

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095266.D
 Acq On : 30 Jan 2018 2:44
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B47

Quant Time: Jan 30 06:23:22 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 06:14:31 2018
 Response via : Initial Calibration

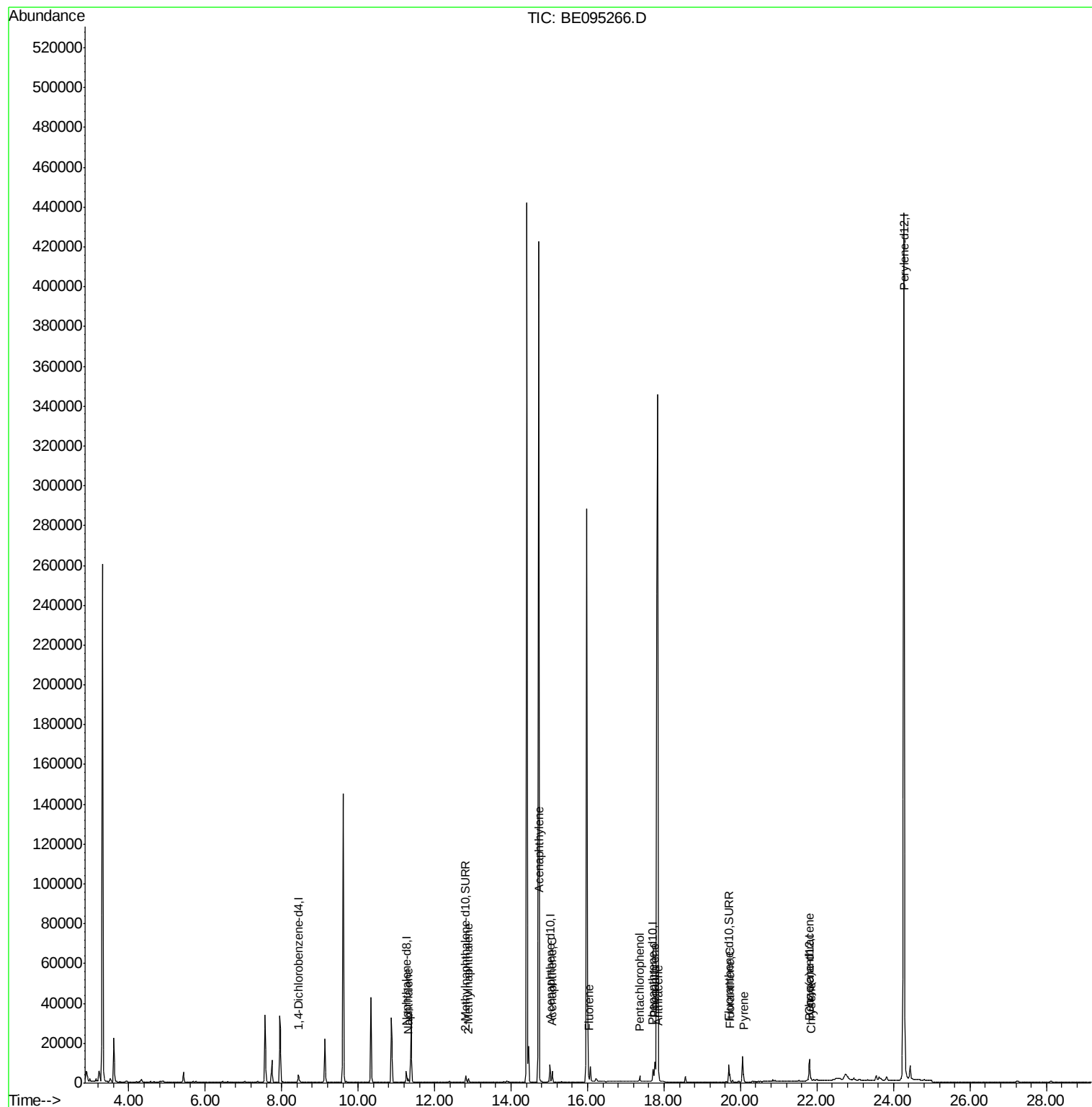
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2548	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7550	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4769	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9797	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10271	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	471209	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3743	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	9827	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	2430	0.115	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	1436	0.102	ng/ul	99
7) Acenaphthylene	14.74	152	543	0.024	ng/ul#	69
8) Acenaphthene	15.08	153	3325	0.187	ng/ul	93
9) Fluorene	16.03	166	2516	0.137	ng/ul#	79
11) Pentachlorophenol	17.36	266	1716	0.904	ng/ul	95
12) Phenanthrene	17.75	178	11017	0.334	ng/ul#	88
13) Anthracene	17.85	178	2447	0.081	ng/ul	95
15) Fluoranthene	19.73	202	4755	0.111	ng/ul	84
17) Pyrene	20.08	202	6186	0.179	ng/ul#	85
18) Benzo(a)anthracene	21.79	228	1520	0.047	ng/ul#	87
19) Chrysene	21.84	228	1507	0.045	ng/ul#	79

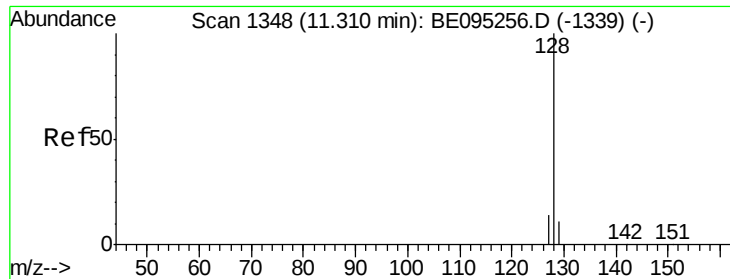
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.115 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

Instrument :

BNA_E

ClientSampleId :

F6B47

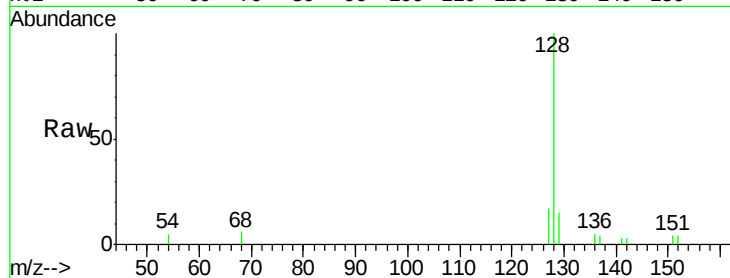
Tot Ion:128 Resp: 2430

Ion Ratio Lower Upper

128 100

129 15.1 11.3 16.9

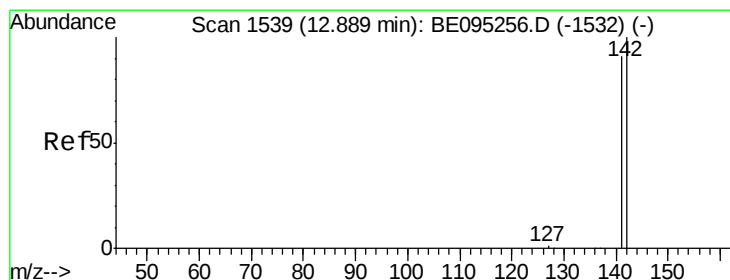
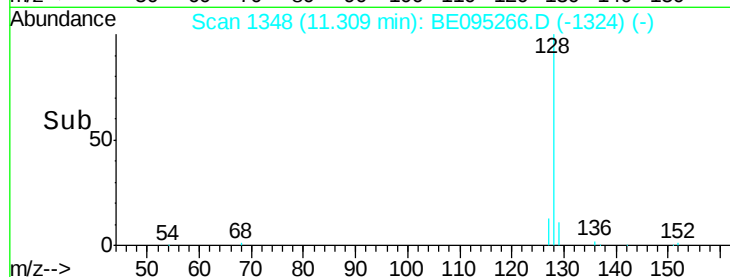
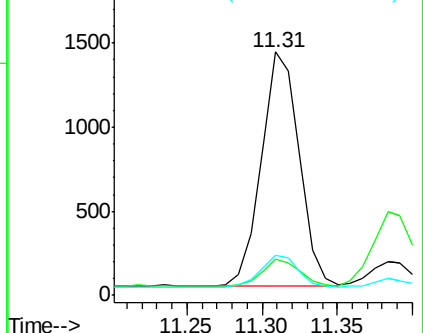
127 16.5 4.0 6.0#



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: 0.102 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095266.D

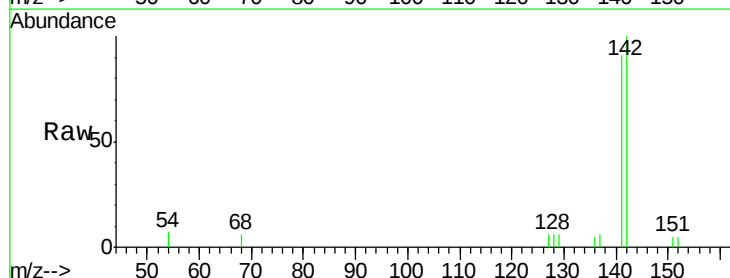
Acq: 30 Jan 2018 2:44

Tgt Ion:142 Resp: 1436

Ion Ratio Lower Upper

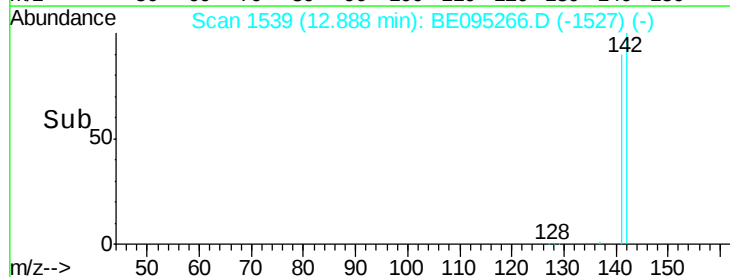
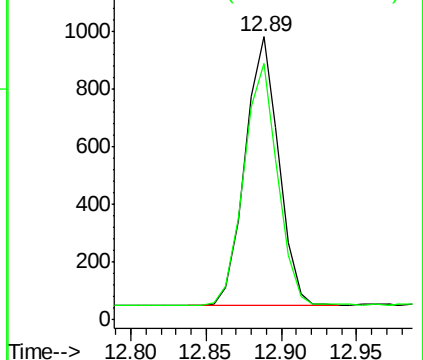
142 100

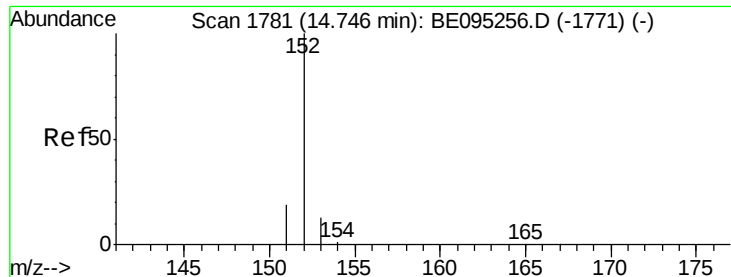
141 91.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.74 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

Instrument :

BNA_E

ClientSampleId :

F6B47

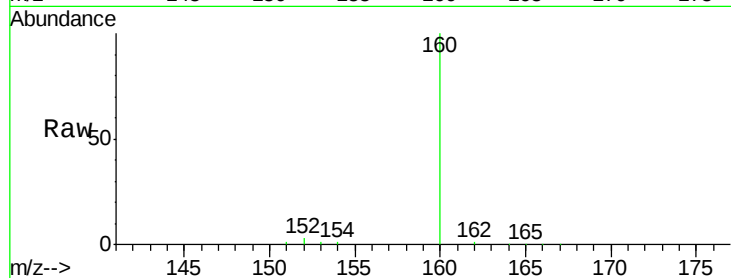
Tot Ion:152 Resp: 543

Ion Ratio Lower Upper

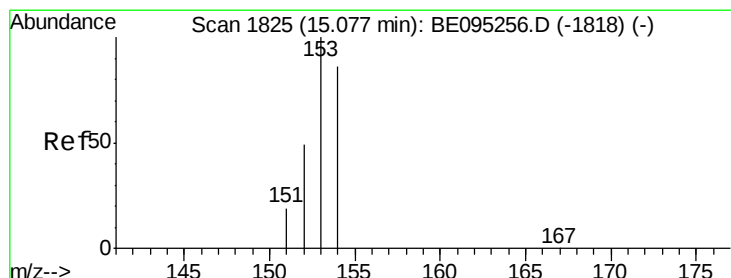
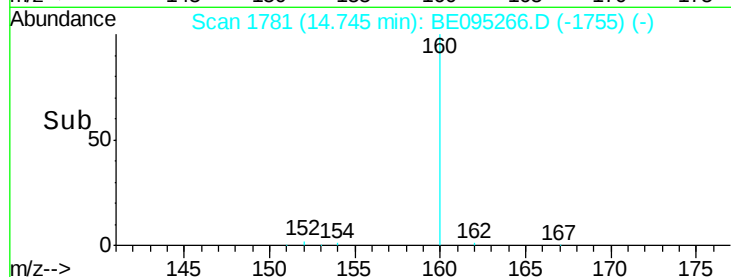
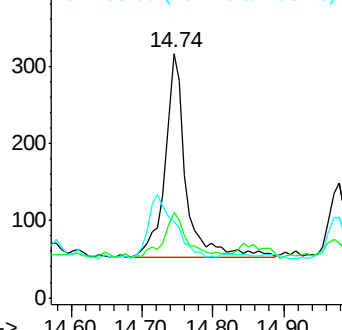
152 100

151 34.8 17.1 25.7#

153 31.0 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: 0.187 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

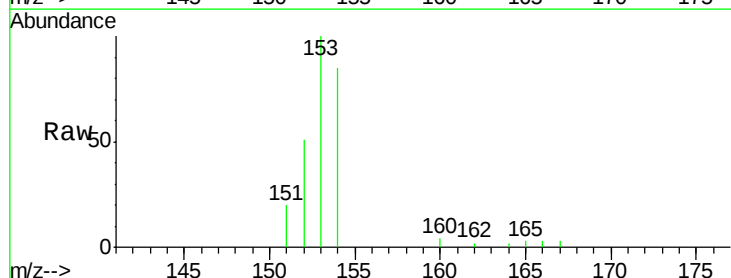
Tgt Ion:153 Resp: 3325

Ion Ratio Lower Upper

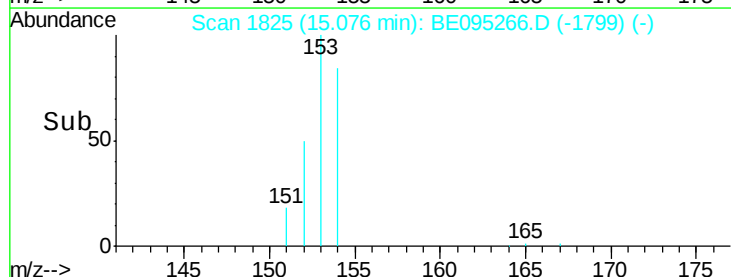
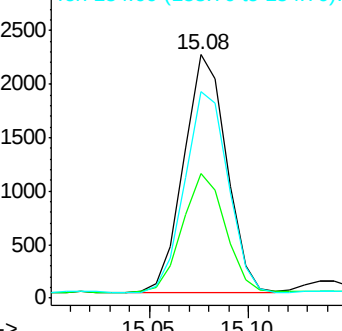
153 100

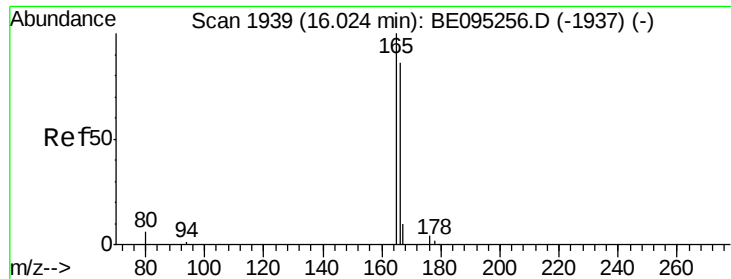
152 51.2 36.0 54.0

154 84.9 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: 0.137 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

Instrument :

BNA_E

ClientSampleId :

F6B47

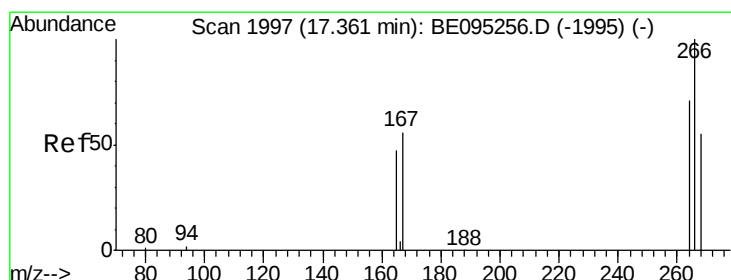
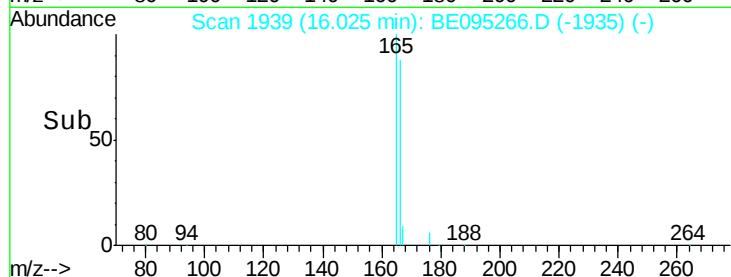
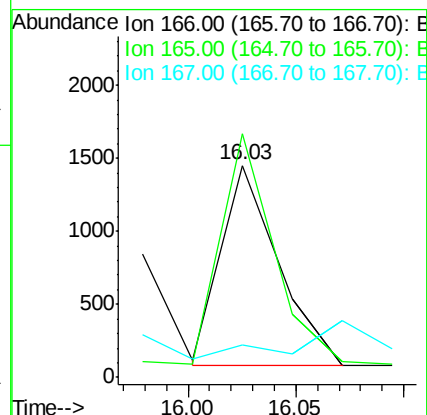
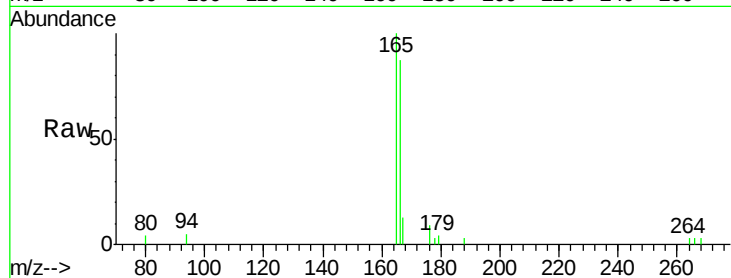
Tot Ion:166 Resp: 2516

Ion Ratio Lower Upper

166 100

165 115.0 73.4 110.2#

167 15.0 14.6 22.0



#11

Pentachlorophenol

Concen: 0.904 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

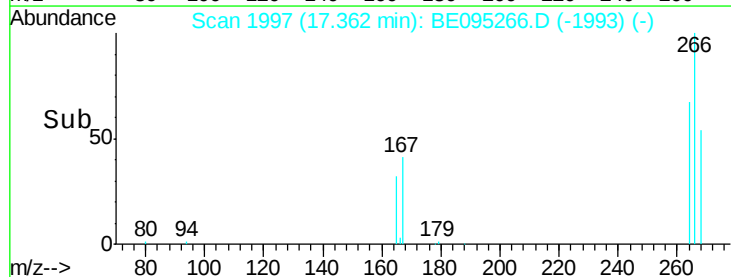
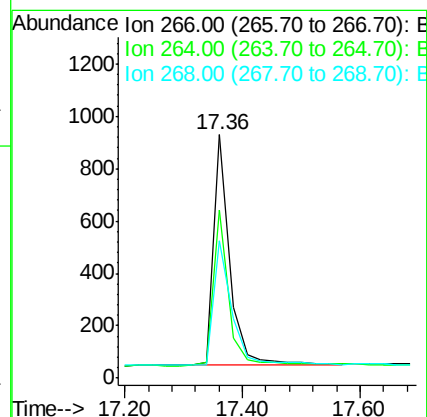
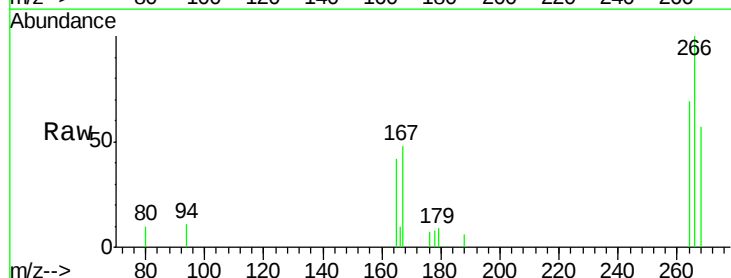
Tgt Ion:266 Resp: 1716

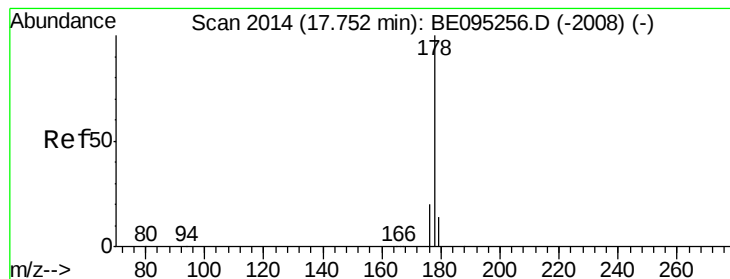
Ion Ratio Lower Upper

266 100

264 64.0 47.9 71.9

268 59.4 49.8 74.8





#12

Phenanthrene

Concen: 0.334 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

Instrument :

BNA_E

ClientSampleId :

F6B47

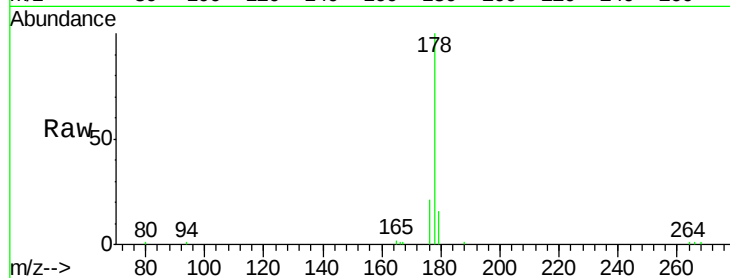
Tot Ion:178 Resp: 11017

Ion Ratio Lower Upper

178 100

179 15.7 18.4 27.6#

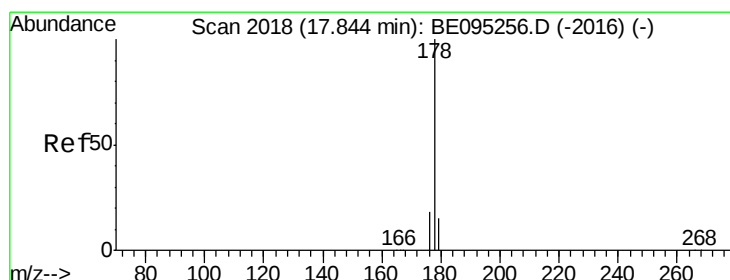
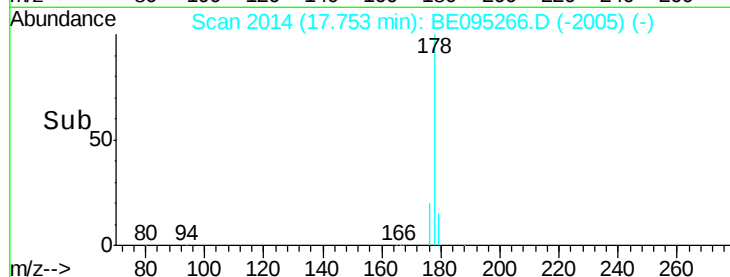
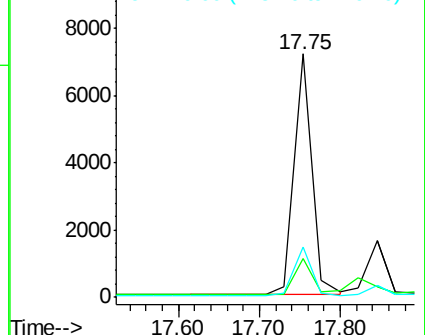
176 20.6 13.6 20.4#



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: 0.081 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

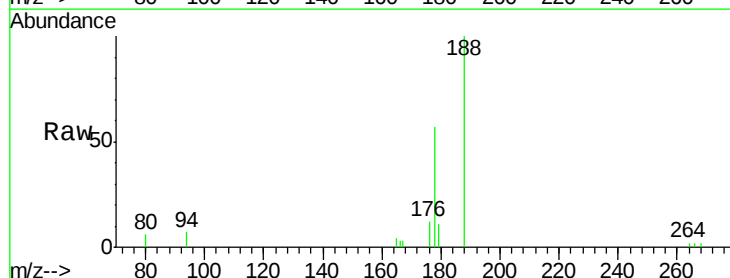
Tgt Ion:178 Resp: 2447

Ion Ratio Lower Upper

178 100

179 19.8 18.1 27.1

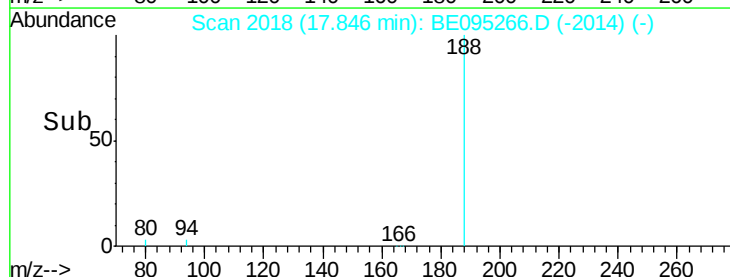
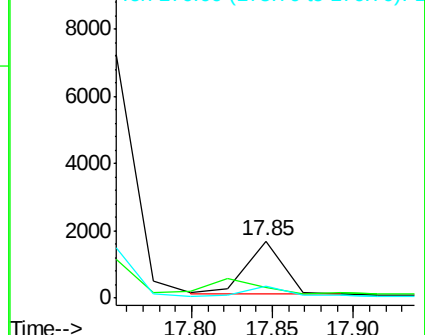
176 20.5 14.7 22.1

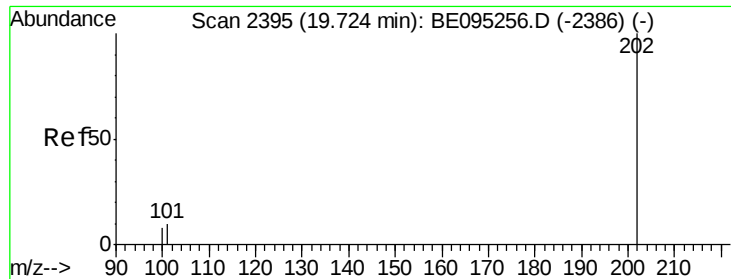


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.111 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

Instrument :

BNA_E

ClientSampleId :

F6B47

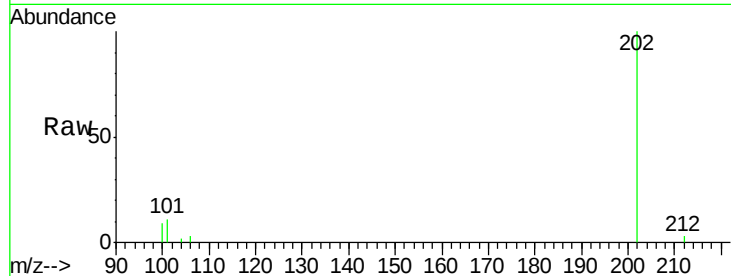
Tot Ion:202 Resp: 4755

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

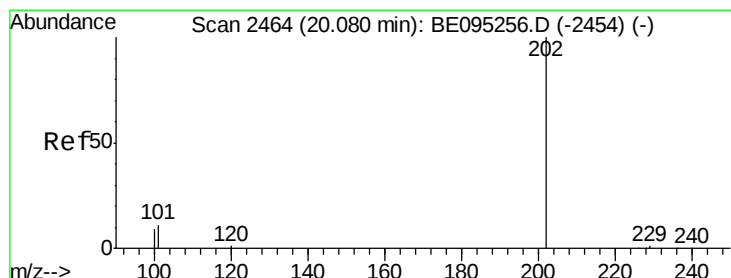
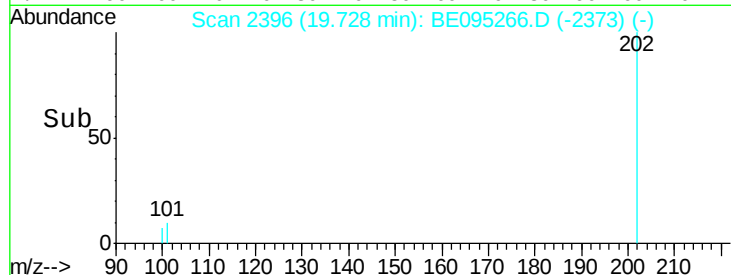
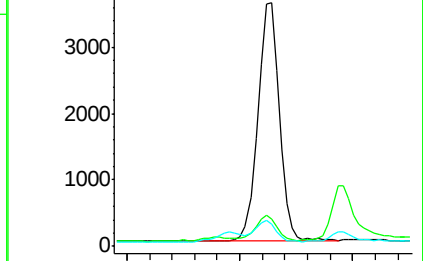
100 8.9 0.0 39.5



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: 0.179 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

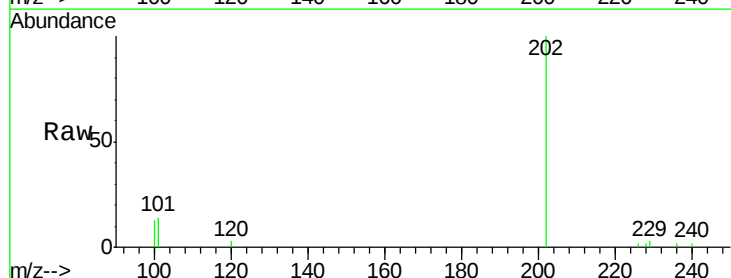
Tgt Ion:202 Resp: 6186

Ion Ratio Lower Upper

202 100

101 14.5 18.2 27.4#

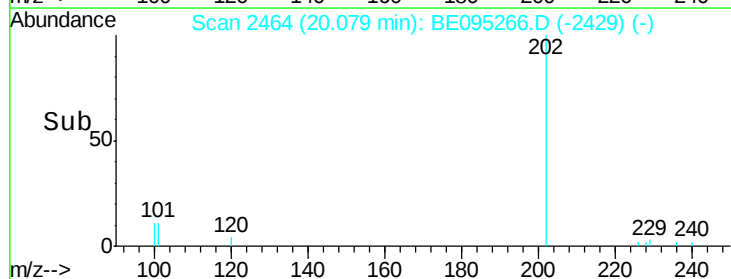
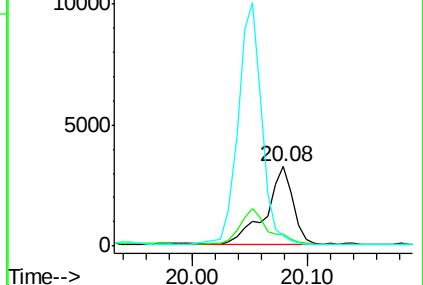
100 13.4 15.6 23.4#

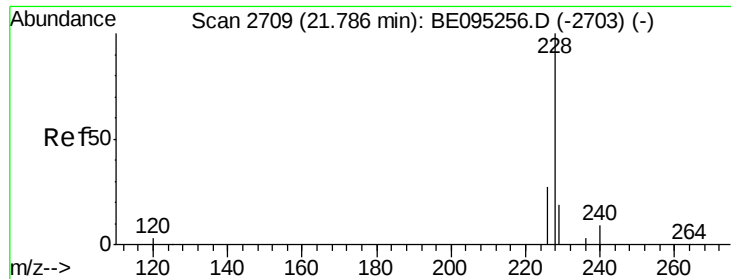


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.047 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

Instrument :

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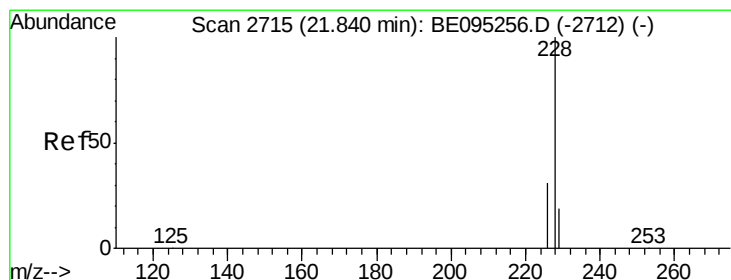
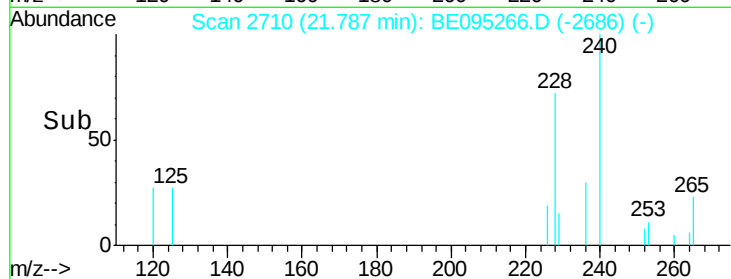
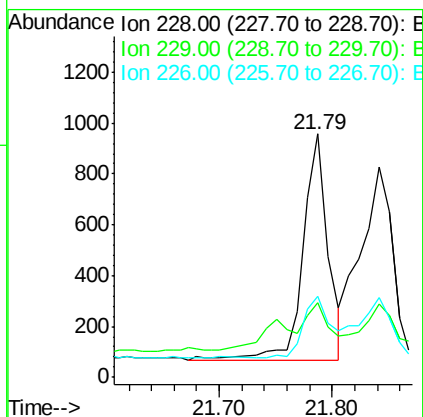
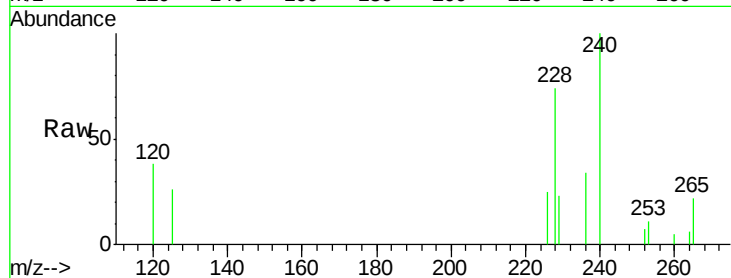
Tot Ion:228 Resp: 1520

Ion Ratio Lower Upper

228 100

229 30.9 22.8 34.2

226 33.1 17.0 25.6#



#19

Chrysene

Concen: 0.045 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095266.D

Acq: 30 Jan 2018 2:44

Tgt Ion:228 Resp: 1507

Ion Ratio Lower Upper

228 100

226 38.0 23.4 35.0#

229 34.9 17.7 26.5#

