

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095271.D
 Acq On : 30 Jan 2018 5:40
 Operator : SJ/JU
 Sample : J1244-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6B55

Quant Time: Jan 30 06:23:59 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

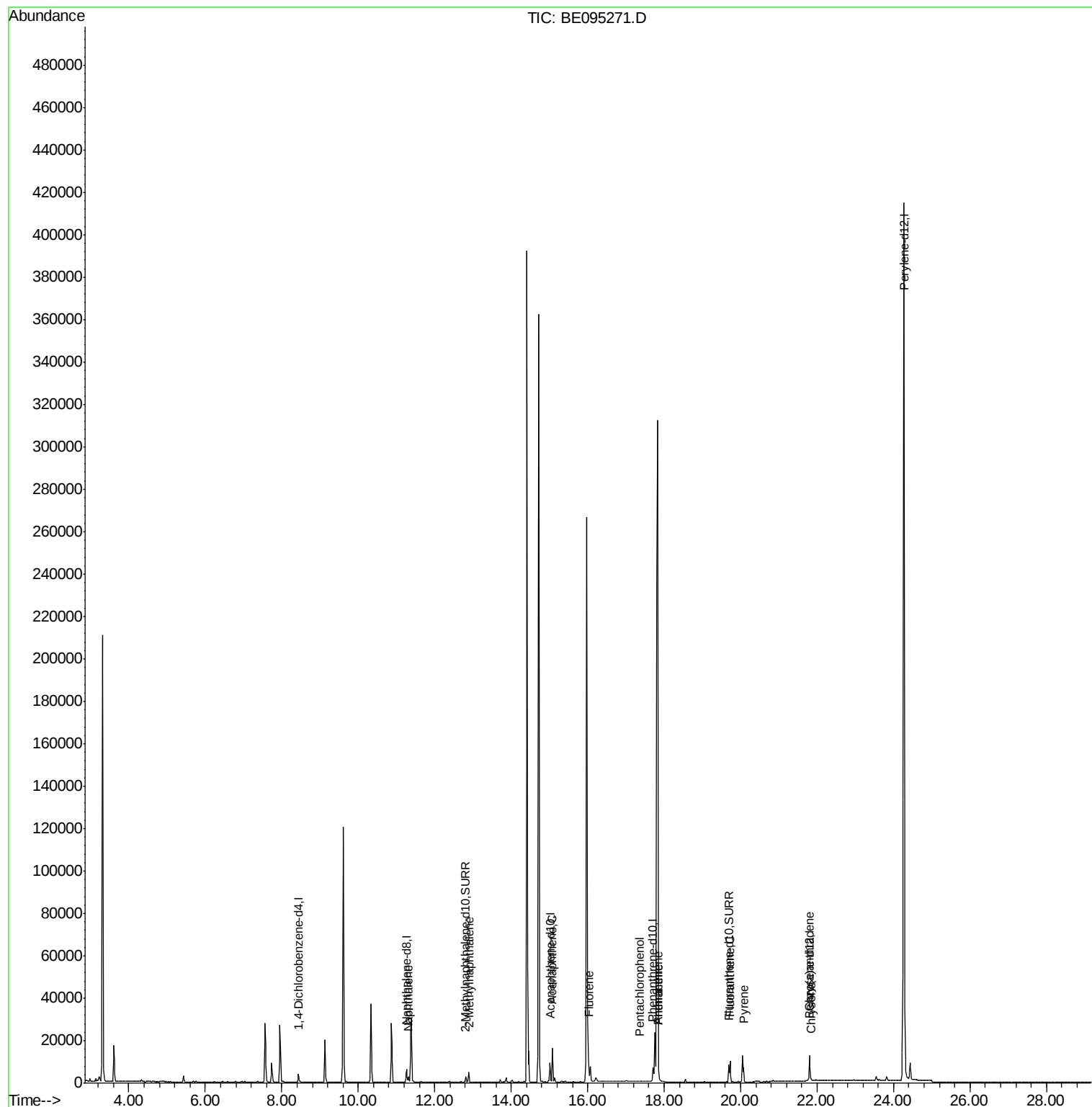
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2556	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7749	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4885	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10520	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11417	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	459648	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3102	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	9282	0.23	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	3563	0.164	ng/ul#	91
5) 2-Methylnaphthalene	12.89	142	3802	0.262	ng/ul	100
8) Acenaphthene	15.08	153	8999	0.494	ng/ul	95
9) Fluorene	16.03	166	7559	0.402	ng/ul#	79
11) Pentachlorophenol	17.36	266	182	0.089	ng/ul	94
12) Phenanthrene	17.85	178	3309	0.094	ng/ul	93
13) Anthracene	17.85	178	3409	0.105	ng/ul	94
15) Fluoranthene	19.72	202	11054	0.241	ng/ul	84
17) Pyrene	20.08	202	9522	0.249	ng/ul#	81
18) Benzo(a)anthracene	21.79	228	1581	0.044	ng/ul#	88
19) Chrysene	21.84	228	1032	0.028	ng/ul#	81

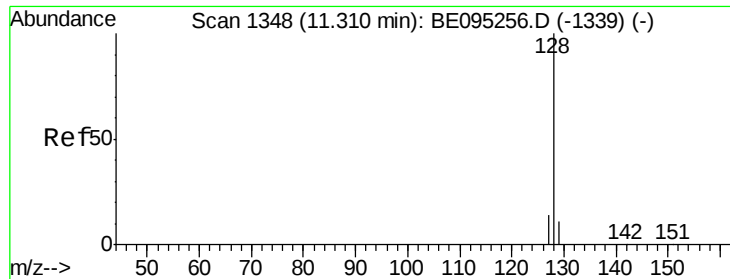
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.164 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095271.D

Acq: 30 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6B55

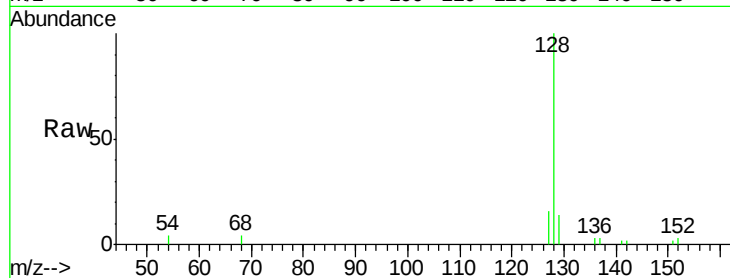
Tot Ion:128 Resp: 3563

Ion Ratio Lower Upper

128 100

129 14.1 11.3 16.9

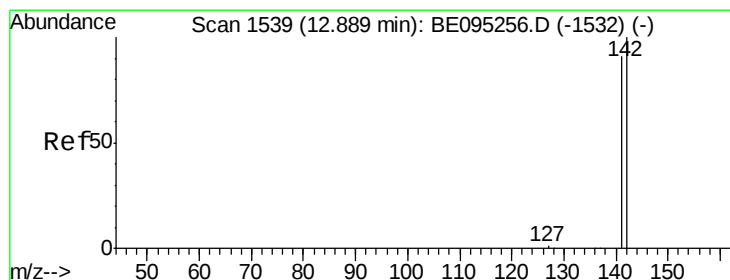
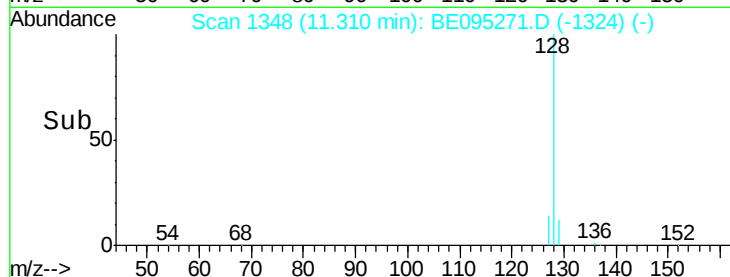
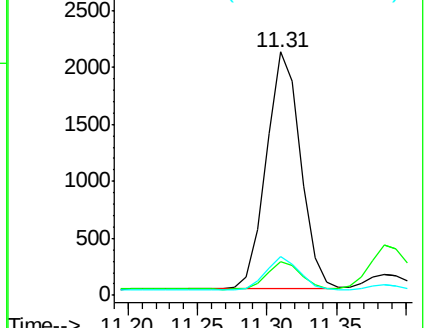
127 15.8 4.0 6.0#



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: 0.262 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095271.D

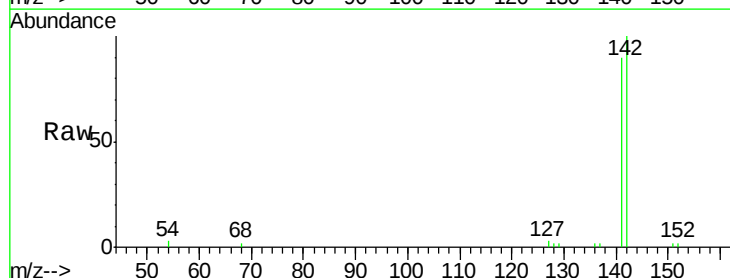
Acq: 30 Jan 2018 5:40

Tgt Ion:142 Resp: 3802

Ion Ratio Lower Upper

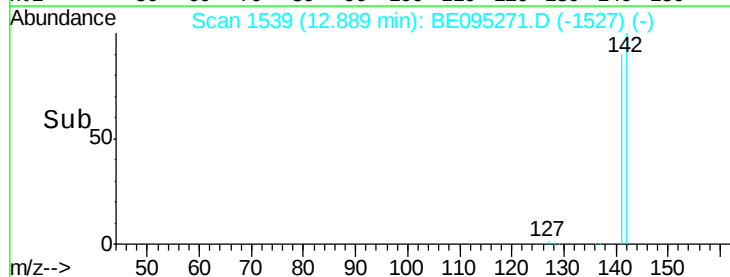
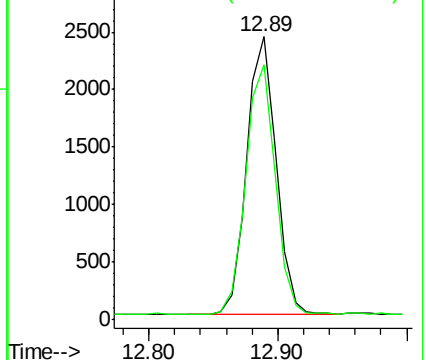
142 100

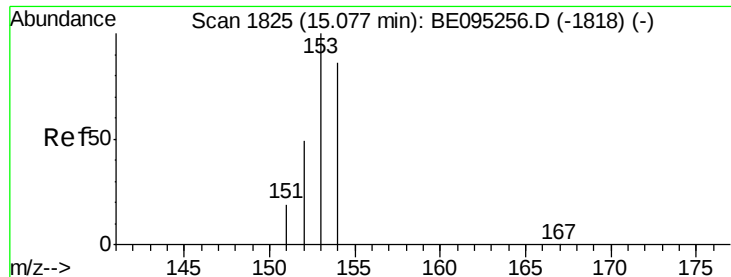
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.494 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095271.D

Acq: 30 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6B55

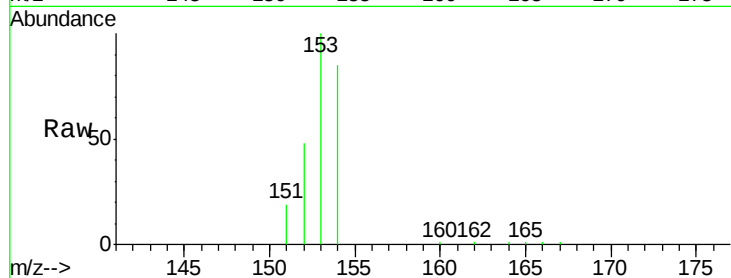
Tot Ion:153 Resp: 8999

Ion Ratio Lower Upper

153 100

152 47.9 36.0 54.0

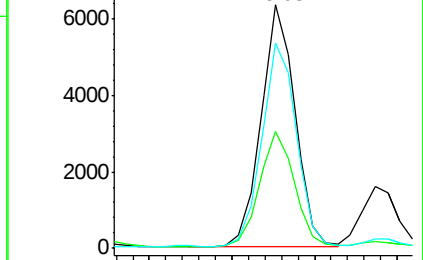
154 84.5 72.0 108.0



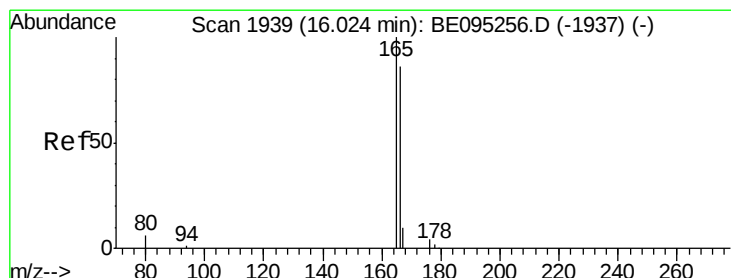
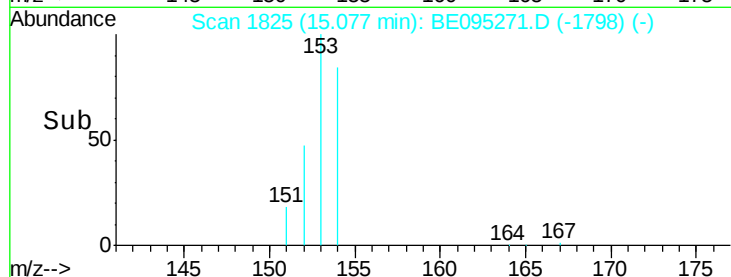
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.402 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095271.D

Acq: 30 Jan 2018 5:40

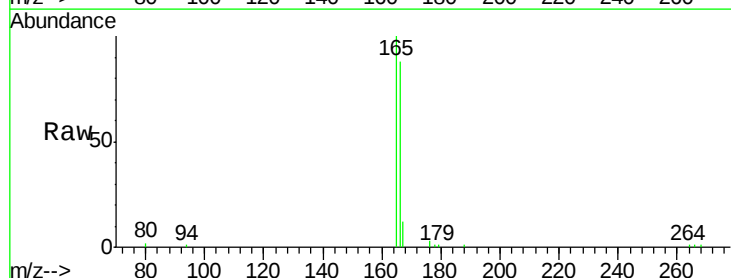
Tgt Ion:166 Resp: 7559

Ion Ratio Lower Upper

166 100

165 113.9 73.4 110.2#

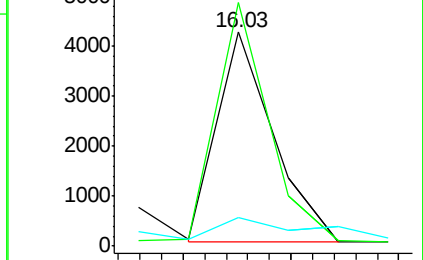
167 13.2 14.6 22.0#



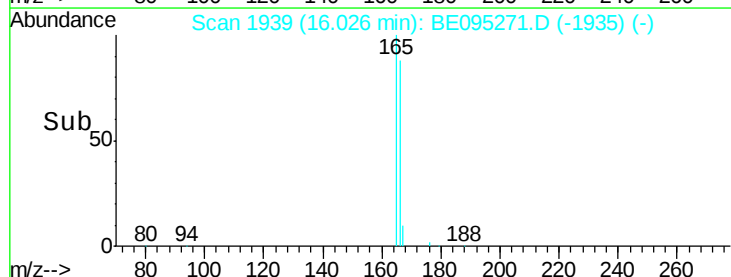
Abundance Ion 166.00 (165.70 to 166.70): E

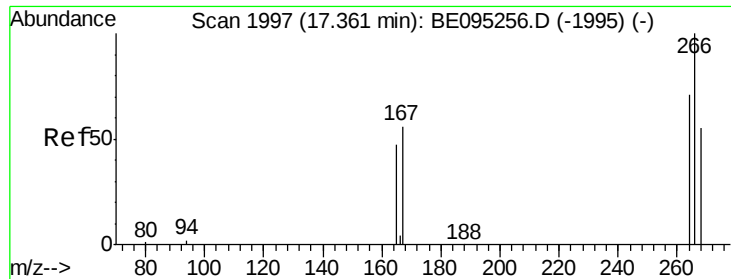
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

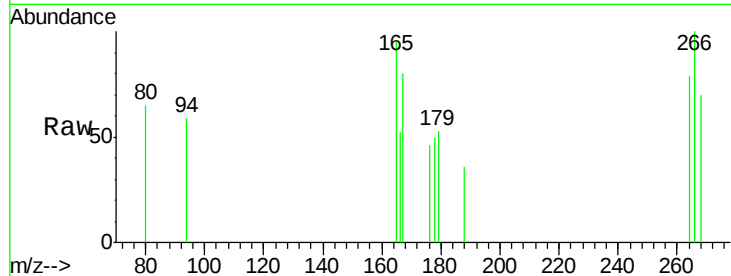




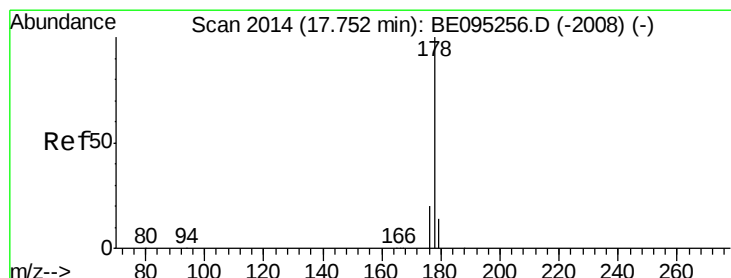
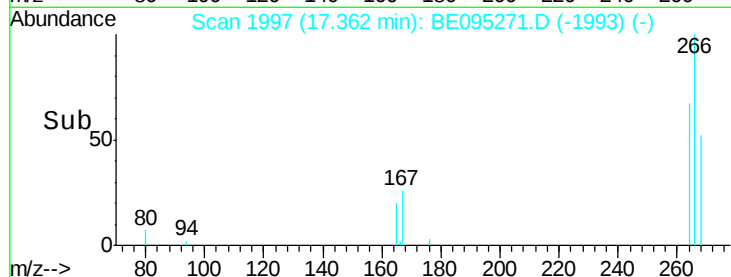
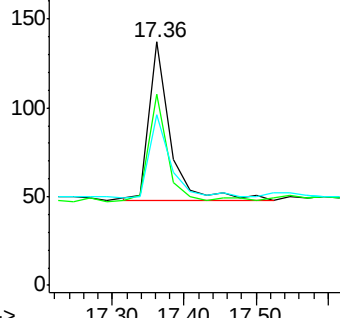
#11
 Pentachlorophenol
 Concen: 0.089 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095271.D
 Acq: 30 Jan 2018 5:40

Instrument :
 BNA_E
 ClientSampleId :
 F6B55

Tot Ion:266 Resp: 182
 Ion Ratio Lower Upper
 266 100
 264 58.2 47.9 71.9
 268 55.5 49.8 74.8

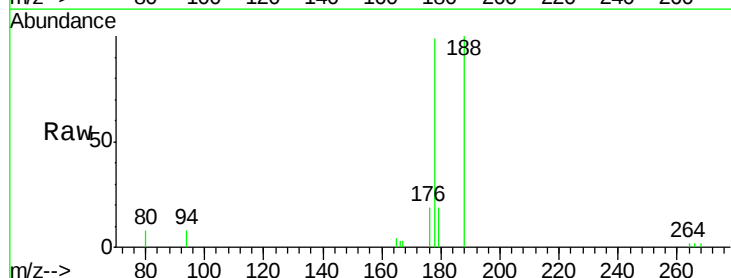


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

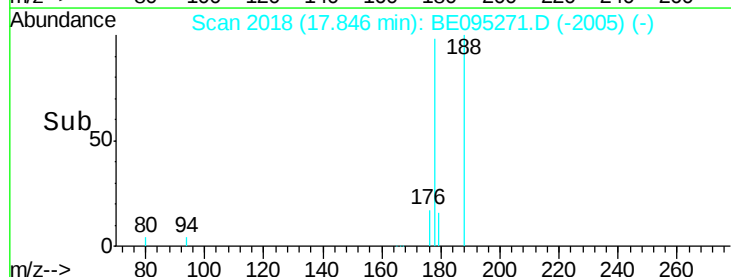
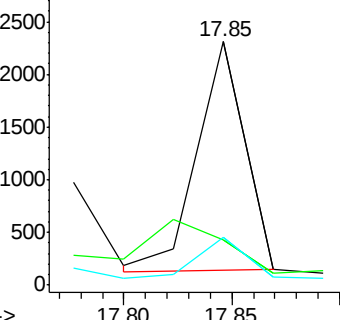


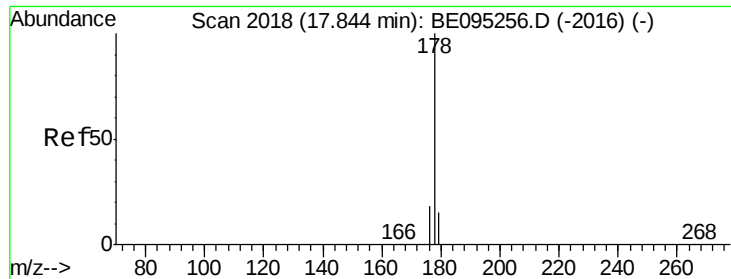
#12
 Phenanthrene
 Concen: 0.094 ng/ul
 RT: 17.85 min Scan# 2018
 Delta R.T. 0.09 min
 Lab File: BE095271.D
 Acq: 30 Jan 2018 5:40

Tgt Ion:178 Resp: 3309
 Ion Ratio Lower Upper
 178 100
 179 18.7 18.4 27.6
 176 19.5 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: 0.105 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095271.D

Acq: 30 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6B55

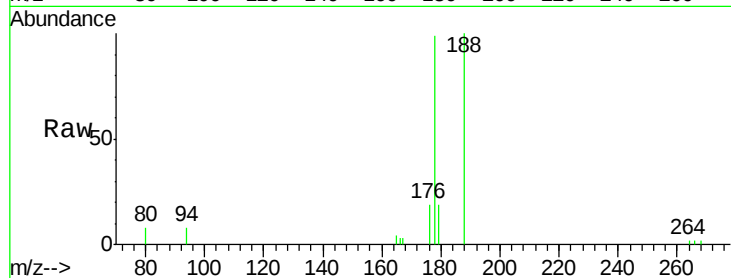
Tot Ion:178 Resp: 3409

Ion Ratio Lower Upper

178 100

179 18.7 18.1 27.1

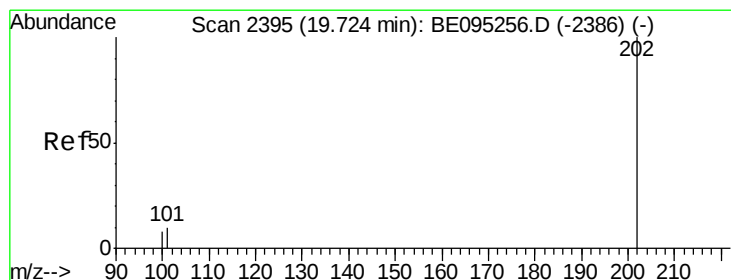
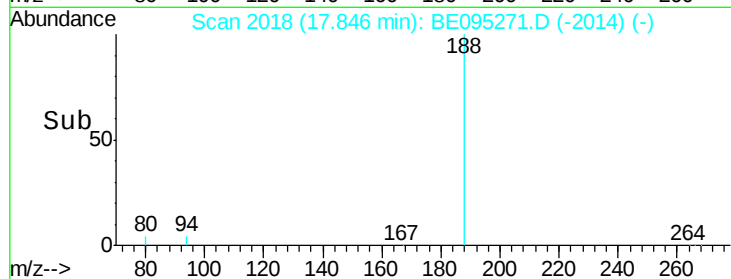
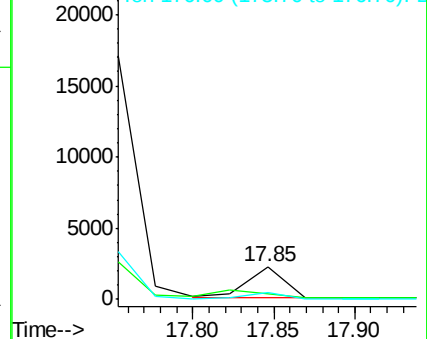
176 19.5 14.7 22.1



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: 0.241 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095271.D

Acq: 30 Jan 2018 5:40

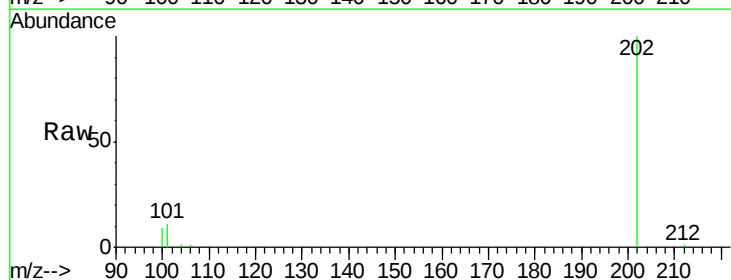
Tgt Ion:202 Resp: 11054

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

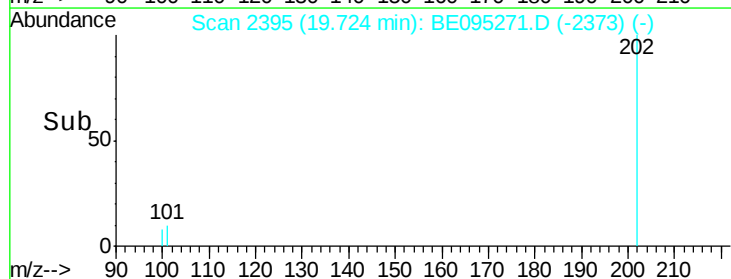
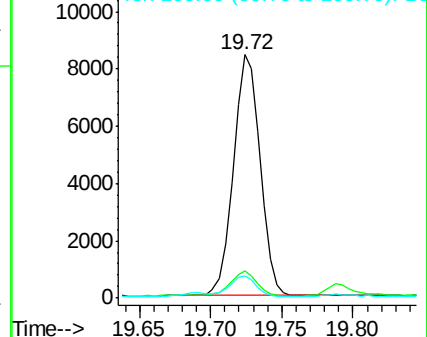
100 8.8 0.0 39.5

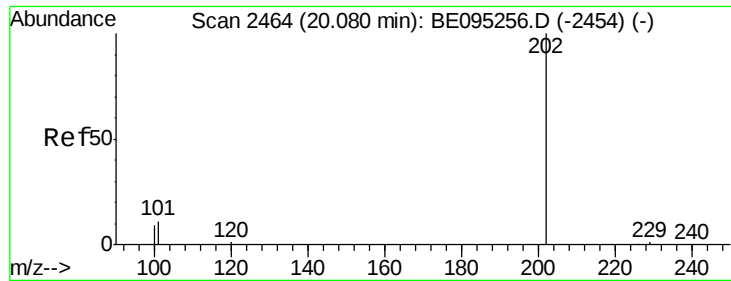


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.249 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095271.D

Acq: 30 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6B55

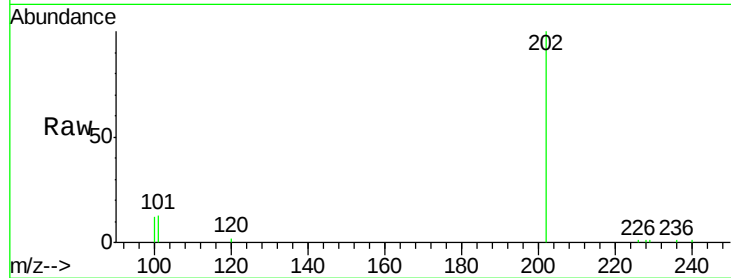
Tot Ion:202 Resp: 9522

Ion Ratio Lower Upper

202 100

101 12.7 18.2 27.4#

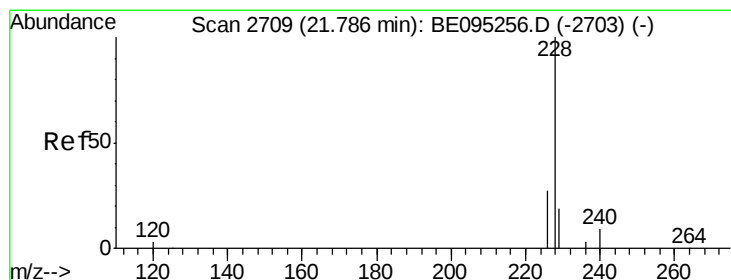
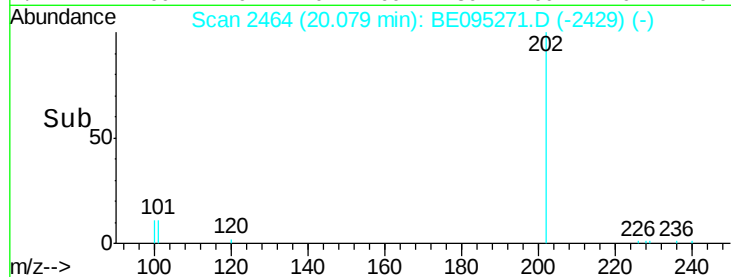
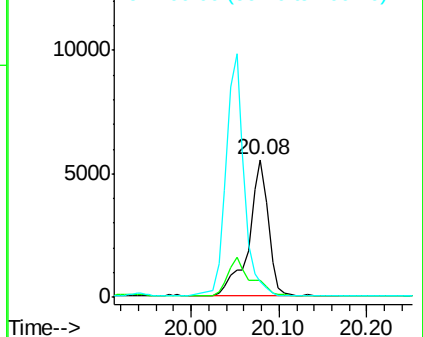
100 11.6 15.6 23.4#



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: 0.044 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095271.D

Acq: 30 Jan 2018 5:40

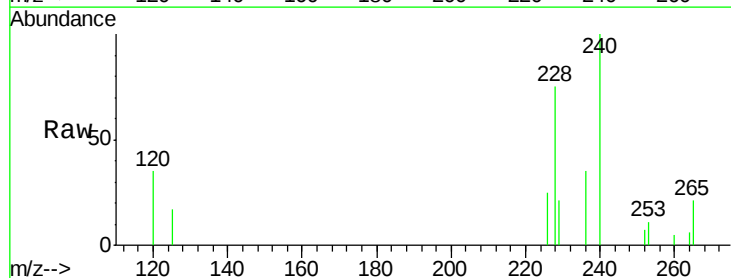
Tgt Ion:228 Resp: 1581

Ion Ratio Lower Upper

228 100

229 28.2 22.8 34.2

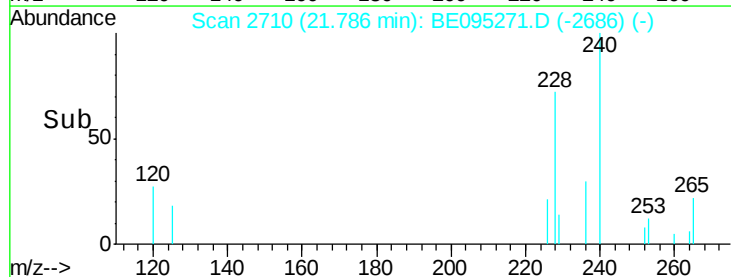
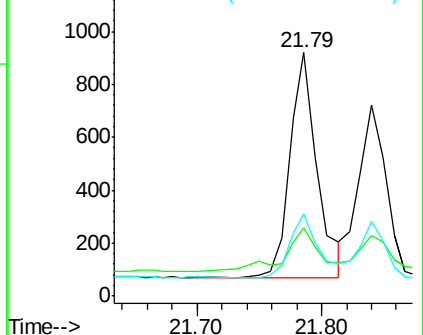
226 33.9 17.0 25.6#

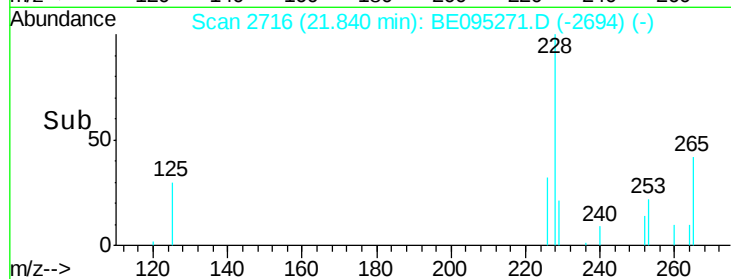
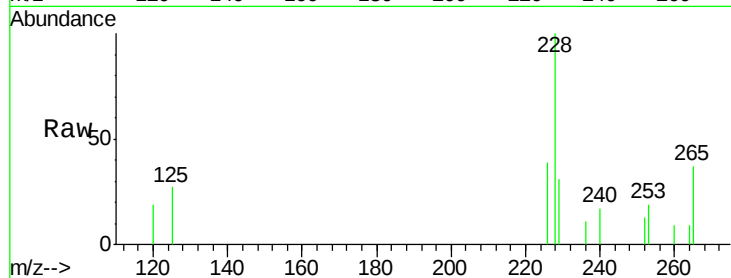
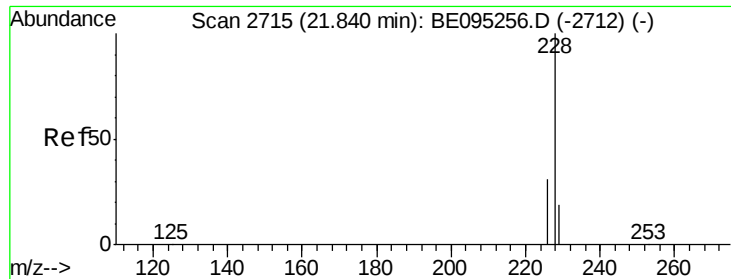


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.028 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095271.D

Acq: 30 Jan 2018 5:40

Instrument :

BNA_E

ClientSampleId :

F6B55

Tot Ion: 228 Resp: 1032

Ion Ratio Lower Upper

228 100

226 39.0 23.4 35.0#

229 31.4 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

