

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\
 Data File : BE095397.D
 Acq On : 2 Feb 2018 15:13
 Operator : SJ/JU
 Sample : J1245-07DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 02 16:33:29 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

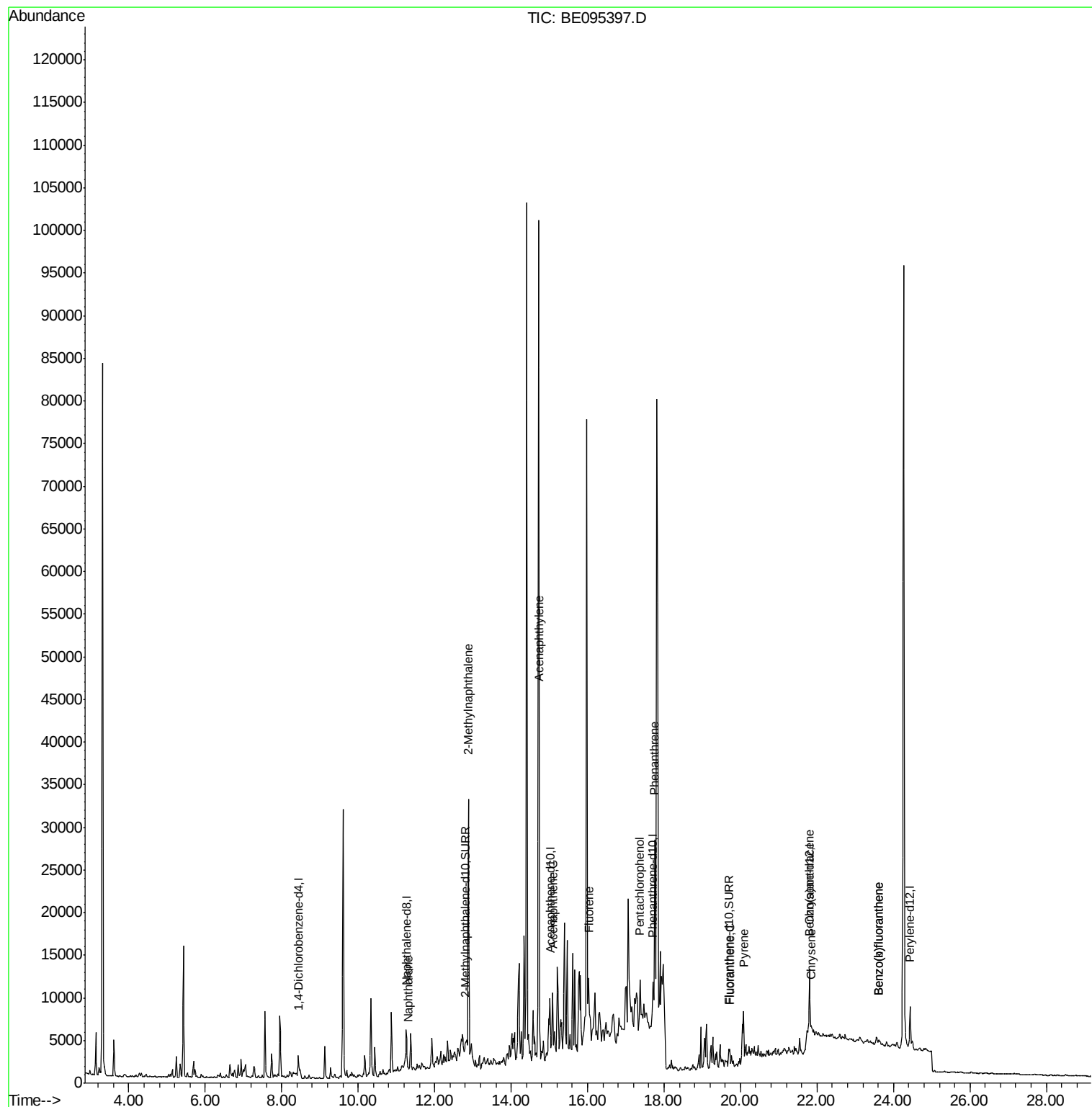
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1892	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5689	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3774	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	6875	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	6999	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7286	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	1335	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	2184	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.30	128	529	0.033	ng/ul#	1
5) 2-Methylnaphthalene	12.89	142	25510	2.398	ng/ul	100
7) Acenaphthylene	14.74	152	2716	0.150	ng/ul#	1
8) Acenaphthene	15.08	153	3900	0.277	ng/ul#	63
9) Fluorene	16.03	166	5980	0.412	ng/ul#	68
11) Pentachlorophenol	17.36	266	2314	1.738	ng/ul	99
12) Phenanthrene	17.75	178	25307	1.095	ng/ul#	94
15) Fluoranthene	19.72	202	2940	0.098	ng/ul	82
17) Pyrene	20.08	202	6238	0.266	ng/ul#	86
18) Benzo(a)anthracene	21.79	228	1219	0.056	ng/ul#	1
19) Chrysene	21.84	228	1670	0.073	ng/ul#	19
21) Benzo(b)fluoranthene	23.62	252	861	0.033	ng/ul#	1
22) Benzo(k)fluoranthene	23.62	252	798	0.034	ng/ul#	1

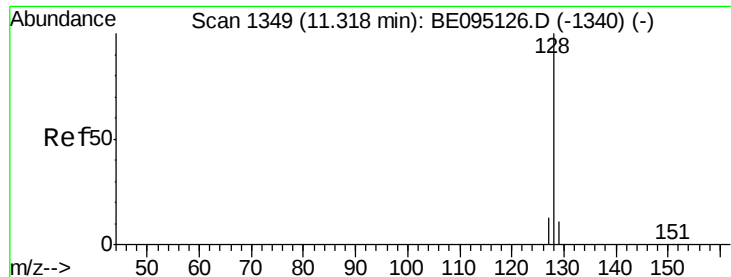
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.033 ng/ul

RT: 11.30 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

Instrument :

BNA_E

ClientSampleId :

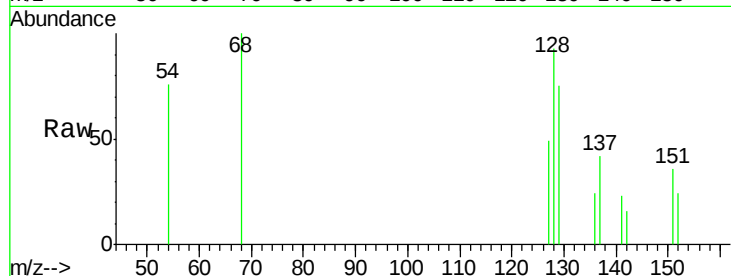
Tot Ion:128 Resp: 529

Ion Ratio Lower Upper

128 100

129 80.7 11.3 16.9#

127 52.5 4.0 6.0#

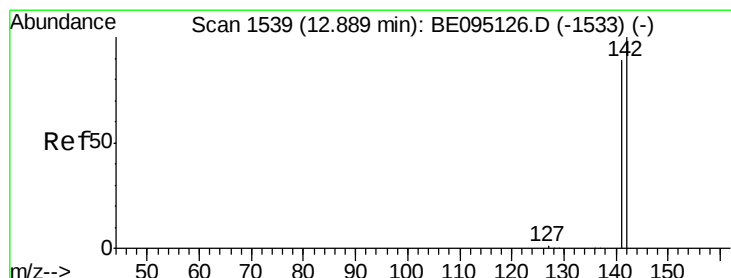
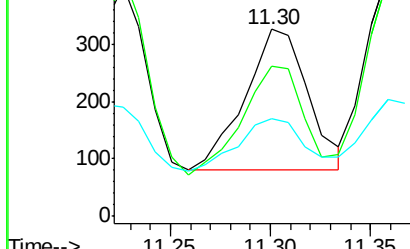
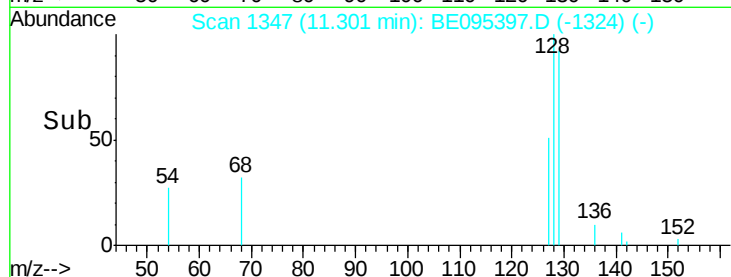


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



#5

2-Methylnaphthalene

Concen: 2.398 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095397.D

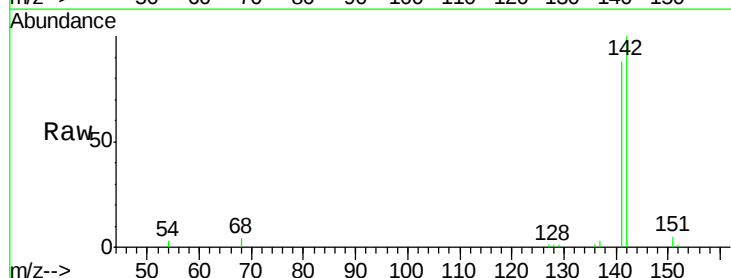
Acq: 2 Feb 2018 15:13

Tgt Ion:142 Resp: 25510

Ion Ratio Lower Upper

142 100

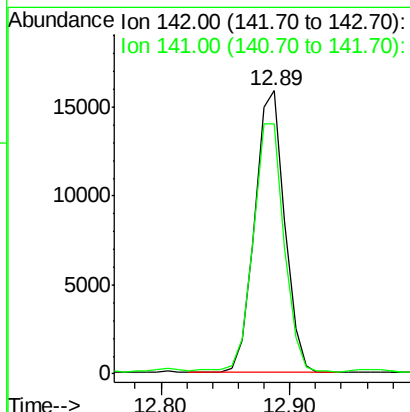
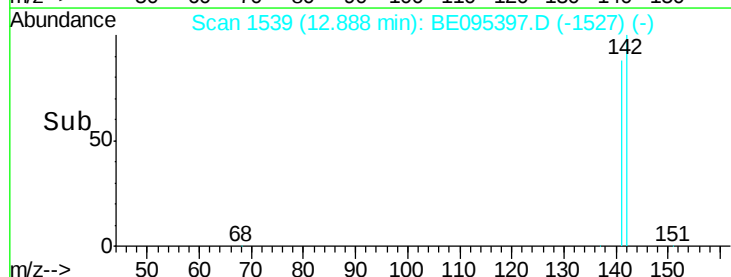
141 90.6 72.6 108.8

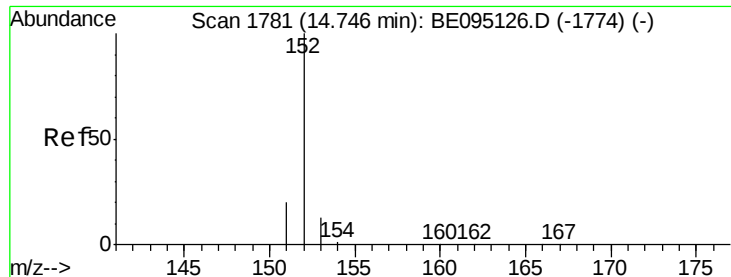


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#7

Acenaphthylene

Concen: 0.150 ng/ul

RT: 14.74 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

Instrument :

BNA_E

ClientSampled :

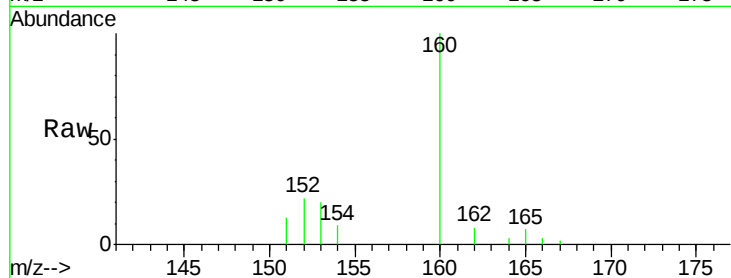
Tot Ion:152 Resp: 2716

Ion Ratio Lower Upper

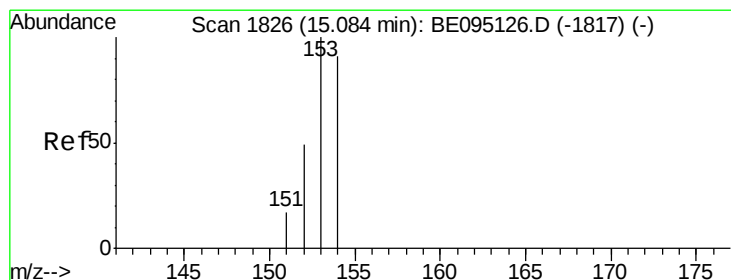
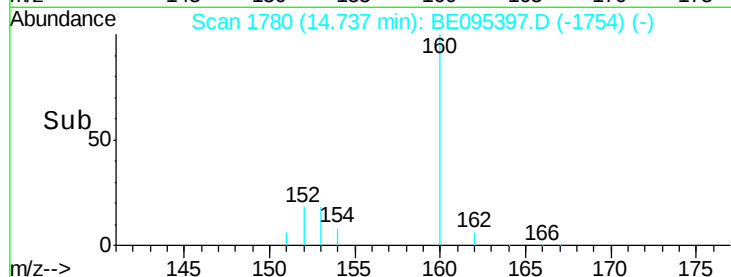
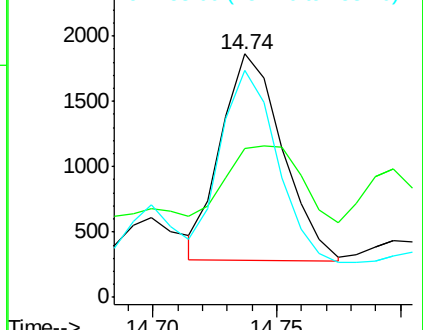
152 100

151 61.2 17.1 25.7#

153 93.3 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: 0.277 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

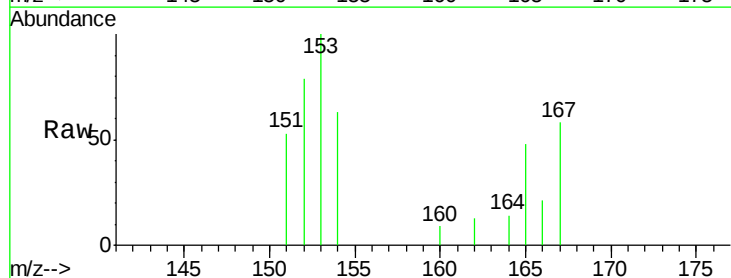
Tgt Ion:153 Resp: 3900

Ion Ratio Lower Upper

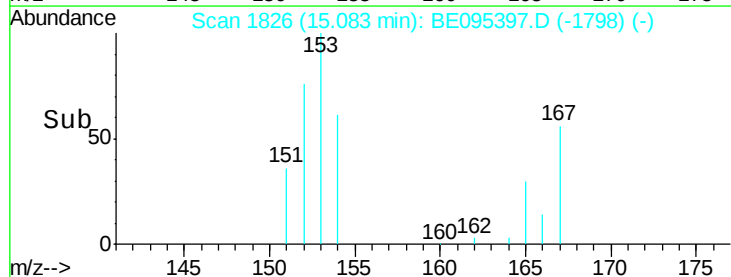
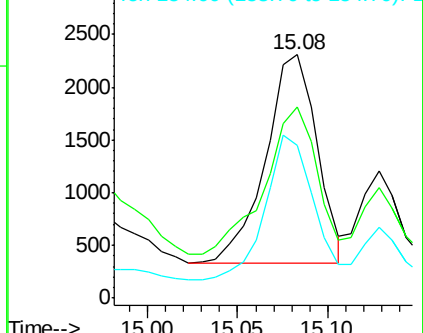
153 100

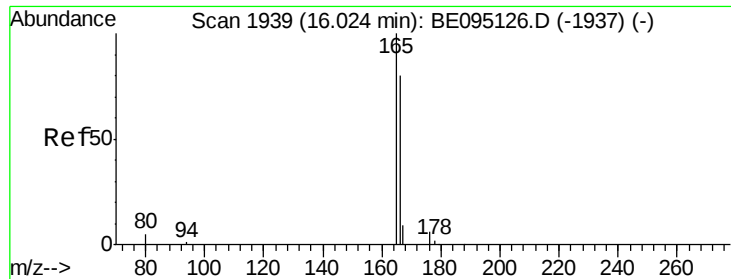
152 78.8 36.0 54.0#

154 62.7 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: 0.412 ng/ul

RT: 16.03 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

Instrument :

BNA_E

ClientSampleId :

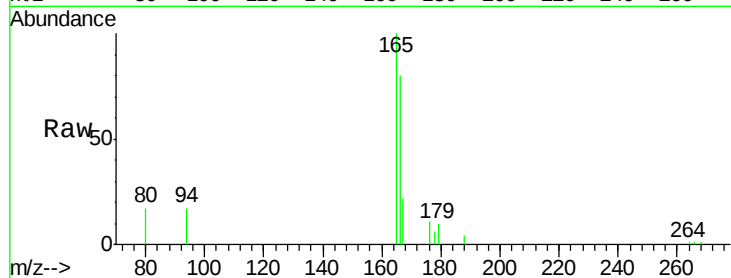
Tot Ion:166 Resp: 5980

Ion Ratio Lower Upper

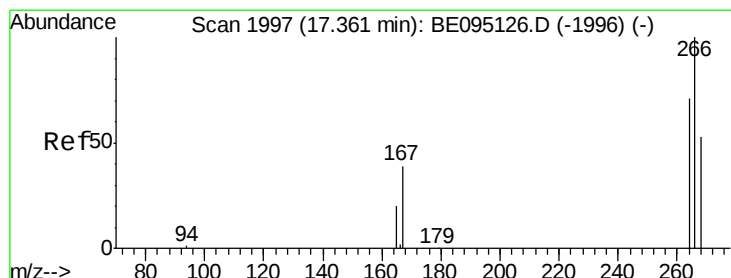
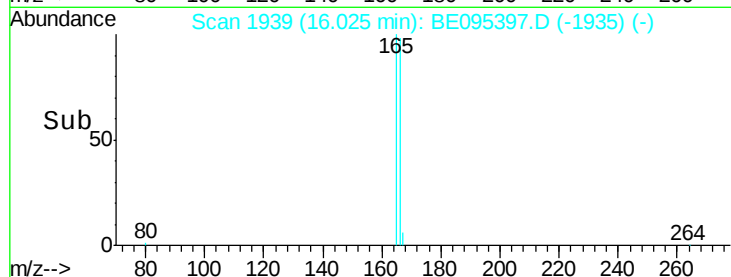
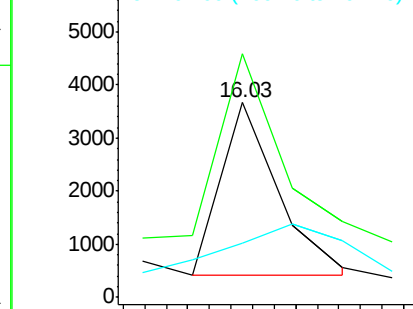
166 100

165 125.0 73.4 110.2#

167 27.5 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: 1.738 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

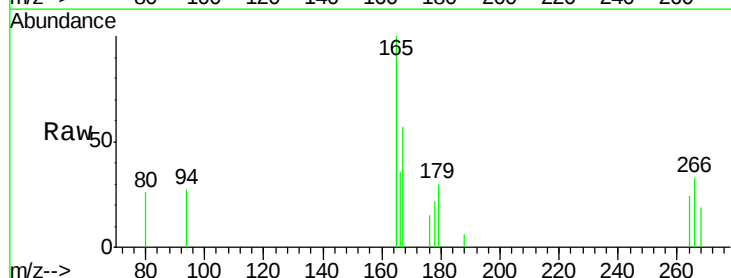
Tgt Ion:266 Resp: 2314

Ion Ratio Lower Upper

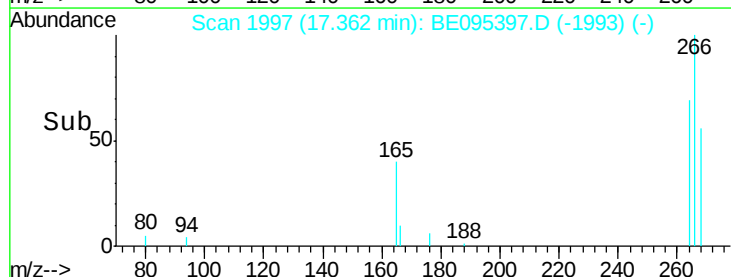
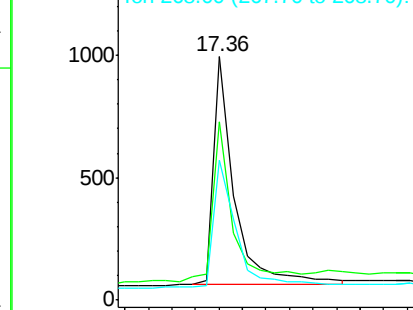
266 100

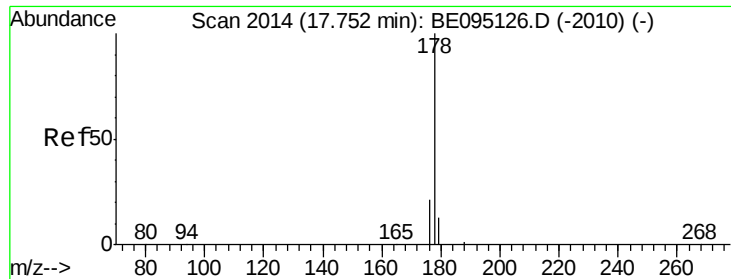
264 60.8 47.9 71.9

268 60.9 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: 1.095 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

Instrument :

BNA_E

ClientSampleId :

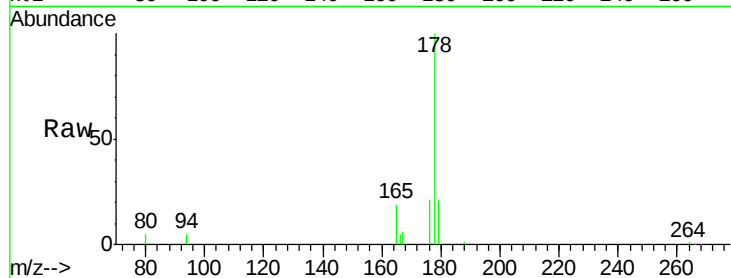
Tot Ion:178 Resp: 25307

Ion Ratio Lower Upper

178 100

179 21.5 18.4 27.6

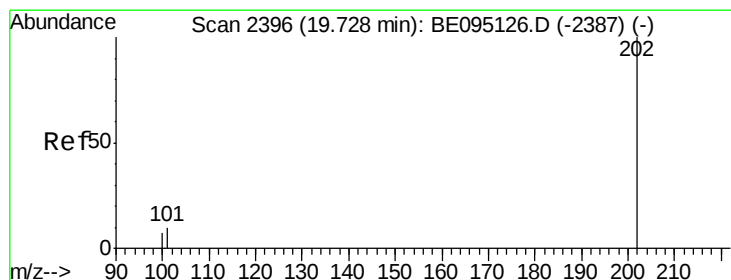
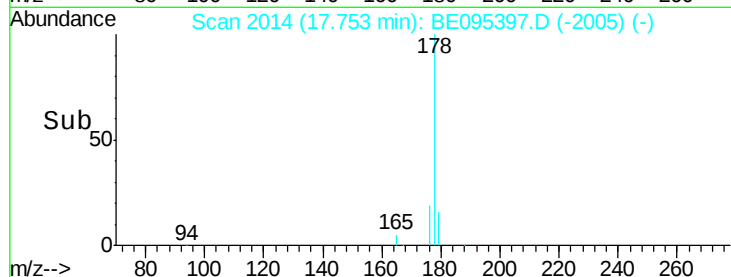
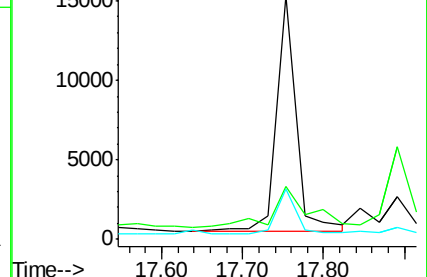
176 20.8 13.6 20.4#



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: 0.098 ng/ul

RT: 19.72 min Scan# 2394

Delta R.T. -0.00 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

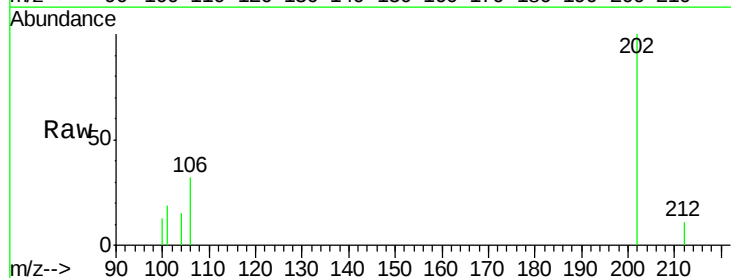
Tgt Ion:202 Resp: 2940

Ion Ratio Lower Upper

202 100

101 18.9 0.0 30.3

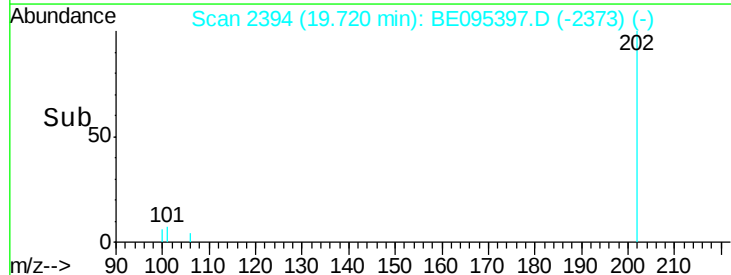
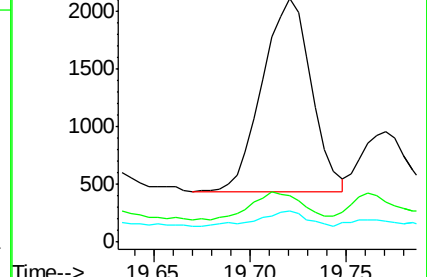
100 12.7 0.0 39.5

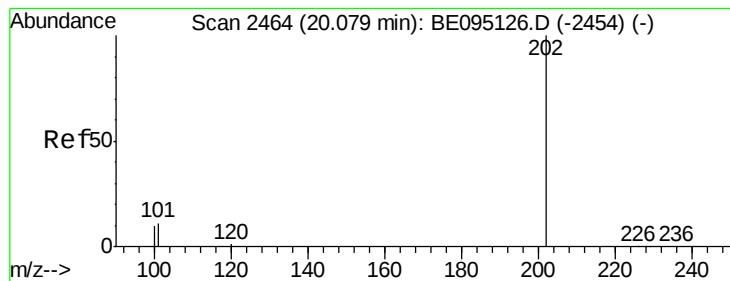


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.266 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.01 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

Instrument :

BNA_E

ClientSampleId :

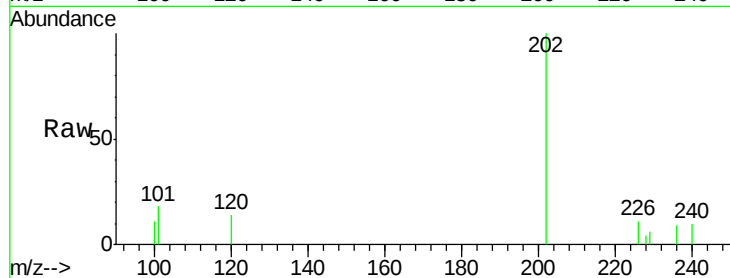
Tot Ion:202 Resp: 6238

Ion Ratio Lower Upper

202 100

101 18.1 18.2 27.4#

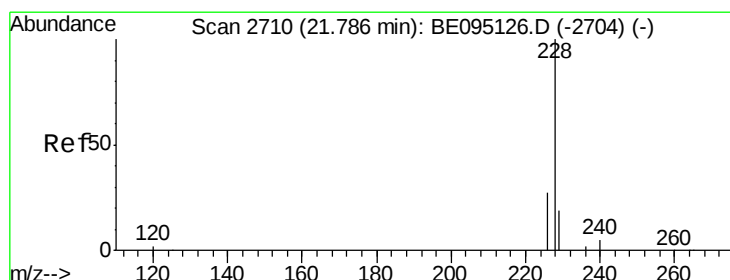
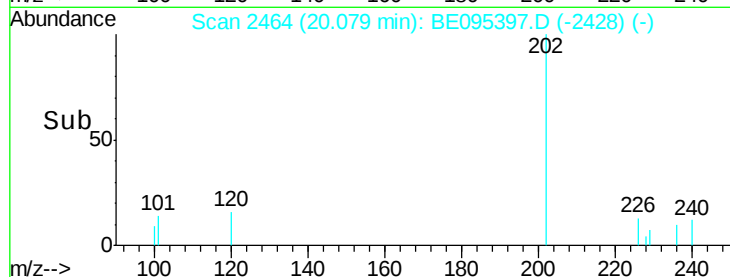
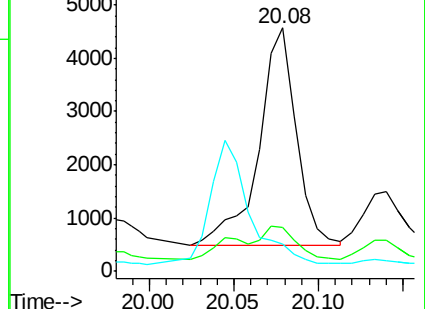
100 11.3 15.6 23.4#



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: 0.056 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

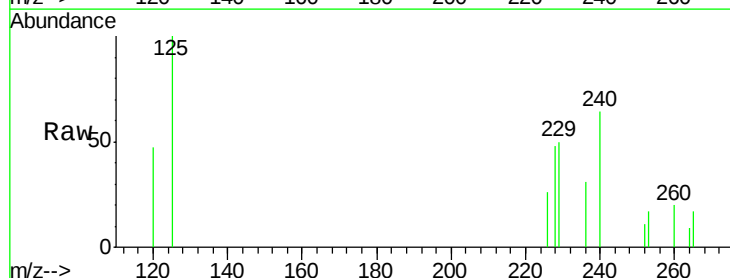
Tgt Ion:228 Resp: 1219

Ion Ratio Lower Upper

228 100

229 103.2 22.8 34.2#

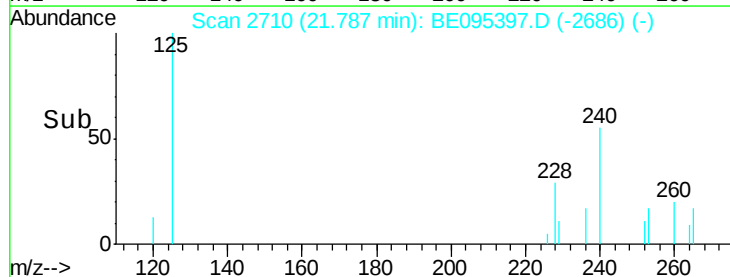
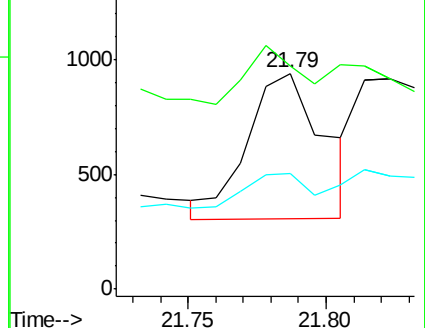
226 53.3 17.0 25.6#

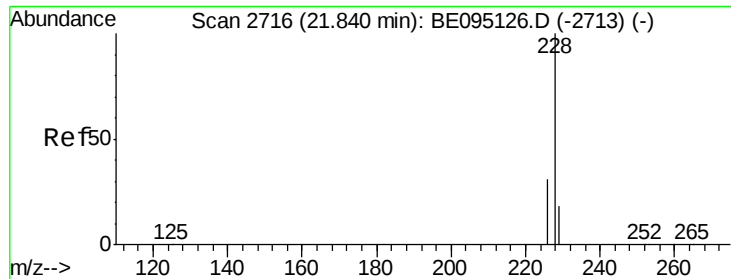


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.073 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

Instrument :

BNA_E

ClientSampleId :

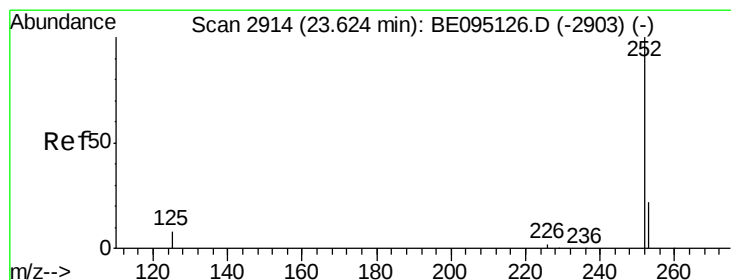
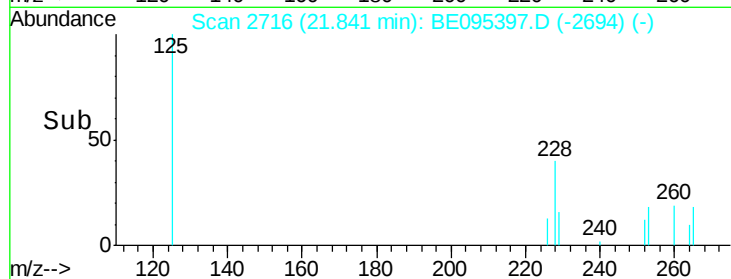
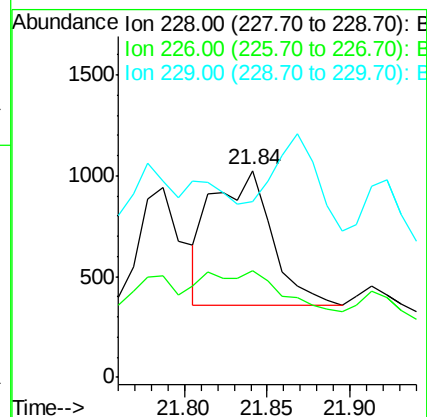
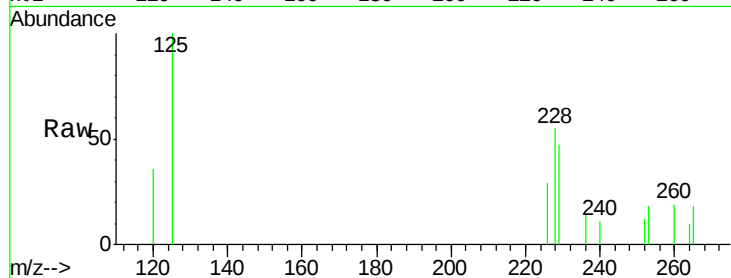
Tot Ion:228 Resp: 1670

Ion Ratio Lower Upper

228 100

226 51.7 23.4 35.0#

229 85.3 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.033 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

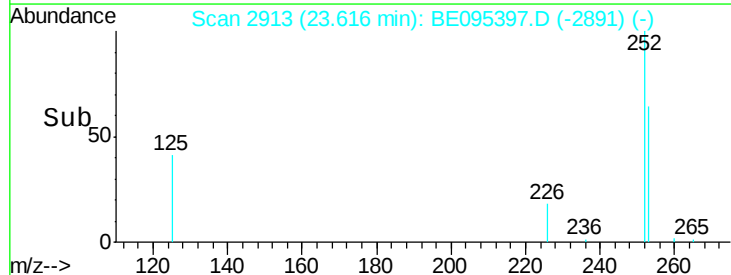
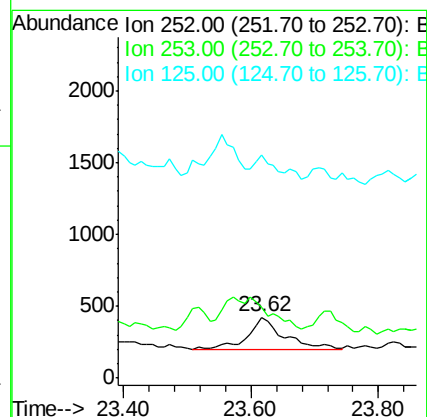
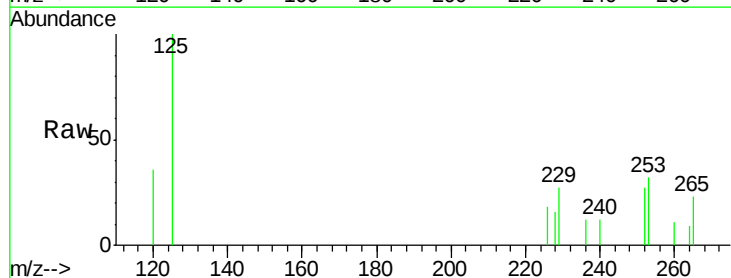
Tgt Ion:252 Resp: 861

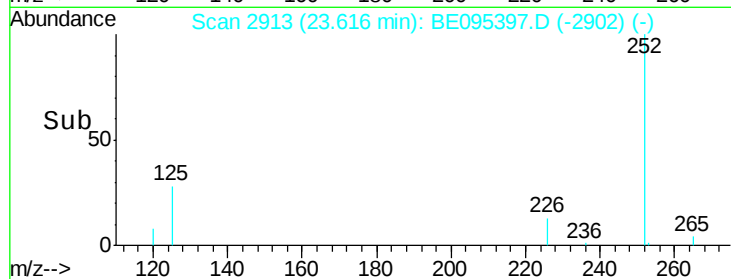
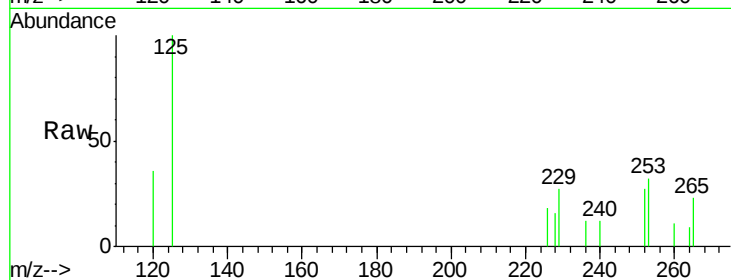
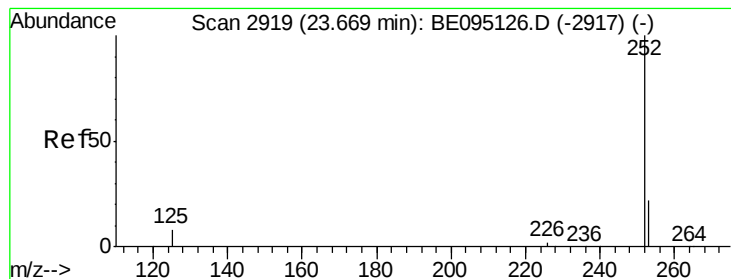
Ion Ratio Lower Upper

252 100

253 116.2 0.0 64.2#

125 365.4 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.034 ng/ul

RT: 23.62 min Scan# 2913

Delta R.T. -0.05 min

Lab File: BE095397.D

Acq: 2 Feb 2018 15:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 798

Ion Ratio Lower Upper

252 100

253 116.2 24.5 36.7#

125 365.4 13.7 20.5#

