

Data File : BE093174.D
Acq On : 14 Jun 2017 17:55
Operator : SJ/MA
Sample : I3646-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AD1

Quant Time: Jun 15 02:28:26 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 02:27:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	4713	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	21864	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	13124	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	46714	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	7613	0.40	ng/ul	0.04
20) Perylene-d12	23.63	264	749085	0.40	ng/ul	-0.03

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	8372	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	23296	0.18	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	23203	0.43	ng/ul#	95
5) 2-Methylnaphthalene	12.18	142	8635	0.23	ng/ul	99
7) Acenaphthylene	13.94	152	25540	0.45	ng/ul	97
8) Acenaphthene	14.46	153	10155	0.22	ng/ul#	48
9) Fluorene	15.42	166	5769	0.11	ng/ul#	74
12) Phenanthrene	17.15	178	26772	0.21	ng/ul#	23
13) Anthracene	17.27	178	27513	0.25	ng/ul#	1
15) Fluoranthene	19.15	202	54481	0.35	ng/ul	76
17) Pyrene	19.57	202	57208	2.55	ng/ul#	85
18) Benzo(a)anthracene	21.31	228	63075	3.11	ng/ul#	1
19) Chrysene	21.31	228	63075	2.99	ng/ul#	1

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

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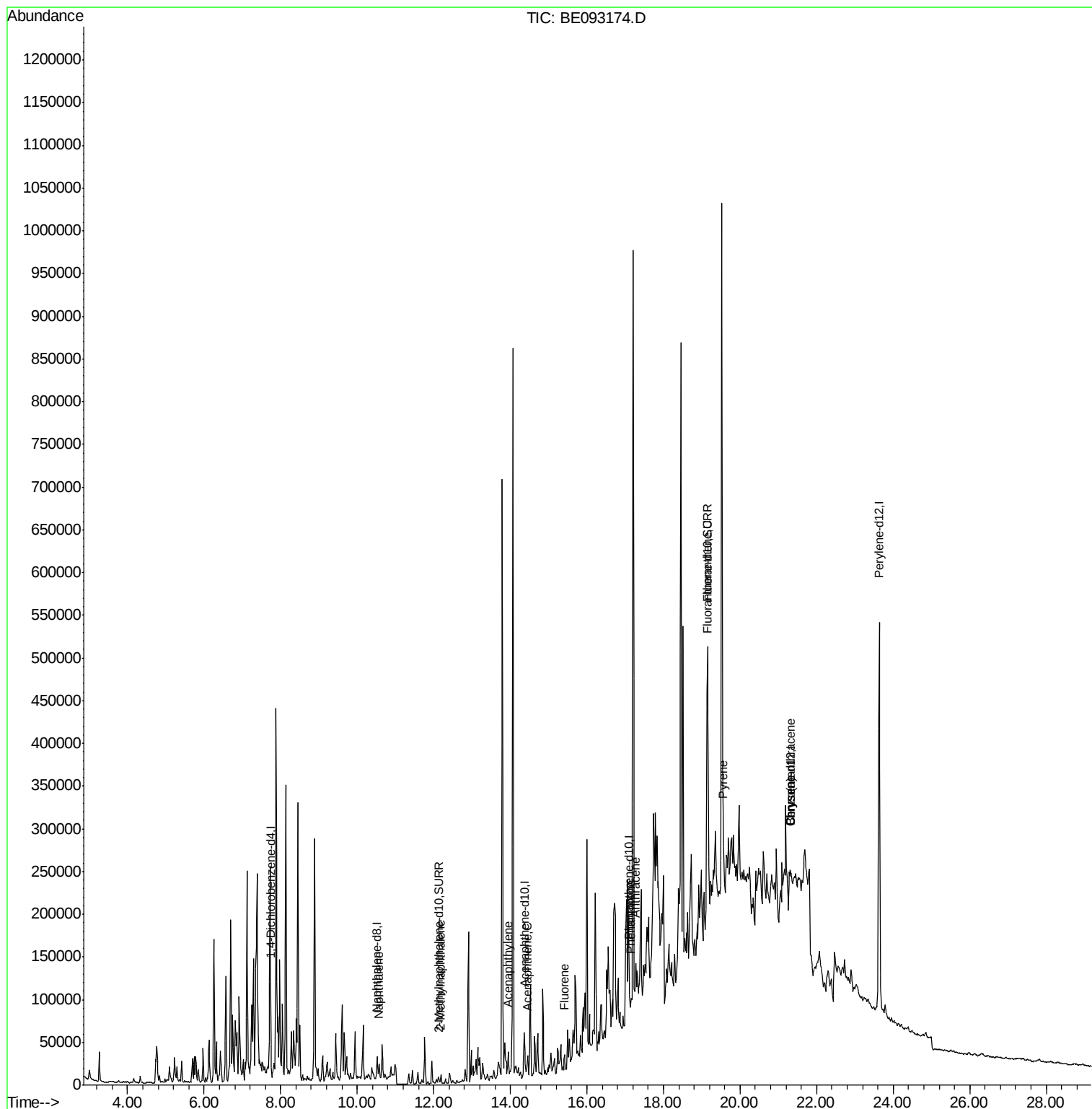
Quant Time: Jun 15 02:28:26 2017

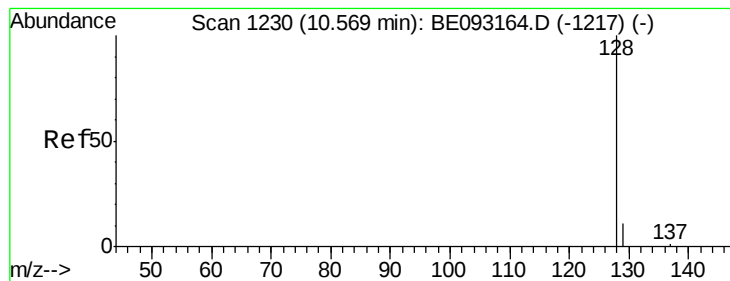
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 02:27:21 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.43 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

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Instrument :

BNA_E

ClientSampleId :

B0AD1

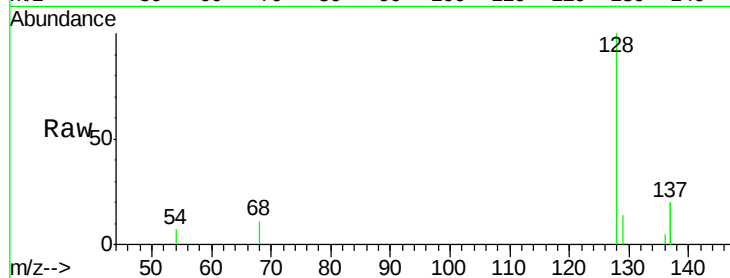
Tgt Ion:128 Resp: 23203

Ion Ratio Lower Upper

128 100

129 14.5 11.3 16.9

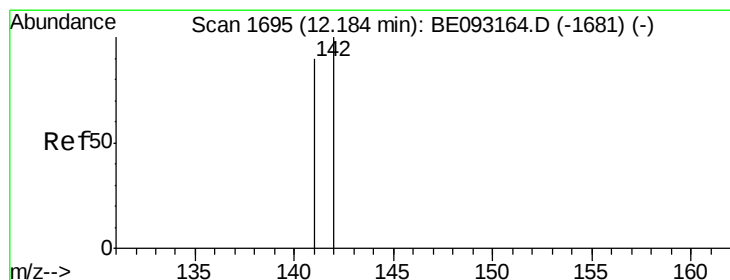
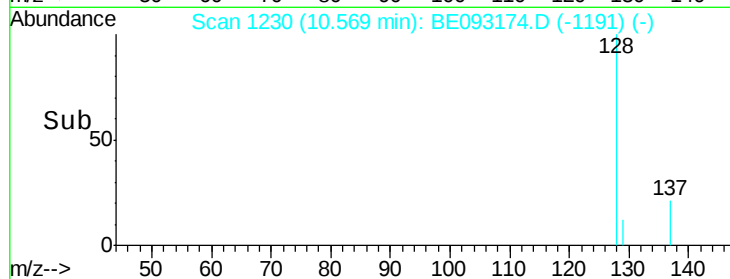
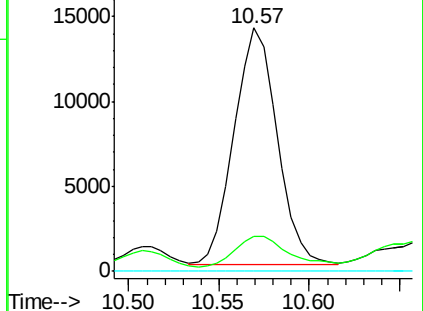
127 0.0 4.0 6.0#



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: 0.23 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE093174.D

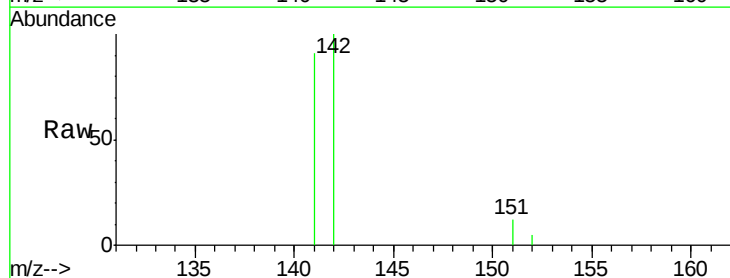
Acq: 14 Jun 2017 17:55

Tgt Ion:142 Resp: 8635

Ion Ratio Lower Upper

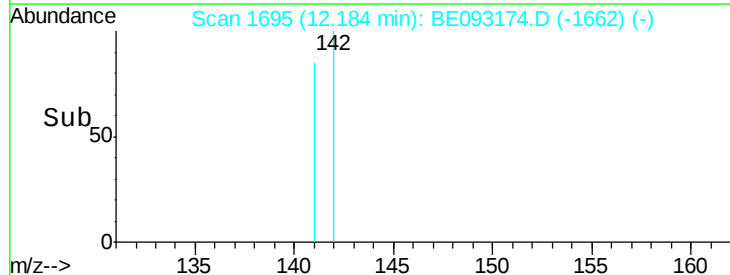
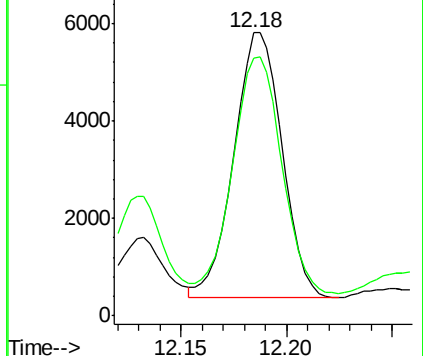
142 100

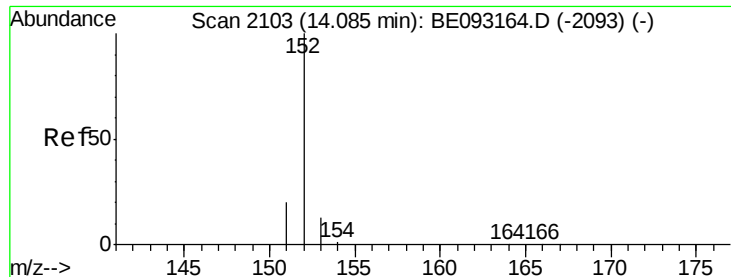
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.45 ng/ul

RT: 13.94 min Scan# 2084

Delta R.T. -0.14 min

Lab File: BE093174.D

Acq: 14 Jun 2017 17:55

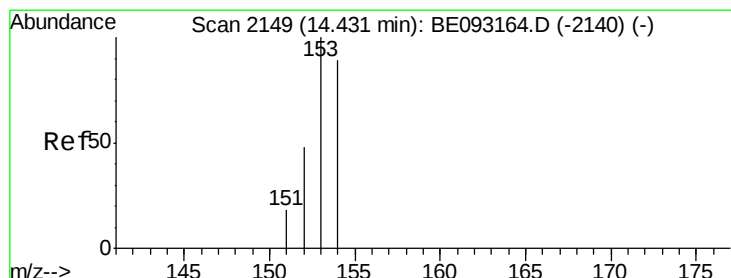
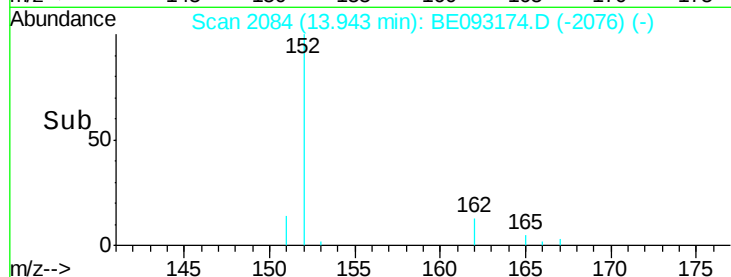
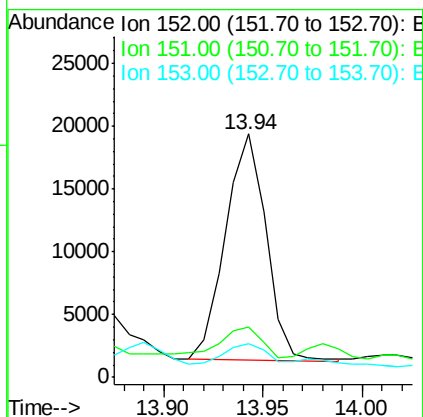
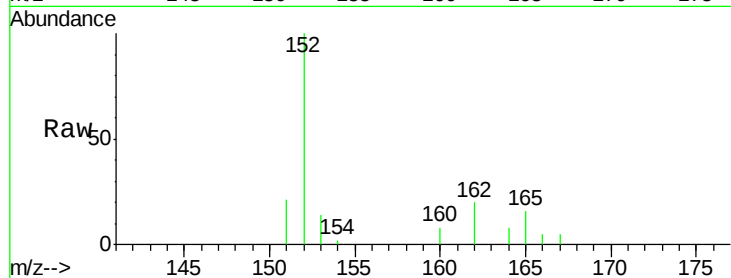
Instrument :

BNA_E

ClientSampleId :

B0AD1

Tgt Ion:	152	Resp:	25540
Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.1	25.7
153	14.0	12.8	19.2



#8

Acenaphthene

Concen: 0.22 ng/ul

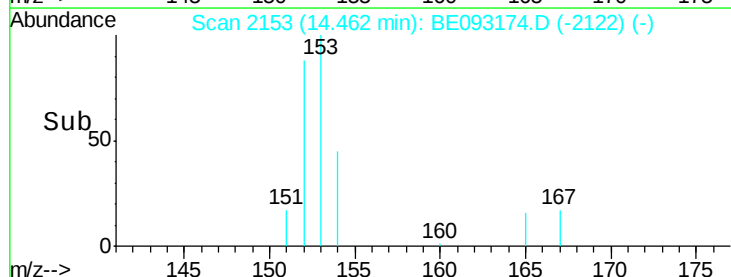
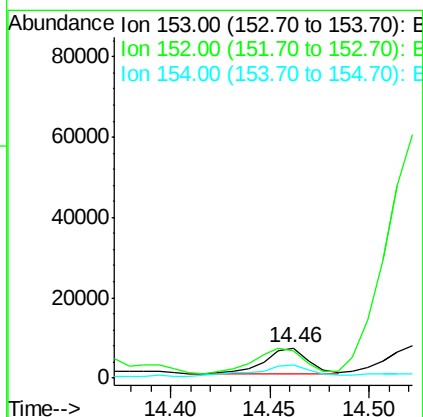
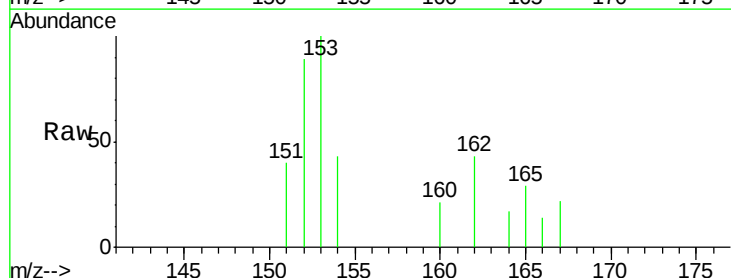
RT: 14.46 min Scan# 2153

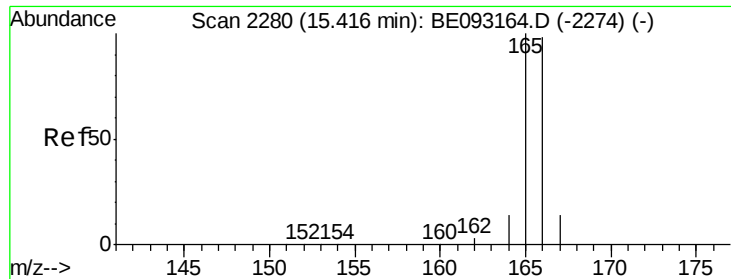
Delta R.T. 0.03 min

Lab File: BE093174.D

Acq: 14 Jun 2017 17:55

Tgt Ion:	153	Resp:	10155
Ion	Ratio	Lower	Upper
153	100		
152	89.0	40.3	60.5#
154	42.8	71.4	107.2#





#9

Fluorene

Concen: 0.11 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093174.D

Acq: 14 Jun 2017 17:55

Instrument :

BNA_E

ClientSampleId :

B0AD1

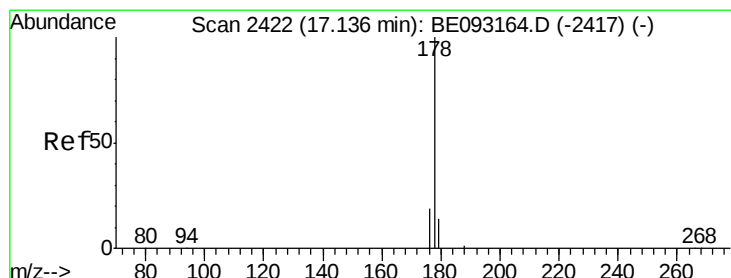
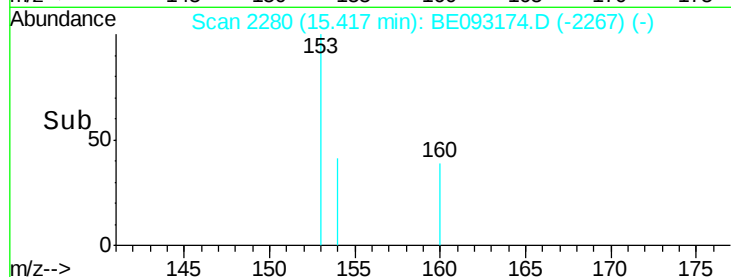
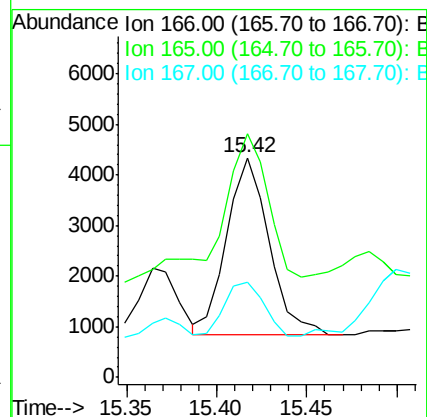
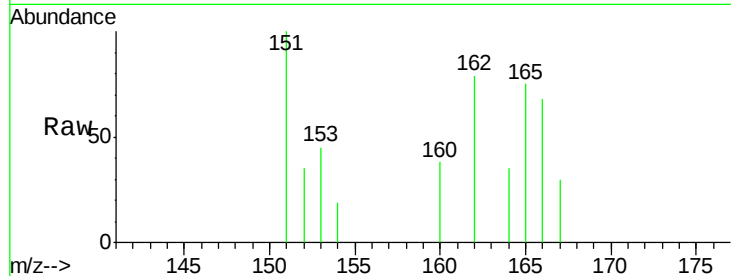
Tgt Ion:166 Resp: 5769

Ion Ratio Lower Upper

166 100

165 110.9 73.4 110.2#

167 43.6 14.6 22.0#



#12

Phenanthrene

Concen: 0.21 ng/ul

RT: 17.15 min Scan# 2423

Delta R.T. 0.02 min

Lab File: BE093174.D

Acq: 14 Jun 2017 17:55

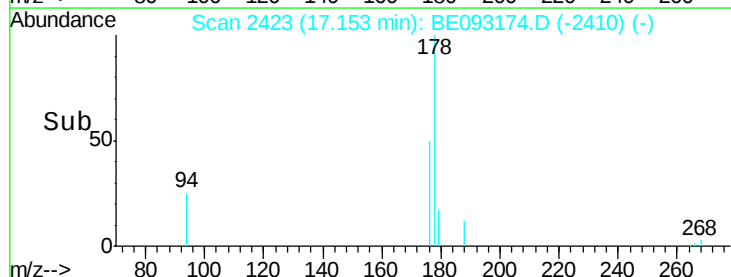
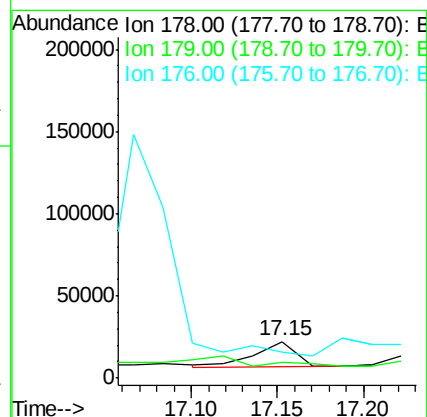
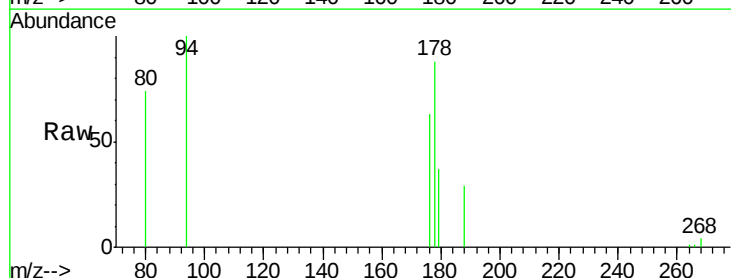
Tgt Ion:178 Resp: 26772

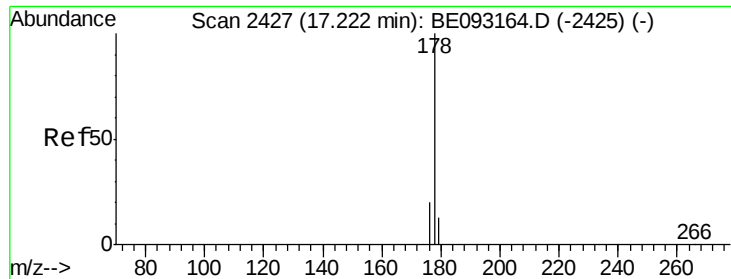
Ion Ratio Lower Upper

178 100

179 42.0 18.4 27.6#

176 72.3 13.6 20.4#





#13

Anthracene

Concen: 0.25 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. 0.05 min

Lab File: BE093174.D

Acq: 14 Jun 2017 17:55

Instrument :

BNA_E

ClientSampleId :

B0AD1

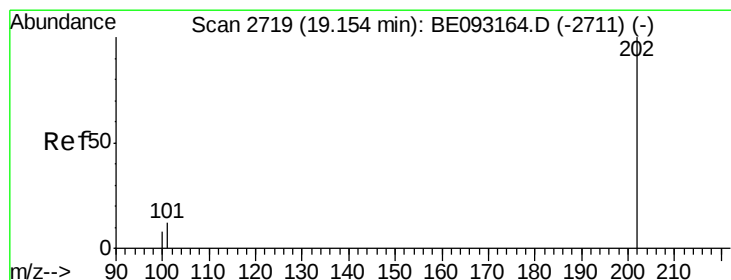
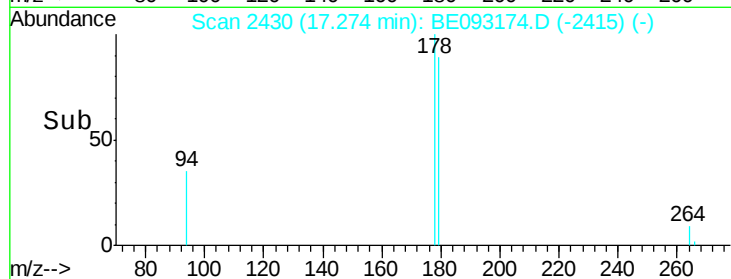
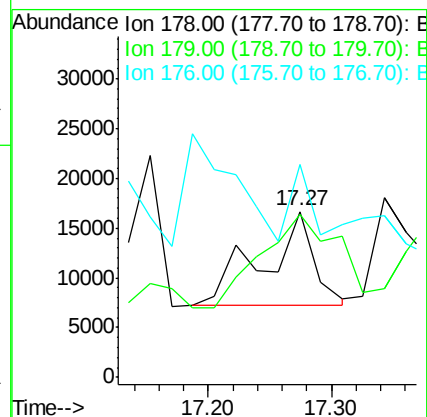
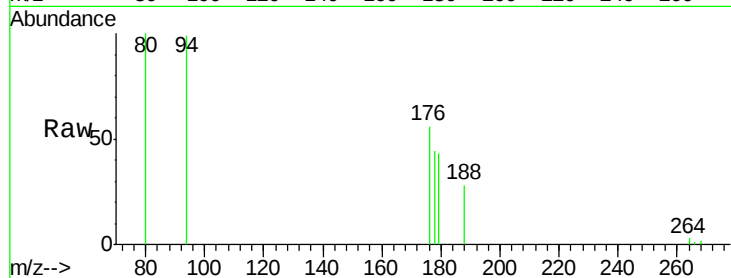
Tgt Ion:178 Resp: 27513

Ion Ratio Lower Upper

178 100

179 98.3 18.1 27.1#

176 128.6 14.7 22.1#



#15

Fluoranthene

Concen: 0.35 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE093174.D

Acq: 14 Jun 2017 17:55

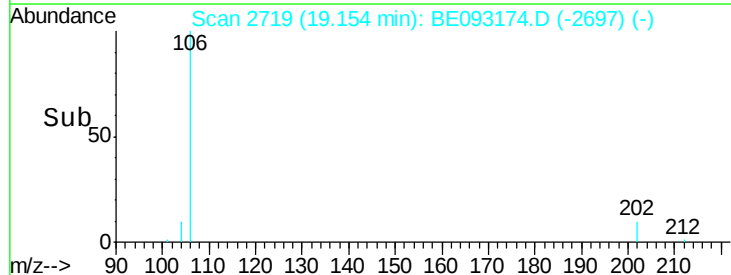
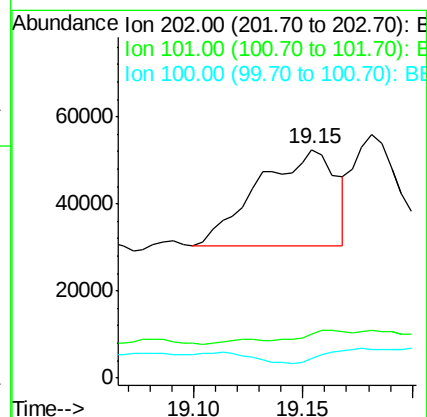
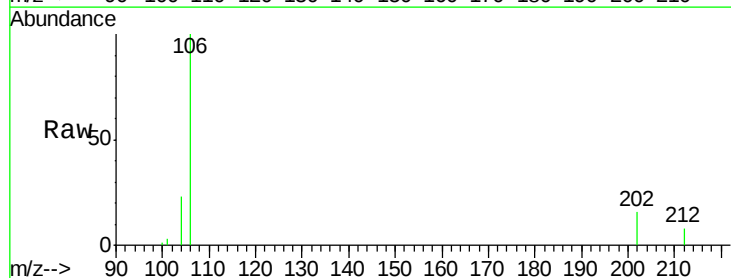
Tgt Ion:202 Resp: 54481

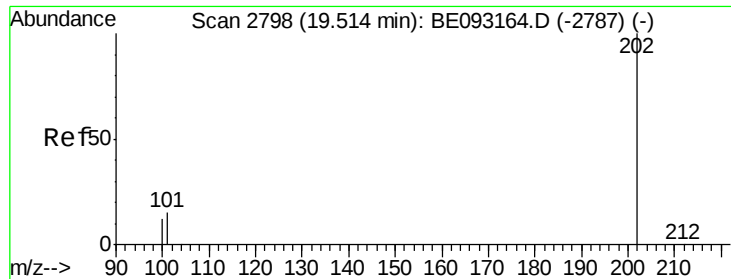
Ion Ratio Lower Upper

202 100

101 19.1 0.0 30.3

100 8.6 0.0 39.5

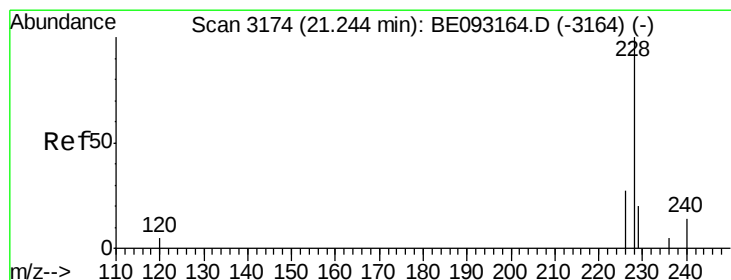
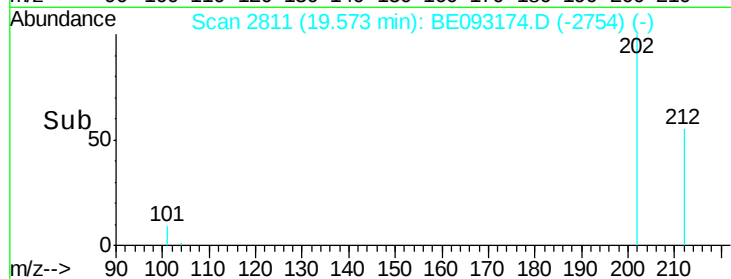
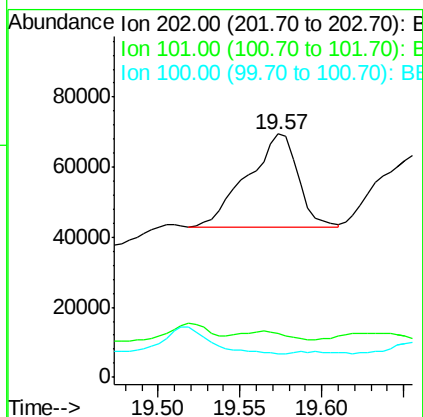
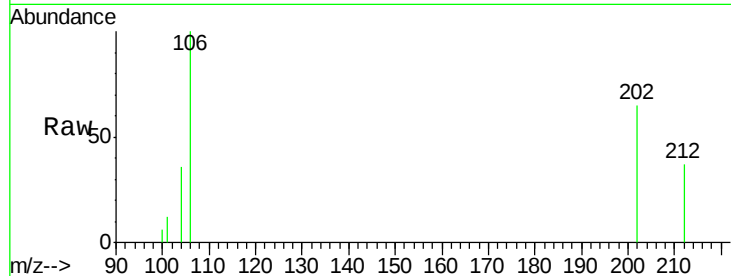




#17
 Pyrene
 Concen: 2.55 ng/ul
 RT: 19.57 min Scan# 2811
 Delta R.T. 0.06 min
 Lab File: BE093174.D
 Acq: 14 Jun 2017 17:55

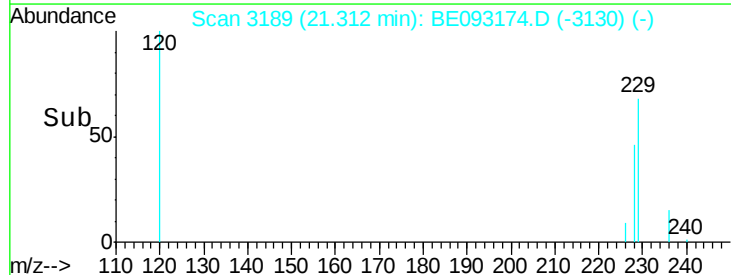
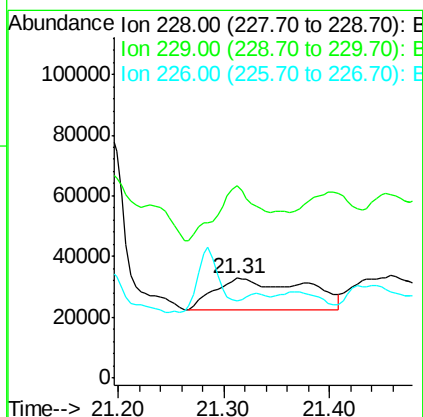
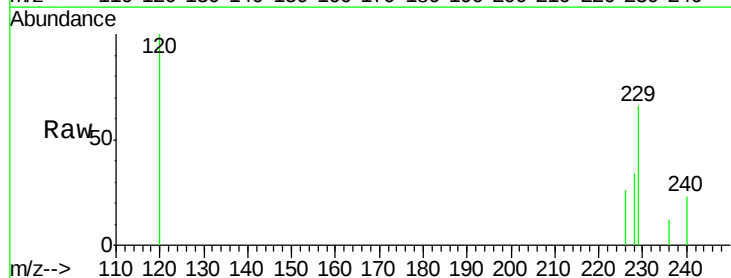
Instrument :
 BNA_E
 ClientSampleId :
 B0AD1

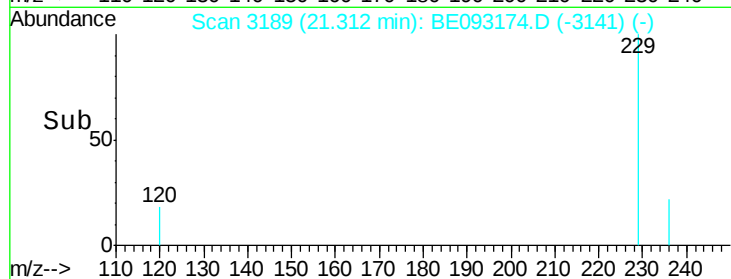
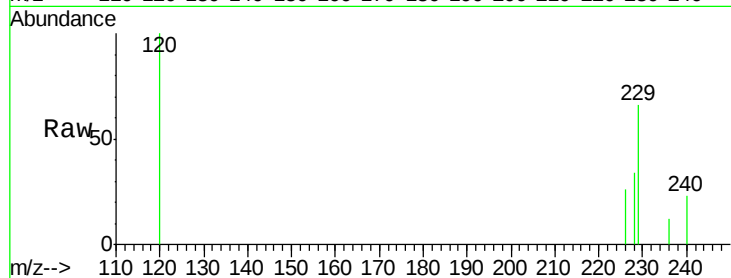
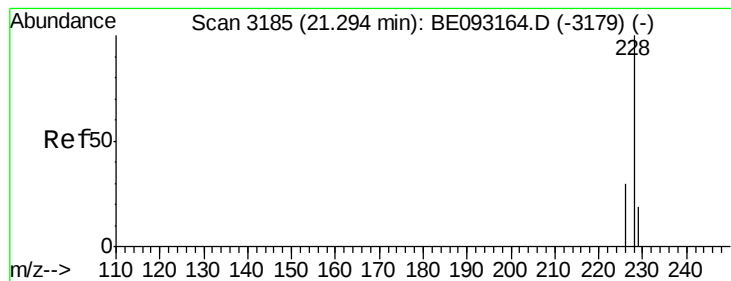
Tgt Ion: 202 Resp: 57208
 Ion Ratio Lower Upper
 202 100
 101 18.0 18.2 27.4#
 100 9.9 15.6 23.4#



#18
 Benzo(a)anthracene
 Concen: 3.11 ng/ul
 RT: 21.31 min Scan# 3189
 Delta R.T. 0.07 min
 Lab File: BE093174.D
 Acq: 14 Jun 2017 17:55

Tgt Ion: 228 Resp: 63075
 Ion Ratio Lower Upper
 228 100
 229 192.4 22.8 34.2#
 226 76.8 17.0 25.6#





#19

Chrysene

Concen: 2.99 ng/ul

RT: 21.31 min Scan# 3189

Delta R.T. 0.02 min

Lab File: BE093174.D

Acq: 14 Jun 2017 17:55

Instrument :

BNA_E

ClientSampleId :

B0AD1

Tgt Ion:228 Resp: 63075

Ion Ratio Lower Upper

228 100

226 76.8 23.4 35.0#

229 192.4 17.7 26.5#

