

Data File : BE093157.D
Acq On : 14 Jun 2017 7:23
Operator : SJ/MA
Sample : I3520-18
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B65

Quant Time: Jun 14 08:41:10 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4607	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	22940	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	14022	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	33521	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	35423	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1338253	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	6706	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	18146	0.20	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	1944	0.03	ng/ul#	90
5) 2-Methylnaphthalene	12.18	142	453	0.01	ng/ul	97
7) Acenaphthylene	14.08	152	10811	0.18	ng/ul	97
12) Phenanthrene	17.13	178	6798	0.07	ng/ul#	88
13) Anthracene	17.22	178	10970	0.14	ng/ul#	89
15) Fluoranthene	19.15	202	69111	0.61	ng/ul	84
17) Pyrene	19.51	202	101308	0.97	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	46655	0.49	ng/ul#	84
19) Chrysene	21.29	228	68652	0.70	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	137560	0.03	ng/ul	86
22) Benzo(k)fluoranthene	22.93	252	174293	0.04	ng/ul#	88
23) Benzo(a)pyrene	23.45	252	64532	0.02	ng/ul#	86

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

Data File : BE093157.D

Acq On : 14 Jun 2017 7:23

Operator : SJ/MA

Sample : I3520-18

Misc :

ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B65

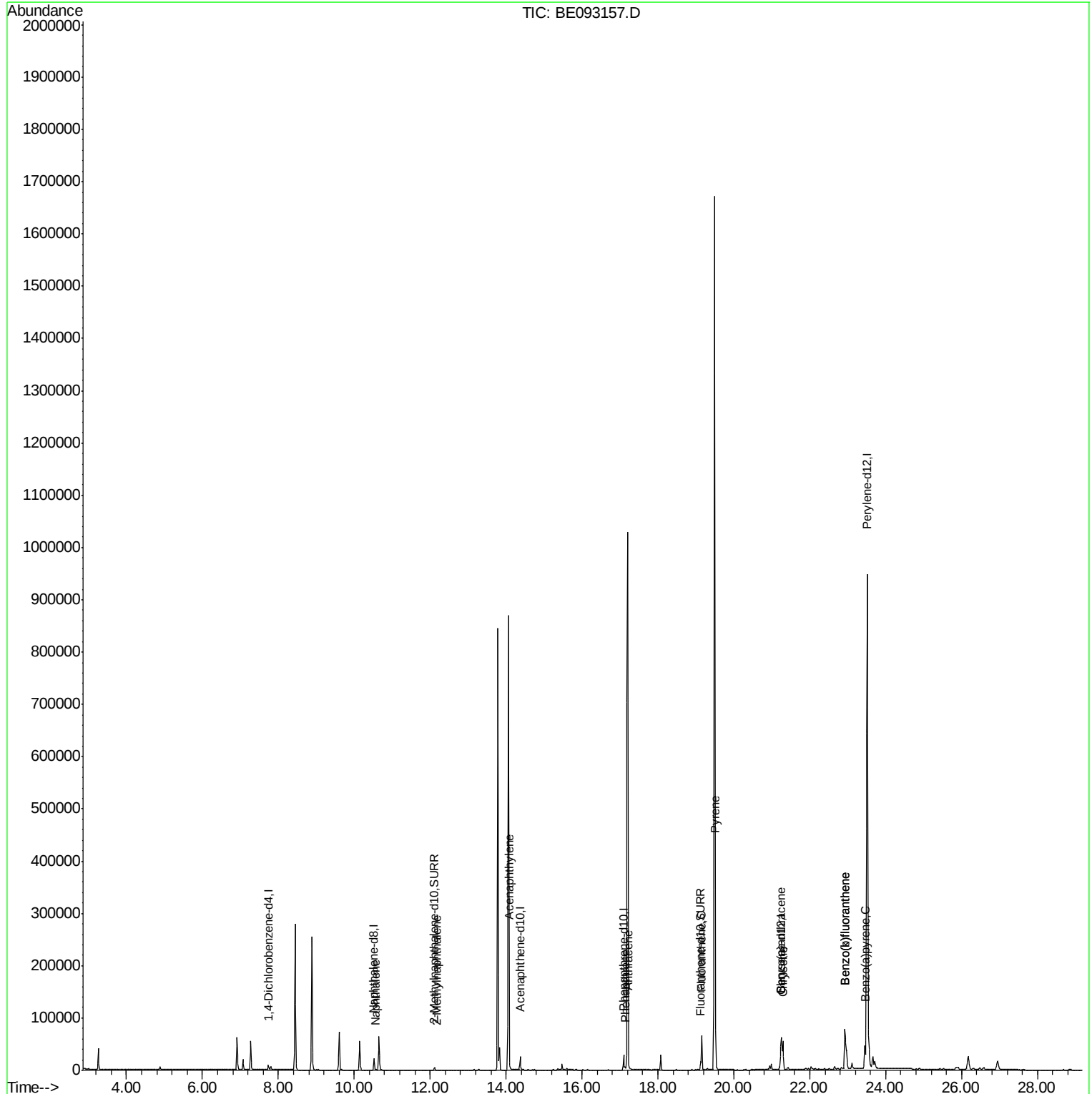
Quant Time: Jun 14 08:41:10 2017

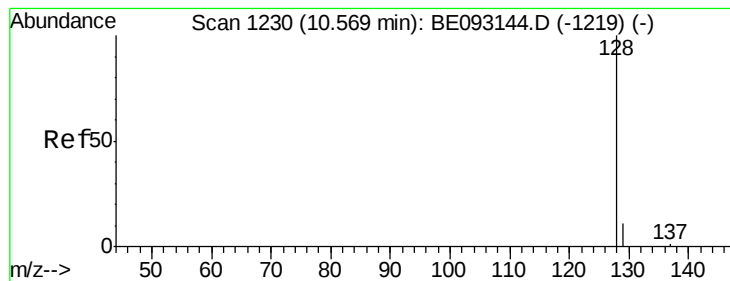
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 14 08:39:04 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

Instrument :

BNA_E

ClientSampleId :

F5B65

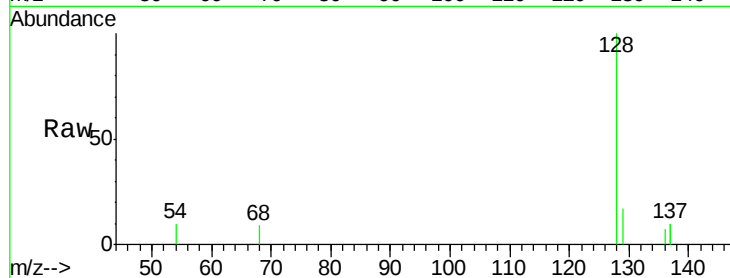
Tgt Ion:128 Resp: 1944

Ion Ratio Lower Upper

128 100

129 17.4 11.3 16.9#

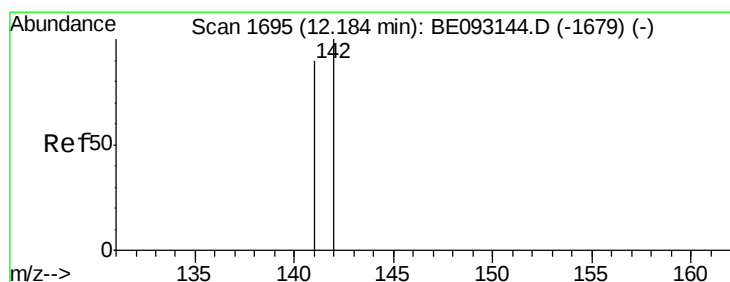
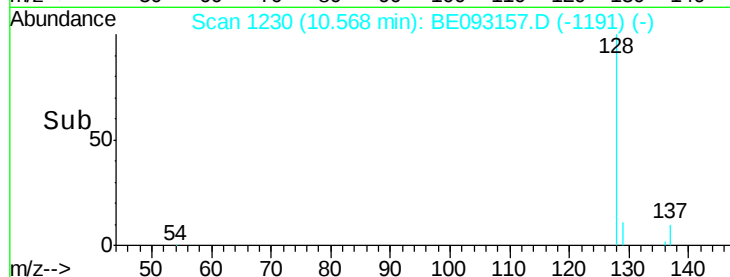
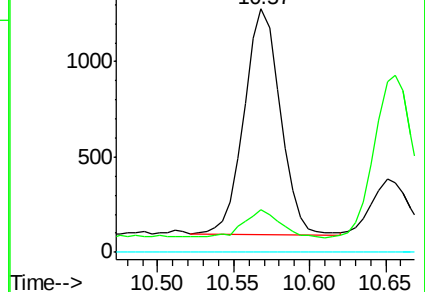
127 0.0 4.0 6.0#



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: 0.01 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE093157.D

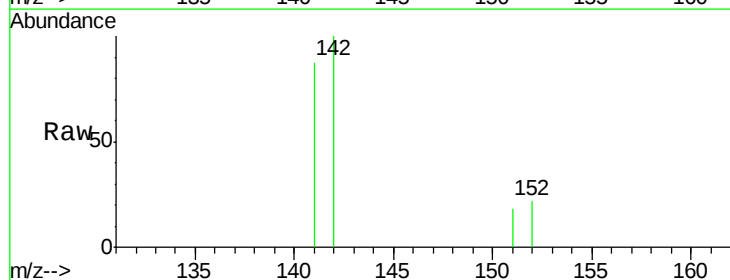
Acq: 14 Jun 2017 7:23

Tgt Ion:142 Resp: 453

Ion Ratio Lower Upper

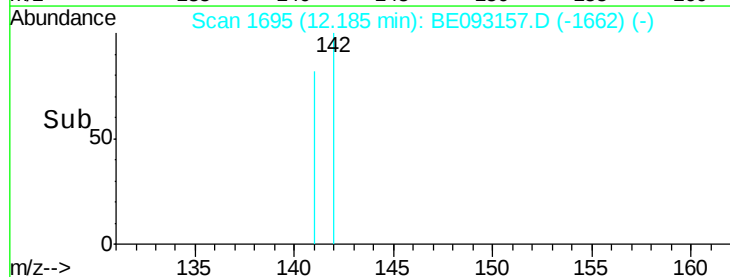
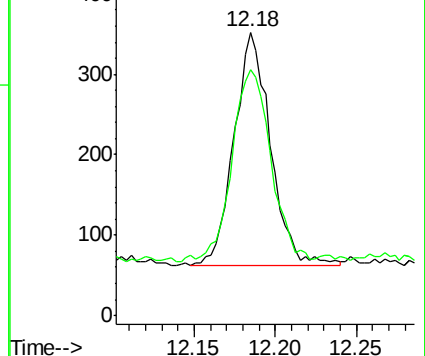
142 100

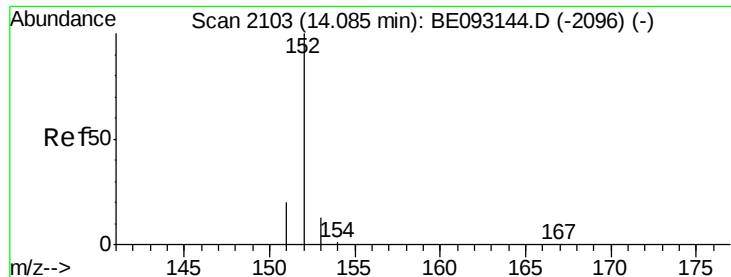
141 88.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.18 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

Instrument :

BNA_E

ClientSampleId :

F5B65

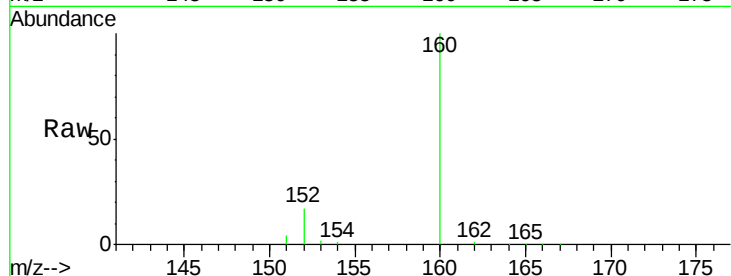
Tgt Ion:152 Resp: 10811

Ion Ratio Lower Upper

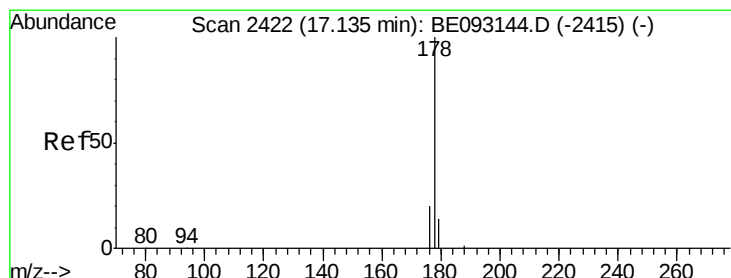
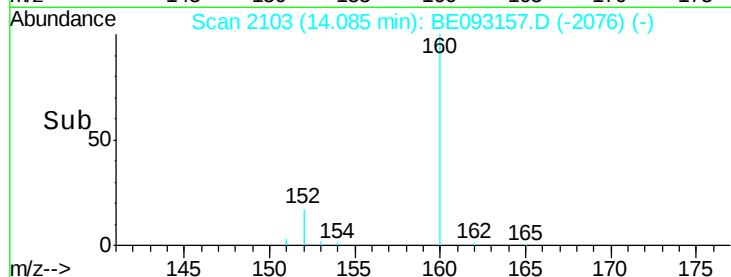
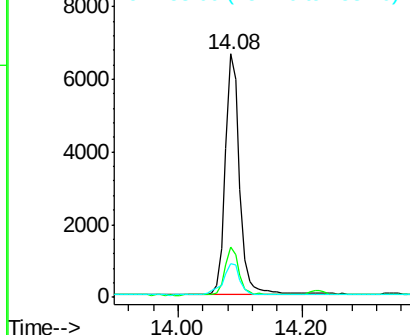
152 100

151 20.5 17.1 25.7

153 13.8 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



#12

Phenanthrene

Concen: 0.07 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

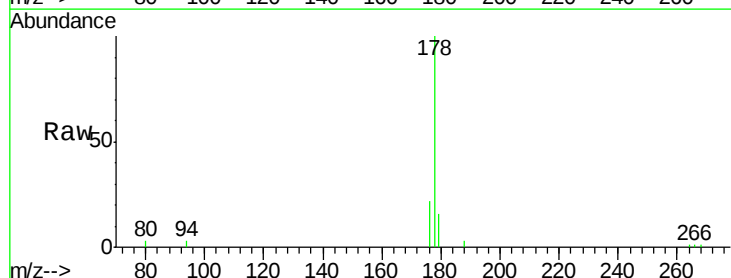
Tgt Ion:178 Resp: 6798

Ion Ratio Lower Upper

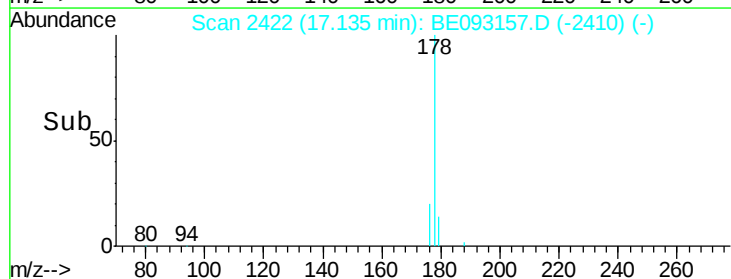
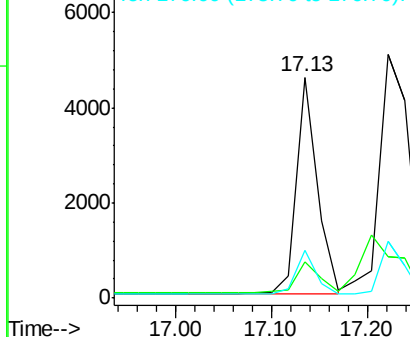
178 100

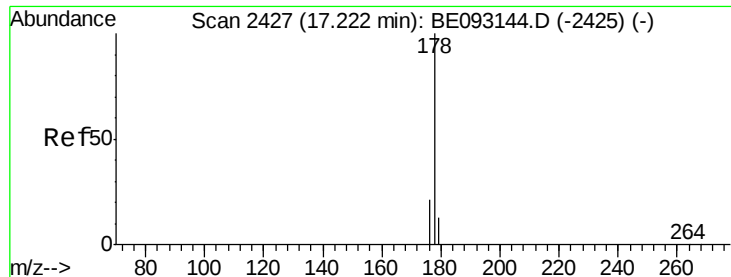
179 16.4 18.4 27.6#

176 21.5 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: 0.14 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

Instrument :

BNA_E

ClientSampleId :

F5B65

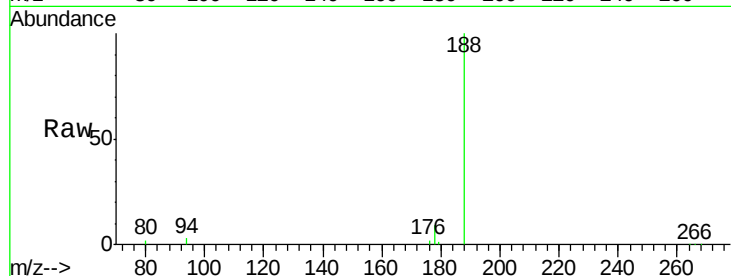
Tgt Ion:178 Resp: 10970

Ion Ratio Lower Upper

178 100

179 16.7 18.1 27.1#

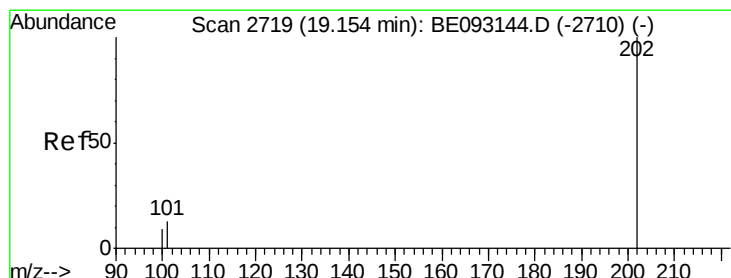
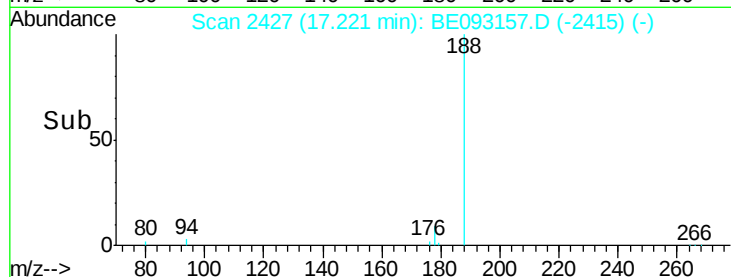
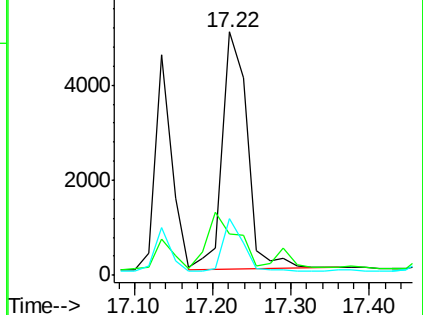
176 23.1 14.7 22.1#



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: 0.61 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

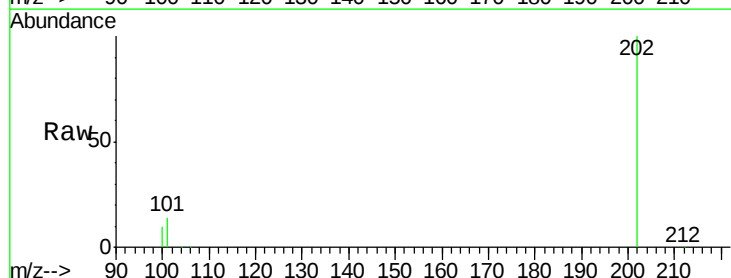
Tgt Ion:202 Resp: 69111

Ion Ratio Lower Upper

202 100

101 13.9 0.0 30.3

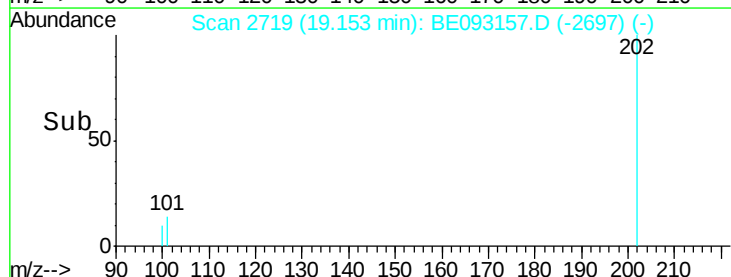
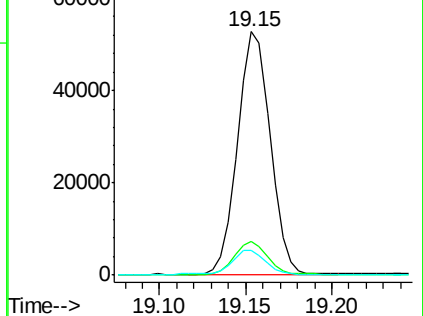
100 10.4 0.0 39.5

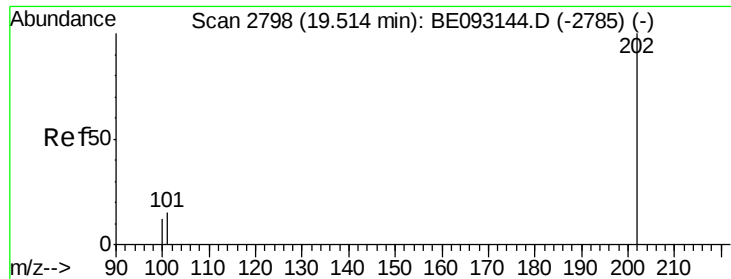


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

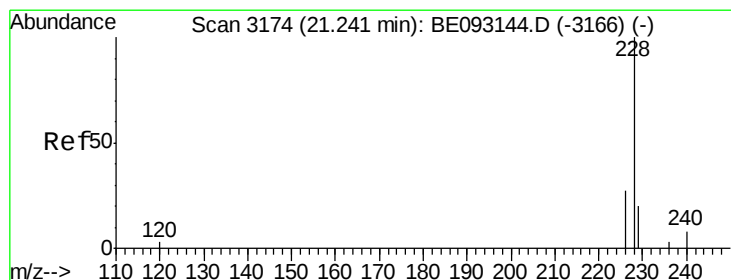
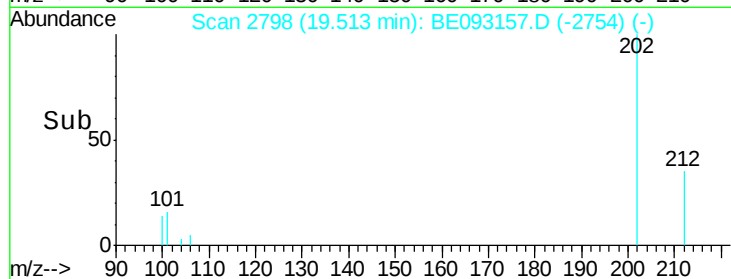
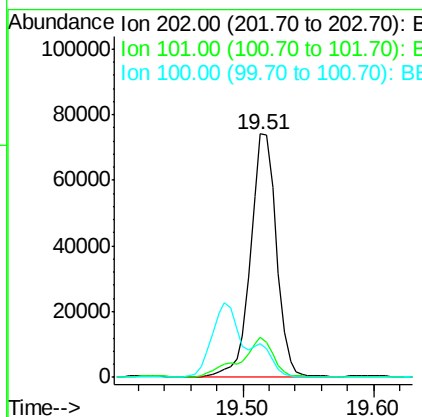
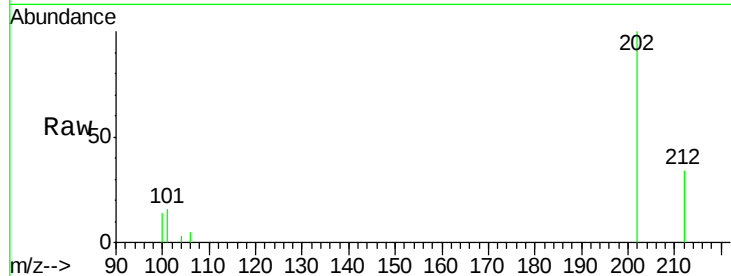




#17
 Pyrene
 Concen: 0.97 ng/ul
 RT: 19.51 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BE093157.D
 Acq: 14 Jun 2017 7:23

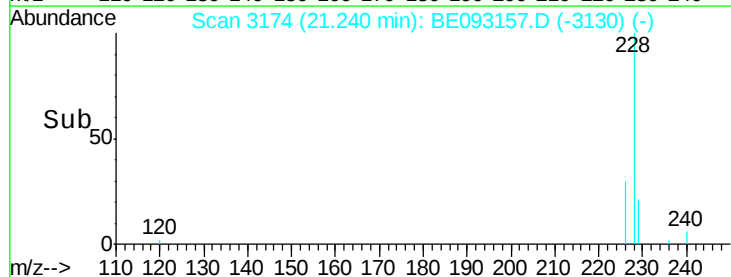
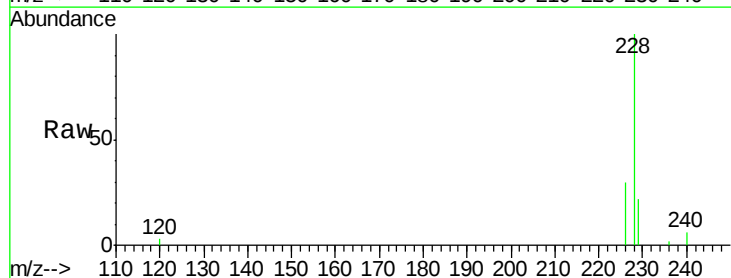
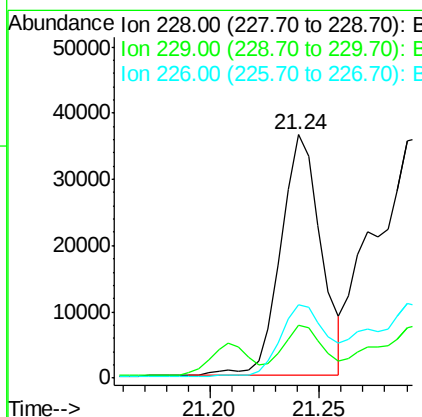
Instrument :
 BNA_E
 ClientSampleId :
 F5B65

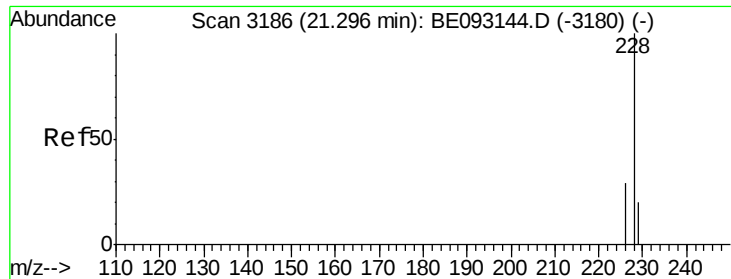
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.2	18.2	27.4#
100	13.8	15.6	23.4#



#18
 Benzo(a)anthracene
 Concen: 0.49 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BE093157.D
 Acq: 14 Jun 2017 7:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	30.2	17.0	25.6#





#19

Chrysene

Concen: 0.70 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

Instrument :

BNA_E

ClientSampleId :

F5B65

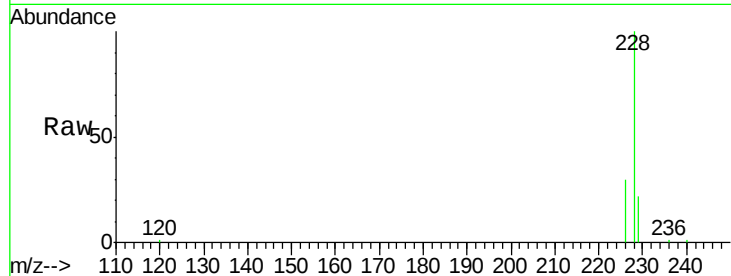
Tgt Ion:228 Resp: 68652

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.0

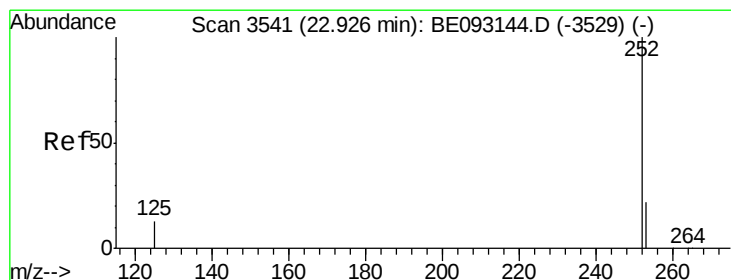
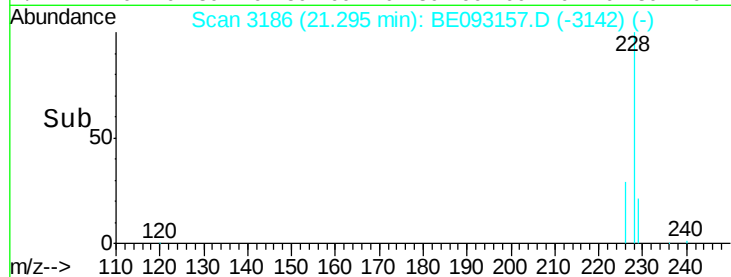
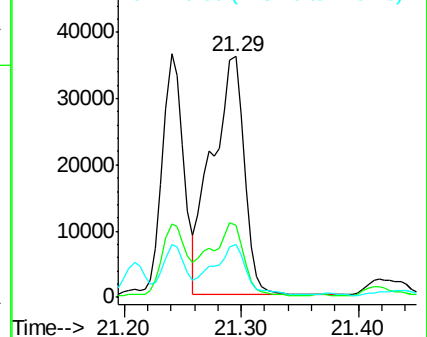
229 21.9 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

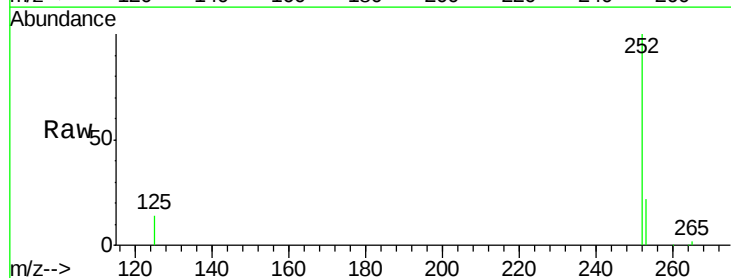
Tgt Ion:252 Resp: 137560

Ion Ratio Lower Upper

252 100

253 22.4 0.0 64.2

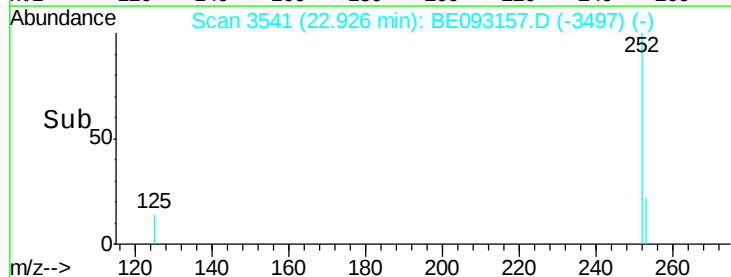
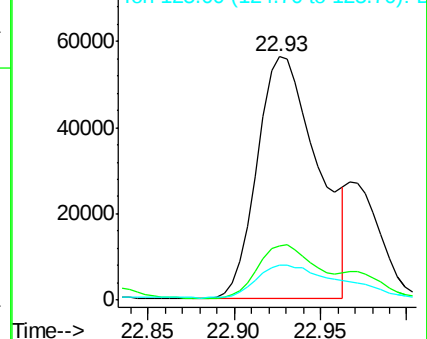
125 14.4 0.0 35.0

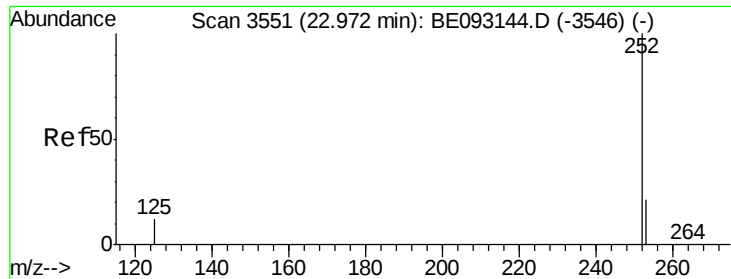


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.04 ng/u1

RT: 22.93 min Scan# 3541

Delta R.T. -0.05 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

Instrument :

BNA_E

ClientSampleId :

F5B65

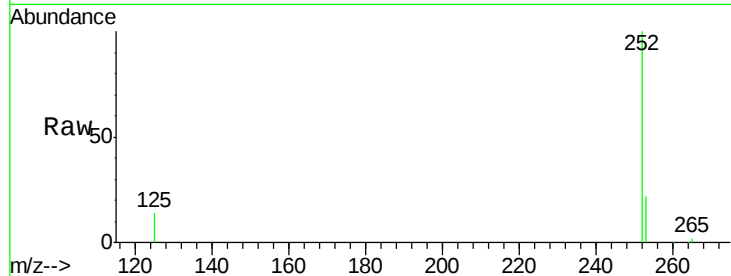
Tgt Ion:252 Resp: 174293

Ion Ratio Lower Upper

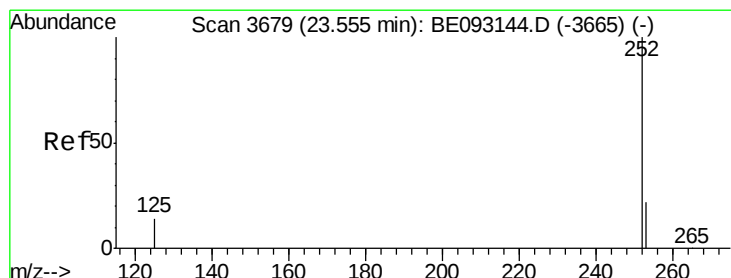
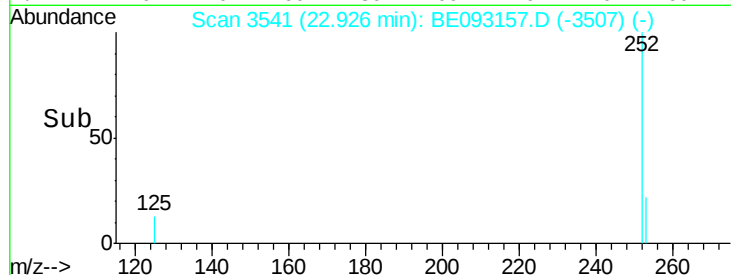
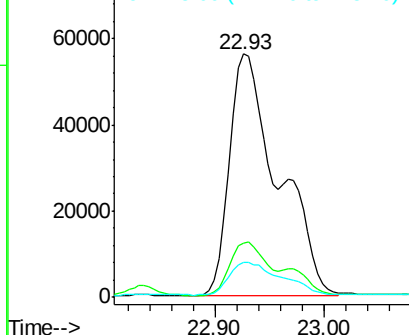
252 100

253 22.4 24.5 36.7#

125 14.4 13.7 20.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.02 ng/u1

RT: 23.45 min Scan# 3656

Delta R.T. -0.11 min

Lab File: BE093157.D

Acq: 14 Jun 2017 7:23

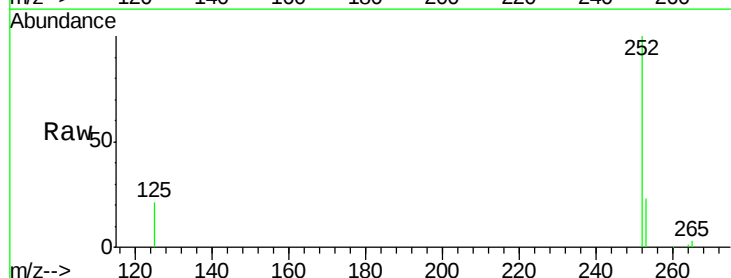
Tgt Ion:252 Resp: 64532

Ion Ratio Lower Upper

252 100

253 23.2 28.5 42.7#

125 20.9 18.1 27.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

