

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095302.D
 Acq On : 31 Jan 2018 6:01
 Operator : SJ/JU
 Sample : J1223-06DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 08:19:08 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

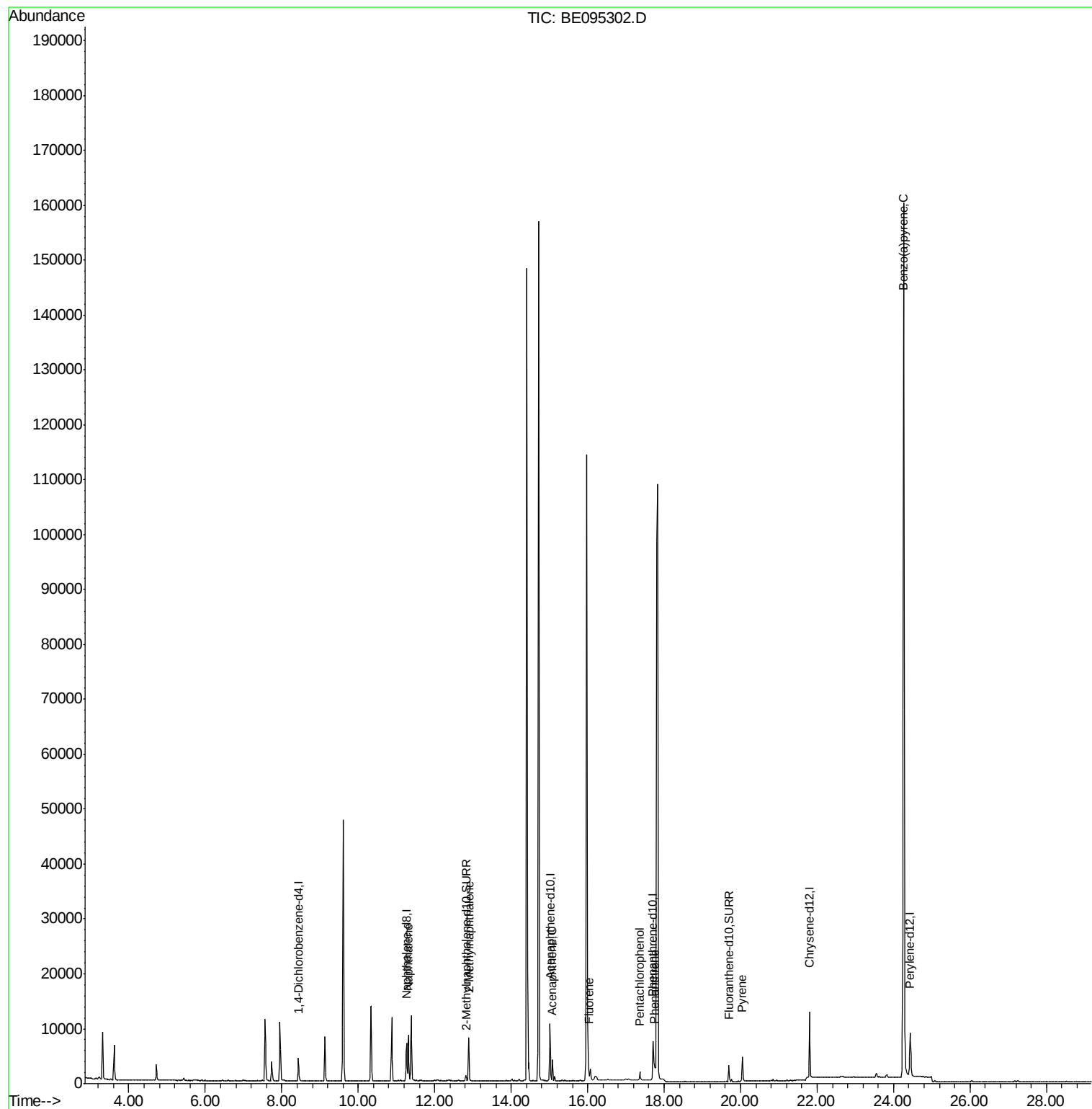
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2829	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8951	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	5531	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	11541	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11890	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	12214	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	1305	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	3351	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	11593	0.463	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	6593	0.394	ng/ul	99
8) Acenaphthene	15.07	153	2164	0.105	ng/ul	96
9) Fluorene	16.02	166	1750	0.082	ng/ul#	79
11) Pentachlorophenol	17.36	266	1038	0.464	ng/ul	96
12) Phenanthrene	17.75	178	2460	0.063	ng/ul#	89
17) Pyrene	20.05	202	917	0.023	ng/ul#	1
23) Benzo(a)pyrene	24.26	252	982	0.026	ng/ul#	41

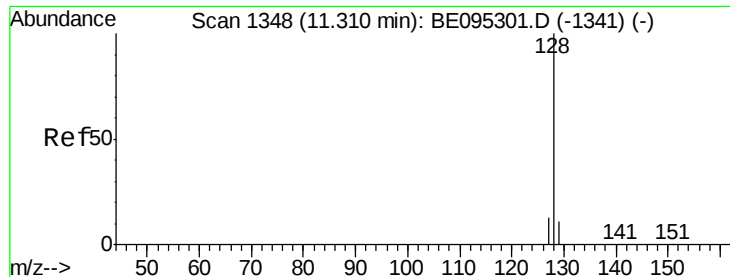
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.463 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095302.D

Acq: 31 Jan 2018 6:01

Instrument :

BNA_E

ClientSampleId :

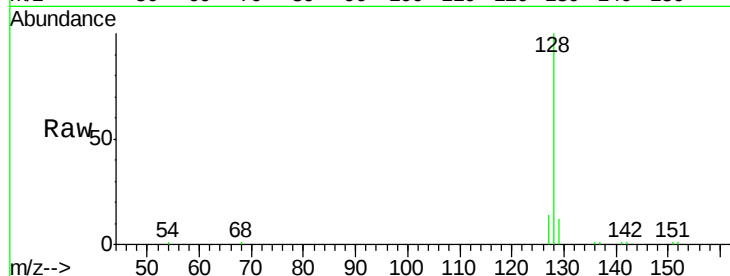
Tot Ion:128 Resp: 11593

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

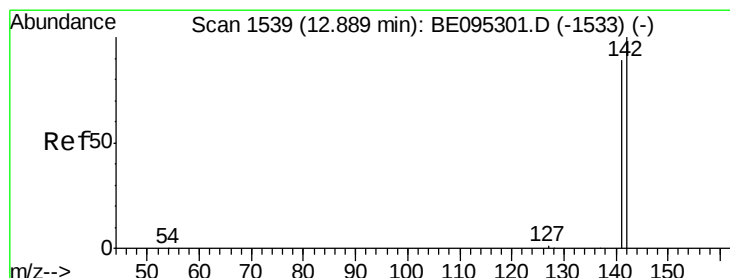
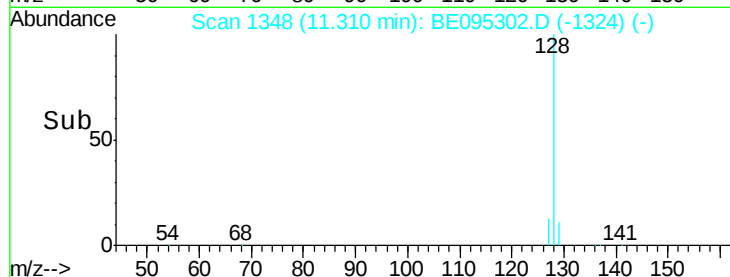
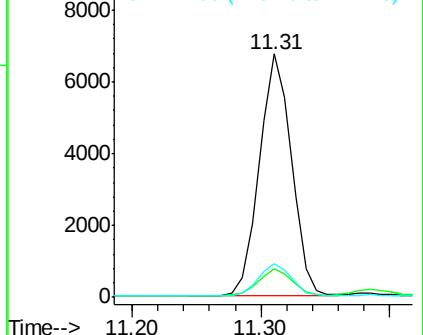
127 13.6 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.394 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095302.D

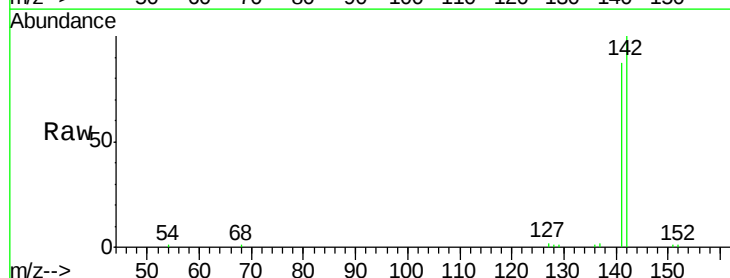
Acq: 31 Jan 2018 6:01

Tgt Ion:142 Resp: 6593

Ion Ratio Lower Upper

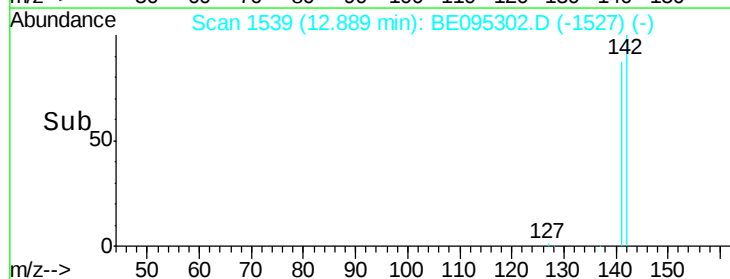
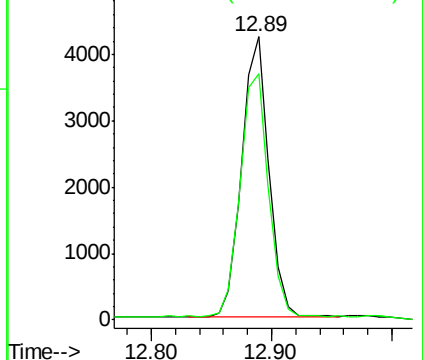
142 100

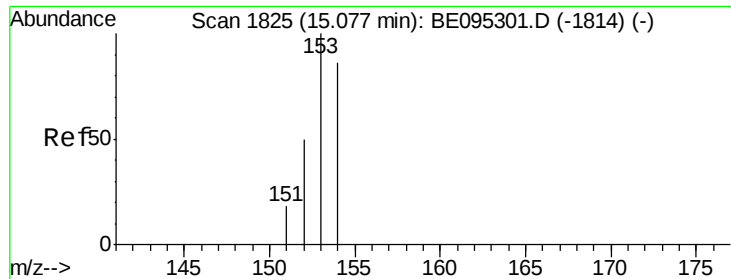
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.105 ng/ul

RT: 15.07 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095302.D

Acq: 31 Jan 2018 6:01

Instrument :

BNA_E

ClientSampleId :

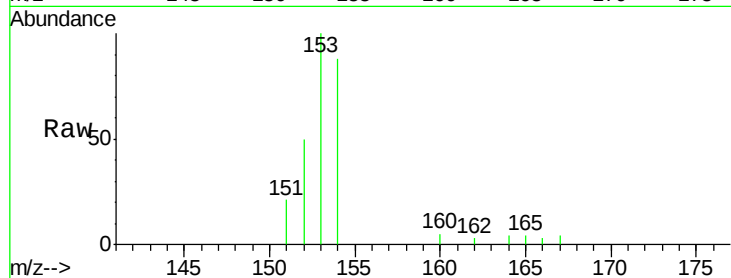
Tot Ion:153 Resp: 2164

Ion Ratio Lower Upper

153 100

152 50.0 36.0 54.0

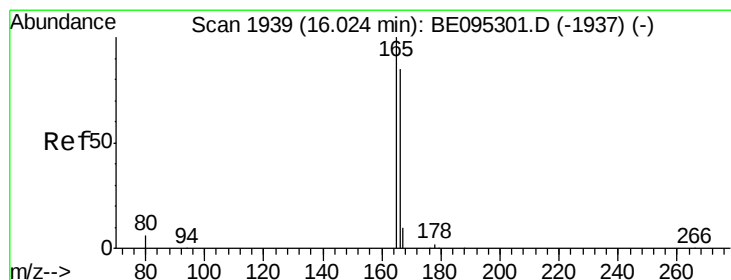
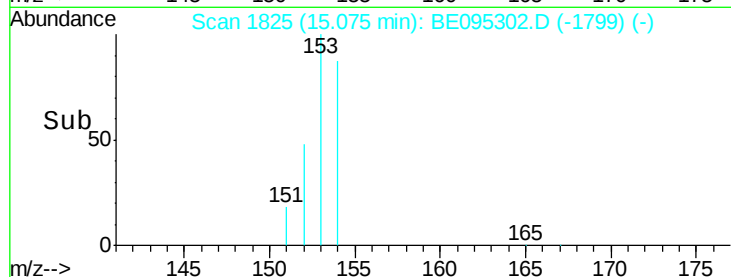
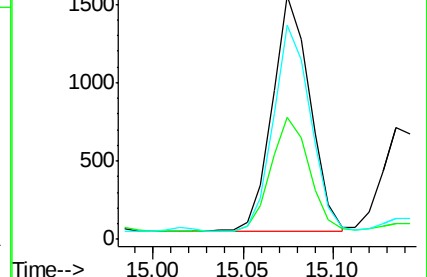
154 88.0 72.0 108.0



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: 0.082 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095302.D

Acq: 31 Jan 2018 6:01

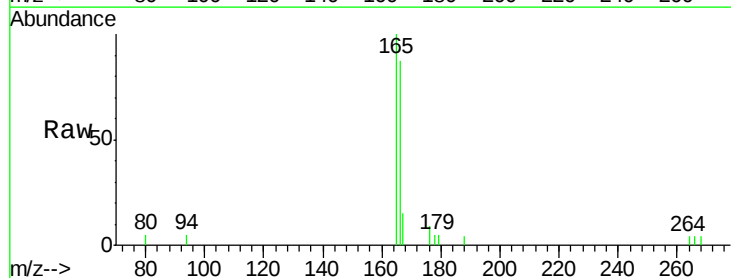
Tgt Ion:166 Resp: 1750

Ion Ratio Lower Upper

166 100

165 115.6 73.4 110.2#

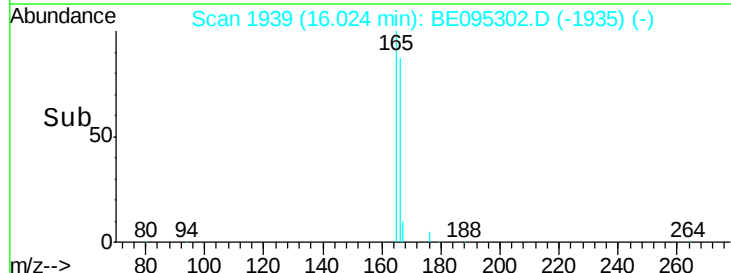
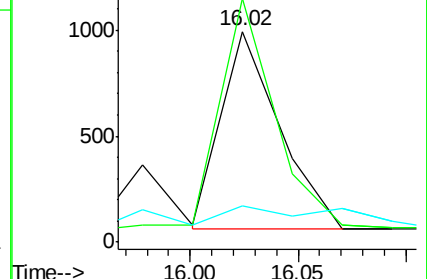
167 17.2 14.6 22.0

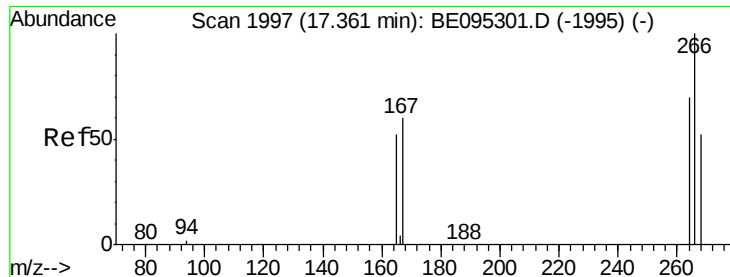


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

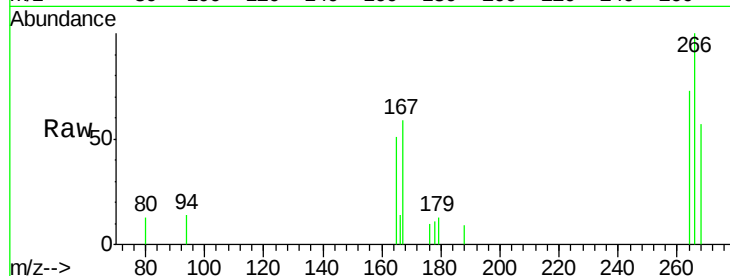




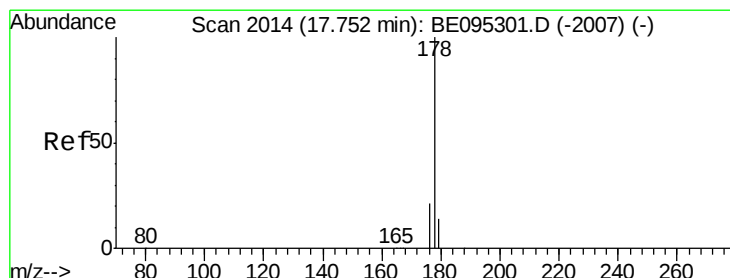
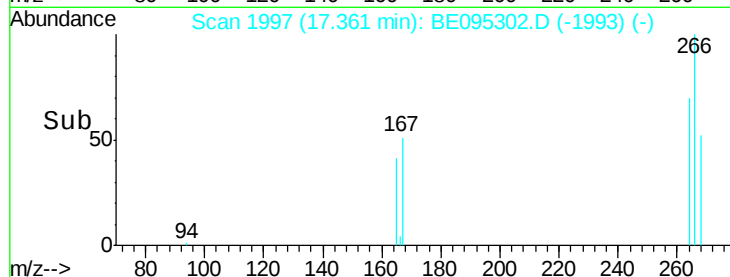
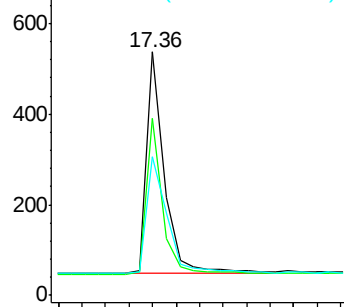
#11
 Pentachlorophenol
 Concen: 0.464 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095302.D
 Acq: 31 Jan 2018 6:01

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 1038
 Ion Ratio Lower Upper
 266 100
 264 63.4 47.9 71.9
 268 59.8 49.8 74.8

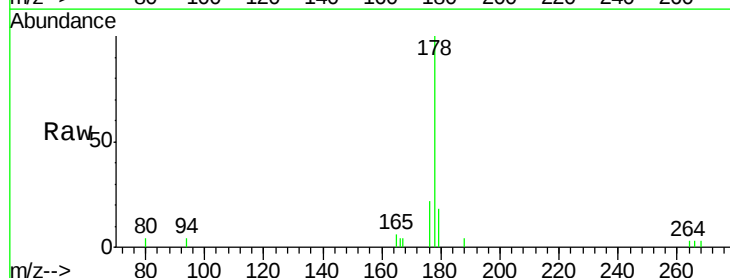


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

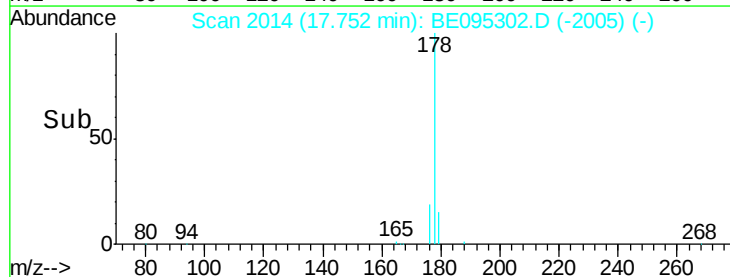
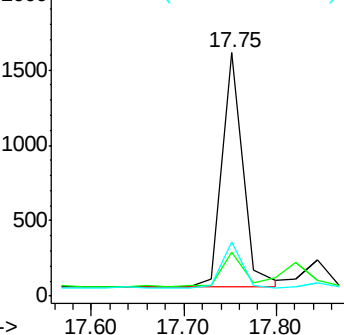


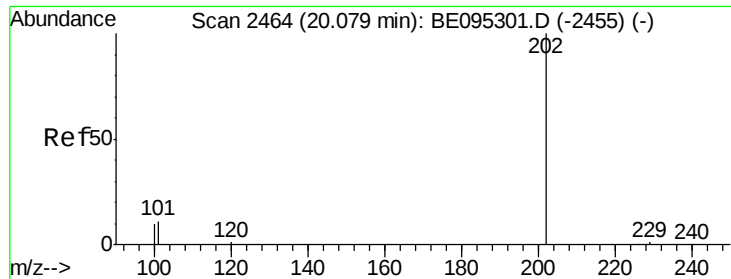
#12
 Phenanthrene
 Concen: 0.063 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE095302.D
 Acq: 31 Jan 2018 6:01

Tgt Ion:178 Resp: 2460
 Ion Ratio Lower Upper
 178 100
 179 18.2 18.4 27.6#
 176 22.1 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

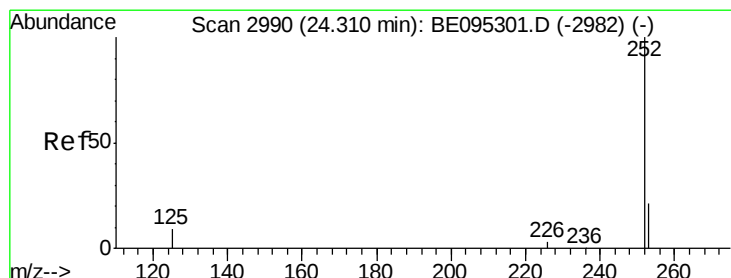
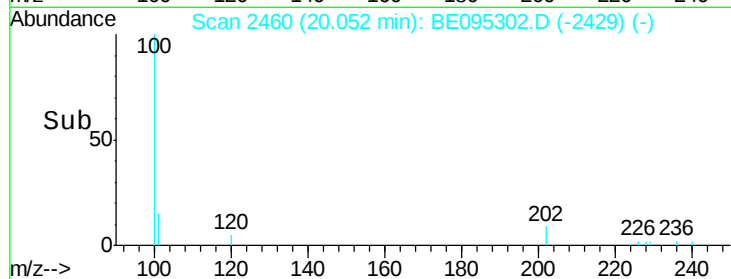
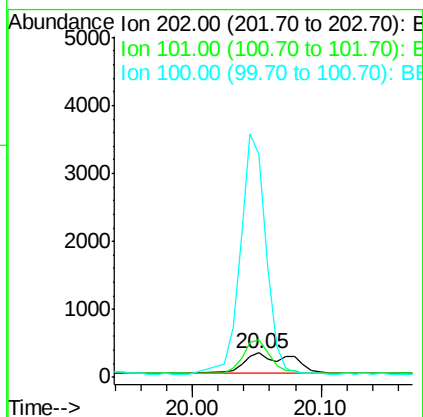
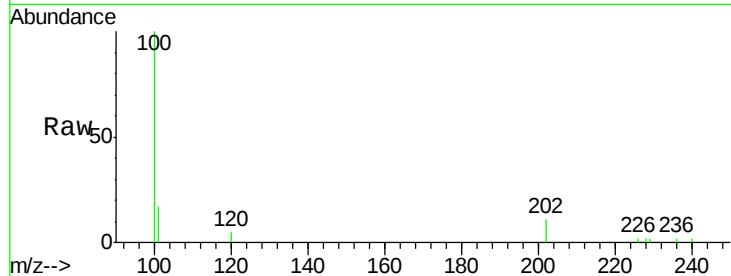




#17
Pvrene
Concen: 0.023 ng/ul
RT: 20.05 min Scan# 2460
Delta R.T. -0.03 min
Lab File: BE095302.D
Acq: 31 Jan 2018 6:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 917
Ion Ratio Lower Upper
202 100
101 155.7 18.2 27.4#
100 920.2 15.6 23.4#



#23
Benzo(a)pyrene
Concen: 0.026 ng/ul
RT: 24.26 min Scan# 2985
Delta R.T. -0.05 min
Lab File: BE095302.D
Acq: 31 Jan 2018 6:01

Tgt Ion:252 Resp: 982
Ion Ratio Lower Upper
252 100
253 57.2 28.5 42.7#
125 67.3 18.1 27.1#

