

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093249.D
 Acq On : 19 Jun 2017 14:14
 Operator : SJ/MA
 Sample : I3599-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C93

Quant Time: Jun 20 04:19:35 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 04:17:17 2017
 Response via : Initial Calibration

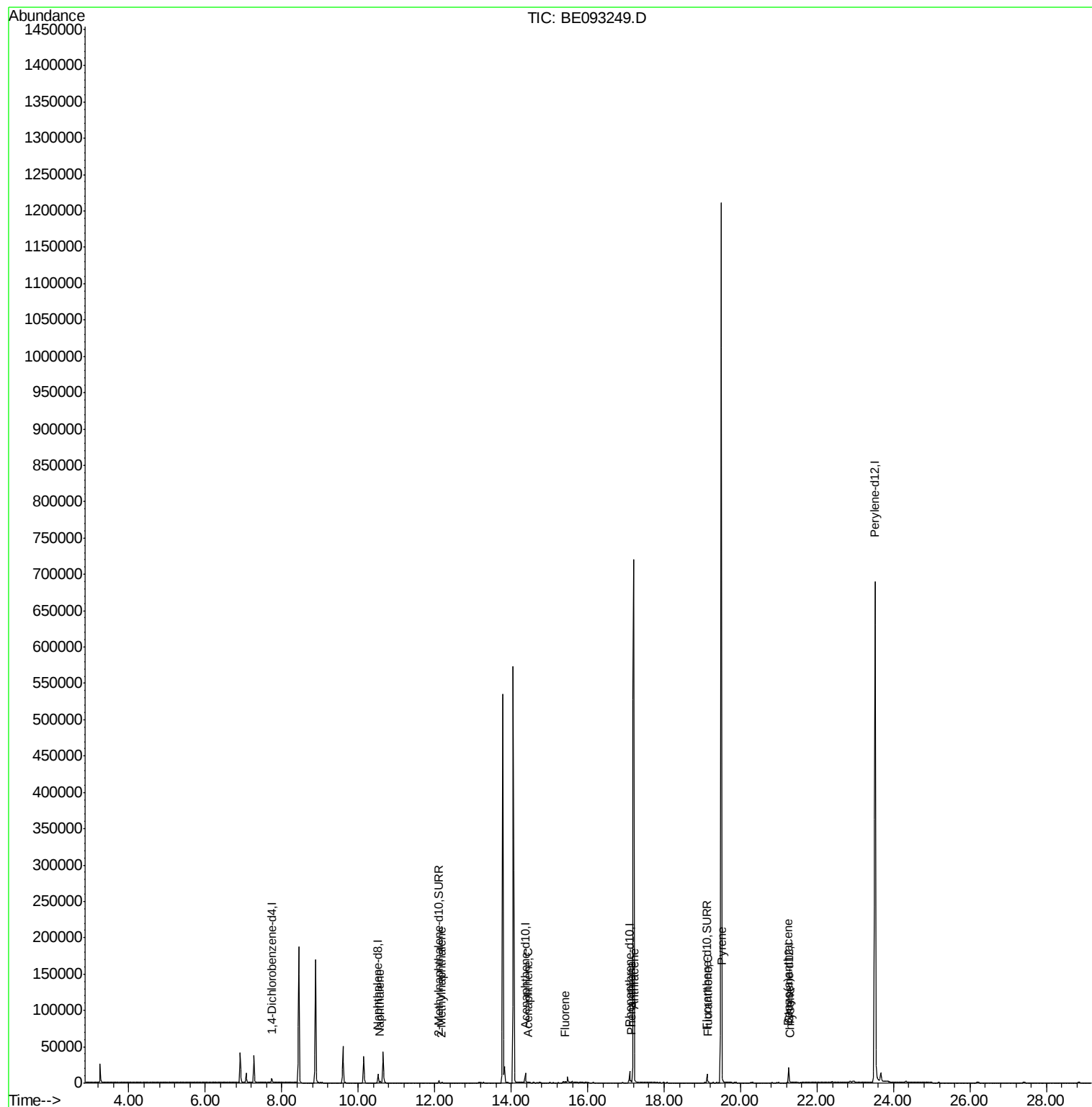
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2439	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12096	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7587	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18422	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	18360	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	972098	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4522	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	12969	0.26	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	3613	0.120	ng/ul#	96
5) 2-Methylnaphthalene	12.18	142	638	0.031	ng/ul	98
8) Acenaphthene	14.42	153	709	0.027	ng/ul	96
9) Fluorene	15.42	166	1052	0.034	ng/ul	94
12) Phenanthrene	17.13	178	4341	0.086	ng/ul#	89
13) Anthracene	17.22	178	1185	0.027	ng/ul#	67
15) Fluoranthene	19.16	202	2930	0.047	ng/ul	84
17) Pyrene	19.52	202	2006	0.037	ng/ul#	94
18) Benzo(a)anthracene	21.24	228	834	0.017	ng/ul#	74
19) Chrysene	21.29	228	817	0.016	ng/ul#	70

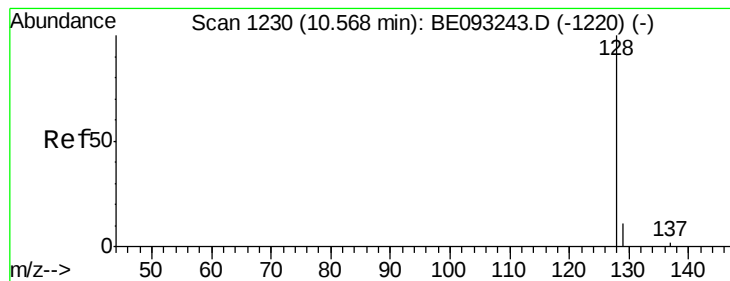
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.120 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

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ClientSampleId :

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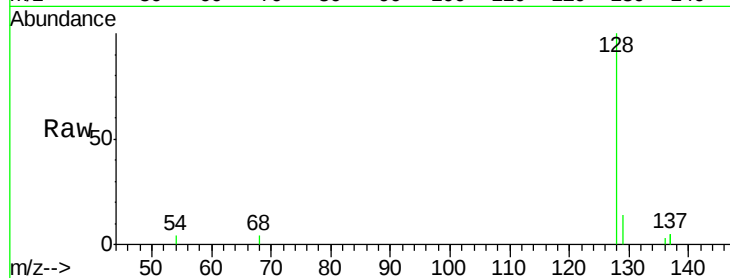
Tgt Ion:128 Resp: 3613

Ion Ratio Lower Upper

128 100

129 13.9 11.3 16.9

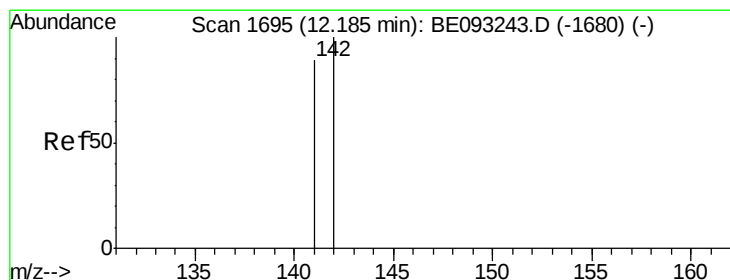
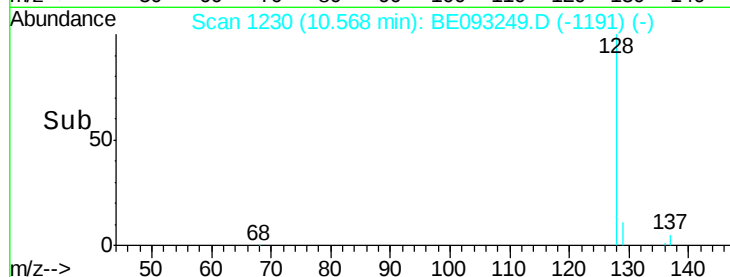
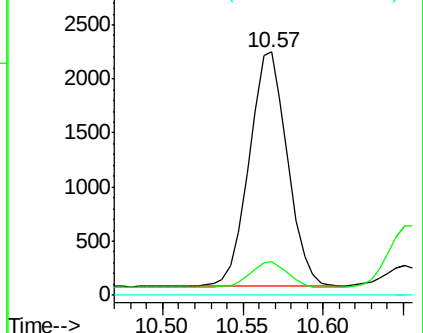
127 0.0 4.0 6.0#



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: 0.031 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BE093249.D

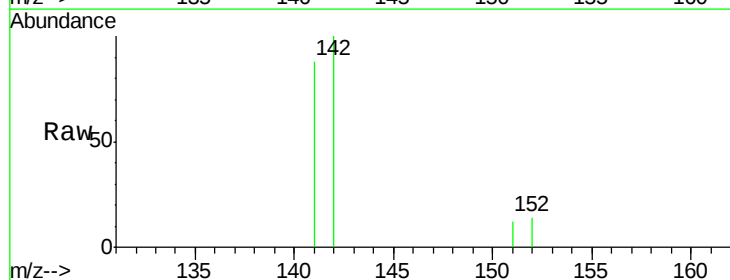
Acq: 19 Jun 2017 14:14

Tgt Ion:142 Resp: 638

Ion Ratio Lower Upper

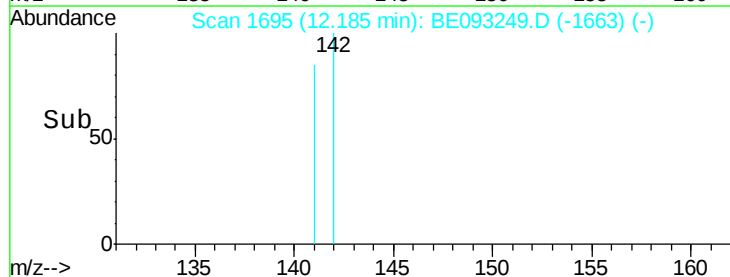
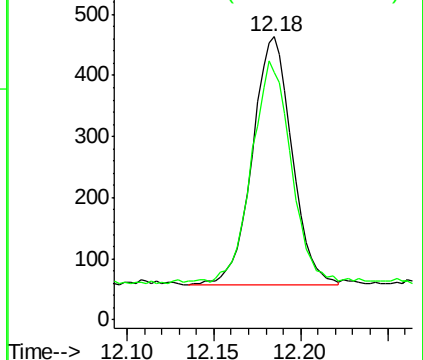
142 100

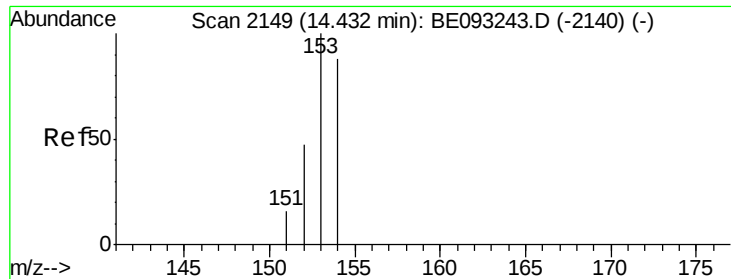
141 88.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BE093249.D

Acq: 19 Jun 2017 14:14

Instrument :

BNA_E

ClientSampleId :

F5C93

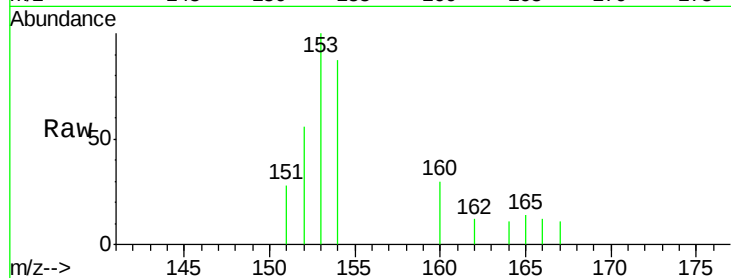
Tgt Ion:153 Resp: 709

Ion Ratio Lower Upper

153 100

152 55.6 40.3 60.5

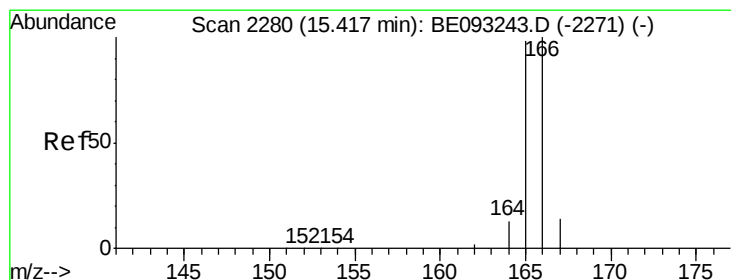
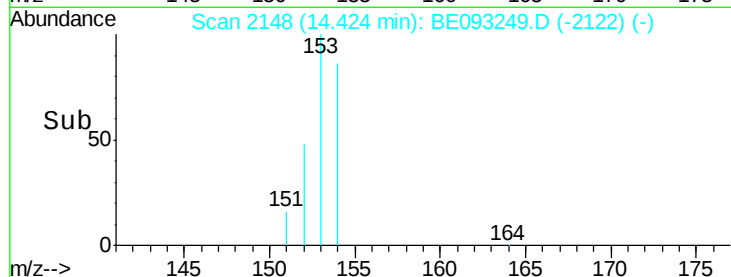
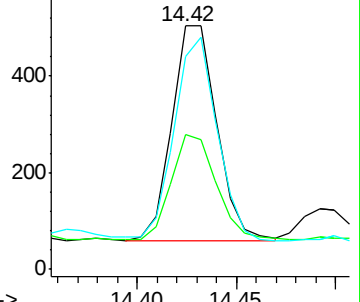
154 87.3 71.4 107.2



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: 0.034 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093249.D

Acq: 19 Jun 2017 14:14

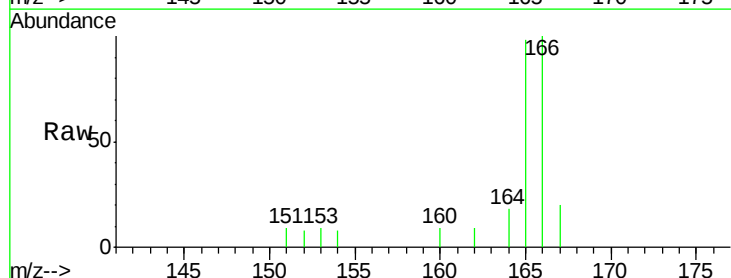
Tgt Ion:166 Resp: 1052

Ion Ratio Lower Upper

166 100

165 98.2 73.4 110.2

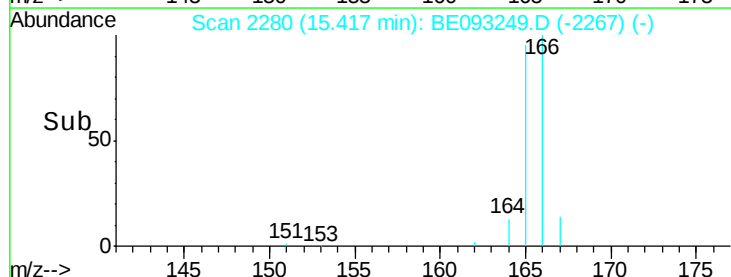
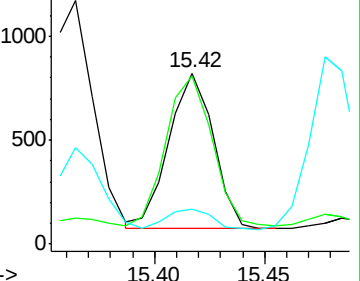
167 20.4 14.6 22.0

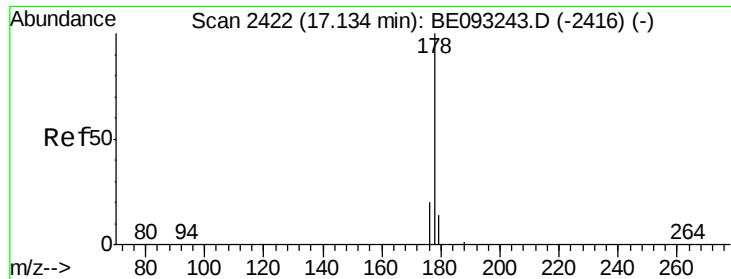


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.086 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093249.D

Acq: 19 Jun 2017 14:14

Instrument :

BNA_E

ClientSampleId :

F5C93

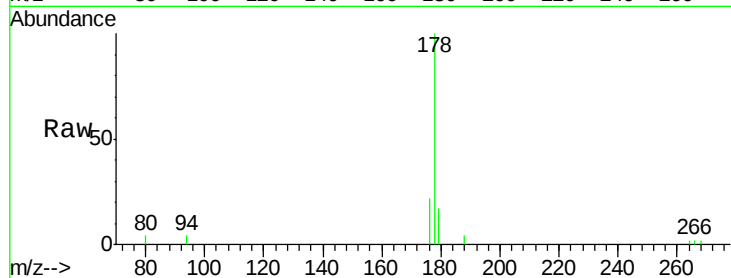
Tgt Ion:178 Resp: 4341

Ion Ratio Lower Upper

178 100

179 17.3 18.4 27.6#

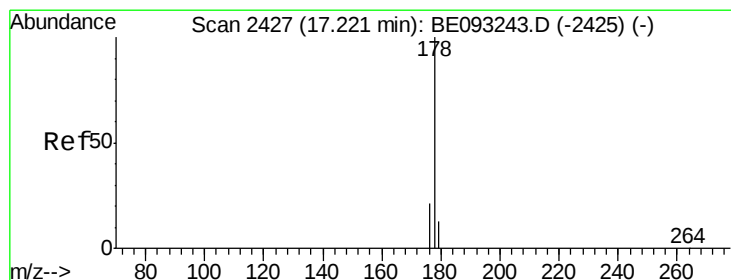
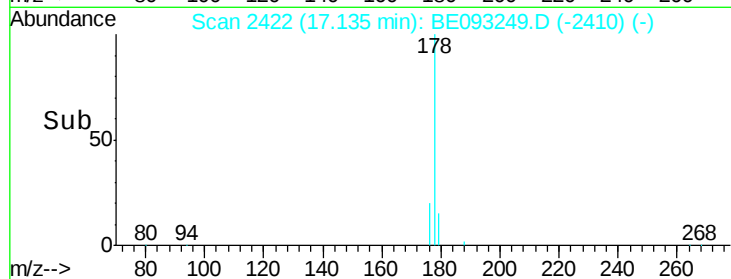
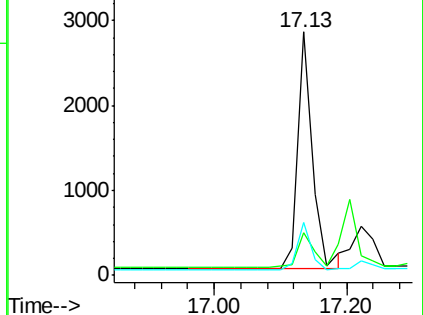
176 21.7 13.6 20.4#



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: 0.027 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093249.D

Acq: 19 Jun 2017 14:14

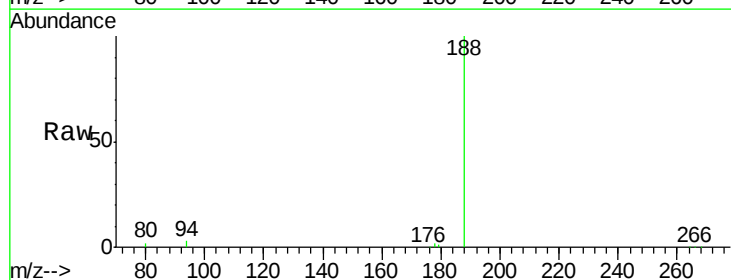
Tgt Ion:178 Resp: 1185

Ion Ratio Lower Upper

178 100

179 40.8 18.1 27.1#

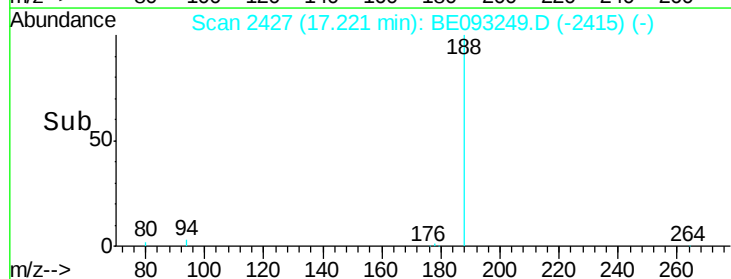
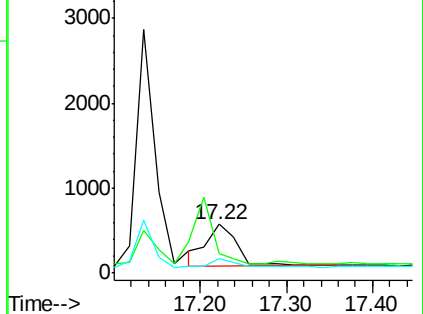
176 30.8 14.7 22.1#

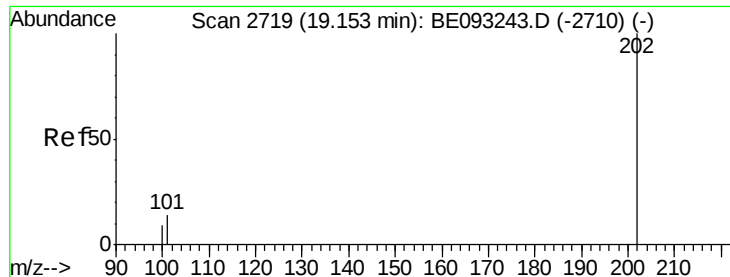


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.047 ng/ul

RT: 19.16 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BE093249.D

Acq: 19 Jun 2017 14:14

Instrument :

BNA_E

ClientSampleId :

F5C93

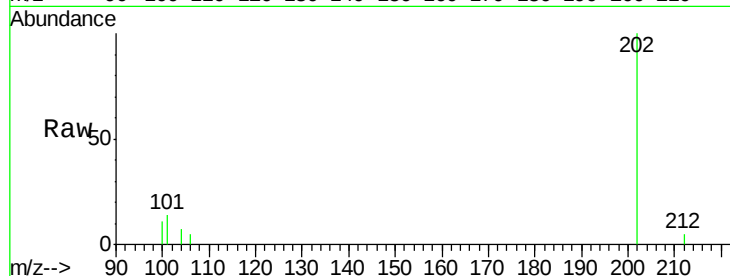
Tgt Ion:202 Resp: 2930

Ion Ratio Lower Upper

202 100

101 14.5 0.0 30.3

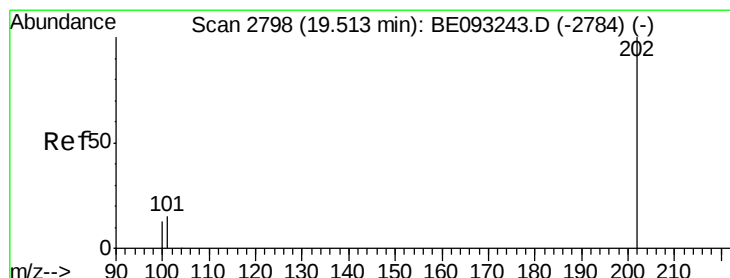
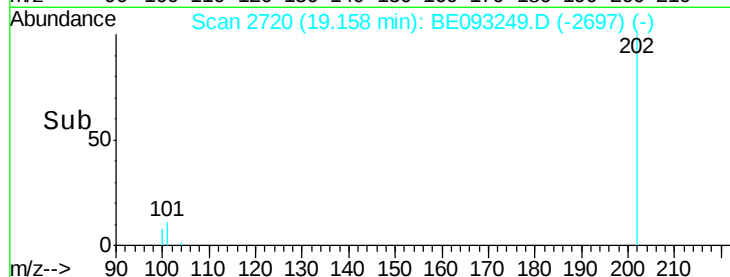
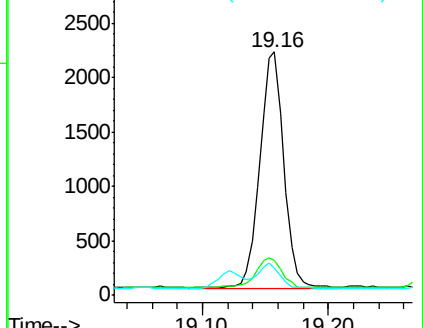
100 11.0 0.0 39.5



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: 0.037 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BE093249.D

Acq: 19 Jun 2017 14:14

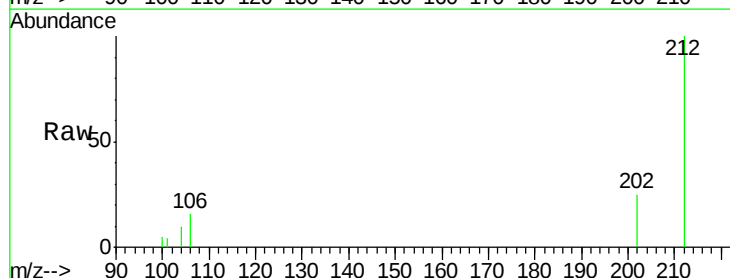
Tgt Ion:202 Resp: 2006

Ion Ratio Lower Upper

202 100

101 17.9 18.2 27.4#

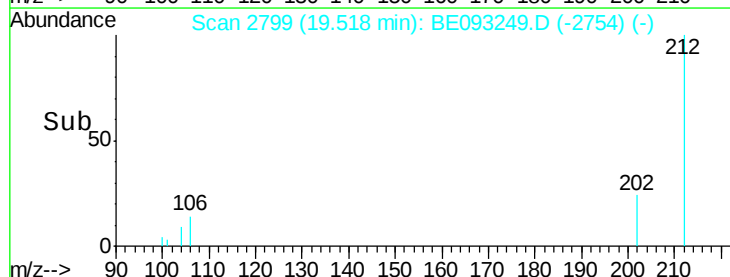
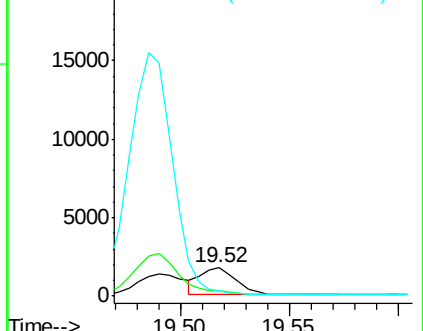
100 19.3 15.6 23.4

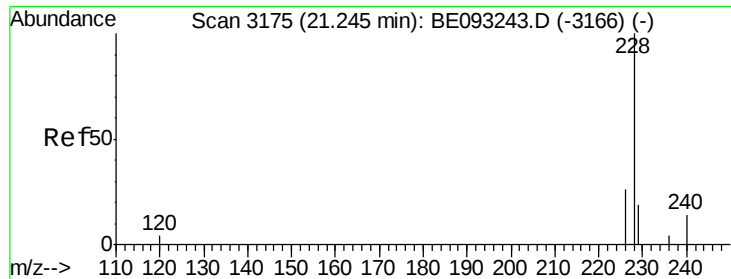


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.017 ng/ul

RT: 21.24 min Scan# 3175

Delta R.T. -0.00 min

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Acq: 19 Jun 2017 14:14

Instrument :

BNA_E

ClientSampleId :

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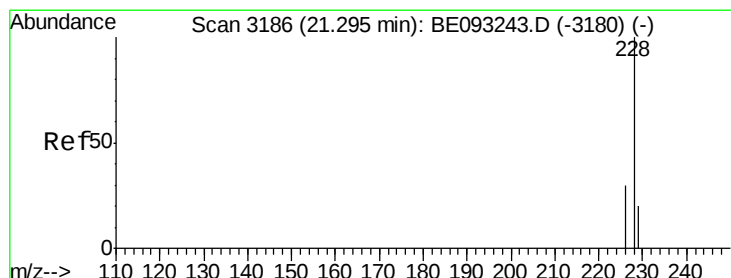
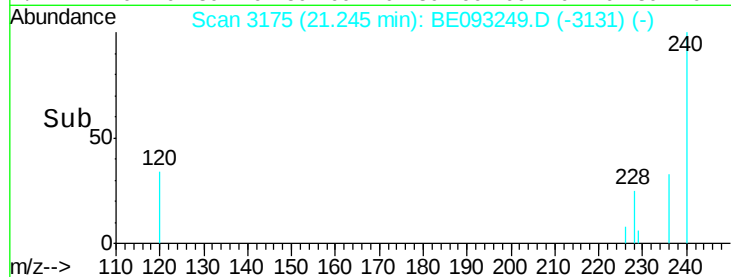
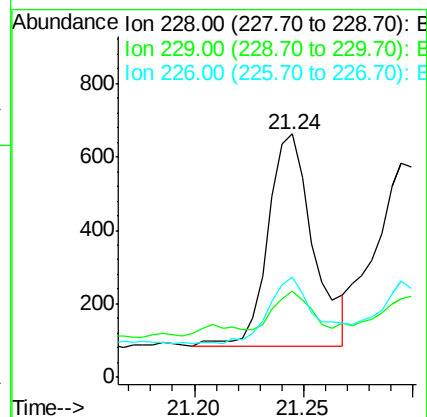
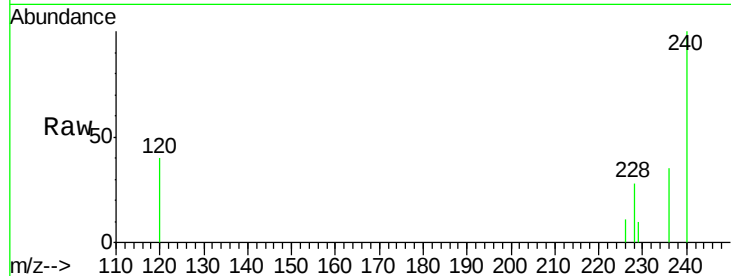
Tgt Ion:228 Resp: 834

Ion Ratio Lower Upper

228 100

229 35.6 22.8 34.2#

226 41.3 17.0 25.6#



#19

Chrysene

Concen: 0.016 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093249.D

Acq: 19 Jun 2017 14:14

Tgt Ion:228 Resp: 817

Ion Ratio Lower Upper

228 100

226 45.3 23.4 35.0#

229 36.4 17.7 26.5#

