

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
 Data File : BE095202.D
 Acq On : 28 Jan 2018 12:17
 Operator : SJ/JU
 Sample : J1174-01DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 01:26:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 01:25:04 2018
 Response via : Initial Calibration

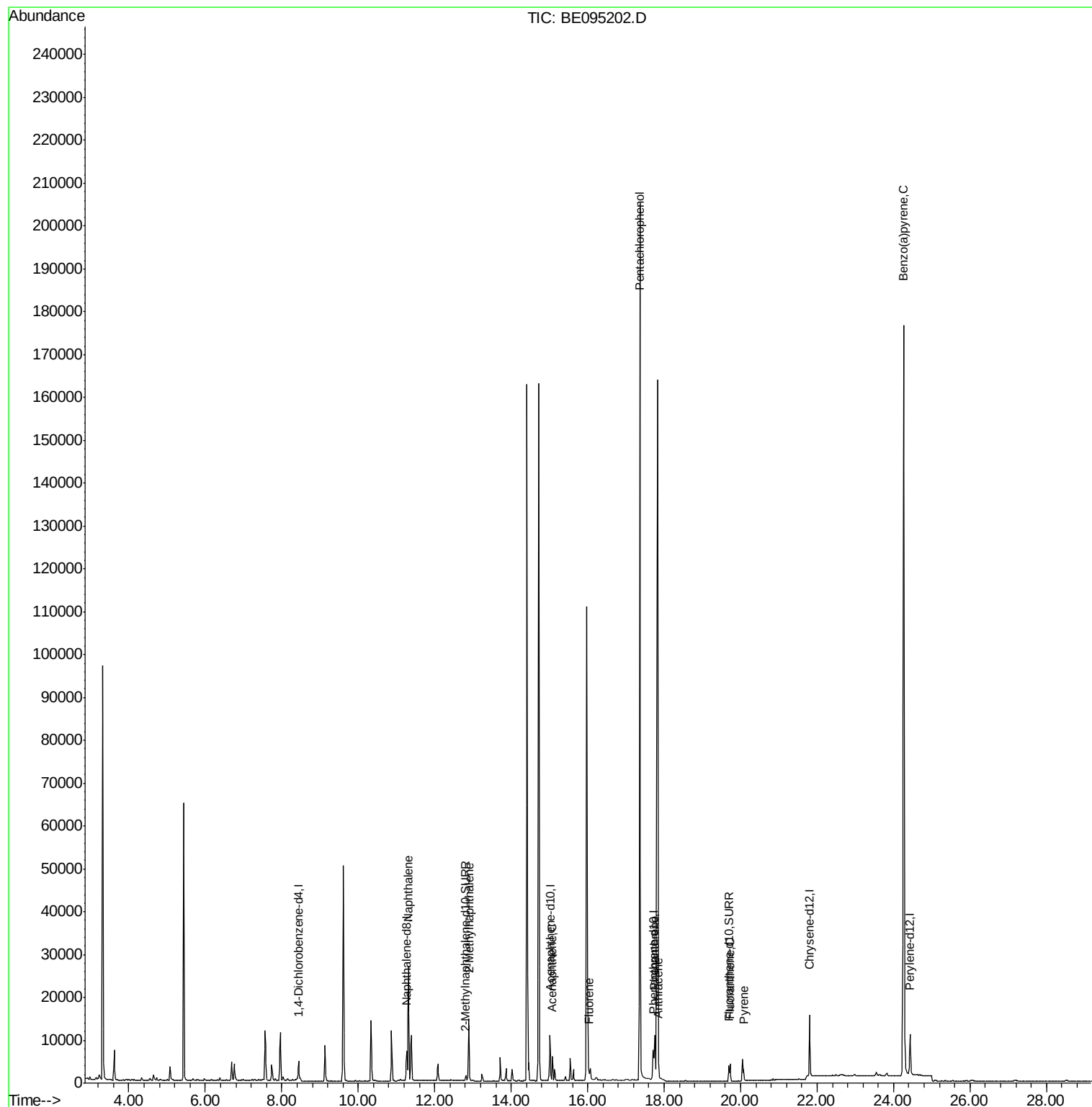
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3065	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9635	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6029	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	13332	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	14153	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	14264	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	1388	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	3890	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	38553	1.429	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	11753	0.652	ng/ul	99
8) Acenaphthene	15.08	153	3387	0.151	ng/ul	91
9) Fluorene	16.02	166	2679	0.115	ng/ul#	78
11) Pentachlorophenol	17.36	266	112751	43.664	ng/ul	96
12) Phenanthrene	17.75	178	11976	0.267	ng/ul#	86
13) Anthracene	17.84	178	1829	0.045	ng/ul#	92
15) Fluoranthene	19.72	202	4647	0.080	ng/ul	85
17) Pyrene	20.08	202	3800	0.080	ng/ul#	84
23) Benzo(a)pyrene	24.26	252	1150	0.026	ng/ul#	1

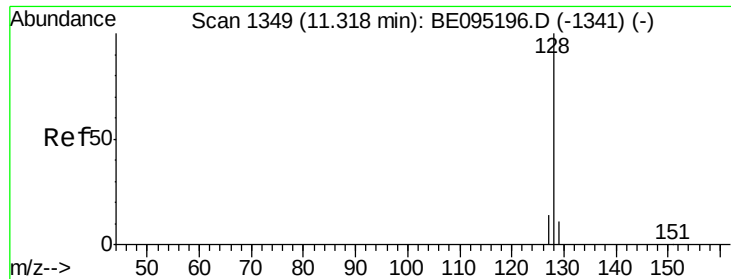
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.429 ng/ul

RT: 11.32 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BE095202.D

Acq: 28 Jan 2018 12:17

Instrument :

BNA_E

ClientSampleId :

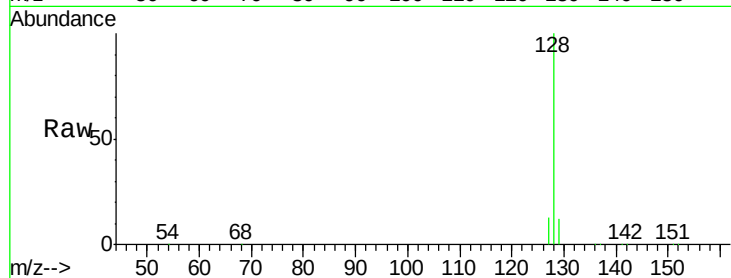
Tot Ion:128 Resp: 38553

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

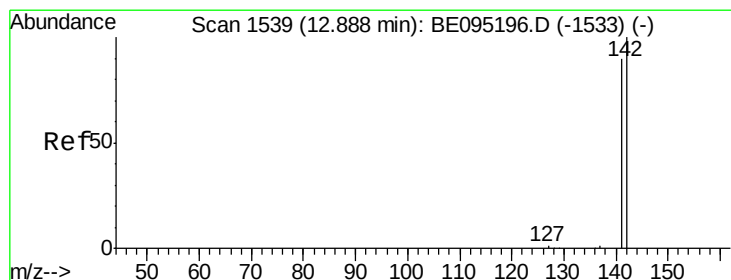
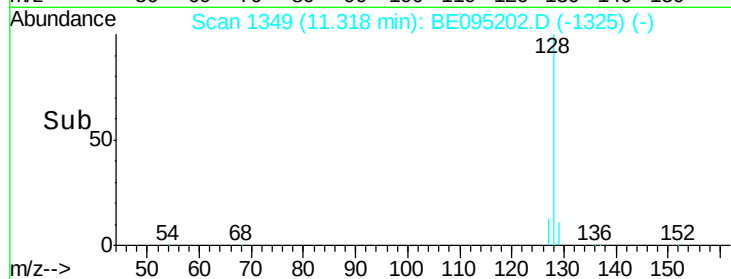
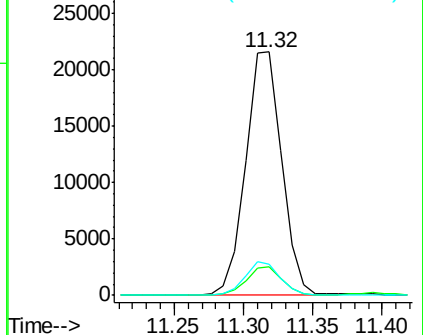
127 13.0 4.0 6.0#



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: 0.652 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095202.D

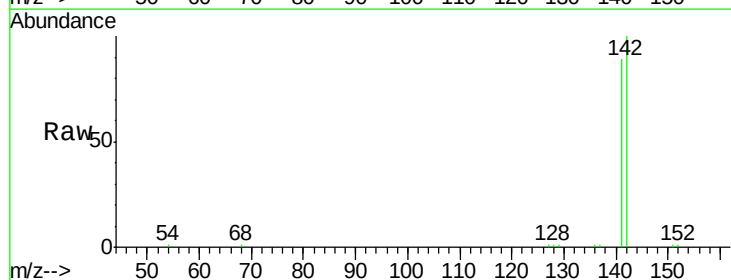
Acq: 28 Jan 2018 12:17

Tgt Ion:142 Resp: 11753

Ion Ratio Lower Upper

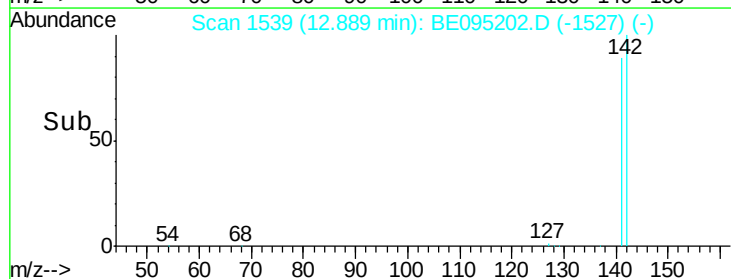
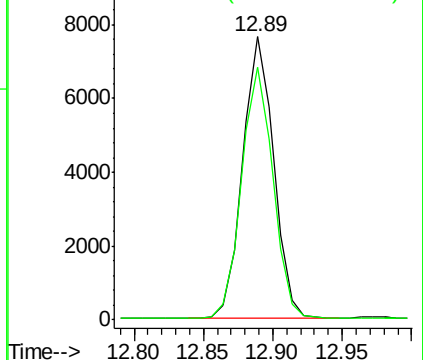
142 100

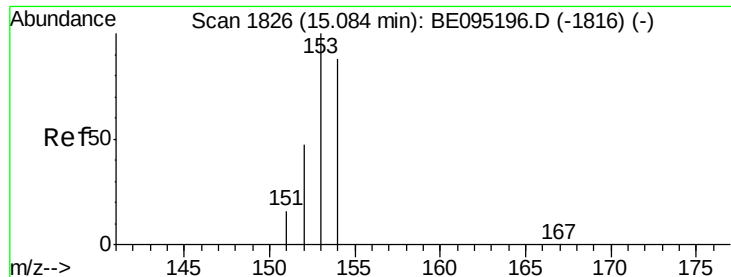
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.151 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BE095202.D

Acq: 28 Jan 2018 12:17

Instrument :

BNA_E

ClientSampleId :

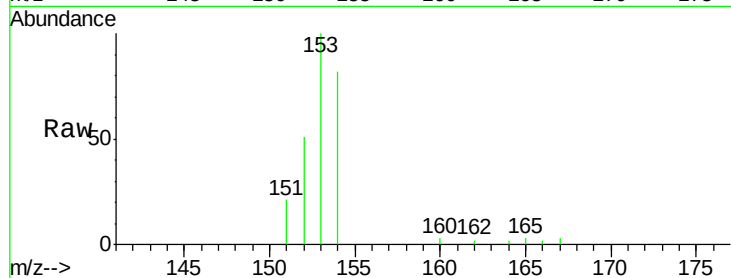
Tot Ion:153 Resp: 3387

Ion Ratio Lower Upper

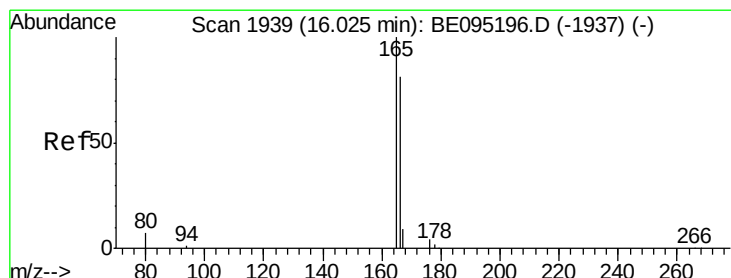
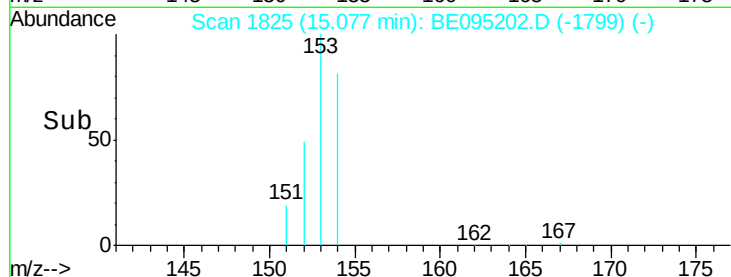
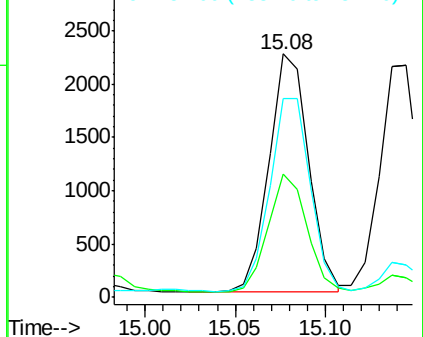
153 100

152 50.6 36.0 54.0

154 81.8 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: 0.115 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095202.D

Acq: 28 Jan 2018 12:17

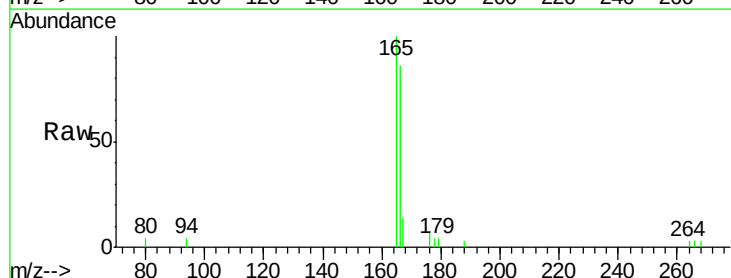
Tgt Ion:166 Resp: 2679

Ion Ratio Lower Upper

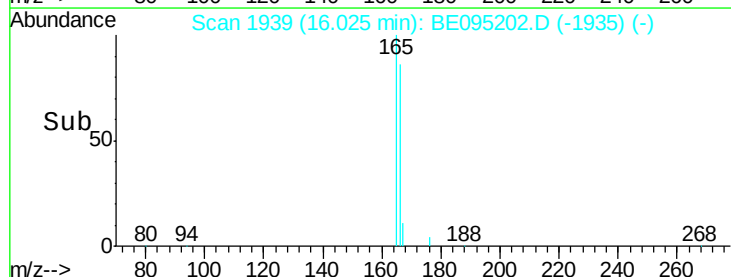
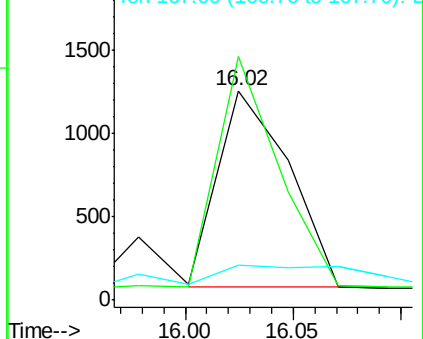
166 100

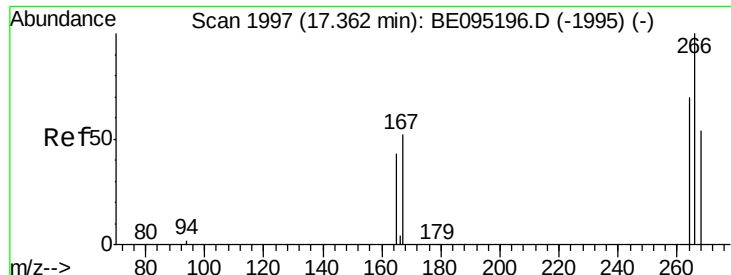
165 116.2 73.4 110.2#

167 16.8 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

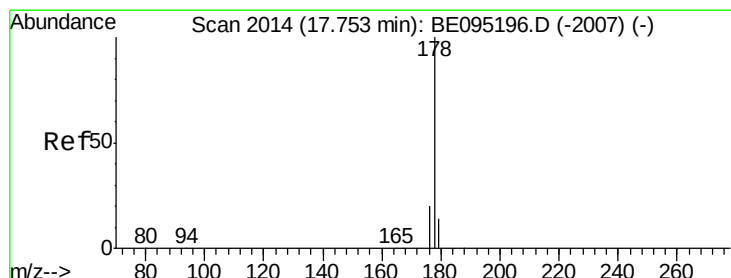
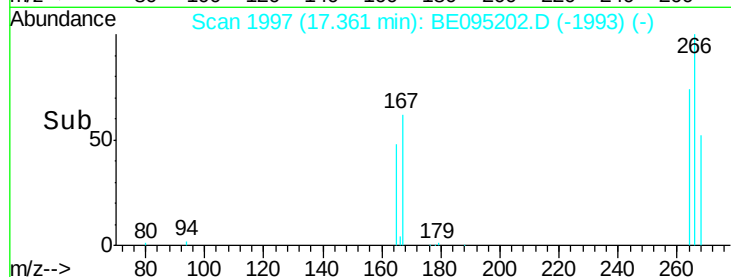
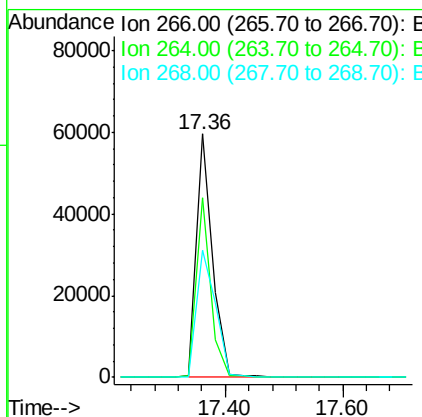
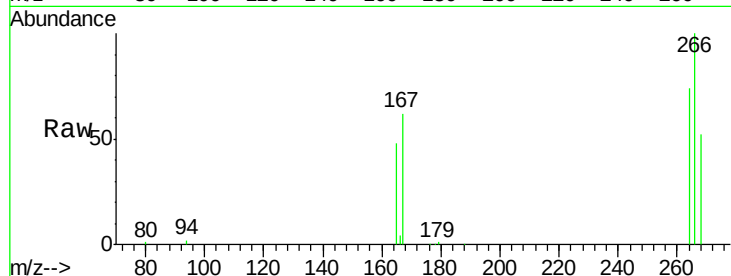




#11
 Pentachlorophenol
 Concen: 43.664 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE095202.D
 Acq: 28 Jan 2018 12:17

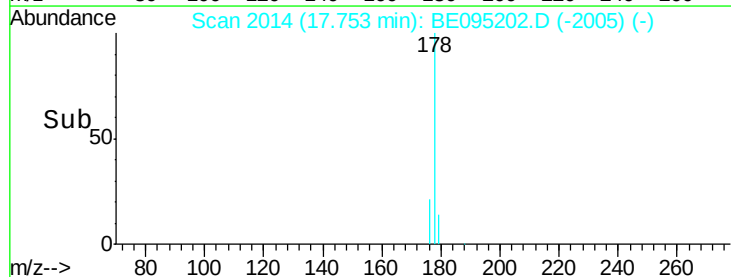
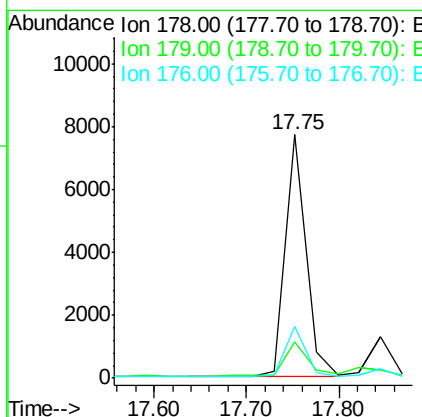
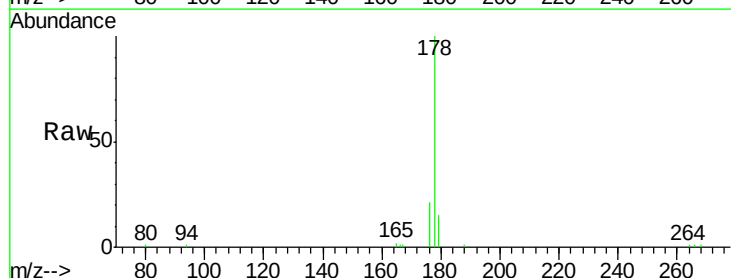
Instrument :
 BNA_E
 ClientSampleId :

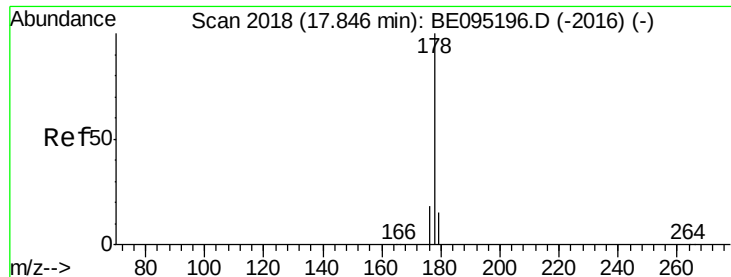
Tot Ion:266 Resp: 112751
 Ion Ratio Lower Upper
 266 100
 264 65.7 47.9 71.9
 268 61.5 49.8 74.8



#12
 Phenanthrene
 Concen: 0.267 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BE095202.D
 Acq: 28 Jan 2018 12:17

Tgt Ion:178 Resp: 11976
 Ion Ratio Lower Upper
 178 100
 179 14.7 18.4 27.6#
 176 21.1 13.6 20.4#





#13

Anthracene

Concen: 0.045 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095202.D

Acq: 28 Jan 2018 12:17

Instrument :

BNA_E

ClientSampleId :

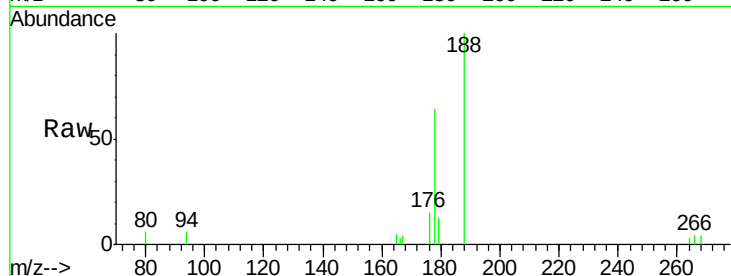
Tot Ion:178 Resp: 1829

Ion Ratio Lower Upper

178 100

179 19.6 18.1 27.1

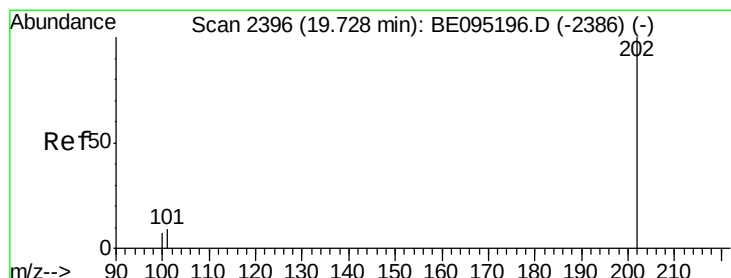
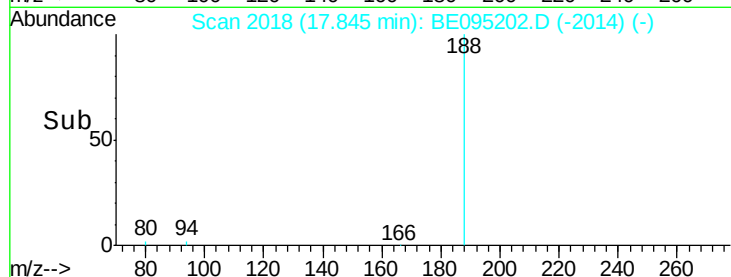
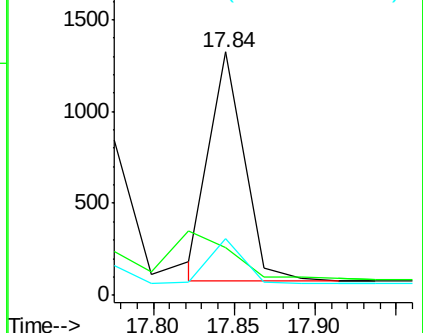
176 23.3 14.7 22.1#



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: 0.080 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095202.D

Acq: 28 Jan 2018 12:17

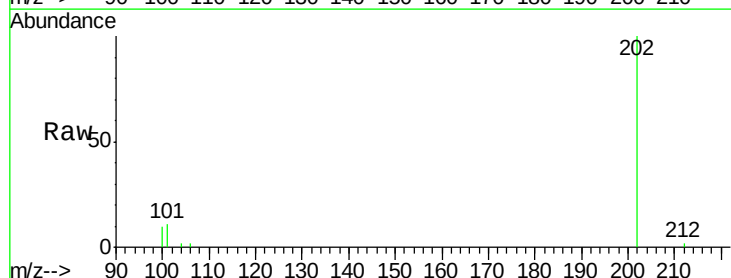
Tgt Ion:202 Resp: 4647

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

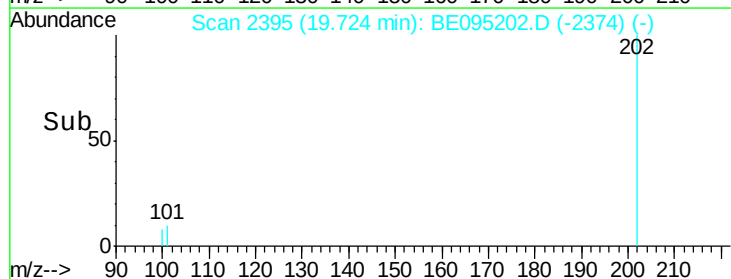
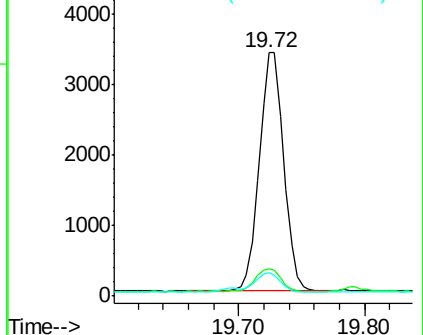
100 9.7 0.0 39.5

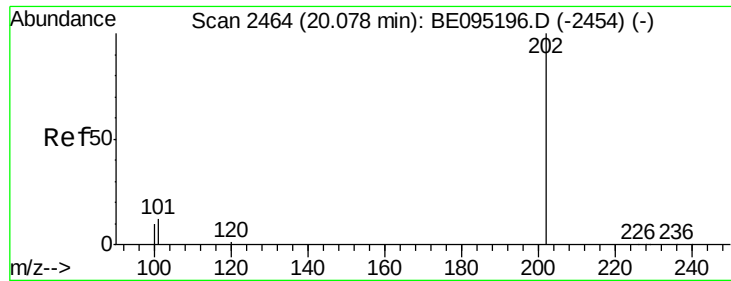


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

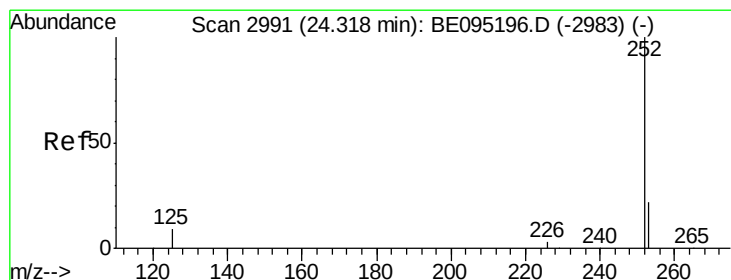
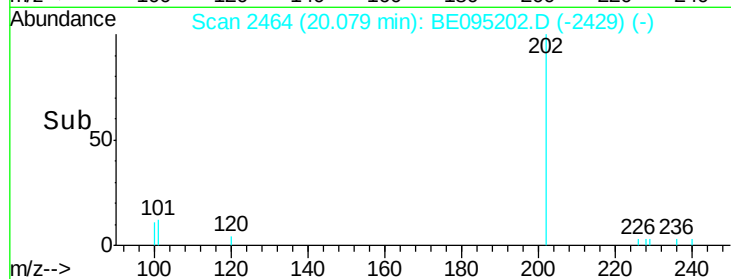
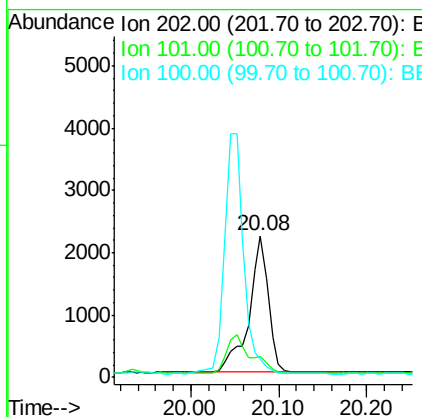
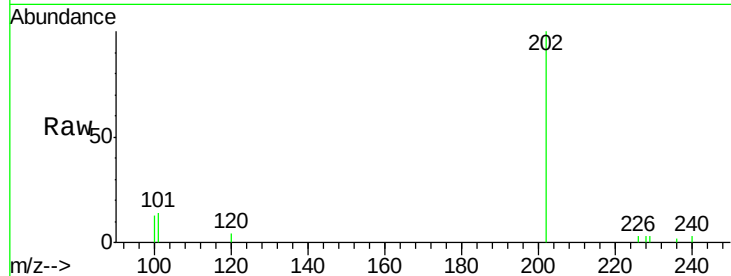




#17
Pvrene
Concen: 0.080 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095202.D
Acq: 28 Jan 2018 12:17

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 3800
Ion Ratio Lower Upper
202 100
101 14.4 18.2 27.4#
100 12.9 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: BE095202.D
Acq: 28 Jan 2018 12:17

Tgt Ion:252 Resp: 1150
Ion Ratio Lower Upper
252 100
253 62.9 28.5 42.7#
125 123.5 18.1 27.1#

