

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
 Data File : BE095456.D
 Acq On : 4 Feb 2018 2:21
 Operator : SJ/JU
 Sample : J1314-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 05 04:53:33 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 Feb 05 04:46:10 2018
 Response via : Initial Calibration

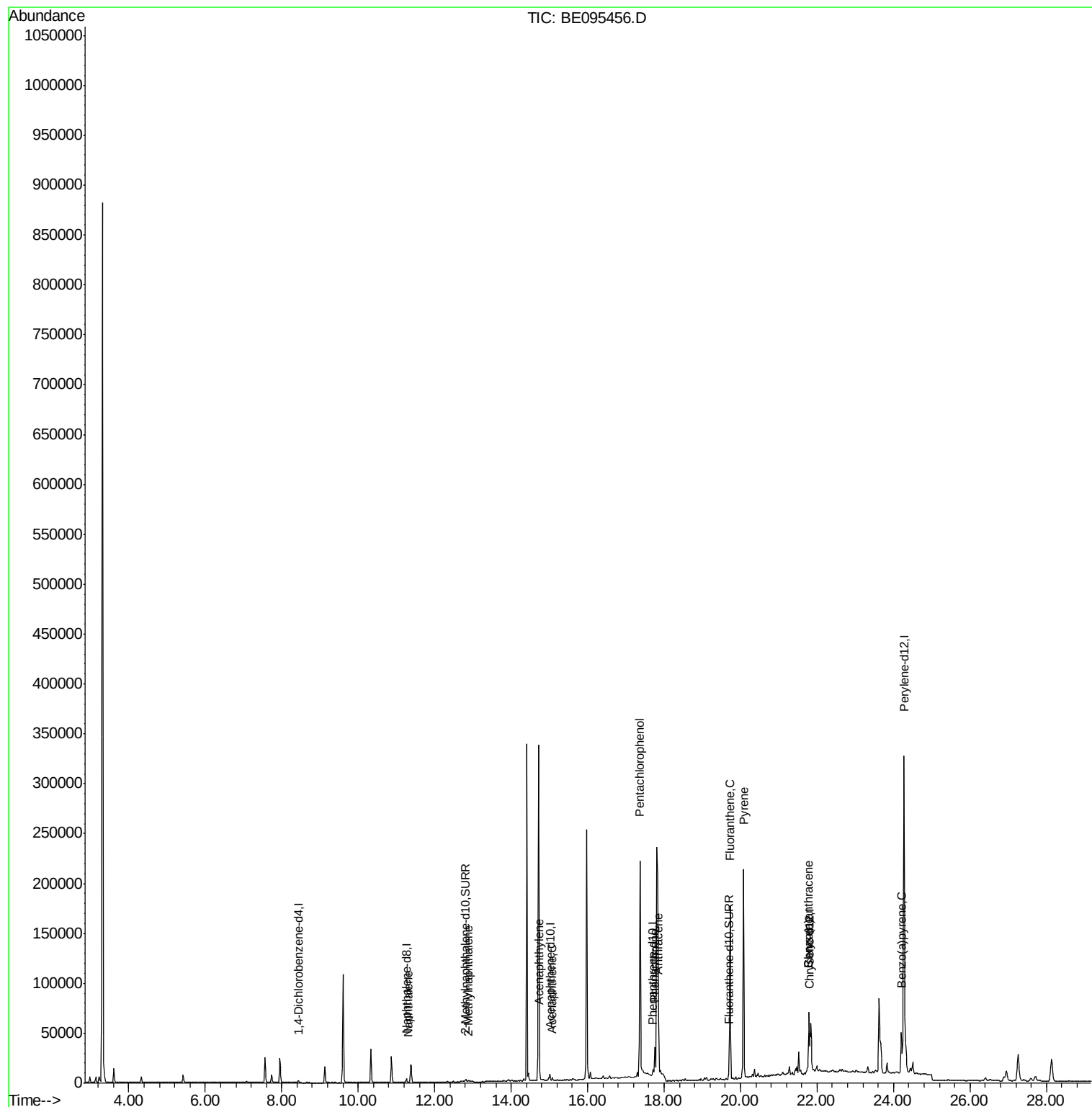
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1869	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5754	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4058	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7743	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7518	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	385109	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3206	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7443	0.25	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	11.31	128	944	0.059	ng/ul#	77
5) 2-Methylnaphthalene	12.88	142	836	0.078	ng/ul	99
7) Acenaphthylene	14.75	152	8138	0.417	ng/ul#	75
8) Acenaphthene	15.08	153	1497	0.099	ng/ul#	83
11) Pentachlorophenol	17.36	266	137598	91.749	ng/ul	96
12) Phenanthrene	17.75	178	32871	1.262	ng/ul	92
13) Anthracene	17.85	178	67245	2.821	ng/ul#	94
15) Fluoranthene	19.72	202	194777	5.776	ng/ul	83
17) Pyrene	20.08	202	226286	8.970	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	65528	2.788	ng/ul#	89
19) Chrysene	21.79	228	65528	2.685	ng/ul	97
23) Benzo(a)pyrene	24.20	252	66685	0.055	ng/ul#	85

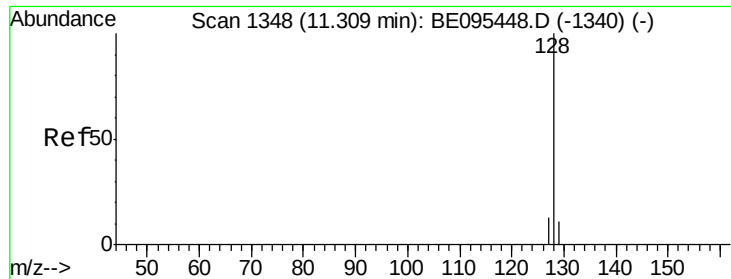
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.059 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Instrument :

BNA_E

ClientSampleId :

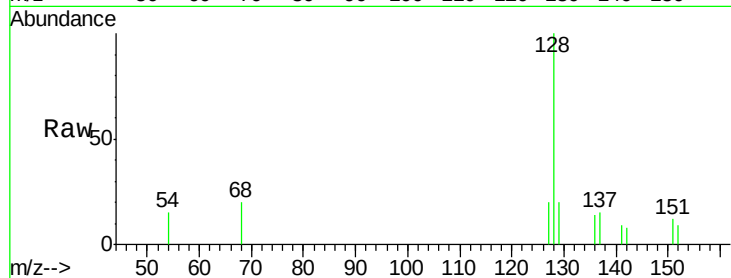
Tot Ion:128 Resp: 944

Ion Ratio Lower Upper

128 100

129 19.9 11.3 16.9#

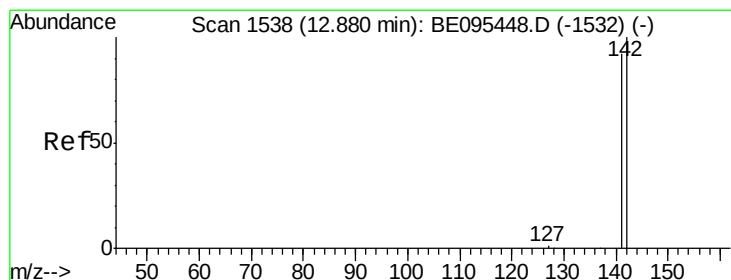
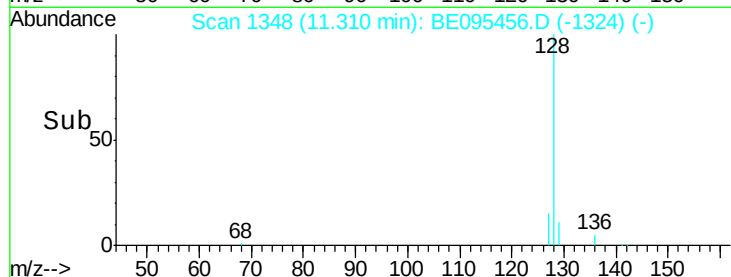
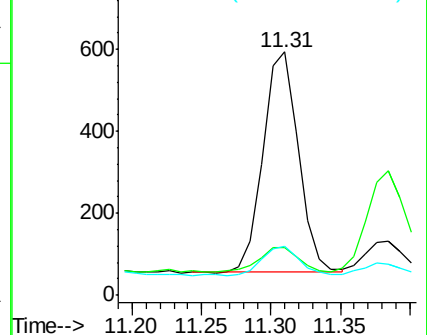
127 20.4 4.0 6.0#



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: 0.078 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE095456.D

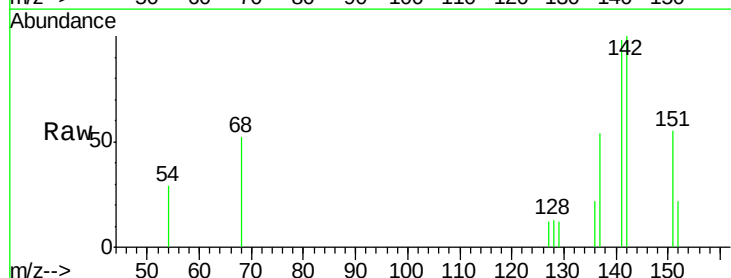
Acq: 4 Feb 2018 2:21

Tgt Ion:142 Resp: 836

Ion Ratio Lower Upper

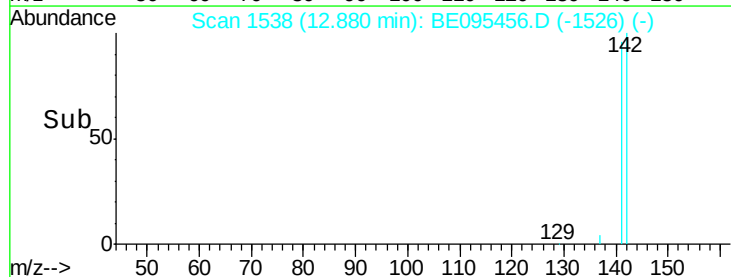
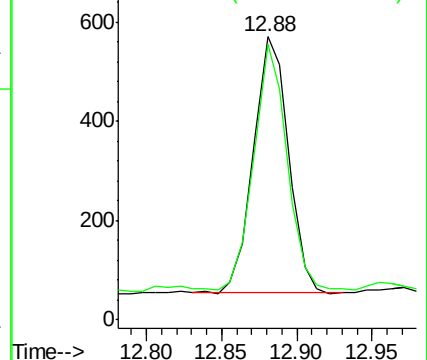
142 100

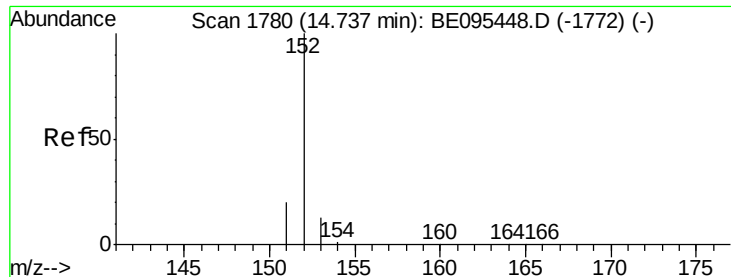
141 92.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.417 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Instrument :

BNA_E

ClientSampleId :

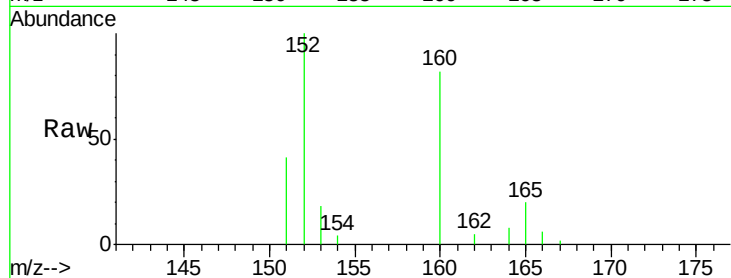
Tot Ion:152 Resp: 8138

Ion Ratio Lower Upper

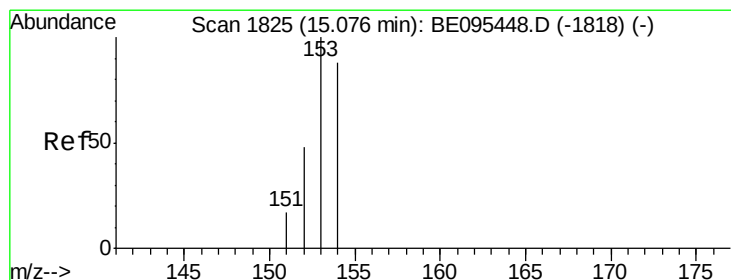
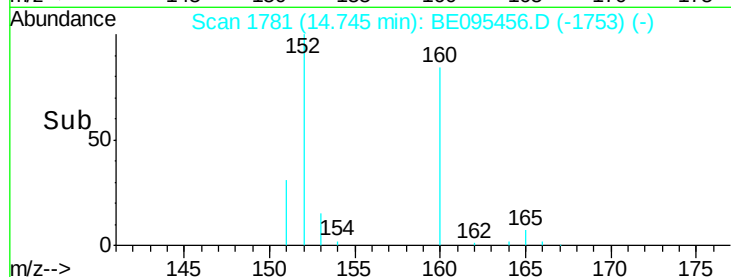
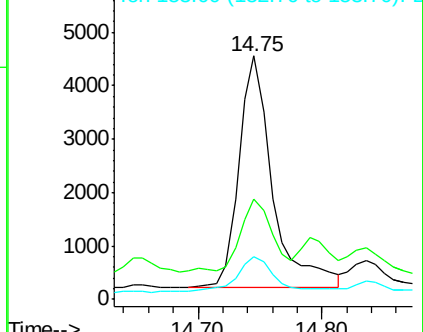
152 100

151 41.0 17.1 25.7#

153 17.6 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.099 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

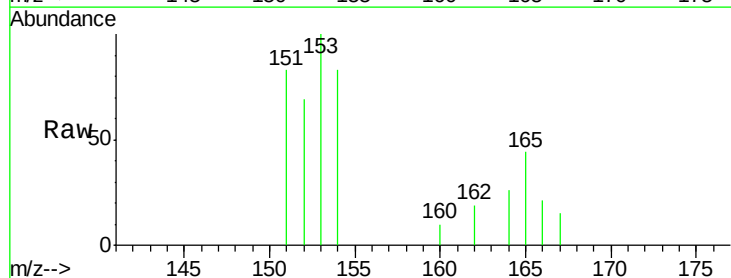
Tgt Ion:153 Resp: 1497

Ion Ratio Lower Upper

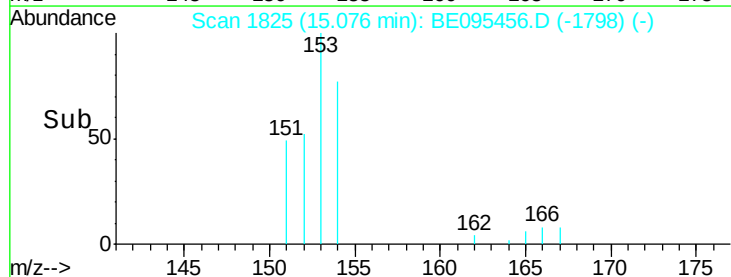
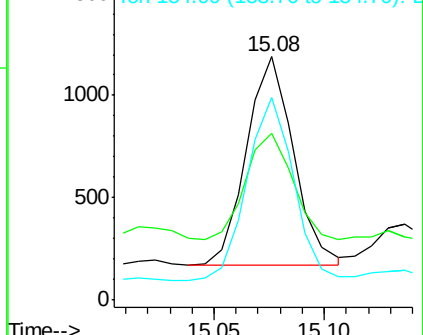
153 100

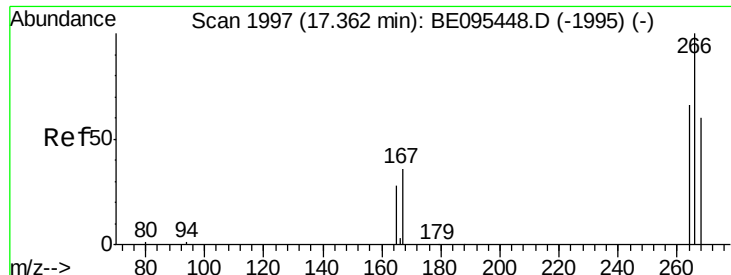
152 68.6 36.0 54.0#

154 83.3 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

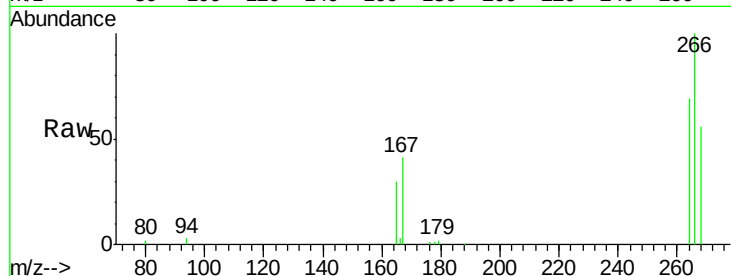




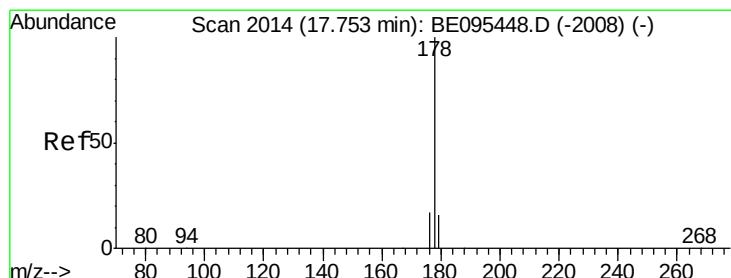
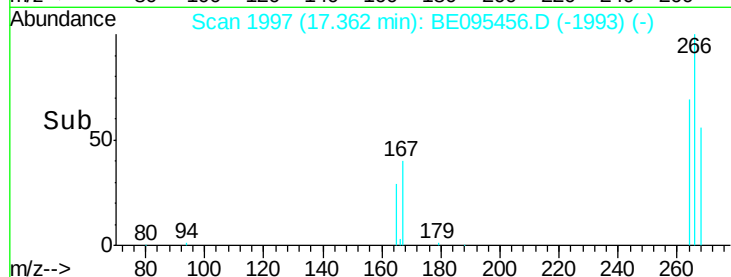
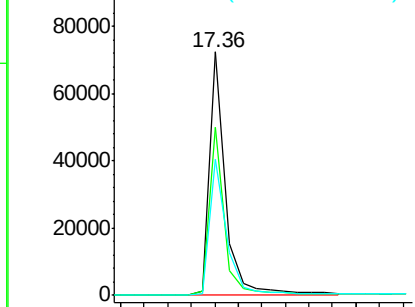
#11
 Pentachlorophenol
 Concen: 91.749 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095456.D
 Acq: 4 Feb 2018 2:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 137598
 Ion Ratio Lower Upper
 266 100
 264 65.4 47.9 71.9
 268 61.1 49.8 74.8

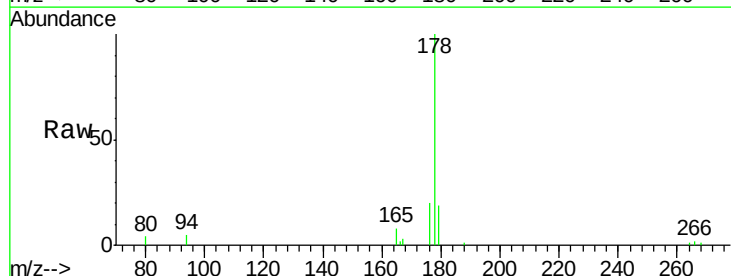


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

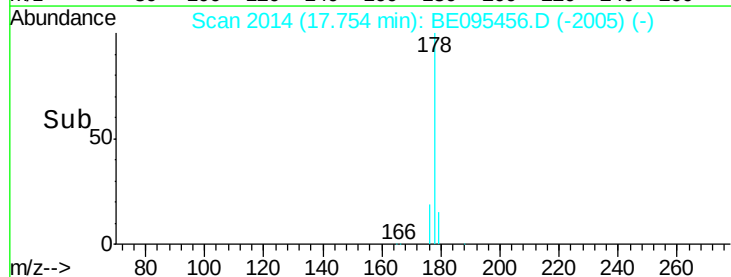
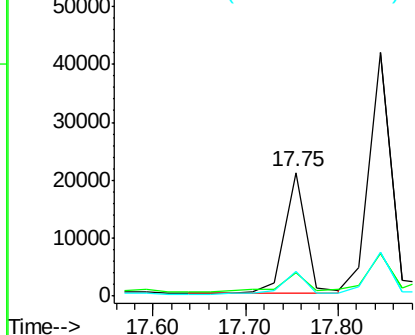


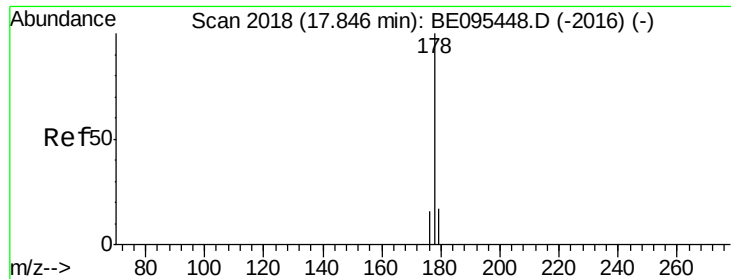
#12
 Phenanthrene
 Concen: 1.262 ng/ul
 RT: 17.75 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BE095456.D
 Acq: 4 Feb 2018 2:21

Tgt Ion:178 Resp: 32871
 Ion Ratio Lower Upper
 178 100
 179 19.1 18.4 27.6
 176 20.0 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: 2.821 ng/ul

RT: 17.85 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Instrument :

BNA_E

ClientSampleId :

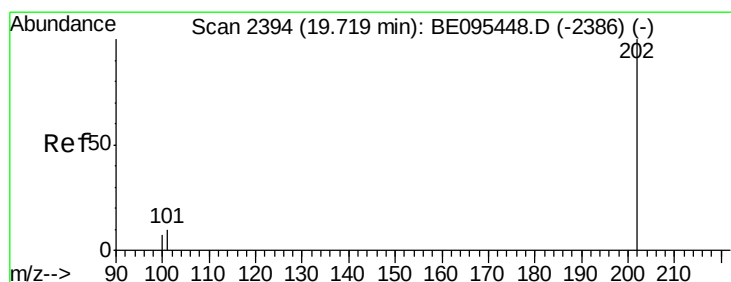
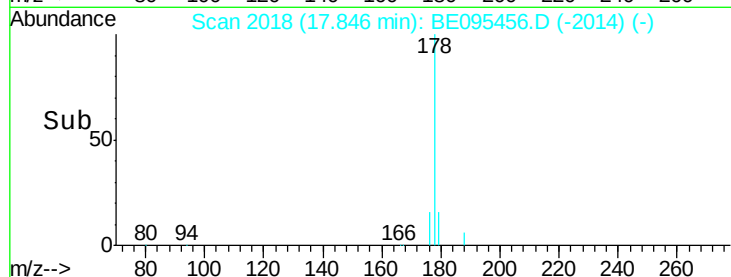
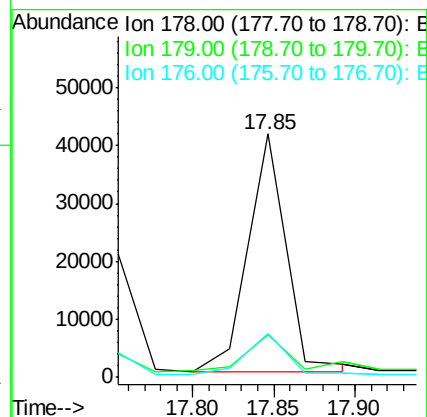
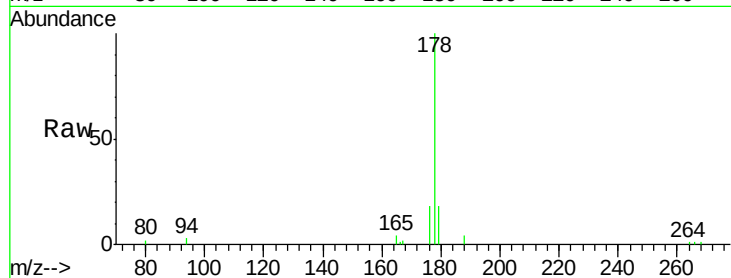
Tot Ion:178 Resp: 67245

Ion Ratio Lower Upper

178 100

179 17.5 18.1 27.1#

176 18.1 14.7 22.1



#15

Fluoranthene

Concen: 5.776 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. 0.01 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

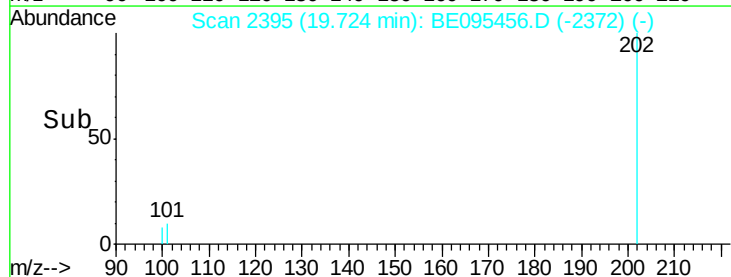
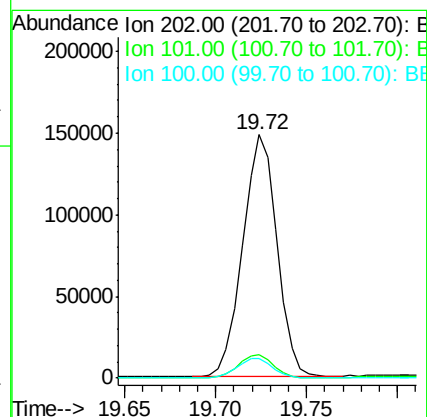
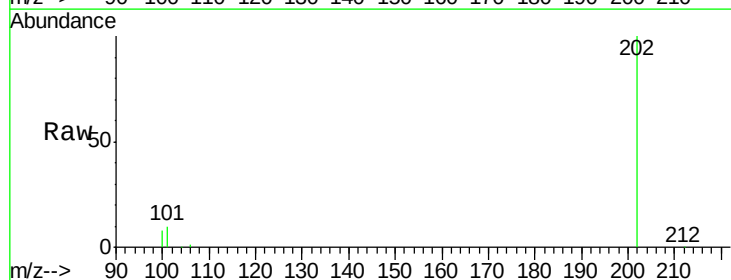
Tgt Ion:202 Resp: 194777

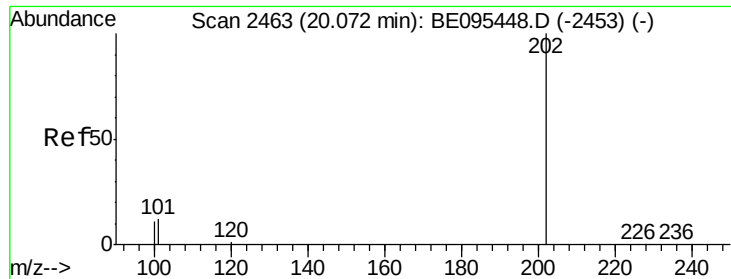
Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.3

100 8.0 0.0 39.5

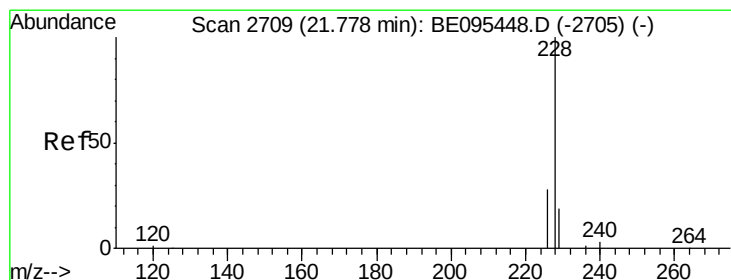
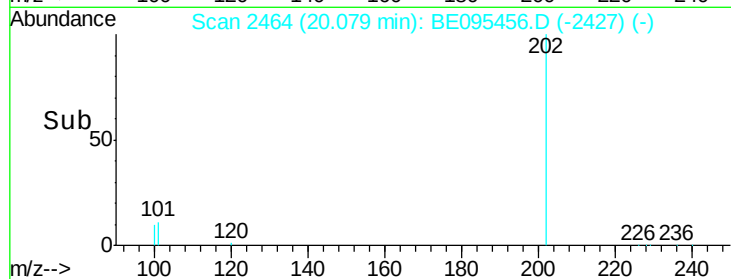
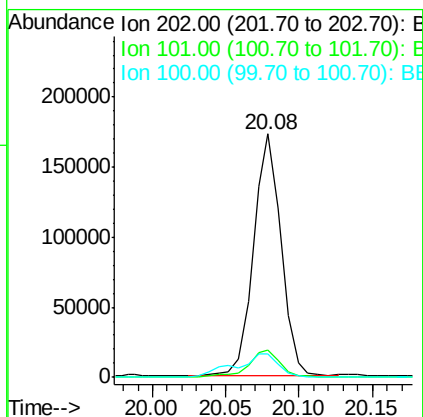
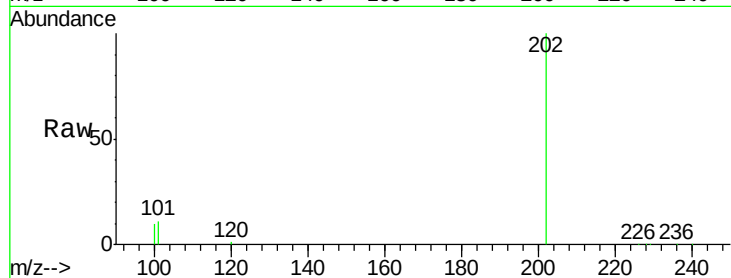




#17
 Pvrene
 Concen: 8.970 ng/ul
 RT: 20.08 min Scan# 2464
 Delta R.T. 0.01 min
 Lab File: BE095456.D
 Acq: 4 Feb 2018 2:21

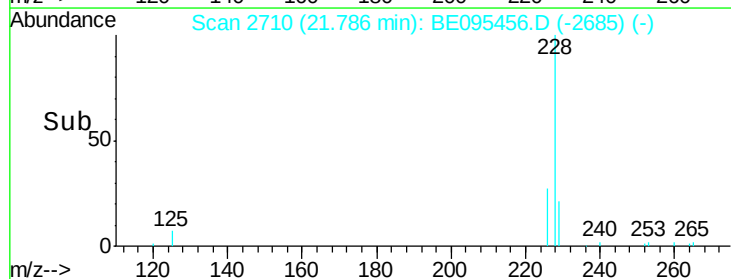
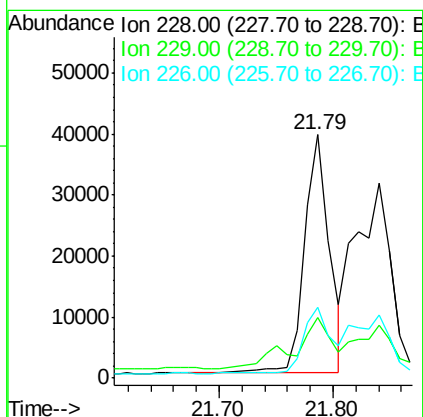
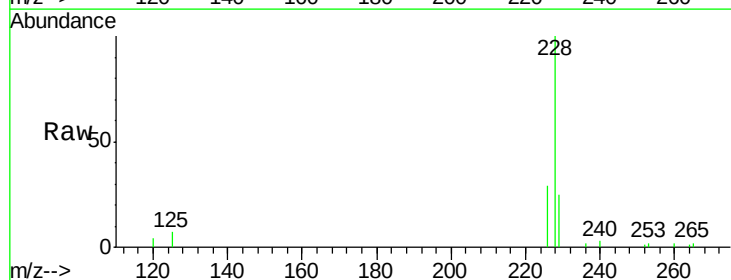
Instrument :
 BNA_E
 ClientSampleId :

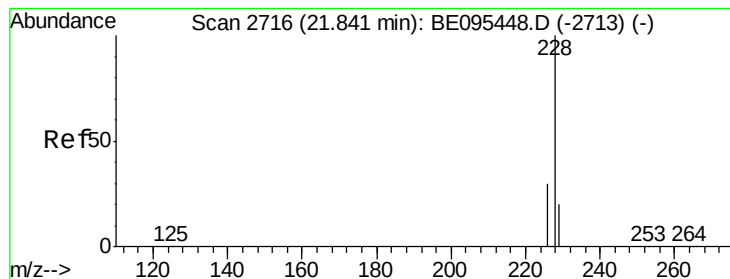
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	18.2	27.4#
100	9.8	15.6	23.4#



#18
 Benzo(a)anthracene
 Concen: 2.788 ng/ul
 RT: 21.79 min Scan# 2710
 Delta R.T. 0.01 min
 Lab File: BE095456.D
 Acq: 4 Feb 2018 2:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.0	22.8	34.2
226	29.2	17.0	25.6#





#19

Chrysene

Concen: 2.685 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. -0.05 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

Instrument :

BNA_E

ClientSampleId :

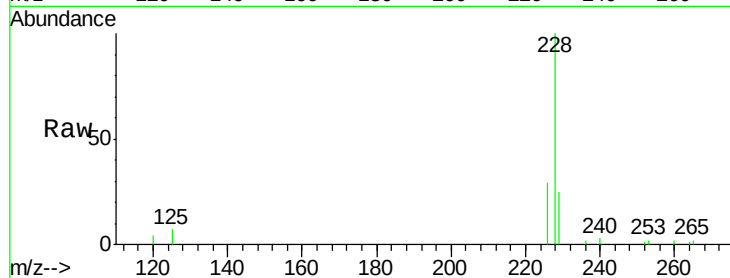
Tot Ion:228 Resp: 65528

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

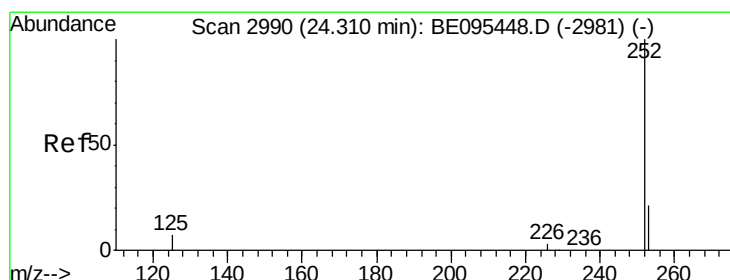
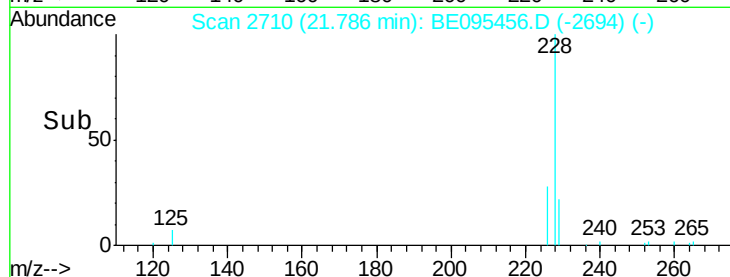
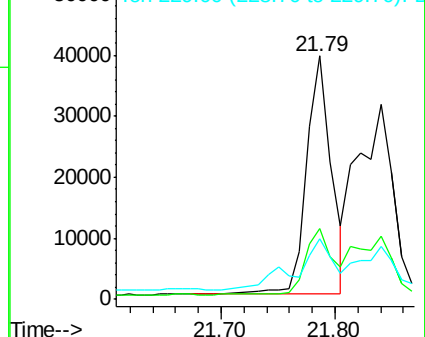
229 25.0 17.7 26.5



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



#23

Benzo(a)pyrene

Concen: 0.055 ng/ul

RT: 24.20 min Scan# 2978

Delta R.T. -0.11 min

Lab File: BE095456.D

Acq: 4 Feb 2018 2:21

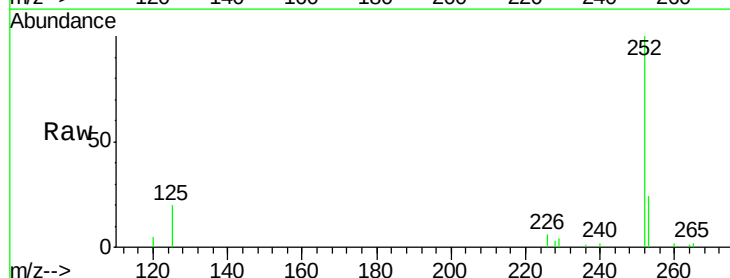
Tgt Ion:252 Resp: 66685

Ion Ratio Lower Upper

252 100

253 23.6 28.5 42.7#

125 19.7 18.1 27.1



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

