

Data File : BE093348.D
Acq On : 23 Jun 2017 22:00
Operator : SJ/JU
Sample : I3627-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A47

Quant Time: Jun 24 04:30:06 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	1584	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8358	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5364	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12451	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12803	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	689434	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3608	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9937	0.29	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.56	128	34006	1.64	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	2370	0.17	ng/ul	99
7) Acenaphthylene	14.08	152	1356	0.06	ng/ul#	88
8) Acenaphthene	14.42	153	2209	0.12	ng/ul	98
9) Fluorene	15.41	166	2800	0.13	ng/ul	92
12) Phenanthrene	17.14	178	14696	0.43	ng/ul#	91
13) Anthracene	17.22	178	7119	0.24	ng/ul#	91
15) Fluoranthene	19.15	202	12081	0.29	ng/ul	84
17) Pyrene	19.51	202	11828	0.31	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	3289	0.10	ng/ul#	86
19) Chrysene	21.29	228	3286	0.09	ng/ul	91
26) Benzo(g,h,i)perylene	26.95	276	20937	0.01	ng/ul	97

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

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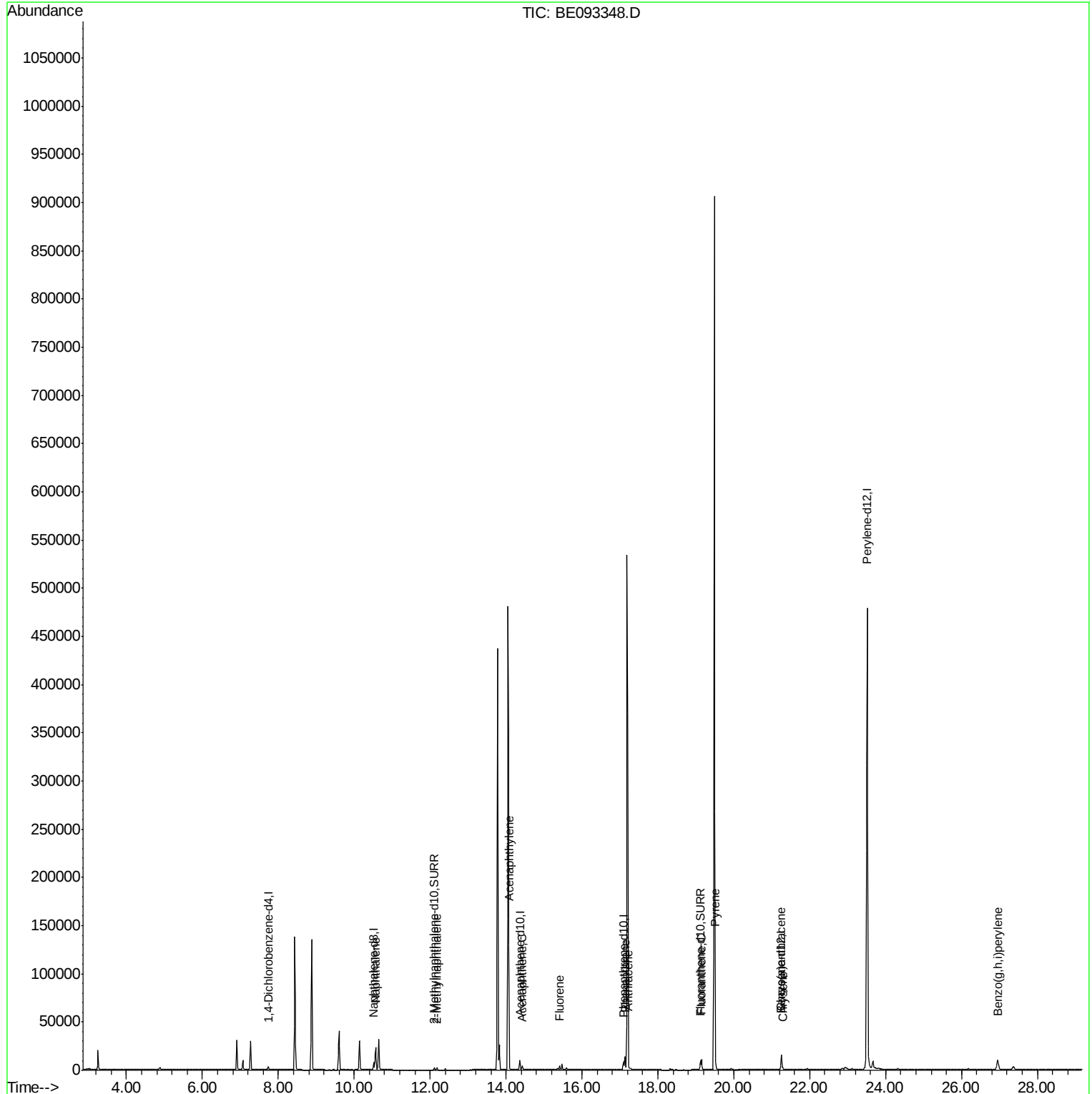
Quant Time: Jun 24 04:30:06 2017

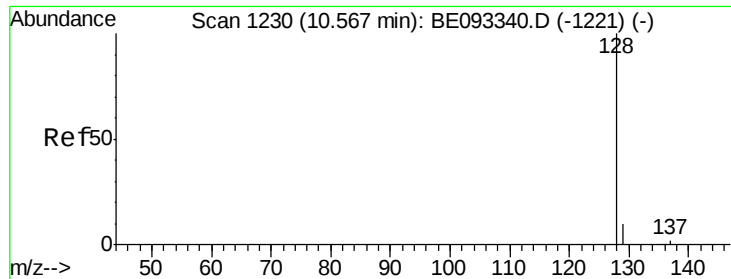
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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#3

Naphthalene

Concen: 1.64 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

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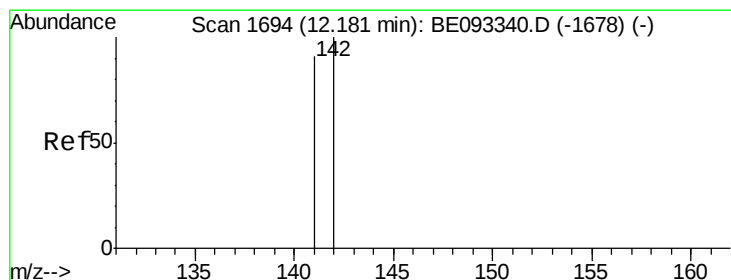
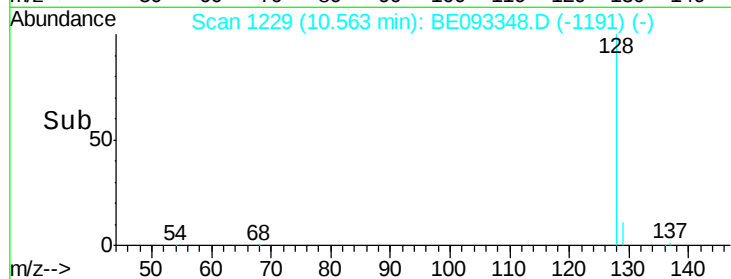
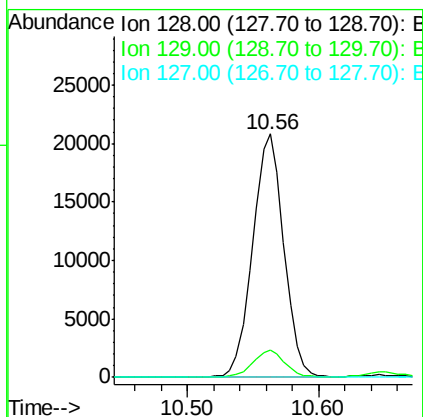
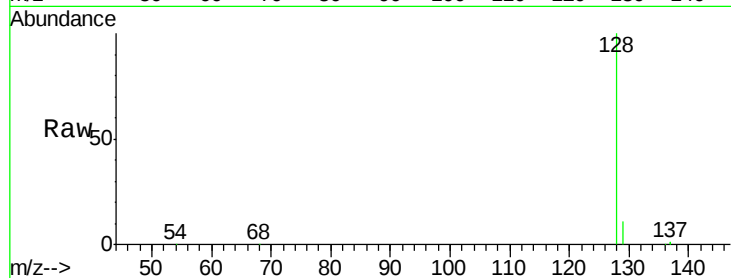
Tgt Ion:128 Resp: 34006

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.17 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093348.D

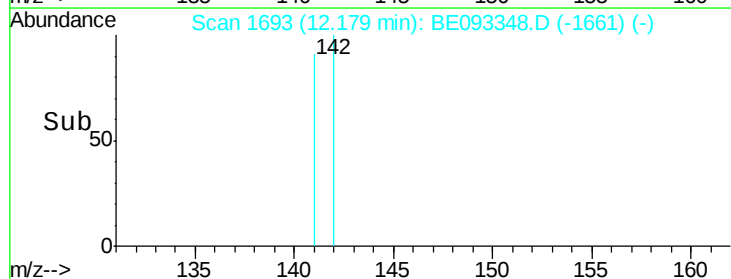
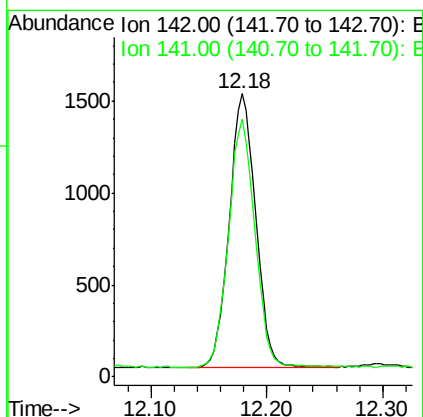
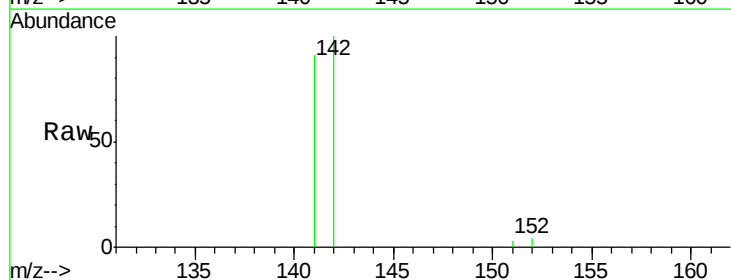
Acq: 23 Jun 2017 22:00

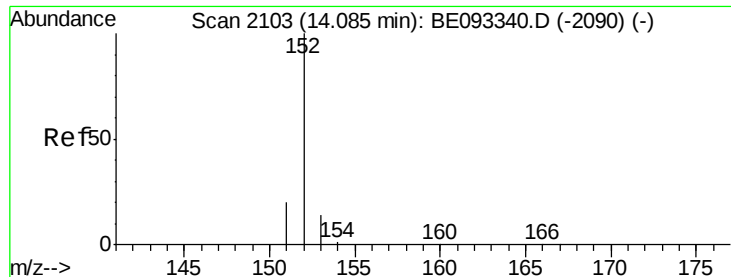
Tgt Ion:142 Resp: 2370

Ion Ratio Lower Upper

142 100

141 90.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.01 min

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Acq: 23 Jun 2017 22:00

Instrument :

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ClientSampleId :

F5A47

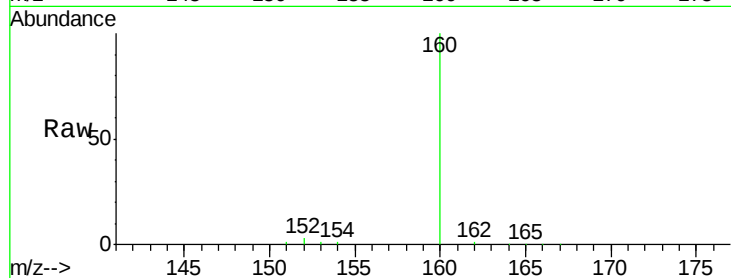
Tgt Ion:152 Resp: 1356

Ion Ratio Lower Upper

152 100

151 26.9 17.1 25.7#

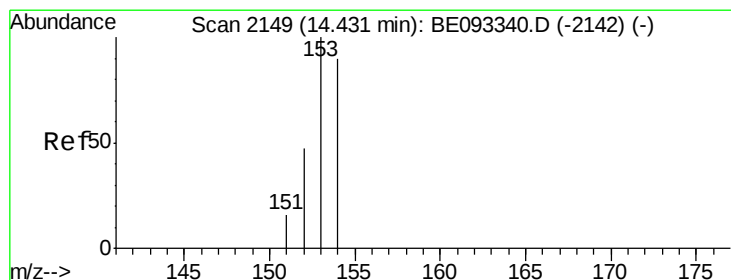
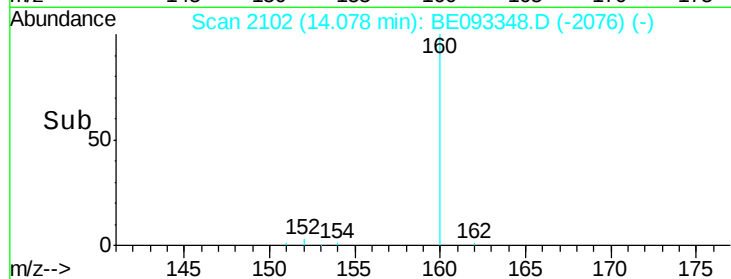
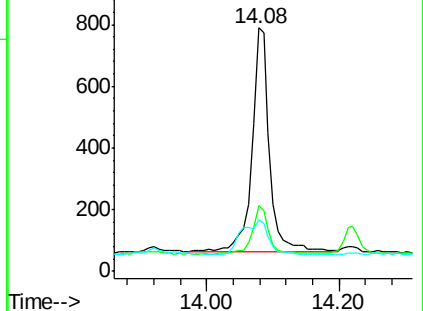
153 21.0 12.8 19.2#



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: 0.12 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

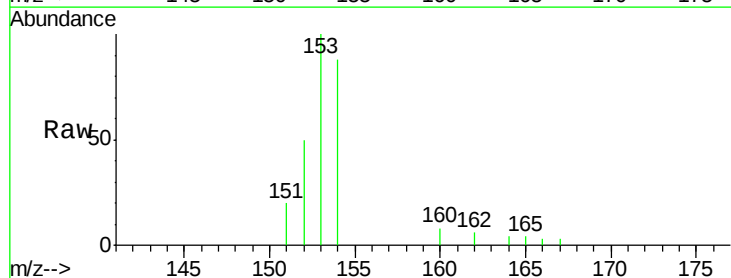
Tgt Ion:153 Resp: 2209

Ion Ratio Lower Upper

153 100

152 49.6 40.3 60.5

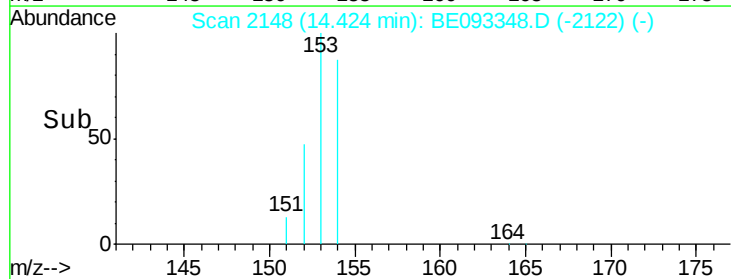
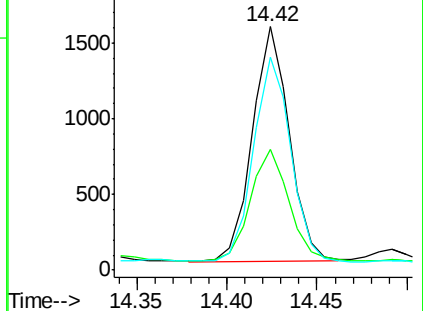
154 87.5 71.4 107.2

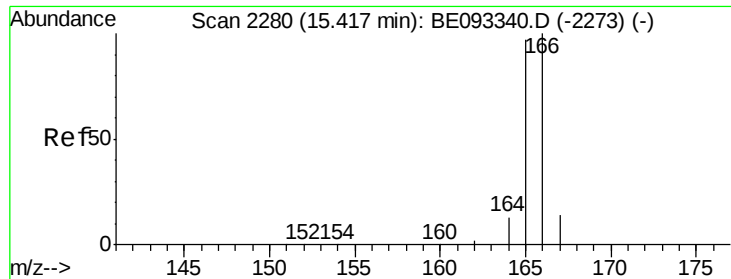


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.13 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Instrument :

BNA_E

ClientSampleId :

F5A47

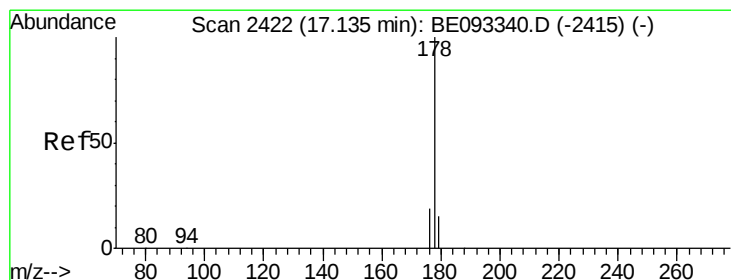
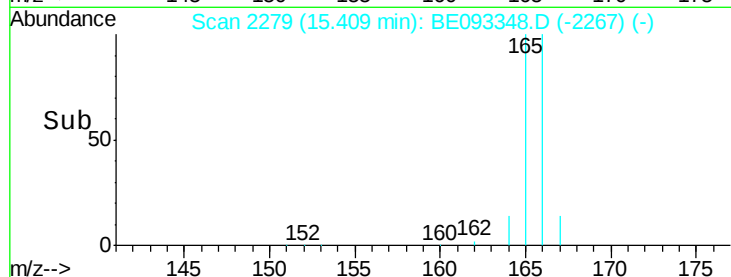
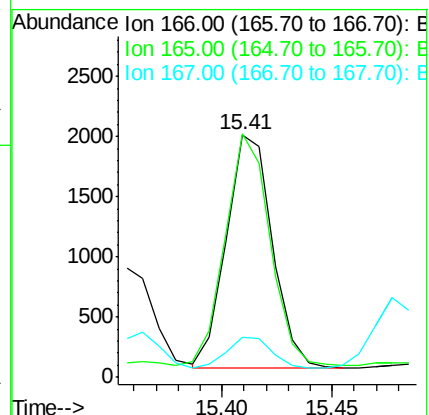
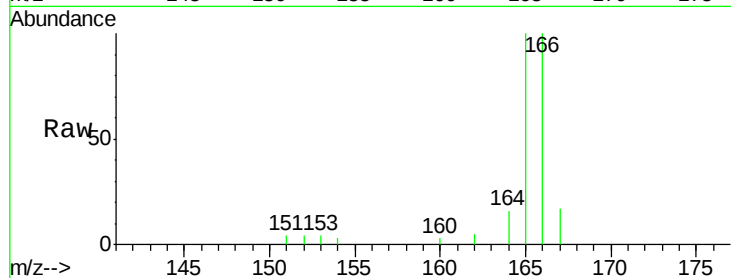
Tgt Ion:166 Resp: 2800

Ion Ratio Lower Upper

166 100

165 100.4 73.4 110.2

167 16.6 14.6 22.0



#12

Phenanthrene

Concen: 0.43 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

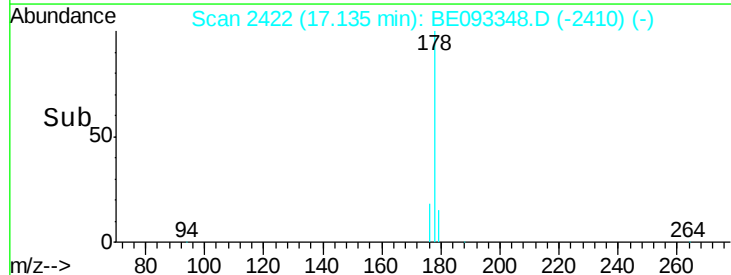
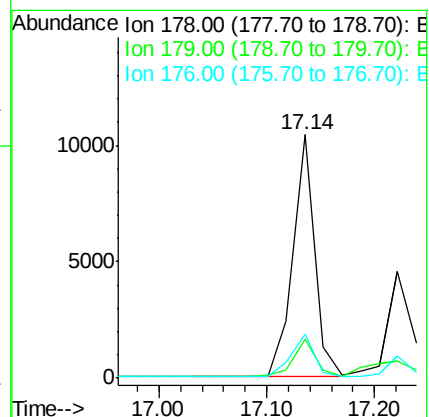
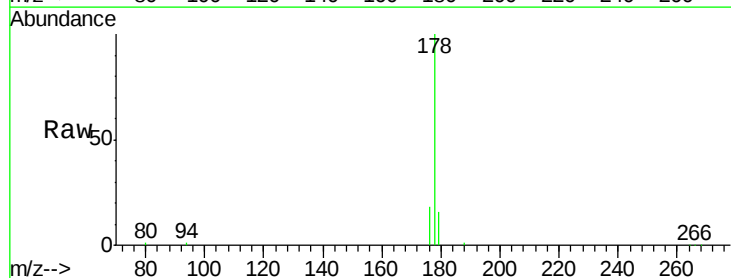
Tgt Ion:178 Resp: 14696

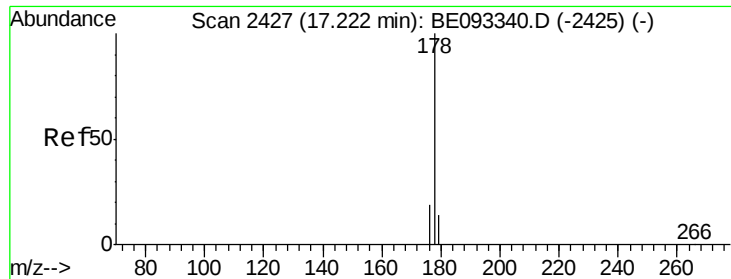
Ion Ratio Lower Upper

178 100

179 16.1 18.4 27.6#

176 18.2 13.6 20.4





#13

Anthracene

Concen: 0.24 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Instrument :

BNA_E

ClientSampleId :

F5A47

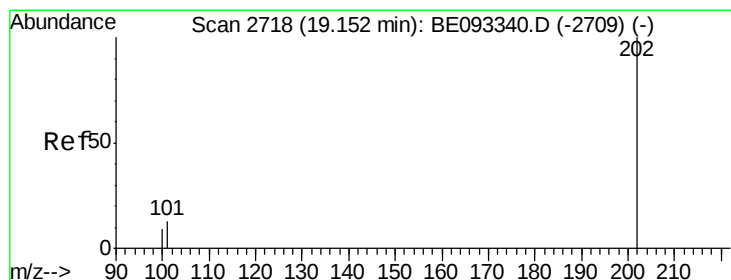
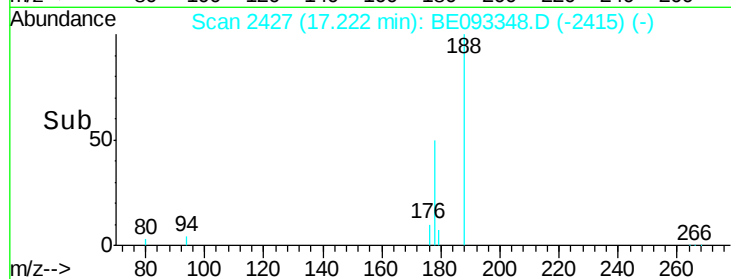
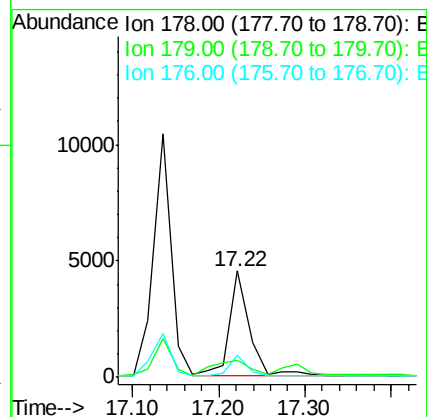
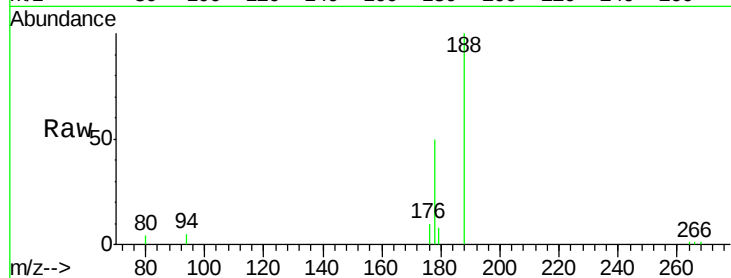
Tgt Ion:178 Resp: 7119

Ion Ratio Lower Upper

178 100

179 16.5 18.1 27.1#

176 20.4 14.7 22.1



#15

Fluoranthene

Concen: 0.29 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

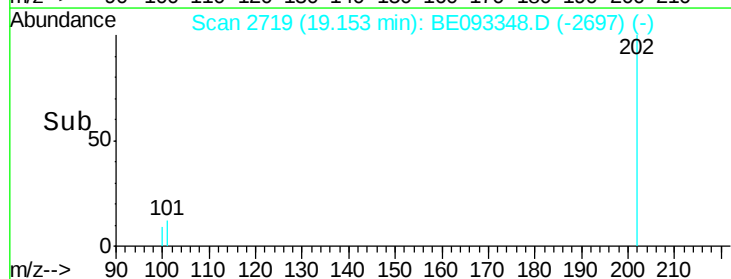
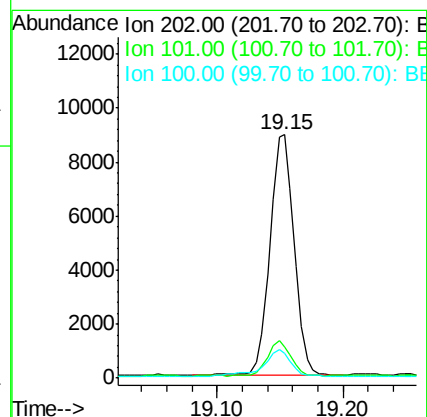
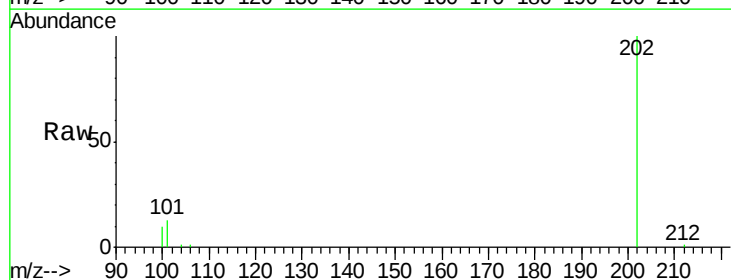
Tgt Ion:202 Resp: 12081

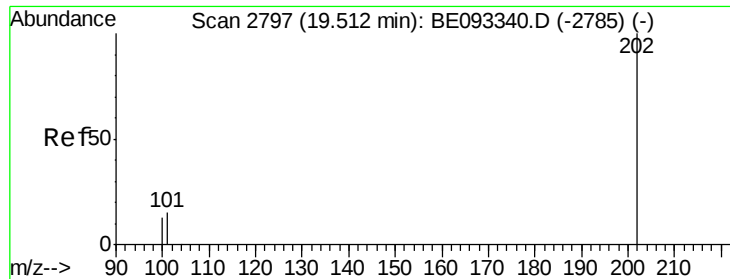
Ion Ratio Lower Upper

202 100

101 13.0 0.0 30.3

100 10.2 0.0 39.5





#17

Pyrene

Concen: 0.31 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

Instrument :

BNA_E

ClientSampleId :

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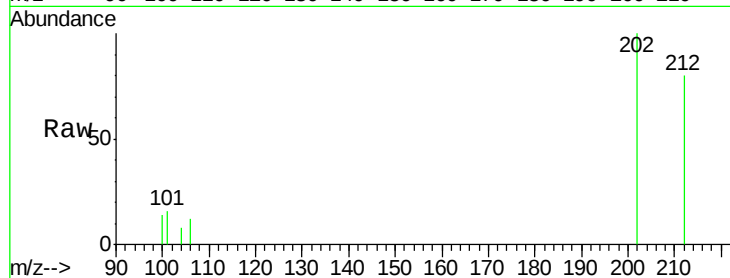
Tgt Ion:202 Resp: 11828

Ion Ratio Lower Upper

202 100

101 16.4 18.2 27.4#

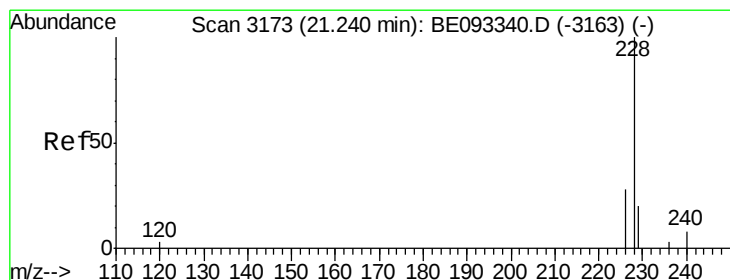
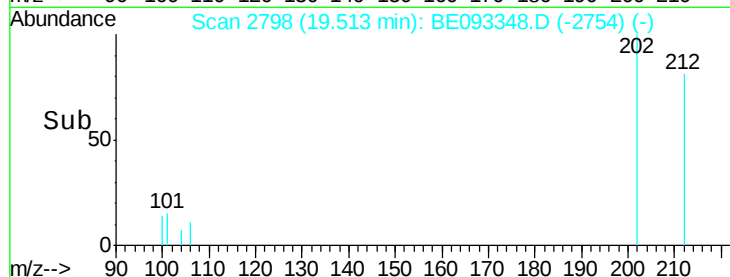
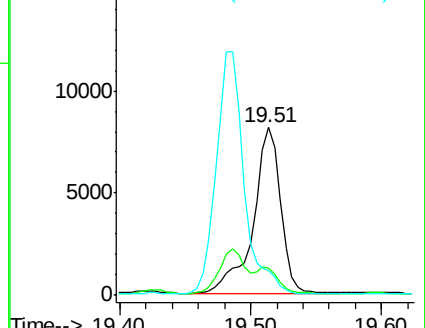
100 14.4 15.6 23.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.10 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

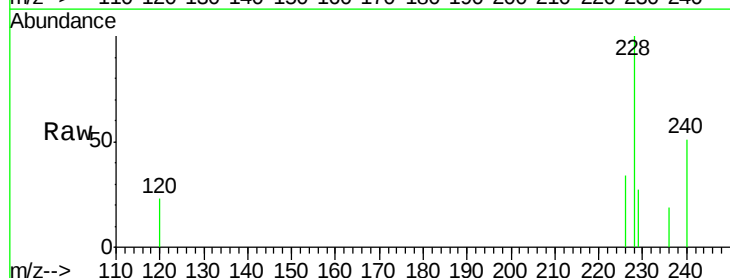
Tgt Ion:228 Resp: 3289

Ion Ratio Lower Upper

228 100

229 26.9 22.8 34.2

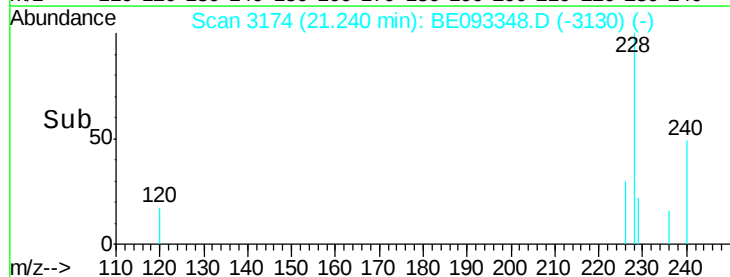
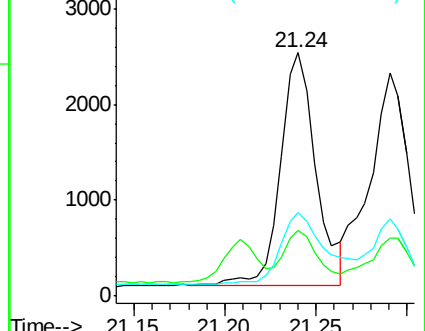
226 34.3 17.0 25.6#

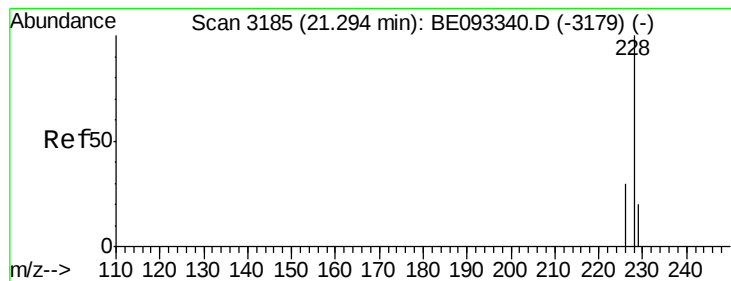


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.09 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

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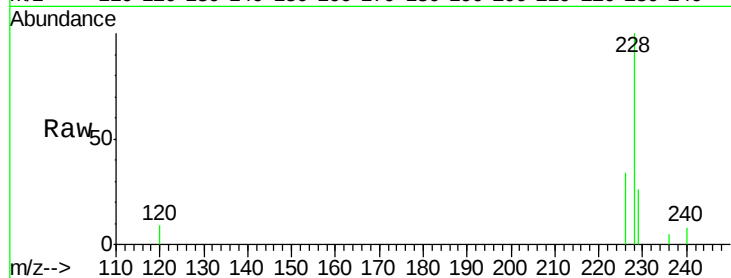
Tgt Ion:228 Resp: 3286

Ion Ratio Lower Upper

228 100

226 34.3 23.4 35.0

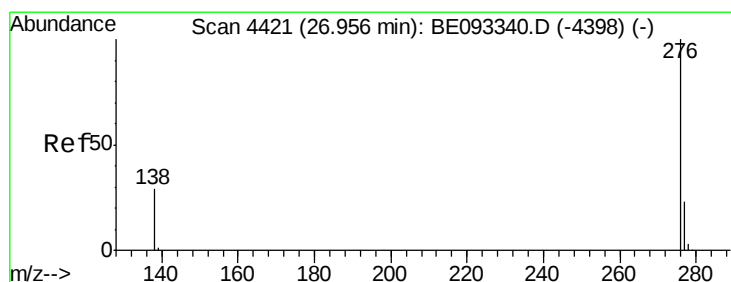
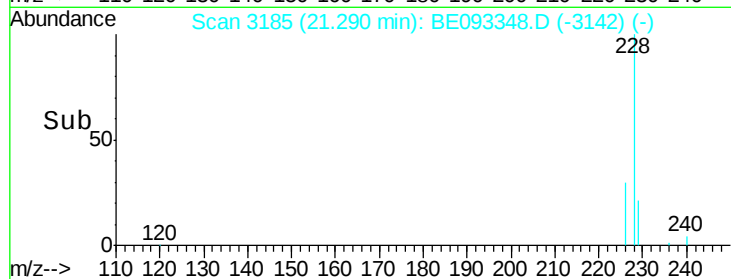
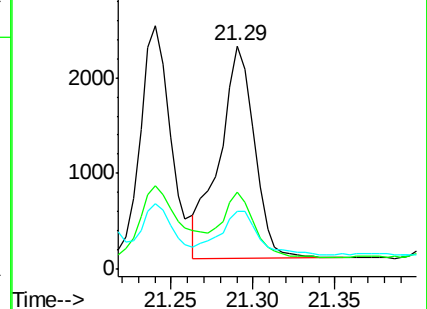
229 26.1 17.7 26.5



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



#26

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 26.95 min Scan# 4421

Delta R.T. -0.00 min

Lab File: BE093348.D

Acq: 23 Jun 2017 22:00

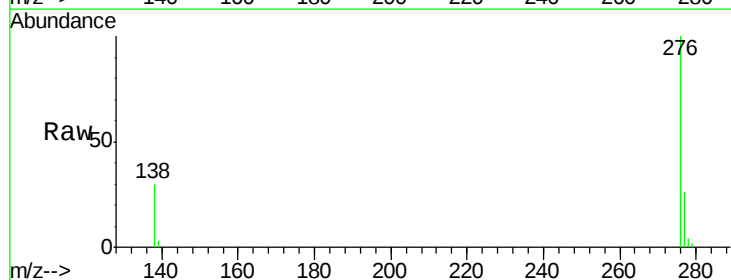
Tgt Ion:276 Resp: 20937

Ion Ratio Lower Upper

276 100

138 29.8 21.8 32.8

277 25.6 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

