

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
 Data File : BE093729.D
 Acq On : 8 Aug 2017 22:25
 Operator : SJ/JU
 Sample : I4529-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB1

Quant Time: Aug 09 05:32:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 05:31:57 2017
 Response via : Initial Calibration

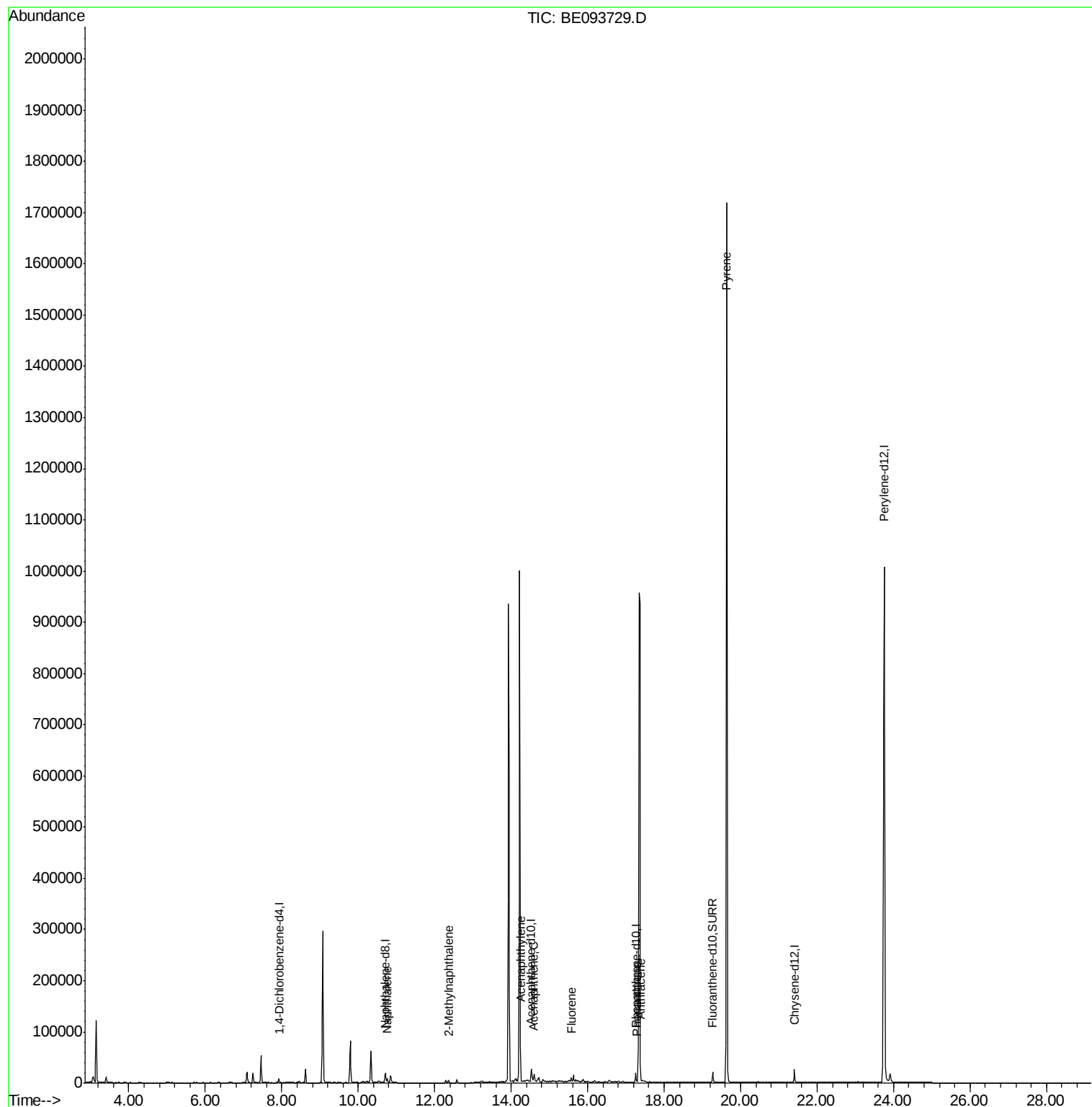
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3770	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	19752	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	13146	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	25773	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	25206	0.40	ng/ul	0.00
20) Perylene-d12	23.75	264	1489847	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.19	152	384	0.01	ng/ul	-0.10
14) Fluoranthene-d10	19.27	212	21042	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	12216	0.254	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	4466	0.127	ng/ul	100
7) Acenaphthylene	14.25	152	1638	0.030	ng/ul#	75
8) Acenaphthene	14.59	153	1470	0.034	ng/ul	92
9) Fluorene	15.57	166	4744	0.087	ng/ul	87
12) Phenanthrene	17.29	178	2413	0.034	ng/ul#	55
13) Anthracene	17.38	178	1388	0.020	ng/ul#	1
17) Pyrene	19.64	202	3579	0.049	ng/ul#	1

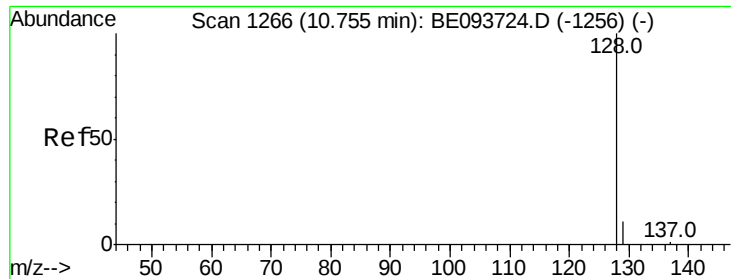
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
Data File : BE093729.D
Acq On : 8 Aug 2017 22:25
Operator : SJ/JU
Sample : I4529-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AB1

Quant Time: Aug 09 05:32:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 05:31:57 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.254 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093729.D

Acq: 8 Aug 2017 22:25

Instrument :

BNA_E

ClientSampleId :

C0AB1

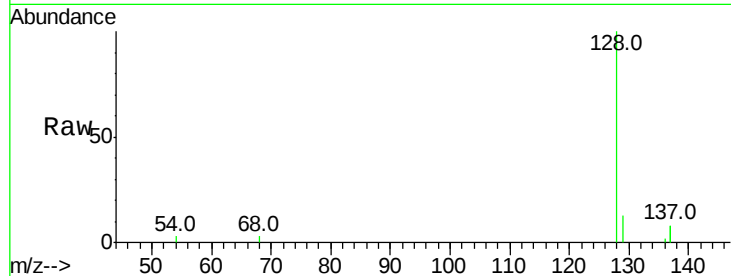
Tot Ion:128 Resp: 12216

Ion Ratio Lower Upper

128 100

129 12.8 11.3 16.9

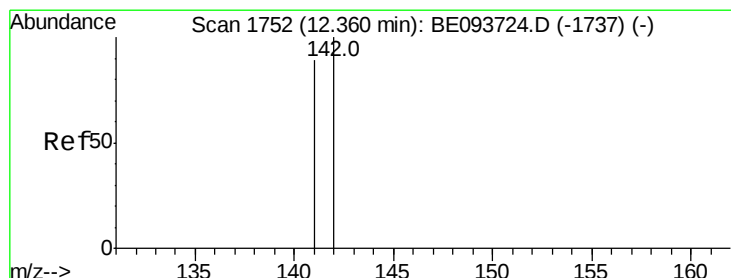
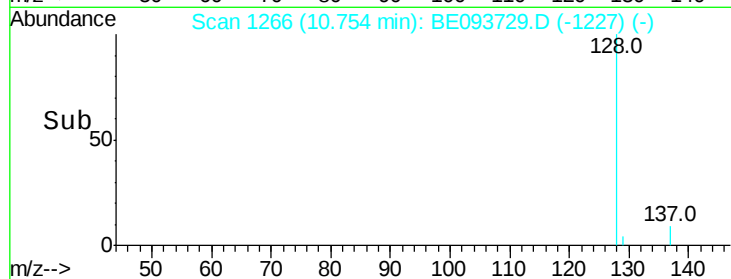
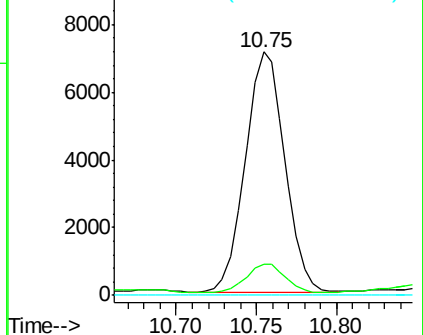
127 0.0 4.0 6.0#



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: 0.127 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093729.D

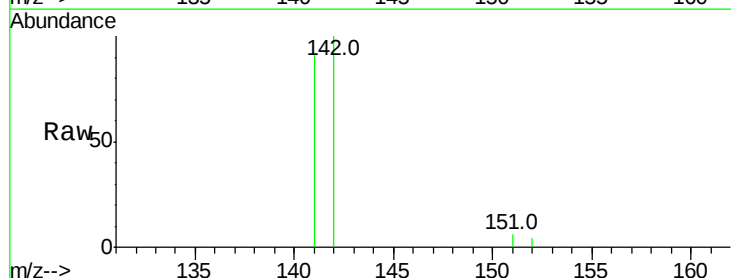
Acq: 8 Aug 2017 22:25

Tgt Ion:142 Resp: 4466

Ion Ratio Lower Upper

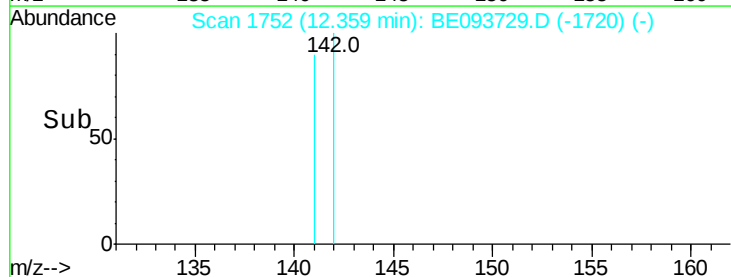
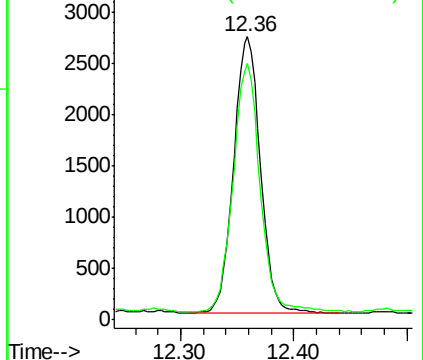
142 100

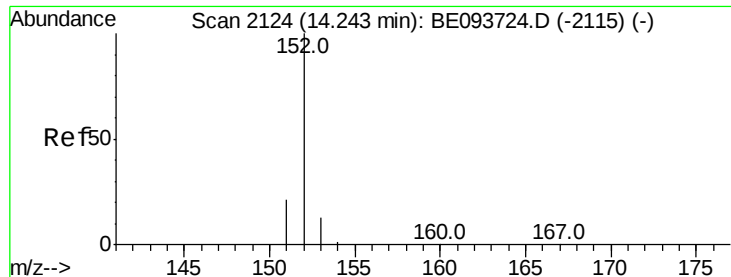
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE093729.D

Acq: 8 Aug 2017 22:25

Instrument :

BNA_E

ClientSampleId :

C0AB1

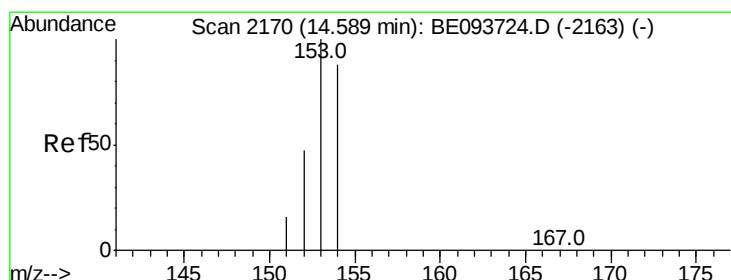
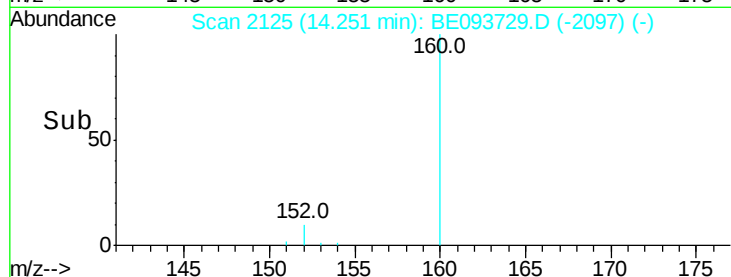
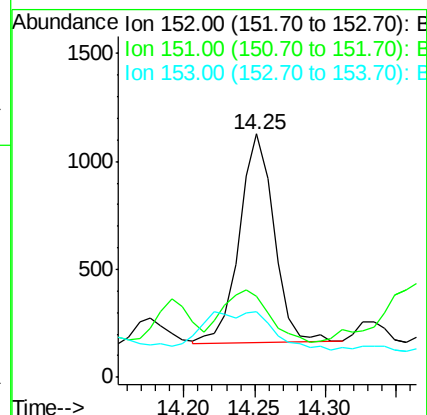
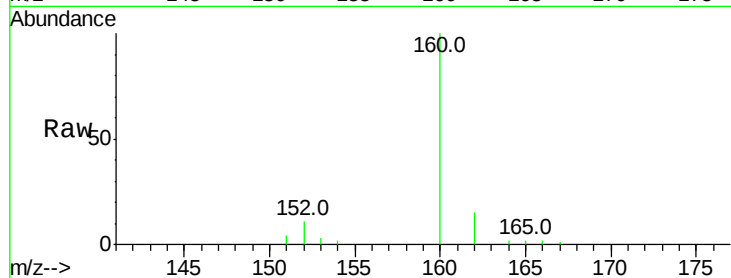
Tot Ion:152 Resp: 1638

Ion Ratio Lower Upper

152 100

151 33.1 17.1 25.7#

153 27.1 12.8 19.2#



#8

Acenaphthene

Concen: 0.034 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BE093729.D

Acq: 8 Aug 2017 22:25

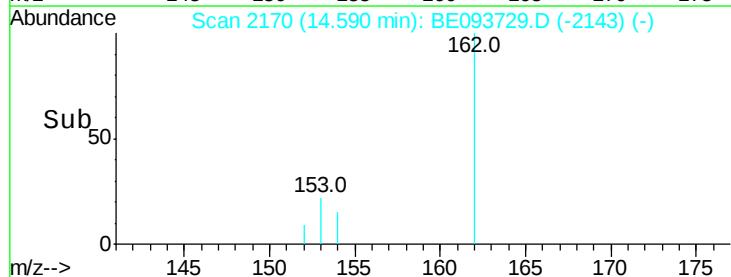
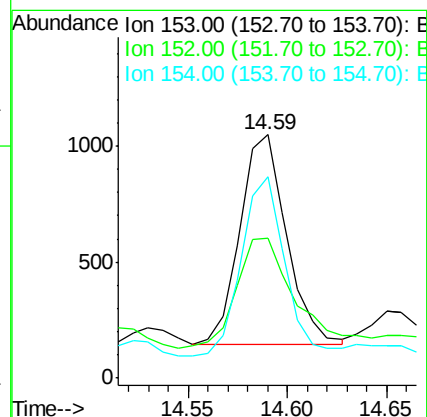
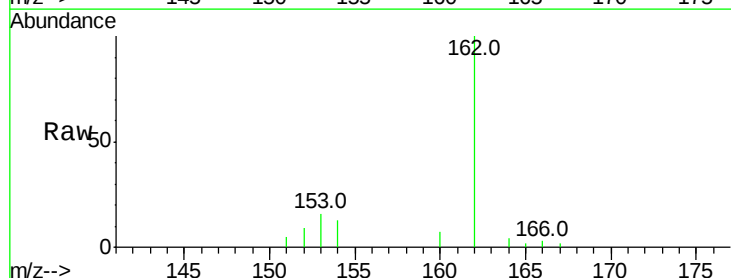
Tgt Ion:153 Resp: 1470

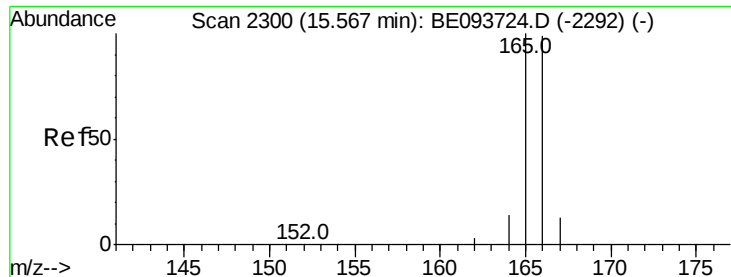
Ion Ratio Lower Upper

153 100

152 57.2 40.3 60.5

154 82.6 71.4 107.2





#9

Fluorene

Concen: 0.087 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE093729.D

Acq: 8 Aug 2017 22:25

Instrument :

BNA_E

ClientSampleId :

C0AB1

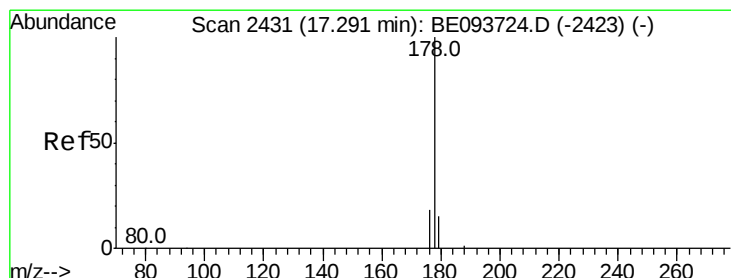
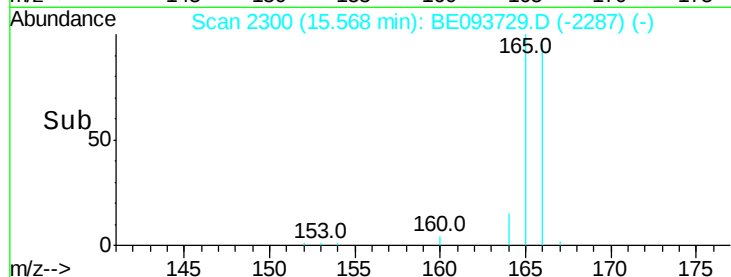
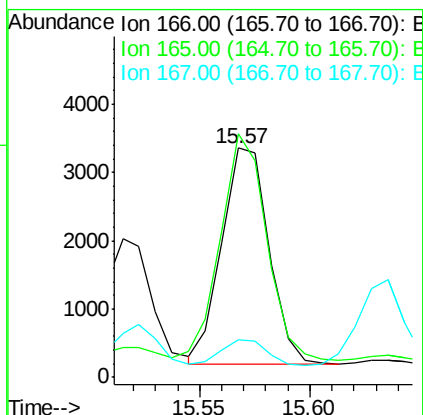
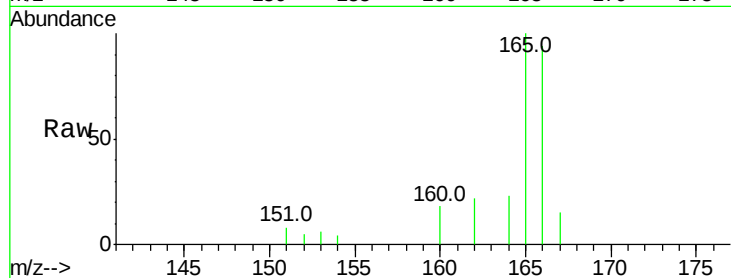
Tot Ion:166 Resp: 4744

Ion Ratio Lower Upper

166 100

165 106.3 73.4 110.2

167 16.4 14.6 22.0



#12

Phenanthrene

Concen: 0.034 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093729.D

Acq: 8 Aug 2017 22:25

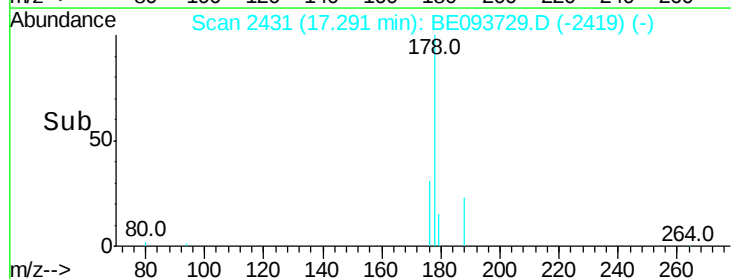
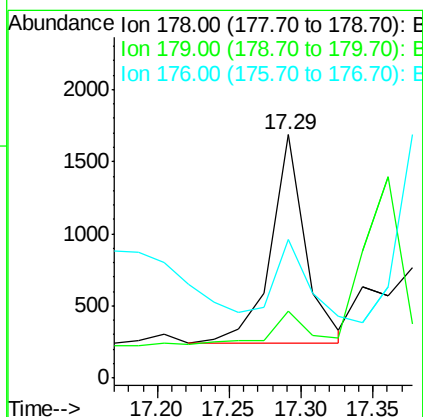
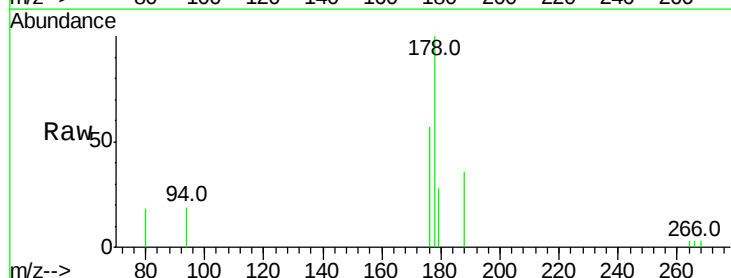
Tgt Ion:178 Resp: 2413

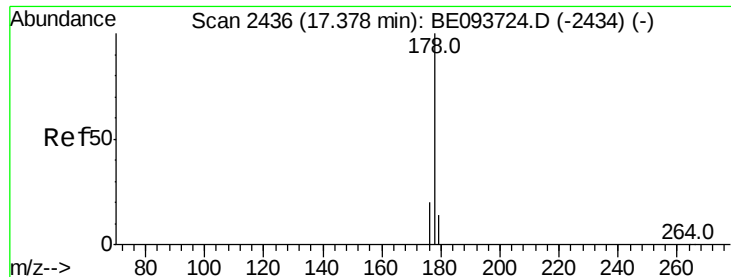
Ion Ratio Lower Upper

178 100

179 27.6 18.4 27.6#

176 57.0 13.6 20.4#





#13

Anthracene

Concen: 0.020 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093729.D

Acq: 8 Aug 2017 22:25

Instrument :

BNA_E

ClientSampleId :

C0AB1

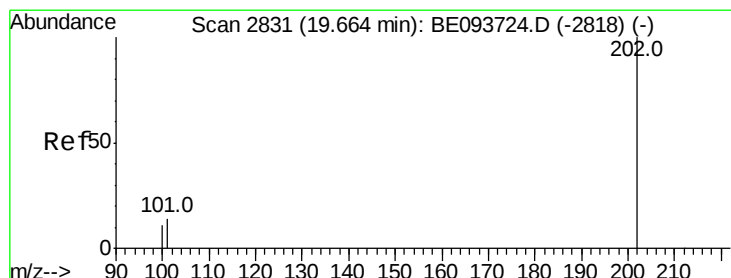
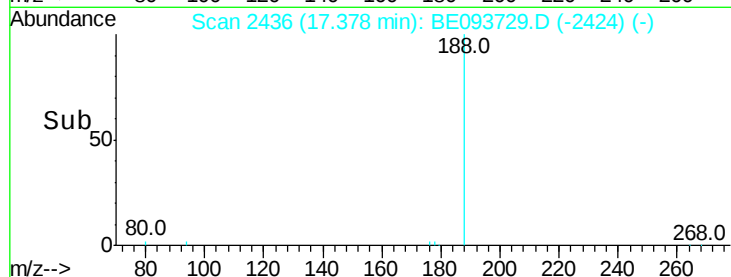
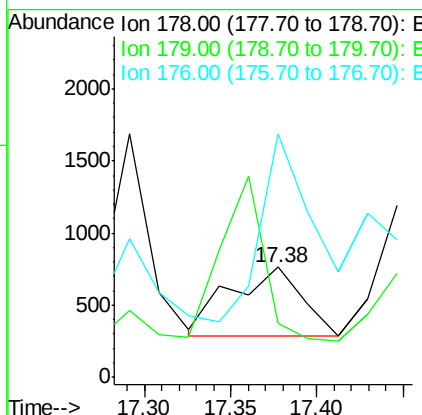
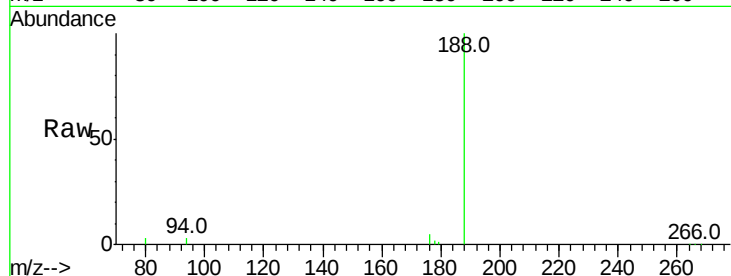
Tot Ion:178 Resp: 1388

Ion Ratio Lower Upper

178 100

179 49.0 18.1 27.1#

176 220.7 14.7 22.1#



#17

Pyrene

Concen: 0.049 ng/ul

RT: 19.64 min Scan# 2825

Delta R.T. -0.03 min

Lab File: BE093729.D

Acq: 8 Aug 2017 22:25

Tgt Ion:202 Resp: 3579

Ion Ratio Lower Upper

202 100

101 161.0 18.2 27.4#

100 904.5 15.6 23.4#

