

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095282.D
 Acq On : 30 Jan 2018 13:04
 Operator : SJ/JU
 Sample : J1233-18DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 31 01:25:31 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 01:22:09 2018
 Response via : Initial Calibration

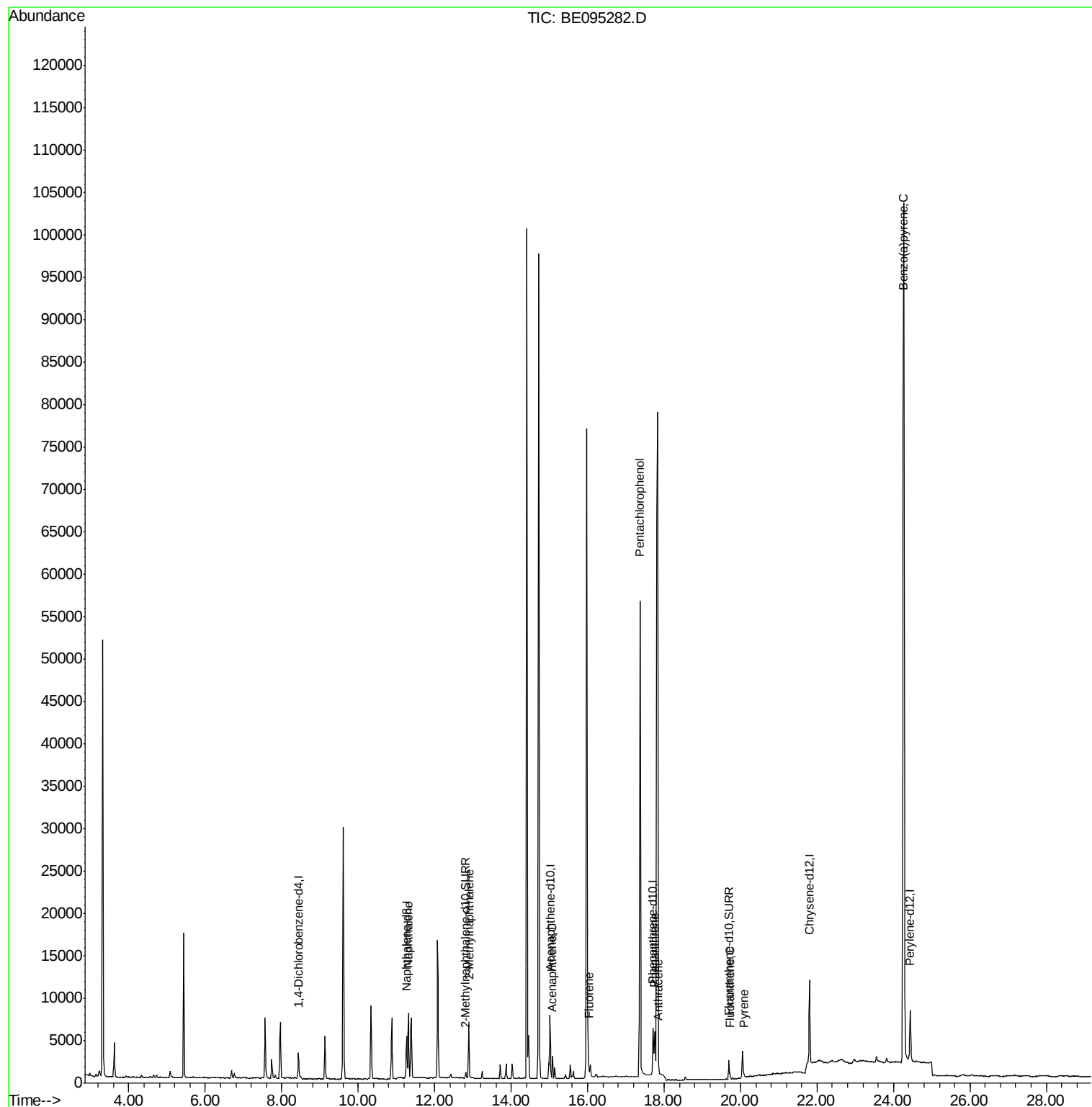
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2217	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6837	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4301	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9165	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9484	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9493	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	866	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	2428	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	10886	0.569	ng/ul#	87
5) 2-Methylnaphthalene	12.89	142	5079	0.397	ng/ul	99
8) Acenaphthene	15.08	153	1600	0.100	ng/ul	94
9) Fluorene	16.03	166	1389	0.084	ng/ul#	79
11) Pentachlorophenol	17.36	266	32541	18.331	ng/ul	96
12) Phenanthrene	17.75	178	5943	0.193	ng/ul#	89
13) Anthracene	17.85	178	630	0.022	ng/ul#	78
15) Fluoranthene	19.73	202	997	0.025	ng/ul	86
17) Pyrene	20.08	202	1030	0.032	ng/ul	97
23) Benzo(a)pyrene	24.26	252	774	0.026	ng/ul#	1

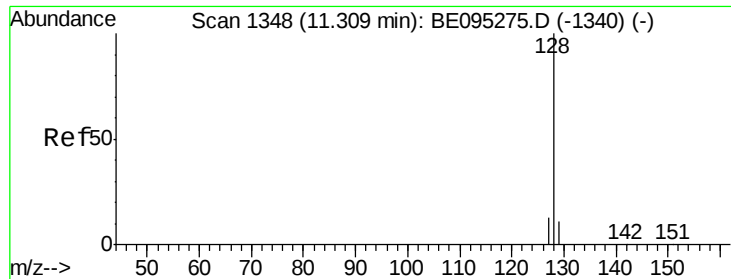
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 31 01:22:09 2018
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#3

Naphthalene

Concen: 0.569 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095282.D

Acq: 30 Jan 2018 13:04

Instrument :

BNA_E

ClientSampleId :

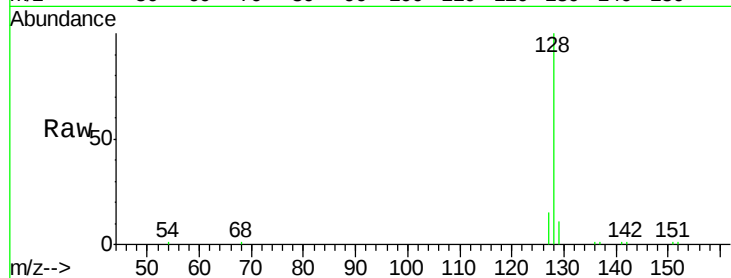
Tot Ion:128 Resp: 10886

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9

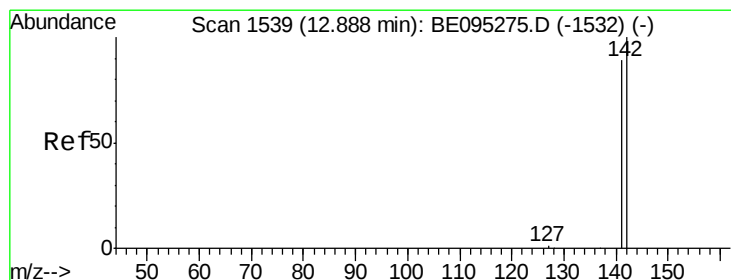
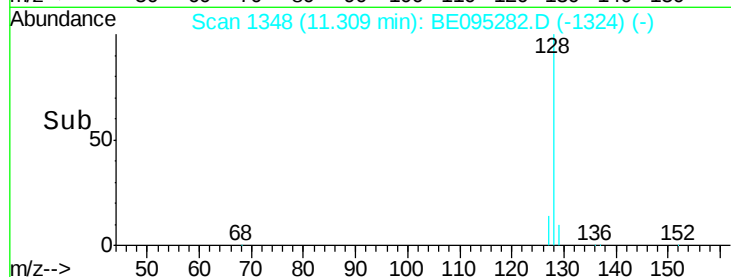
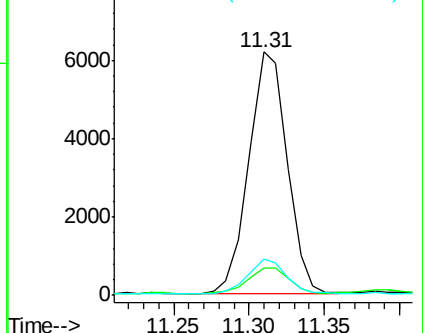
127 14.7 4.0 6.0#



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: 0.397 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095282.D

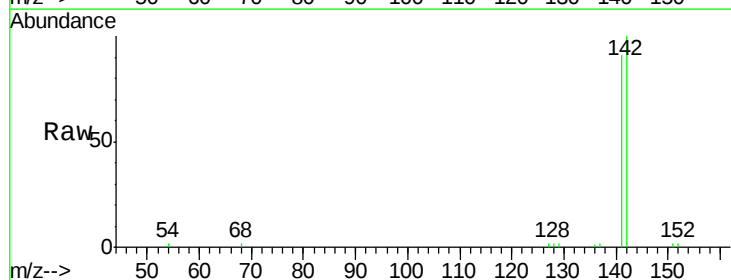
Acq: 30 Jan 2018 13:04

Tgt Ion:142 Resp: 5079

Ion Ratio Lower Upper

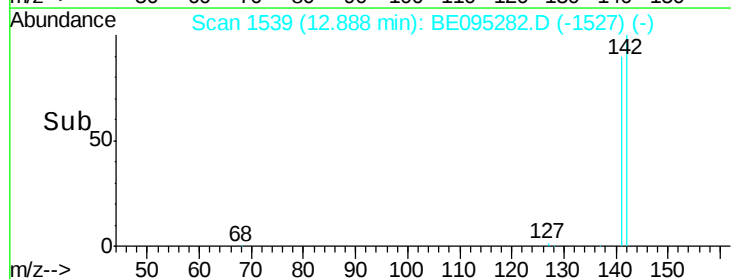
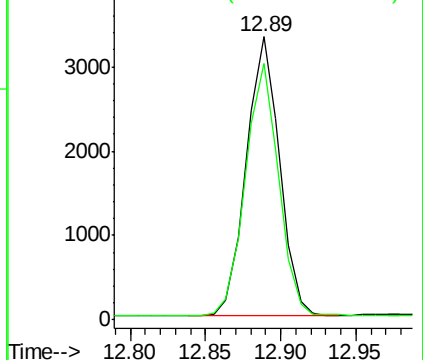
142 100

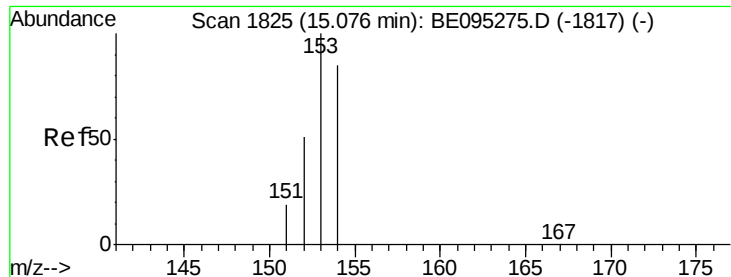
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.100 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE095282.D

Acq: 30 Jan 2018 13:04

Instrument :

BNA_E

ClientSampleId :

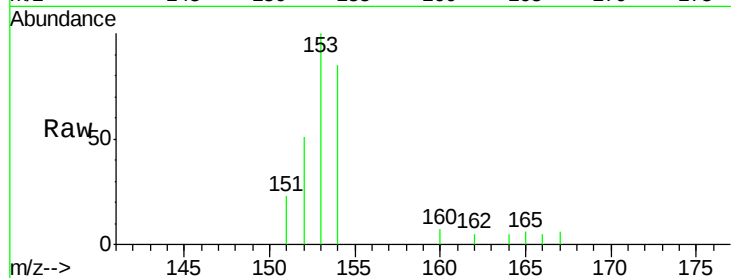
Tot Ion:153 Resp: 1600

Ion Ratio Lower Upper

153 100

152 50.9 36.0 54.0

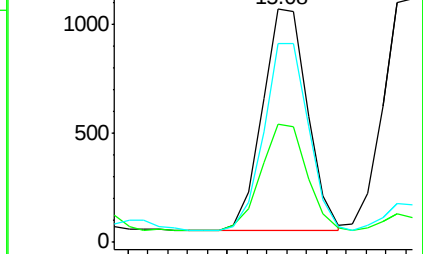
154 85.3 72.0 108.0



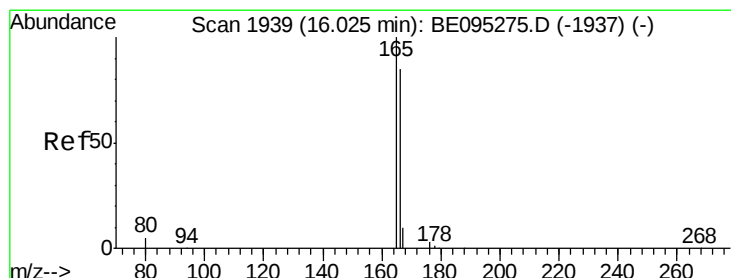
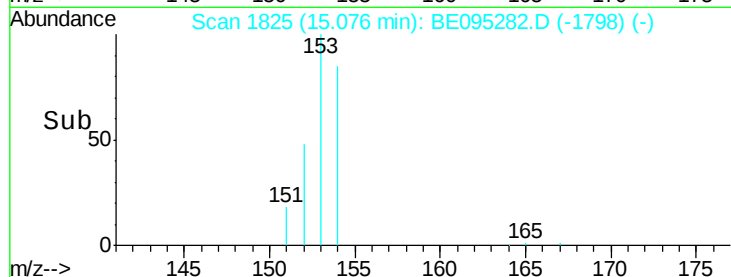
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.084 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095282.D

Acq: 30 Jan 2018 13:04

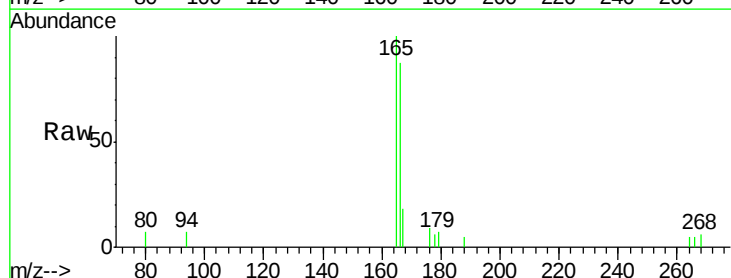
Tgt Ion:166 Resp: 1389

Ion Ratio Lower Upper

166 100

165 114.3 73.4 110.2#

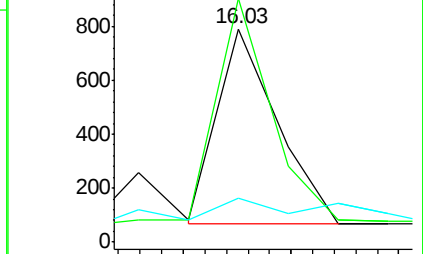
167 20.9 14.6 22.0



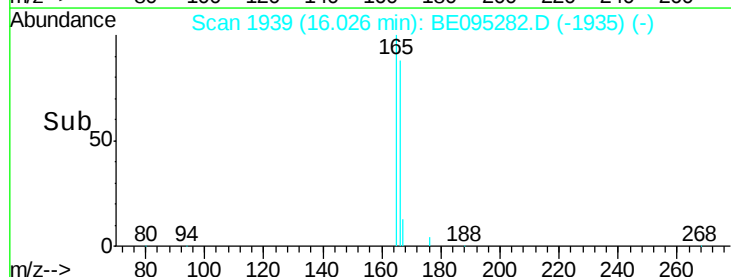
Abundance Ion 166.00 (165.70 to 166.70): E

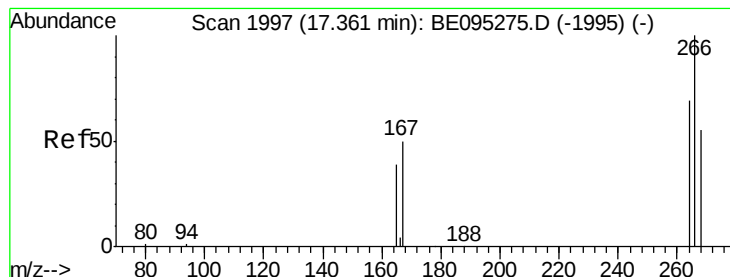
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#11

Pentachlorophenol

Concen: 18.331 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095282.D

Acq: 30 Jan 2018 13:04

Instrument :

BNA_E

ClientSampleId :

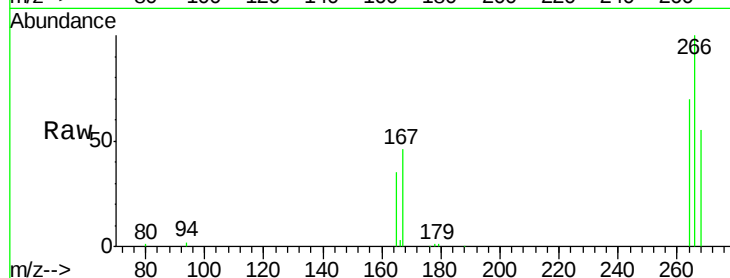
Tot Ion:266 Resp: 32541

Ion Ratio Lower Upper

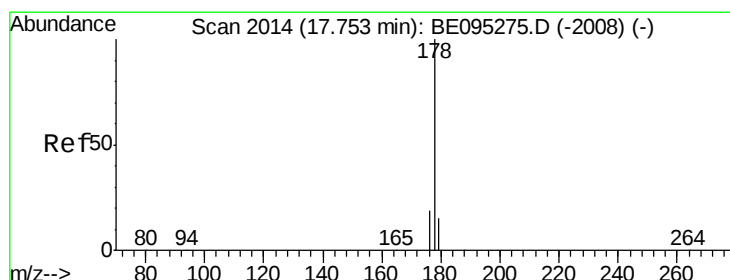
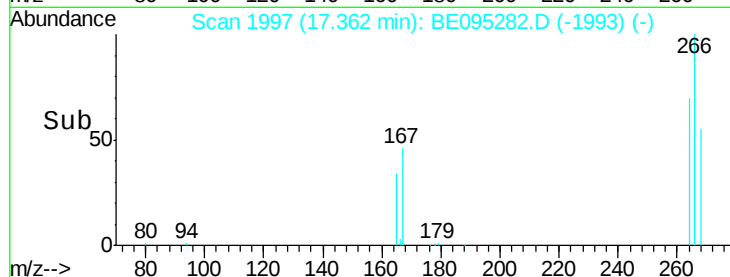
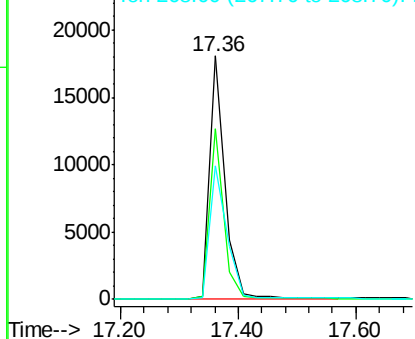
266 100

264 65.5 47.9 71.9

268 61.5 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: 0.193 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095282.D

Acq: 30 Jan 2018 13:04

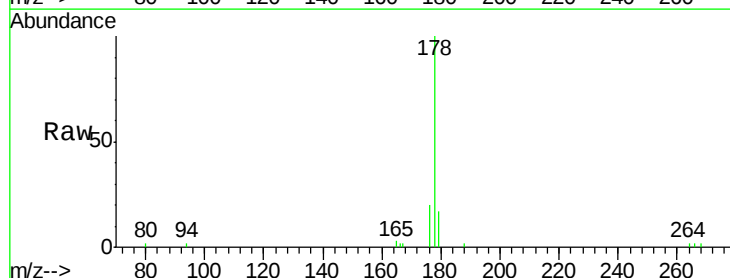
Tgt Ion:178 Resp: 5943

Ion Ratio Lower Upper

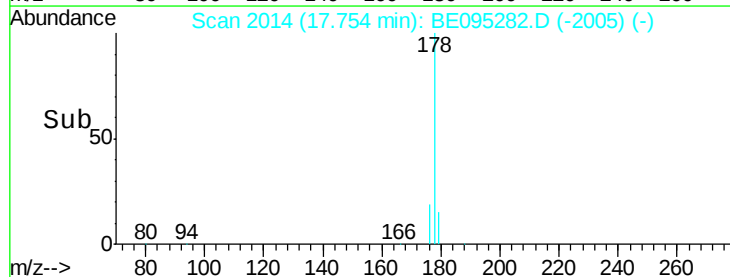
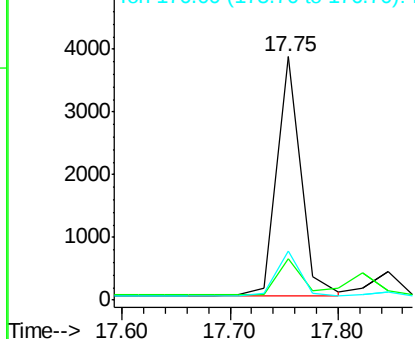
178 100

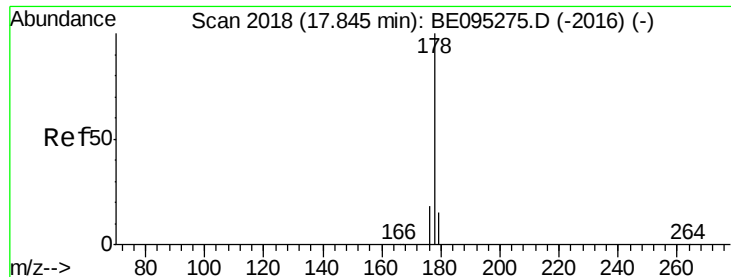
179 16.7 18.4 27.6#

176 20.4 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: 0.022 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095282.D

Acq: 30 Jan 2018 13:04

Instrument :

BNA_E

ClientSampleId :

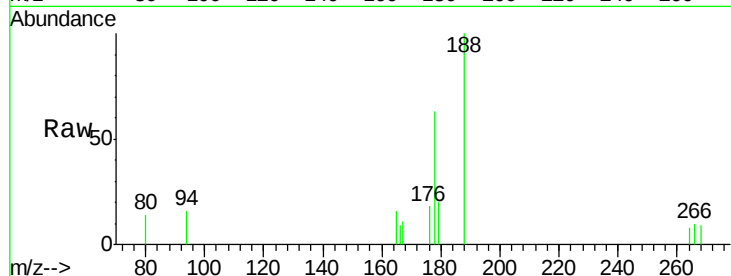
Tot Ion:178 Resp: 630

Ion Ratio Lower Upper

178 100

179 32.3 18.1 27.1#

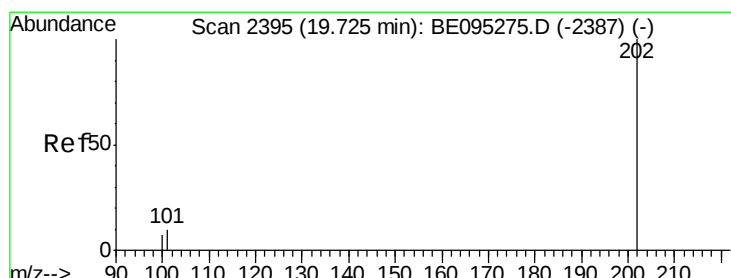
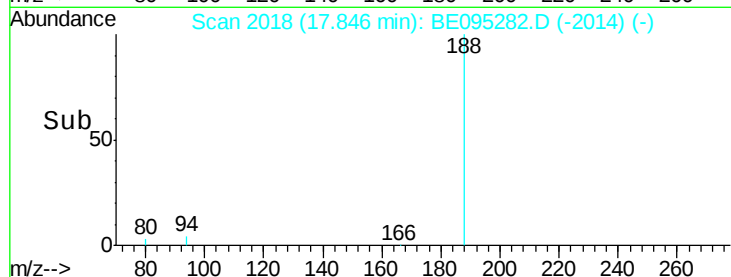
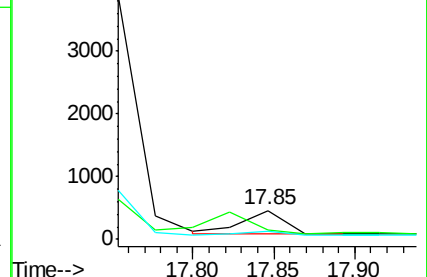
176 29.4 14.7 22.1#



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: 0.025 ng/ul

RT: 19.73 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BE095282.D

Acq: 30 Jan 2018 13:04

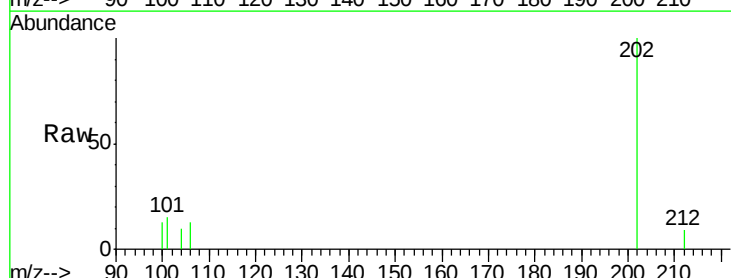
Tgt Ion:202 Resp: 997

Ion Ratio Lower Upper

202 100

101 15.3 0.0 30.3

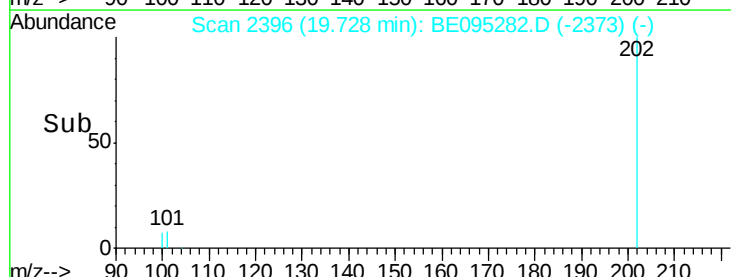
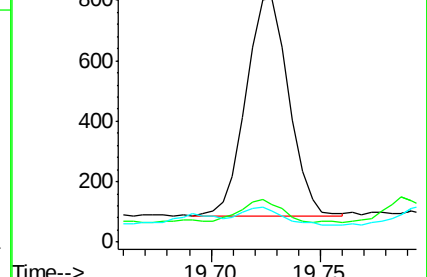
100 12.7 0.0 39.5

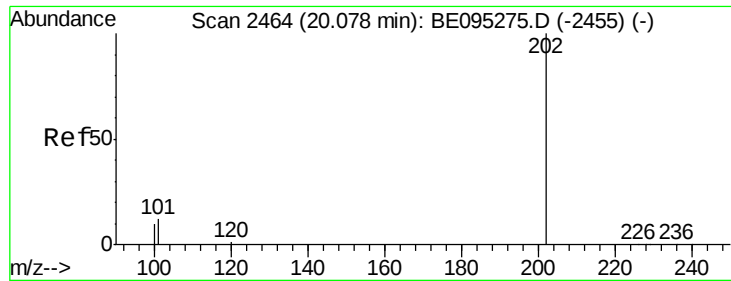


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

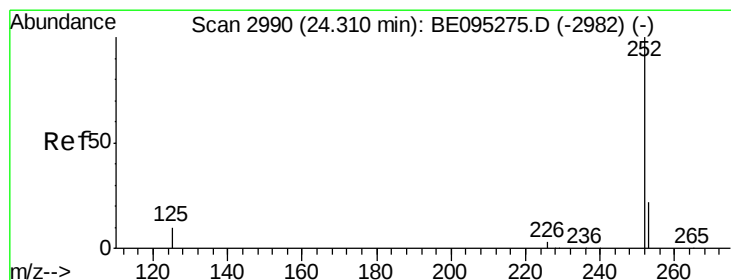
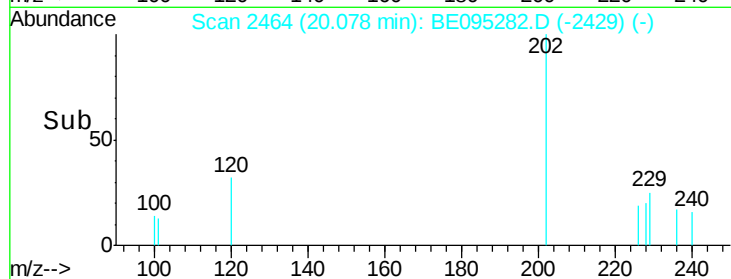
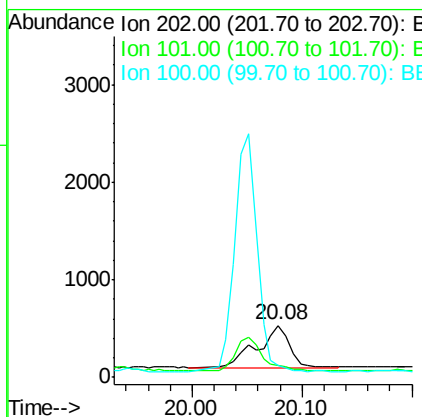
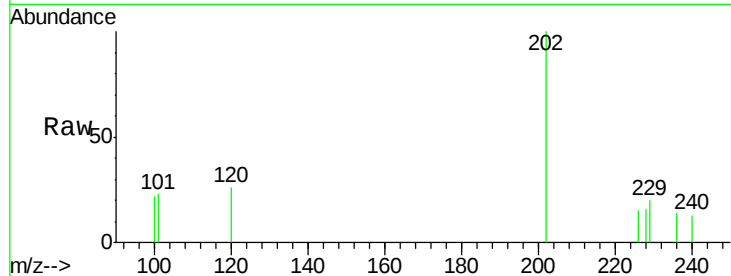




#17
Pvrene
Concen: 0.032 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095282.D
Acq: 30 Jan 2018 13:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 1030
Ion Ratio Lower Upper
202 100
101 23.0 18.2 27.4
100 22.0 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: BE095282.D
Acq: 30 Jan 2018 13:04

Tgt Ion:252 Resp: 774
Ion Ratio Lower Upper
252 100
253 83.5 28.5 42.7#
125 199.8 18.1 27.1#

