

Data File : BE093143.D
Acq On : 13 Jun 2017 22:43
Operator : SJ/MA
Sample : I3558-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A58

Quant Time: Jun 14 01:26:52 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 01:25:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5316	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	26156	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	16552	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	38417	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	38995	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1903723	0.40	ng/ul	-0.14

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	10055	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	26386	0.25	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	1160	0.02	ng/ul#	86
5) 2-Methylnaphthalene	12.19	142	649	0.01	ng/ul	99
7) Acenaphthylene	14.09	152	834	0.01	ng/ul#	79
12) Phenanthrene	17.14	178	1683	0.02	ng/ul#	88
13) Anthracene	17.22	178	1583	0.02	ng/ul#	42
15) Fluoranthene	19.15	202	1497	0.01	ng/ul	84
17) Pyrene	19.49	202	5142	0.04	ng/ul#	1

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

Data File : BE093143.D

Acq On : 13 Jun 2017 22:43

Operator : SJ/MA

Sample : I3558-04

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A58

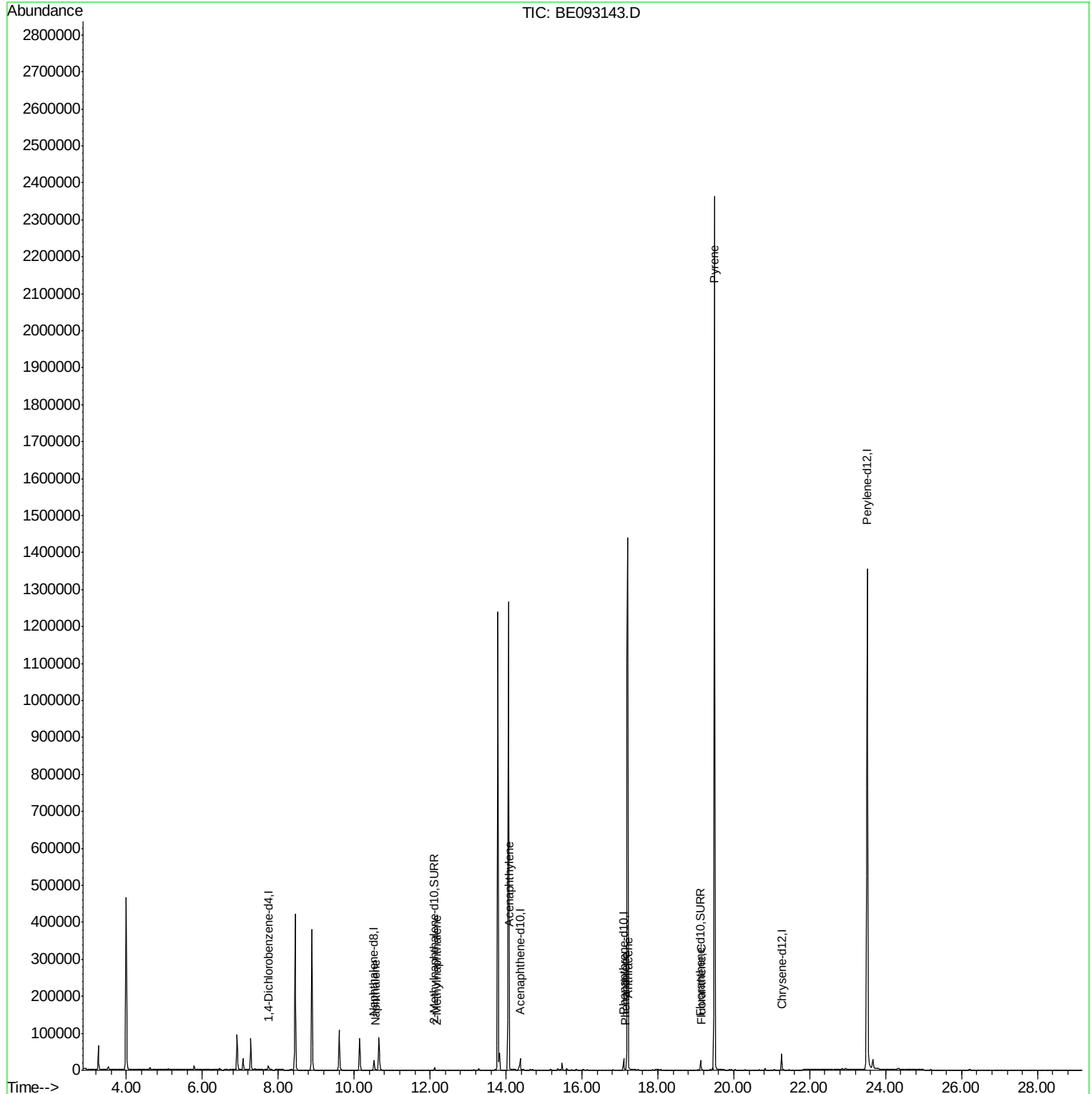
Quant Time: Jun 14 01:26:52 2017

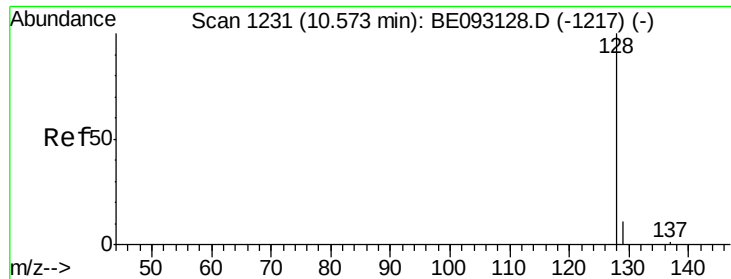
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 14 01:25:15 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BE093143.D

Acq: 13 Jun 2017 22:43

Instrument :

BNA_E

ClientSampleId :

F5A58

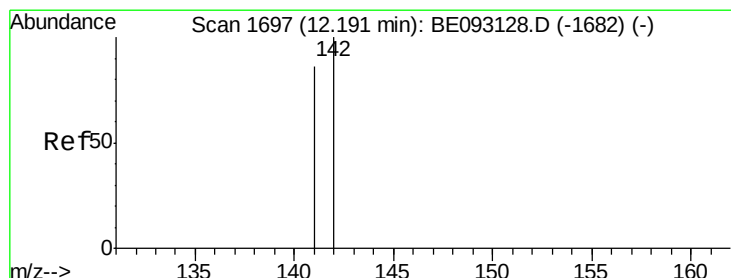
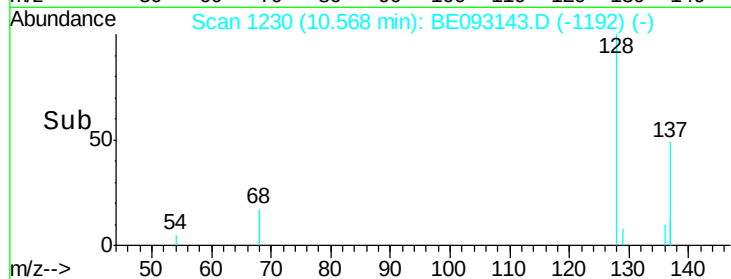
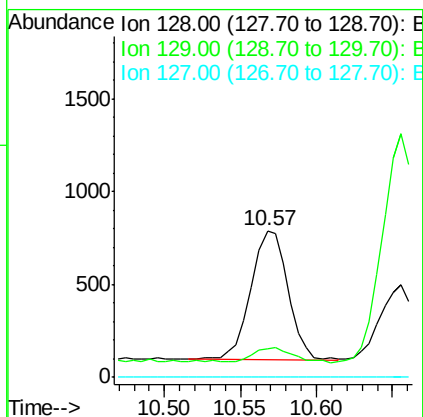
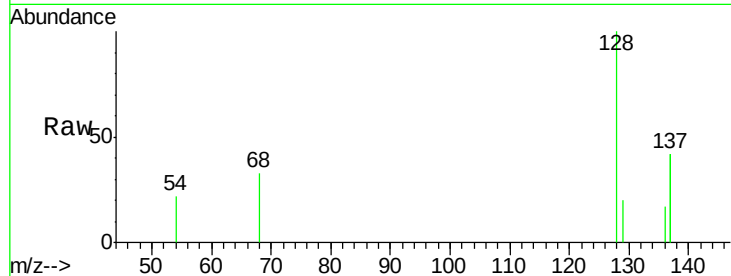
Tgt Ion:128 Resp: 1160

Ion Ratio Lower Upper

128 100

129 19.7 11.3 16.9#

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.01 ng/ul

RT: 12.19 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BE093143.D

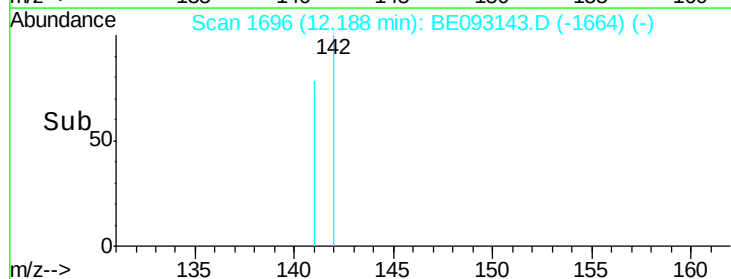
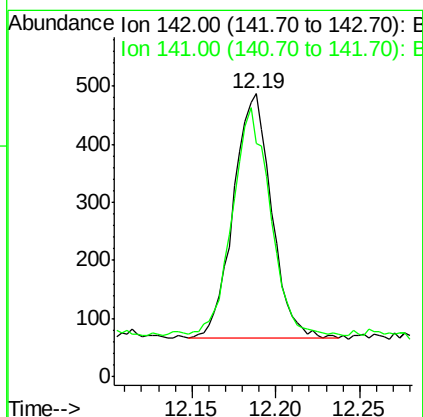
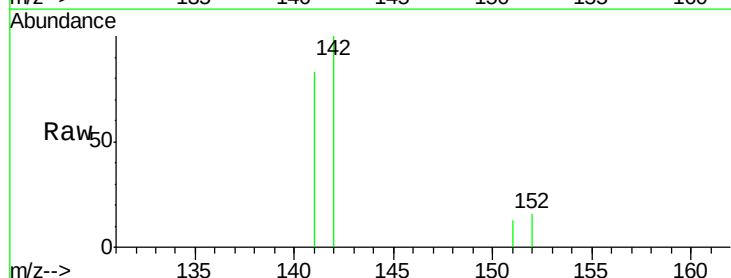
Acq: 13 Jun 2017 22:43

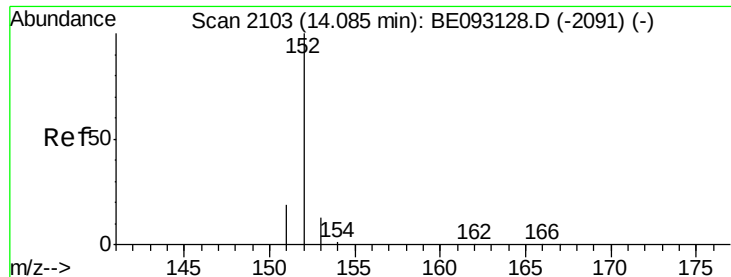
Tgt Ion:142 Resp: 649

Ion Ratio Lower Upper

142 100

141 91.4 72.6 108.8





#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093143.D

Acq: 13 Jun 2017 22:43

Instrument :

BNA_E

ClientSampleId :

F5A58

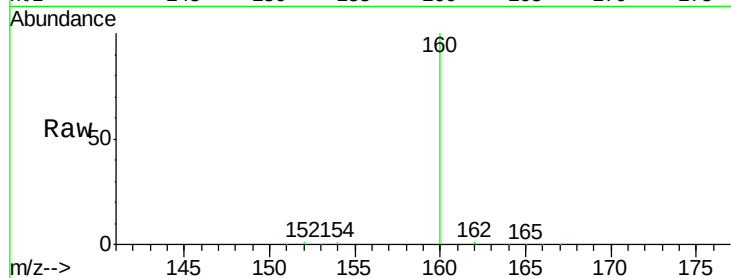
Tgt Ion:152 Resp: 834

Ion Ratio Lower Upper

152 100

151 31.3 17.1 25.7#

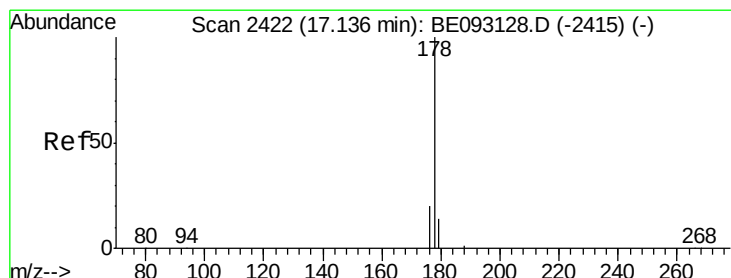
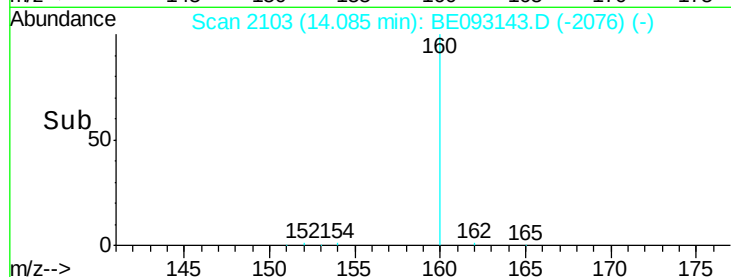
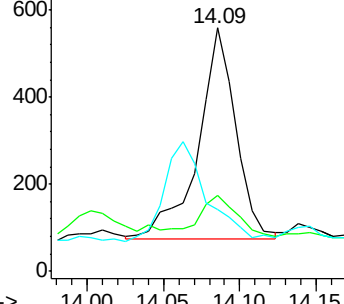
153 25.4 12.8 19.2#



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



#12

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093143.D

Acq: 13 Jun 2017 22:43

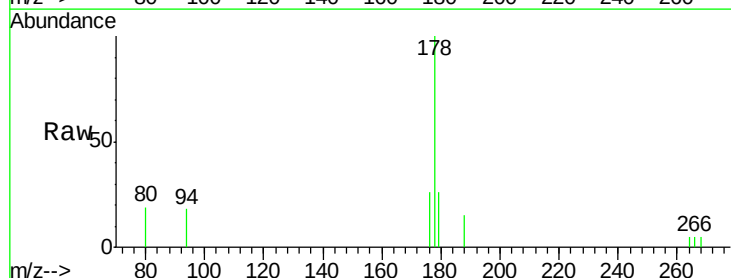
Tgt Ion:178 Resp: 1683

Ion Ratio Lower Upper

178 100

179 26.3 18.4 27.6

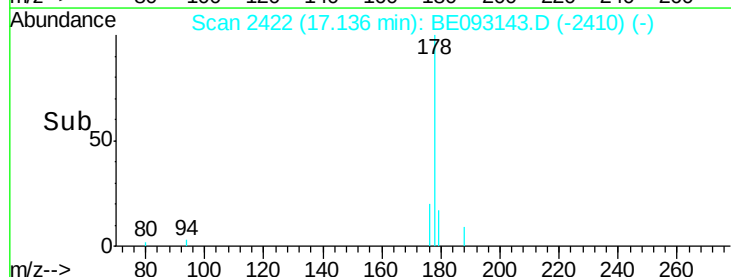
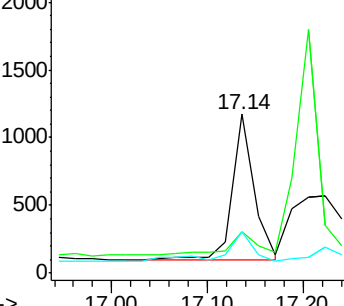
176 25.7 13.6 20.4#

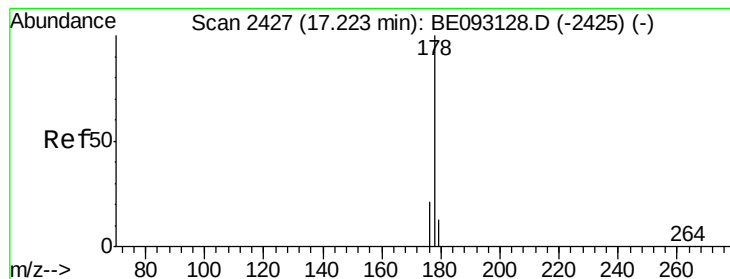


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.02 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093143.D

Acq: 13 Jun 2017 22:43

Instrument :

BNA_E

ClientSampleId :

F5A58

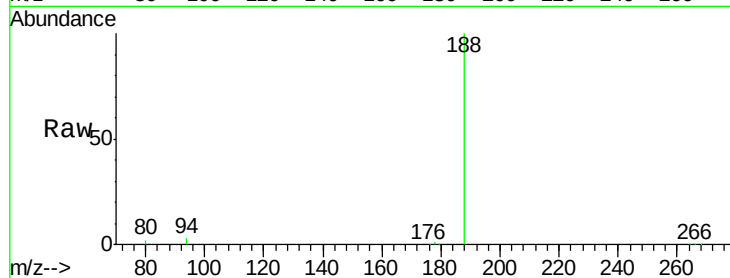
Tgt Ion:178 Resp: 1583

Ion Ratio Lower Upper

178 100

179 60.6 18.1 27.1#

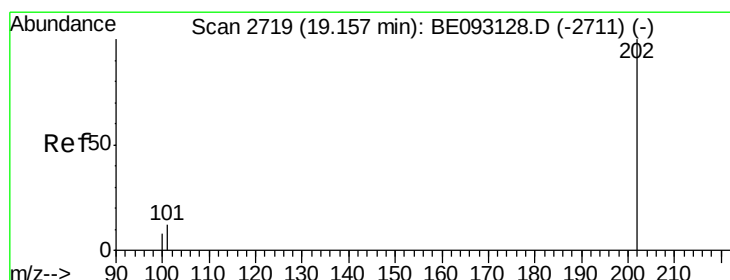
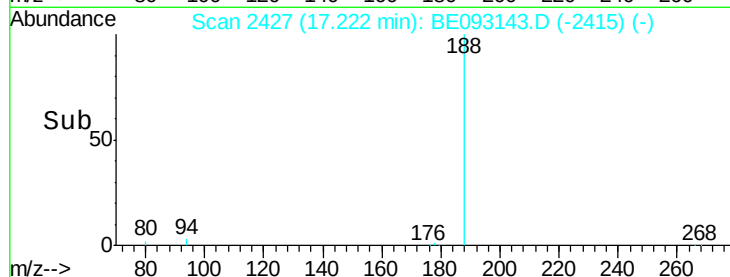
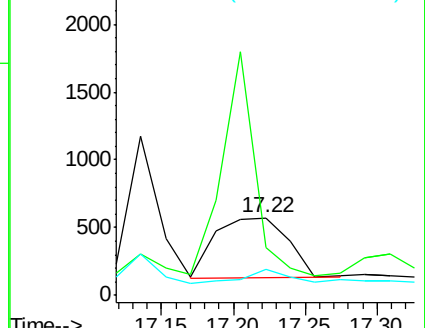
176 32.8 14.7 22.1#



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: 0.01 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE093143.D

Acq: 13 Jun 2017 22:43

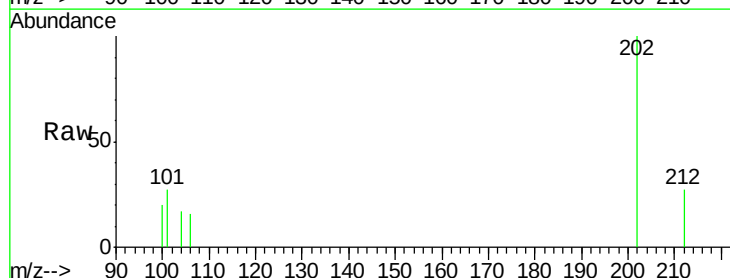
Tgt Ion:202 Resp: 1497

Ion Ratio Lower Upper

202 100

101 27.0 0.0 30.3

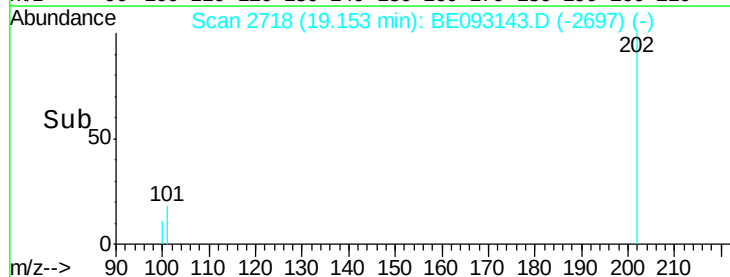
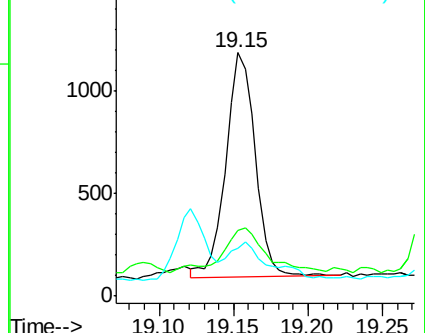
100 19.8 0.0 39.5

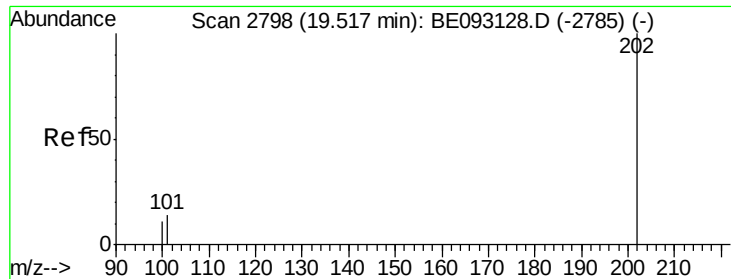


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17
 Pyrene
 Concen: 0.04 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.03 min
 Lab File: BE093143.D
 Acq: 13 Jun 2017 22:43

Instrument :
 BNA_E
 ClientSampleId :
 F5A58

Tgt Ion: 202 Resp: 5142
 Ion Ratio Lower Upper
 202 100
 101 189.6 18.2 27.4#
 100 1080.3 15.6 23.4#

