

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096004.D
 Acq On : 16 Apr 2018 11:49
 Operator : SJ/JU
 Sample : J2313-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 16 13:04:29 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 13:04:01 2018
 Response via : Initial Calibration

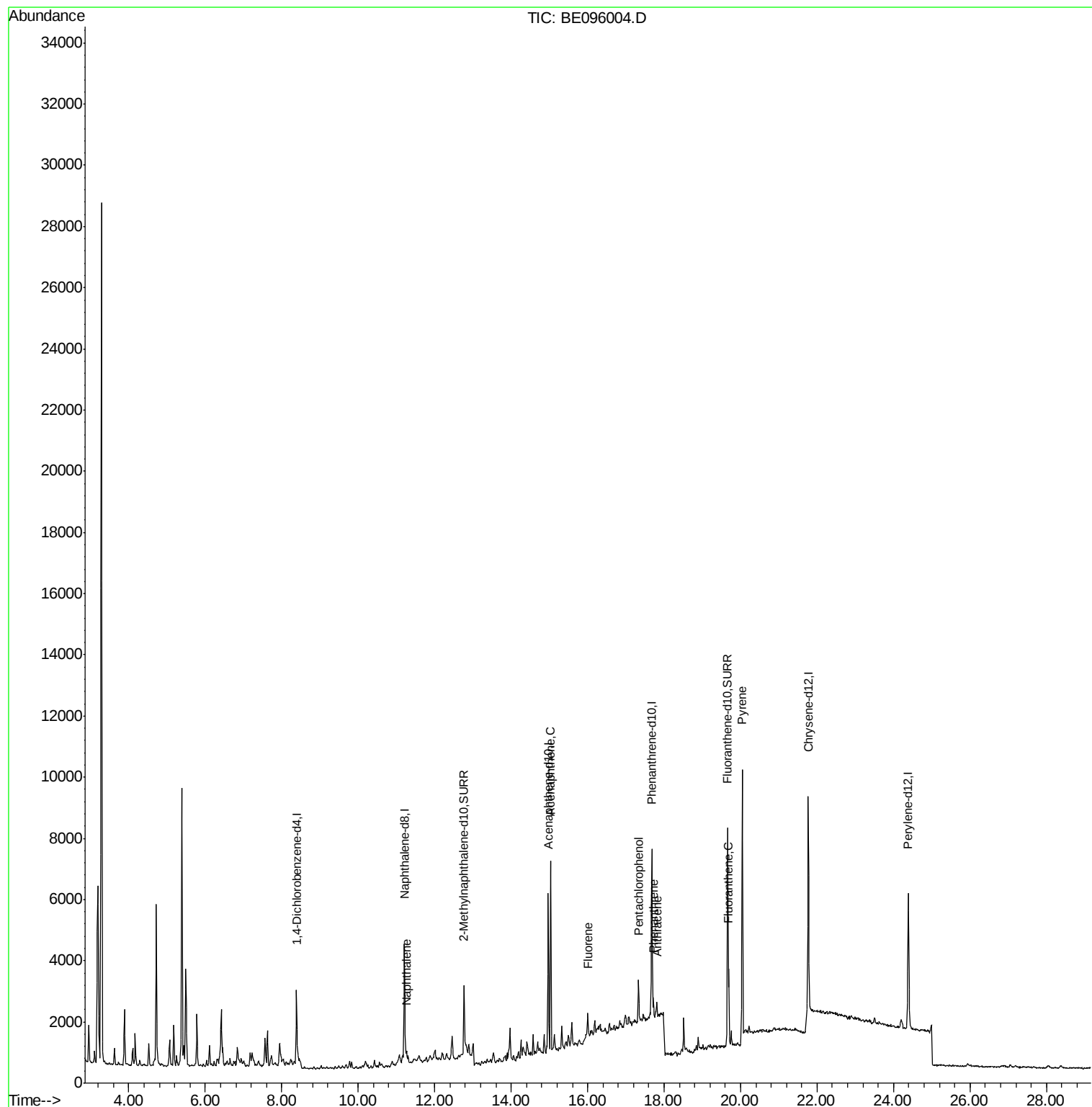
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1873	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	5072	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2875	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6574	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	8150	0.40	ng/ul	0.00
20) Perylene-d12	24.39	264	6611	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2961	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	8239	0.30	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.26	128	387	0.027	ng/ul#	45
8) Acenaphthene	15.03	153	3636	0.340	ng/ul	93
9) Fluorene	16.00	166	547	0.045	ng/ul#	69
11) Pentachlorophenol	17.33	266	662	0.476	ng/ul	95
12) Phenanthrene	17.72	178	718	0.037	ng/ul#	46
13) Anthracene	17.81	178	590	0.031	ng/ul#	46
15) Fluoranthene	19.69	202	2866	0.109	ng/ul	83
17) Pyrene	20.05	202	10826	0.391	ng/ul#	80

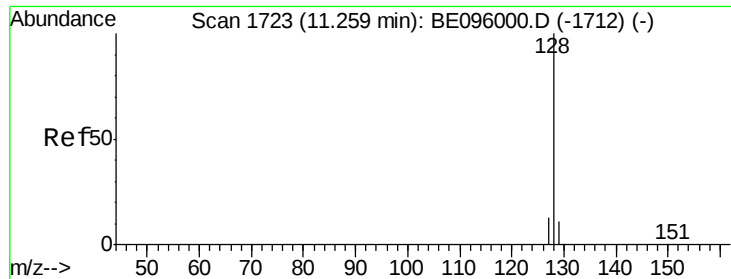
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.027 ng/ul

RT: 11.26 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BE096004.D

Acq: 16 Apr 2018 11:49

Instrument :

BNA_E

ClientSampleId :

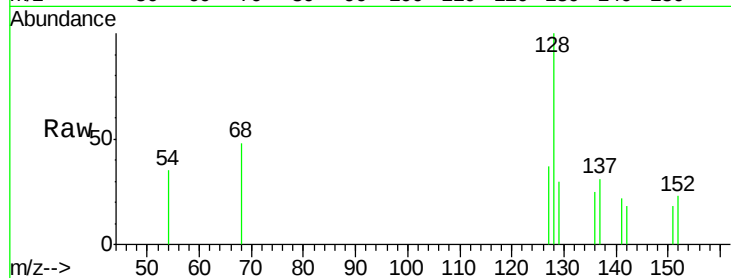
Tot Ion:128 Resp: 387

Ion Ratio Lower Upper

128 100

129 30.2 11.3 16.9#

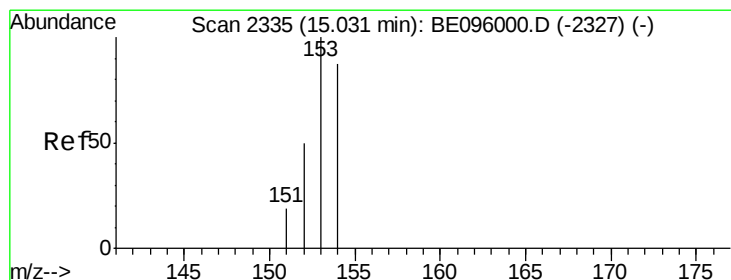
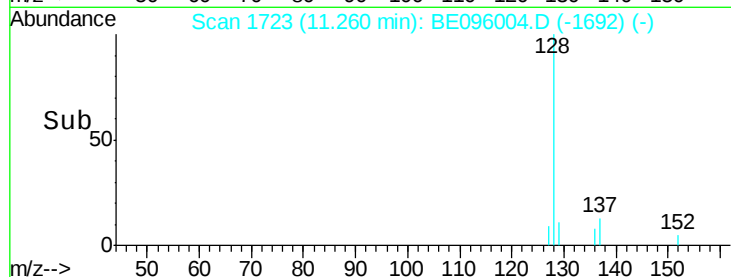
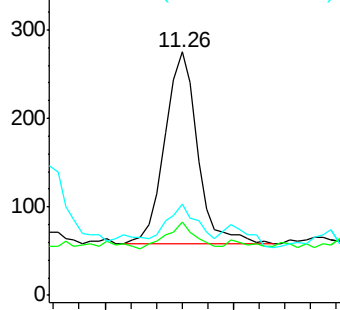
127 37.5 4.0 6.0#



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



#8

Acenaphthene

Concen: 0.340 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BE096004.D

Acq: 16 Apr 2018 11:49

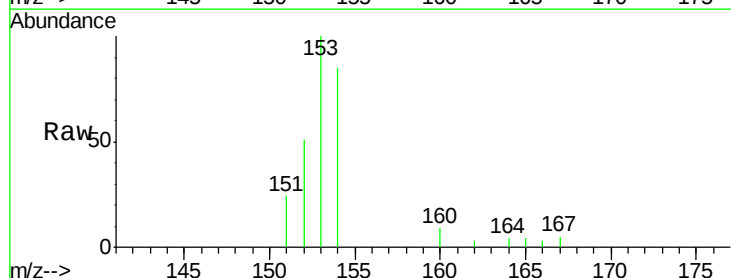
Tgt Ion:153 Resp: 3636

Ion Ratio Lower Upper

153 100

152 50.7 36.0 54.0

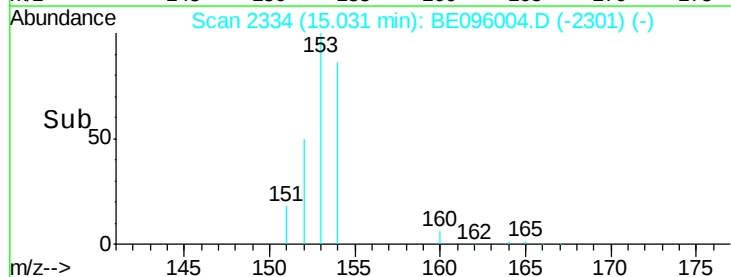
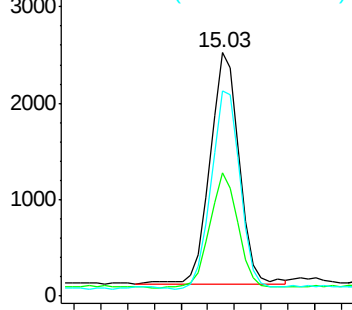
154 84.5 72.0 108.0

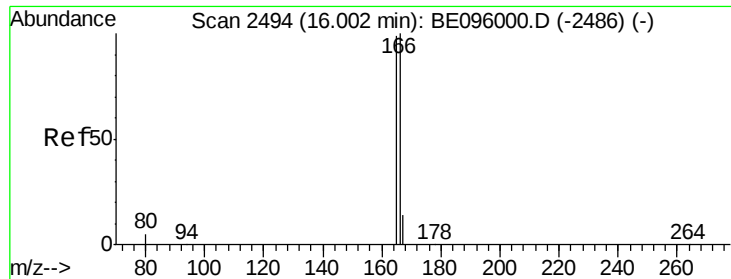


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.045 ng/ul

RT: 16.00 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BE096004.D

Acq: 16 Apr 2018 11:49

Instrument :

BNA_E

ClientSampleId :

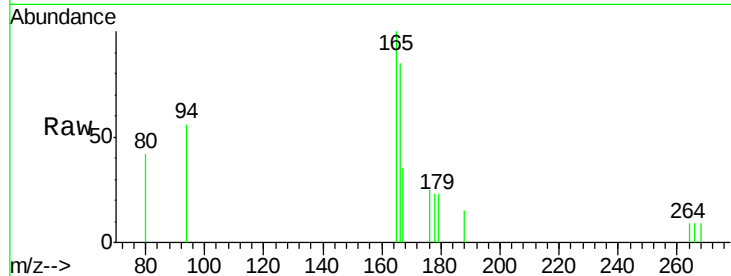
Tot Ion:166 Resp: 547

Ion Ratio Lower Upper

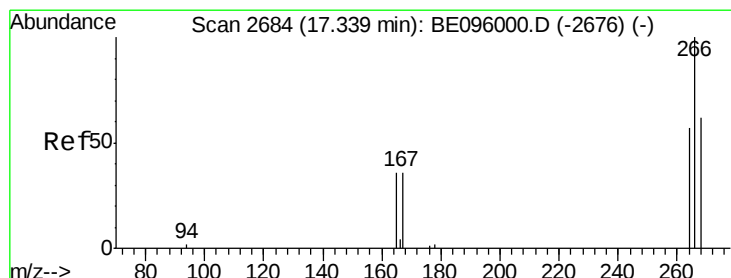
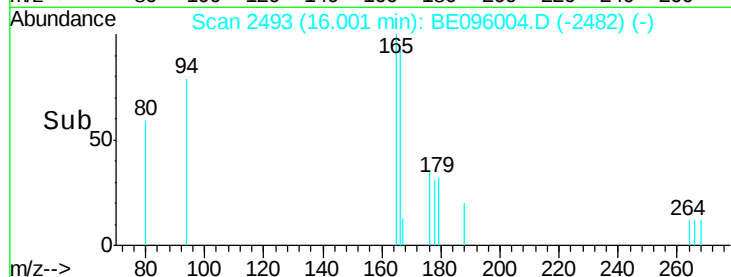
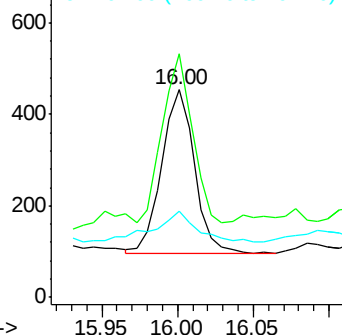
166 100

165 117.4 73.4 110.2#

167 41.5 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: 0.476 ng/ul

RT: 17.33 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BE096004.D

Acq: 16 Apr 2018 11:49

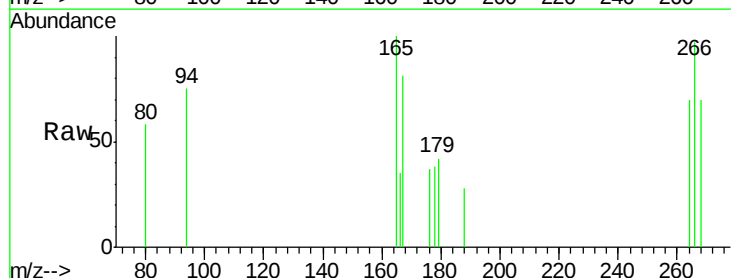
Tgt Ion:266 Resp: 662

Ion Ratio Lower Upper

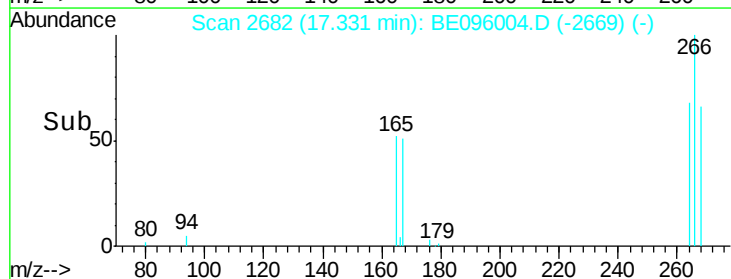
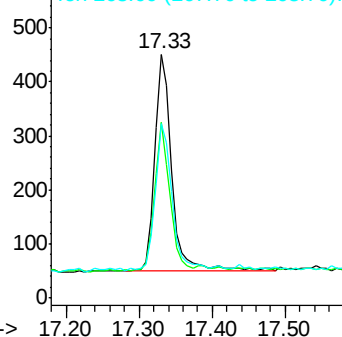
266 100

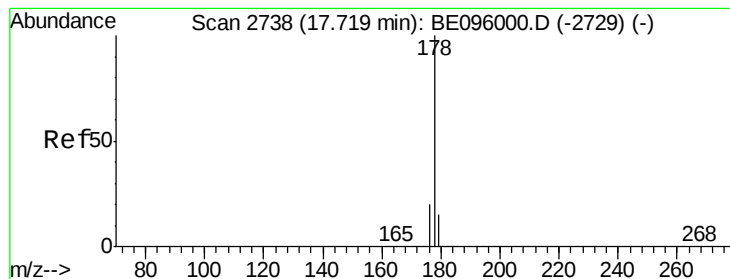
264 62.8 47.9 71.9

268 66.5 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: 0.037 ng/ul

RT: 17.72 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BE096004.D

Acq: 16 Apr 2018 11:49

Instrument :

BNA_E

ClientSampleId :

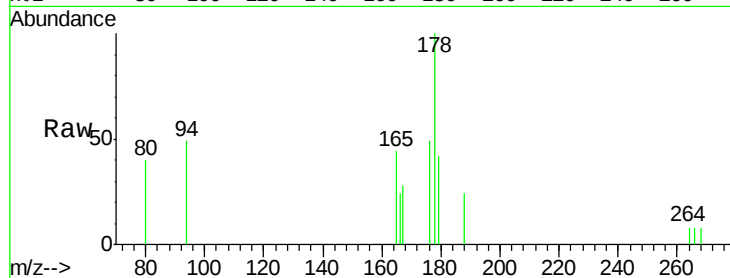
Tot Ion:178 Resp: 718

Ion Ratio Lower Upper

178 100

179 42.2 18.4 27.6#

176 49.2 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

17.72

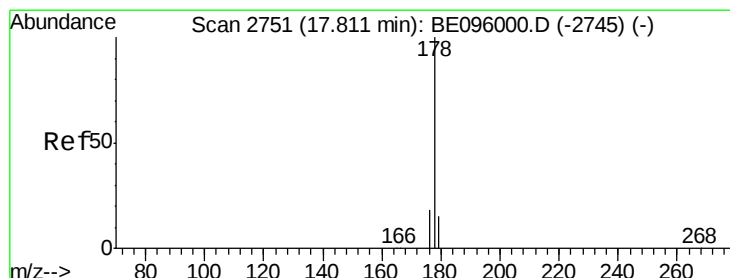
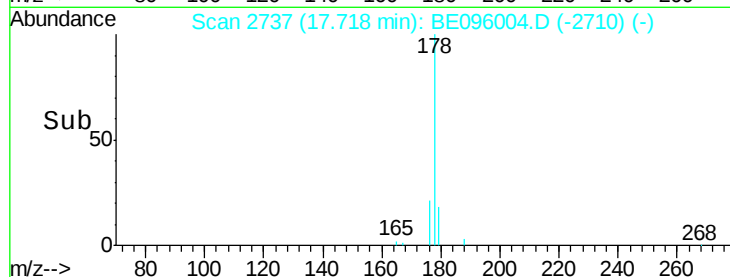
600

400

200

0

Time-->



#13

Anthracene

Concen: 0.031 ng/ul

RT: 17.81 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BE096004.D

Acq: 16 Apr 2018 11:49

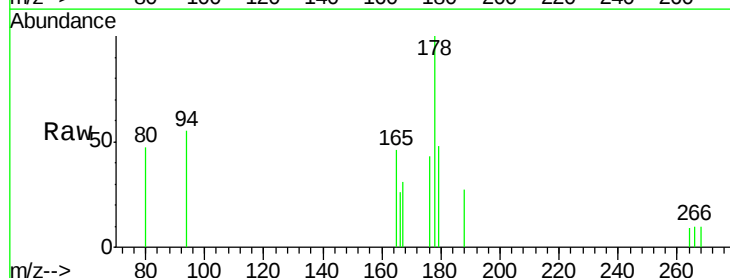
Tgt Ion:178 Resp: 590

Ion Ratio Lower Upper

178 100

179 47.9 18.1 27.1#

176 43.3 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

17.81

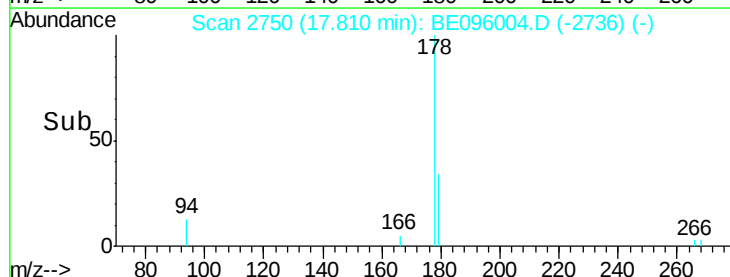
600

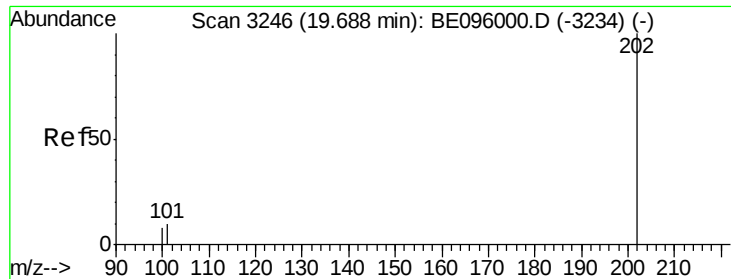
400

200

0

Time-->





#15

Fluoranthene

Concen: 0.109 ng/ul

RT: 19.69 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BE096004.D

Acq: 16 Apr 2018 11:49

Instrument :

BNA_E

ClientSampleId :

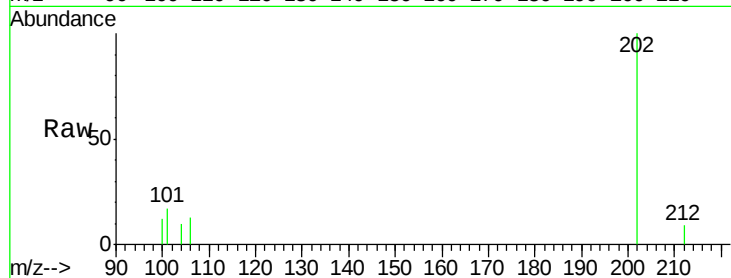
Tot Ion:202 Resp: 2866

Ion Ratio Lower Upper

202 100

101 16.6 0.0 30.3

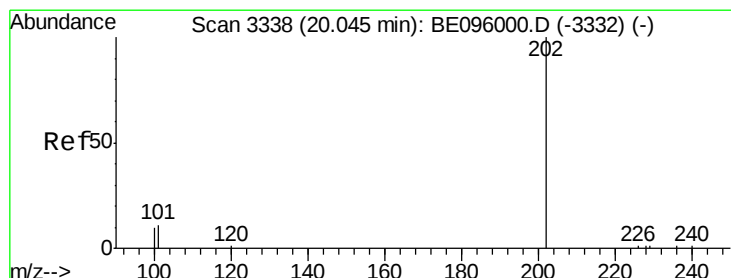
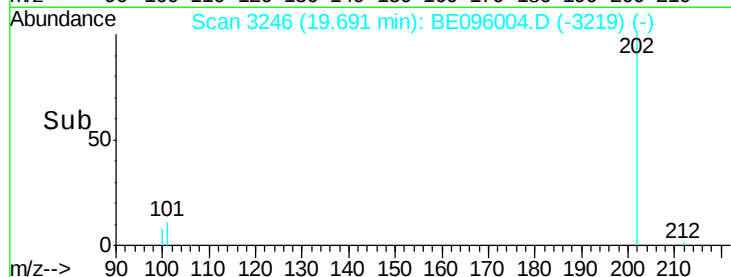
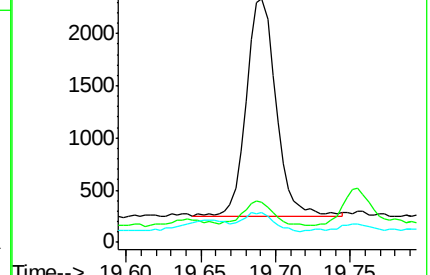
100 12.0 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.391 ng/ul

RT: 20.05 min Scan# 3338

Delta R.T. -0.00 min

Lab File: BE096004.D

Acq: 16 Apr 2018 11:49

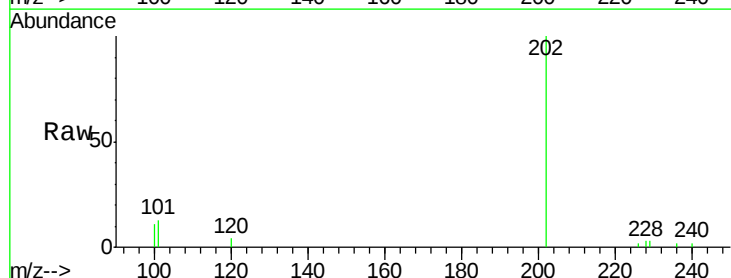
Tgt Ion:202 Resp: 10826

Ion Ratio Lower Upper

202 100

101 12.9 18.2 27.4#

100 10.8 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): BE

