

Data File : BE093194.D
Acq On : 15 Jun 2017 6:12
Operator : SJ/MA
Sample : SSTDC00.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A37

Quant Time: Jun 15 07:07:18 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 03:59:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2978	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	15613	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10000	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	22671	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	22535	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	910122	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5067	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	13615	0.22	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	520	0.01	ng/ul#	68
7) Acenaphthylene	14.09	152	1003	0.02	ng/ul#	76
11) Pentachlorophenol	16.75	266	37	0.01	ng/ul#	50
12) Phenanthrene	17.14	178	4480	0.07	ng/ul#	89
13) Anthracene	17.22	178	1338	0.02	ng/ul#	46
15) Fluoranthene	19.16	202	10708	0.14	ng/ul	83
17) Pyrene	19.52	202	12135	0.18	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	4562	0.08	ng/ul#	87
19) Chrysene	21.29	228	6342	0.10	ng/ul	90

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

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Sample : SSTDCCC0.4

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ClientSampleId :

F5A37

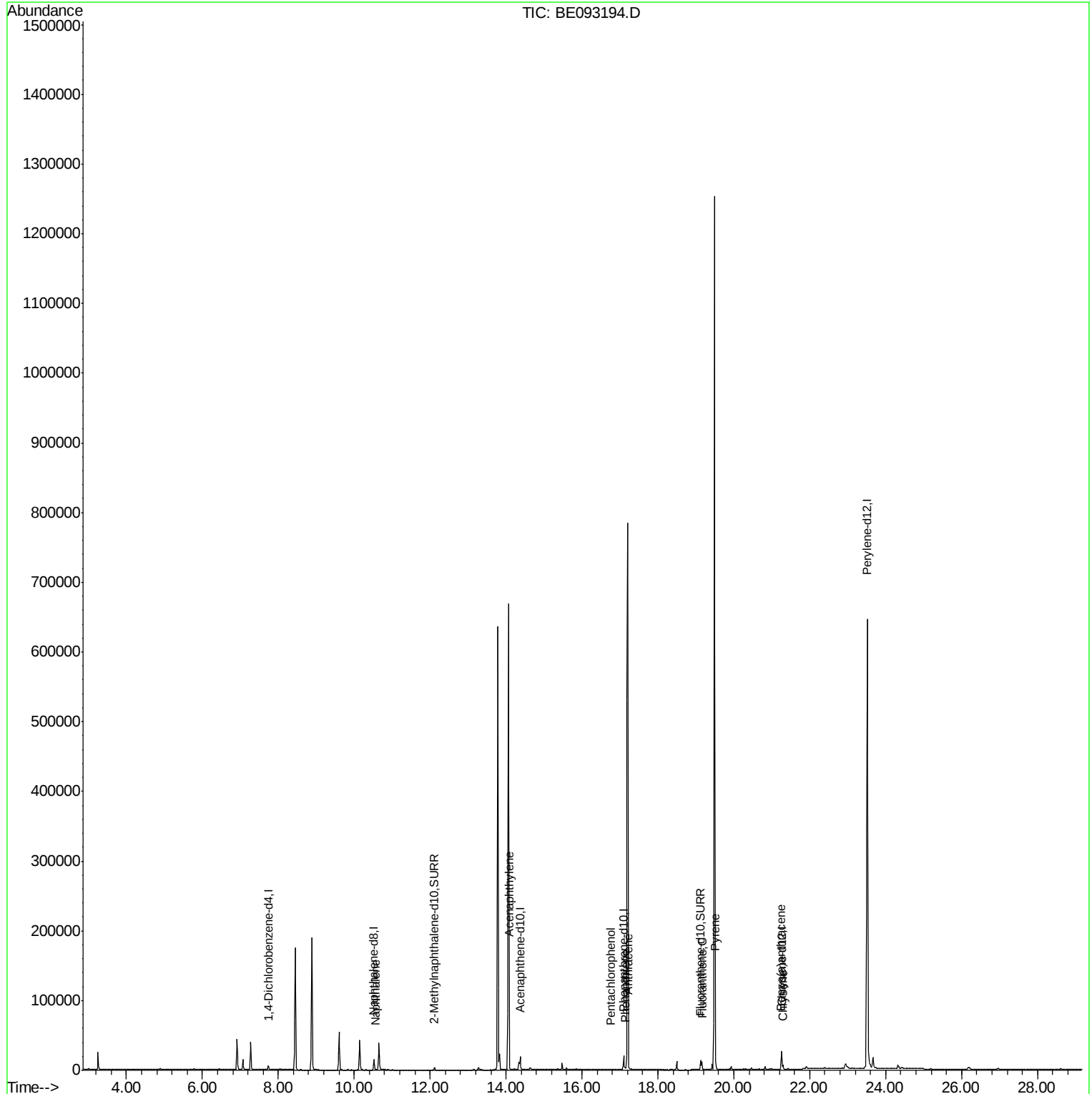
Quant Time: Jun 15 07:07:18 2017

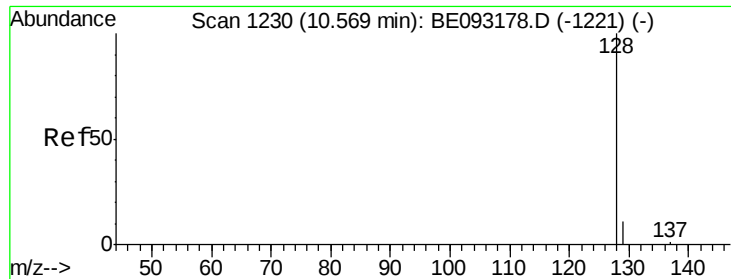
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

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#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093194.D

Acq: 15 Jun 2017 6:12

Instrument :

BNA_E

ClientSampleId :

F5A37

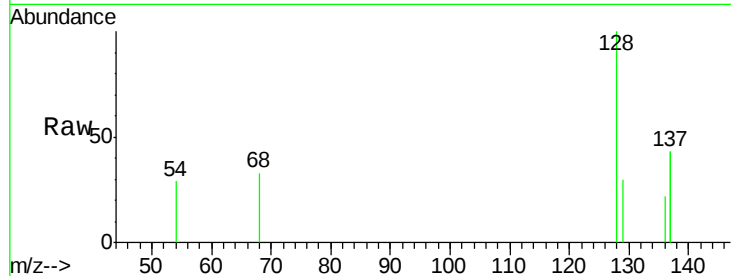
Tgt Ion:128 Resp: 520

Ion Ratio Lower Upper

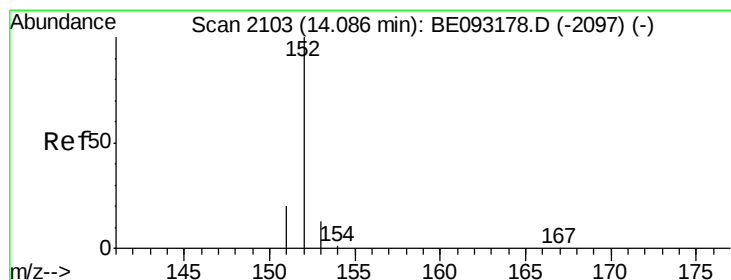
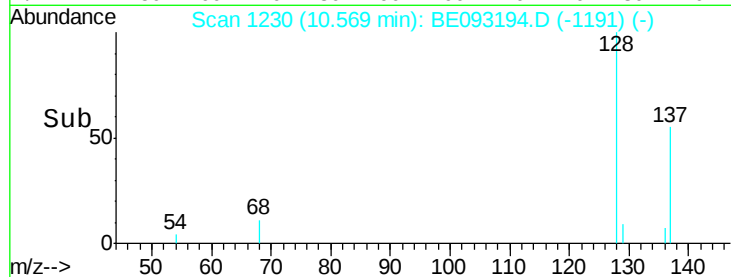
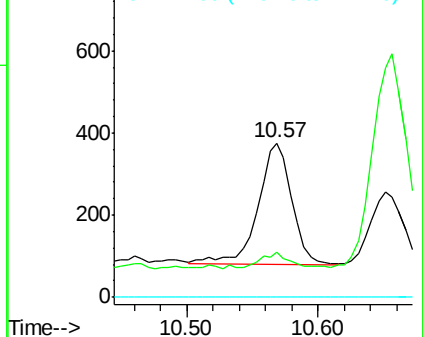
128 100

129 29.6 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



#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093194.D

Acq: 15 Jun 2017 6:12

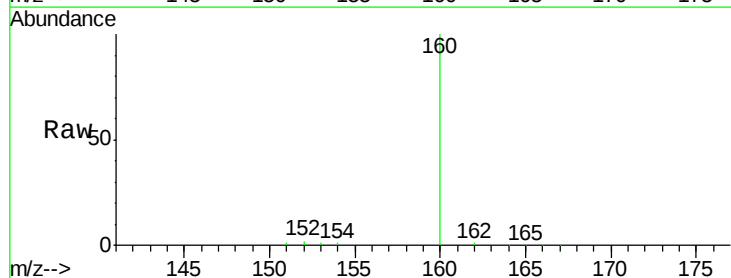
Tgt Ion:152 Resp: 1003

Ion Ratio Lower Upper

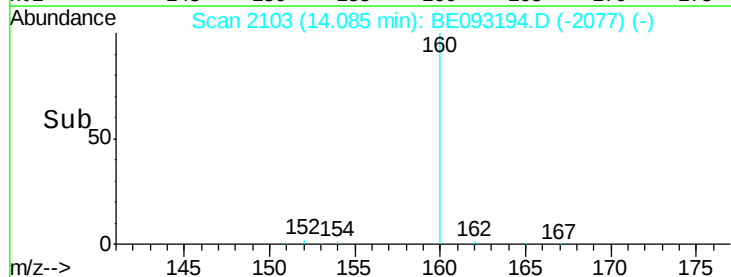
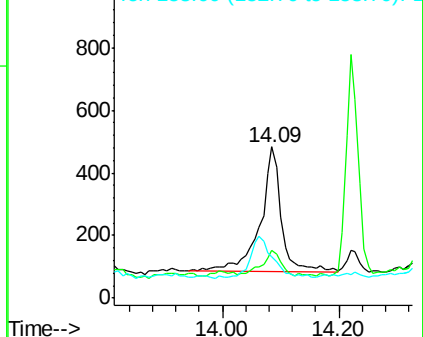
152 100

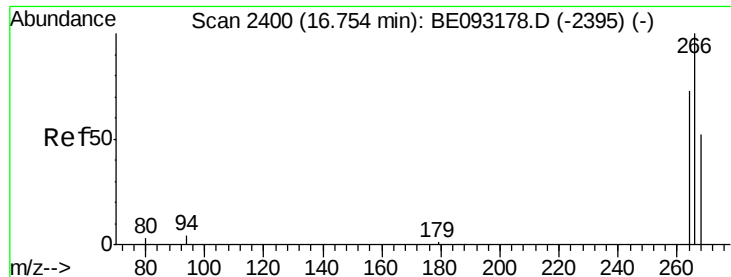
151 31.7 17.1 25.7#

153 27.3 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

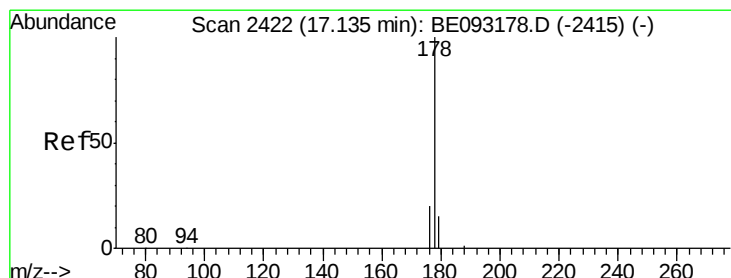
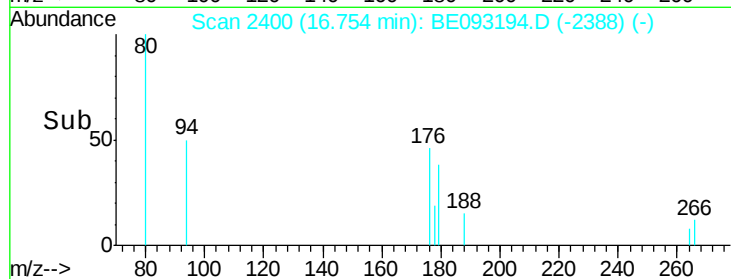
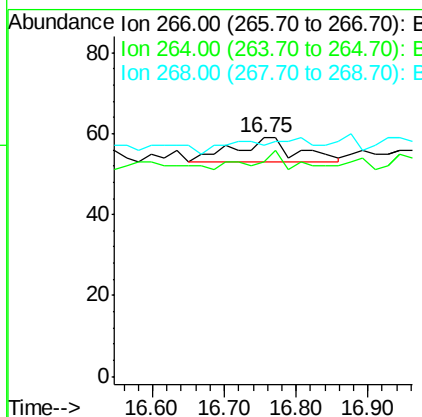
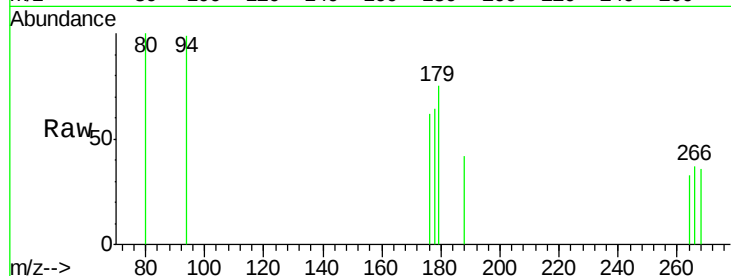




#11
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.75 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BE093194.D
 Acq: 15 Jun 2017 6:12

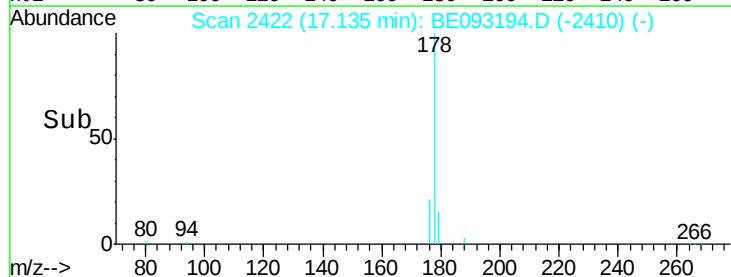
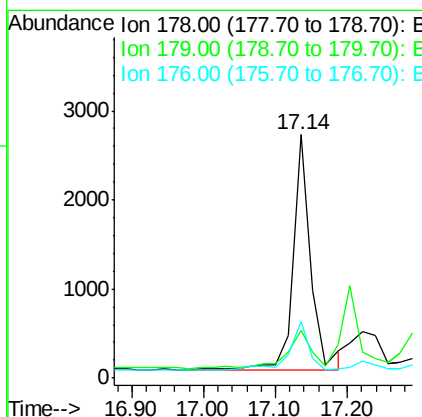
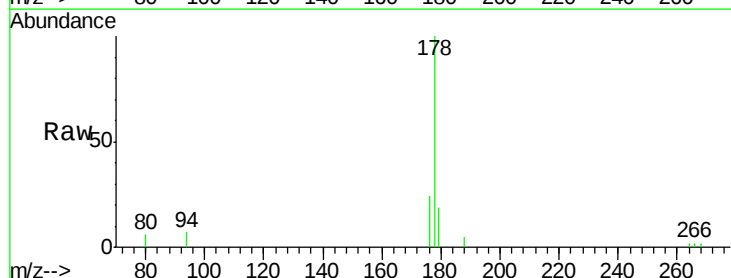
Instrument :
 BNA_E
 ClientSampleId :
 F5A37

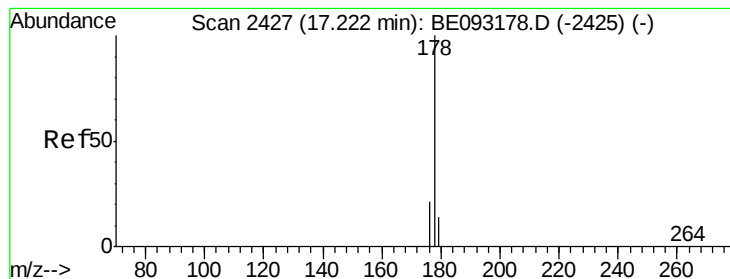
Tgt Ion: 266 Resp: 37
 Ion Ratio Lower Upper
 266 100
 264 45.9 47.9 71.9#
 268 0.0 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.07 ng/ul
 RT: 17.14 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BE093194.D
 Acq: 15 Jun 2017 6:12

Tgt Ion: 178 Resp: 4480
 Ion Ratio Lower Upper
 178 100
 179 19.4 18.4 27.6
 176 23.6 13.6 20.4#





#13

Anthracene

Concen: 0.02 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093194.D

Acq: 15 Jun 2017 6:12

Instrument :

BNA_E

ClientSampleId :

F5A37

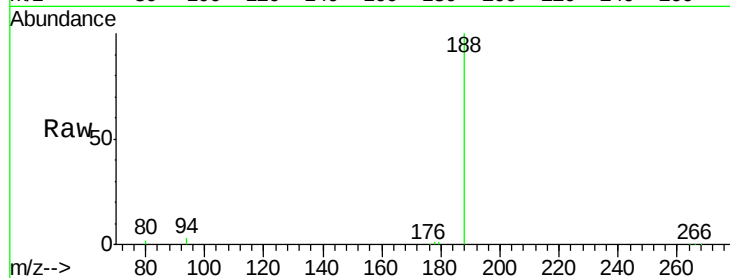
Tgt Ion:178 Resp: 1338

Ion Ratio Lower Upper

178 100

179 54.5 18.1 27.1#

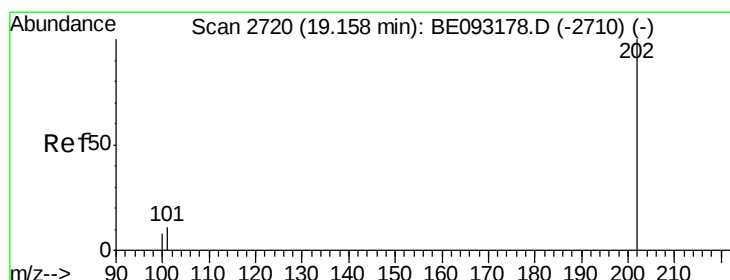
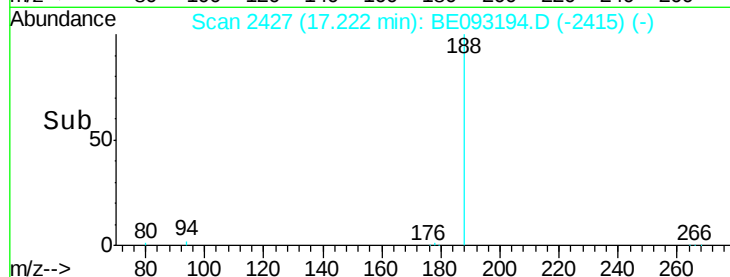
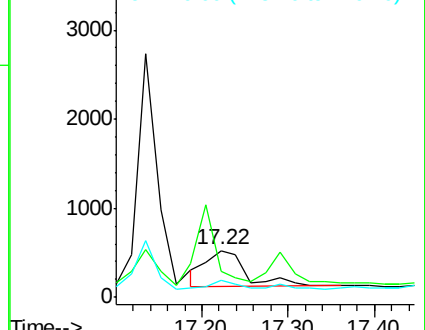
176 35.9 14.7 22.1#



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: 0.14 ng/ul

RT: 19.16 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BE093194.D

Acq: 15 Jun 2017 6:12

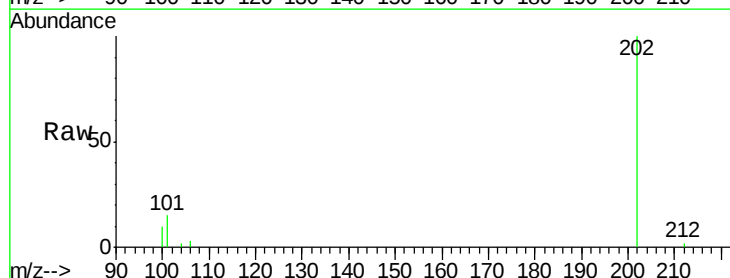
Tgt Ion:202 Resp: 10708

Ion Ratio Lower Upper

202 100

101 14.8 0.0 30.3

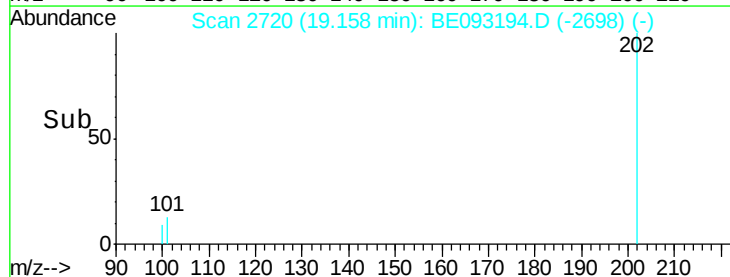
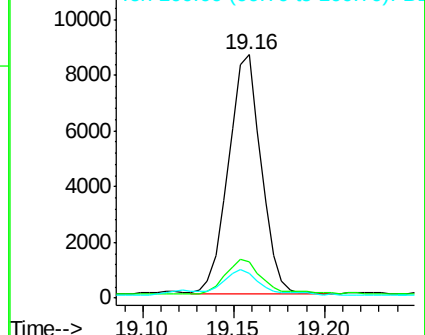
100 10.3 0.0 39.5

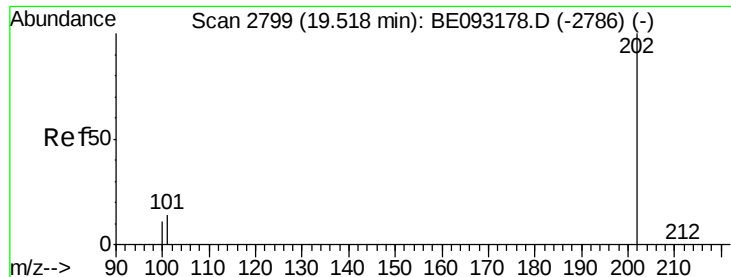


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pyrene

Concen: 0.18 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BE093194.D

Acq: 15 Jun 2017 6:12

Instrument :

BNA_E

ClientSampleId :

F5A37

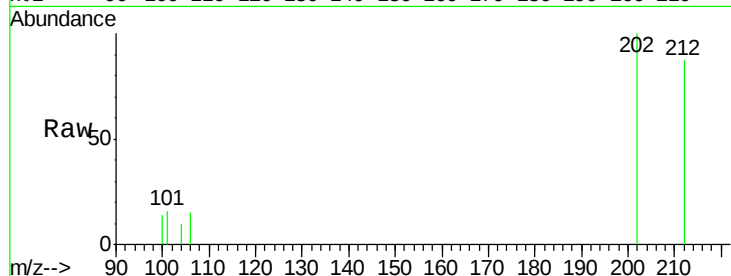
Tgt Ion:202 Resp: 12135

Ion Ratio Lower Upper

202 100

101 15.8 18.2 27.4#

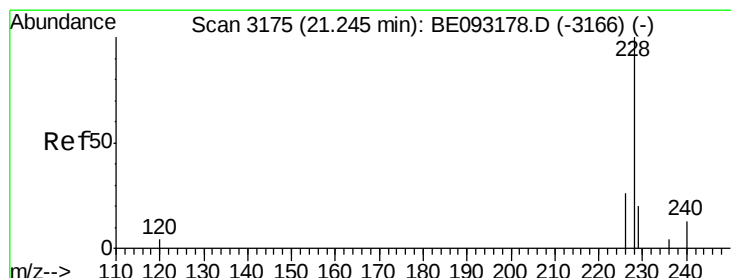
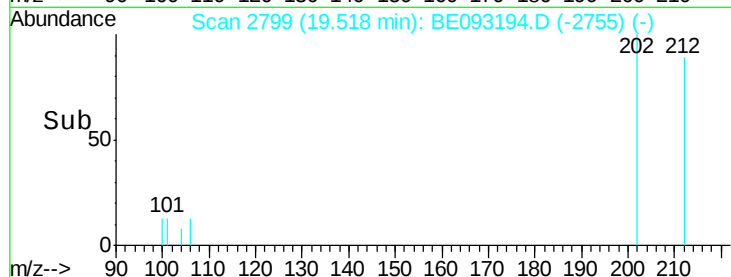
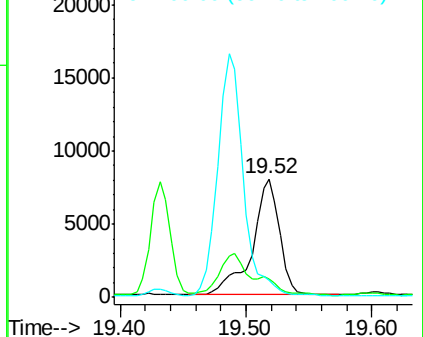
100 14.0 15.6 23.4#



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: 0.08 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093194.D

Acq: 15 Jun 2017 6:12

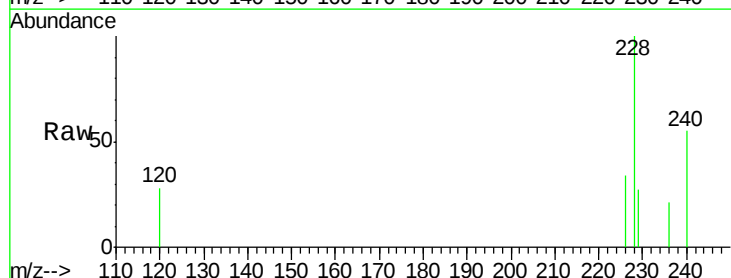
Tgt Ion:228 Resp: 4562

Ion Ratio Lower Upper

228 100

229 27.0 22.8 34.2

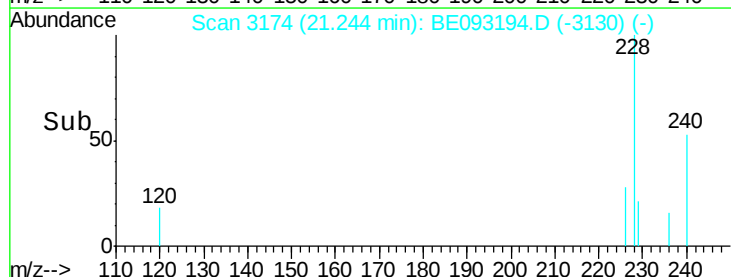
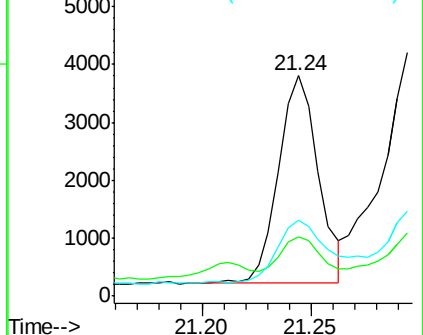
226 34.4 17.0 25.6#

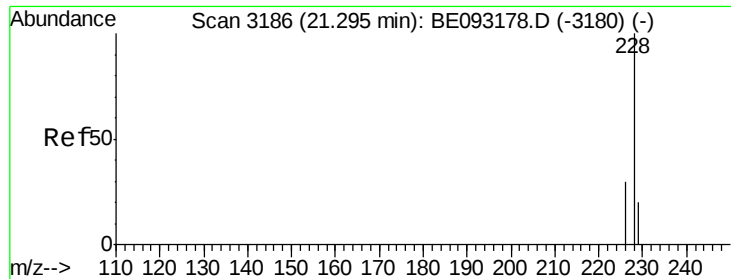


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.10 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093194.D

Acq: 15 Jun 2017 6:12

Instrument :

BNA_E

ClientSampleId :

F5A37

Tgt Ion: 228 Resp: 6342

Ion Ratio Lower Upper

228 100

226 35.0 23.4 35.0

229 25.9 17.7 26.5

