

Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095135.D
 Acq On : 26 Jan 2018 19:34
 Operator : SJ/JU
 Sample : J1174-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6A52

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:30:03 PM

Quant Time: Jan 27 01:33:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 00:35:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3226	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	9942	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6309	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	13146m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.80	240	15681	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	12716m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	5663	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	16951	0.34	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	562	0.030	ng/ul	100
8) Acenaphthene	15.08	153	922	0.039	ng/ul	91
9) Fluorene	16.03	166	957m	0.039	ng/ul	
12) Phenanthrene	17.75	178	4351	0.098	ng/ul#	88
13) Anthracene	17.85	178	1142	0.028	ng/ul#	85
15) Fluoranthene	19.72	202	2768	0.048	ng/ul	88
17) Pyrene	20.08	202	2289	0.044	ng/ul#	95
18) Benzo(a)anthracene	21.79	228	1363	0.028	ng/ul#	88

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

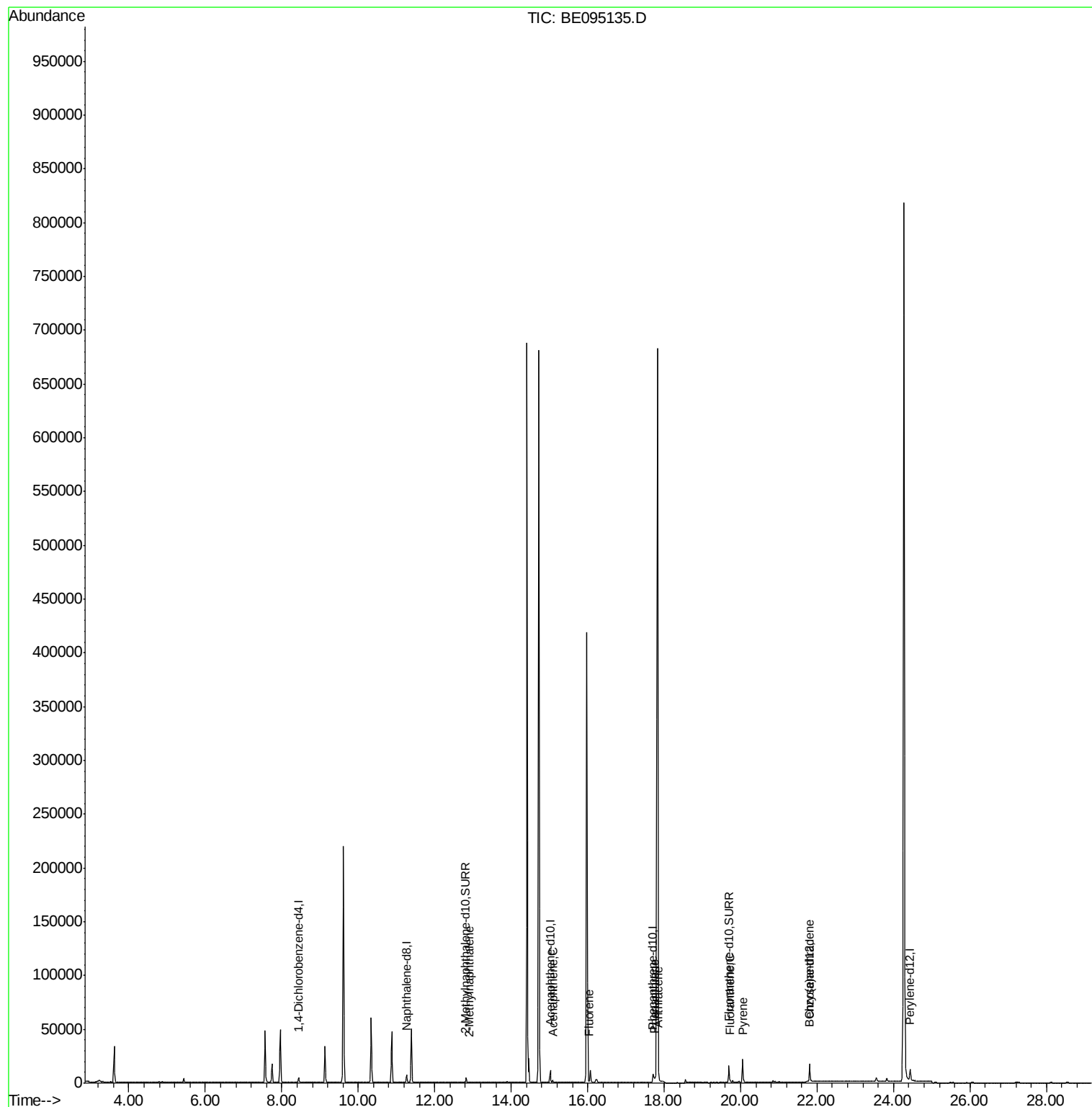
Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
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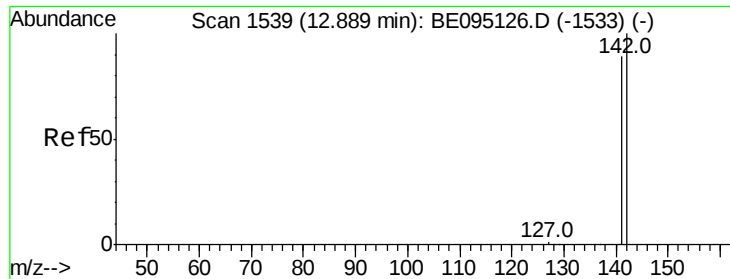
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#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095135.D

Acq: 26 Jan 2018 19:34

Instrument :

BNA_E

ClientSampleId :

F6A52

Tot Ion:142 Resp: 562

Ion Ratio Lower Upper

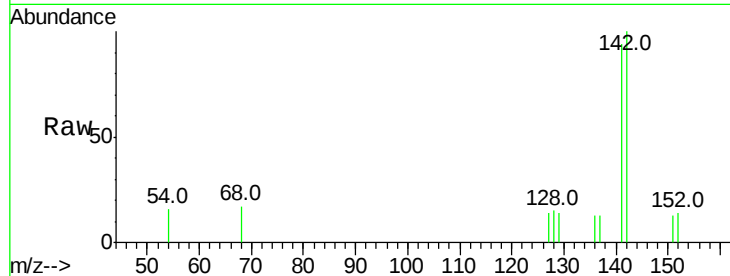
142 100

141 90.7 72.6 108.8

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.89

400

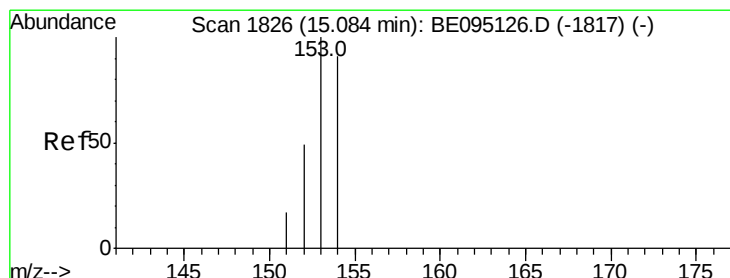
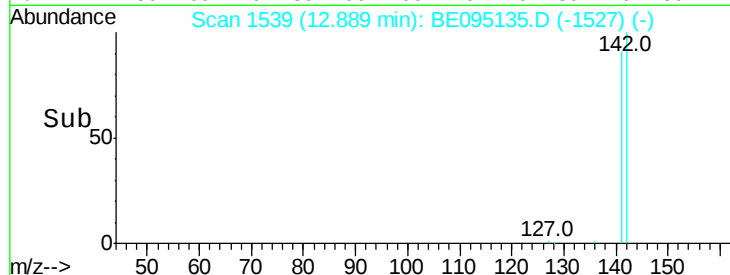
300

200

100

0

Time--> 12.80 12.85 12.90 12.95



#8

Acenaphthene

Concen: 0.039 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BE095135.D

Acq: 26 Jan 2018 19:34

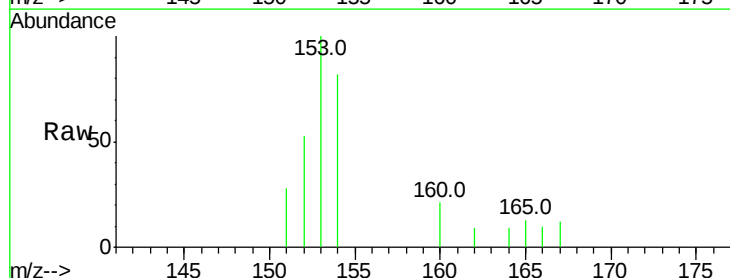
Tgt Ion:153 Resp: 922

Ion Ratio Lower Upper

153 100

152 52.8 36.0 54.0

154 82.2 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

15.08

800

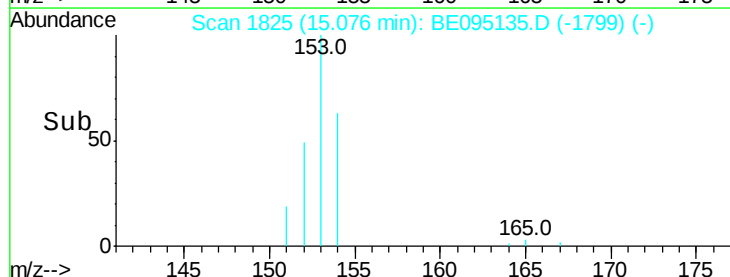
600

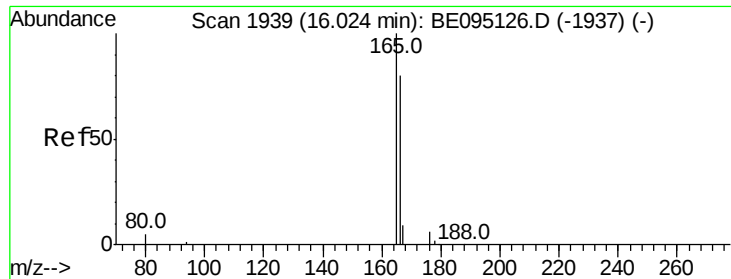
400

200

0

Time--> 15.00 15.05 15.10





#9

Fluorene

Concen: 0.039 ng/ul m

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095135.D

Acq: 26 Jan 2018 19:34

Instrument :

BNA_E

ClientSampleId :

F6A52

Tot Ion:166 Resp: 957

Ion Ratio Lower Upper

166 100

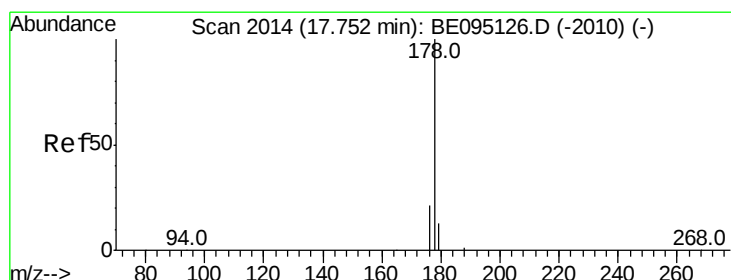
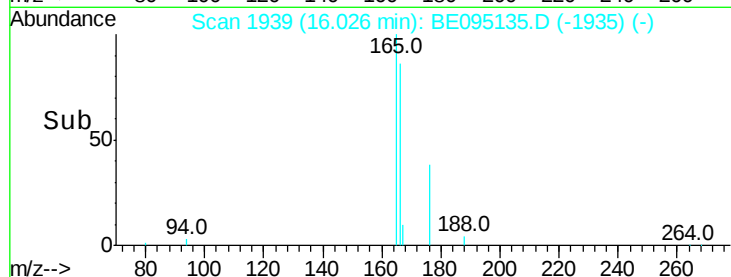
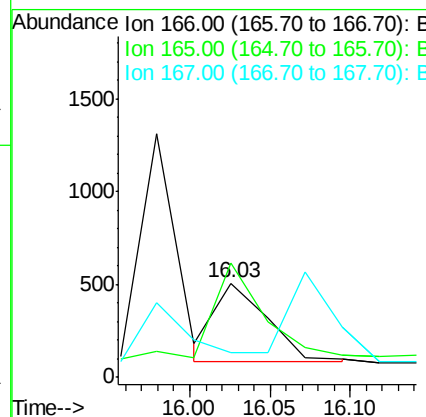
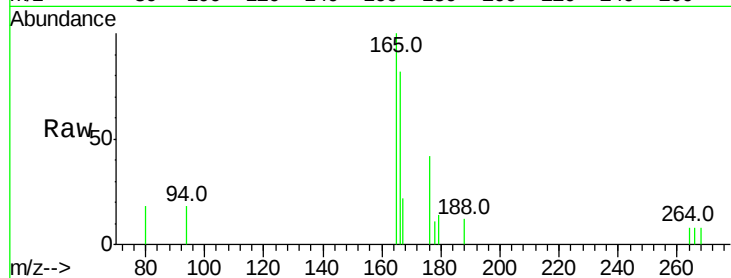
165 121.9 73.4 110.2#

167 26.2 14.6 22.0#

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#12

Phenanthrene

Concen: 0.098 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095135.D

Acq: 26 Jan 2018 19:34

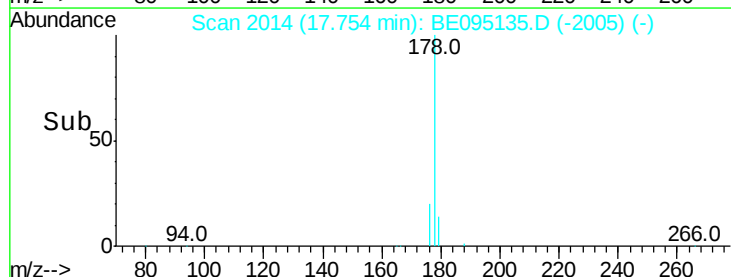
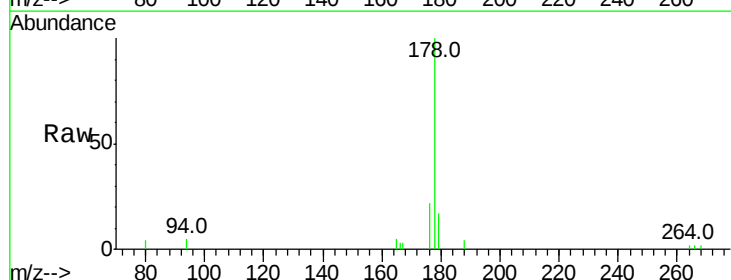
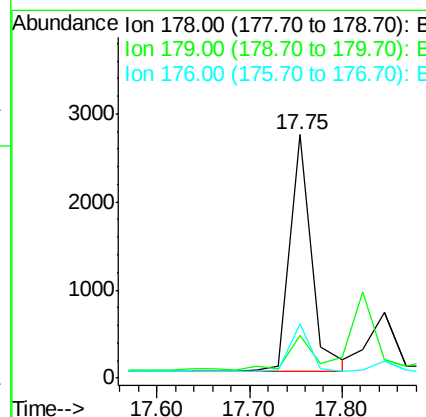
Tgt Ion:178 Resp: 4351

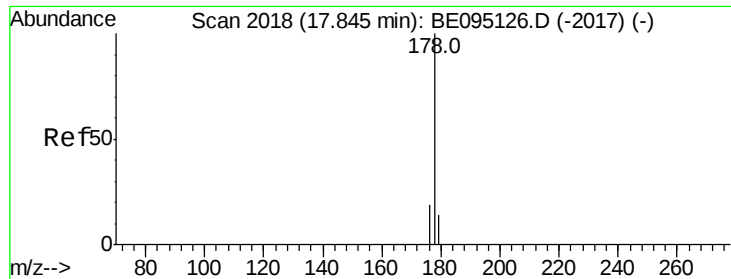
Ion Ratio Lower Upper

178 100

179 17.4 18.4 27.6#

176 22.1 13.6 20.4#





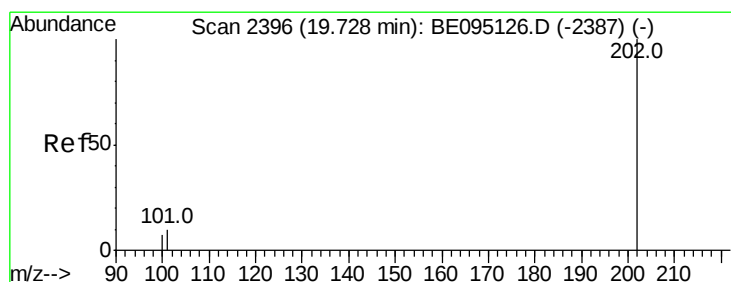
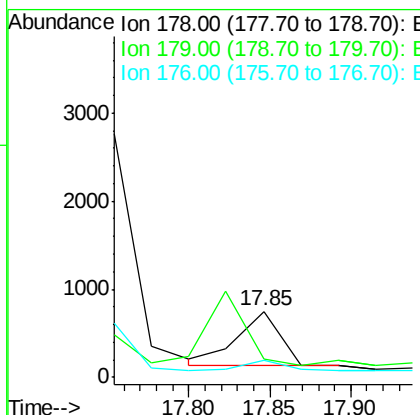
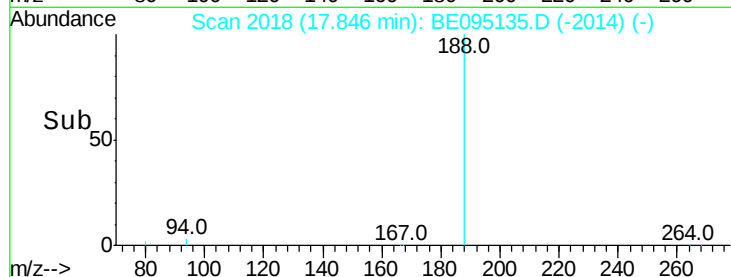
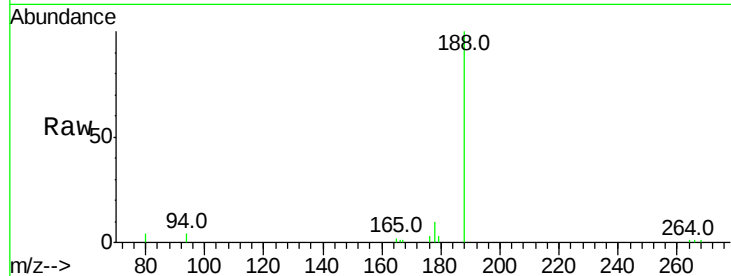
#13
 Anthracene
 Concen: 0.028 ng/ul
 RT: 17.85 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BE095135.D
 Acq: 26 Jan 2018 19:34

Instrument :
 BNA_E
 ClientSampleId :
 F6A52

Tot Ion	Ratio	Lower	Upper
178	100		
179	28.6	18.1	27.1#
176	26.5	14.7	22.1#

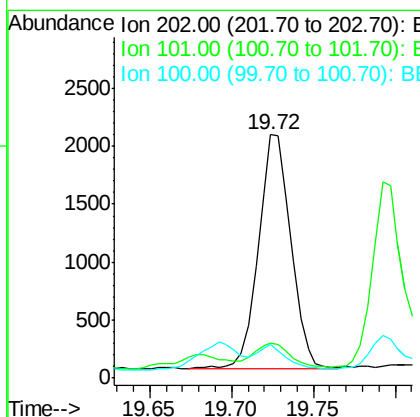
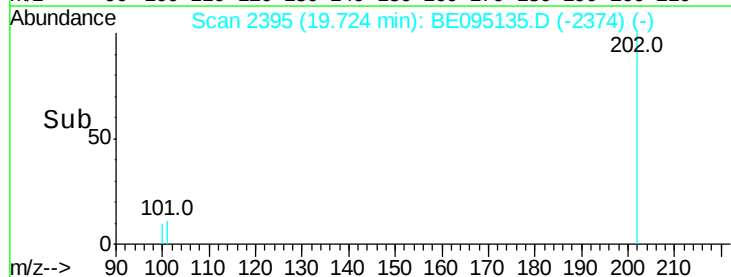
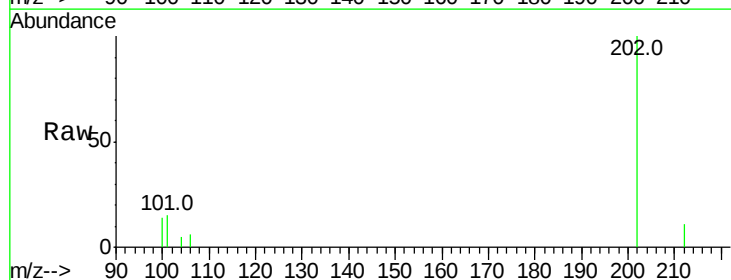
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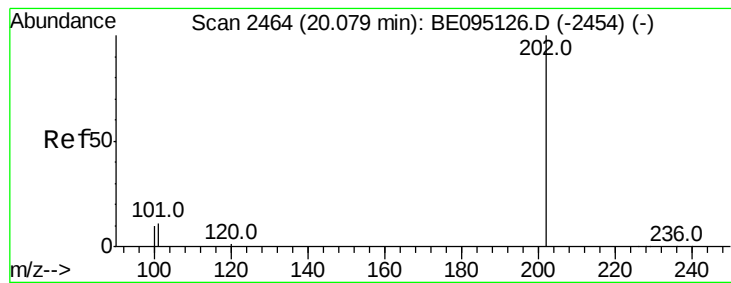
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#15
 Fluoranthene
 Concen: 0.048 ng/ul
 RT: 19.72 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BE095135.D
 Acq: 26 Jan 2018 19:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	30.3
100	13.6	0.0	39.5





#17

Pvrene

Concen: 0.044 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095135.D

Acq: 26 Jan 2018 19:34

Instrument :

BNA_E

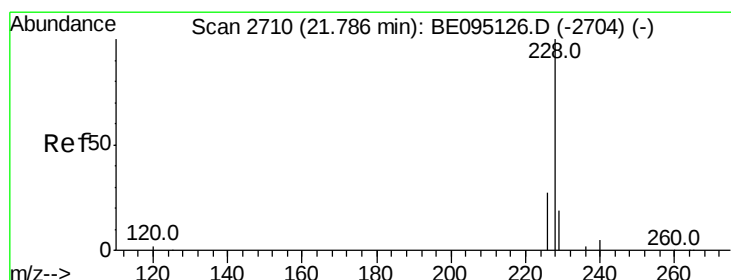
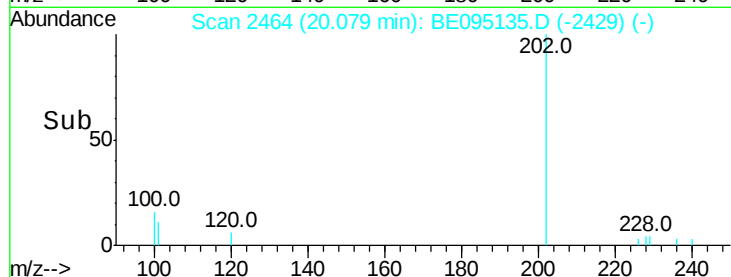
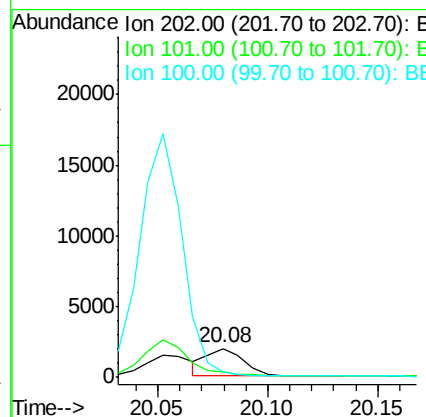
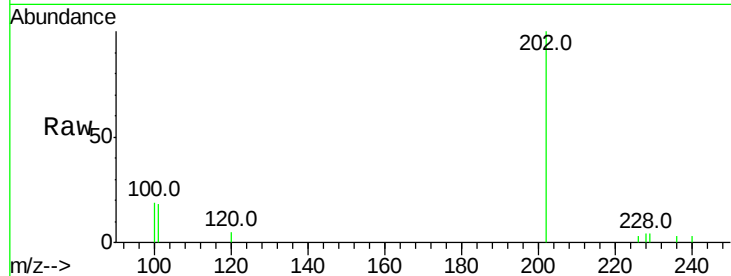
ClientSampleId :

F6A52

Tot Ion:	202	Resp:	2289
Ion Ratio	Lower	Upper	
202	100		
101	18.1	18.2	27.4#
100	19.4	15.6	23.4

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#18

Benzo(a)anthracene

Concen: 0.028 ng/ul

RT: 21.79 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BE095135.D

Acq: 26 Jan 2018 19:34

Tgt Ion:	228	Resp:	1363
Ion Ratio	Lower	Upper	
228	100		
229	29.5	22.8	34.2
226	33.4	17.0	25.6#

