

Data File : BE093168.D
Acq On : 14 Jun 2017 14:11
Operator : SJ/MA
Sample : I3558-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5D39

Quant Time: Jun 15 02:27:42 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	3409	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17271	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11168	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.10
16) Chrysene-d12	21.26	240	25666	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1849693	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	9568	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	25900	0.00	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	16661	0.39	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	6281	0.21	ng/ul	98
7) Acenaphthylene	14.09	152	1102	0.02	ng/ul#	86
8) Acenaphthene	14.43	153	9787	0.25	ng/ul	97
9) Fluorene	15.42	166	14337	0.32	ng/ul#	91
17) Pyrene	19.51	202	37038	0.49	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	9078	0.13	ng/ul#	86
19) Chrysene	21.30	228	7395	0.10	ng/ul	94

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

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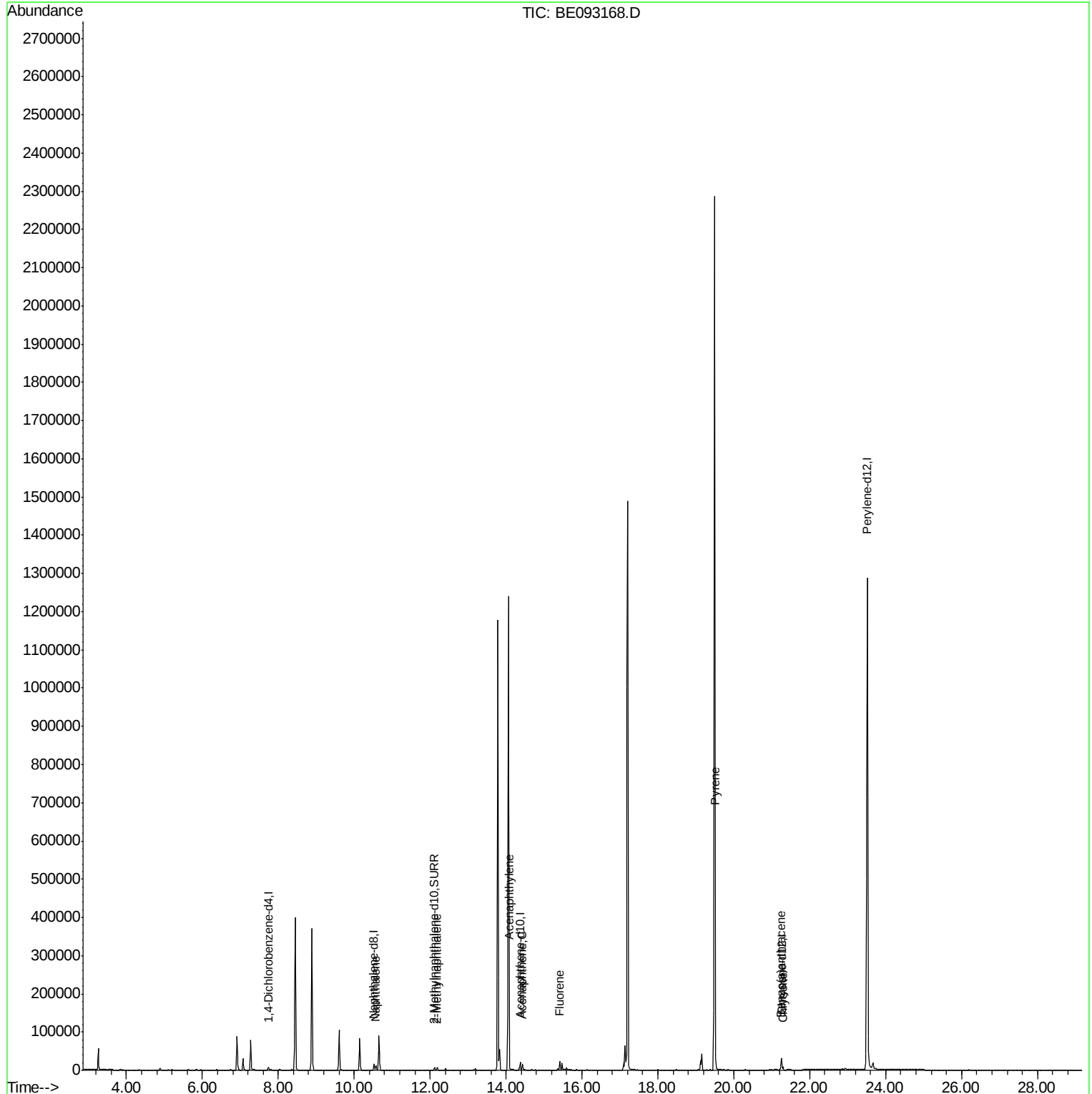
Quant Time: Jun 15 02:27:42 2017

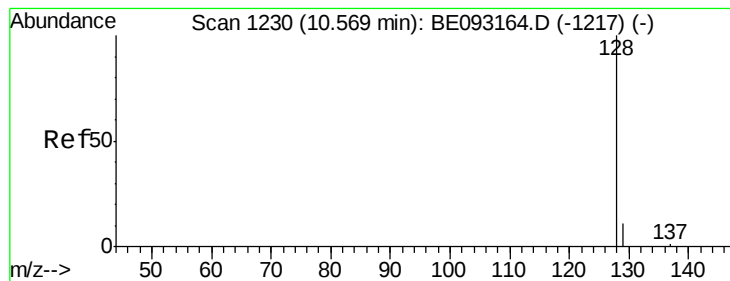
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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

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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

F5D39

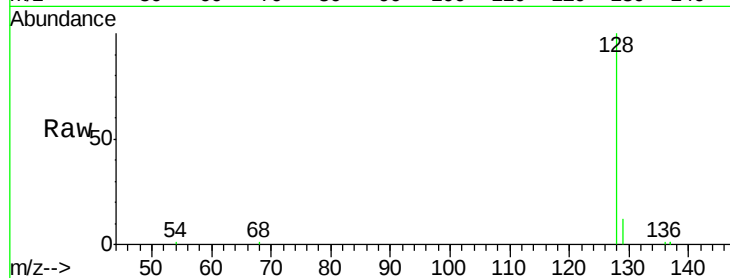
Tgt Ion:128 Resp: 16661

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

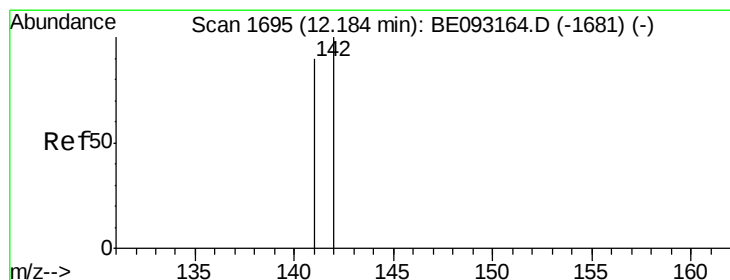
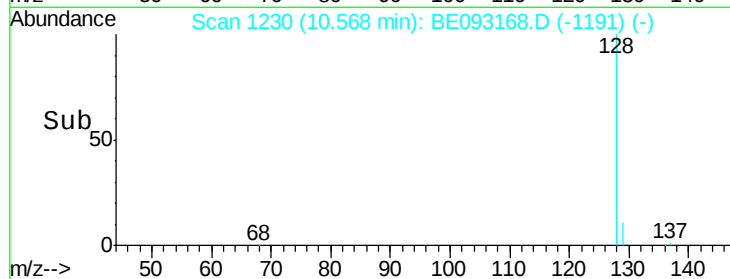
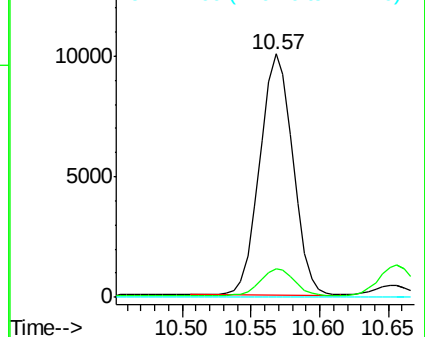
127 0.0 4.0 6.0#



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: 0.21 ng/ul

RT: 12.19 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE093168.D

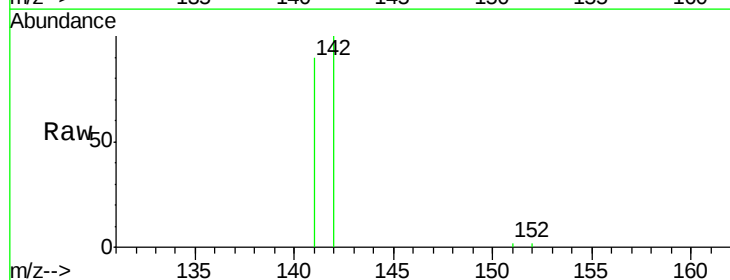
Acq: 14 Jun 2017 14:11

Tgt Ion:142 Resp: 6281

Ion Ratio Lower Upper

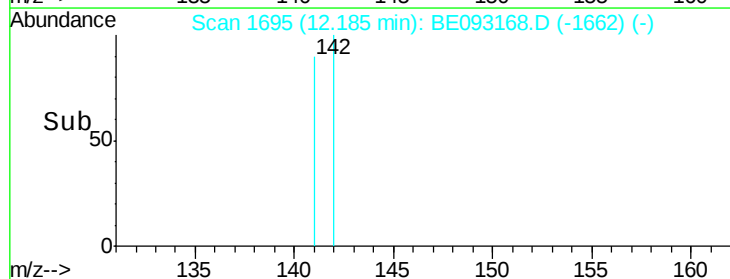
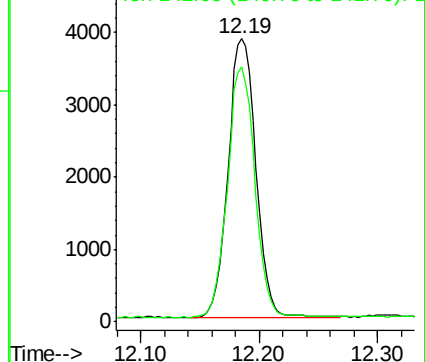
142 100

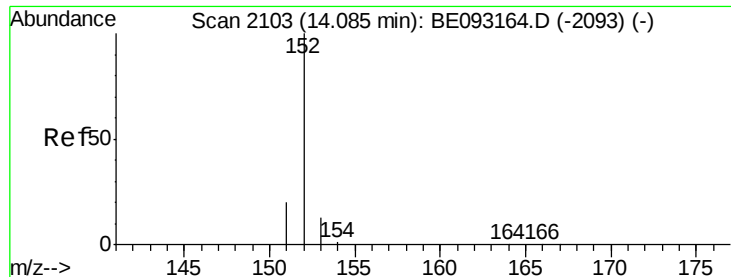
141 89.2 72.6 108.8



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: 14.09 min Scan# 2103

Delta R.T. 0.00 min

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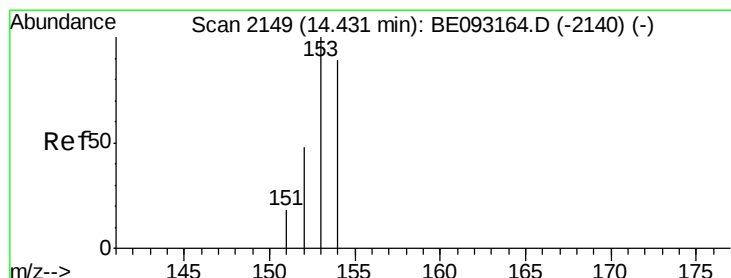
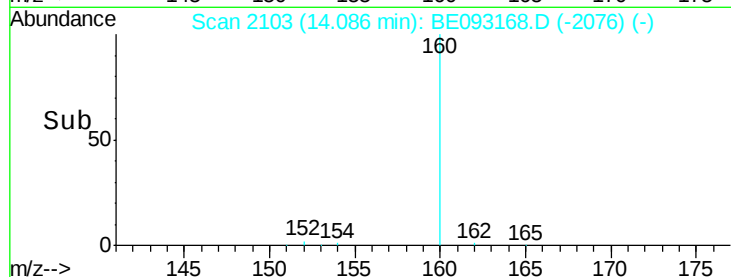
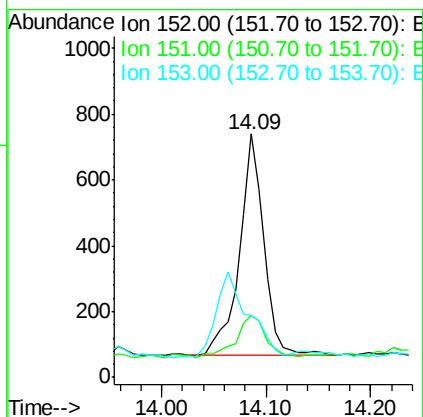
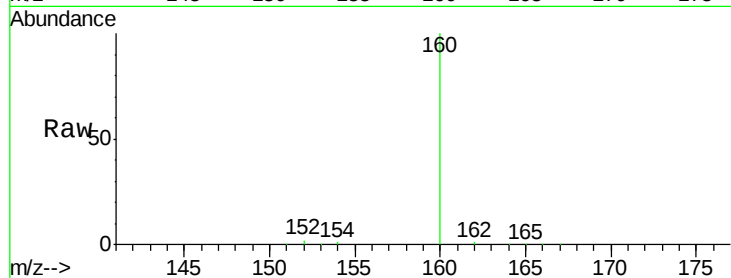
Tgt Ion:152 Resp: 1102

Ion Ratio Lower Upper

152 100

151 25.4 17.1 25.7

153 25.5 12.8 19.2#



#8

Acenaphthene

Concen: 0.25 ng/ul

RT: 14.43 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

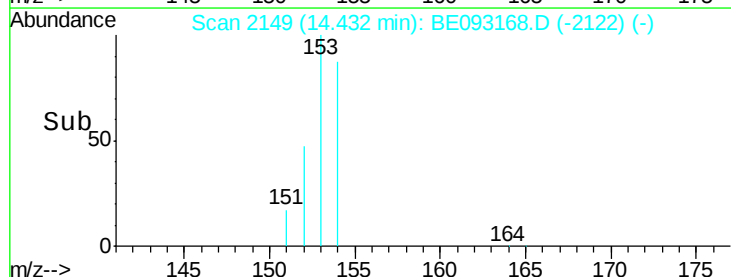
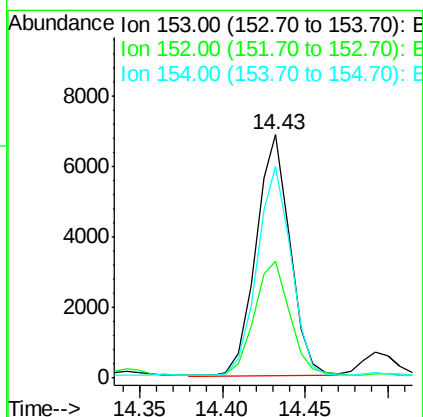
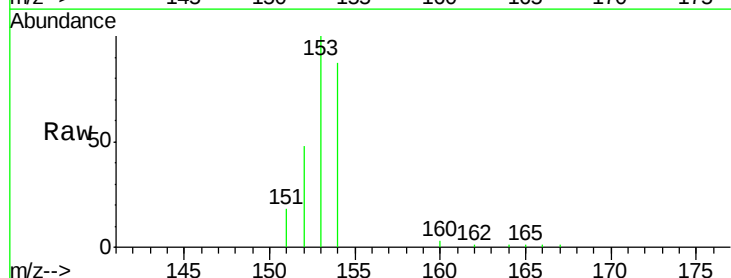
Tgt Ion:153 Resp: 9787

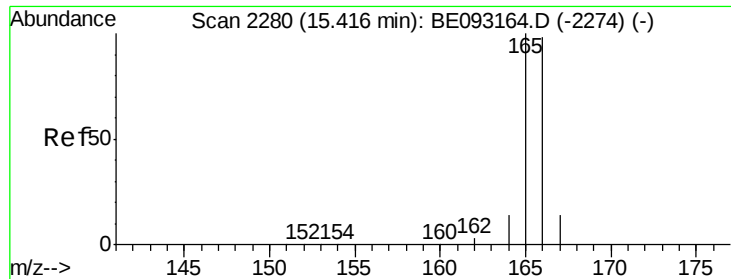
Ion Ratio Lower Upper

153 100

152 47.9 40.3 60.5

154 86.9 71.4 107.2





#9

Fluorene

Concen: 0.32 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

Instrument :

BNA_E

ClientSampleId :

F5D39

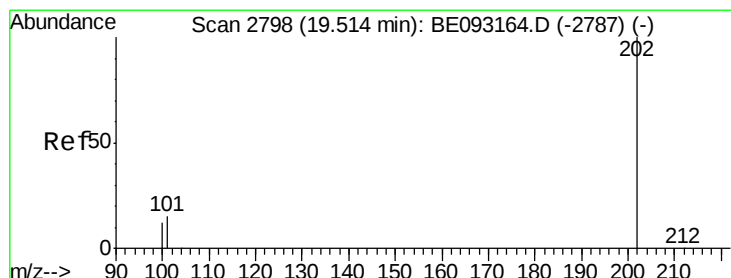
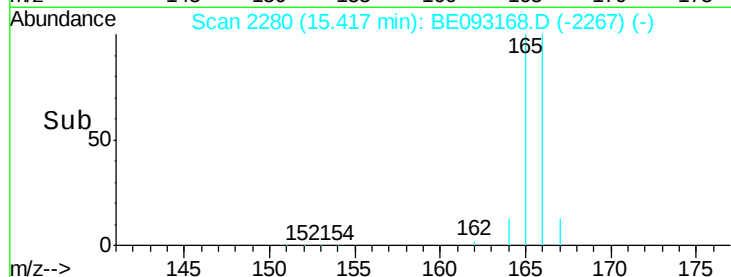
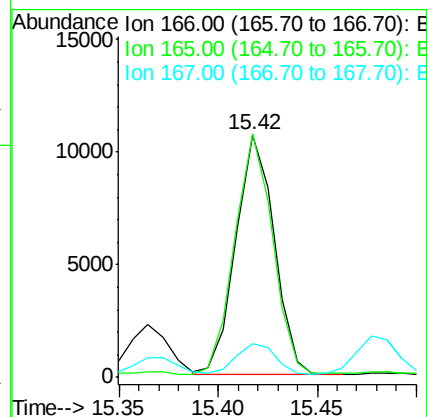
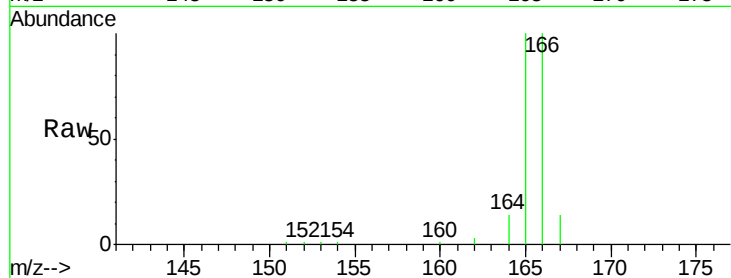
Tgt Ion:166 Resp: 14337

Ion Ratio Lower Upper

166 100

165 100.3 73.4 110.2

167 14.0 14.6 22.0#



#17

Pyrene

Concen: 0.49 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

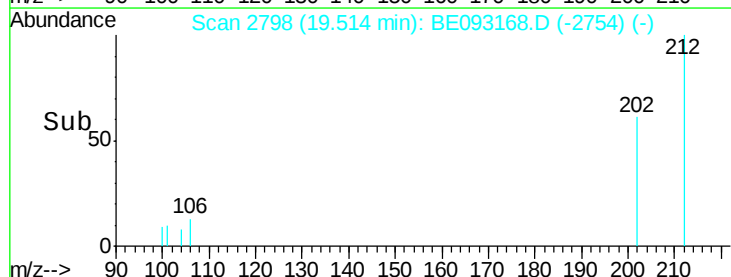
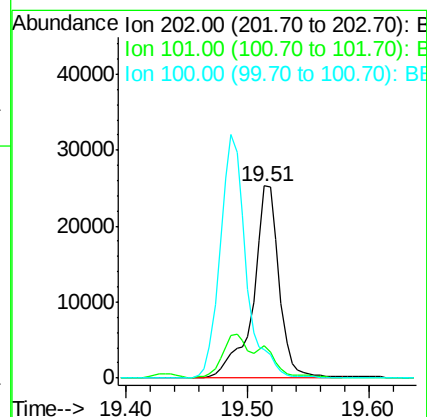
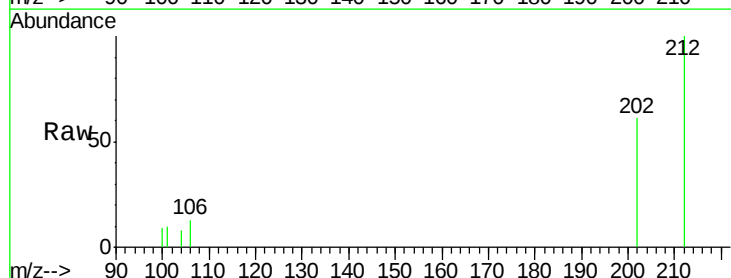
Tgt Ion:202 Resp: 37038

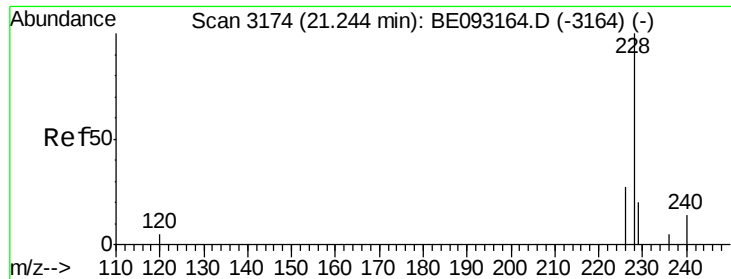
Ion Ratio Lower Upper

202 100

101 16.8 18.2 27.4#

100 14.8 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.13 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

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Acq: 14 Jun 2017 14:11

Instrument :

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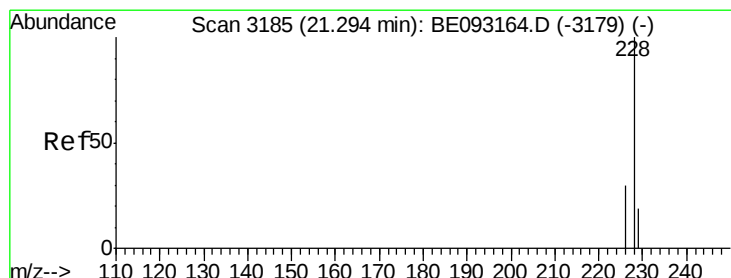
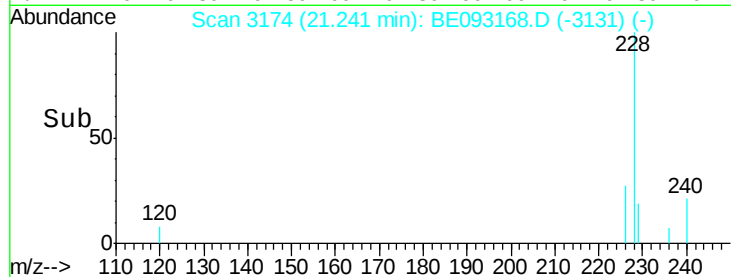
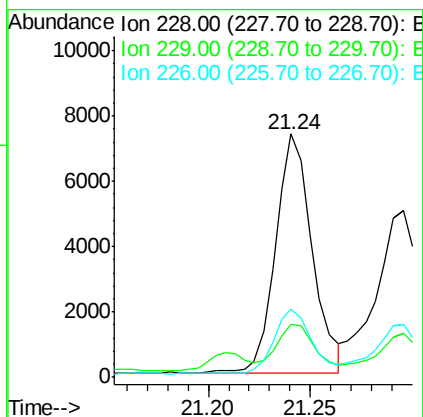
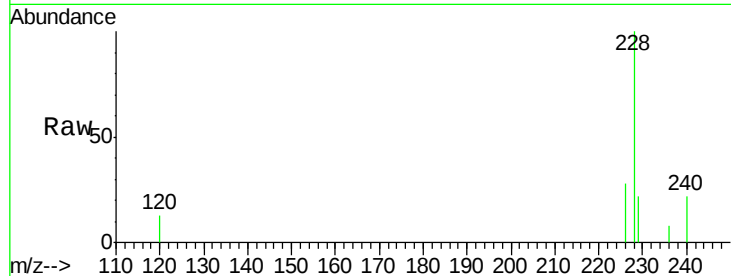
Tgt Ion:228 Resp: 9078

Ion Ratio Lower Upper

228 100

229 21.7 22.8 34.2#

226 28.2 17.0 25.6#



#19

Chrysene

Concen: 0.10 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

Tgt Ion:228 Resp: 7395

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.0

229 26.0 17.7 26.5

