

Data File : BE093177.D
Acq On : 14 Jun 2017 19:46
Operator : SJ/MA
Sample : I3520-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A39

Quant Time: Jun 15 02:28:58 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	7.74	152	3736	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19043	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11866	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	27648	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	25992	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	911406	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5621	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	14218	0.19	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.56	128	950	0.02	ng/ul#	72
5) 2-Methylnaphthalene	12.19	142	436	0.01	ng/ul	98
7) Acenaphthylene	14.09	152	620	0.01	ng/ul#	60
11) Pentachlorophenol	16.76	266	57	0.01	ng/ul#	58
12) Phenanthrene	17.14	178	6668	0.09	ng/ul#	90
13) Anthracene	17.14	178	6525	0.10	ng/ul	92
15) Fluoranthene	19.15	202	16754	0.18	ng/ul	84
17) Pyrene	19.51	202	16898	0.22	ng/ul#	90
18) Benzo(a)anthracene	21.24	228	6793	0.10	ng/ul#	83
19) Chrysene	21.29	228	9178	0.13	ng/ul#	83

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

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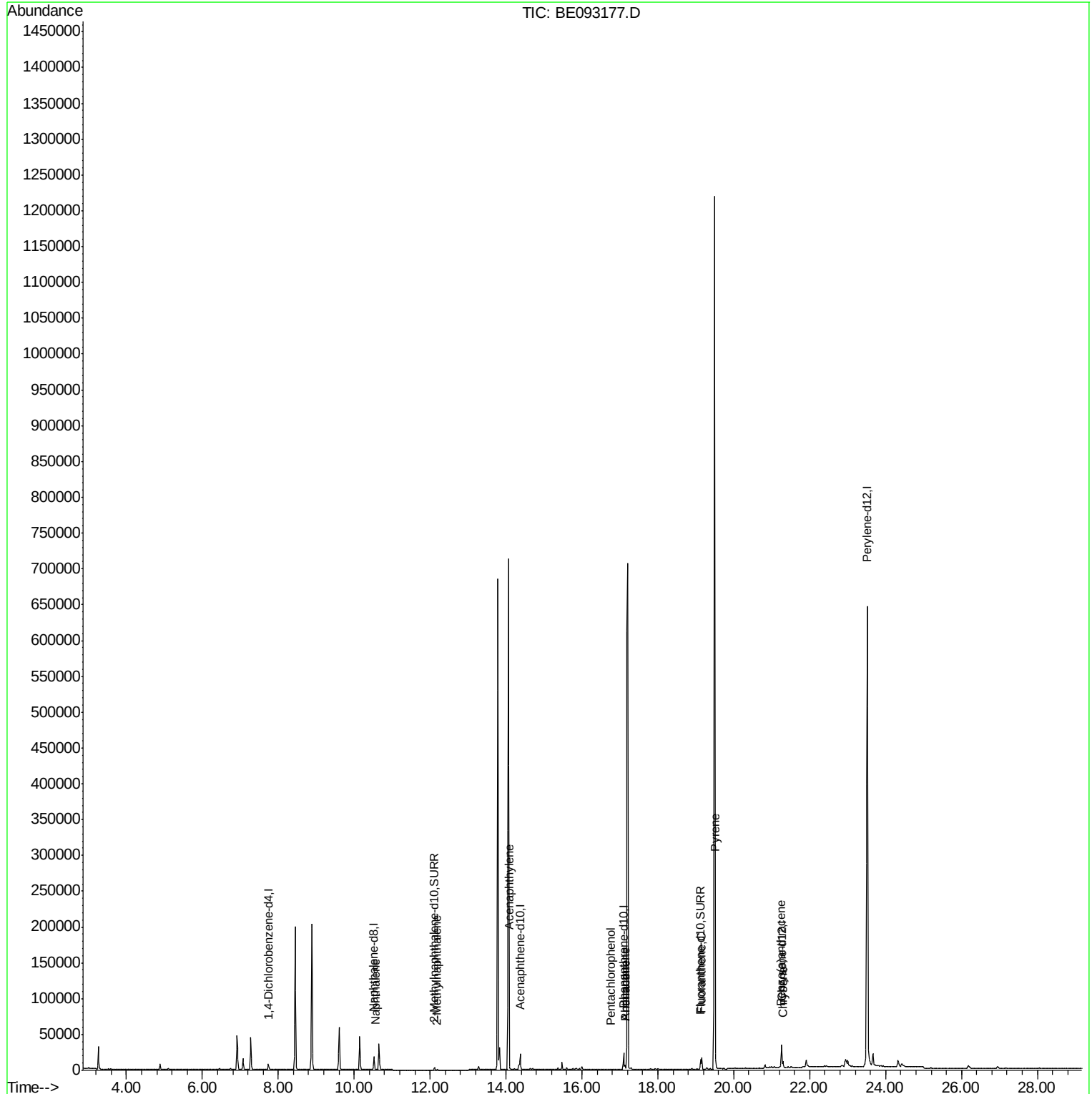
Quant Time: Jun 15 02:28:58 2017

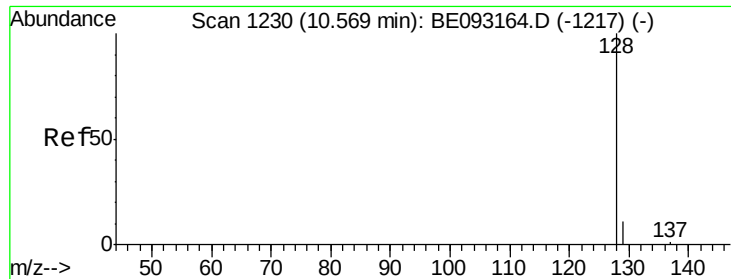
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

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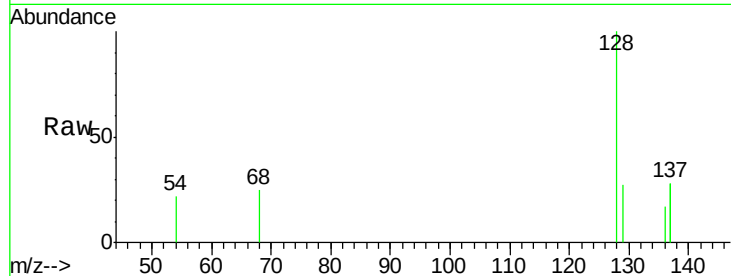
Tgt Ion:128 Resp: 950

Ion Ratio Lower Upper

128 100

129 27.2 11.3 16.9#

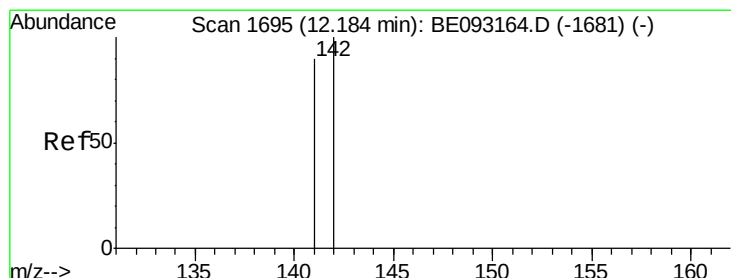
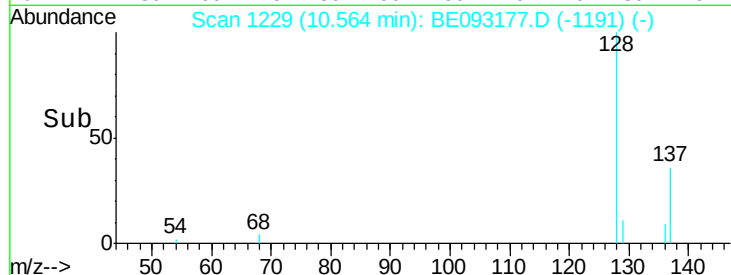
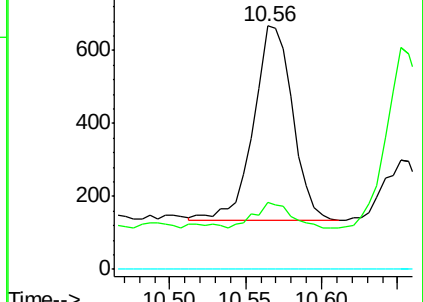
127 0.0 4.0 6.0#



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: BE093177.D

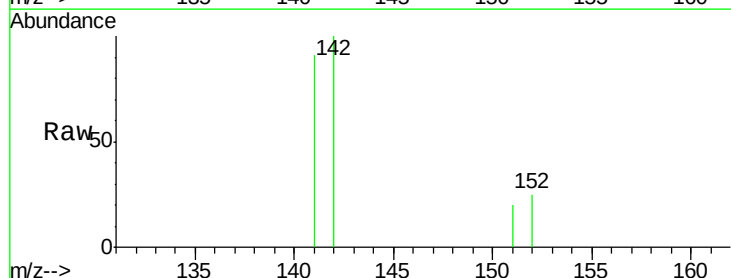
Acq: 14 Jun 2017 19:46

Tgt Ion:142 Resp: 436

Ion Ratio Lower Upper

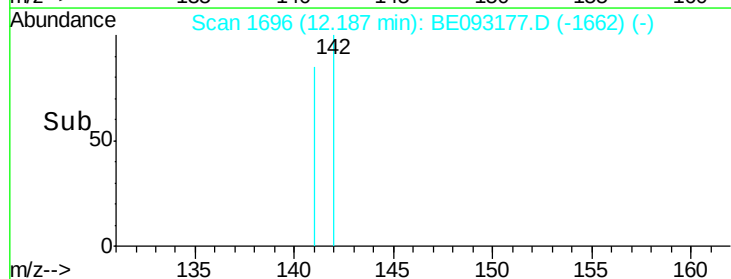
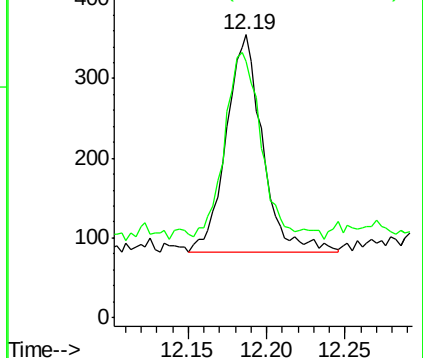
142 100

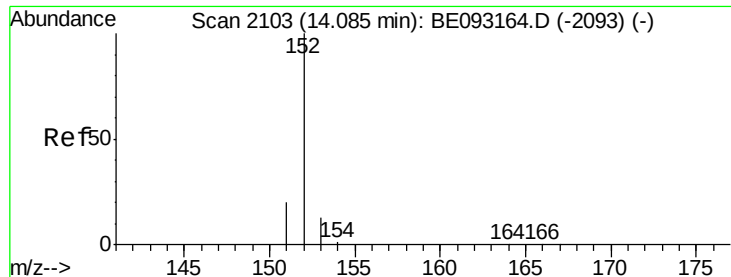
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

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Instrument :

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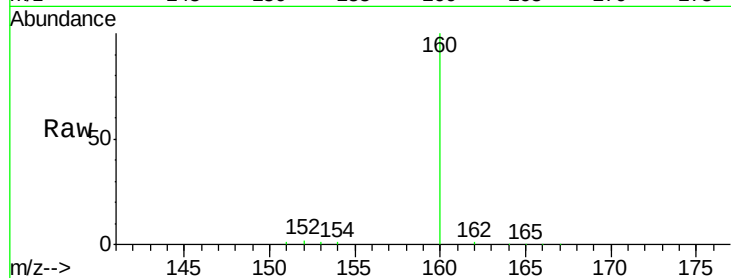
Tgt Ion:152 Resp: 620

Ion Ratio Lower Upper

152 100

151 37.5 17.1 25.7#

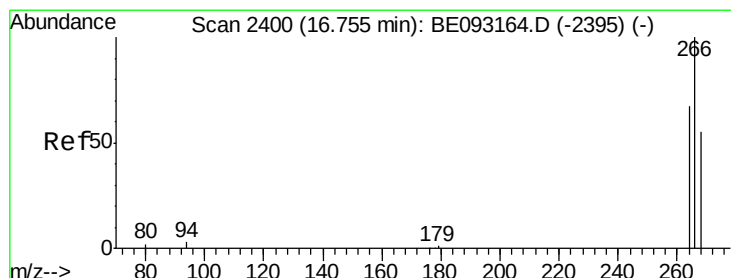
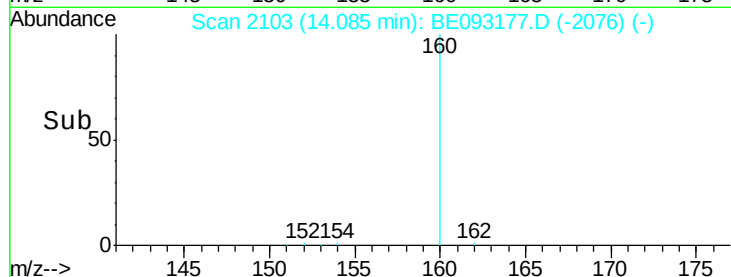
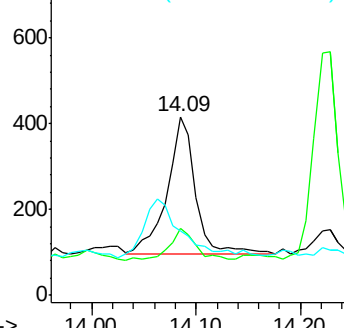
153 36.3 12.8 19.2#



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: 16.76 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BE093177.D

Acq: 14 Jun 2017 19:46

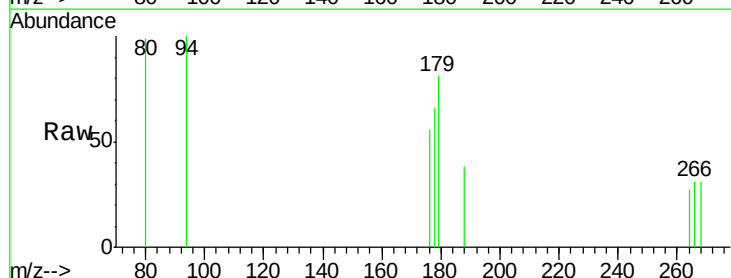
Tgt Ion:266 Resp: 57

Ion Ratio Lower Upper

266 100

264 28.1 47.9 71.9#

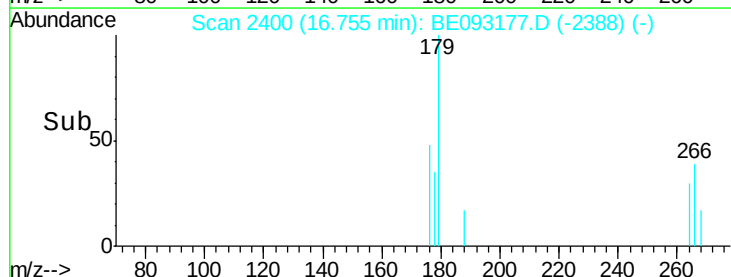
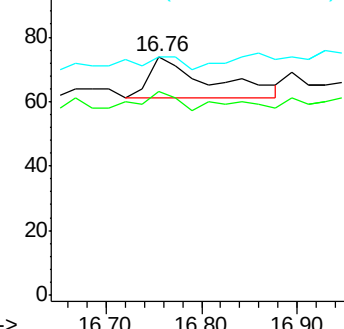
268 29.8 49.8 74.8#

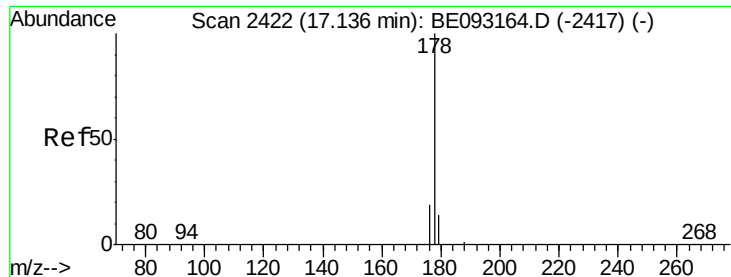


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.09 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093177.D

Acq: 14 Jun 2017 19:46

Instrument :

BNA_E

ClientSampleId :

F5A39

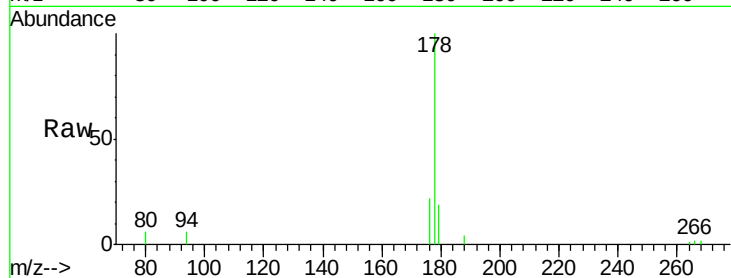
Tgt Ion:178 Resp: 6668

Ion Ratio Lower Upper

178 100

179 18.9 18.4 27.6

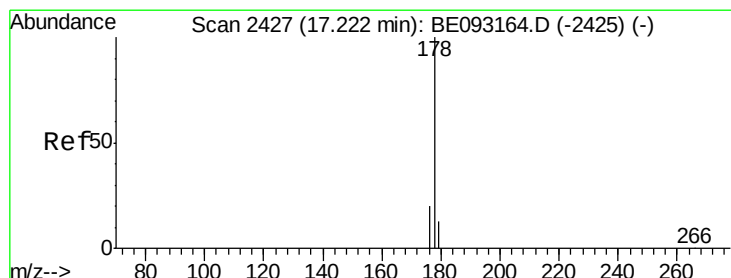
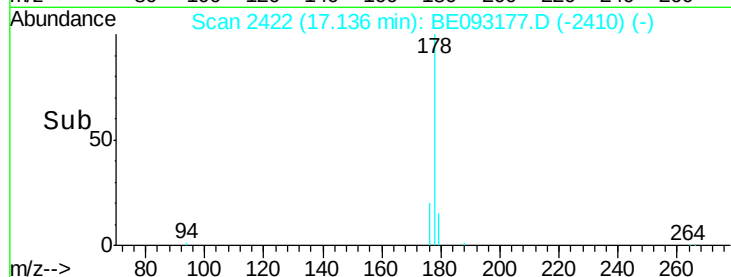
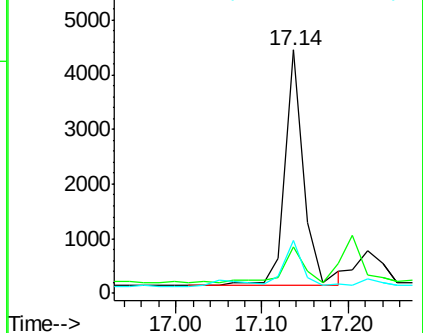
176 21.8 13.6 20.4#



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: 0.10 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.09 min

Lab File: BE093177.D

Acq: 14 Jun 2017 19:46

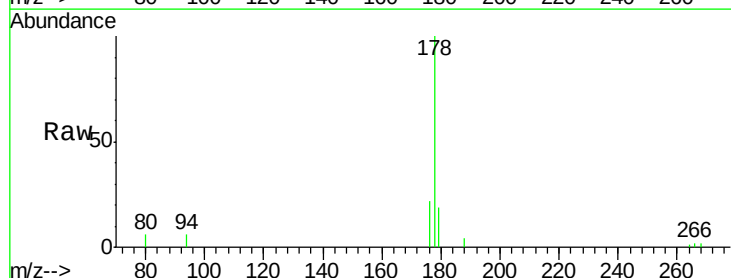
Tgt Ion:178 Resp: 6525

Ion Ratio Lower Upper

178 100

179 18.9 18.1 27.1

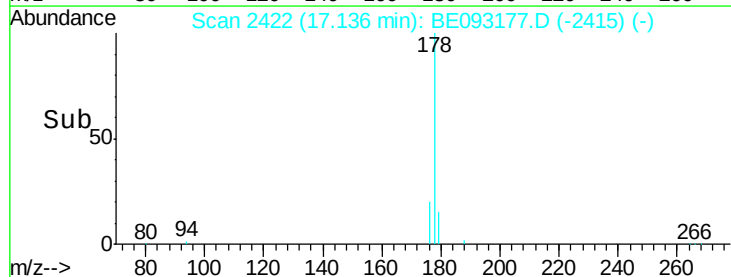
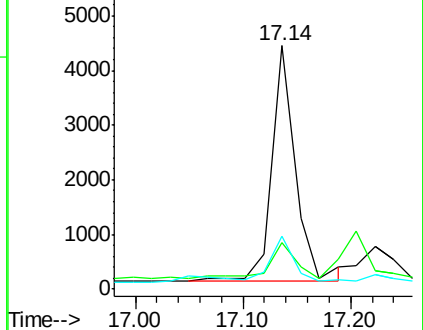
176 21.8 14.7 22.1

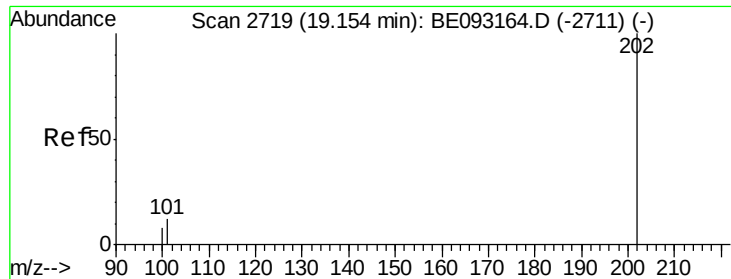


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

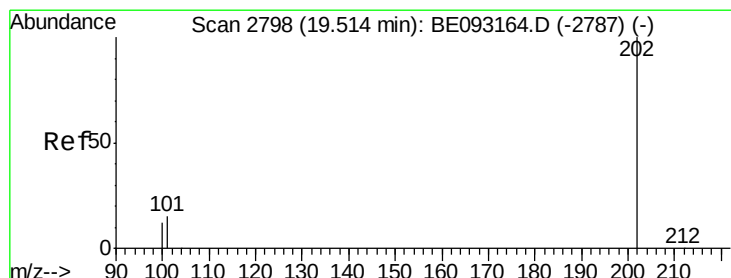
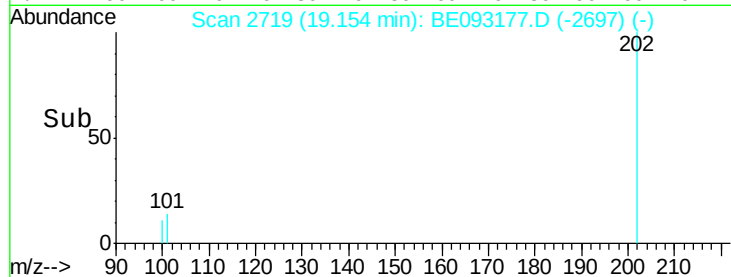
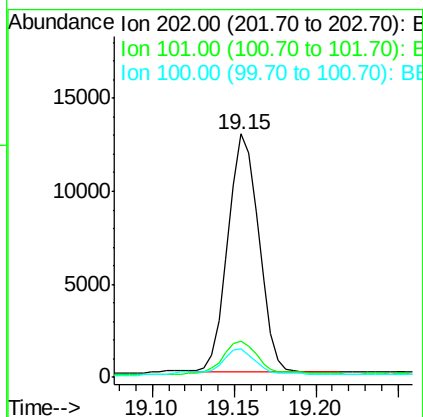
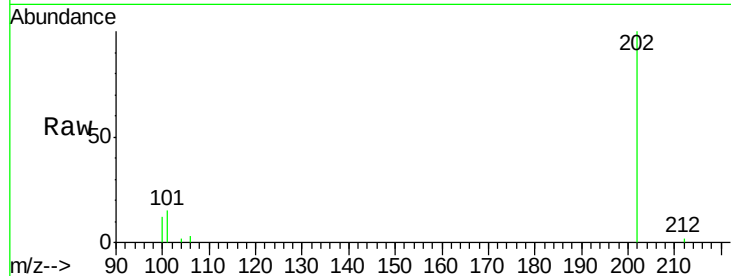




#15
Fluoranthene
Concen: 0.18 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093177.D
Acq: 14 Jun 2017 19:46

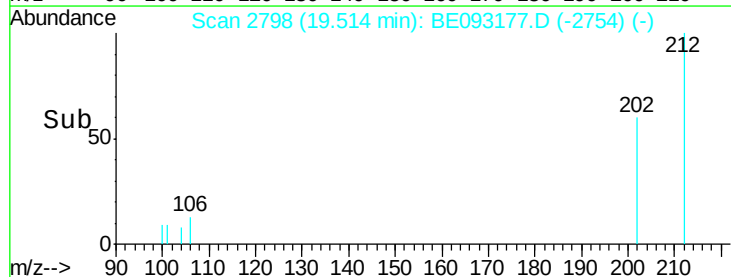
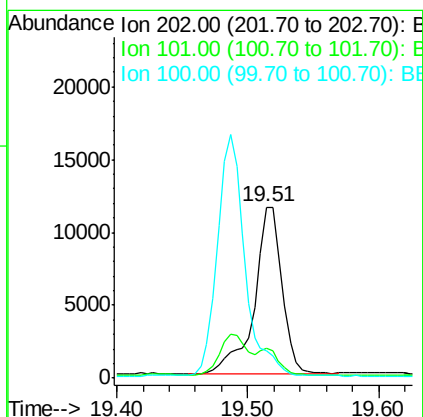
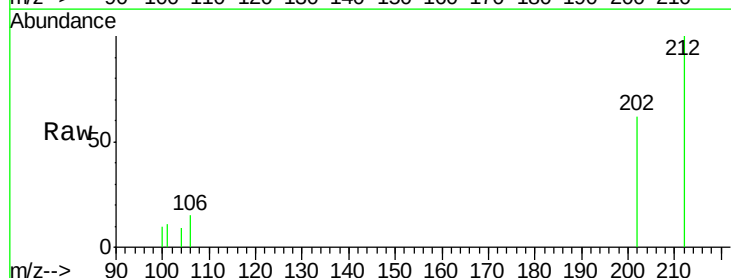
Instrument :
BNA_E
ClientSampleId :
F5A39

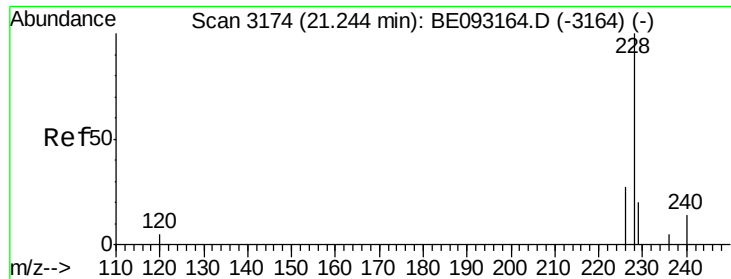
Tgt Ion:202 Resp: 16754
Ion Ratio Lower Upper
202 100
101 15.0 0.0 30.3
100 11.7 0.0 39.5



#17
Pyrene
Concen: 0.22 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093177.D
Acq: 14 Jun 2017 19:46

Tgt Ion:202 Resp: 16898
Ion Ratio Lower Upper
202 100
101 17.2 18.2 27.4#
100 16.1 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.10 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE093177.D

Acq: 14 Jun 2017 19:46

Instrument :

BNA_E

ClientSampleId :

F5A39

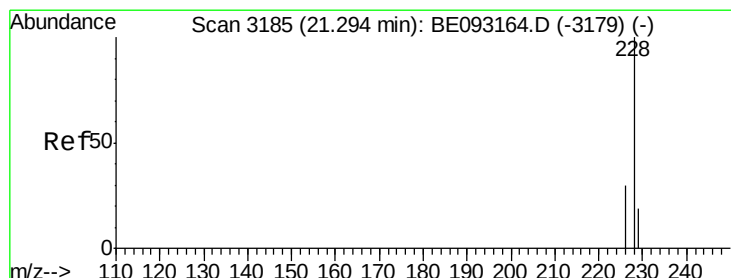
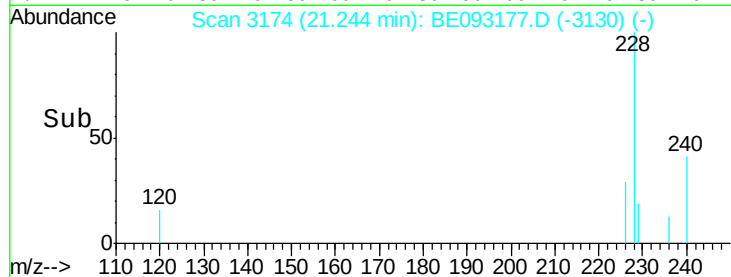
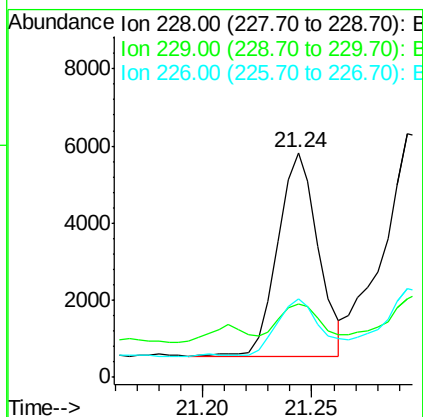
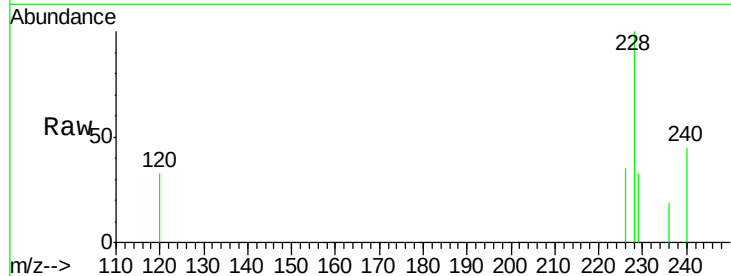
Tgt Ion:228 Resp: 6793

Ion Ratio Lower Upper

228 100

229 32.5 22.8 34.2

226 34.9 17.0 25.6#



#19

Chrysene

Concen: 0.13 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093177.D

Acq: 14 Jun 2017 19:46

Tgt Ion:228 Resp: 9178

Ion Ratio Lower Upper

228 100

226 36.4 23.4 35.0#

229 32.5 17.7 26.5#

