

Data File : BE093347.D
Acq On : 23 Jun 2017 21:24
Operator : SJ/JU
Sample : I3627-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A46

Quant Time: Jun 24 04:29:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : 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	1562	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8225	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5226	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12408	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12668	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	633339	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	2948	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	8991	0.27	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.56	128	536	0.03	ng/ul#	77
5) 2-Methylnaphthalene	12.18	142	145	0.01	ng/ul	100
7) Acenaphthylene	14.08	152	764	0.03	ng/ul#	75
8) Acenaphthene	14.42	153	402	0.02	ng/ul	93
9) Fluorene	15.41	166	1185	0.06	ng/ul	92
12) Phenanthrene	17.14	178	7621	0.22	ng/ul#	91
13) Anthracene	17.22	178	1965	0.07	ng/ul#	96
15) Fluoranthene	19.15	202	6106	0.15	ng/ul	84
17) Pyrene	19.51	202	5834	0.16	ng/ul	95
18) Benzo(a)anthracene	21.24	228	1590	0.05	ng/ul#	80
19) Chrysene	21.29	228	1520	0.04	ng/ul#	79

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

Data File : BE093347.D

Acq On : 23 Jun 2017 21:24

Operator : SJ/JU

Sample : I3627-07

Misc :

ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A46

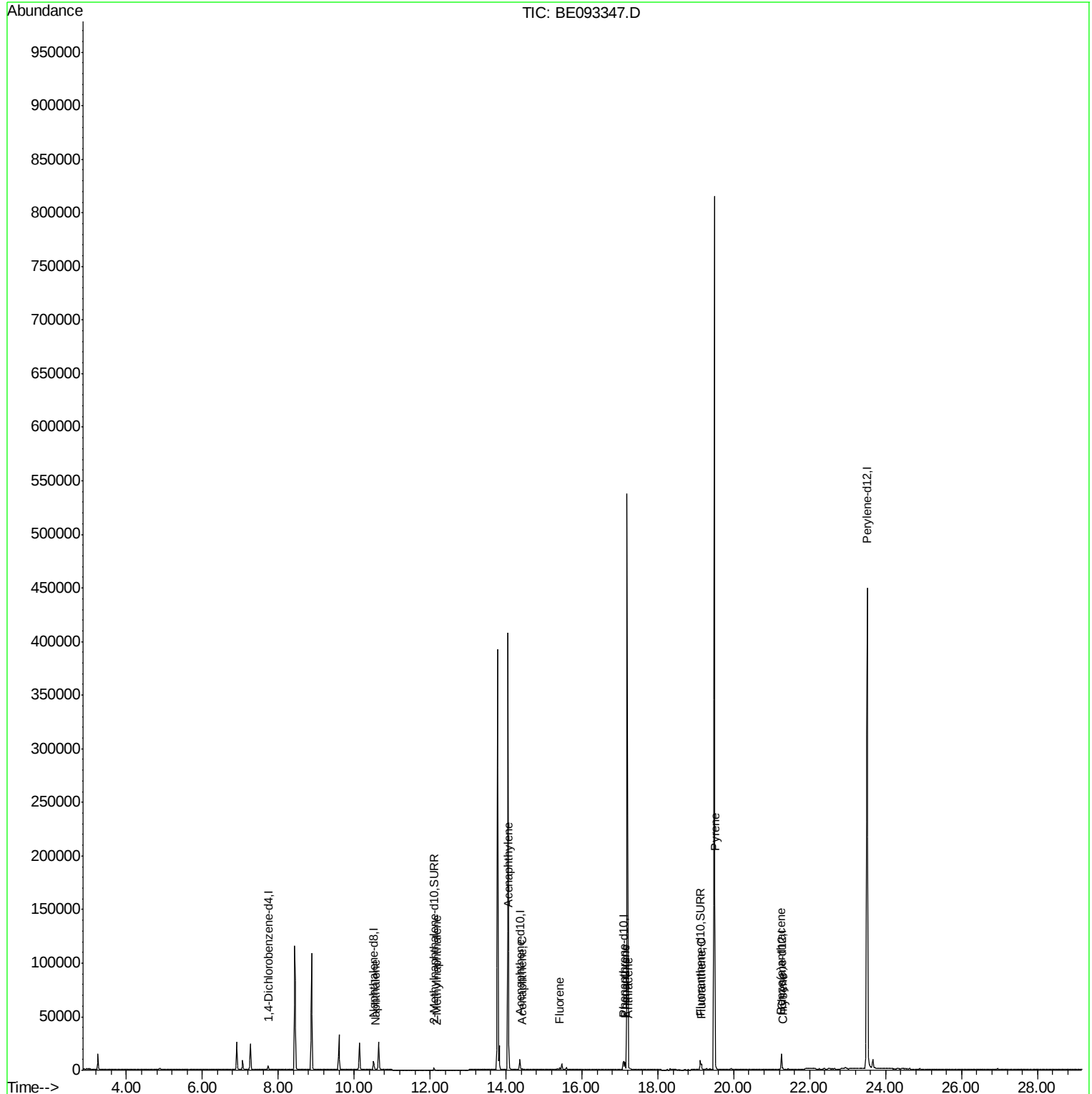
Quant Time: Jun 24 04:29:58 2017

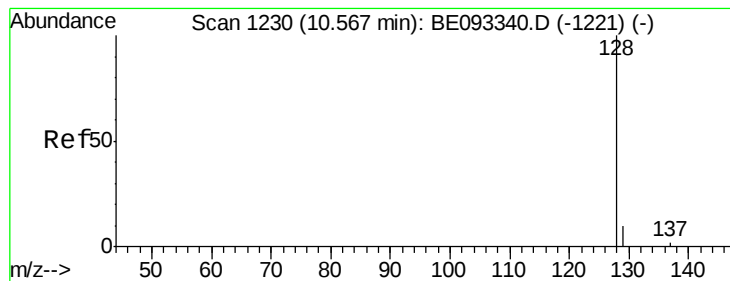
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 24 04:29:07 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093347.D

Acq: 23 Jun 2017 21:24

Instrument :

BNA_E

ClientSampleId :

F5A46

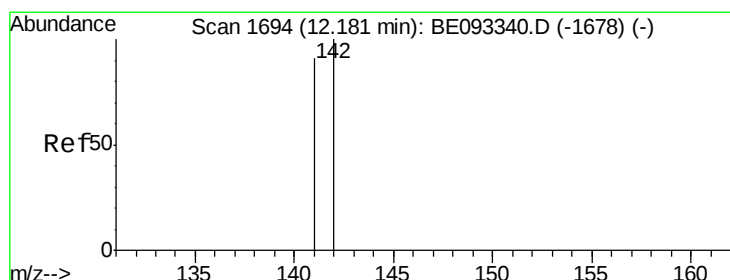
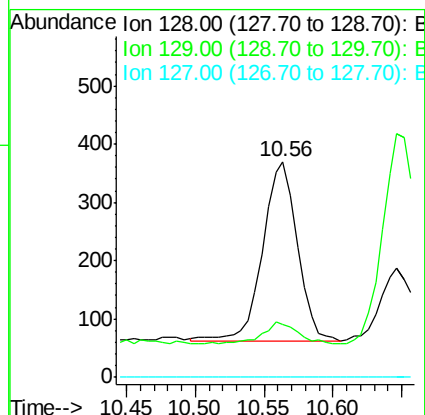
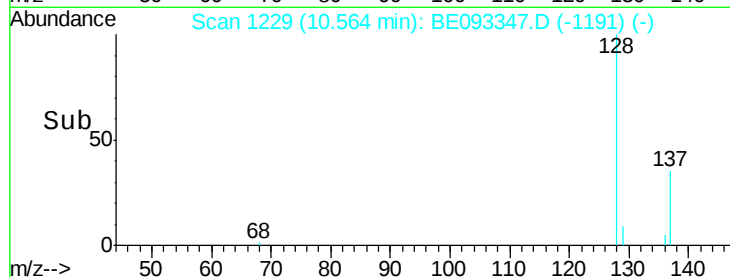
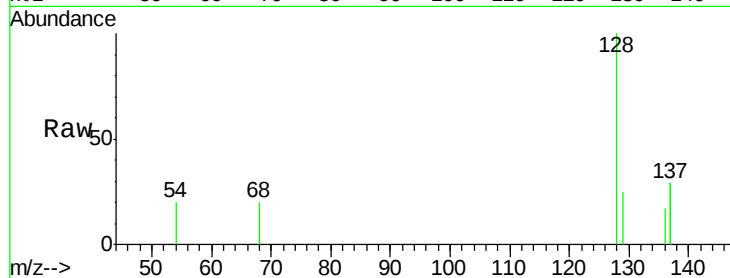
Tgt Ion:128 Resp: 536

Ion Ratio Lower Upper

128 100

129 24.6 11.3 16.9#

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093347.D

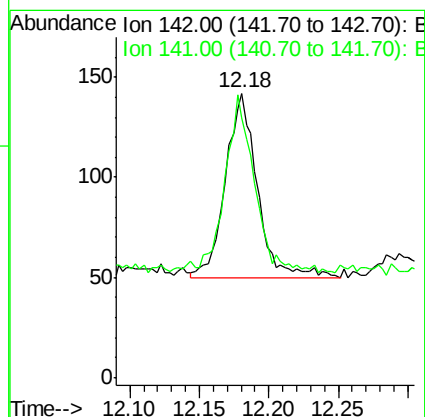
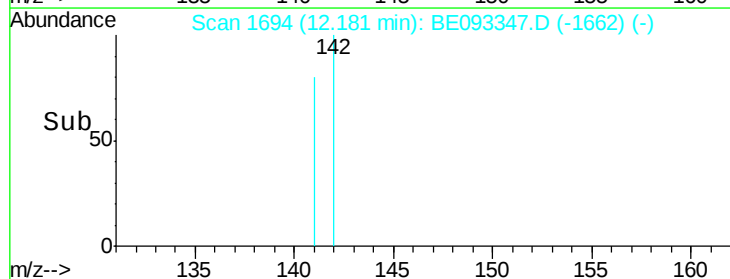
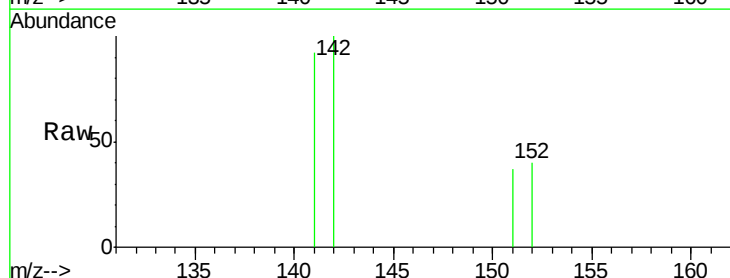
Acq: 23 Jun 2017 21:24

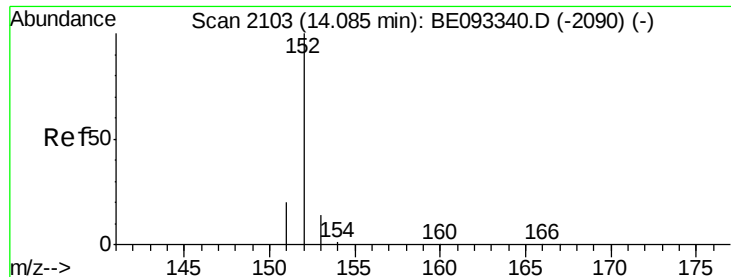
Tgt Ion:142 Resp: 145

Ion Ratio Lower Upper

142 100

141 91.0 72.6 108.8





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BE093347.D

Acq: 23 Jun 2017 21:24

Instrument :

BNA_E

ClientSampleId :

F5A46

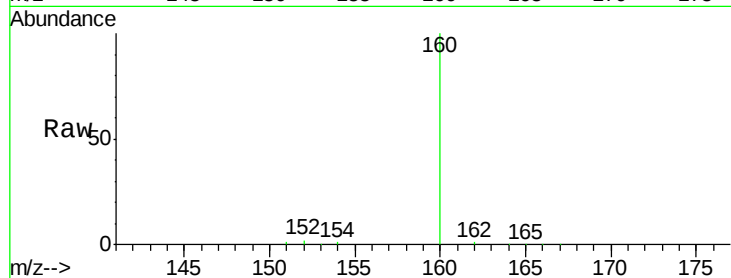
Tgt Ion:152 Resp: 764

Ion Ratio Lower Upper

152 100

151 31.8 17.1 25.7#

153 28.0 12.8 19.2#



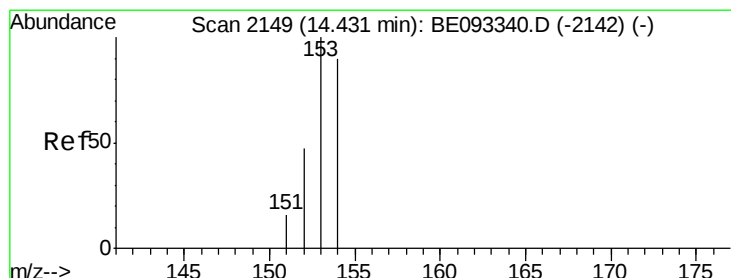
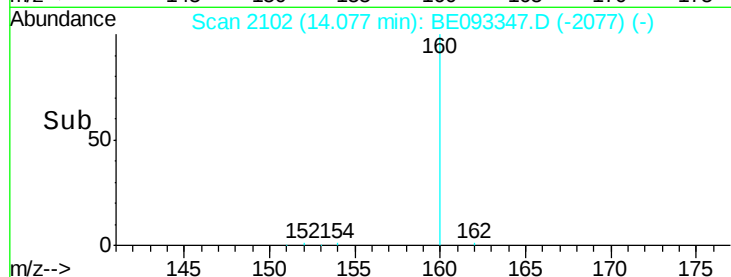
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.08

Time-->



#8

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BE093347.D

Acq: 23 Jun 2017 21:24

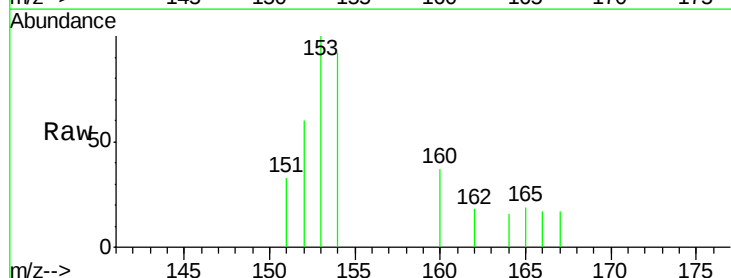
Tgt Ion:153 Resp: 402

Ion Ratio Lower Upper

153 100

152 60.1 40.3 60.5

154 91.6 71.4 107.2



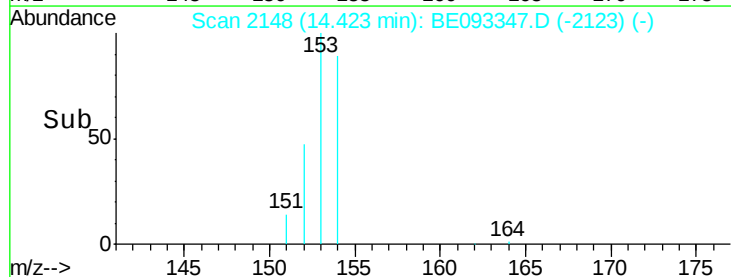
Abundance Ion 153.00 (152.70 to 153.70): E

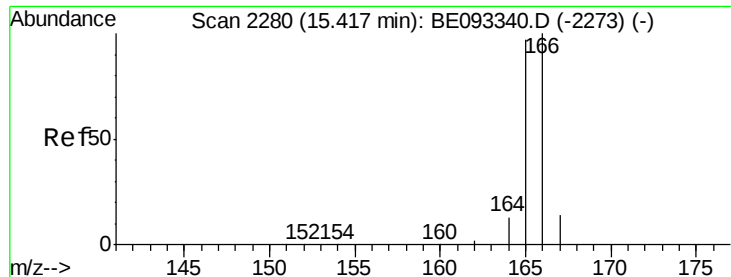
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.42

Time-->





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE093347.D

Acq: 23 Jun 2017 21:24

Instrument :

BNA_E

ClientSampleId :

F5A46

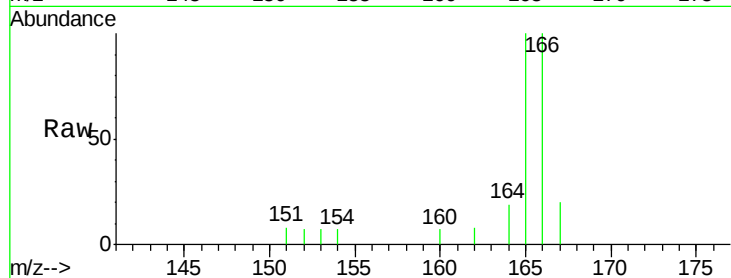
Tgt Ion:166 Resp: 1185

Ion Ratio Lower Upper

166 100

165 100.1 73.4 110.2

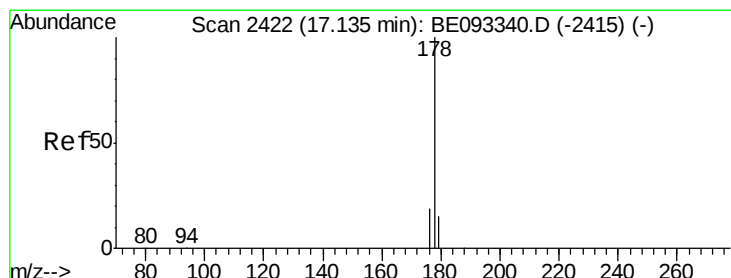
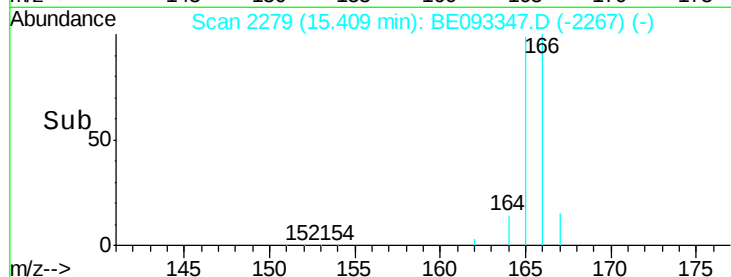
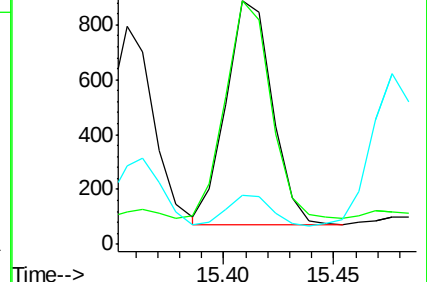
167 20.0 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.22 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093347.D

Acq: 23 Jun 2017 21:24

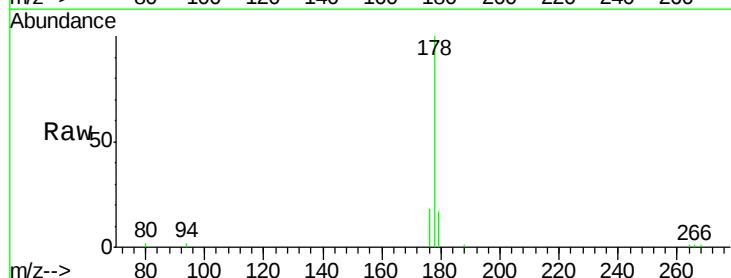
Tgt Ion:178 Resp: 7621

Ion Ratio Lower Upper

178 100

179 16.9 18.4 27.6#

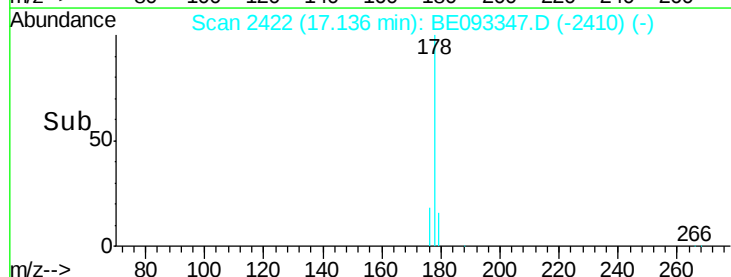
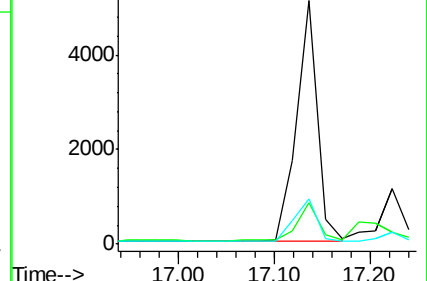
176 18.4 13.6 20.4

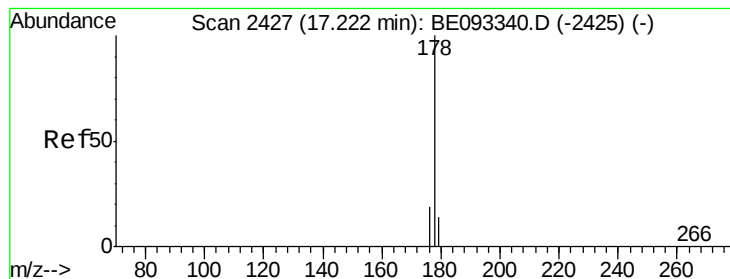


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.07 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093347.D

Acq: 23 Jun 2017 21:24

Instrument :

BNA_E

ClientSampleId :

F5A46

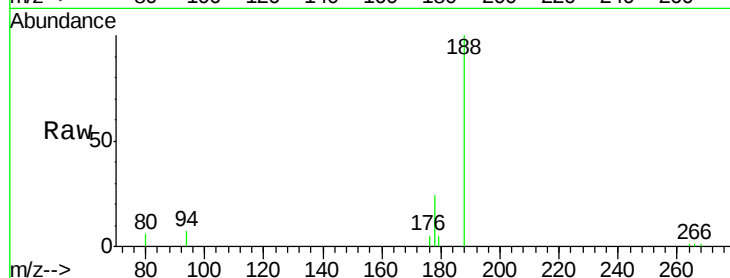
Tgt Ion:178 Resp: 1965

Ion Ratio Lower Upper

178 100

179 22.3 18.1 27.1

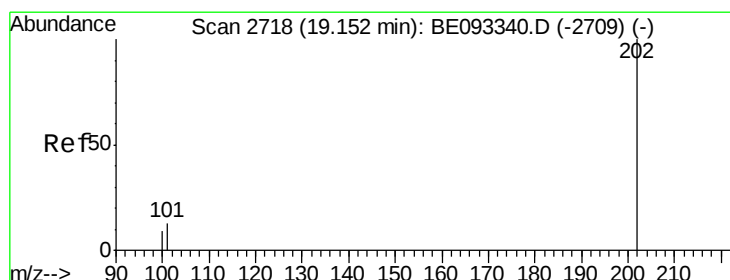
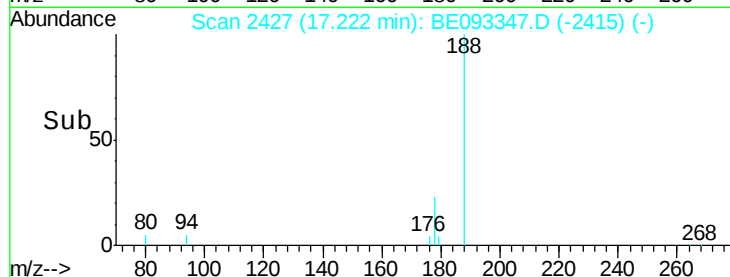
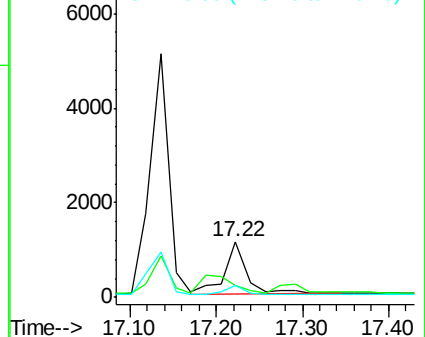
176 22.3 14.7 22.1#



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: 0.15 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE093347.D

Acq: 23 Jun 2017 21:24

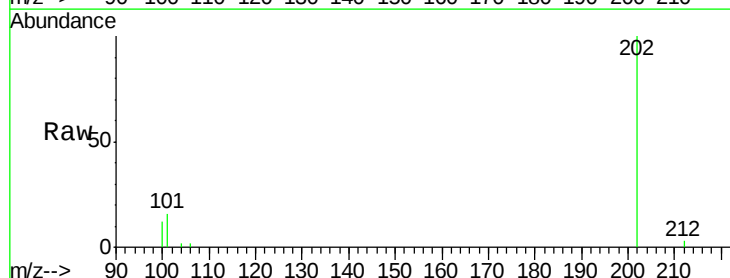
Tgt Ion:202 Resp: 6106

Ion Ratio Lower Upper

202 100

101 15.5 0.0 30.3

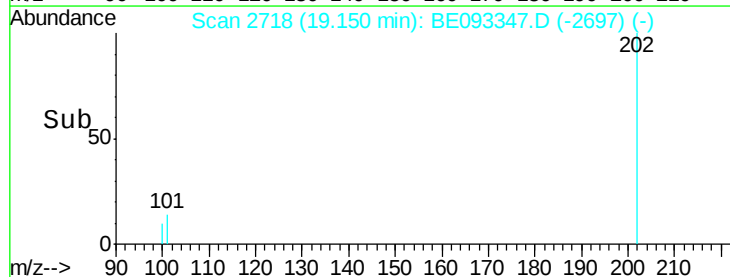
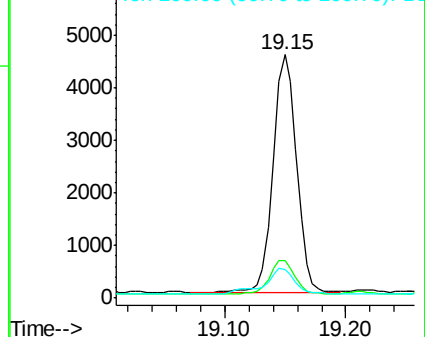
100 11.8 0.0 39.5

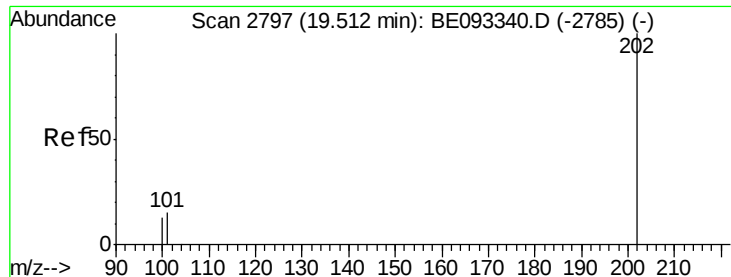


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pyrene

Concen: 0.16 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BE093347.D

Acq: 23 Jun 2017 21:24

Instrument :

BNA_E

ClientSampled :

F5A46

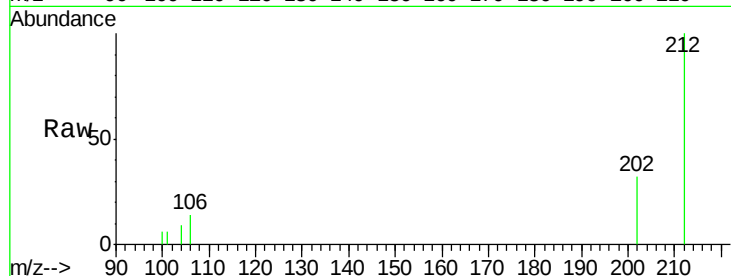
Tgt Ion:202 Resp: 5834

Ion Ratio Lower Upper

202 100

101 19.8 18.2 27.4

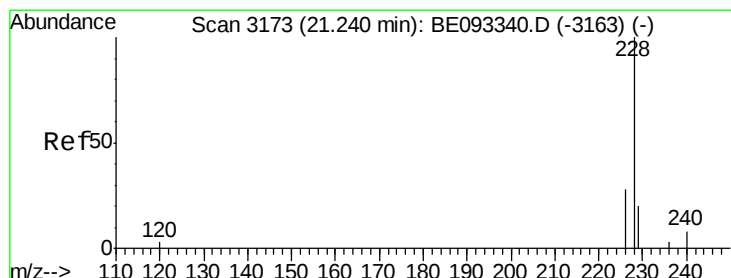
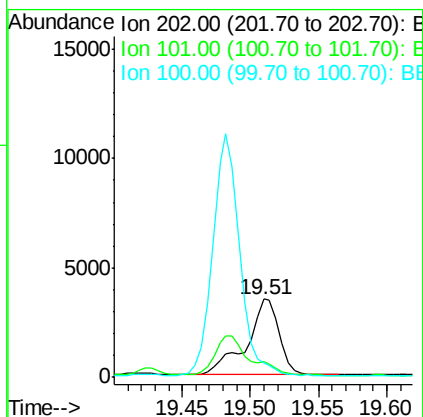
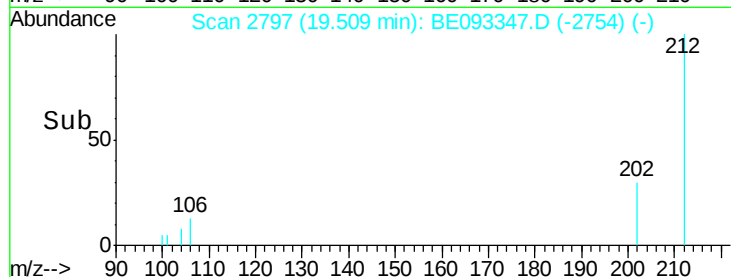
100 18.2 15.6 23.4



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): BE



#18

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE093347.D

Acq: 23 Jun 2017 21:24

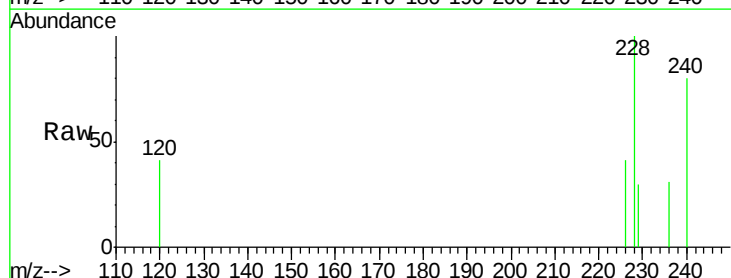
Tgt Ion:228 Resp: 1590

Ion Ratio Lower Upper

228 100

229 30.2 22.8 34.2

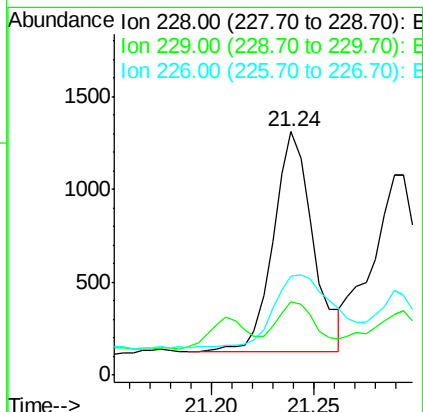
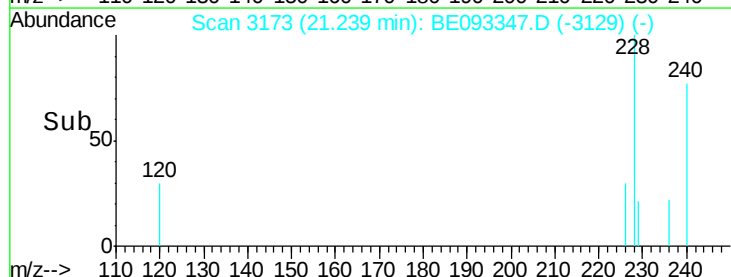
226 40.9 17.0 25.6#

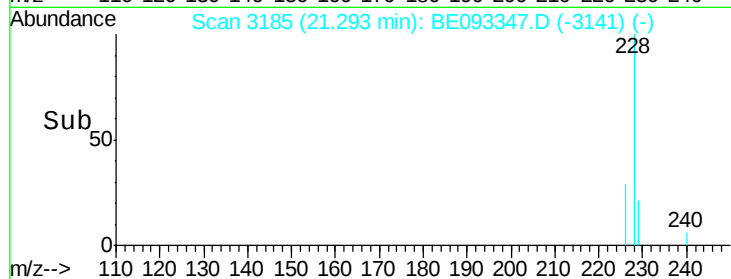
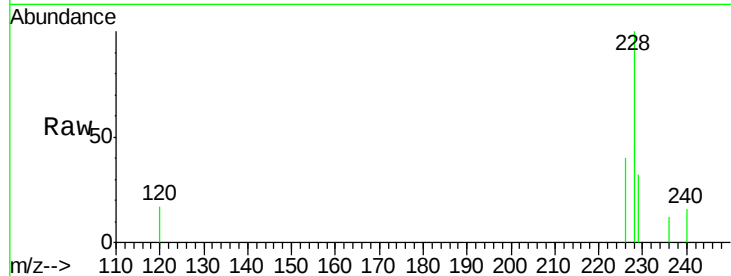
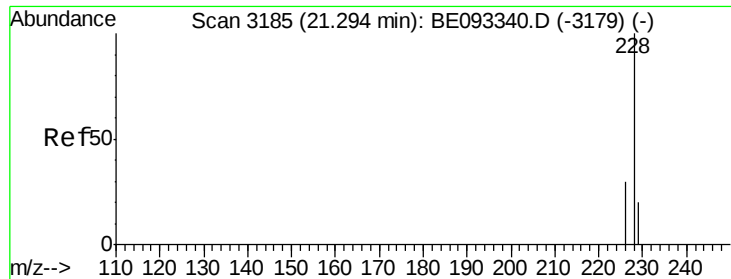


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093347.D

Acq: 23 Jun 2017 21:24

Instrument :

BNA_E

ClientSampleId :

F5A46

Tgt Ion:228 Resp: 1520

Ion Ratio Lower Upper

228 100

226 40.0 23.4 35.0#

229 32.2 17.7 26.5#

