

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 :
 F5C94

Quant Time: Jun 20 09:28:28 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

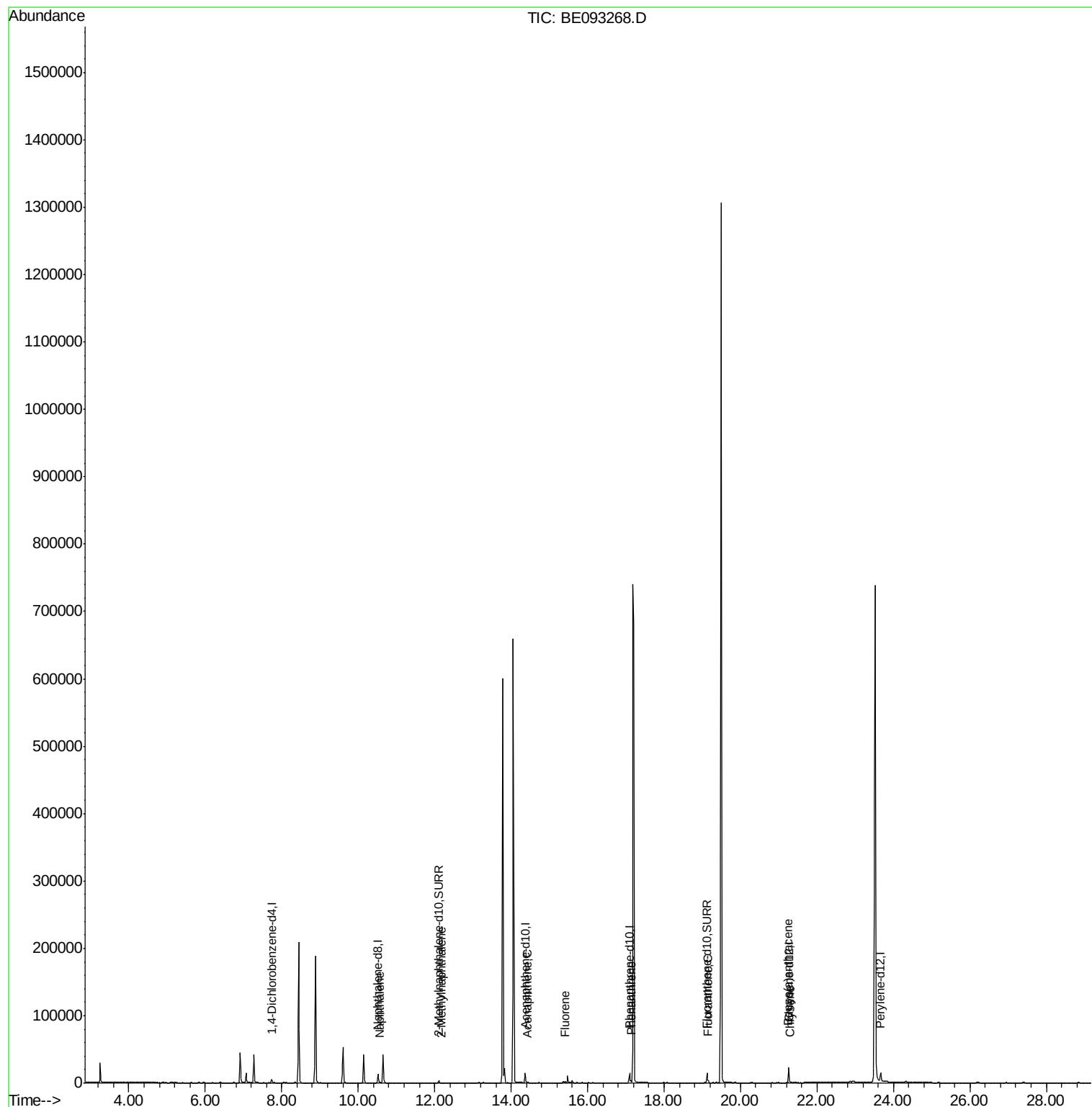
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2576	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12891	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	7992	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	19362	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	19757	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	15950m	0.40	ng/ul	0.00
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				Qvalue		
3) Naphthalene	10.56	128	1336	0.042	ng/ul#	90
5) 2-Methylnaphthalene	12.18	142	405	0.019	ng/ul	98
8) Acenaphthene	14.43	153	576	0.021	ng/ul	98
9) Fluorene	15.42	166	925	0.029	ng/ul	92
12) Phenanthrene	17.14	178	4185	0.079	ng/ul#	91
15) Fluoranthene	19.15	202	4005	0.061	ng/ul	84
18) Benzo(a)anthracene	21.24	228	1352	0.026	ng/ul#	88
19) Chrysene	21.29	228	1326	0.024	ng/ul#	82

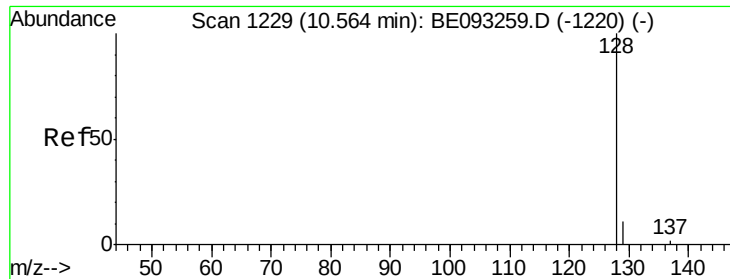
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.042 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 :

F5C94

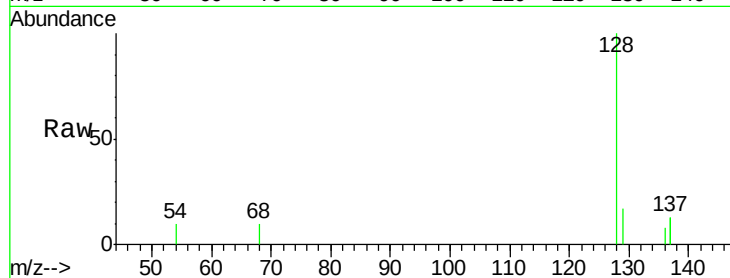
Tgt Ion:128 Resp: 1336

Ion Ratio Lower Upper

128 100

129 17.3 11.3 16.9#

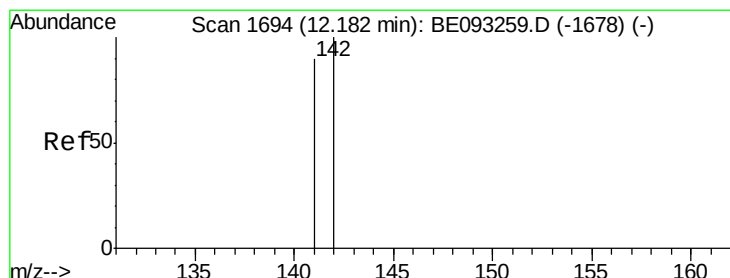
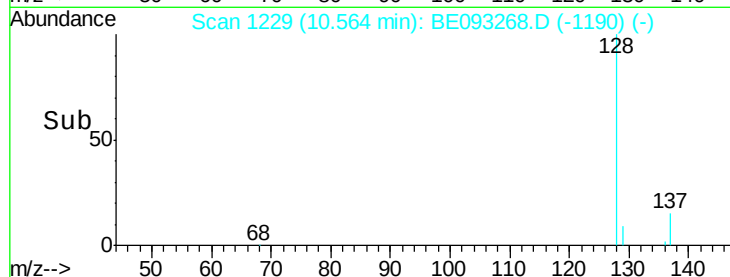
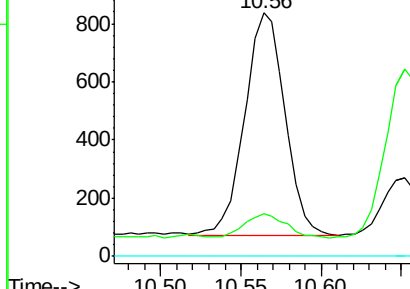
127 0.0 4.0 6.0#



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: 0.019 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093268.D

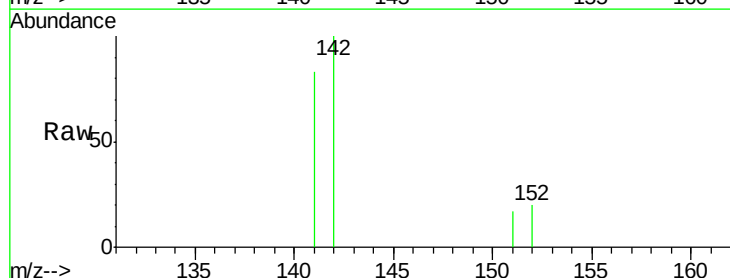
Acq: 20 Jun 2017 1:55

Tgt Ion:142 Resp: 405

Ion Ratio Lower Upper

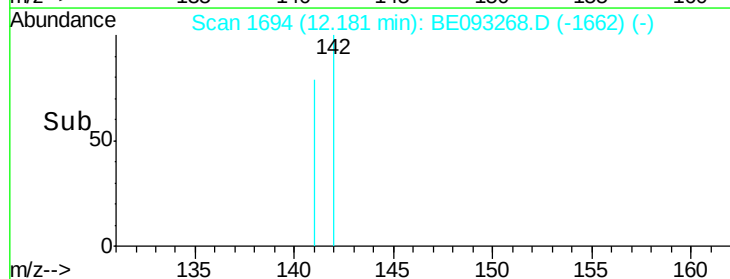
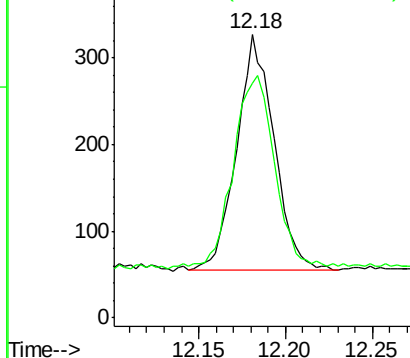
142 100

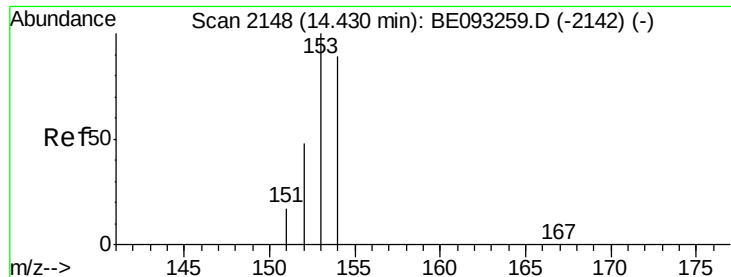
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.021 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 :

F5C94

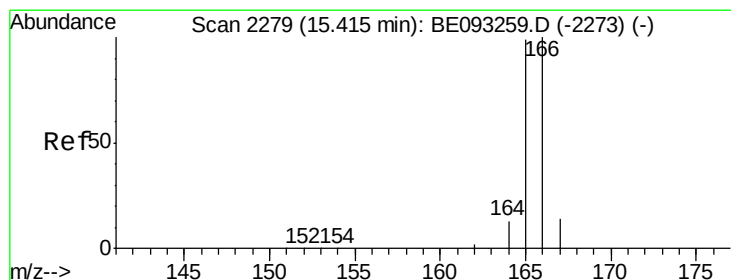
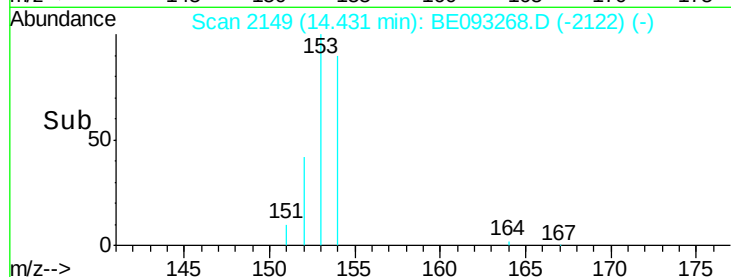
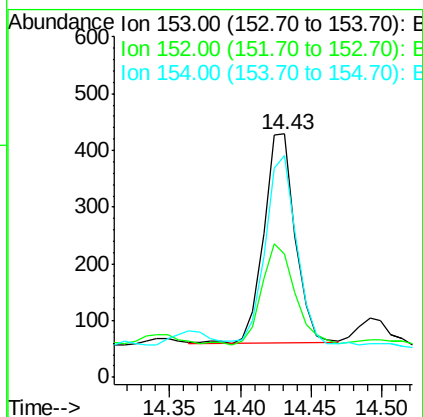
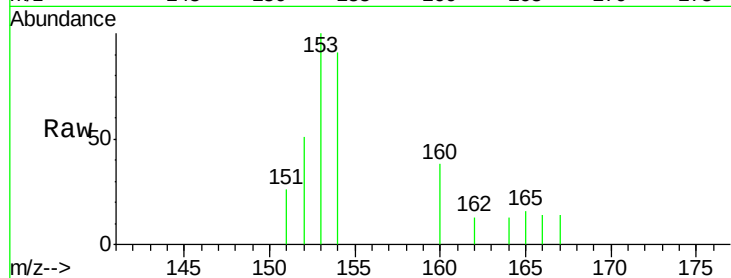
Tgt Ion:153 Resp: 576

Ion Ratio Lower Upper

153 100

152 50.8 40.3 60.5

154 91.4 71.4 107.2



#9

Fluorene

Concen: 0.029 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093268.D

Acq: 20 Jun 2017 1:55

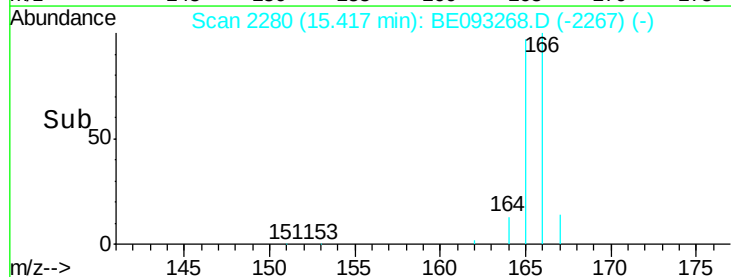
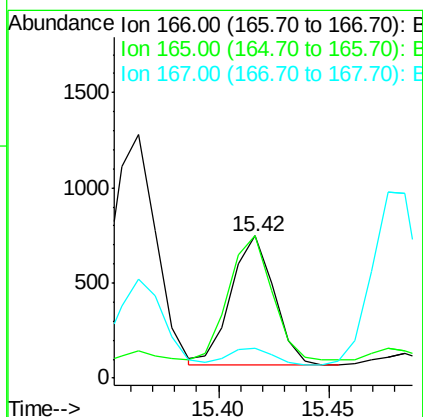
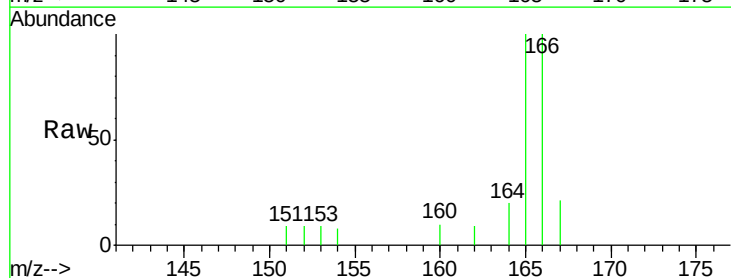
Tgt Ion:166 Resp: 925

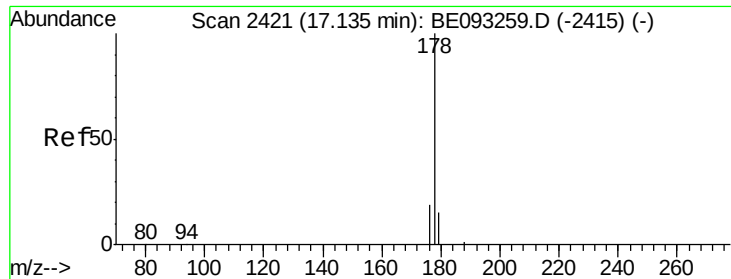
Ion Ratio Lower Upper

166 100

165 99.7 73.4 110.2

167 21.0 14.6 22.0





#12

Phenanthrene

Concen: 0.079 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 :

F5C94

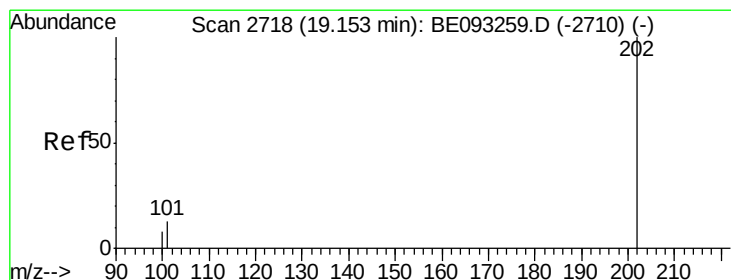
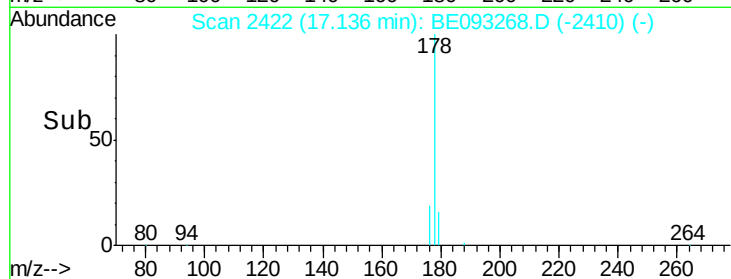
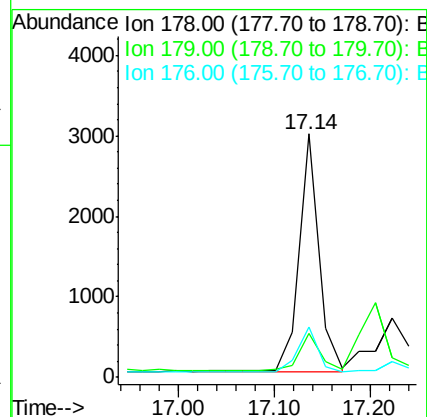
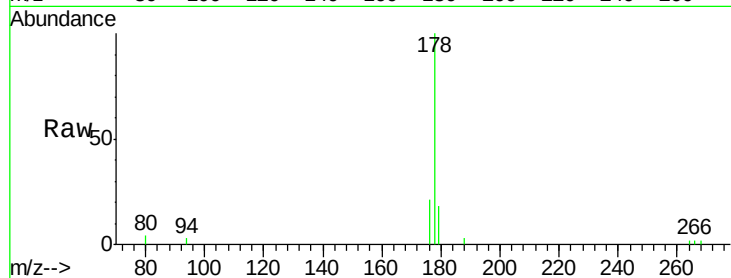
Tgt Ion:178 Resp: 4185

Ion Ratio Lower Upper

178 100

179 18.2 18.4 27.6#

176 20.6 13.6 20.4#



#15

Fluoranthene

Concen: 0.061 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE093268.D

Acq: 20 Jun 2017 1:55

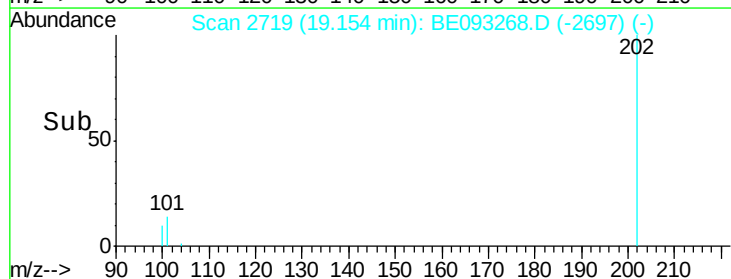
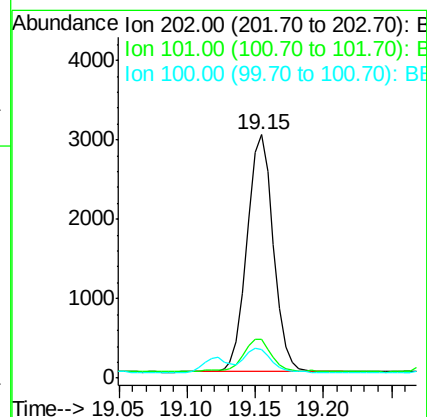
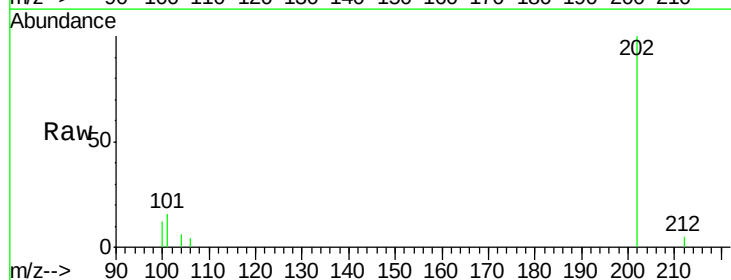
Tgt Ion:202 Resp: 4005

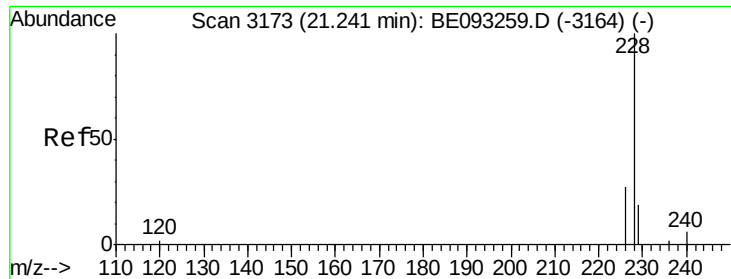
Ion Ratio Lower Upper

202 100

101 16.1 0.0 30.3

100 11.9 0.0 39.5

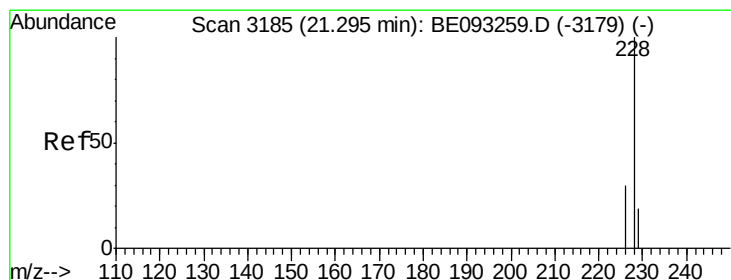
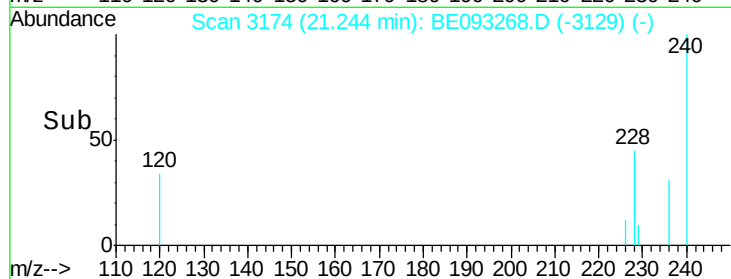
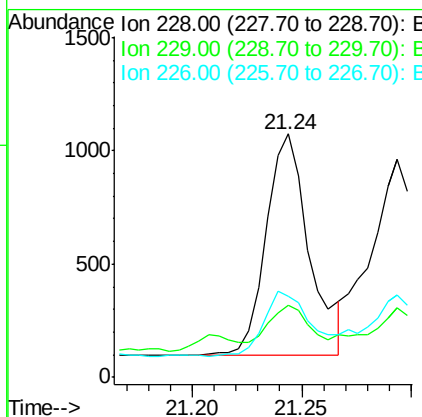
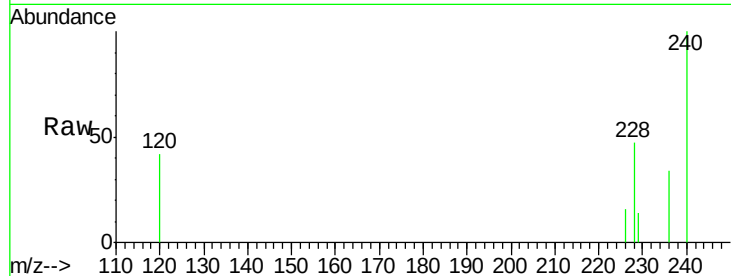




#18
Benzo(a)anthracene
Concen: 0.026 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093268.D
Acq: 20 Jun 2017 1:55

Instrument :
BNA_E
ClientSampleId :
F5C94

Tgt 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: 0.024 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#

