

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\
 Data File : BE095398.D
 Acq On : 2 Feb 2018 15:49
 Operator : SJ/JU
 Sample : J1245-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 02 16:33:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 02 15:25:49 2018
 Response via : Initial Calibration

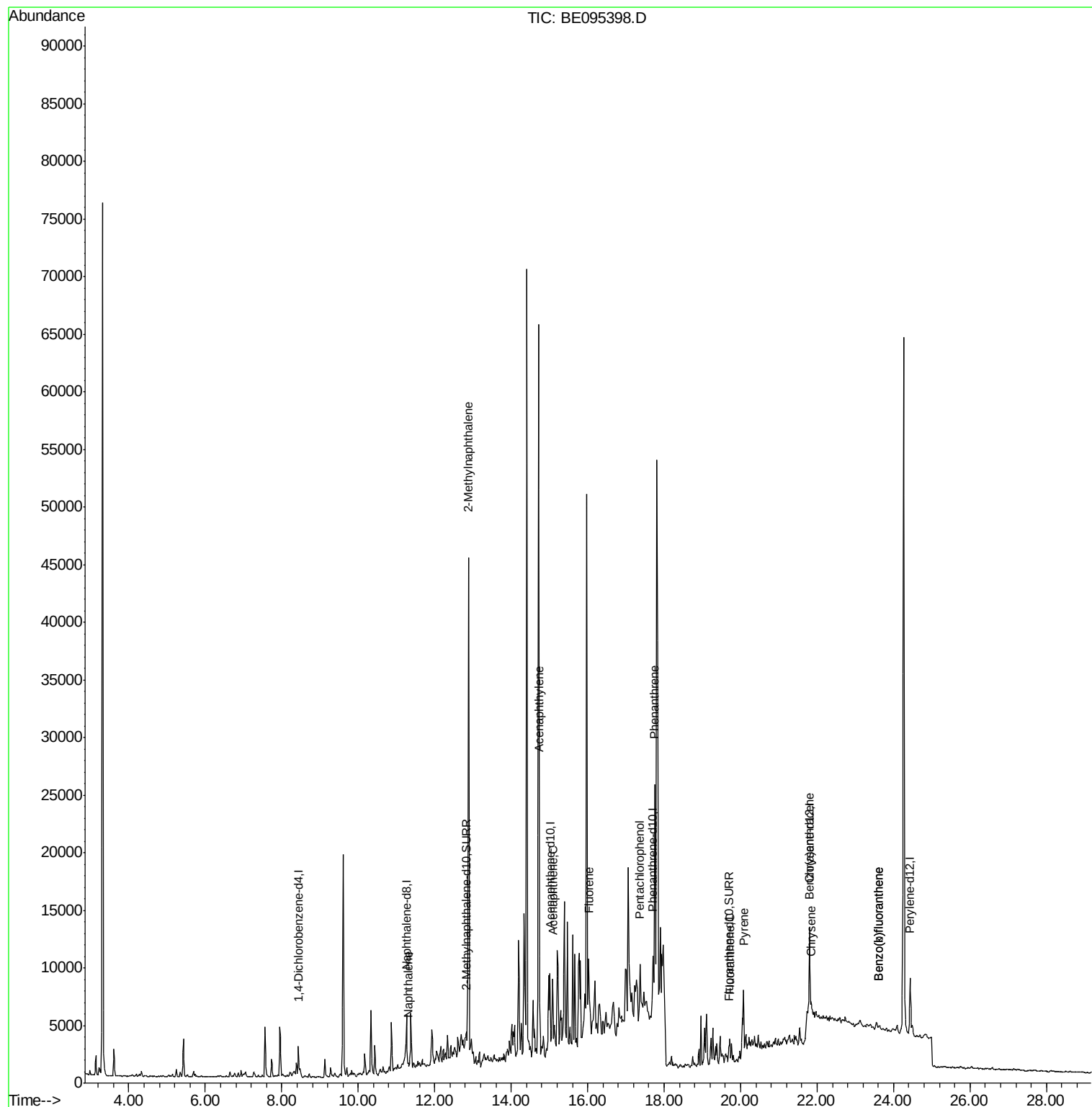
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1905	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5791	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3818	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6989	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7210	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7368	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	766	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1436	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	568	0.035	ng/ul#	1
5) 2-Methylnaphthalene	12.88	142	36690	3.388	ng/ul	100
7) Acenaphthylene	14.74	152	2211	0.120	ng/ul#	1
8) Acenaphthene	15.08	153	3165	0.222	ng/ul#	61
9) Fluorene	16.03	166	5520	0.376	ng/ul#	67
11) Pentachlorophenol	17.36	266	2064	1.525	ng/ul	99
12) Phenanthrene	17.75	178	23331	0.993	ng/ul#	94
15) Fluoranthene	19.72	202	2900	0.095	ng/ul	83
17) Pyrene	20.08	202	5910	0.244	ng/ul#	86
18) Benzo(a)anthracene	21.79	228	1180	0.052	ng/ul#	1
19) Chrysene	21.84	228	1840	0.079	ng/ul#	30
21) Benzo(b)fluoranthene	23.62	252	812	0.031	ng/ul#	1
22) Benzo(k)fluoranthene	23.62	252	689	0.029	ng/ul#	1

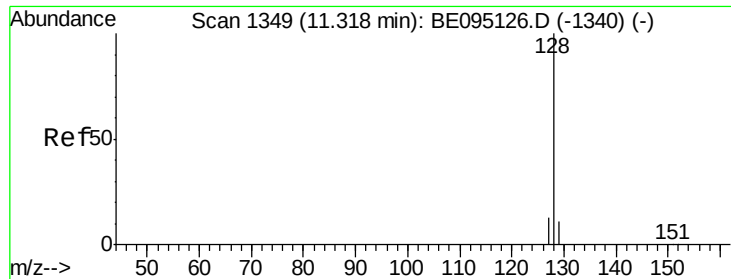
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 02 15:25:49 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.035 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095398.D

Acq: 2 Feb 2018 15:49

Instrument :

BNA_E

ClientSampled :

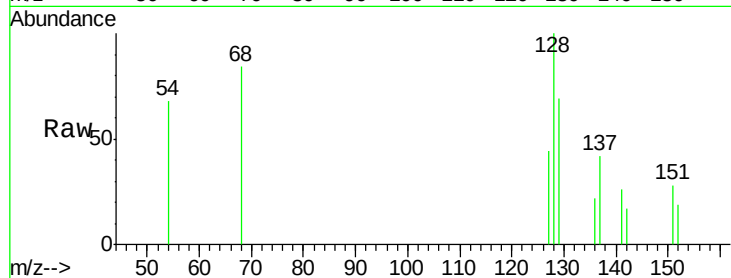
Tot Ion:128 Resp: 568

Ion Ratio Lower Upper

128 100

129 69.5 11.3 16.9#

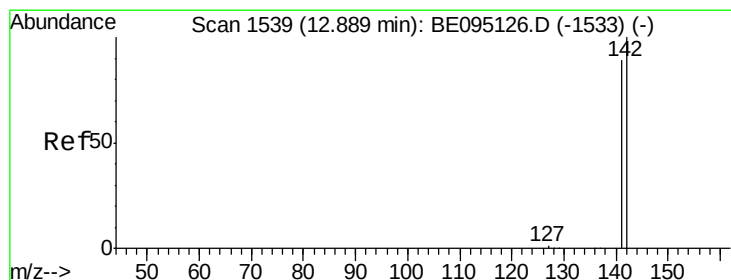
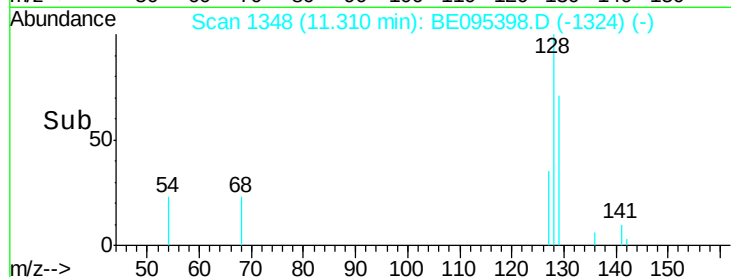
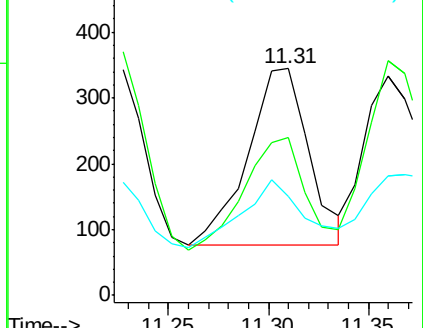
127 43.6 4.0 6.0#



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: 3.388 ng/ul

RT: 12.88 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BE095398.D

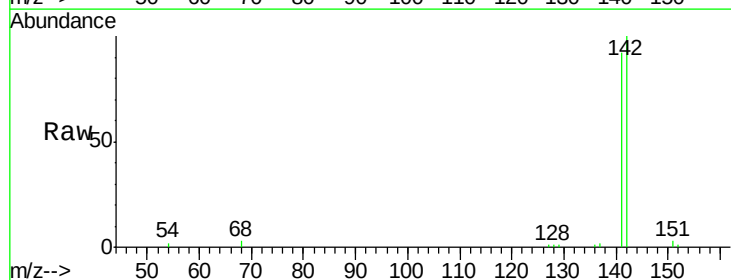
Acq: 2 Feb 2018 15:49

Tgt Ion:142 Resp: 36690

Ion Ratio Lower Upper

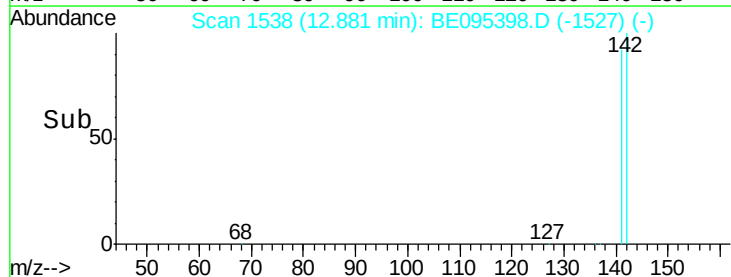
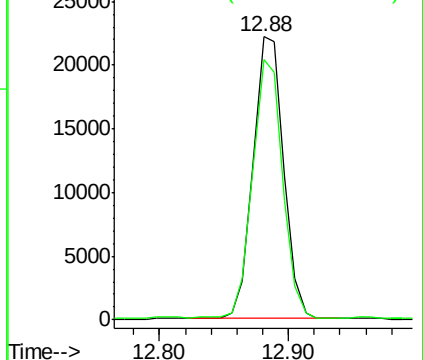
142 100

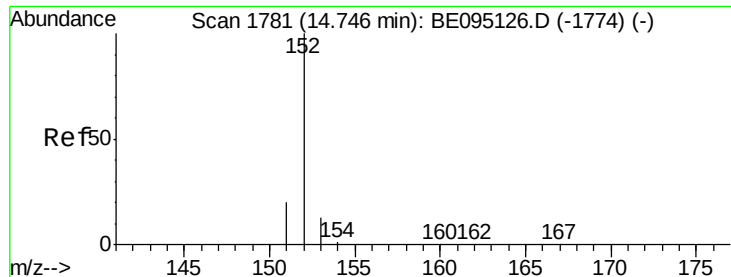
141 90.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.120 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE095398.D

Acq: 2 Feb 2018 15:49

Instrument :

BNA_E

ClientSampled :

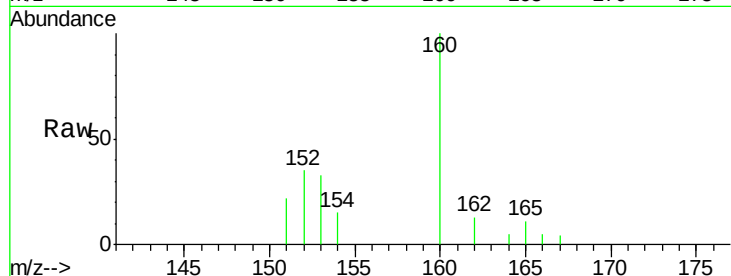
Tot Ion:152 Resp: 2211

Ion Ratio Lower Upper

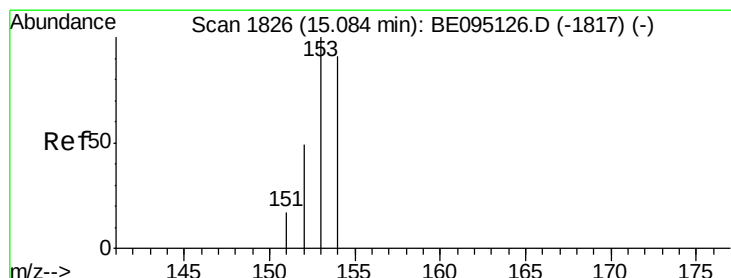
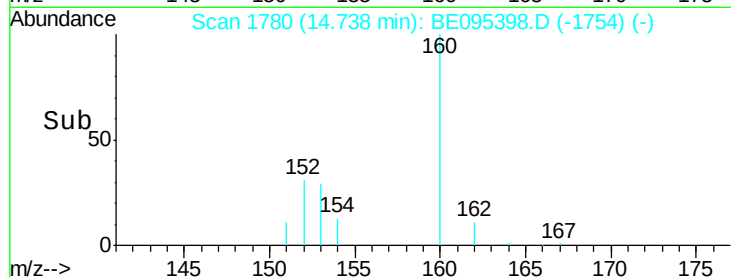
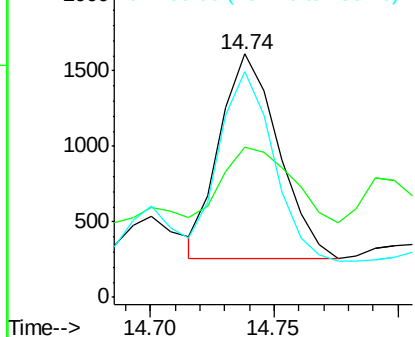
152 100

151 61.6 17.1 25.7#

153 92.6 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: 0.222 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095398.D

Acq: 2 Feb 2018 15:49

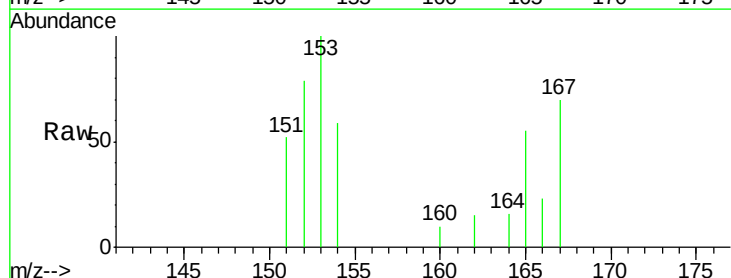
Tgt Ion:153 Resp: 3165

Ion Ratio Lower Upper

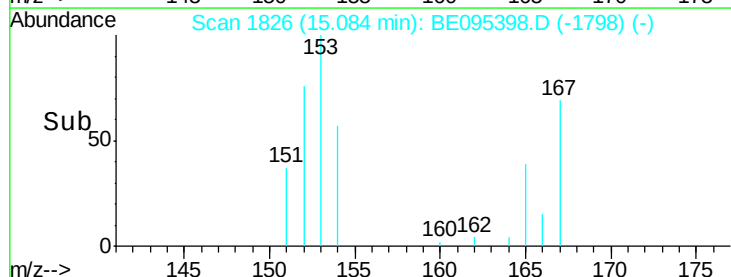
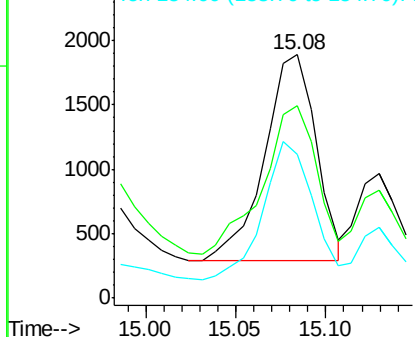
153 100

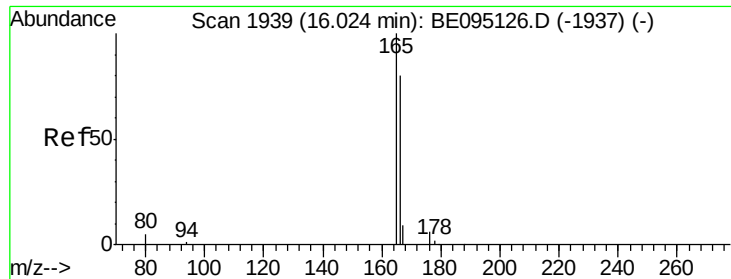
152 79.2 36.0 54.0#

154 59.2 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

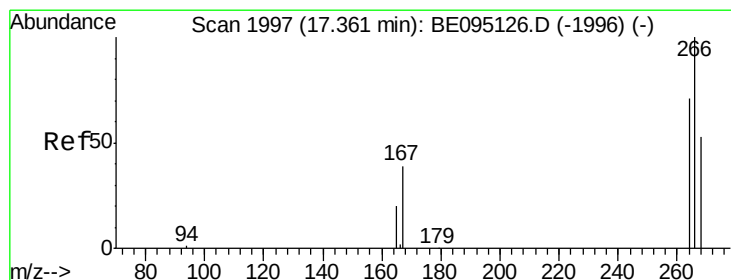
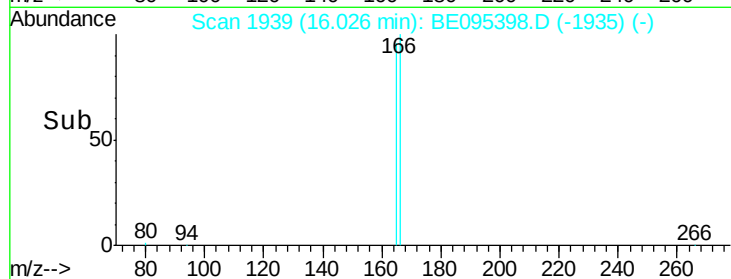
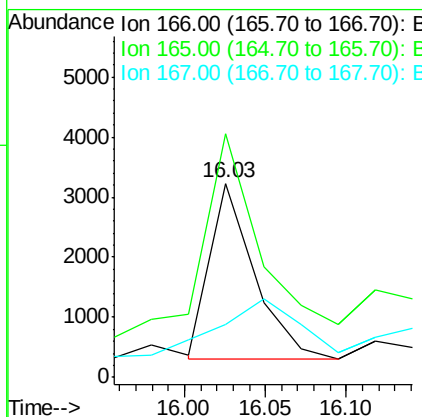
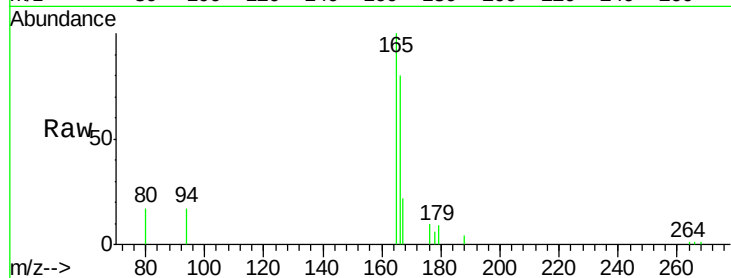




#9
Fluorene
 Concen: 0.376 ng/ul
 RT: 16.03 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: BE095398.D
 Acq: 2 Feb 2018 15:49

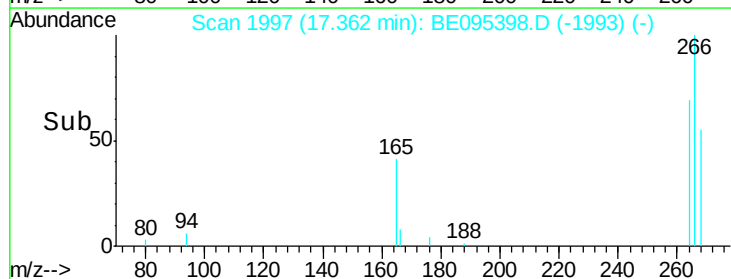
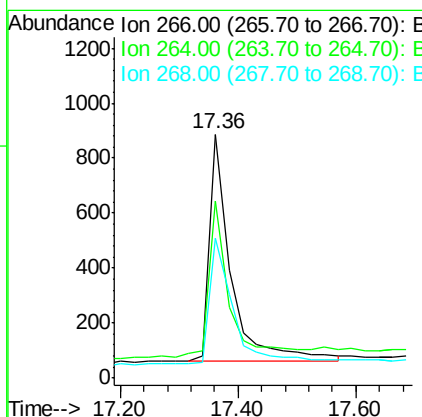
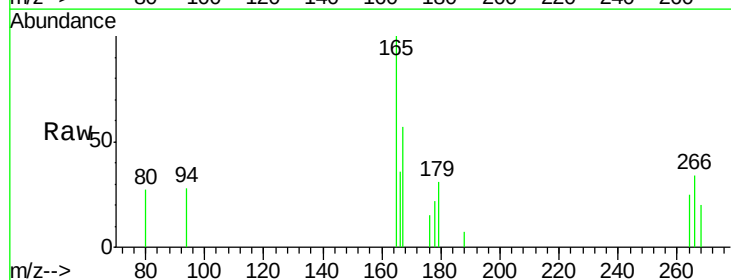
Instrument :
 BNA_E
 ClientSampleId :

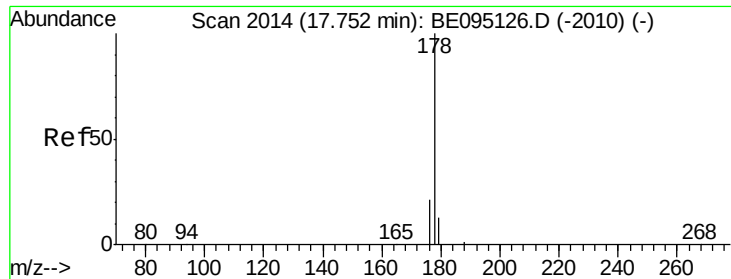
Tot Ion:166 Resp: 5520
 Ion Ratio Lower Upper
 166 100
 165 125.6 73.4 110.2#
 167 27.1 14.6 22.0#



#11
Pentachlorophenol
 Concen: 1.525 ng/ul
 RT: 17.36 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BE095398.D
 Acq: 2 Feb 2018 15:49

Tgt Ion:266 Resp: 2064
 Ion Ratio Lower Upper
 266 100
 264 58.1 47.9 71.9
 268 61.9 49.8 74.8





#12

Phenanthrene

Concen: 0.993 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095398.D

Acq: 2 Feb 2018 15:49

Instrument :

BNA_E

ClientSampleId :

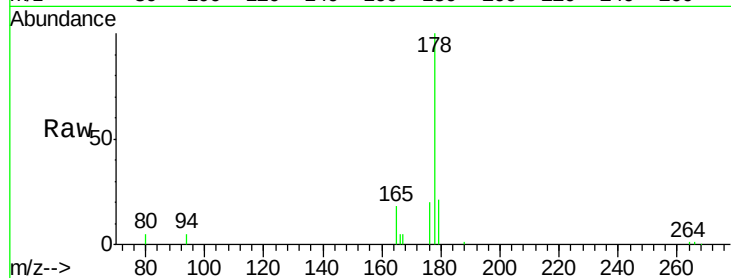
Tot Ion:178 Resp: 23331

Ion Ratio Lower Upper

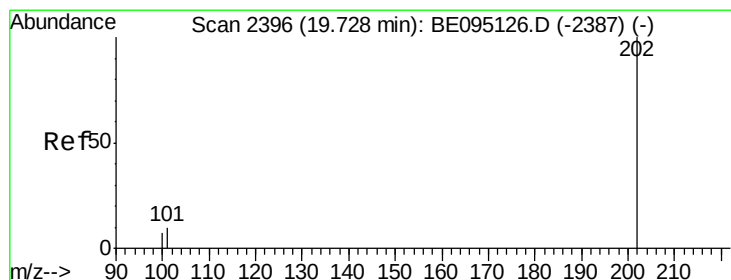
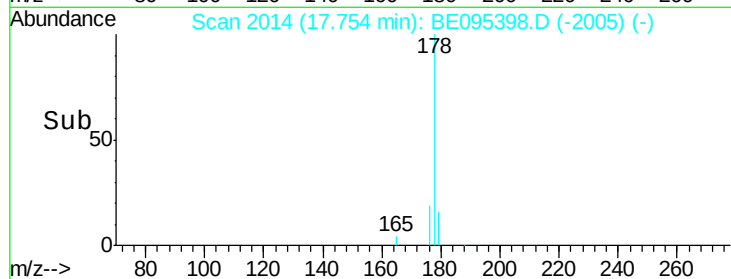
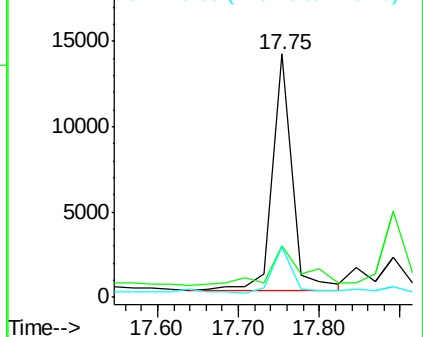
178 100

179 21.1 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



#15

Fluoranthene

Concen: 0.095 ng/ul

RT: 19.72 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BE095398.D

Acq: 2 Feb 2018 15:49

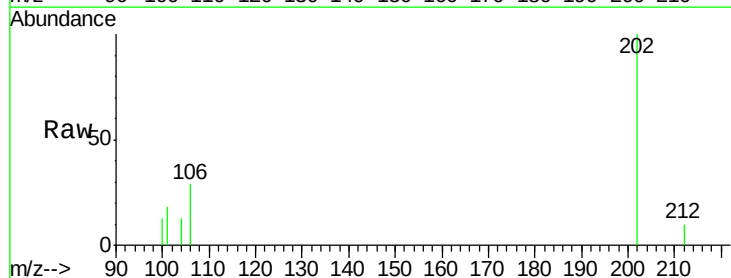
Tgt Ion:202 Resp: 2900

Ion Ratio Lower Upper

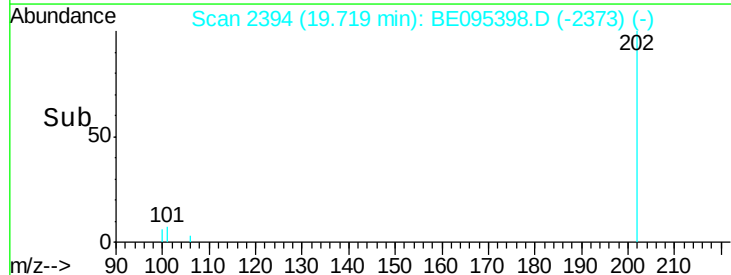
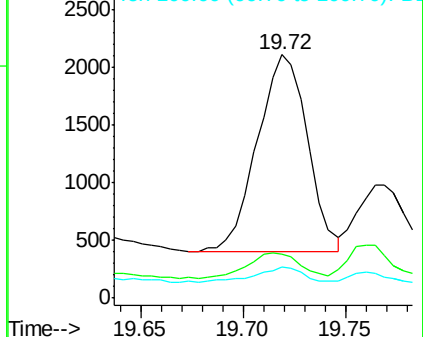
202 100

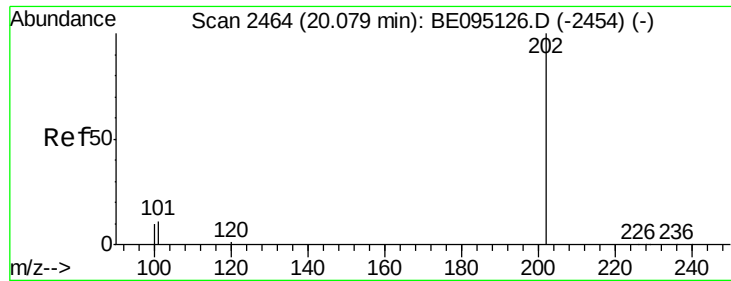
101 18.1 0.0 30.3

100 12.6 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: 0.244 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.01 min

Lab File: BE095398.D

Acq: 2 Feb 2018 15:49

Instrument :

BNA_E

ClientSampleId :

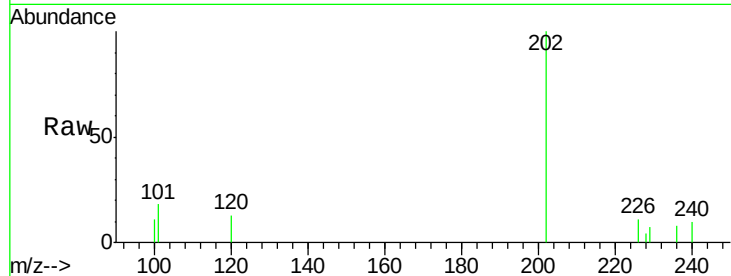
Tot Ion:202 Resp: 5910

Ion Ratio Lower Upper

202 100

101 18.3 18.2 27.4

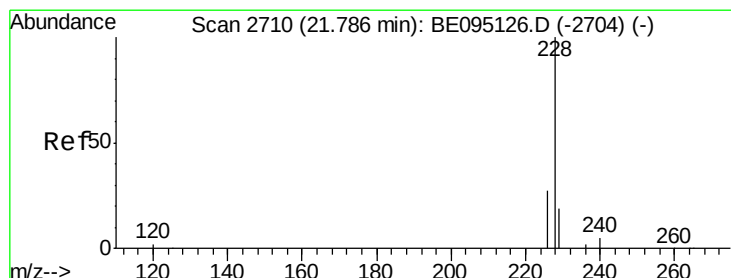
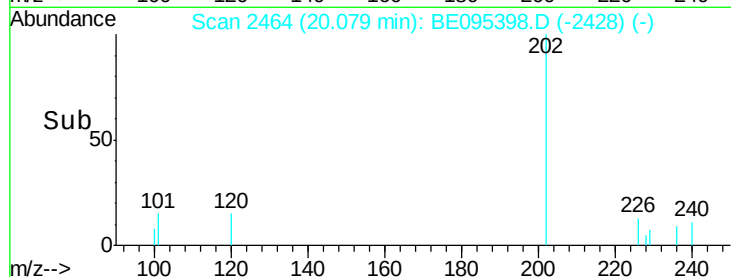
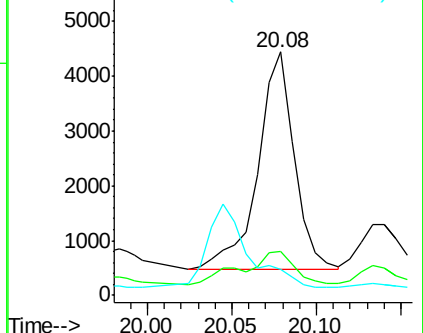
100 10.9 15.6 23.4#



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



#18

Benzo(a)anthracene

Concen: 0.052 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095398.D

Acq: 2 Feb 2018 15:49

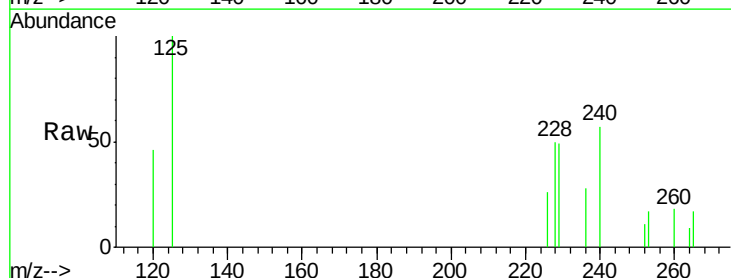
Tgt Ion:228 Resp: 1180

Ion Ratio Lower Upper

228 100

229 98.0 22.8 34.2#

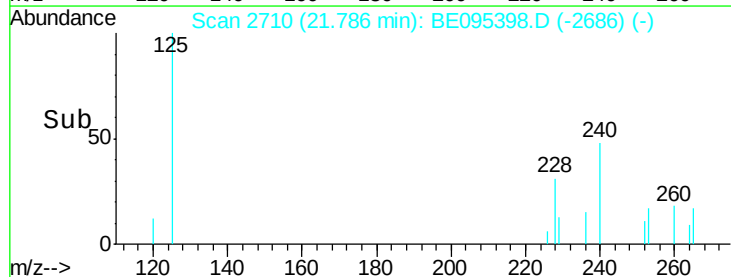
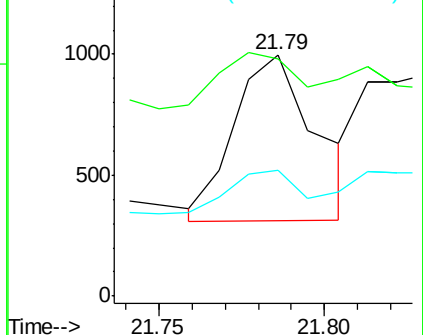
226 52.2 17.0 25.6#

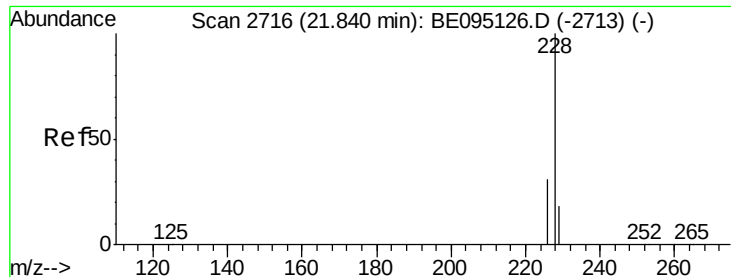


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.079 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095398.D

Acq: 2 Feb 2018 15:49

Instrument :

BNA_E

ClientSampleId :

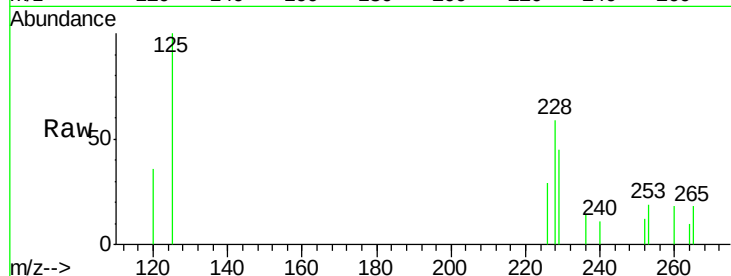
Tot Ion:228 Resp: 1840

Ion Ratio Lower Upper

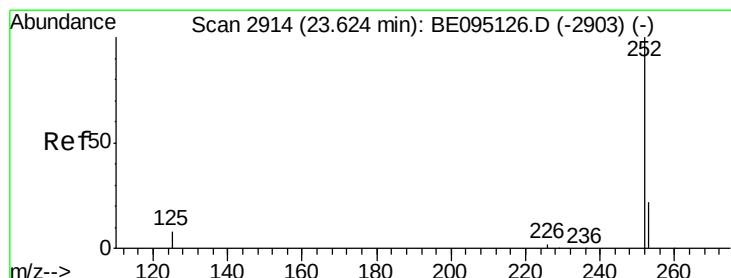
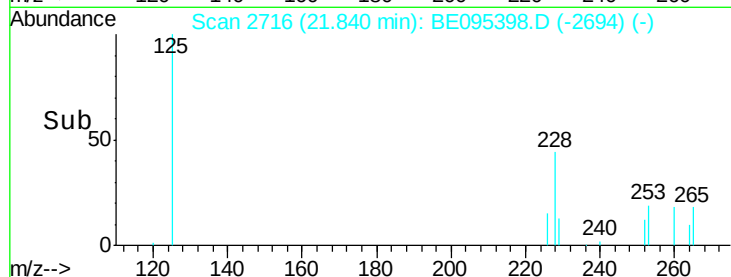
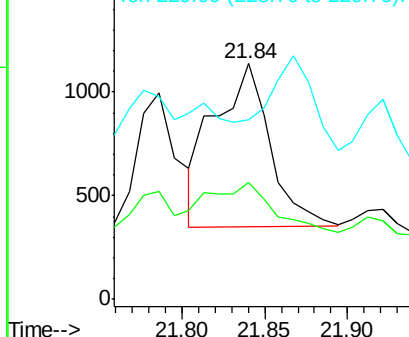
228 100

226 49.4 23.4 35.0#

229 76.0 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



#21

Benzo(b)fluoranthene

Concen: 0.031 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BE095398.D

Acq: 2 Feb 2018 15:49

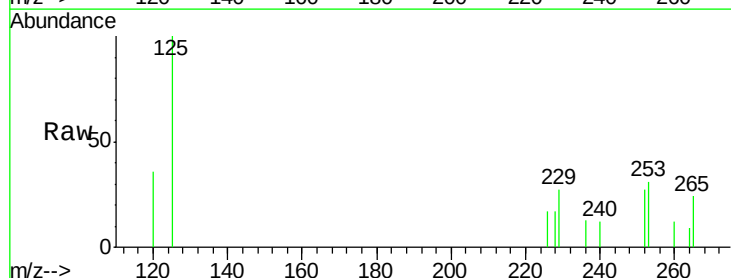
Tgt Ion:252 Resp: 812

Ion Ratio Lower Upper

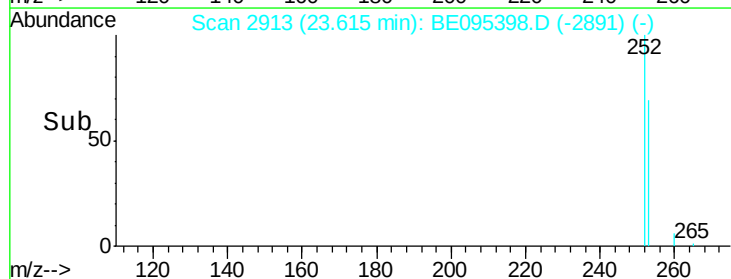
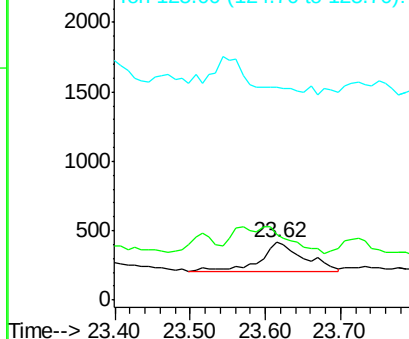
252 100

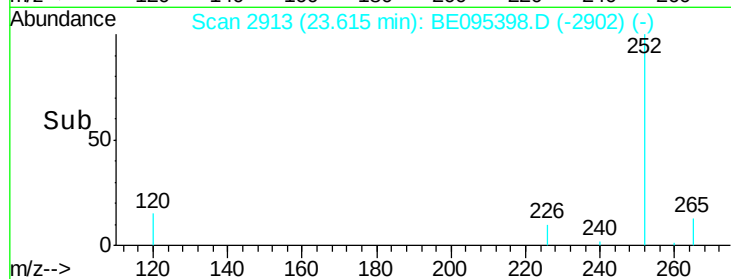
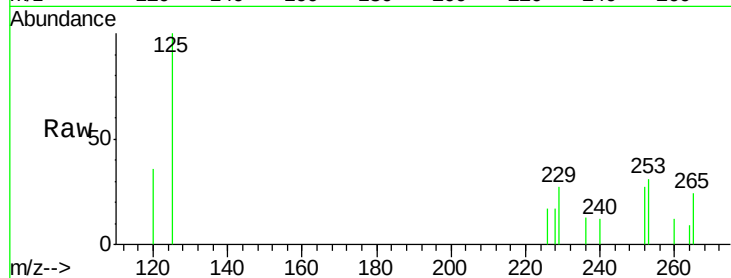
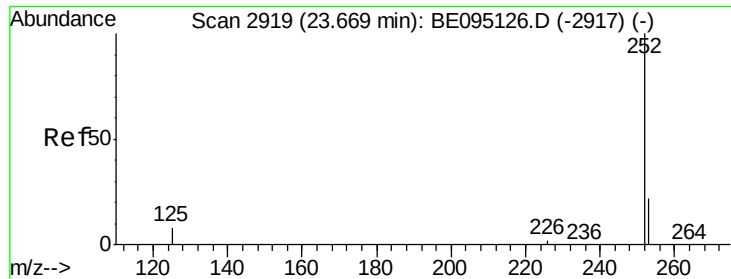
253 113.0 0.0 64.2#

125 370.1 0.0 35.0#



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





#22

Benzo(k)fluoranthene

Concen: 0.029 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.05 min

Lab File: BE095398.D

Acq: 2 Feb 2018 15:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 689

Ion Ratio Lower Upper

252 100

253 113.0 24.5 36.7#

125 370.1 13.7 20.5#

