

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093258.D
 Acq On : 19 Jun 2017 19:45
 Operator : SJ/MA
 Sample : I3600-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5E11

Quant Time: Jun 20 04:20:48 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

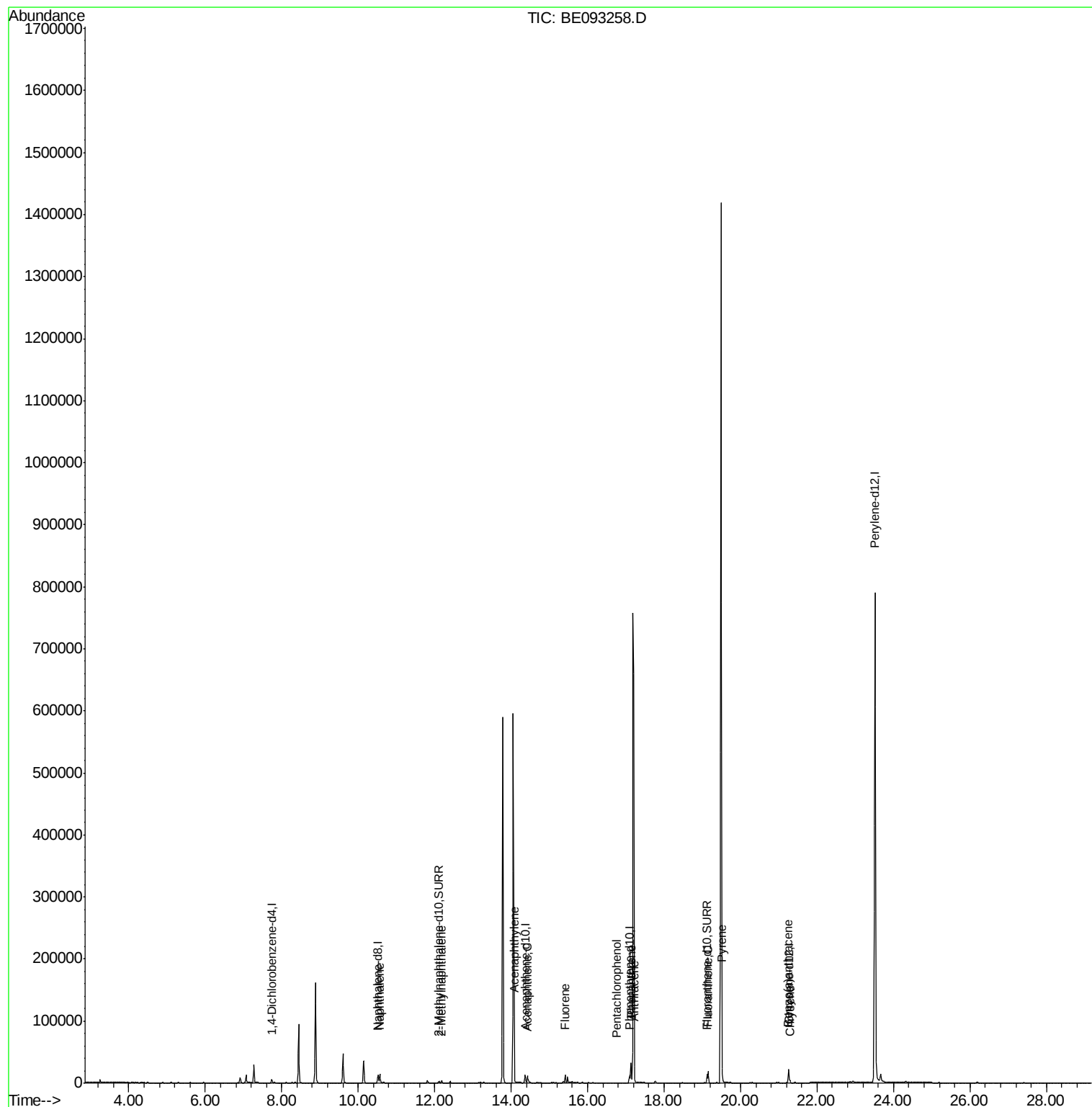
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2534	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12544	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7762	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	17905	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	18676	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1164146	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4389	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	14862	0.31	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	20394	0.655	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	3495	0.164	ng/ul	98
7) Acenaphthylene	14.09	152	685	0.021	ng/ul#	69
8) Acenaphthene	14.43	153	9915	0.369	ng/ul	94
9) Fluorene	15.42	166	7911	0.251	ng/ul	94
11) Pentachlorophenol	16.76	266	31	0.012	ng/ul#	88
12) Phenanthrene	17.14	178	33500	0.680	ng/ul#	89
13) Anthracene	17.22	178	6920	0.161	ng/ul#	90
15) Fluoranthene	19.15	202	19114	0.316	ng/ul	84
17) Pyrene	19.52	202	16225	0.295	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	3150	0.063	ng/ul#	88
19) Chrysene	21.29	228	3055	0.059	ng/ul	94

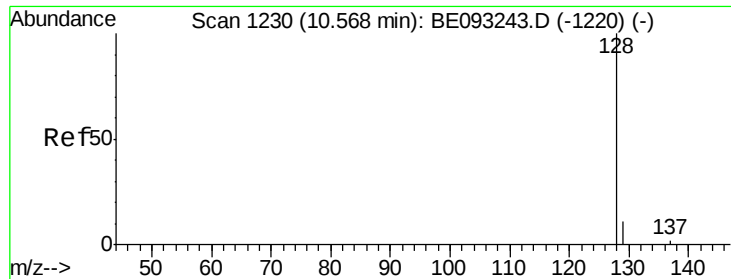
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.655 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093258.D

Acq: 19 Jun 2017 19:45

Instrument :

BNA_E

ClientSampleId :

F5E11

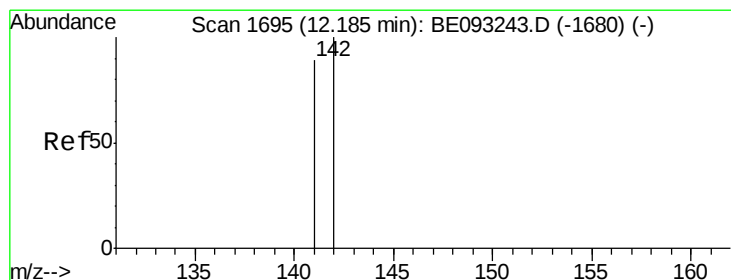
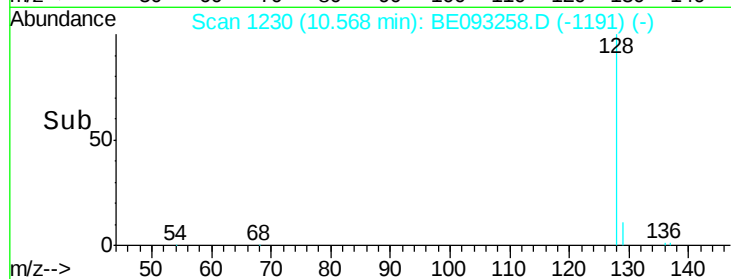
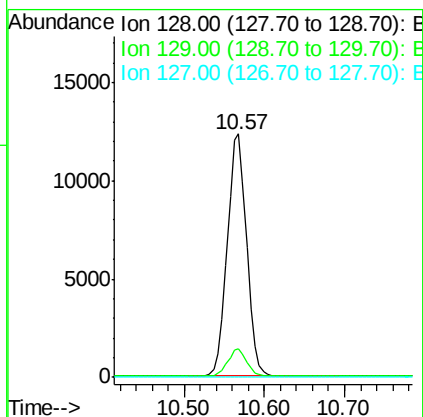
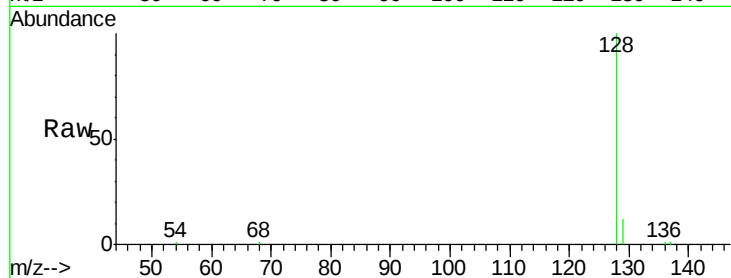
Tgt Ion:128 Resp: 20394

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.164 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BE093258.D

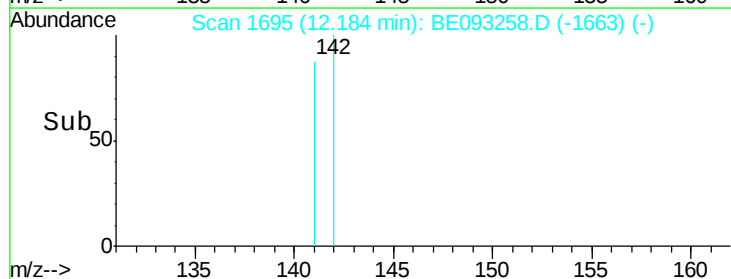
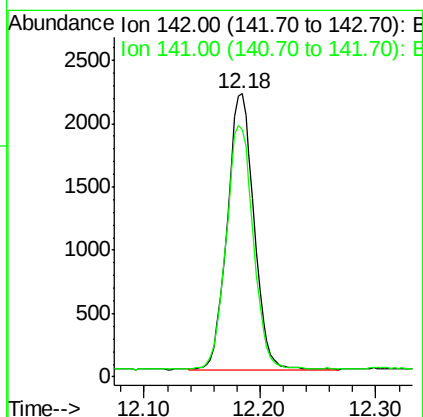
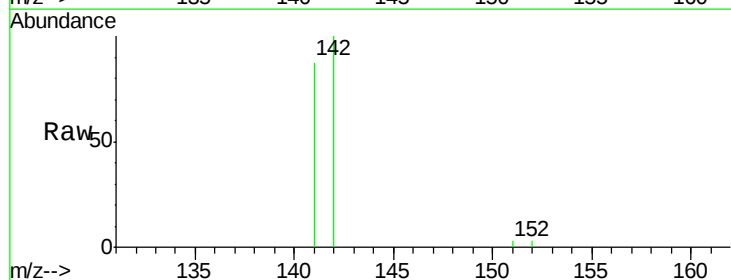
Acq: 19 Jun 2017 19:45

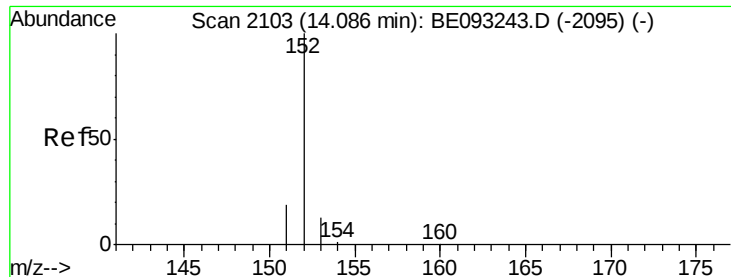
Tgt Ion:142 Resp: 3495

Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8





#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093258.D

Acq: 19 Jun 2017 19:45

Instrument :

BNA_E

ClientSampled :

F5E11

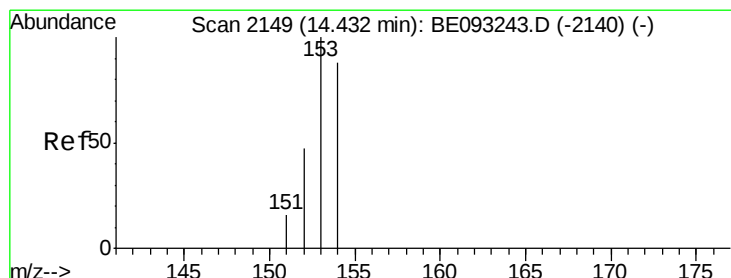
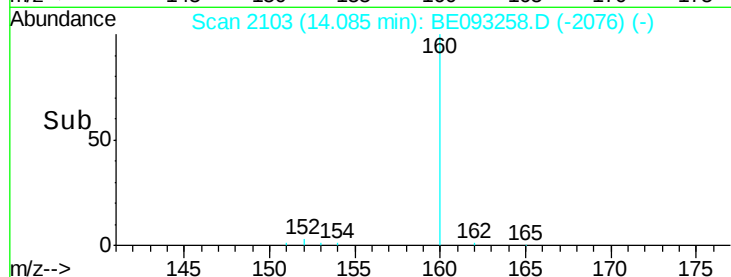
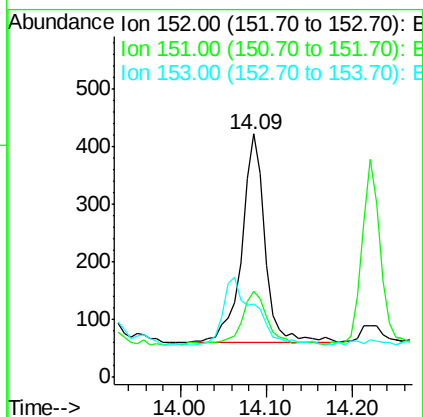
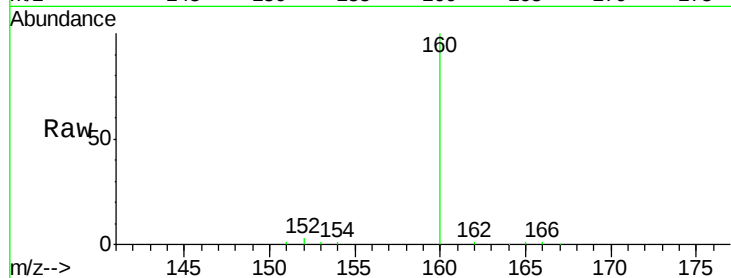
Tgt Ion:152 Resp: 685

Ion Ratio Lower Upper

152 100

151 35.3 17.1 25.7#

153 30.3 12.8 19.2#



#8

Acenaphthene

Concen: 0.369 ng/ul

RT: 14.43 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BE093258.D

Acq: 19 Jun 2017 19:45

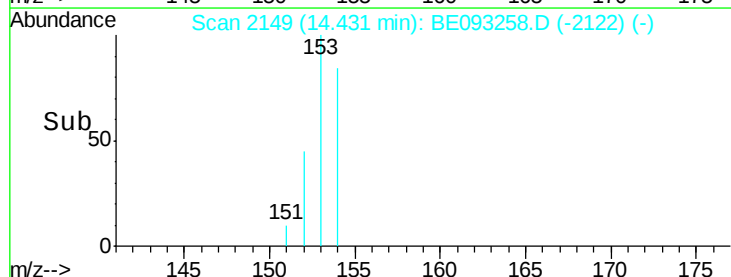
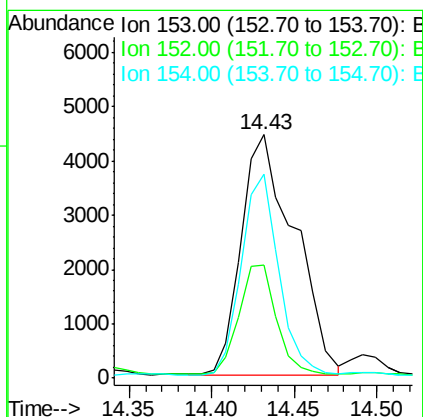
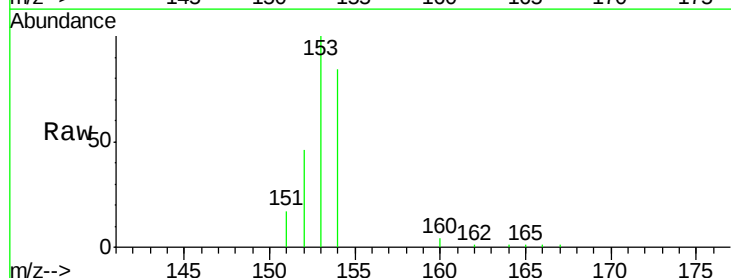
Tgt Ion:153 Resp: 9915

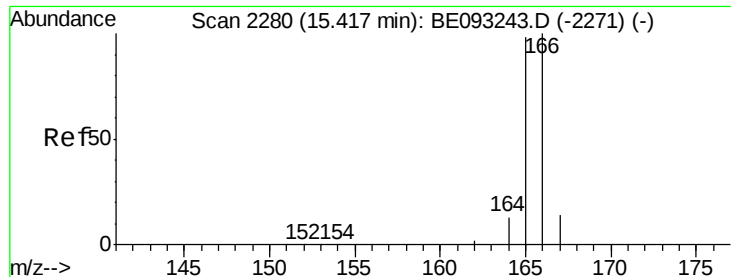
Ion Ratio Lower Upper

153 100

152 46.3 40.3 60.5

154 83.7 71.4 107.2





#9

Fluorene

Concen: 0.251 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093258.D

Acq: 19 Jun 2017 19:45

Instrument :

BNA_E

ClientSampleId :

F5E11

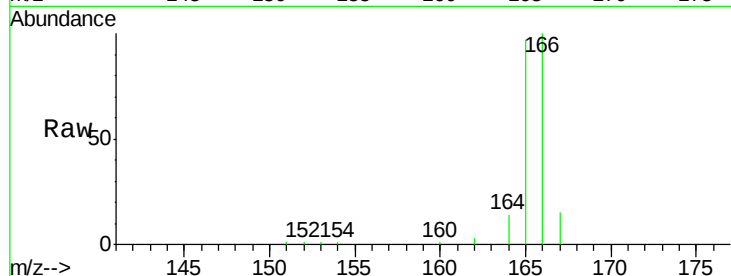
Tgt Ion:166 Resp: 7911

Ion Ratio Lower Upper

166 100

165 97.0 73.4 110.2

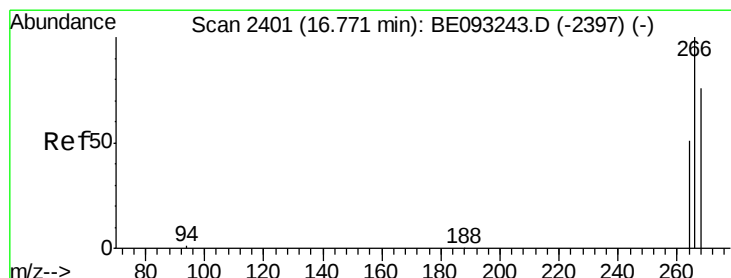
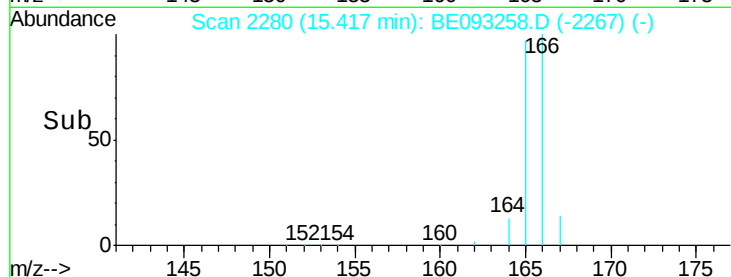
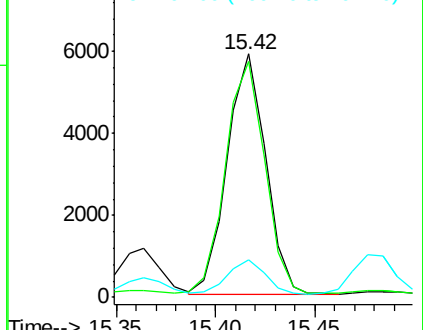
167 15.2 14.6 22.0



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



#11

Pentachlorophenol

Concen: 0.012 ng/ul

RT: 16.76 min Scan# 2400

Delta R.T. -0.02 min

Lab File: BE093258.D

Acq: 19 Jun 2017 19:45

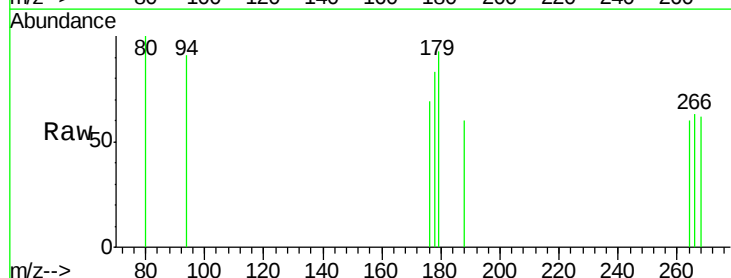
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

266 100

264 64.5 47.9 71.9

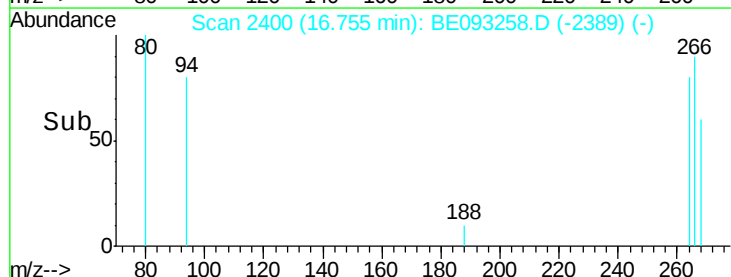
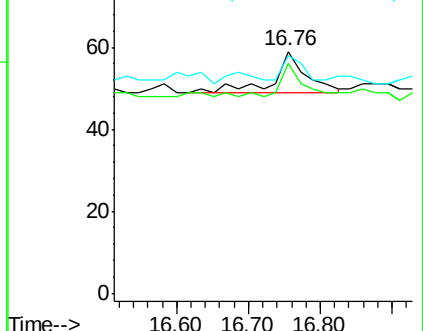
268 48.4 49.8 74.8#

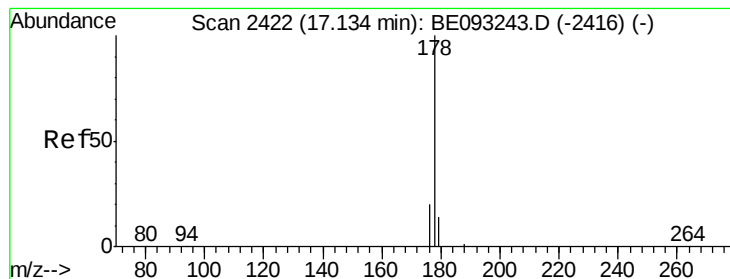


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.680 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093258.D

Acq: 19 Jun 2017 19:45

Instrument :

BNA_E

ClientSampleId :

F5E11

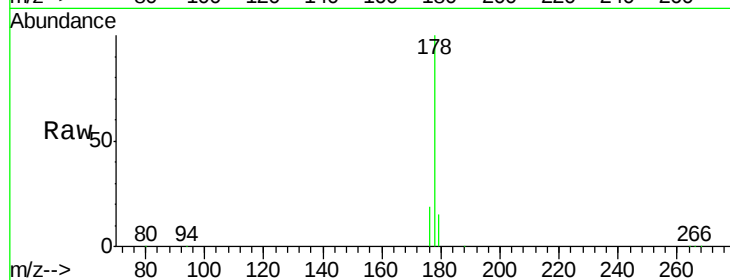
Tgt Ion:178 Resp: 33500

Ion Ratio Lower Upper

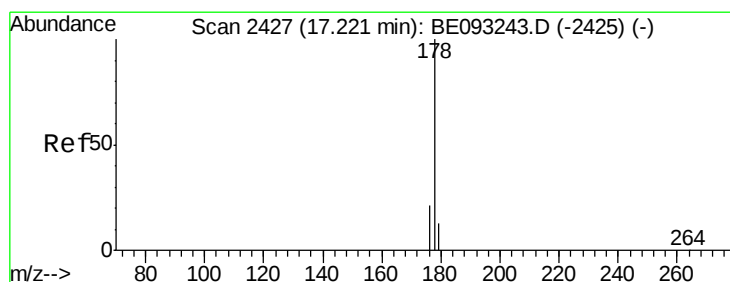
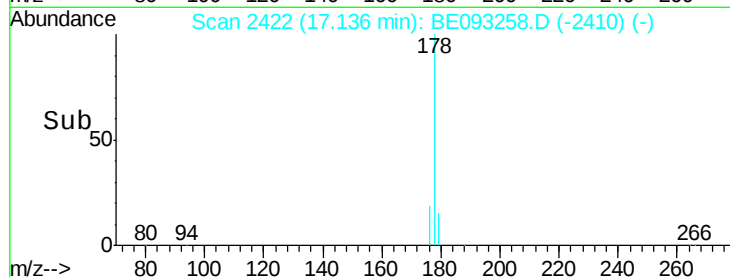
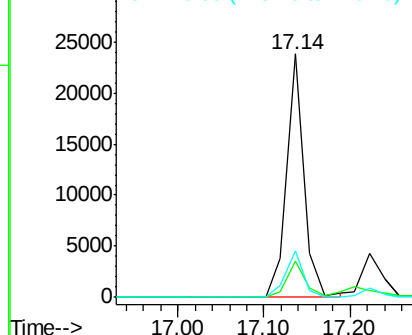
178 100

179 15.1 18.4 27.6#

176 19.2 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: 0.161 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093258.D

Acq: 19 Jun 2017 19:45

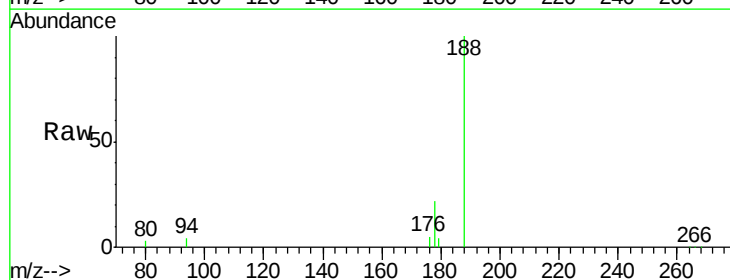
Tgt Ion:178 Resp: 6920

Ion Ratio Lower Upper

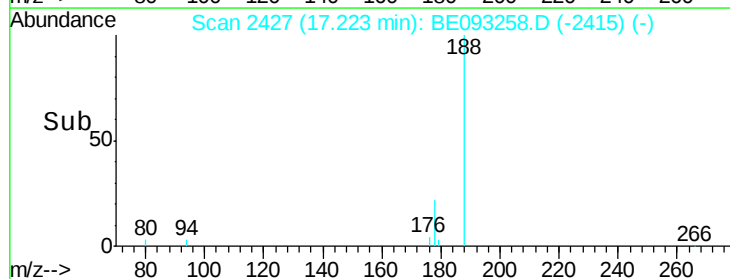
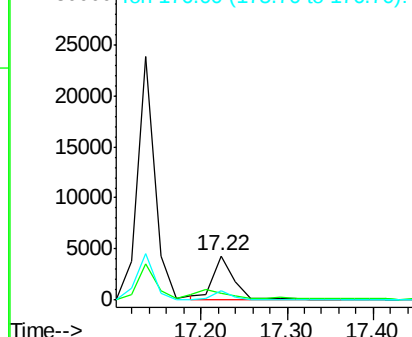
178 100

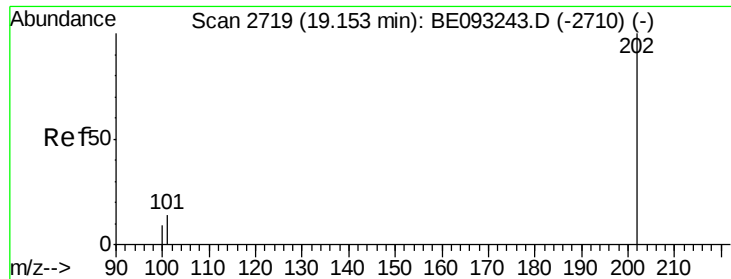
179 16.3 18.1 27.1#

176 21.1 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

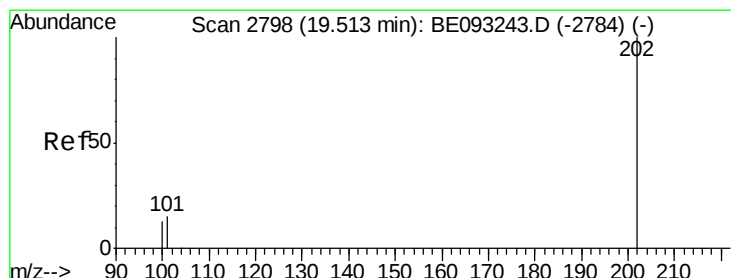
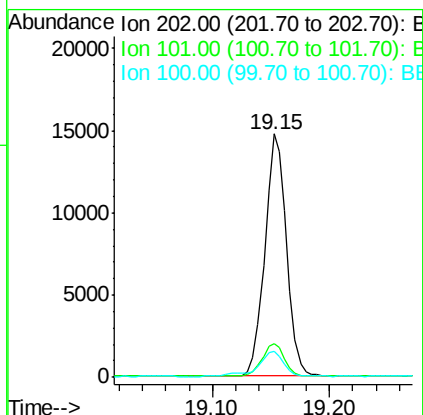
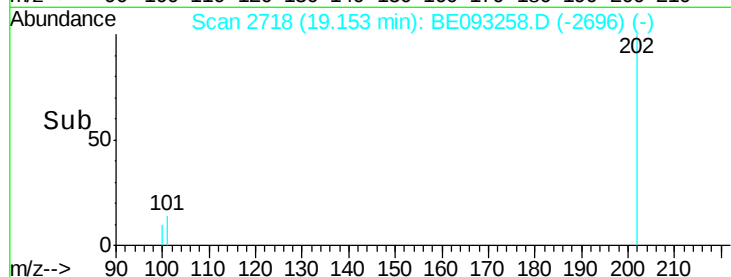
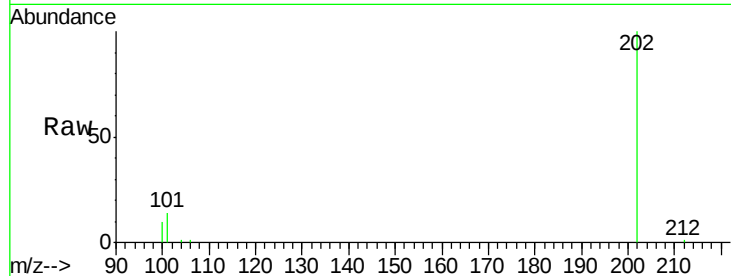




#15
Fluoranthene
Concen: 0.316 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE093258.D
Acq: 19 Jun 2017 19:45

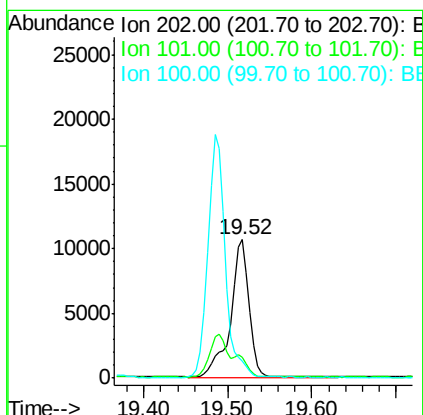
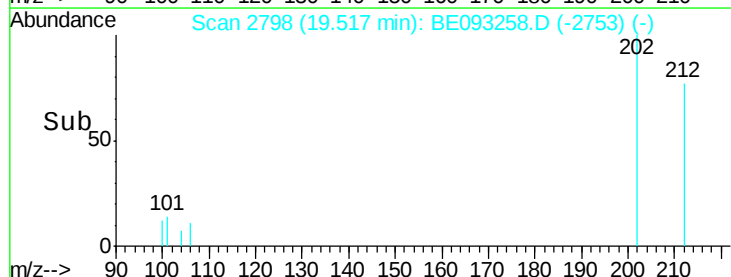
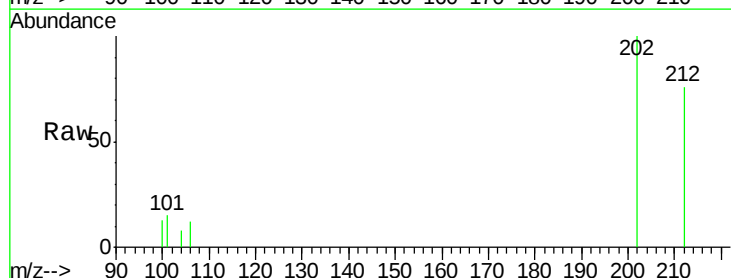
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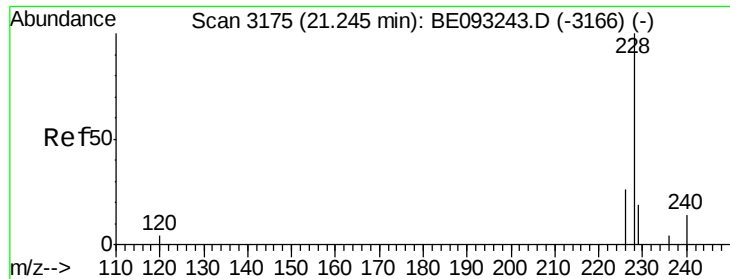
Tgt Ion:202 Resp: 19114
Ion Ratio Lower Upper
202 100
101 14.0 0.0 30.3
100 10.5 0.0 39.5



#17
Pyrene
Concen: 0.295 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093258.D
Acq: 19 Jun 2017 19:45

Tgt Ion:202 Resp: 16225
Ion Ratio Lower Upper
202 100
101 15.1 18.2 27.4#
100 12.8 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.063 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093258.D

Acq: 19 Jun 2017 19:45

Instrument :

BNA_E

ClientSampleId :

F5E11

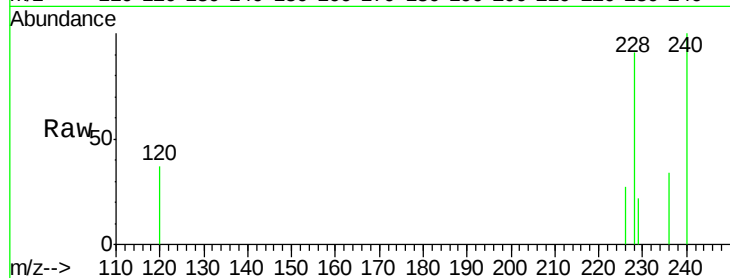
Tgt Ion:228 Resp: 3150

Ion Ratio Lower Upper

228 100

229 24.4 22.8 34.2

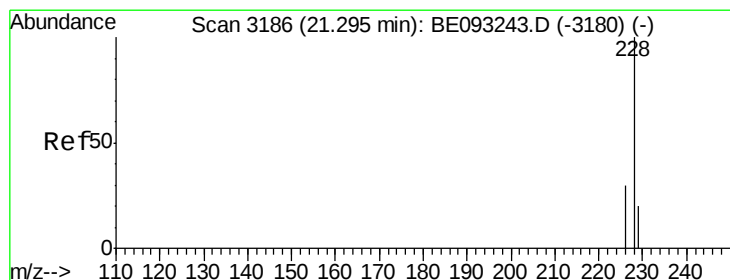
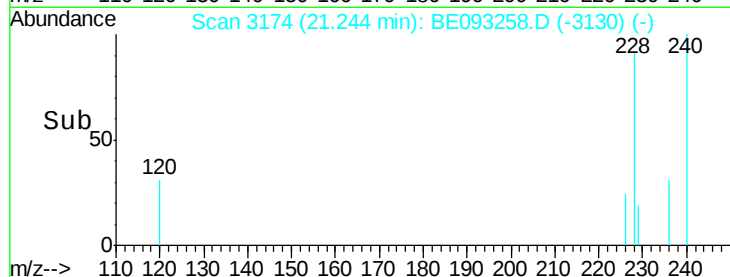
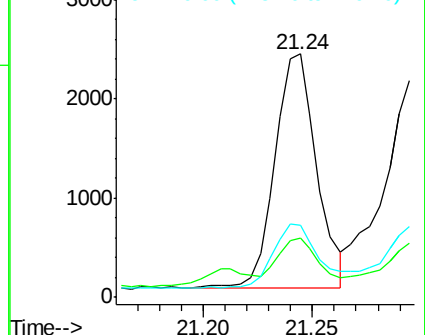
226 29.7 17.0 25.6#



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: 0.059 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093258.D

Acq: 19 Jun 2017 19:45

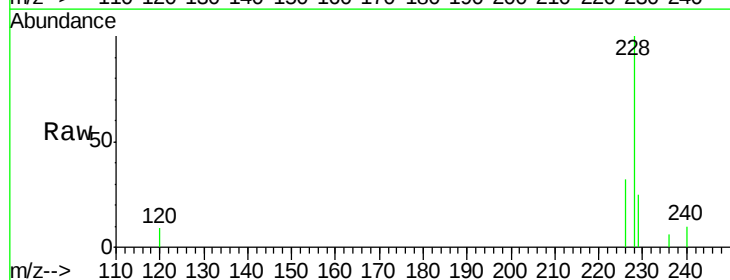
Tgt Ion:228 Resp: 3055

Ion Ratio Lower Upper

228 100

226 32.4 23.4 35.0

229 24.9 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

