

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096016.D
 Acq On : 17 Apr 2018 2:02
 Operator : SJ/JU
 Sample : J2313-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 17 03:04:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 17 01:14:57 2018
 Response via : Initial Calibration

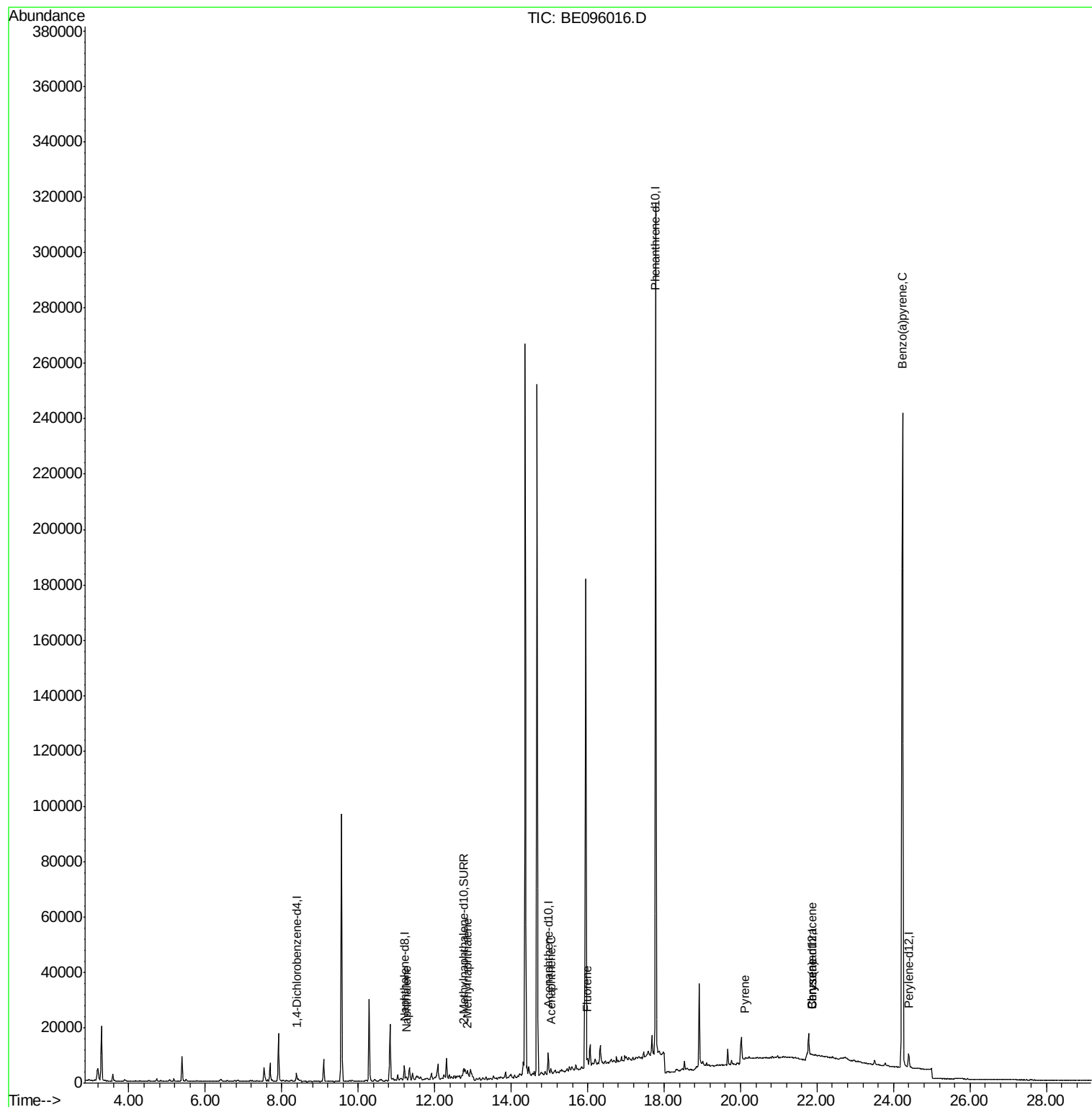
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2251	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	6406	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	6327	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	364337	0.40	ng/ul	0.11
16) Chrysene-d12	21.87	240	319	0.40	ng/ul	0.10
20) Perylene-d12	24.40	264	8554	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2589	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.76	212	443	0.00	ng/ul	0.10
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	878	0.049	ng/ul#	43
5) 2-Methylnaphthalene	12.83	142	353	0.029	ng/ul#	4
8) Acenaphthene	15.04	153	1666	0.071	ng/ul#	72
9) Fluorene	16.00	166	592	0.022	ng/ul#	30
17) Pyrene	20.11	202	274	0.253	ng/ul#	61
18) Benzo(a)anthracene	21.88	228	194	0.151	ng/ul#	1
19) Chrysene	21.88	228	108	0.116	ng/ul#	1
23) Benzo(a)pyrene	24.23	252	1525	0.057	ng/ul#	11

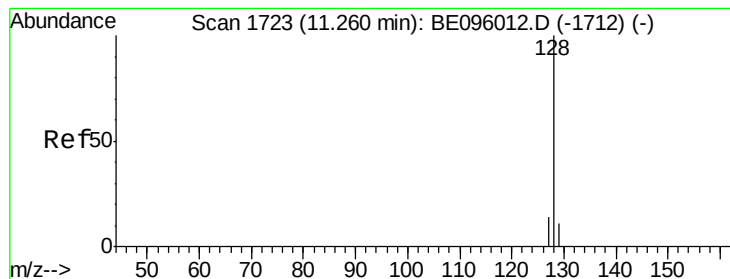
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.049 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BE096016.D

Acq: 17 Apr 2018 2:02

Instrument :

BNA_E

ClientSampleId :

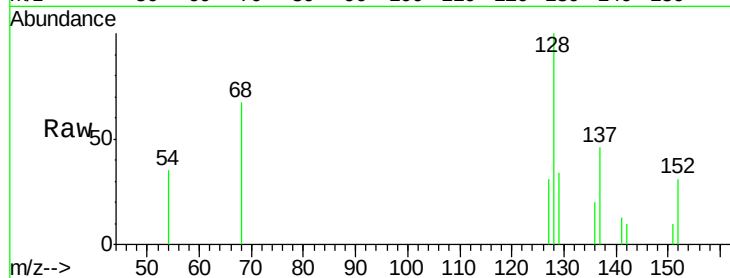
Tot Ion:128 Resp: 878

Ion Ratio Lower Upper

128 100

129 34.4 11.3 16.9#

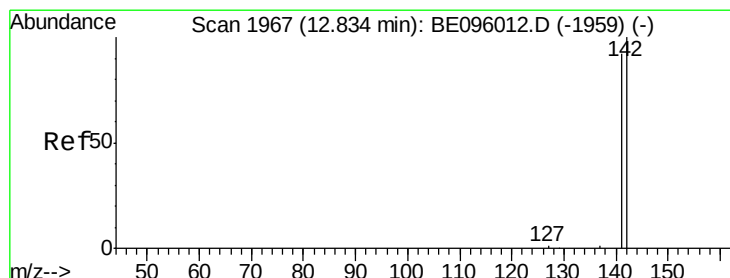
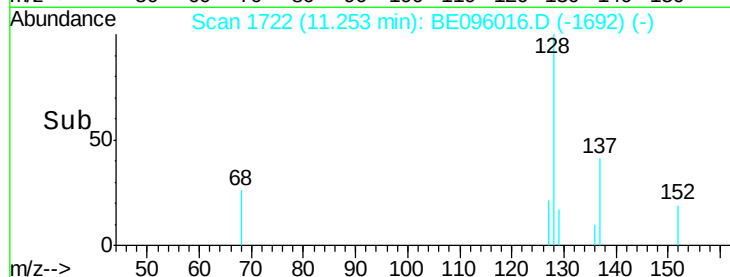
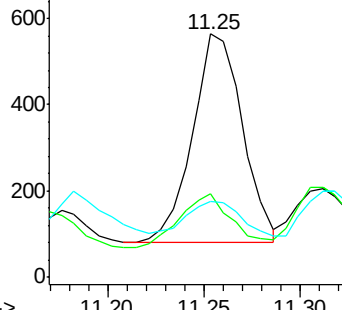
127 31.0 4.0 6.0#



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: 0.029 ng/ul

RT: 12.83 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BE096016.D

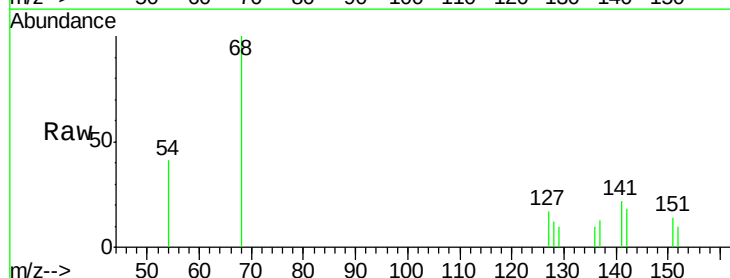
Acq: 17 Apr 2018 2:02

Tgt Ion:142 Resp: 353

Ion Ratio Lower Upper

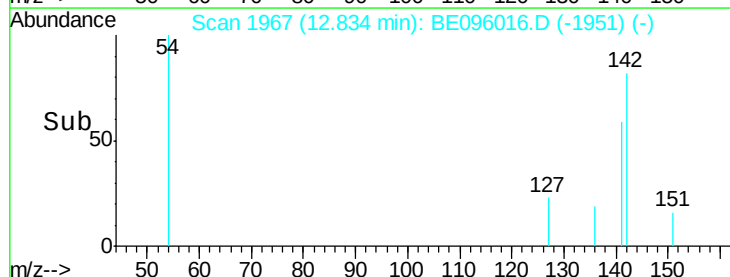
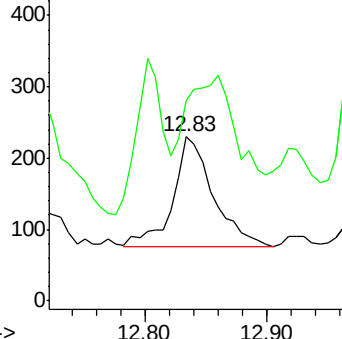
142 100

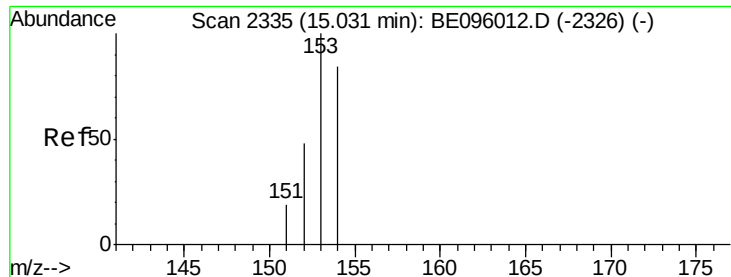
141 0.0 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.071 ng/ul

RT: 15.04 min Scan# 2335

Delta R.T. 0.01 min

Lab File: BE096016.D

Acq: 17 Apr 2018 2:02

Instrument :

BNA_E

ClientSampleId :

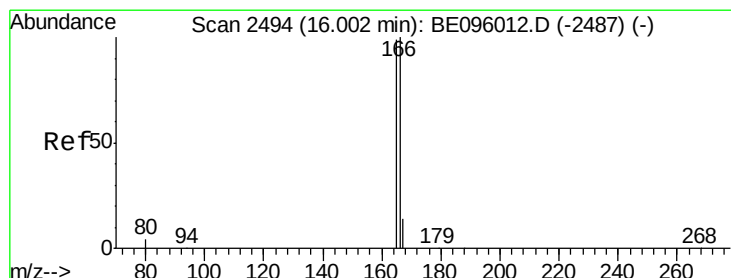
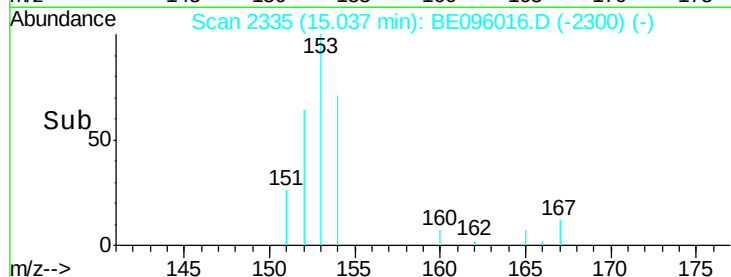
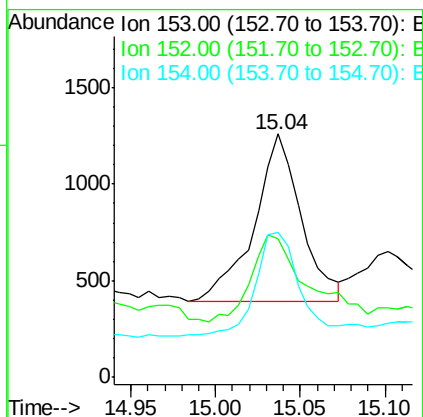
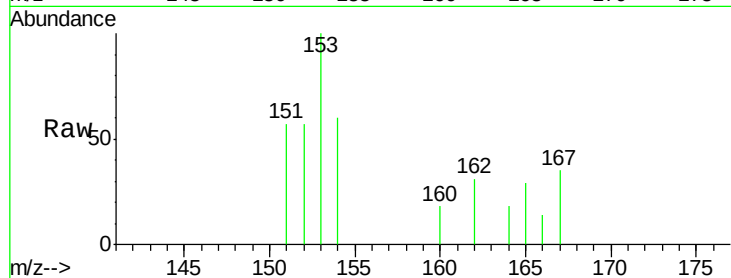
Tot Ion:153 Resp: 1666

Ion Ratio Lower Upper

153 100

152 57.0 36.0 54.0#

154 59.6 72.0 108.0#



#9

Fluorene

Concen: 0.022 ng/ul

RT: 16.00 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BE096016.D

Acq: 17 Apr 2018 2:02

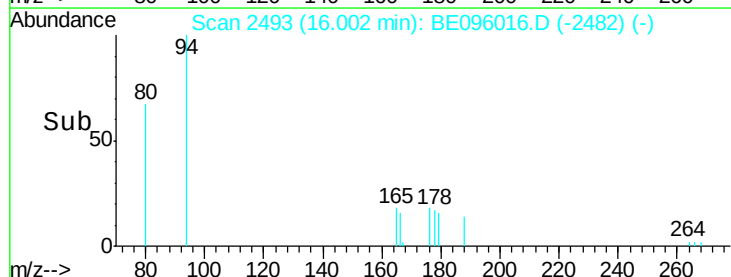
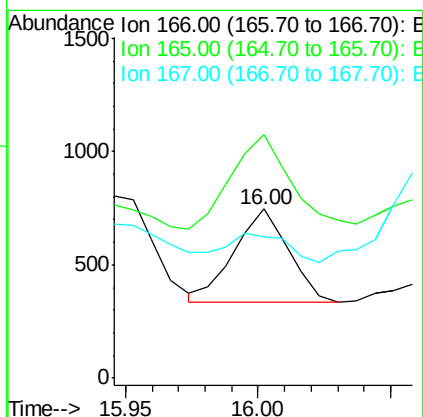
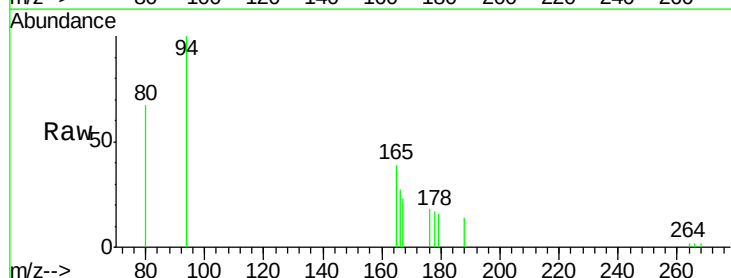
Tgt Ion:166 Resp: 592

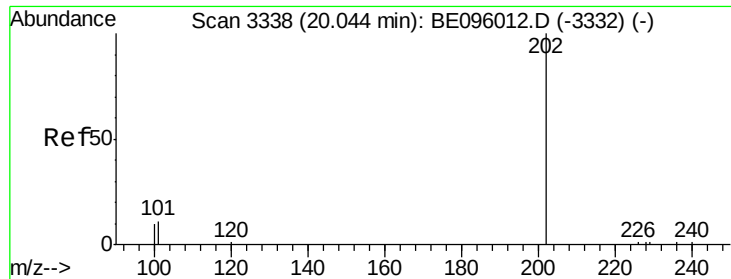
Ion Ratio Lower Upper

166 100

165 144.1 73.4 110.2#

167 83.8 14.6 22.0#





#17

Pvrene

Concen: 0.253 ng/ul

RT: 20.11 min Scan# 3350

Delta R.T. 0.07 min

Lab File: BE096016.D

Acq: 17 Apr 2018 2:02

Instrument :

BNA_E

ClientSampleId :

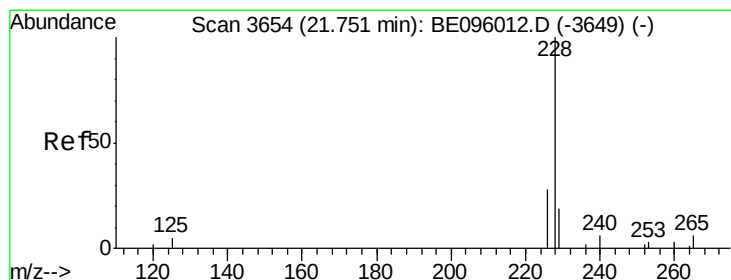
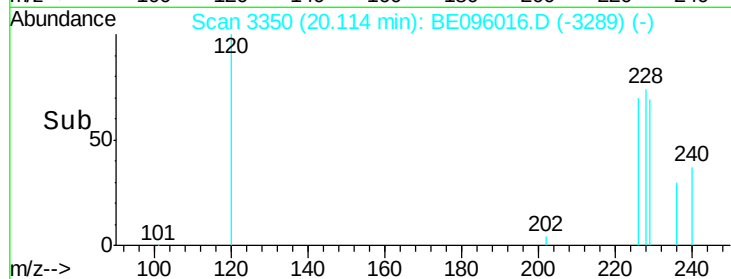
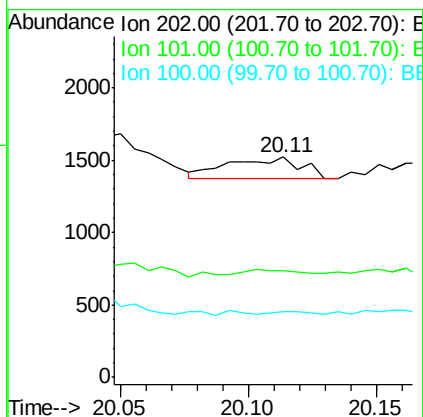
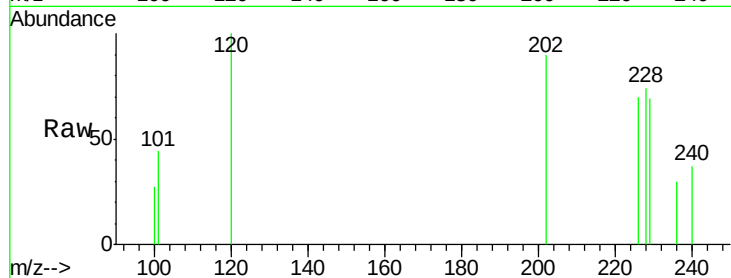
Tot Ion:202 Resp: 274

Ion Ratio Lower Upper

202 100

101 48.6 18.2 27.4#

100 30.0 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 0.151 ng/ul

RT: 21.88 min Scan# 3671

Delta R.T. 0.13 min

Lab File: BE096016.D

Acq: 17 Apr 2018 2:02

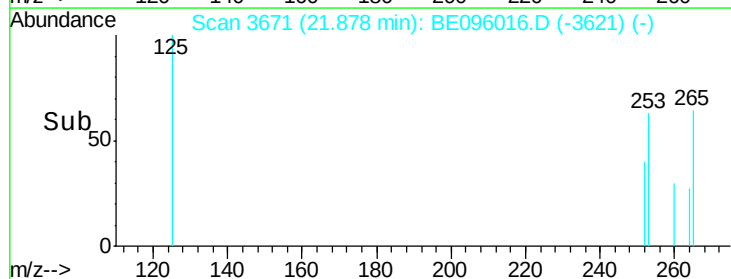
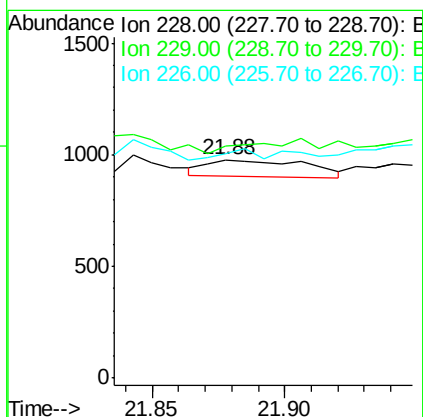
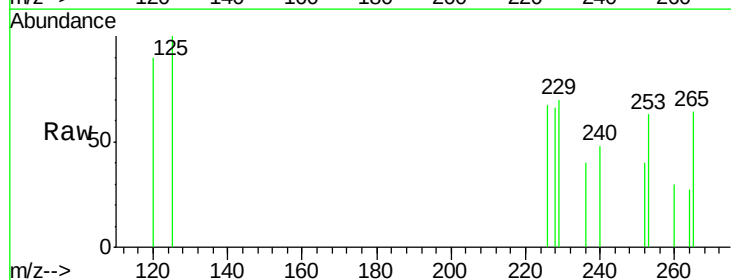
Tgt Ion:228 Resp: 194

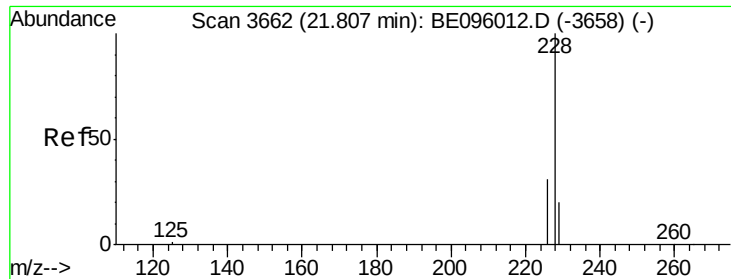
Ion Ratio Lower Upper

228 100

229 106.3 22.8 34.2#

226 102.7 17.0 25.6#





#19

Chrysene

Concen: 0.116 ng/ul

RT: 21.88 min Scan# 3671

Delta R.T. 0.07 min

Lab File: BE096016.D

Acq: 17 Apr 2018 2:02

Instrument :

BNA_E

ClientSampleId :

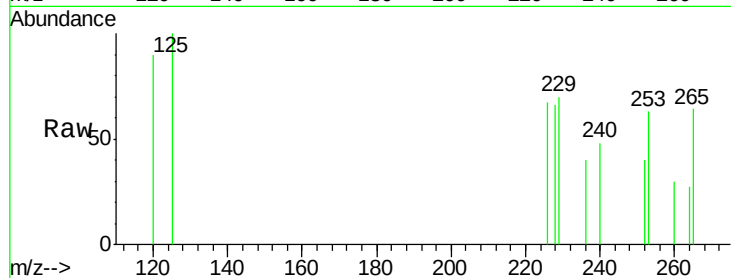
Tot Ion:228 Resp: 108

Ion Ratio Lower Upper

228 100

226 102.7 23.4 35.0#

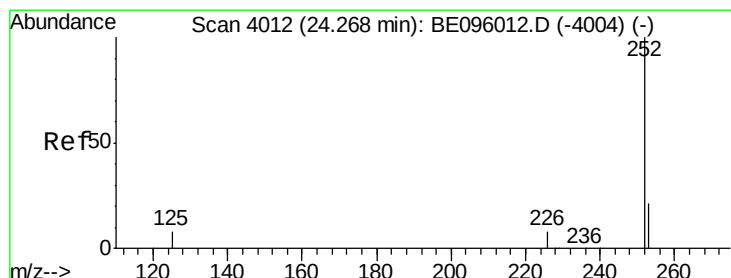
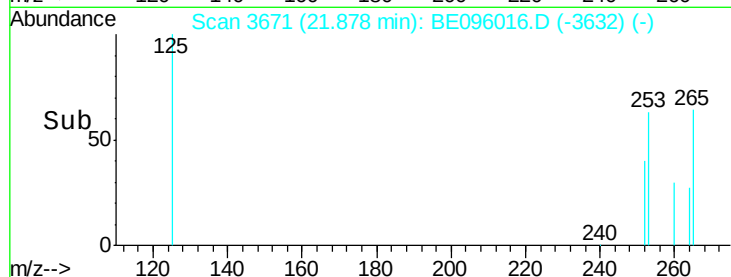
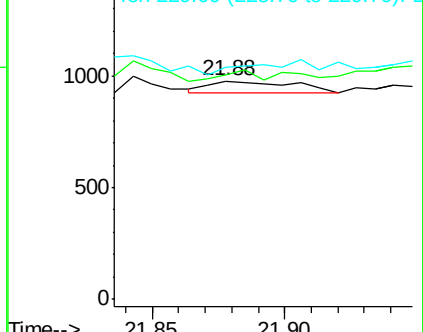
229 106.3 17.7 26.5#



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: 0.057 ng/ul

RT: 24.23 min Scan# 4006

Delta R.T. -0.03 min

Lab File: BE096016.D

Acq: 17 Apr 2018 2:02

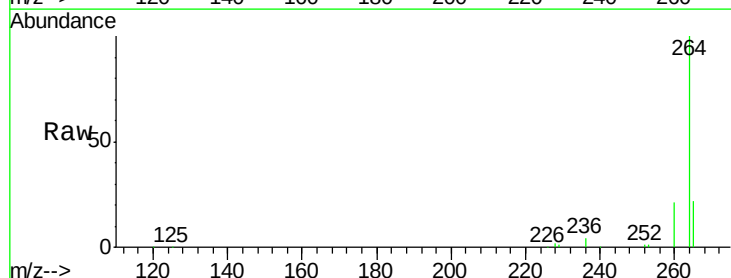
Tgt Ion:252 Resp: 1525

Ion Ratio Lower Upper

252 100

253 79.3 28.5 42.7#

125 76.3 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

