

Data File : BE093151.D
Acq On : 14 Jun 2017 3:42
Operator : SJ/MA
Sample : I3520-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A42

Quant Time: Jun 14 08:40:15 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	5306	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	26608	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	16243	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	37605	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	40659	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1821621	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	9690	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	25974	0.25	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	866	0.01	ng/ul#	81
5) 2-Methylnaphthalene	12.19	142	462	0.01	ng/ul	96
7) Acenaphthylene	14.08	152	1329	0.02	ng/ul#	88
11) Pentachlorophenol	16.75	266	56	0.01	ng/ul#	80
12) Phenanthrene	17.14	178	10556	0.10	ng/ul#	88
13) Anthracene	17.22	178	2286	0.03	ng/ul#	68
15) Fluoranthene	19.15	202	31182	0.25	ng/ul	84
17) Pyrene	19.52	202	32589	0.27	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	14693	0.14	ng/ul#	86
19) Chrysene	21.30	228	17421	0.15	ng/ul	96

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

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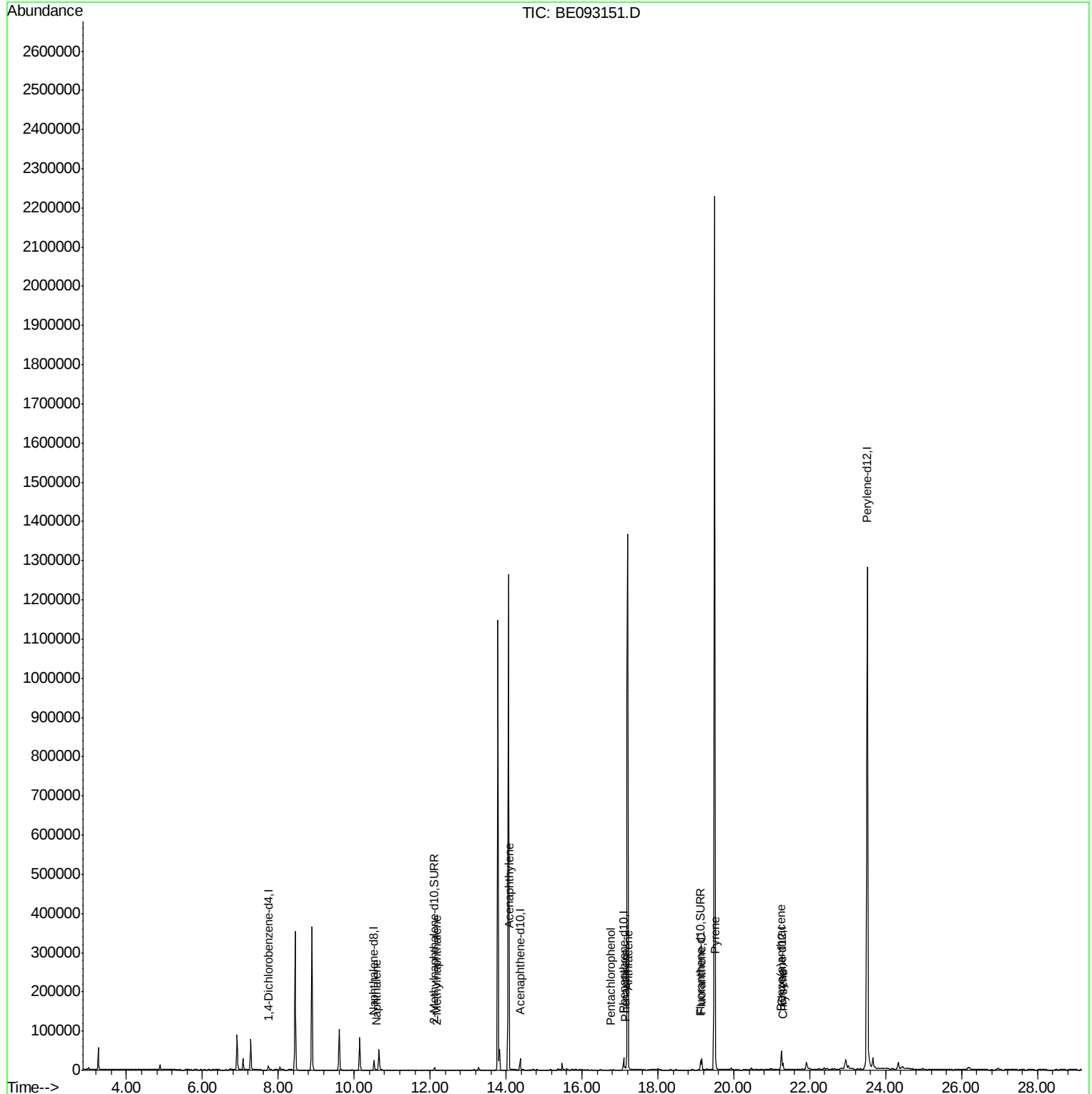
Quant Time: Jun 14 08:40:15 2017

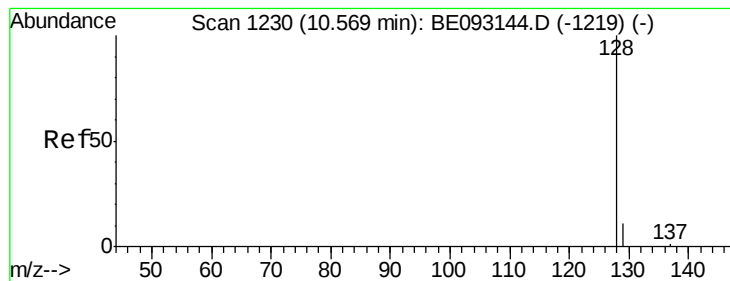
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

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Acq: 14 Jun 2017 3:42

Instrument :

BNA_E

ClientSampleId :

F5A42

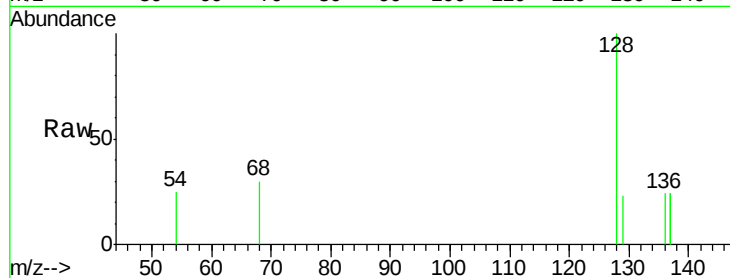
Tgt Ion:128 Resp: 866

Ion Ratio Lower Upper

128 100

129 22.7 11.3 16.9#

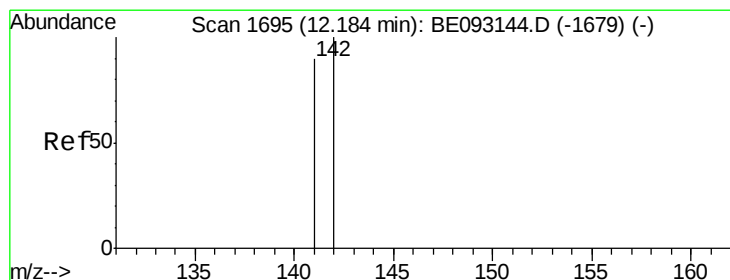
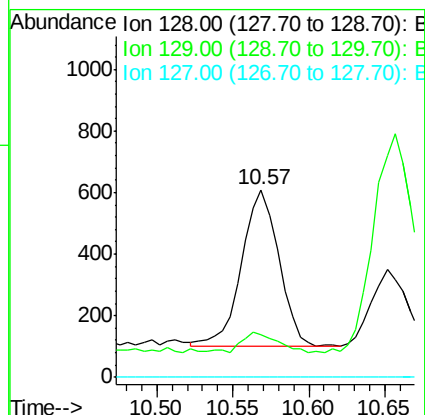
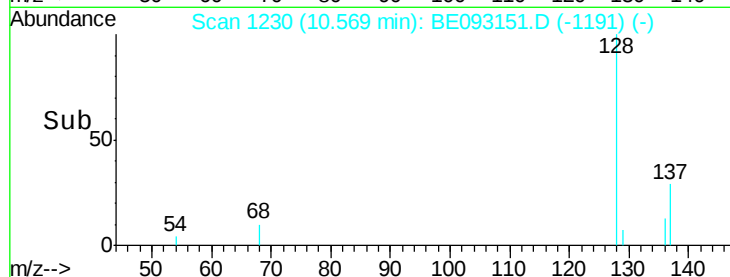
127 0.0 4.0 6.0#



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: 12.19 min Scan# 1696

Delta R.T. 0.00 min

Lab File: BE093151.D

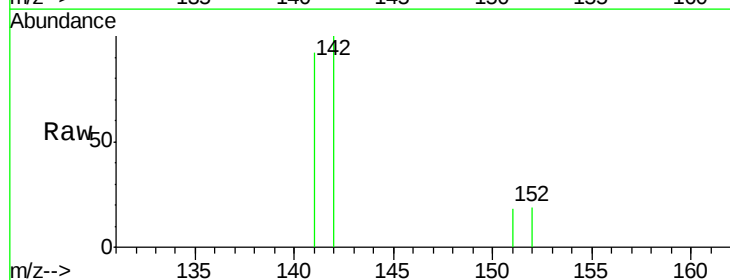
Acq: 14 Jun 2017 3:42

Tgt Ion:142 Resp: 462

Ion Ratio Lower Upper

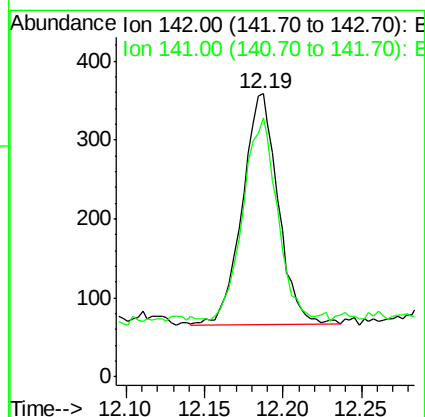
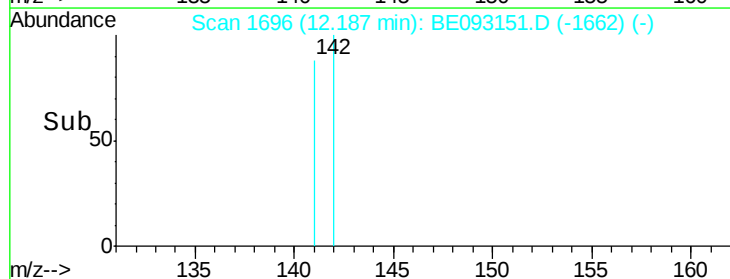
142 100

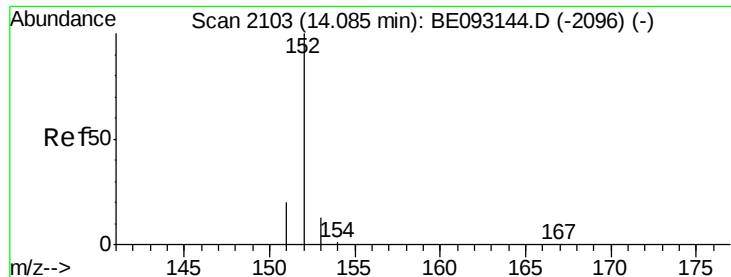
141 86.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. 0.00 min

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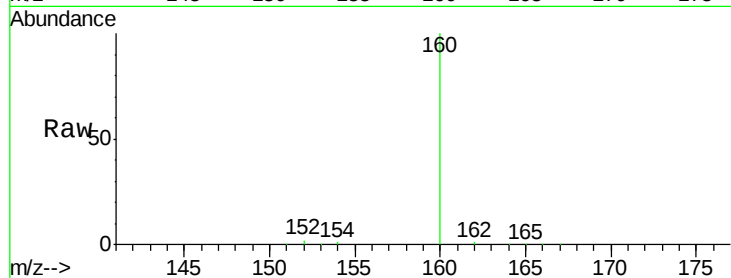
Tgt Ion:152 Resp: 1329

Ion Ratio Lower Upper

152 100

151 26.3 17.1 25.7#

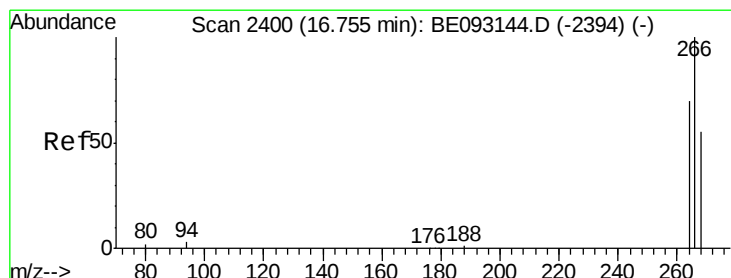
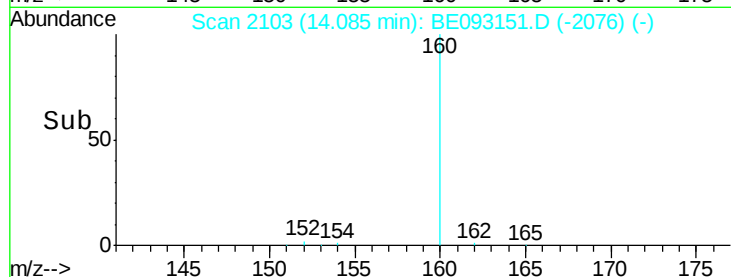
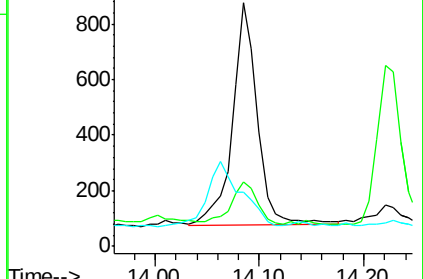
153 22.4 12.8 19.2#



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



#11

Pentachlorophenol

Concen: 0.01 ng/ul

RT: 16.75 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BE093151.D

Acq: 14 Jun 2017 3:42

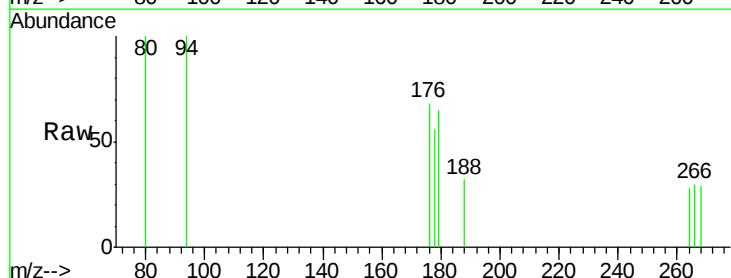
Tgt Ion:266 Resp: 56

Ion Ratio Lower Upper

266 100

264 48.2 47.9 71.9

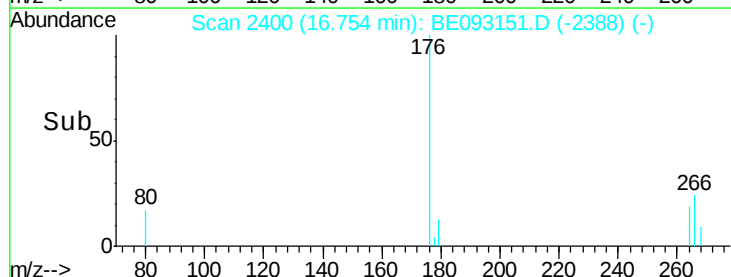
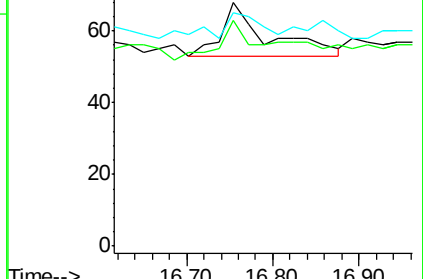
268 42.9 49.8 74.8#

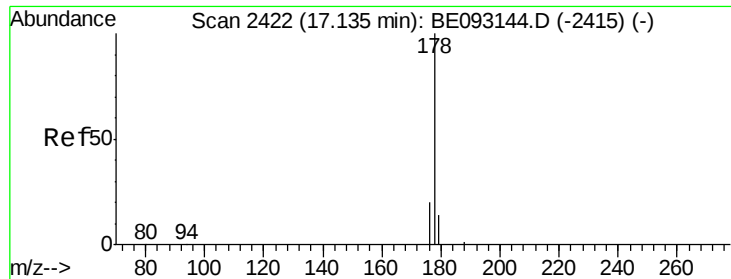


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.10 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093151.D

Acq: 14 Jun 2017 3:42

Instrument :

BNA_E

ClientSampleId :

F5A42

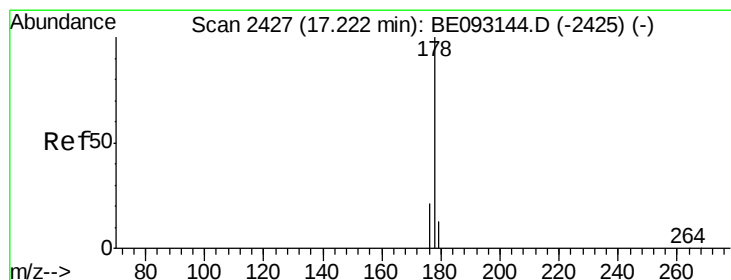
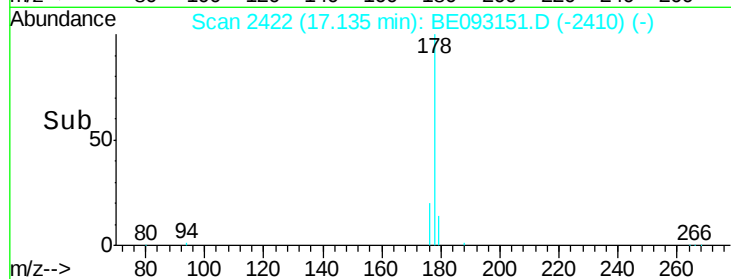
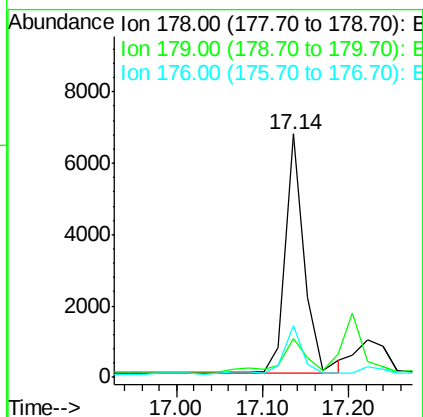
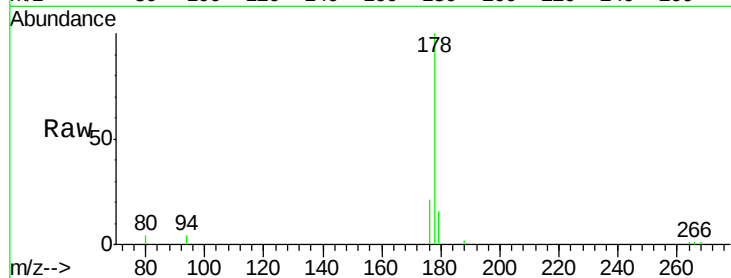
Tgt Ion:178 Resp: 10556

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 21.3 13.6 20.4#



#13

Anthracene

Concen: 0.03 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093151.D

Acq: 14 Jun 2017 3:42

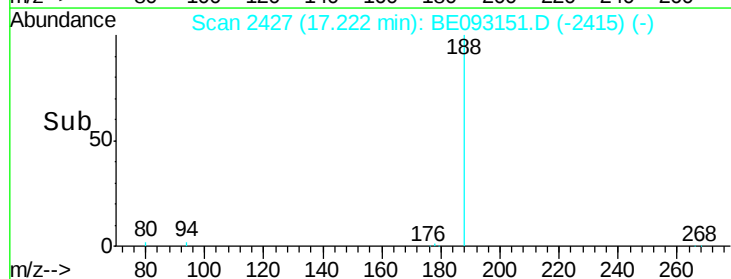
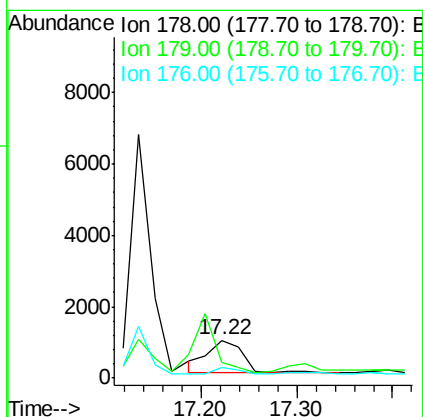
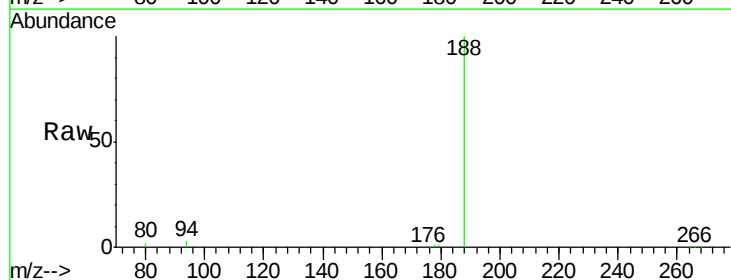
Tgt Ion:178 Resp: 2286

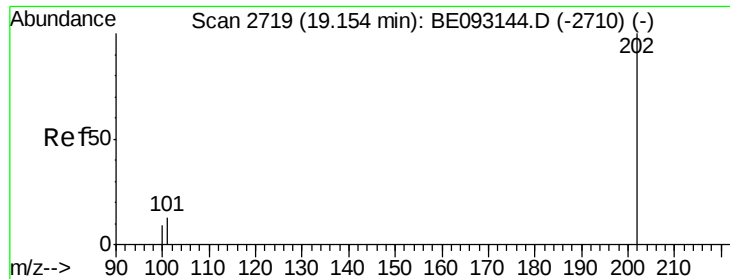
Ion Ratio Lower Upper

178 100

179 40.9 18.1 27.1#

176 29.0 14.7 22.1#

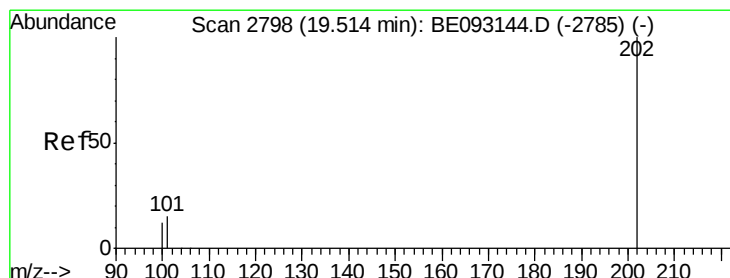
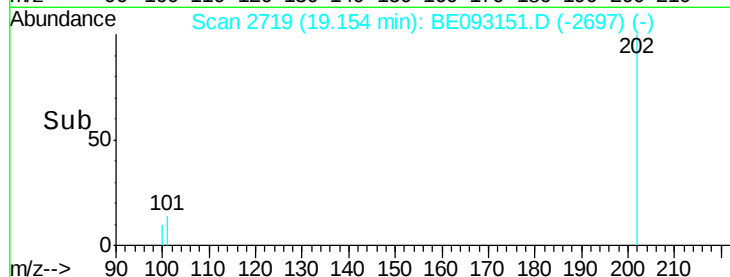
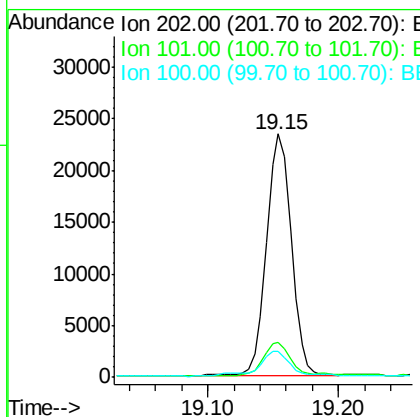
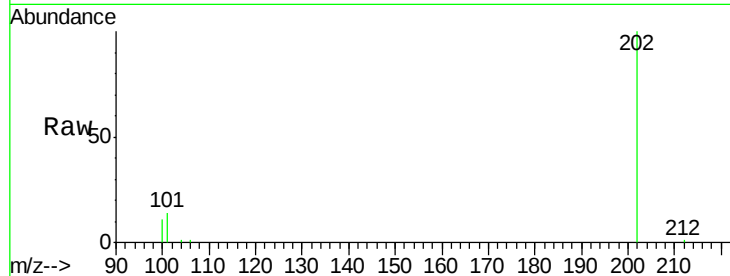




#15
Fluoranthene
Concen: 0.25 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093151.D
Acq: 14 Jun 2017 3:42

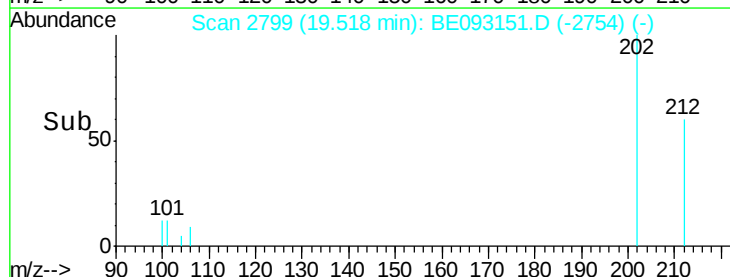
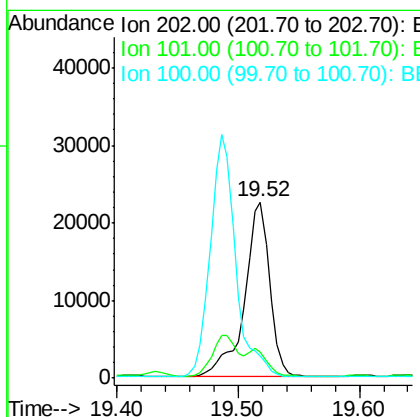
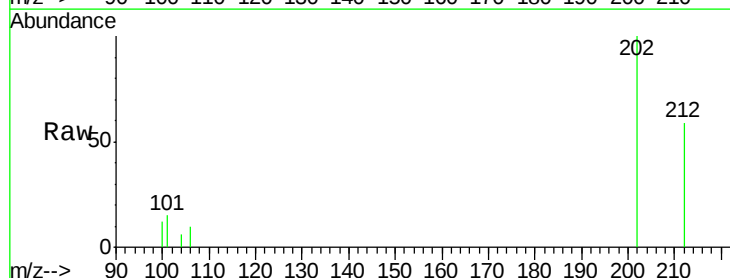
Instrument :
BNA_E
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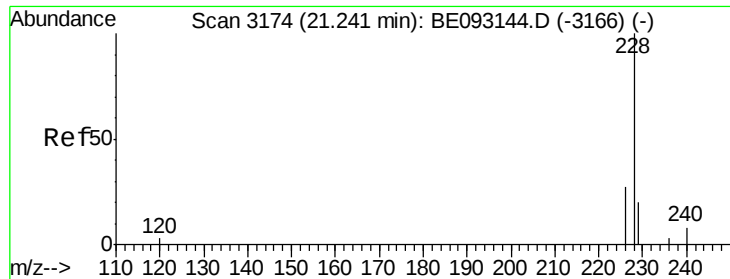
Tgt Ion:202 Resp: 31182
Ion Ratio Lower Upper
202 100
101 14.4 0.0 30.3
100 10.9 0.0 39.5



#17
Pyrene
Concen: 0.27 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BE093151.D
Acq: 14 Jun 2017 3:42

Tgt Ion:202 Resp: 32589
Ion Ratio Lower Upper
202 100
101 14.7 18.2 27.4#
100 12.4 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.14 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093151.D

Acq: 14 Jun 2017 3:42

Instrument :

BNA_E

ClientSampled :

F5A42

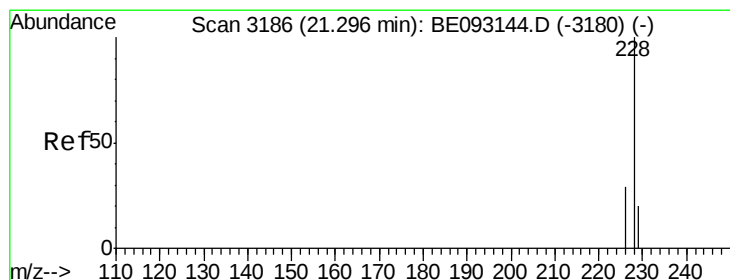
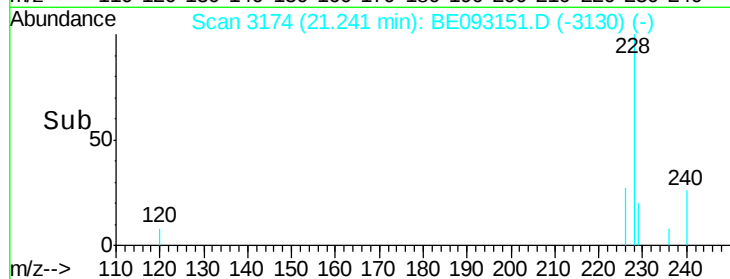
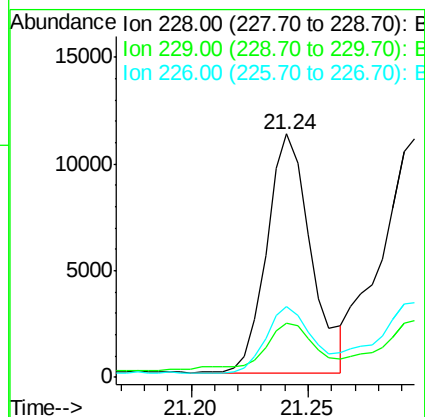
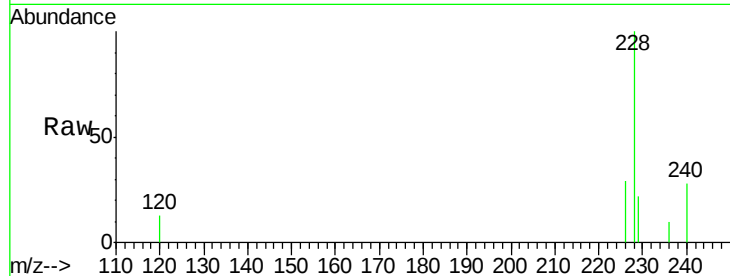
Tgt Ion:228 Resp: 14693

Ion Ratio Lower Upper

228 100

229 22.5 22.8 34.2#

226 29.1 17.0 25.6#



#19

Chrysene

Concen: 0.15 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093151.D

Acq: 14 Jun 2017 3:42

Tgt Ion:228 Resp: 17421

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.0

229 23.7 17.7 26.5

