

Data File : BE093344.D
Acq On : 23 Jun 2017 19:34
Operator : SJ/JU
Sample : I3653-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5E22

Quant Time: Jun 24 04:29:32 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 24 04:29:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1514	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8131	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5327	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.10
16) Chrysene-d12	21.25	240	12134	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	679257	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3558	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9309	0.00	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.56	128	251453	12.46	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	15312	1.11	ng/ul	99
7) Acenaphthylene	14.08	152	1626	0.07	ng/ul#	89
8) Acenaphthene	14.42	153	15127	0.82	ng/ul	98
9) Fluorene	15.41	166	18934	0.88	ng/ul#	90
17) Pyrene	19.51	202	22434	0.63	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	5515	0.17	ng/ul#	85
19) Chrysene	21.29	228	4802	0.14	ng/ul	97

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

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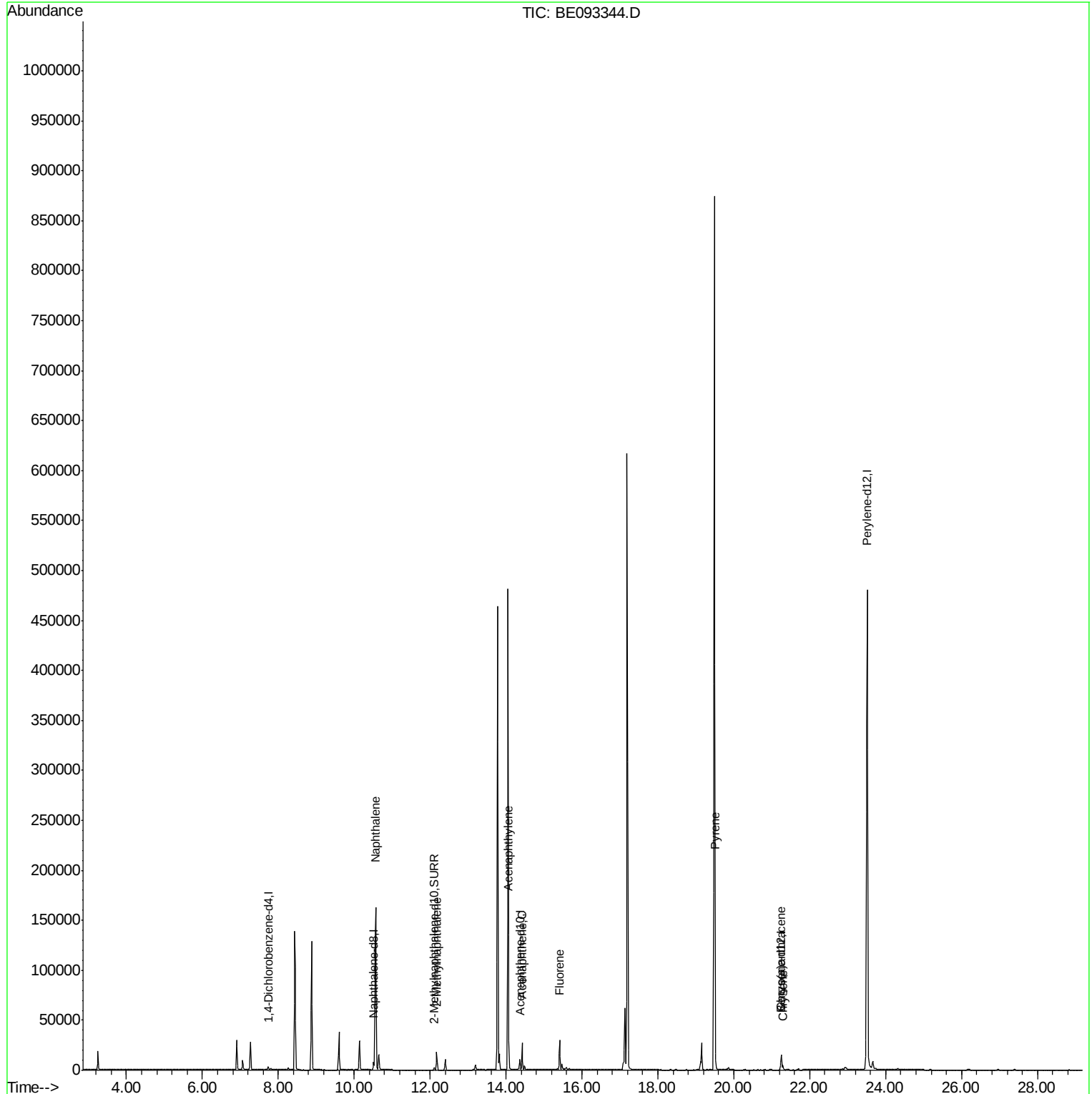
Quant Time: Jun 24 04:29:32 2017

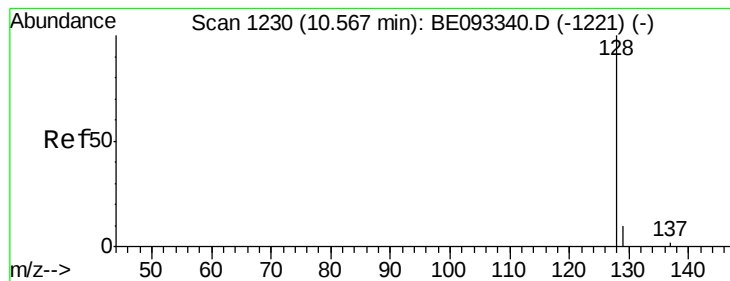
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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#3

Naphthalene

Concen: 12.46 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

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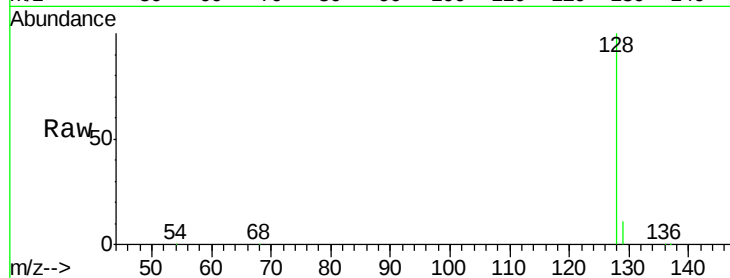
Tgt Ion:128 Resp: 251453

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9#

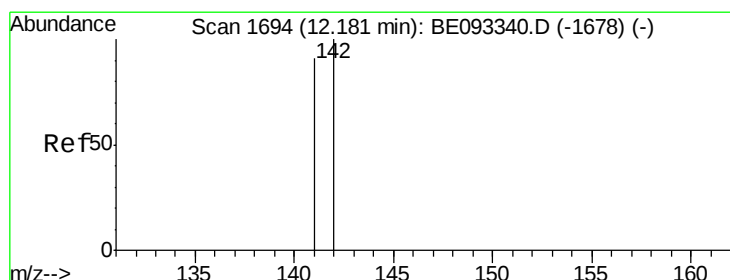
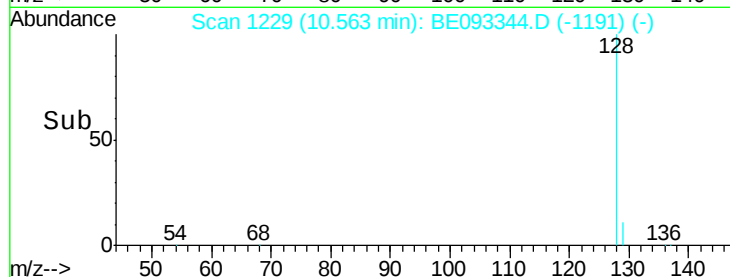
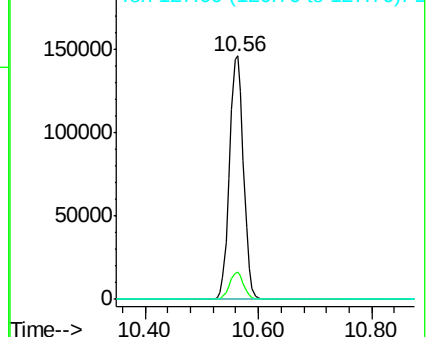
127 0.0 4.0 6.0#



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: 1.11 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093344.D

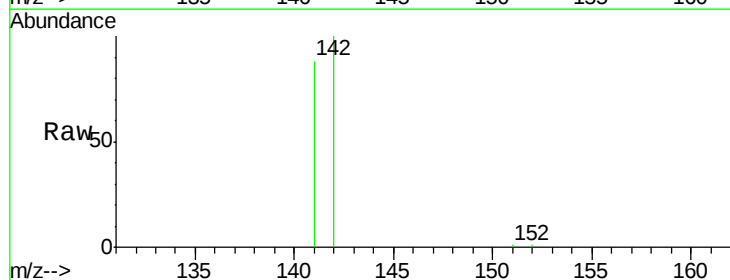
Acq: 23 Jun 2017 19:34

Tgt Ion:142 Resp: 15312

Ion Ratio Lower Upper

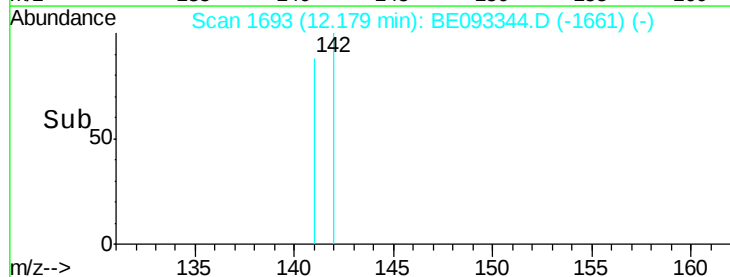
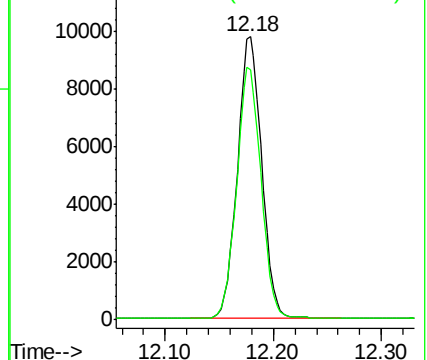
142 100

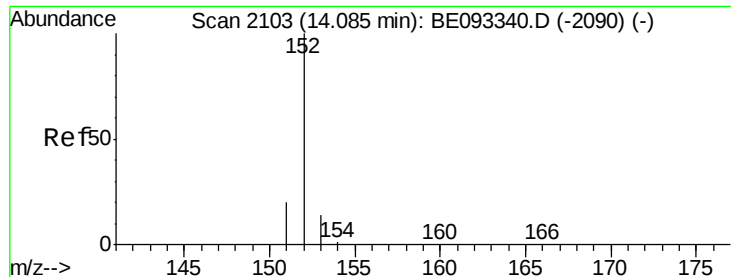
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.07 ng/ul

RT: 14.08 min Scan# 2101

Delta R.T. -0.01 min

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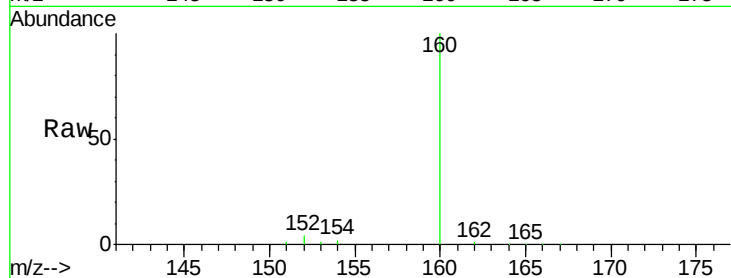
Tgt Ion:152 Resp: 1626

Ion Ratio Lower Upper

152 100

151 25.5 17.1 25.7

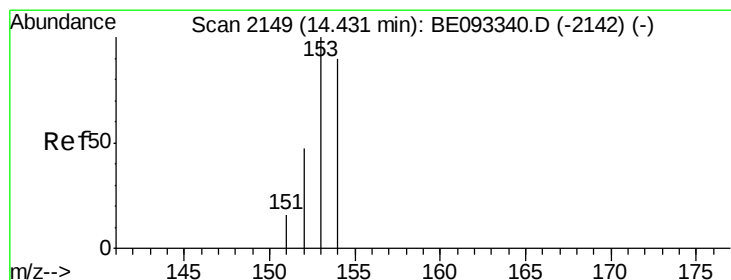
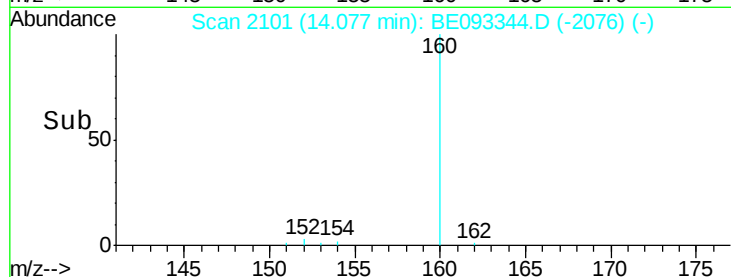
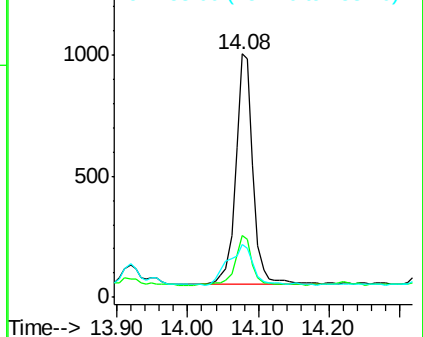
153 21.5 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.82 ng/ul

RT: 14.42 min Scan# 2147

Delta R.T. -0.01 min

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Acq: 23 Jun 2017 19:34

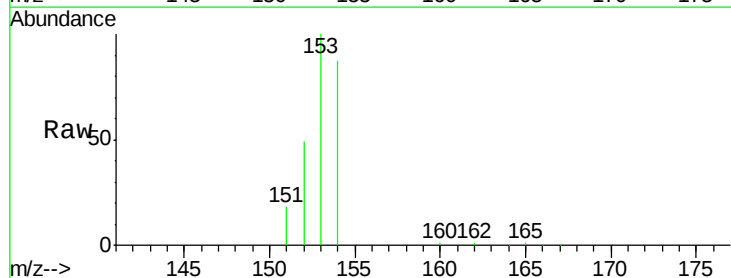
Tgt Ion:153 Resp: 15127

Ion Ratio Lower Upper

153 100

152 48.7 40.3 60.5

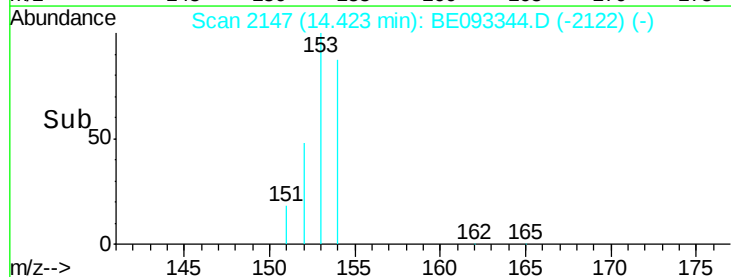
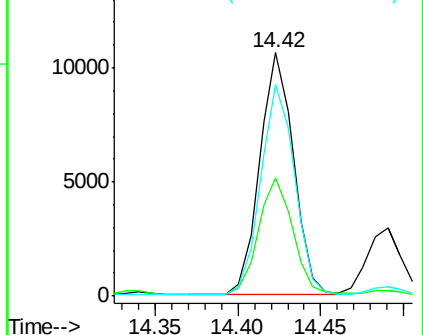
154 87.1 71.4 107.2

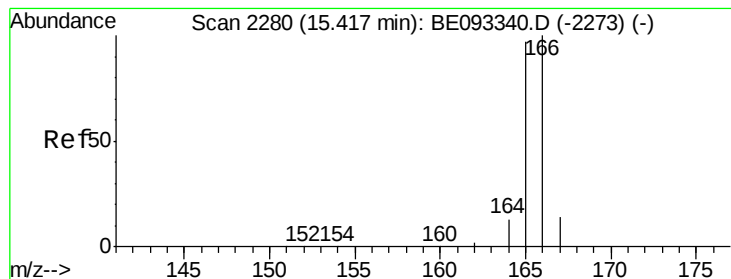


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.88 ng/ul

RT: 15.41 min Scan# 2278

Delta R.T. -0.01 min

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Acq: 23 Jun 2017 19:34

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ClientSampleId :

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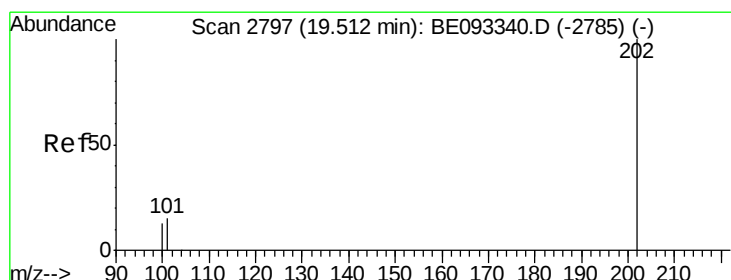
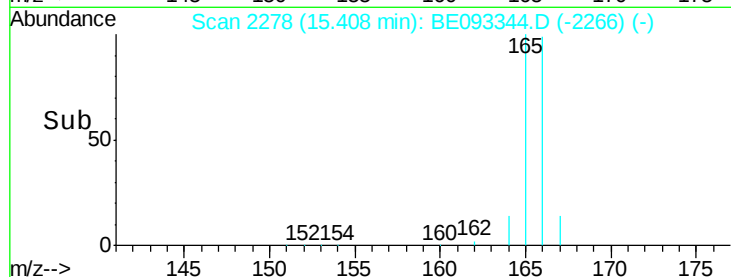
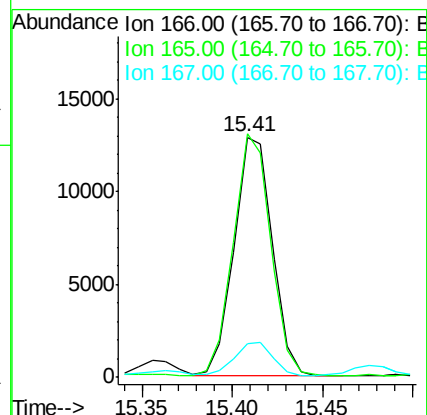
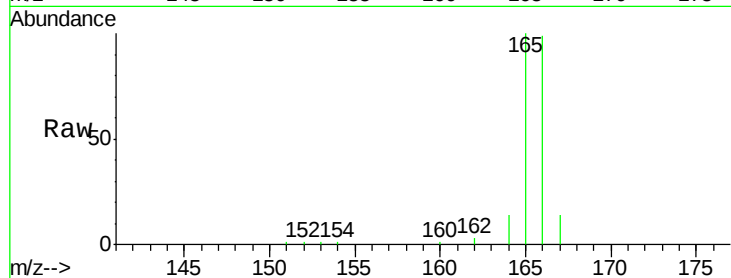
Tgt Ion:166 Resp: 18934

Ion Ratio Lower Upper

166 100

165 101.3 73.4 110.2

167 14.3 14.6 22.0#



#17

Pyrene

Concen: 0.63 ng/ul

RT: 19.51 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BE093344.D

Acq: 23 Jun 2017 19:34

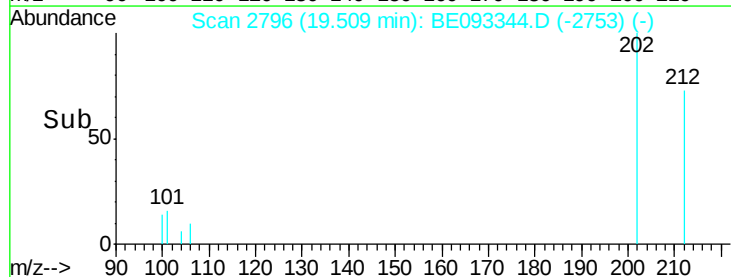
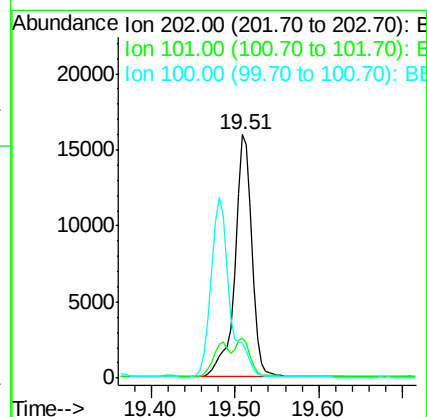
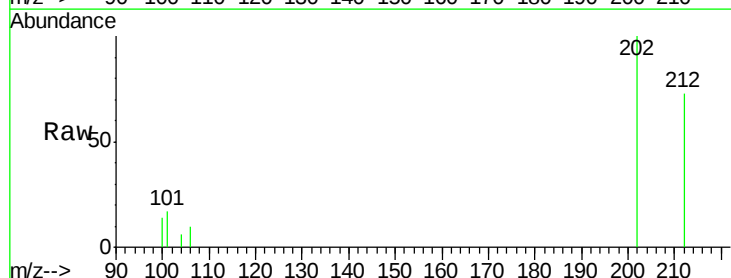
Tgt Ion:202 Resp: 22434

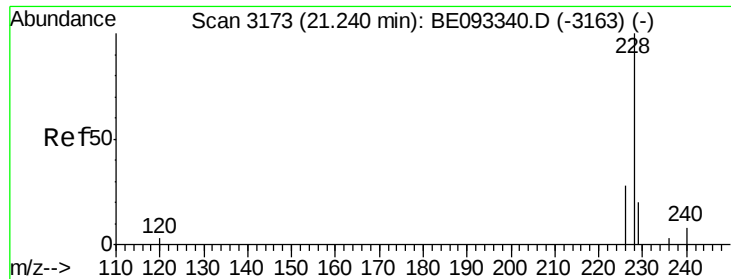
Ion Ratio Lower Upper

202 100

101 16.6 18.2 27.4#

100 14.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.17 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BE093344.D

Acq: 23 Jun 2017 19:34

Instrument :

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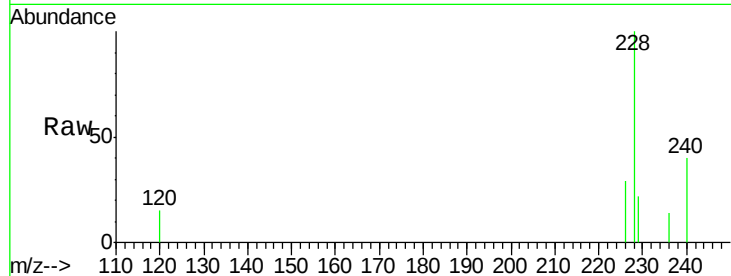
Tgt Ion:228 Resp: 5515

Ion Ratio Lower Upper

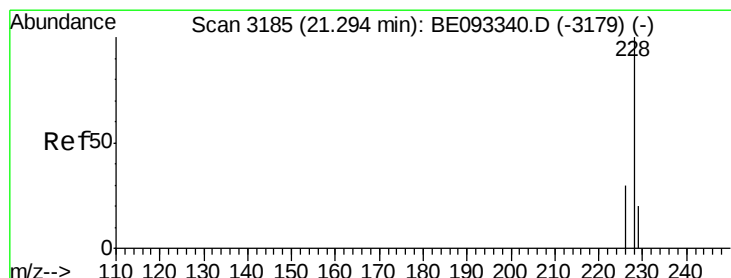
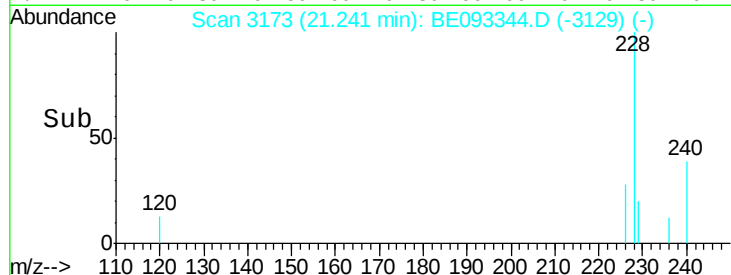
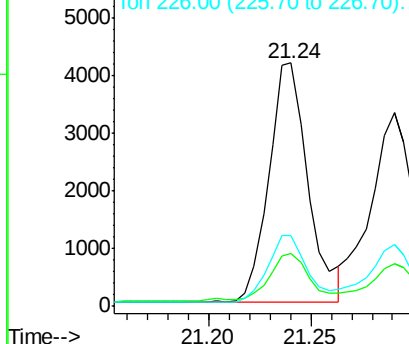
228 100

229 21.8 22.8 34.2#

226 29.3 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.14 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BE093344.D

Acq: 23 Jun 2017 19:34

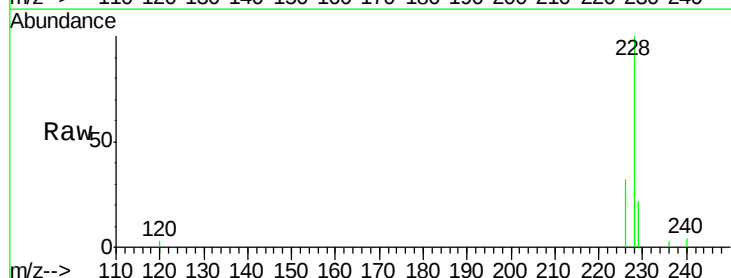
Tgt Ion:228 Resp: 4802

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

229 22.1 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

