

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096042.D
 Acq On : 20 Apr 2018 15:49
 Operator : SJ/JU
 Sample : J2313-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1A38RE

Quant Time: Apr 21 01:00:03 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 21 00:59:26 2018
 Response via : Initial Calibration

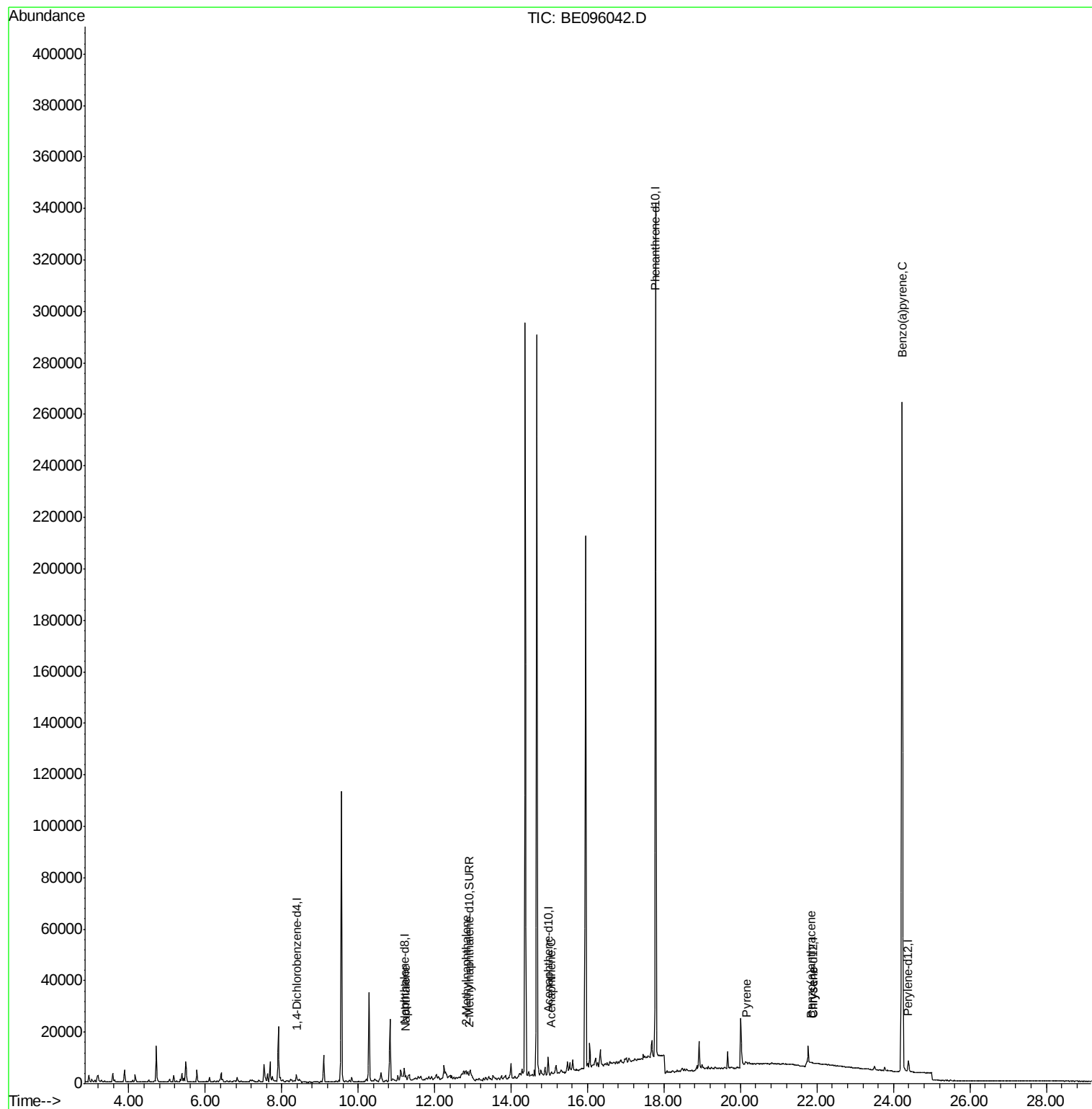
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1936	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	5094	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	6795	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	392317	0.40	ng/ul	0.11
16) Chrysene-d12	21.88	240	100	0.40	ng/ul	0.11
20) Perylene-d12	24.39	264	7221	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.90	152	279	0.03	ng/ul	0.14
14) Fluoranthene-d10	19.76	212	68	0.00	ng/ul	0.10
Target Compounds						
3) Naphthalene	11.25	128	1389	0.098	ng/ul#	1
5) 2-Methylnaphthalene	12.83	142	230	0.024	ng/ul#	4
8) Acenaphthene	15.05	153	768	0.030	ng/ul#	66
17) Pyrene	20.16	202	380	1.118	ng/ul#	71
18) Benzo(a)anthracene	21.86	228	35	0.087	ng/ul#	1
19) Chrysene	21.89	228	393	1.352	ng/ul#	1
23) Benzo(a)pyrene	24.22	252	1600	0.071	ng/ul#	28

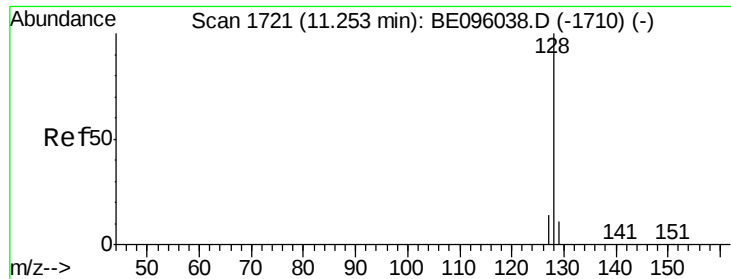
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.098 ng/ul

RT: 11.25 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BE096042.D

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Instrument :

BNA_E

ClientSampleId :

F1A38RE

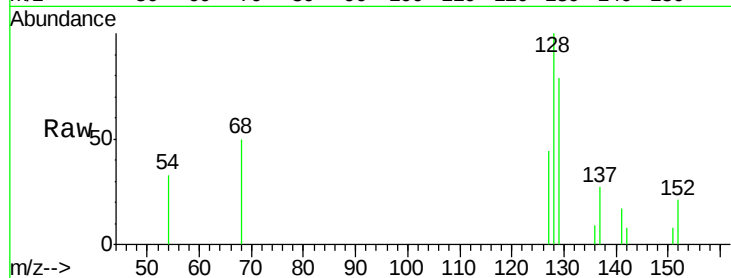
Tot Ion:128 Resp: 1389

Ion Ratio Lower Upper

128 100

129 79.0 11.3 16.9#

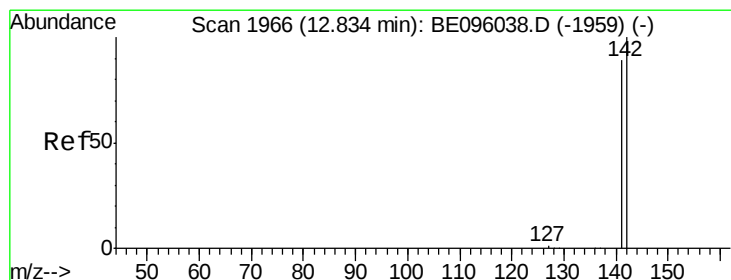
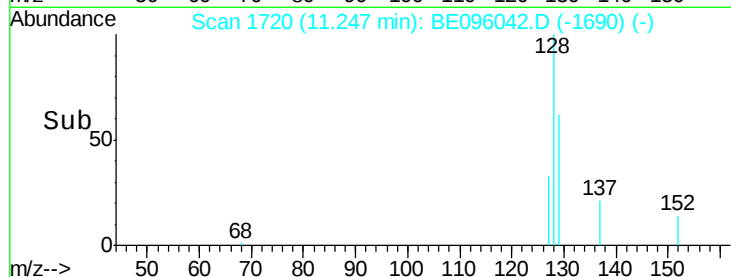
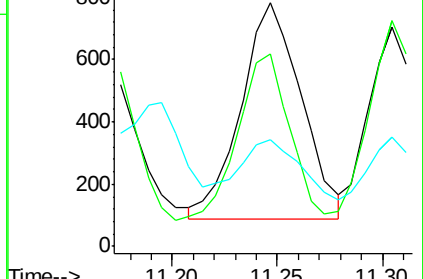
127 44.0 4.0 6.0#



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: 0.024 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE096042.D

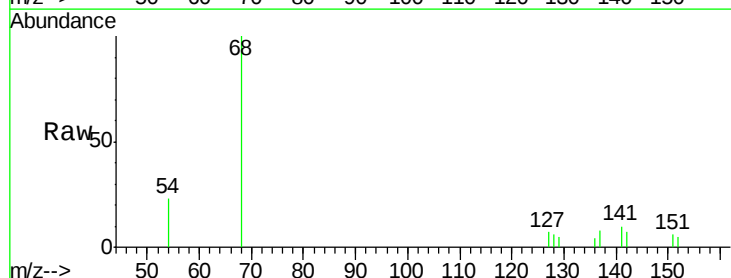
Acq: 20 Apr 2018 15:49

Tgt Ion:142 Resp: 230

Ion Ratio Lower Upper

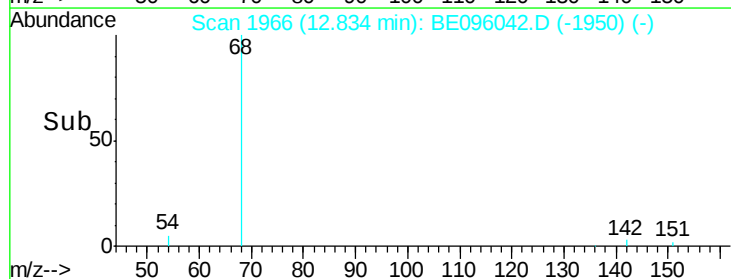
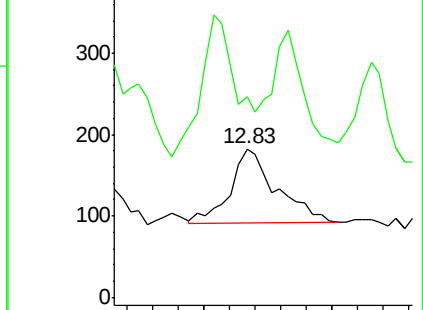
142 100

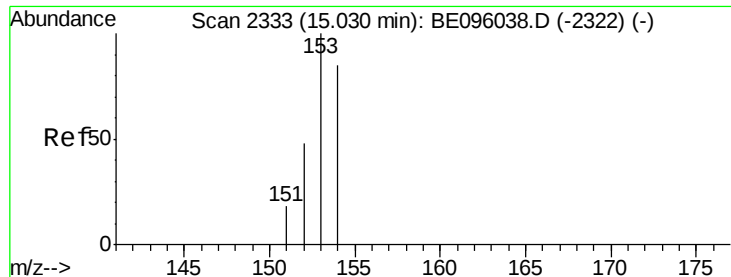
141 0.0 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.030 ng/ul

RT: 15.05 min Scan# 2336

Delta R.T. 0.02 min

Lab File: BE096042.D

Acq: 20 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :

F1A38RE

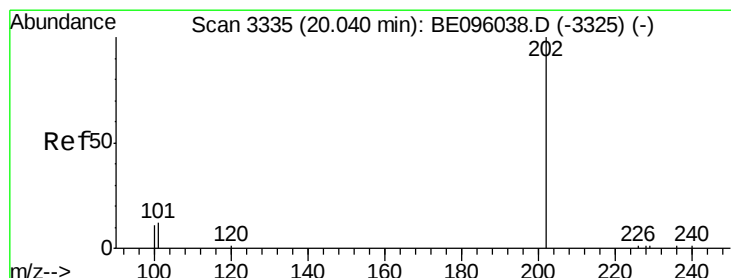
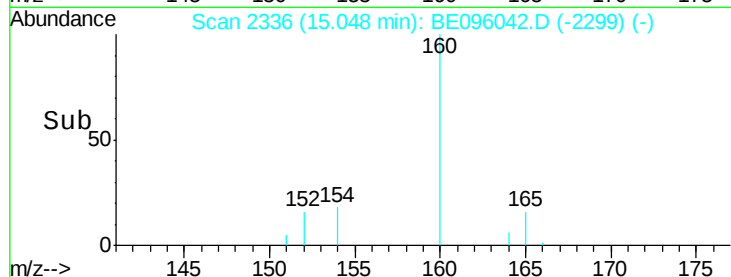
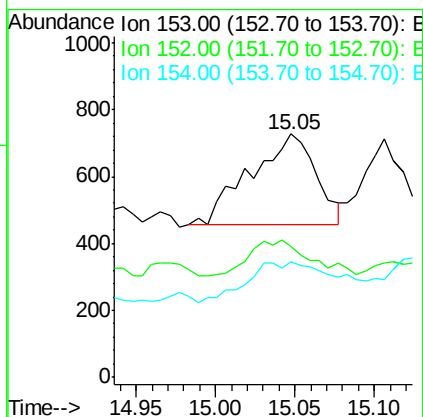
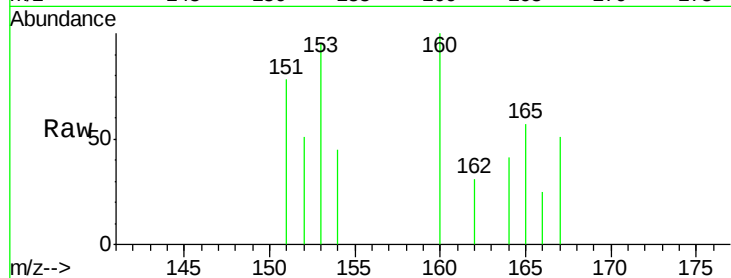
Tot Ion:153 Resp: 768

Ion Ratio Lower Upper

153 100

152 53.7 36.0 54.0

154 47.5 72.0 108.0#



#17

Pyrene

Concen: 1.118 ng/ul

RT: 20.16 min Scan# 3358

Delta R.T. 0.12 min

Lab File: BE096042.D

Acq: 20 Apr 2018 15:49

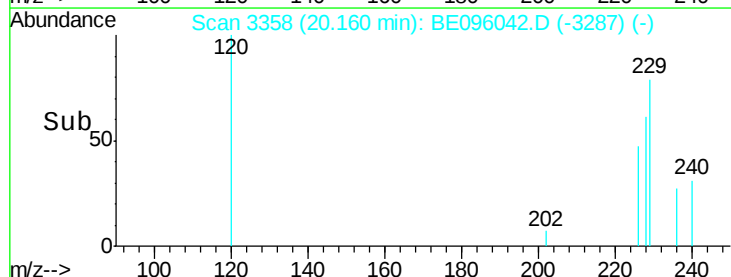
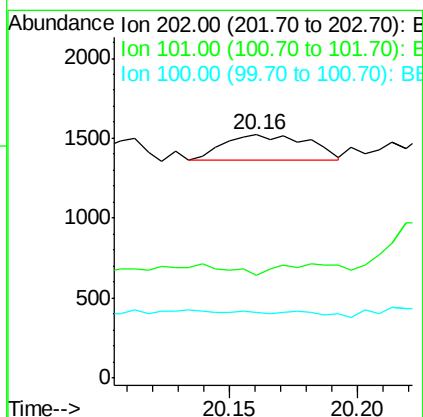
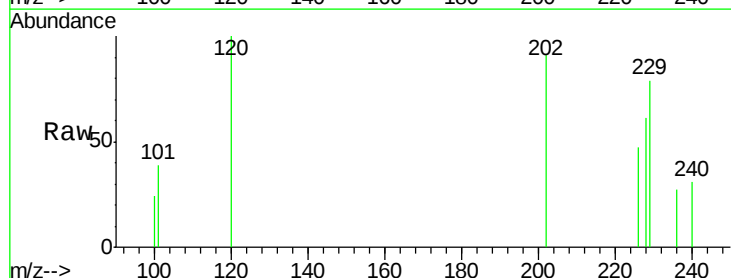
Tgt Ion:202 Resp: 380

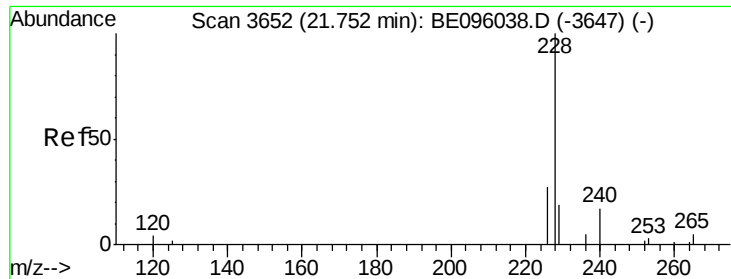
Ion Ratio Lower Upper

202 100

101 42.4 18.2 27.4#

100 26.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.087 ng/ul

RT: 21.86 min Scan# 3667

Delta R.T. 0.11 min

Lab File: BE096042.D

Acq: 20 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :

F1A38RE

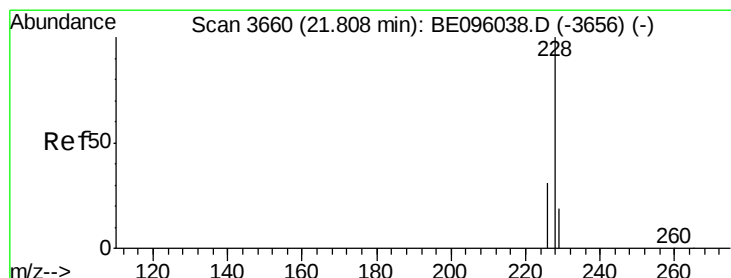
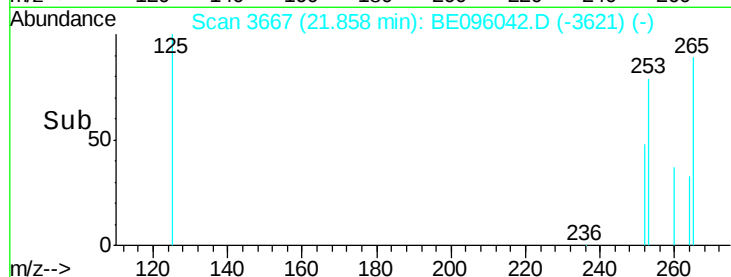
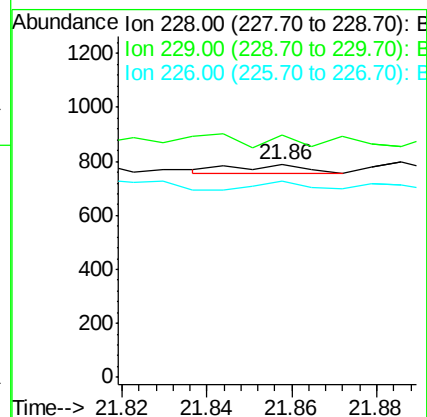
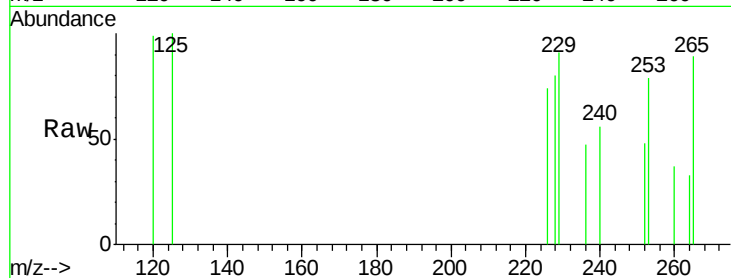
Tot Ion:228 Resp: 35

Ion Ratio Lower Upper

228 100

229 114.0 22.8 34.2#

226 92.5 17.0 25.6#



#19

Chrysene

Concen: 1.352 ng/ul

RT: 21.89 min Scan# 3671

Delta R.T. 0.08 min

Lab File: BE096042.D

Acq: 20 Apr 2018 15:49

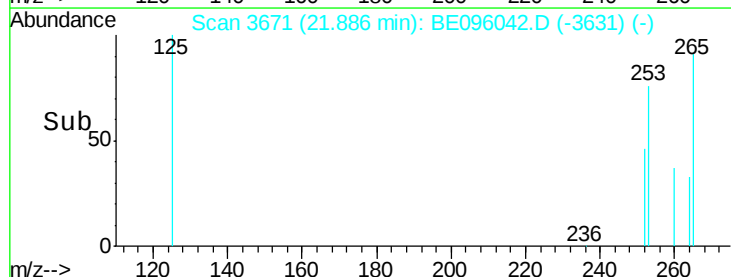
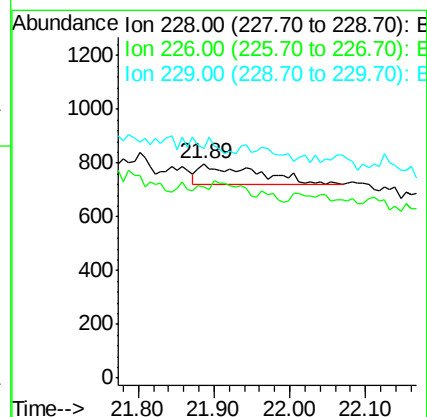
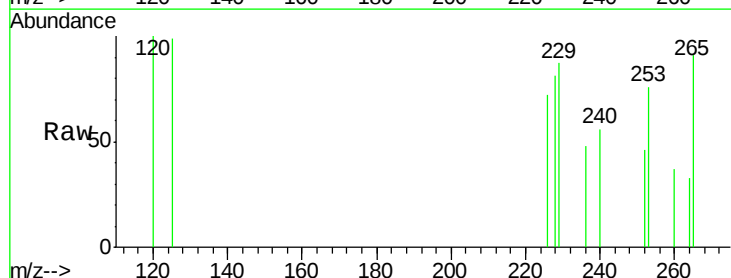
Tgt Ion:228 Resp: 393

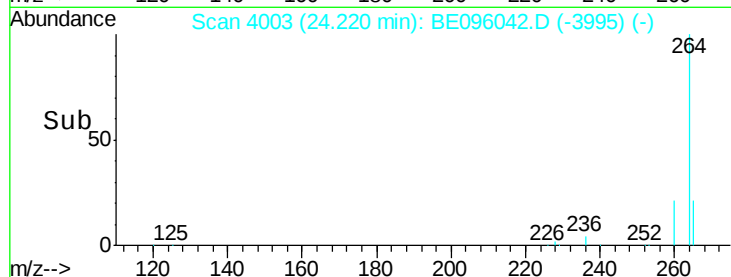
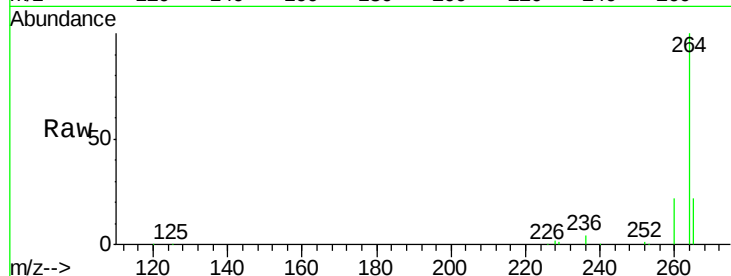
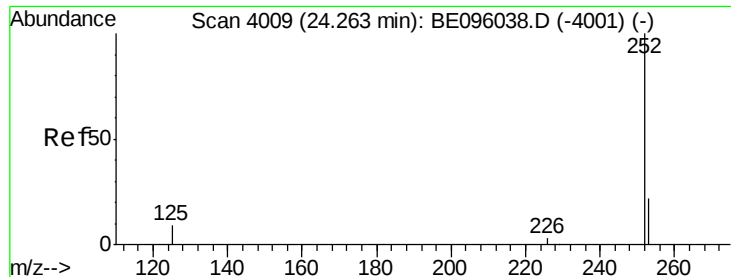
Ion Ratio Lower Upper

228 100

226 89.2 23.4 35.0#

229 107.1 17.7 26.5#





#23

Benzo(a)pyrene

Concen: 0.071 ng/ul

RT: 24.22 min Scan# 4003

Delta R.T. -0.04 min

Lab File: BE096042.D

Acq: 20 Apr 2018 15:49

Instrument :

BNA_E

ClientSampleId :

F1A38RE

Tot Ion:252 Resp: 1600

Ion Ratio Lower Upper

252 100

253 73.9 28.5 42.7#

125 62.7 18.1 27.1#

