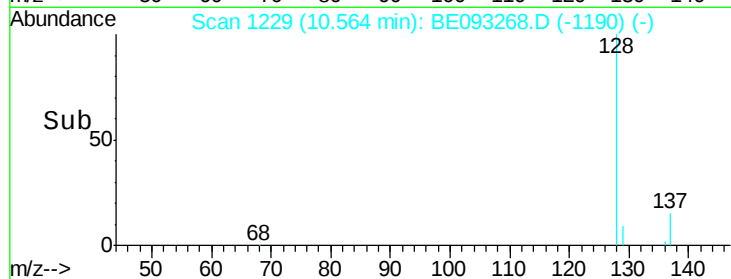
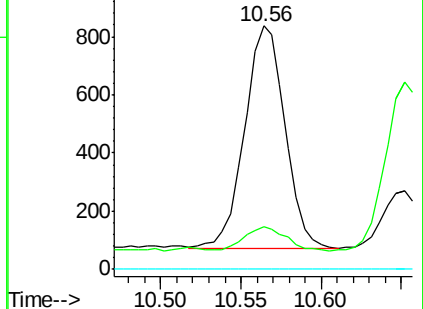
127 0.0 4.0 6.0#



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: 0.02 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093268.D

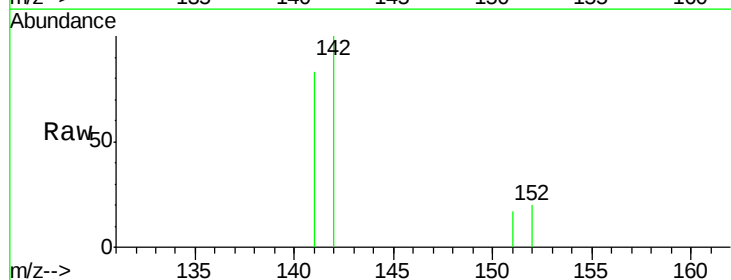
Acq: 20 Jun 2017 1:55

Tgt Ion:142 Resp: 405

Ion Ratio Lower Upper

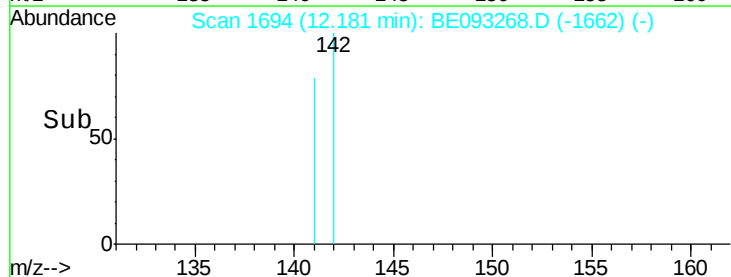
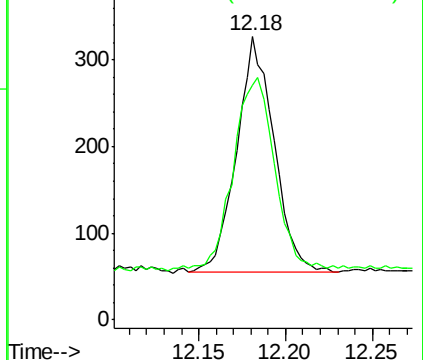
142 100

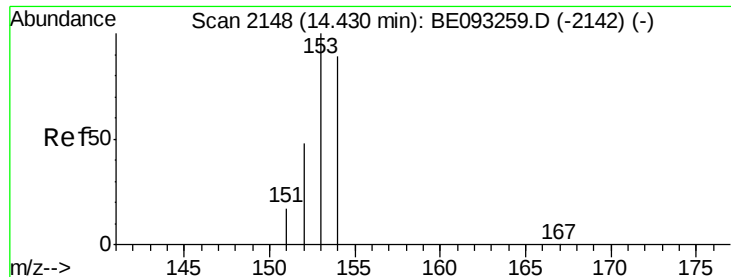
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.43 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BE093268.D

Acq: 20 Jun 2017 1:55

Instrument :

BNA_E

ClientSampleId :

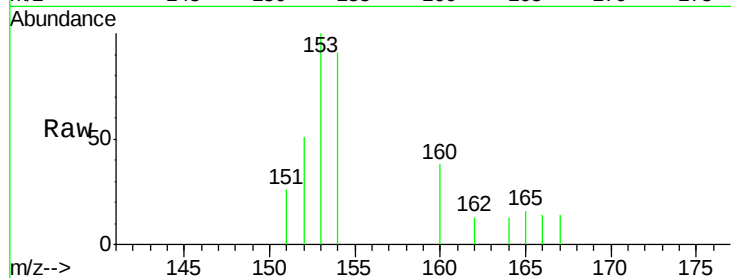
Tot Ion:153 Resp: 576

Ion Ratio Lower Upper

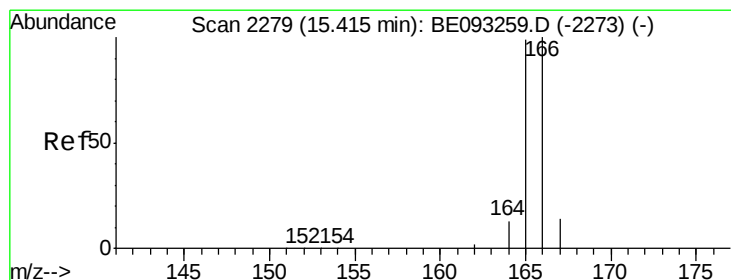
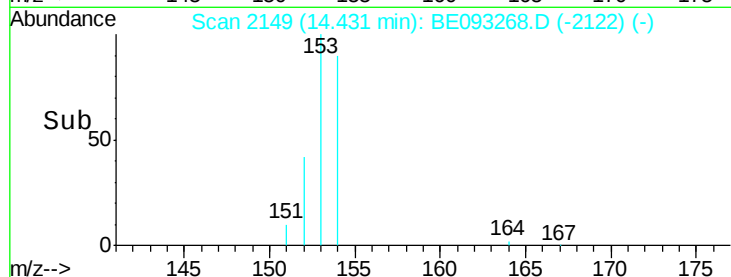
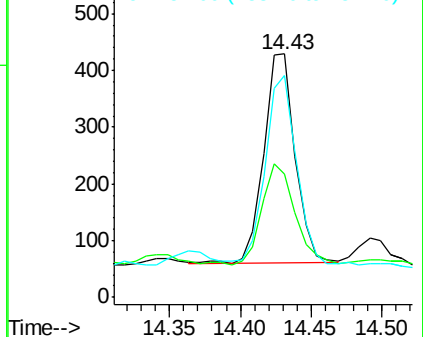
153 100

152 50.8 40.3 60.5

154 91.4 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: BE093268.D

Acq: 20 Jun 2017 1:55

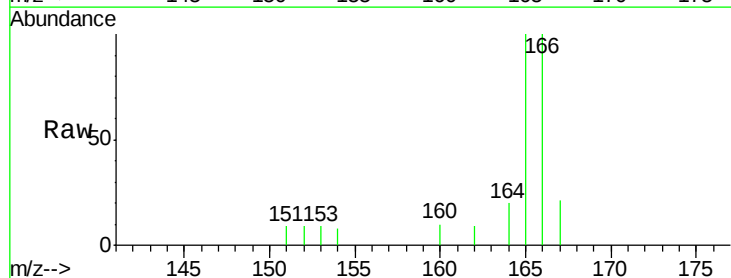
Tgt Ion:166 Resp: 925

Ion Ratio Lower Upper

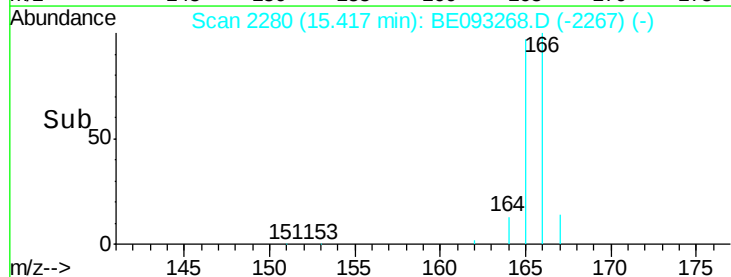
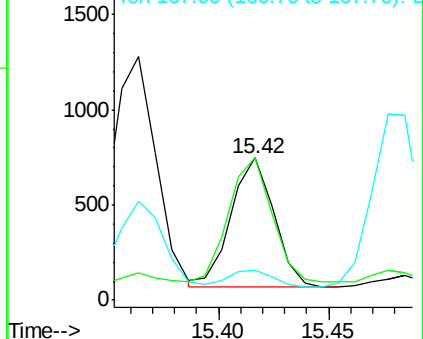
166 100

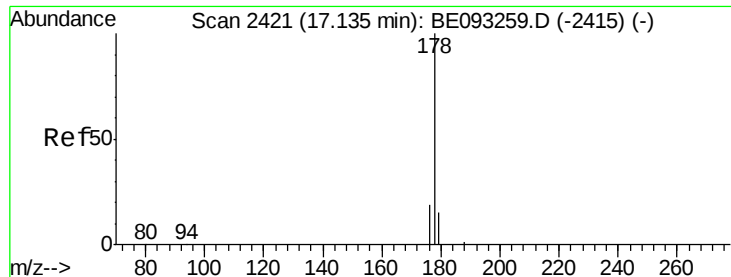
165 99.7 73.4 110.2

167 21.0 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: 0.08 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093268.D

Acq: 20 Jun 2017 1:55

Instrument :

BNA_E

ClientSampleId :

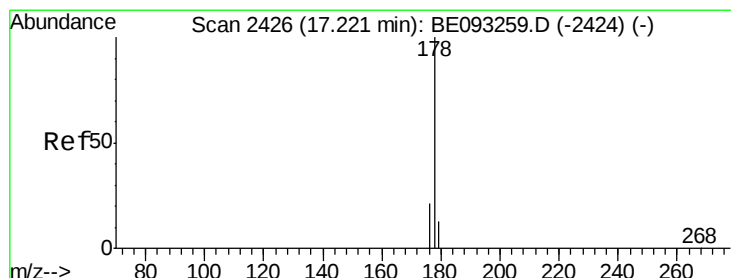
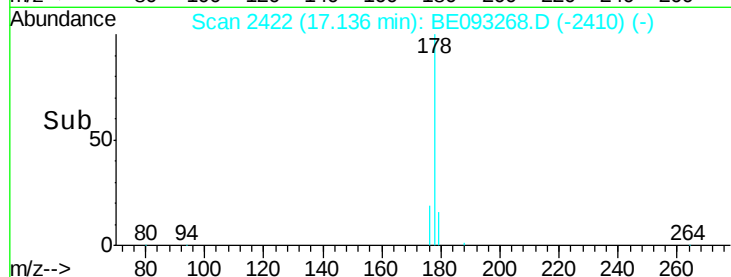
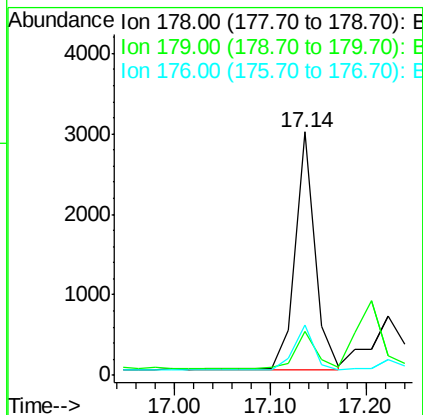
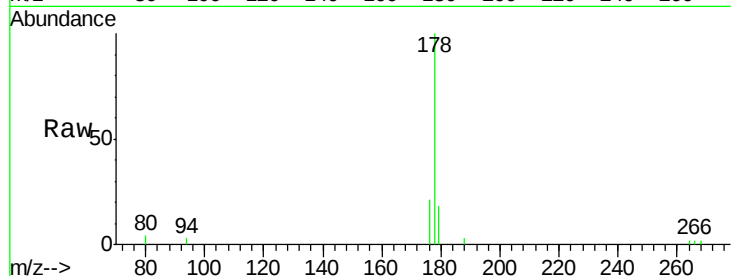
Tot Ion:178 Resp: 4185

Ion Ratio Lower Upper

178 100

179 18.2 18.4 27.6#

176 20.6 13.6 20.4#



#13

Anthracene

Concen: 0.09 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.09 min

Lab File: BE093268.D

Acq: 20 Jun 2017 1:55

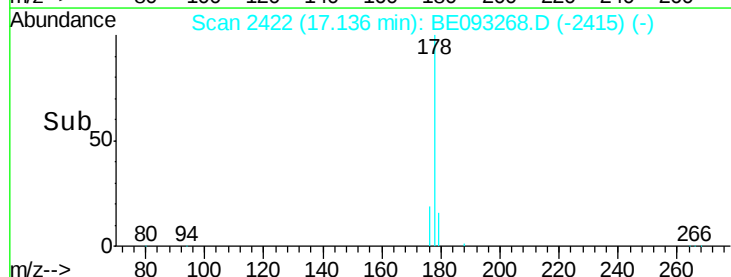
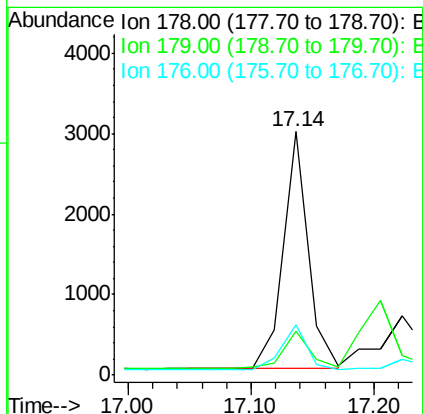
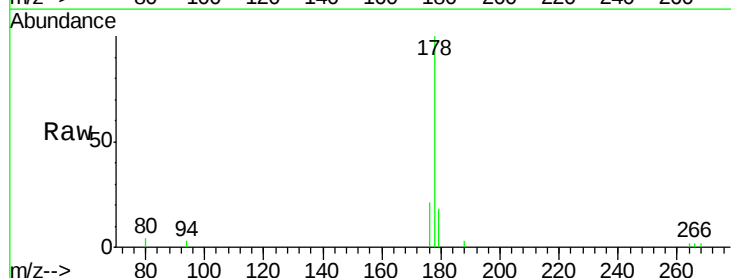
Tgt Ion:178 Resp: 4176

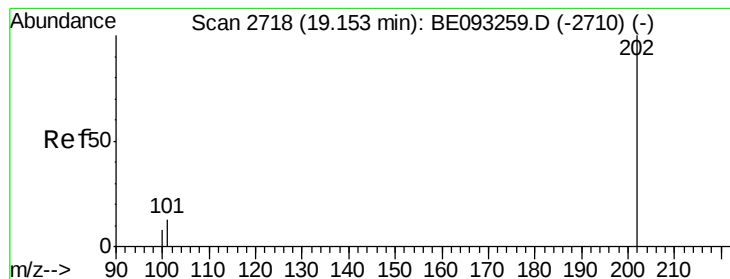
Ion Ratio Lower Upper

178 100

179 18.2 18.1 27.1

176 20.6 14.7 22.1





#15

Fluoranthene

Concen: 0.06 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE093268.D

Acq: 20 Jun 2017 1:55

Instrument :

BNA_E

ClientSampleId :

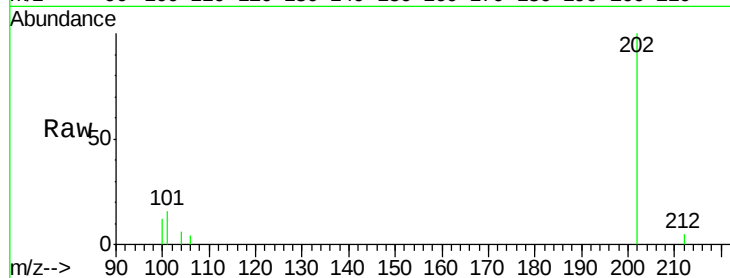
Tot Ion:202 Resp: 4005

Ion Ratio Lower Upper

202 100

101 16.1 0.0 30.3

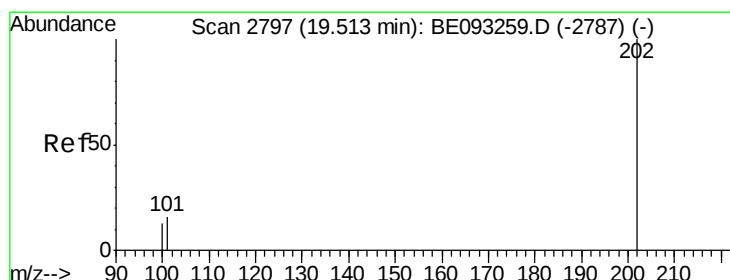
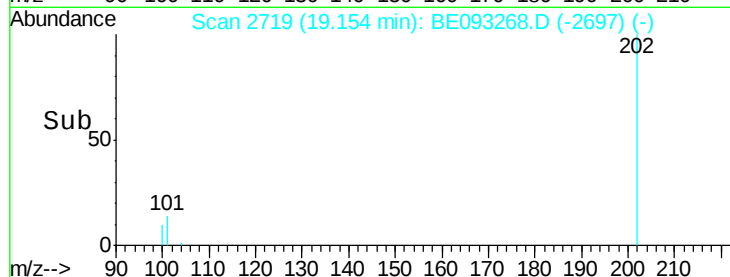
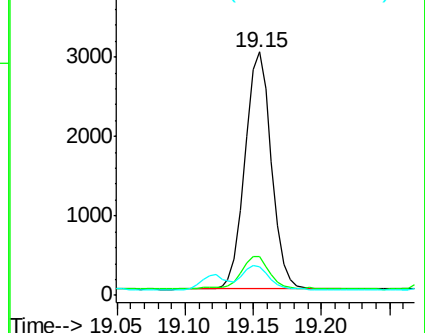
100 11.9 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.06 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BE093268.D

Acq: 20 Jun 2017 1:55

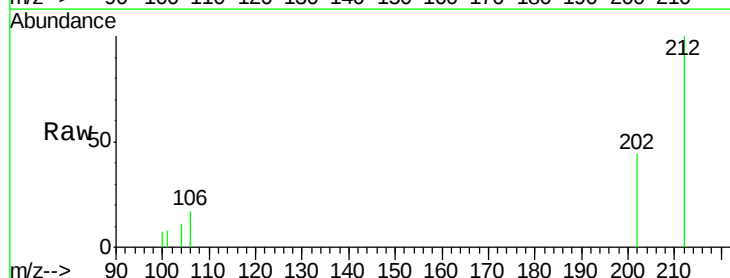
Tgt Ion:202 Resp: 3302

Ion Ratio Lower Upper

202 100

101 17.4 18.2 27.4#

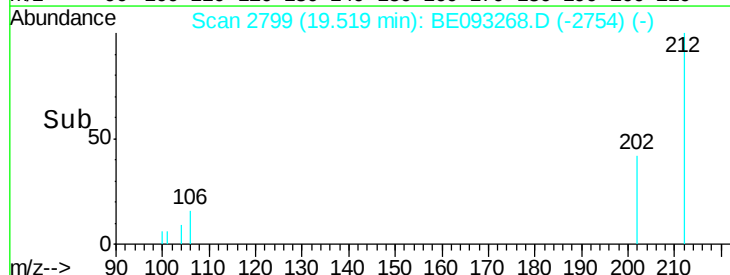
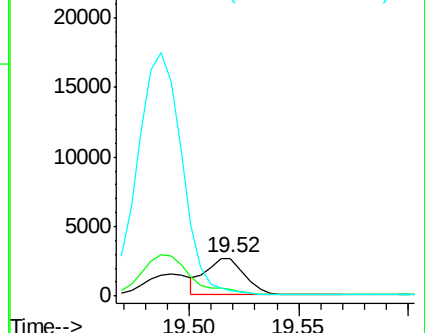
100 16.0 15.6 23.4

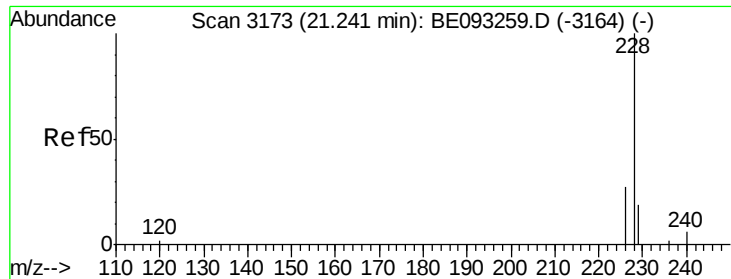


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

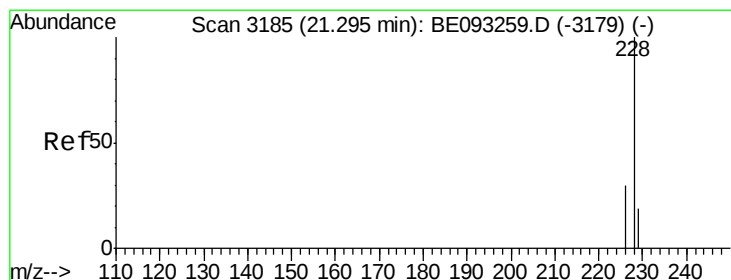
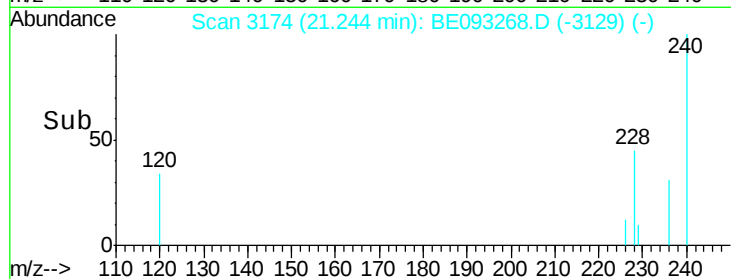
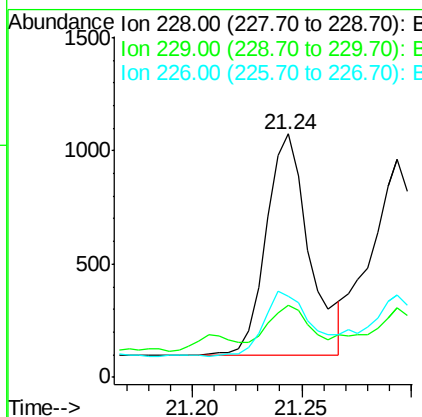
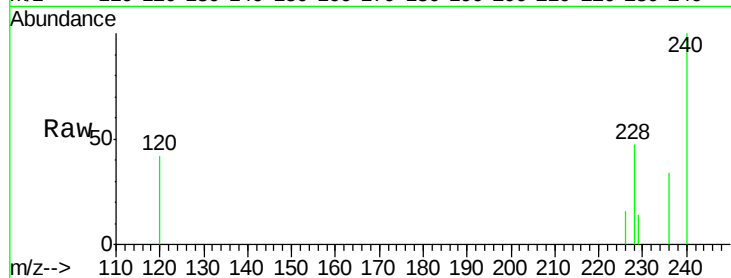




#18
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093268.D
Acq: 20 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 1352
Ion Ratio Lower Upper
228 100
229 29.8 22.8 34.2
226 33.1 17.0 25.6#



#19
Chrysene
Concen: 0.02 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093268.D
Acq: 20 Jun 2017 1:55

Tgt Ion:228 Resp: 1326
Ion Ratio Lower Upper
228 100
226 37.8 23.4 35.0#
229 32.0 17.7 26.5#

