

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012618\
 Data File : BE095153.D
 Acq On : 27 Jan 2018 6:16
 Operator : SJ/JU
 Sample : J1174-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A51

Quant Time: Jan 27 22:36:00 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 03:18:43 2018
 Response via : Initial Calibration

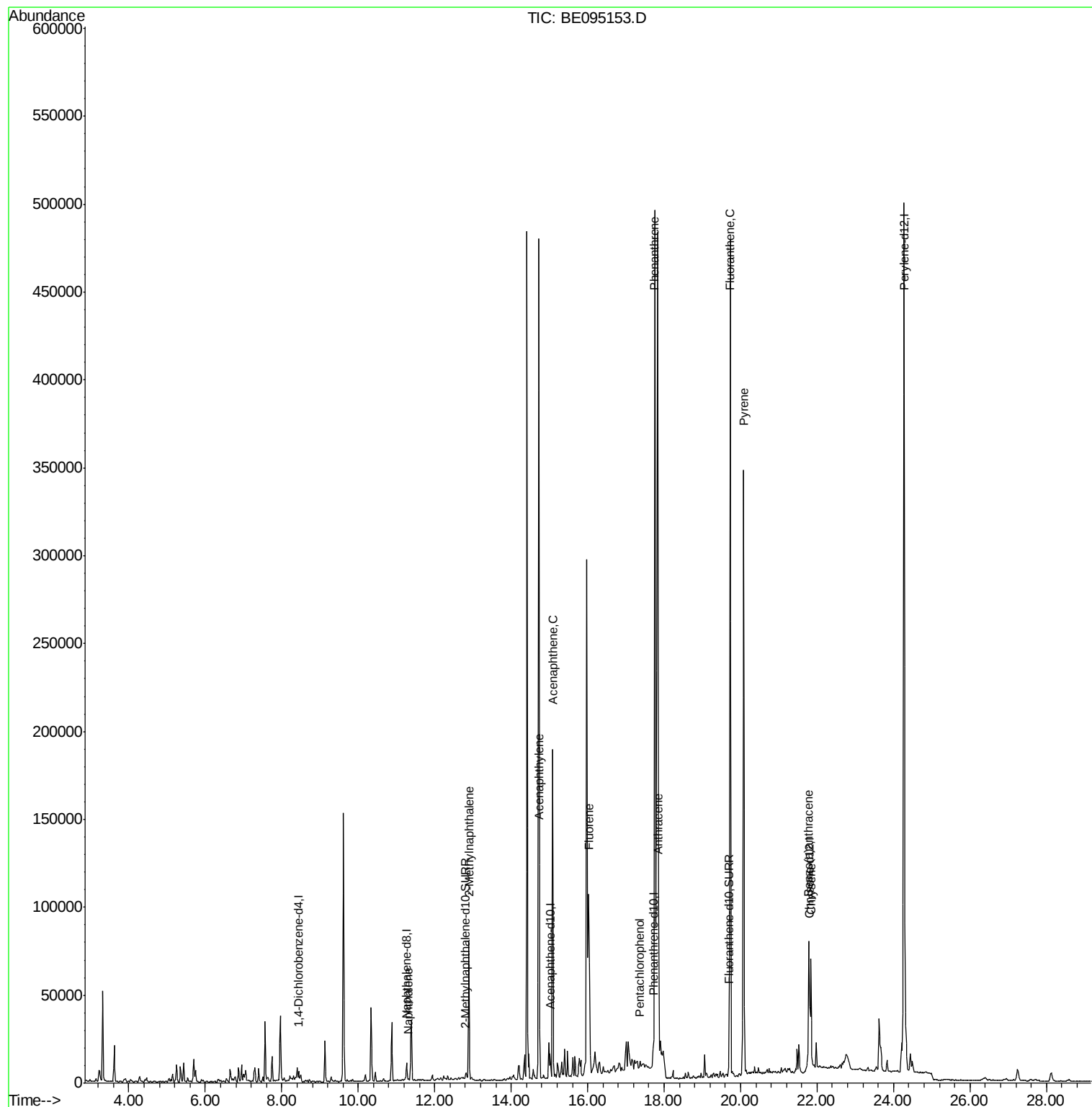
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3856	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	12249	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	8474	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	15252	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	16646	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	605221	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	4190	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11134	0.19	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	11.32	128	1249	0.036	ng/ul#	32
5) 2-Methylnaphthalene	12.89	142	63239	2.761	ng/ul	99
7) Acenaphthylene	14.75	152	4904	0.120	ng/ul#	26
8) Acenaphthene	15.08	153	110339	3.488	ng/ul	97
9) Fluorene	16.03	166	103743	3.180	ng/ul#	71
11) Pentachlorophenol	17.36	266	1177	0.398	ng/ul	94
12) Phenanthrene	17.75	178	584733	11.399	ng/ul#	85
13) Anthracene	17.85	178	97107	2.068	ng/ul#	91
15) Fluoranthene	19.73	202	525612	7.914	ng/ul	83
17) Pyrene	20.08	202	398267	7.130	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	78933	1.517	ng/ul#	87
19) Chrysene	21.84	228	74602	1.380	ng/ul	96

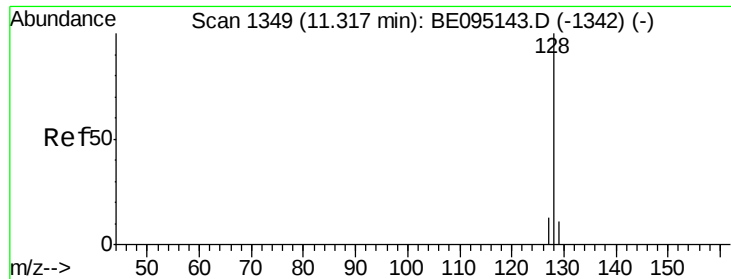
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.036 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

Instrument :

BNA_E

ClientSampleId :

F6A51

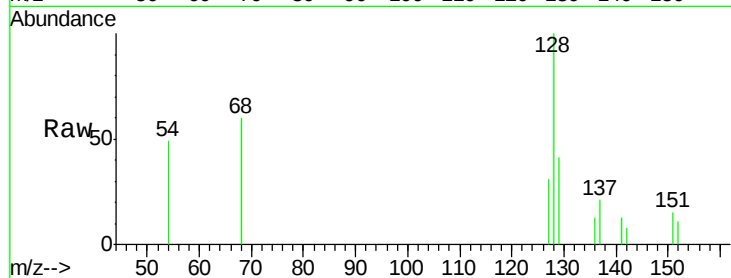
Tgt Ion:128 Resp: 1249

Ion Ratio Lower Upper

128 100

129 40.6 11.3 16.9#

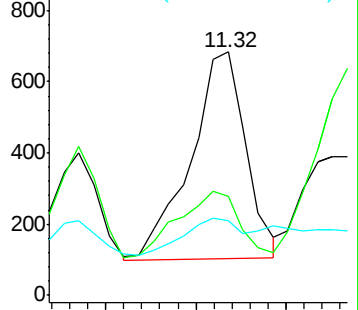
127 30.6 4.0 6.0#



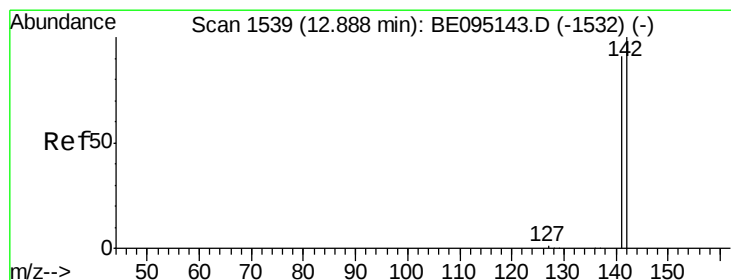
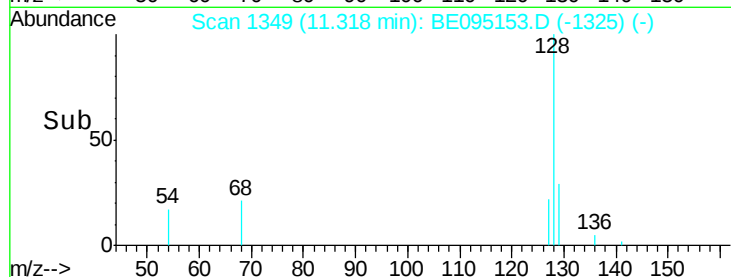
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 2.761 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095153.D

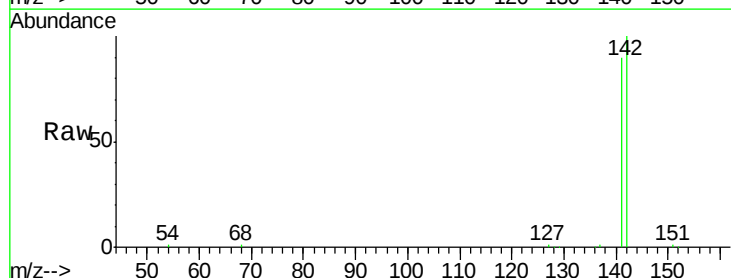
Acq: 27 Jan 2018 6:16

Tgt Ion:142 Resp: 63239

Ion Ratio Lower Upper

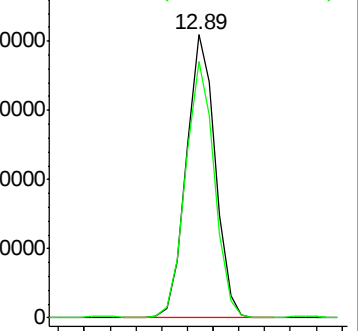
142 100

141 89.9 72.6 108.8

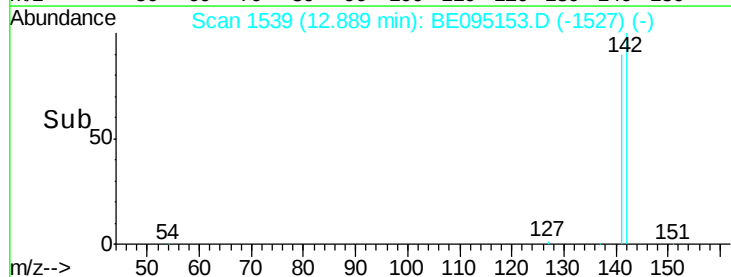


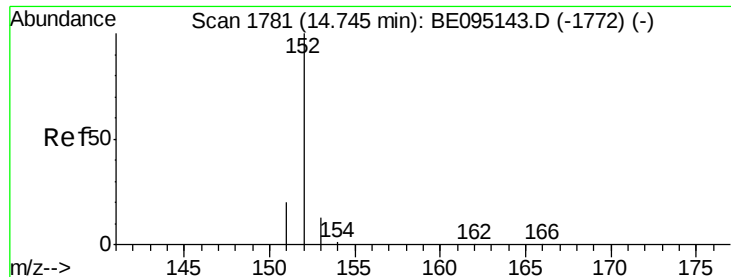
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

Instrument :

BNA_E

ClientSampleId :

F6A51

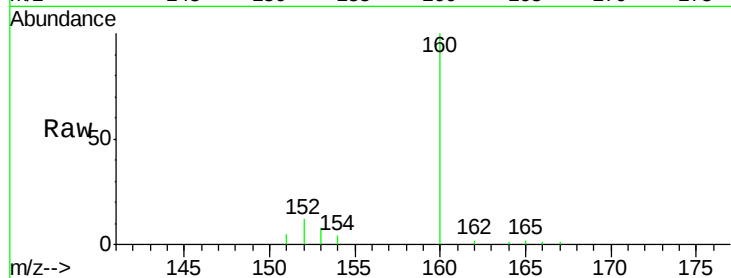
Tgt Ion:152 Resp: 4904

Ion Ratio Lower Upper

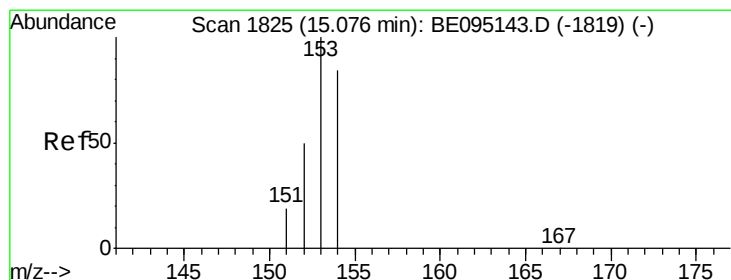
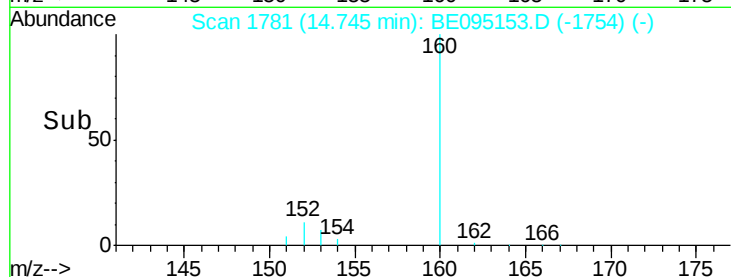
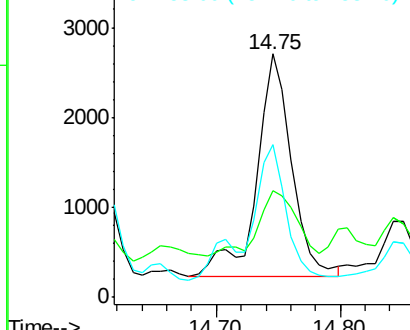
152 100

151 43.9 17.1 25.7#

153 62.8 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



#8

Acenaphthene

Concen: 3.488 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

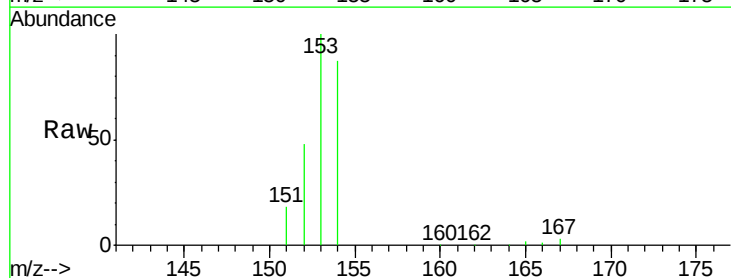
Tgt Ion:153 Resp: 110339

Ion Ratio Lower Upper

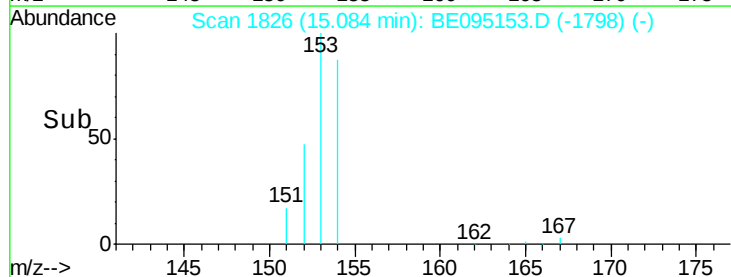
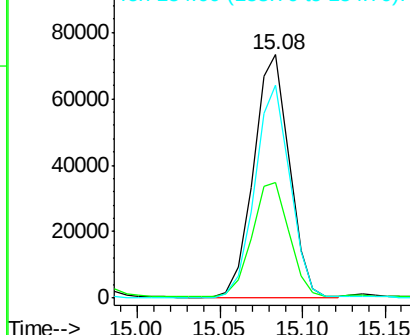
153 100

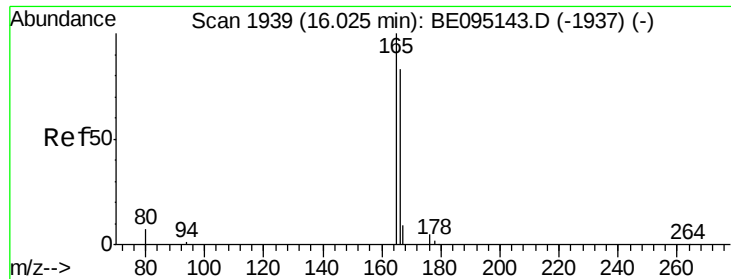
152 47.7 36.0 54.0

154 87.2 72.0 108.0



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: 3.180 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

Instrument :

BNA_E

ClientSampleId :

F6A51

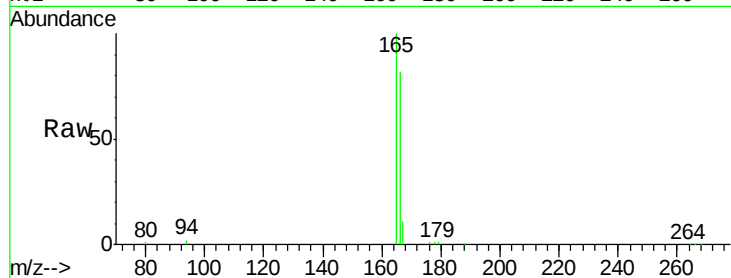
Tgt Ion:166 Resp: 103743

Ion Ratio Lower Upper

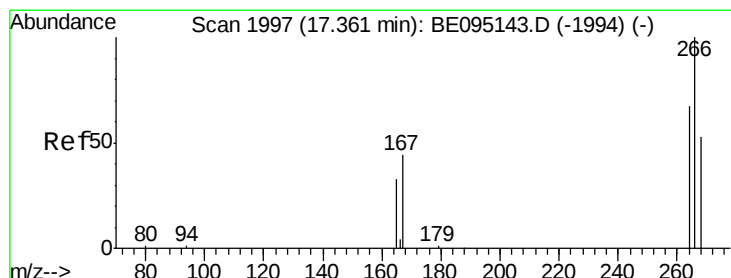
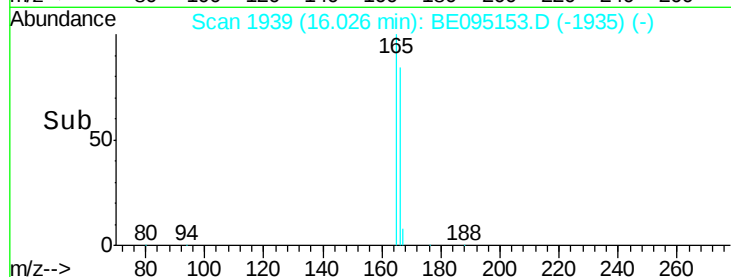
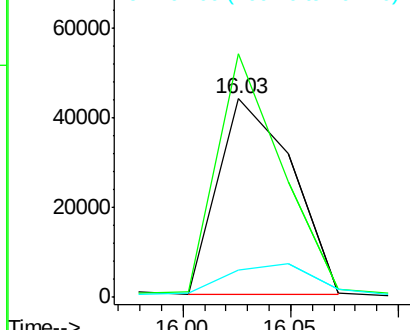
166 100

165 122.7 73.4 110.2#

167 13.7 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: 0.398 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

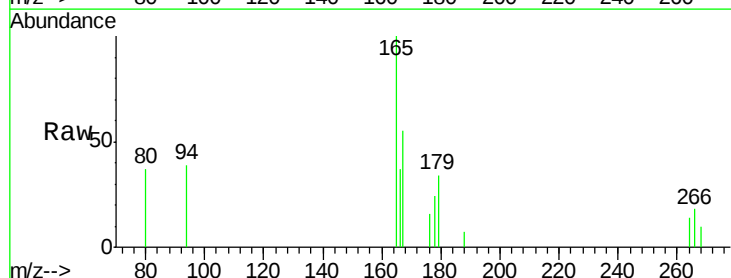
Tgt Ion:266 Resp: 1177

Ion Ratio Lower Upper

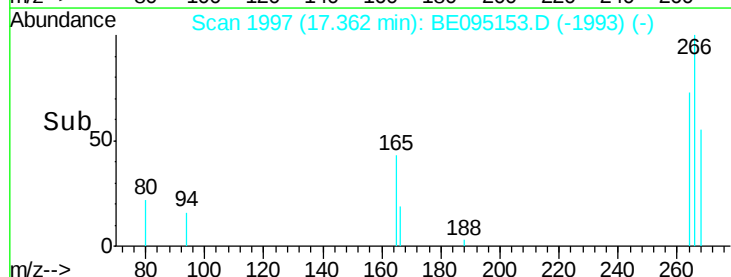
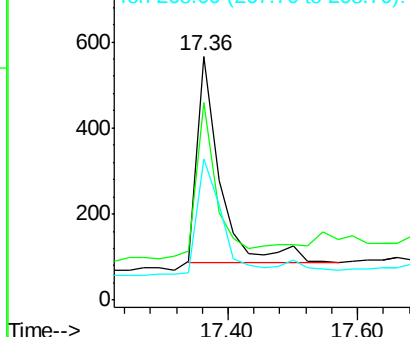
266 100

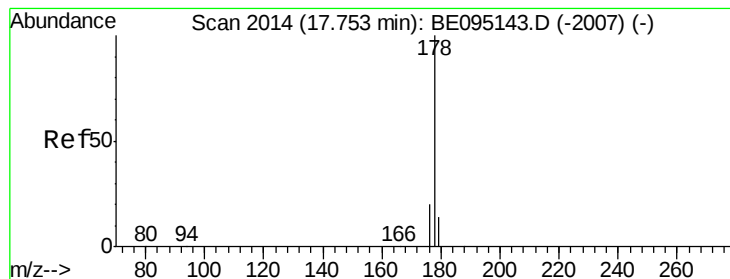
264 56.5 47.9 71.9

268 57.0 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: 11.399 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

Instrument :

BNA_E

ClientSampleId :

F6A51

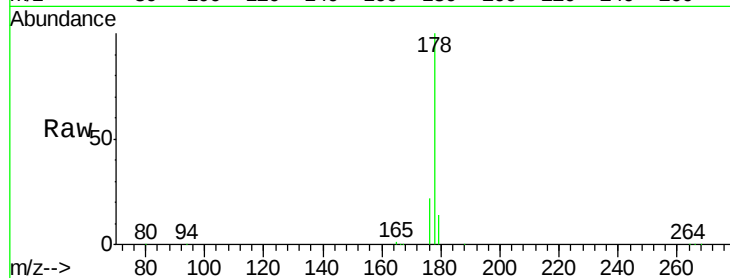
Tgt Ion:178 Resp: 584733

Ion Ratio Lower Upper

178 100

179 14.2 18.4 27.6#

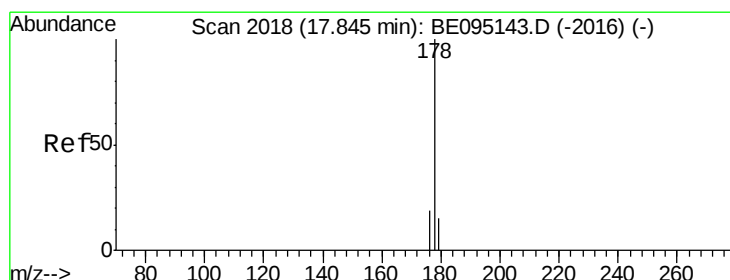
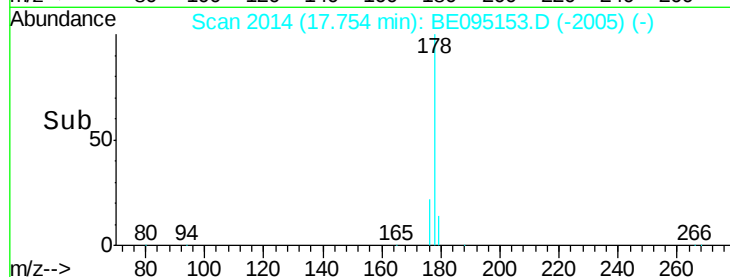
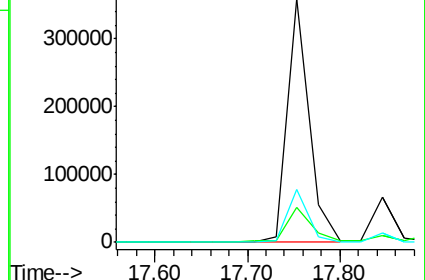
176 21.7 13.6 20.4#



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: 2.068 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

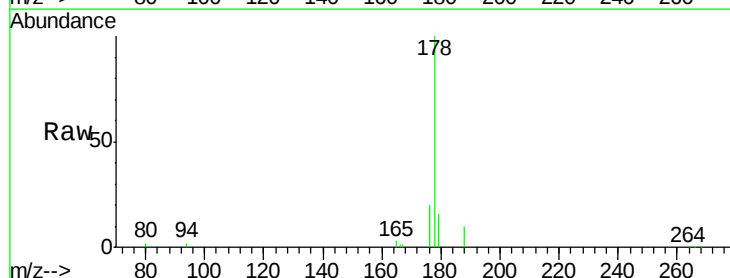
Tgt Ion:178 Resp: 97107

Ion Ratio Lower Upper

178 100

179 16.0 18.1 27.1#

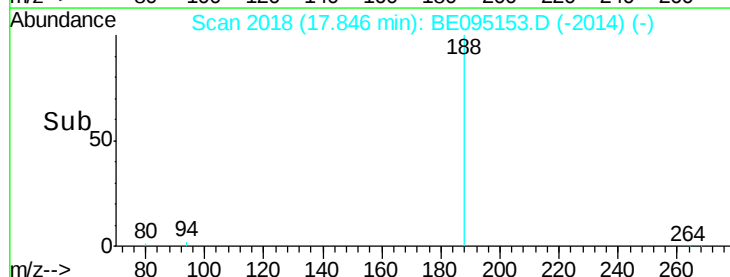
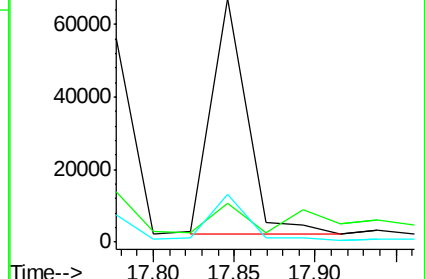
176 19.6 14.7 22.1

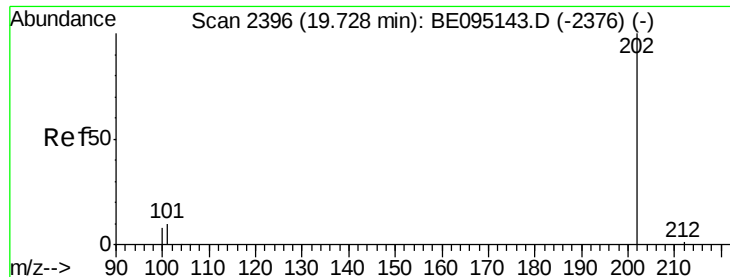


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 7.914 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

Instrument :

BNA_E

ClientSampleId :

F6A51

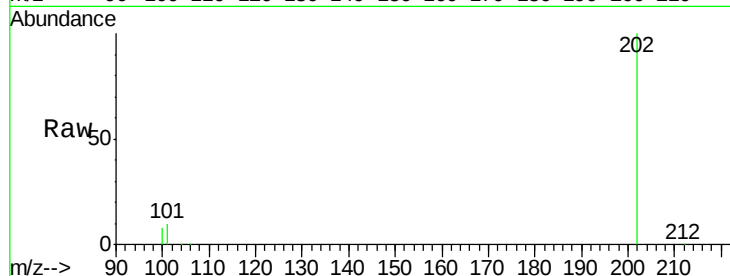
Tgt Ion:202 Resp: 525612

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.3

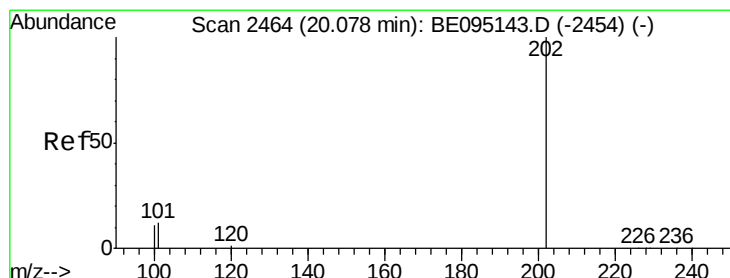
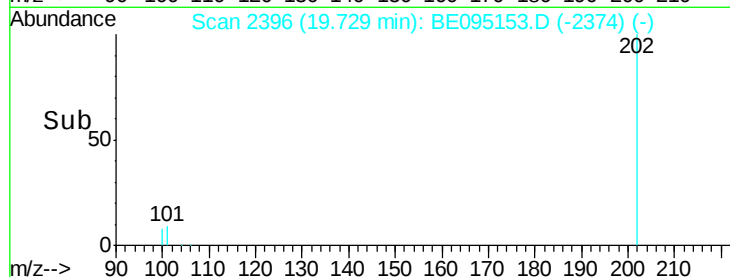
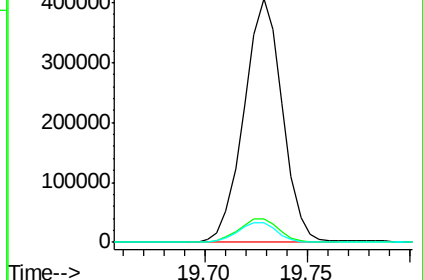
100 7.9 0.0 39.5



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: 7.130 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

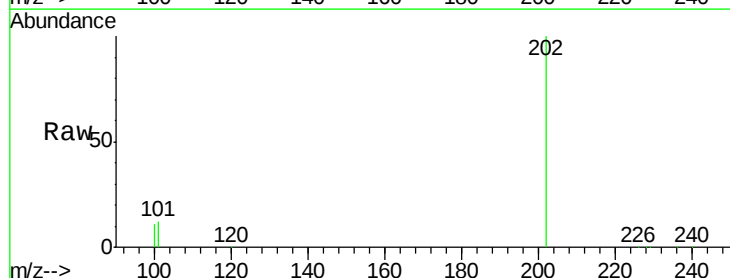
Tgt Ion:202 Resp: 398267

Ion Ratio Lower Upper

202 100

101 12.2 18.2 27.4#

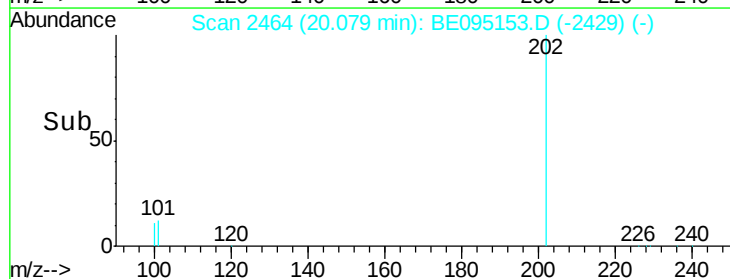
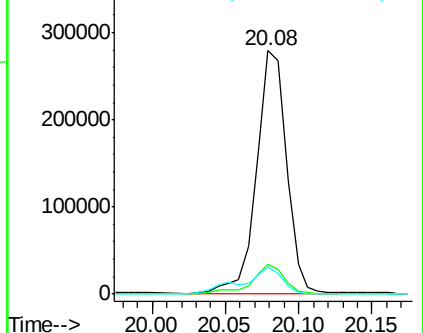
100 11.2 15.6 23.4#

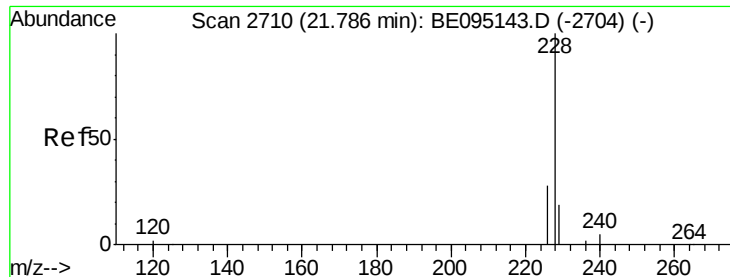


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 1.517 ng/ul

RT: 21.79 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

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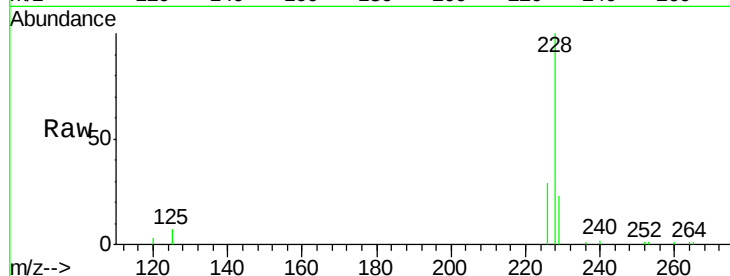
Tgt Ion:228 Resp: 78933

Ion Ratio Lower Upper

228 100

229 22.6 22.8 34.2#

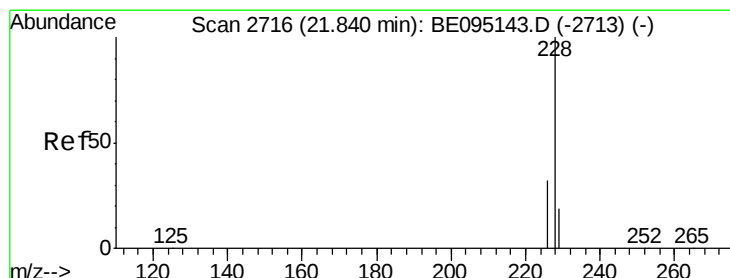
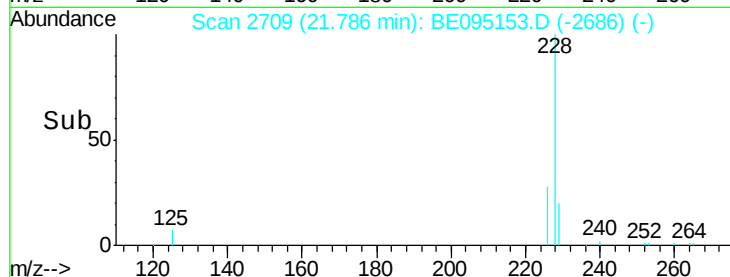
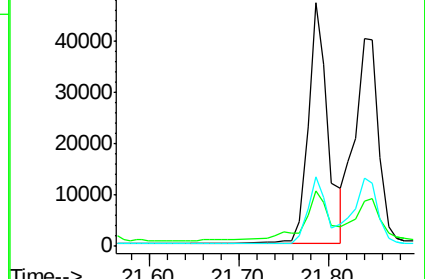
226 28.6 17.0 25.6#



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: 1.380 ng/ul

RT: 21.84 min Scan# 2715

Delta R.T. 0.00 min

Lab File: BE095153.D

Acq: 27 Jan 2018 6:16

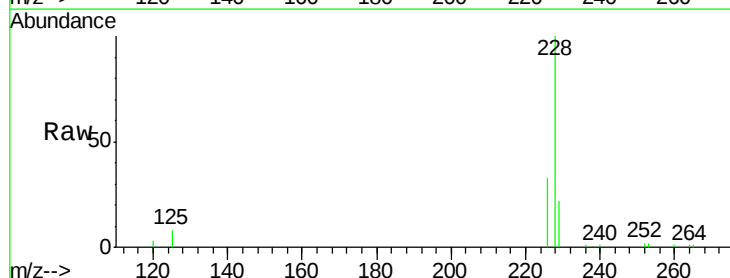
Tgt Ion:228 Resp: 74602

Ion Ratio Lower Upper

228 100

226 32.6 23.4 35.0

229 21.8 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

