

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095306.D
 Acq On : 31 Jan 2018 8:25
 Operator : SJ/JU
 Sample : J1223-09DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 09:42:27 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 08:16:13 2018
 Response via : Initial Calibration

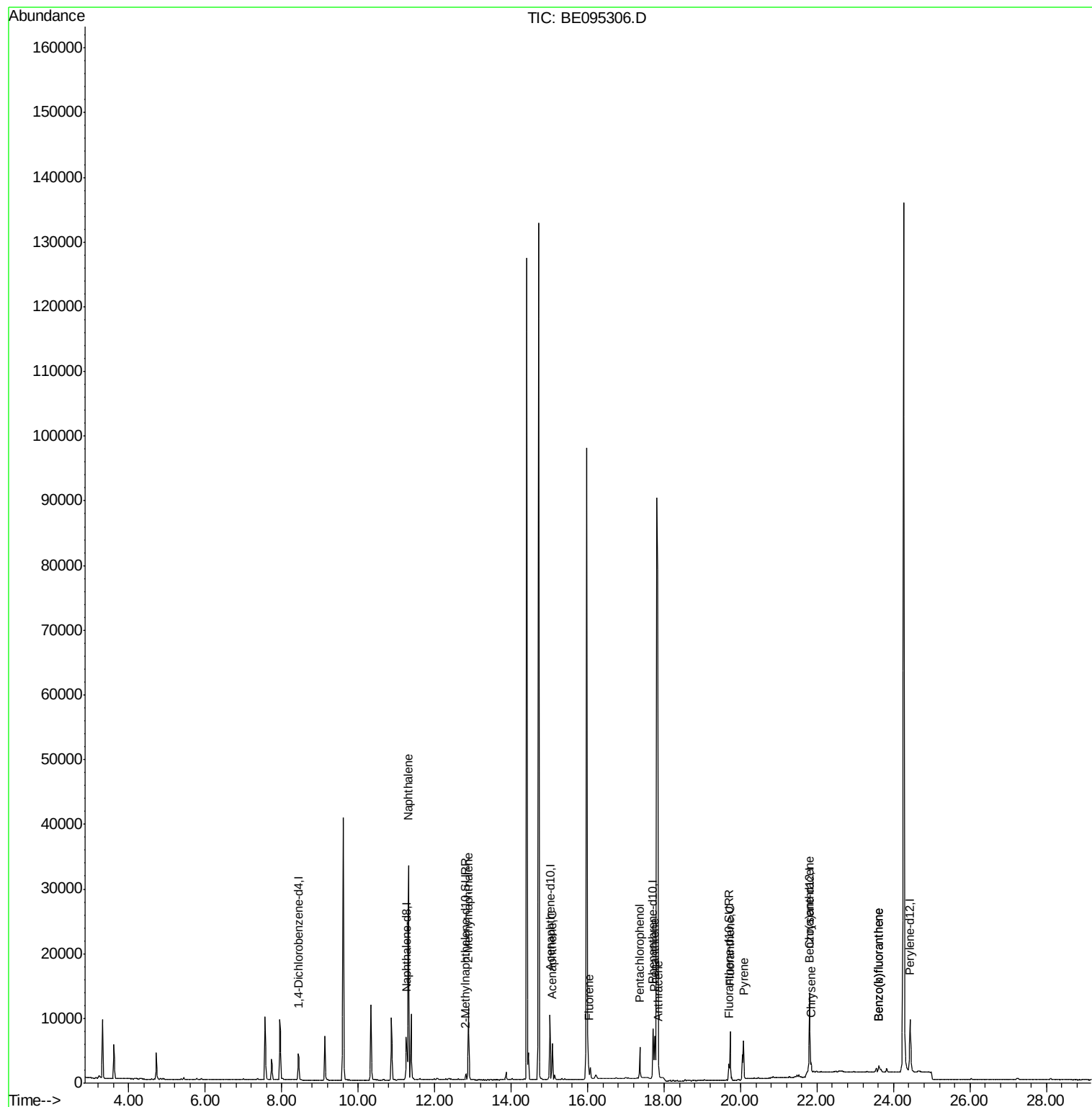
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2793	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8883	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5507	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	11659	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	12129	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	12352	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	1146	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2877	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	46257	1.860	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	8917	0.537	ng/ul	99
8) Acenaphthene	15.08	153	3274	0.159	ng/ul	94
9) Fluorene	16.03	166	1641	0.077	ng/ul#	82
11) Pentachlorophenol	17.36	266	3044	1.348	ng/ul	96
12) Phenanthrene	17.75	178	7411	0.189	ng/ul#	89
13) Anthracene	17.85	178	1189	0.033	ng/ul#	94
15) Fluoranthene	19.72	202	8179	0.161	ng/ul	84
17) Pyrene	20.08	202	8287	0.204	ng/ul#	80
18) Benzo(a)anthracene	21.79	228	2030	0.054	ng/ul#	88
19) Chrysene	21.84	228	1732	0.044	ng/ul#	82
21) Benzo(b)fluoranthene	23.62	252	2449	0.056	ng/ul#	67
22) Benzo(k)fluoranthene	23.62	252	2449	0.061	ng/ul#	64

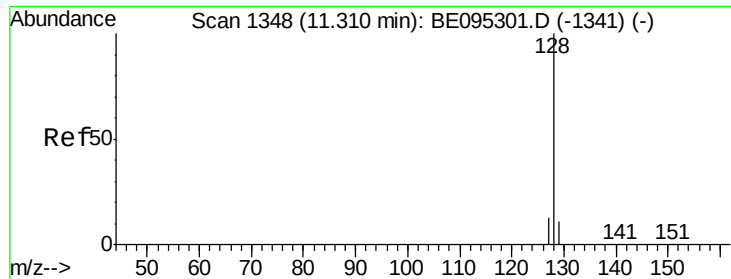
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.860 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095306.D

Acq: 31 Jan 2018 8:25

Instrument :

BNA_E

ClientSampleId :

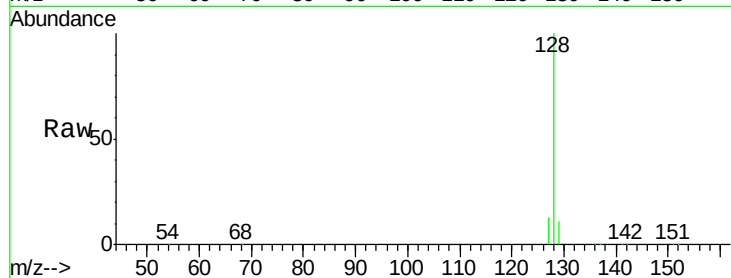
Tot Ion:128 Resp: 46257

Ion Ratio Lower Upper

128 100

129 11.0 11.3 16.9#

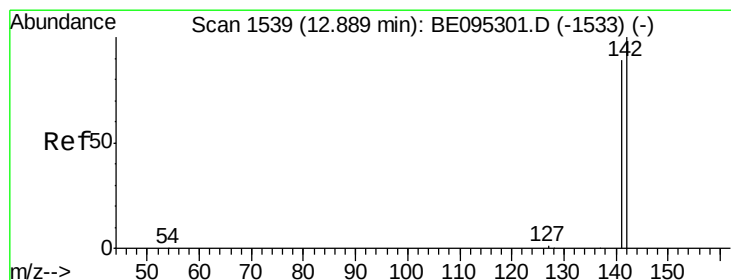
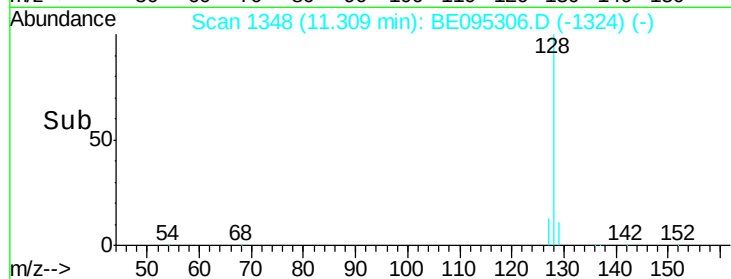
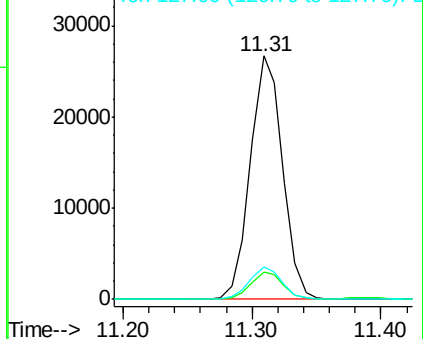
127 13.4 4.0 6.0#



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: 0.537 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095306.D

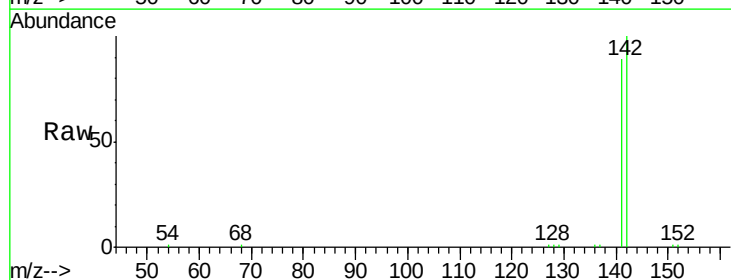
Acq: 31 Jan 2018 8:25

Tgt Ion:142 Resp: 8917

Ion Ratio Lower Upper

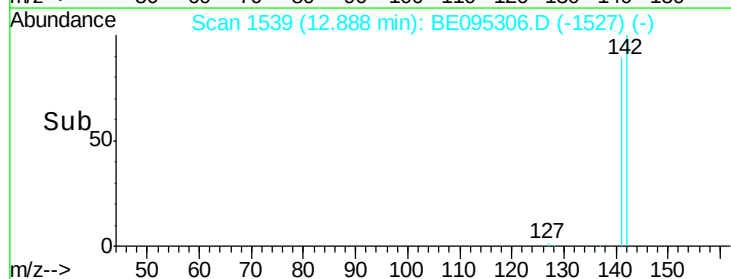
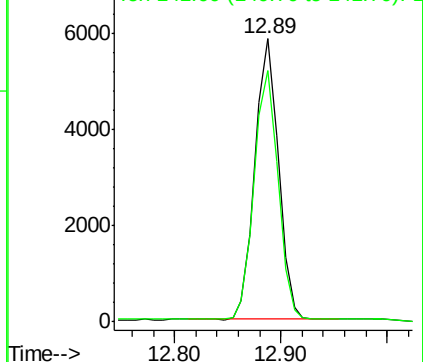
142 100

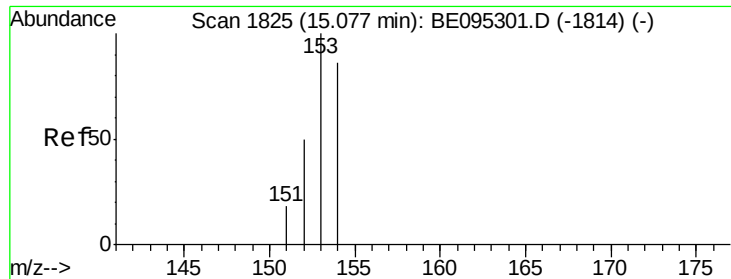
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.159 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095306.D

Acq: 31 Jan 2018 8:25

Instrument :

BNA_E

ClientSampleId :

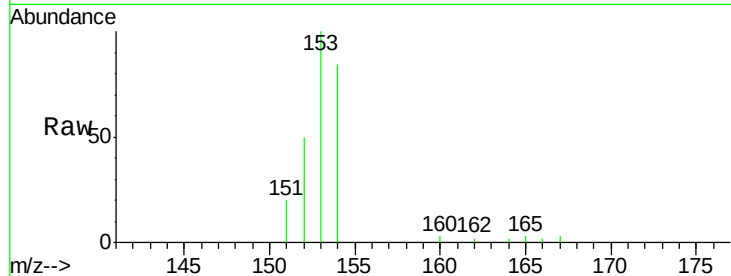
Tot Ion:153 Resp: 3274

Ion Ratio Lower Upper

153 100

152 49.6 36.0 54.0

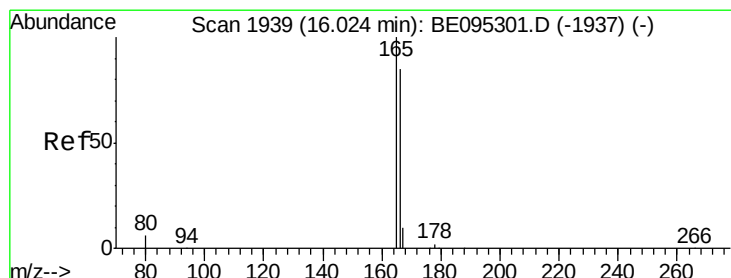
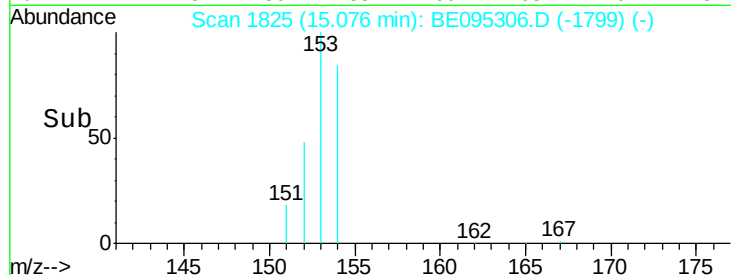
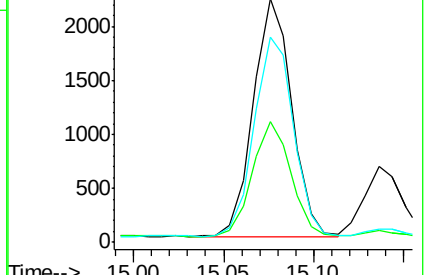
154 84.5 72.0 108.0



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



#9

Fluorene

Concen: 0.077 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095306.D

Acq: 31 Jan 2018 8:25

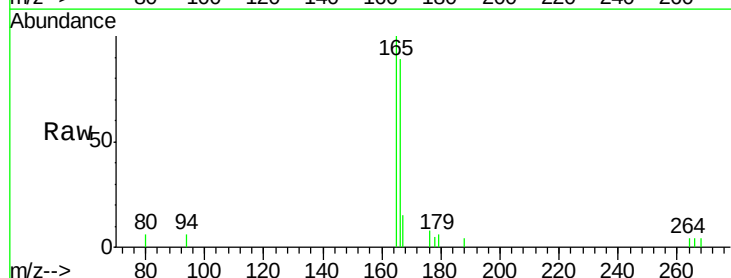
Tgt Ion:166 Resp: 1641

Ion Ratio Lower Upper

166 100

165 112.1 73.4 110.2#

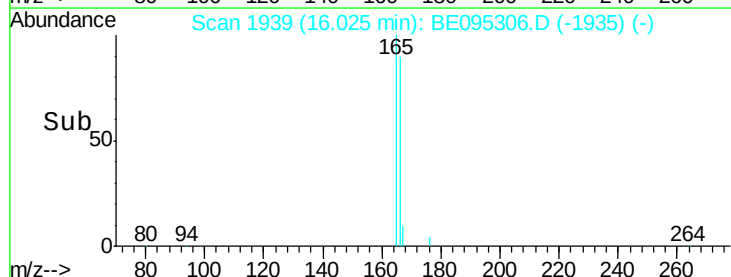
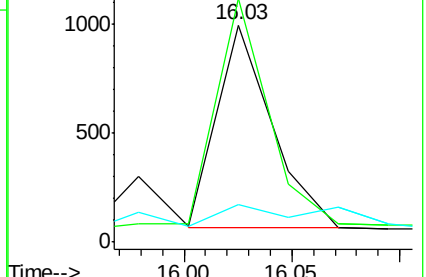
167 17.2 14.6 22.0

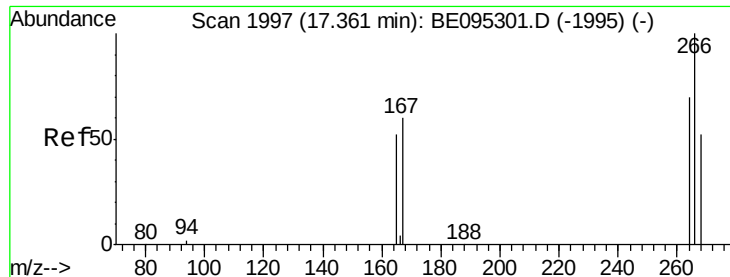


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

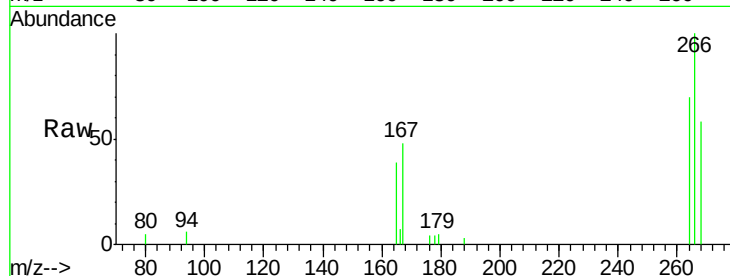




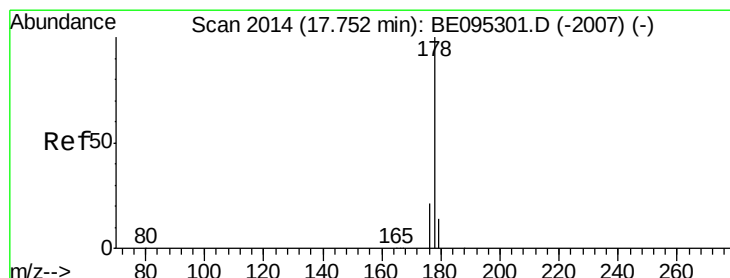
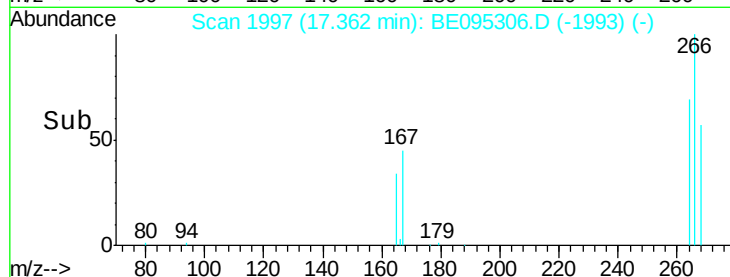
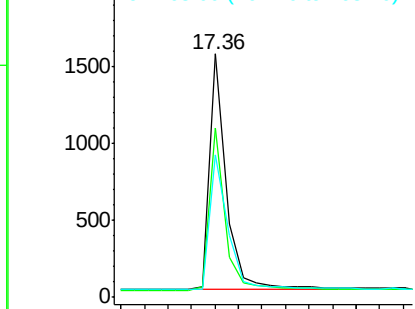
#11
 Pentachlorophenol
 Concen: 1.348 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095306.D
 Acq: 31 Jan 2018 8:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 3044
 Ion Ratio Lower Upper
 266 100
 264 65.0 47.9 71.9
 268 63.3 49.8 74.8

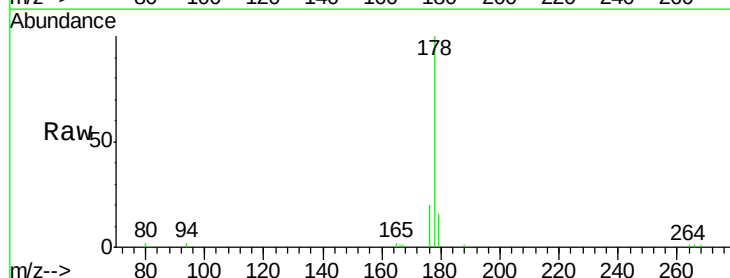


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

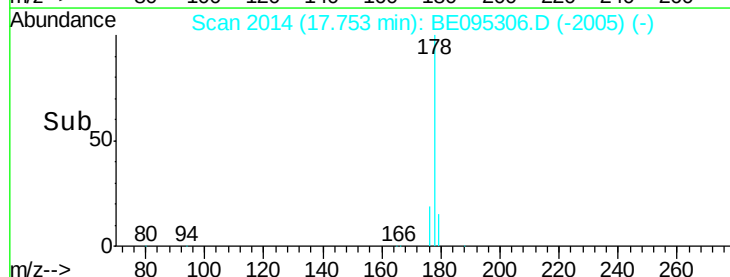
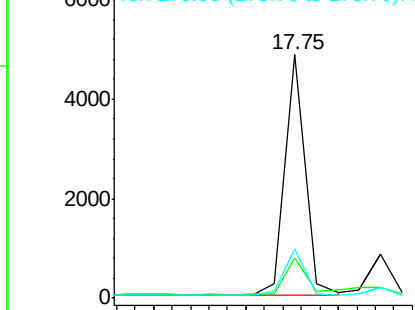


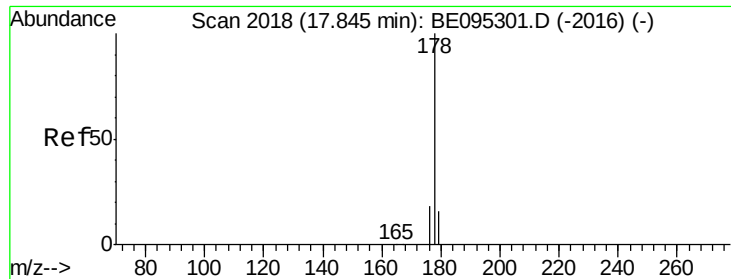
#12
 Phenanthrene
 Concen: 0.189 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE095306.D
 Acq: 31 Jan 2018 8:25

Tgt Ion:178 Resp: 7411
 Ion Ratio Lower Upper
 178 100
 179 16.2 18.4 27.6#
 176 20.2 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: 0.033 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095306.D

Acq: 31 Jan 2018 8:25

Instrument :

BNA_E

ClientSampleId :

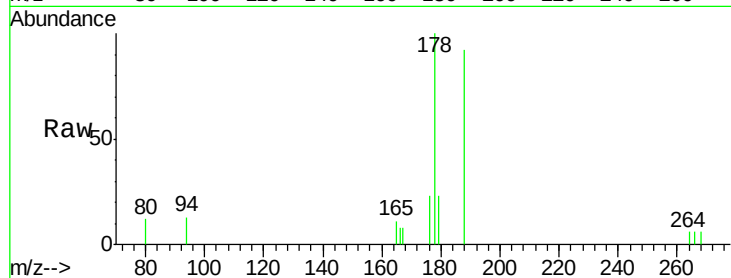
Tot Ion:178 Resp: 1189

Ion Ratio Lower Upper

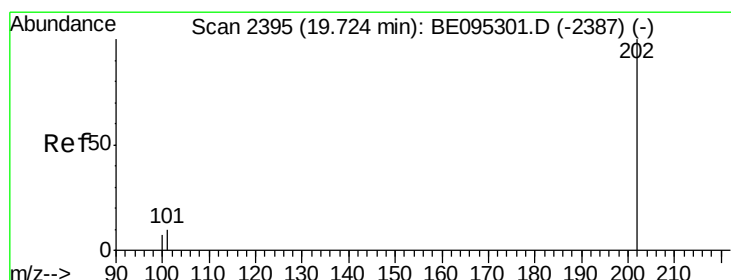
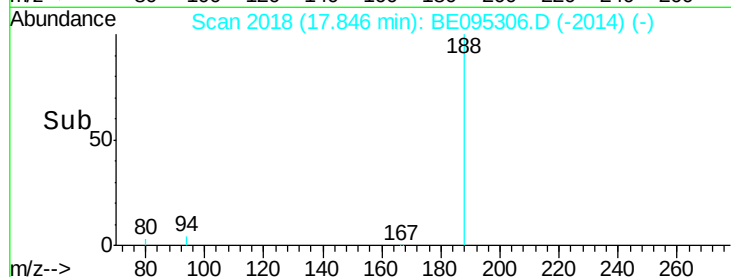
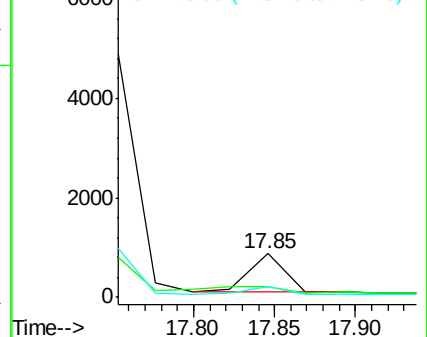
178 100

179 23.3 18.1 27.1

176 23.4 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: 0.161 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BE095306.D

Acq: 31 Jan 2018 8:25

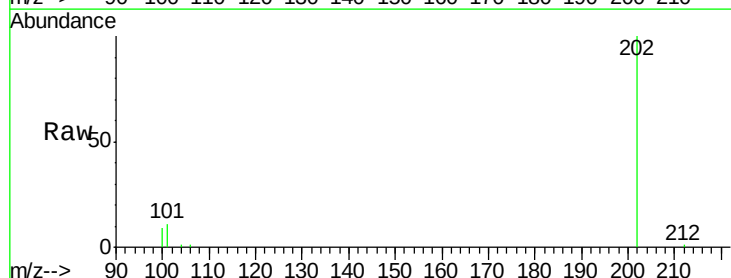
Tgt Ion:202 Resp: 8179

Ion Ratio Lower Upper

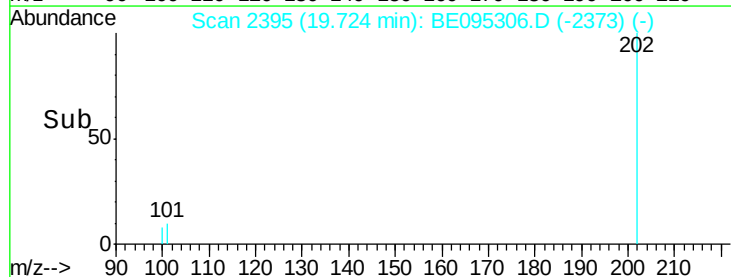
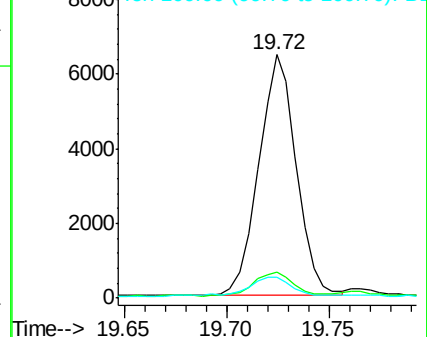
202 100

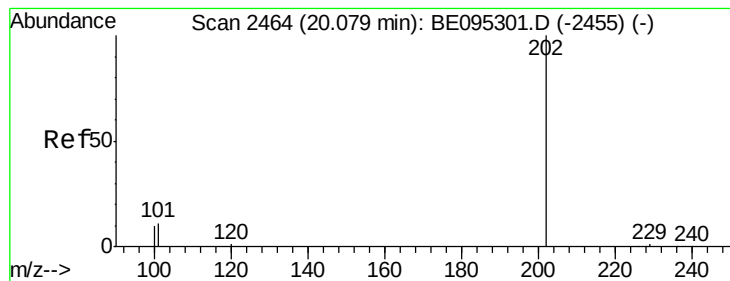
101 10.8 0.0 30.3

100 8.5 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: 0.204 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BE095306.D

Acq: 31 Jan 2018 8:25

Instrument :

BNA_E

ClientSampleId :

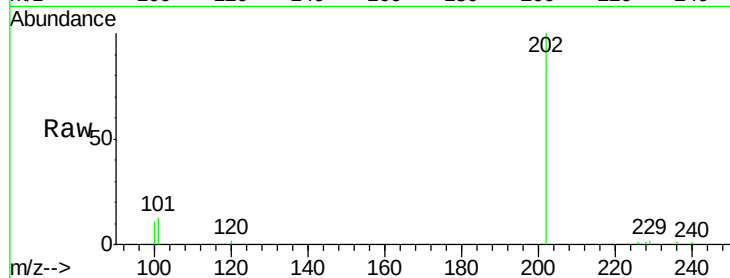
Tot Ion:202 Resp: 8287

Ion Ratio Lower Upper

202 100

101 12.6 18.2 27.4#

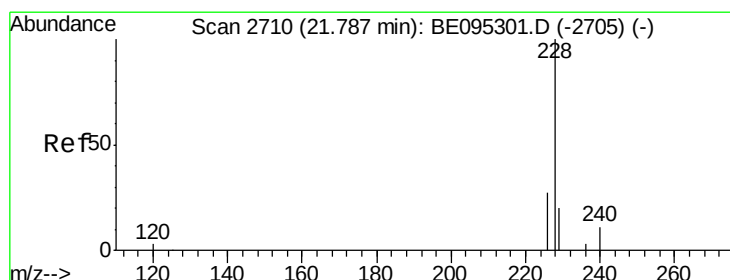
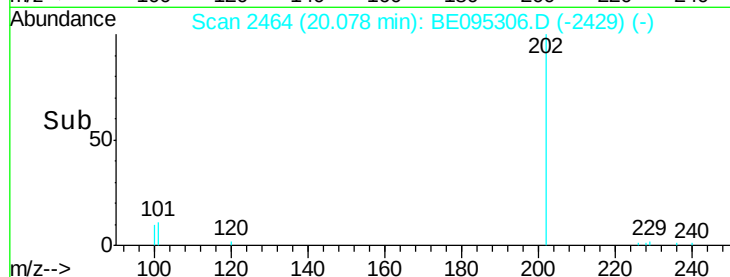
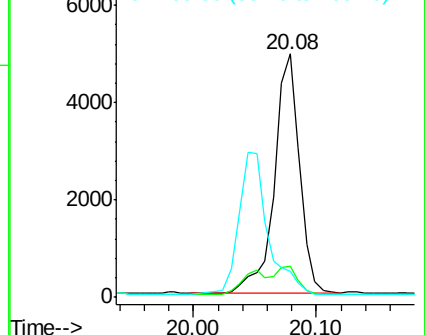
100 10.6 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 0.054 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095306.D

Acq: 31 Jan 2018 8:25

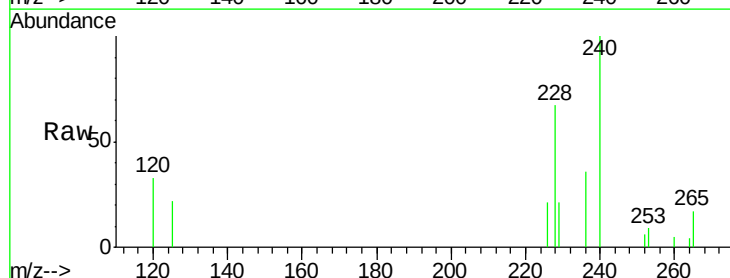
Tgt Ion:228 Resp: 2030

Ion Ratio Lower Upper

228 100

229 31.1 22.8 34.2

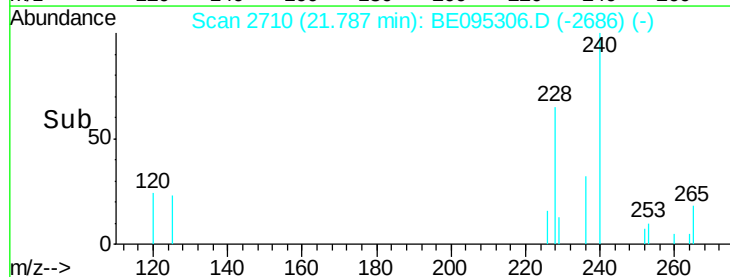
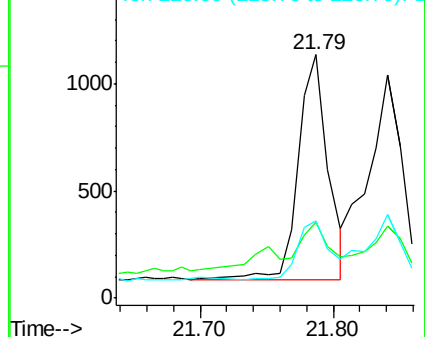
226 31.5 17.0 25.6#

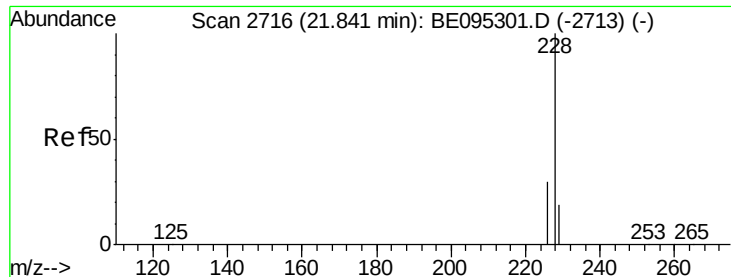


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.044 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095306.D

Acq: 31 Jan 2018 8:25

Instrument :

BNA_E

ClientSampleId :

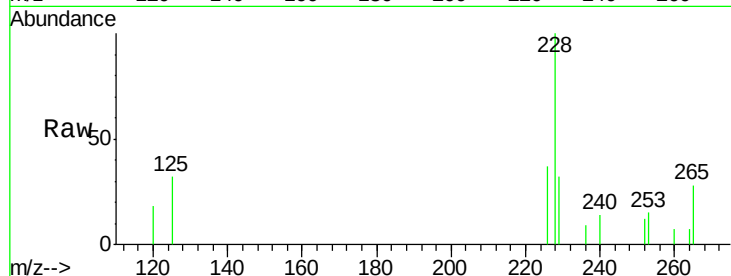
Tot Ion:228 Resp: 1732

Ion Ratio Lower Upper

228 100

226 37.3 23.4 35.0#

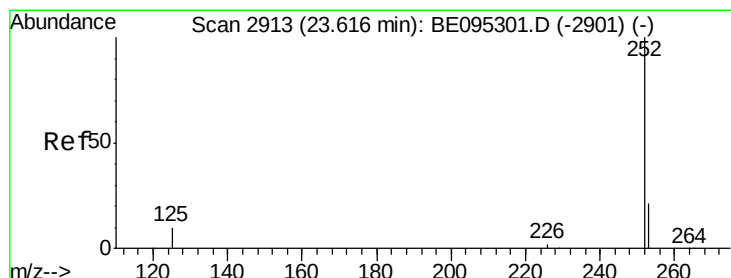
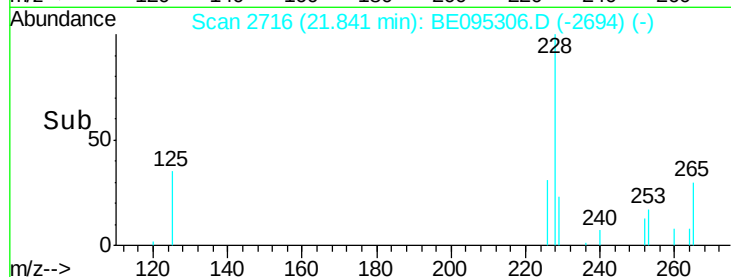
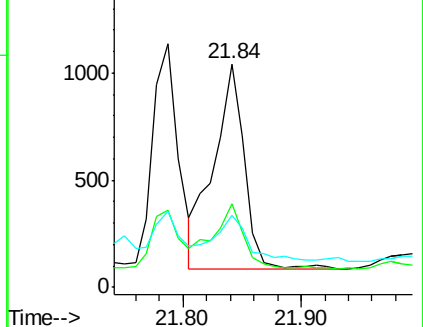
229 32.2 17.7 26.5#



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



#21

Benzo(b)fluoranthene

Concen: 0.056 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BE095306.D

Acq: 31 Jan 2018 8:25

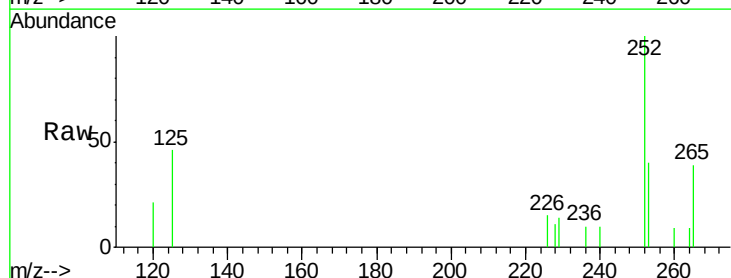
Tgt Ion:252 Resp: 2449

Ion Ratio Lower Upper

252 100

253 40.3 0.0 64.2

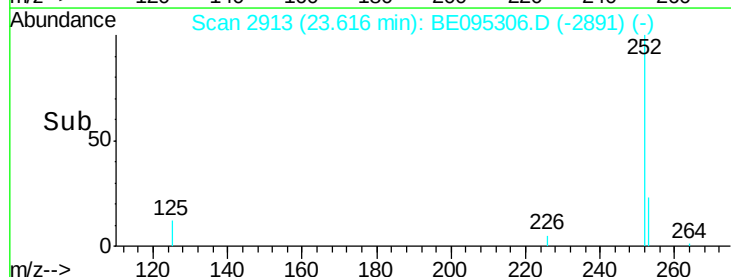
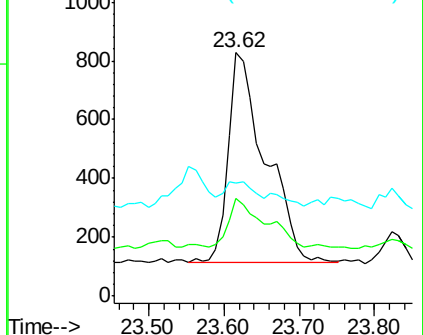
125 46.4 0.0 35.0#

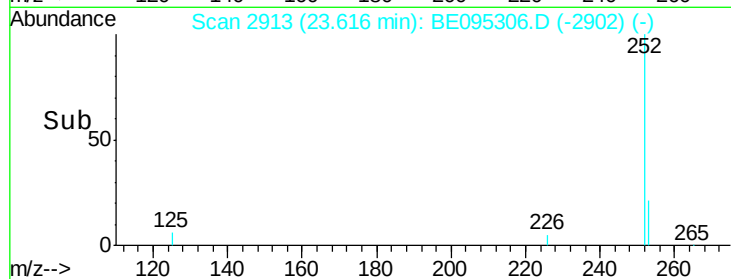
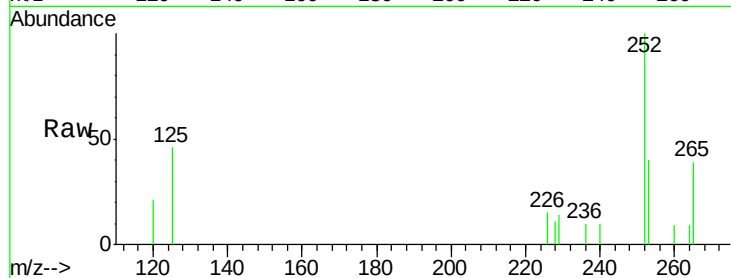
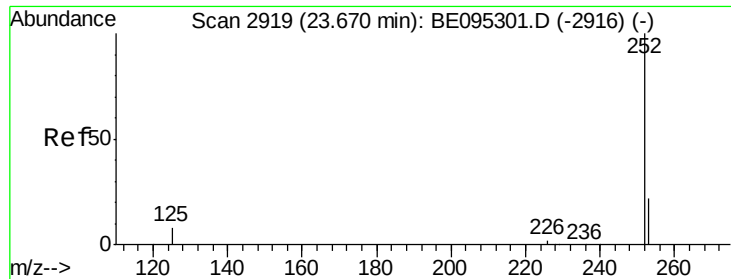


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.061 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.05 min

Lab File: BE095306.D

Acq: 31 Jan 2018 8:25

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 2449

Ion Ratio Lower Upper

252 100

253 40.3 24.5 36.7#

125 46.4 13.7 20.5#

