

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041718\
 Data File : BE096022.D
 Acq On : 17 Apr 2018 16:03
 Operator : SJ/JU
 Sample : J2313-13RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 18 01:21:19 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 01:18:08 2018
 Response via : Initial Calibration

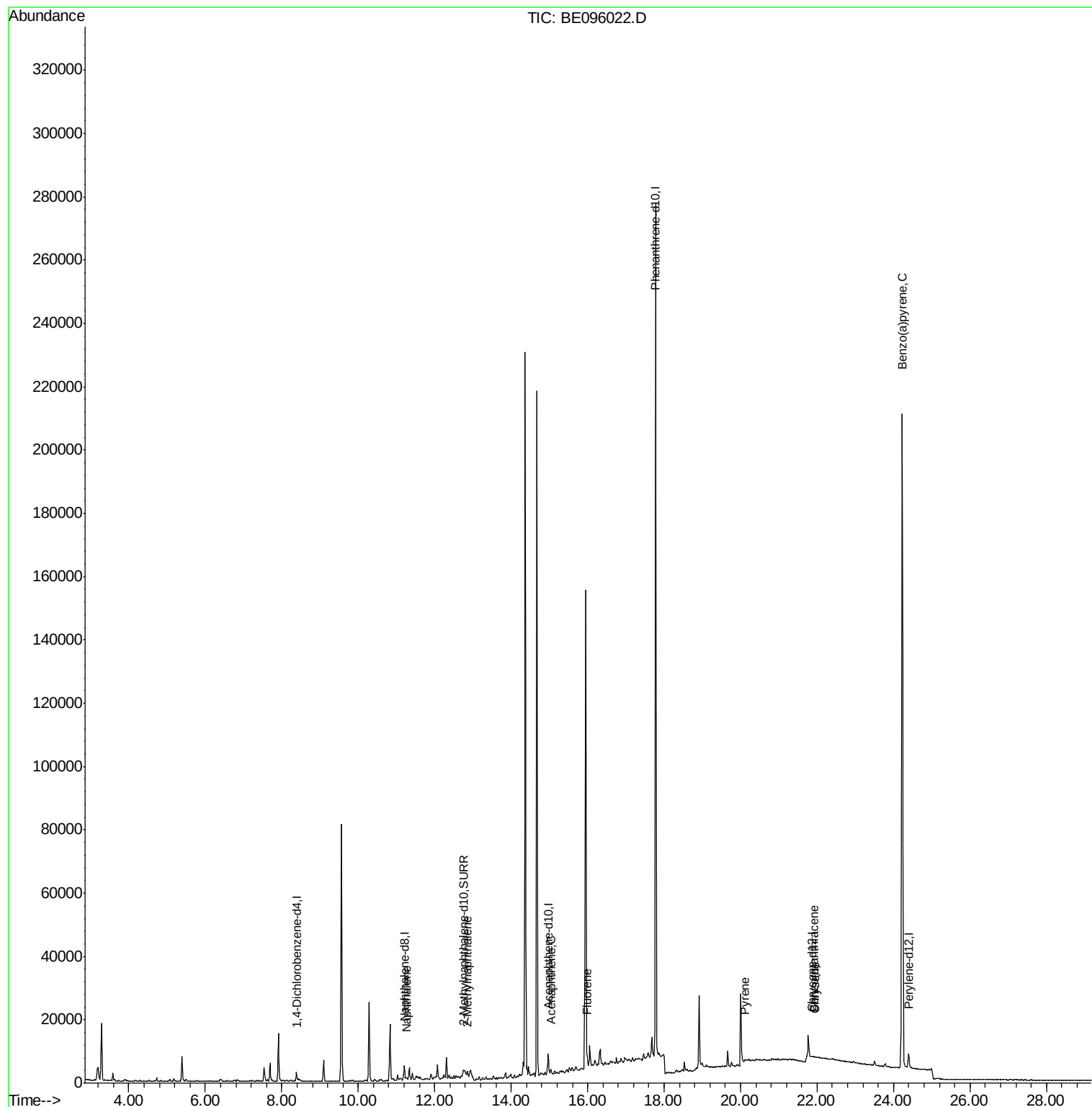
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2080	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	5758	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	5396	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	321048	0.40	ng/ul	0.10
16) Chrysene-d12	21.88	240	86	0.40	ng/ul	0.11
20) Perylene-d12	24.40	264	7602	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2186	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.76	212	547	0.00	ng/ul	0.09
Target Compounds					Ovalue	
3) Naphthalene	11.26	128	724	0.045	ng/ul#	54
5) 2-Methylnaphthalene	12.84	142	289	0.027	ng/ul#	65
8) Acenaphthene	15.04	153	1439	0.072	ng/ul#	73
9) Fluorene	16.00	166	493	0.022	ng/ul#	35
17) Pyrene	20.12	202	132	0.452	ng/ul#	61
18) Benzo(a)anthracene	21.92	228	35	0.101	ng/ul#	1
19) Chrysene	21.95	228	113	0.452	ng/ul#	1
23) Benzo(a)pyrene	24.23	252	1342	0.057	ng/ul#	2

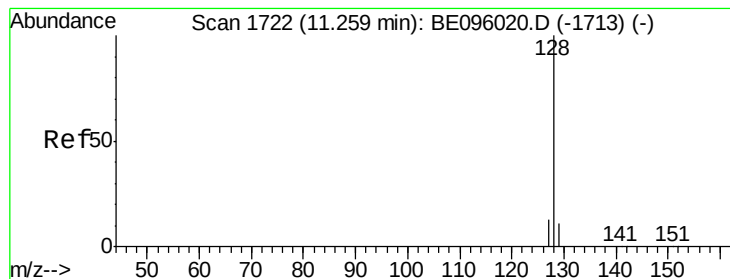
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.045 ng/ul

RT: 11.26 min Scan# 1723

Delta R.T. 0.00 min

Lab File: BE096022.D

Acq: 17 Apr 2018 16:03

Instrument :

BNA_E

ClientSampleId :

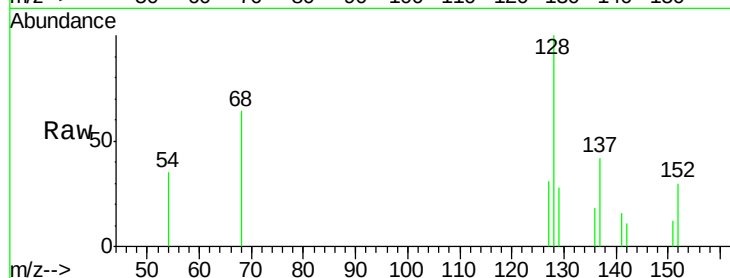
Tot Ion:128 Resp: 724

Ion Ratio Lower Upper

128 100

129 28.2 11.3 16.9#

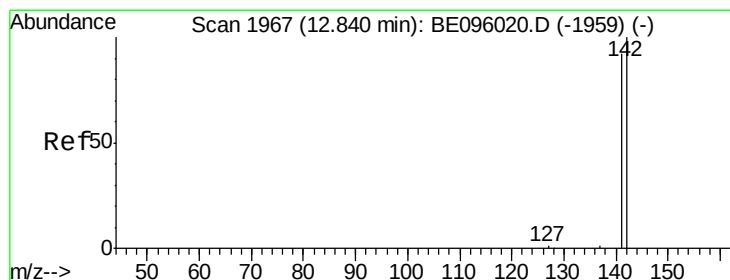
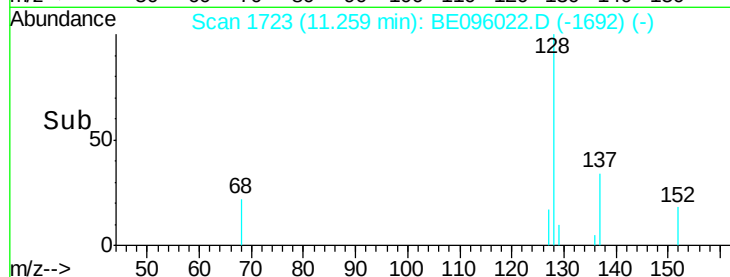
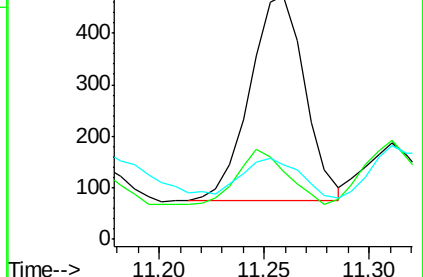
127 30.5 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.84 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BE096022.D

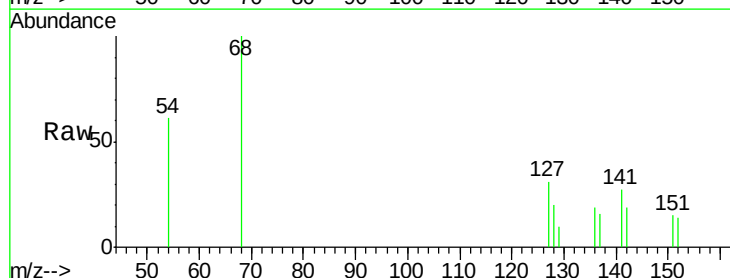
Acq: 17 Apr 2018 16:03

Tgt Ion:142 Resp: 289

Ion Ratio Lower Upper

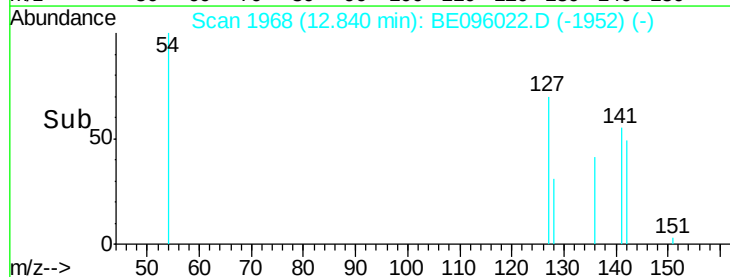
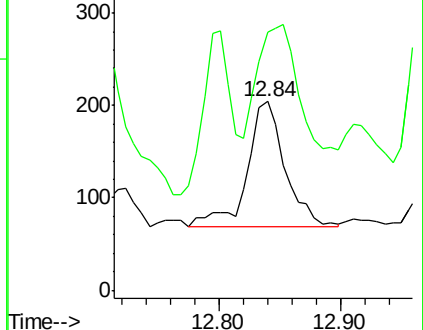
142 100

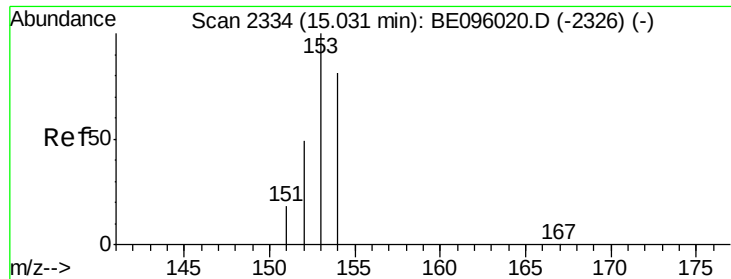
141 123.9 72.6 108.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.072 ng/ul

RT: 15.04 min Scan# 2335

Delta R.T. 0.01 min

Lab File: BE096022.D

Acq: 17 Apr 2018 16:03

Instrument :

BNA_E

ClientSampleId :

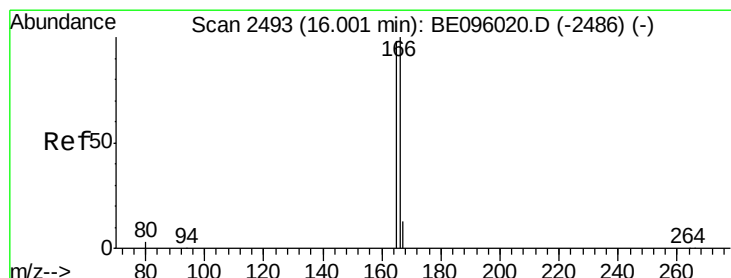
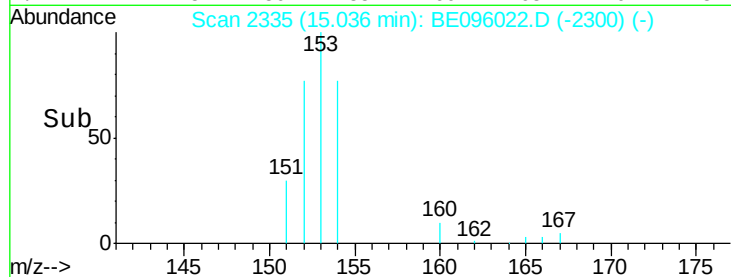
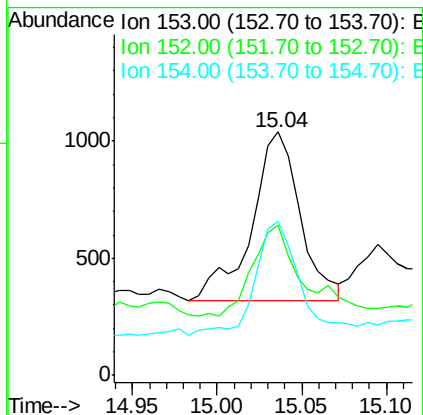
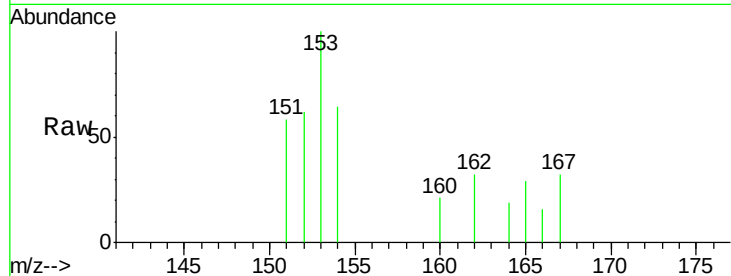
Tot Ion:153 Resp: 1439

Ion Ratio Lower Upper

153 100

152 61.7 36.0 54.0#

154 63.5 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: BE096022.D

Acq: 17 Apr 2018 16:03

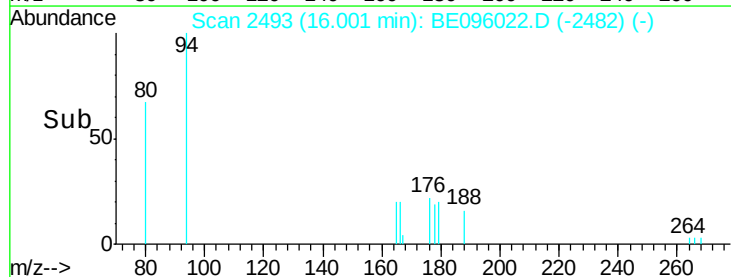
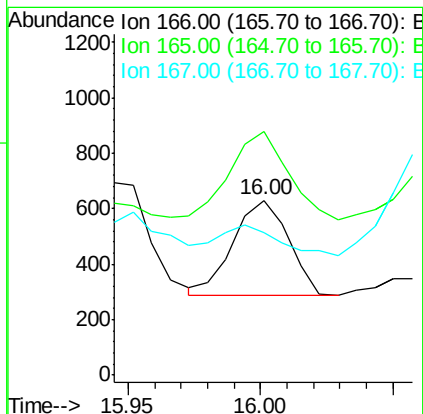
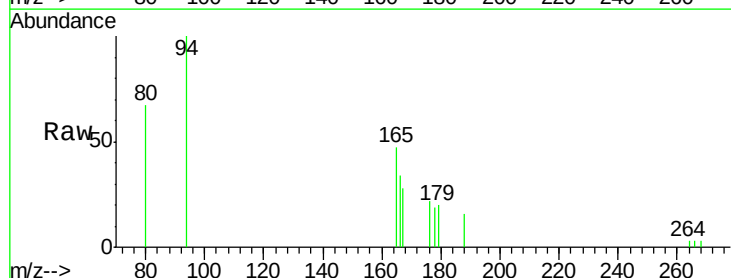
Tgt Ion:166 Resp: 493

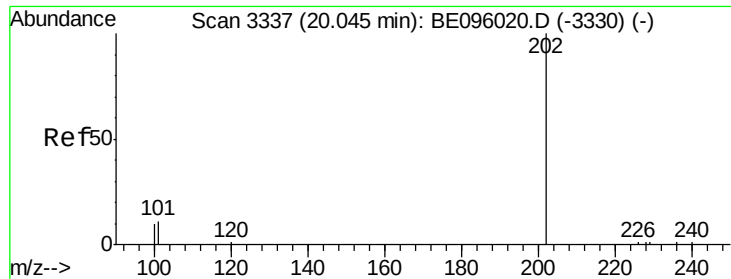
Ion Ratio Lower Upper

166 100

165 139.1 73.4 110.2#

167 81.3 14.6 22.0#





#17

Pvrene

Concen: 0.452 ng/ul

RT: 20.12 min Scan# 3352

Delta R.T. 0.08 min

Lab File: BE096022.D

Acq: 17 Apr 2018 16:03

Instrument :

BNA_E

ClientSampleId :

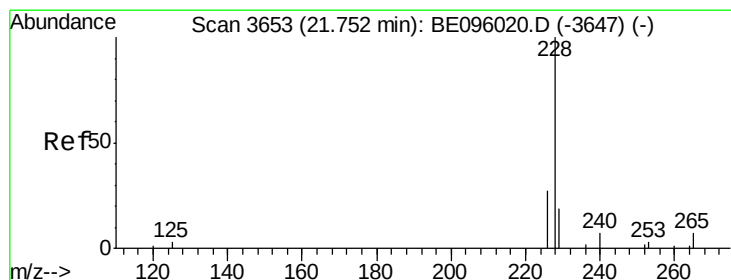
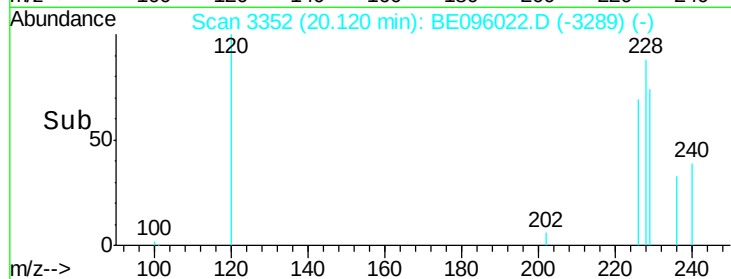
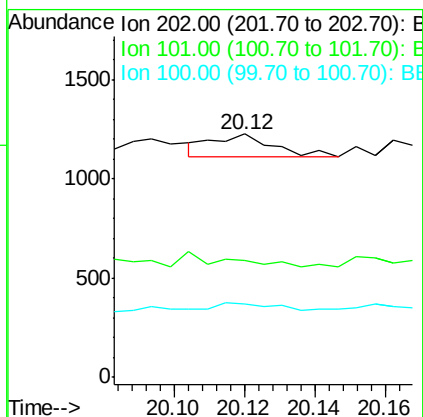
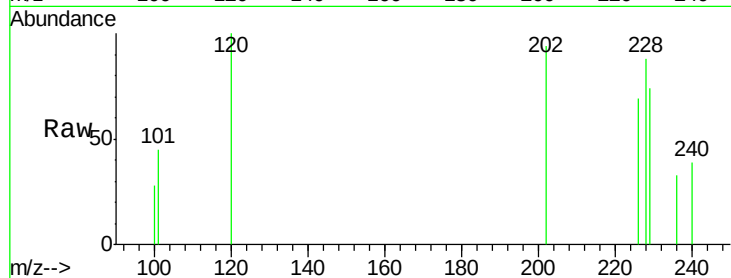
Tot Ion:202 Resp: 132

Ion Ratio Lower Upper

202 100

101 48.0 18.2 27.4#

100 29.9 15.6 23.4#



#18

Benzo(a)anthracene

Concen: 0.101 ng/ul

RT: 21.92 min Scan# 3678

Delta R.T. 0.17 min

Lab File: BE096022.D

Acq: 17 Apr 2018 16:03

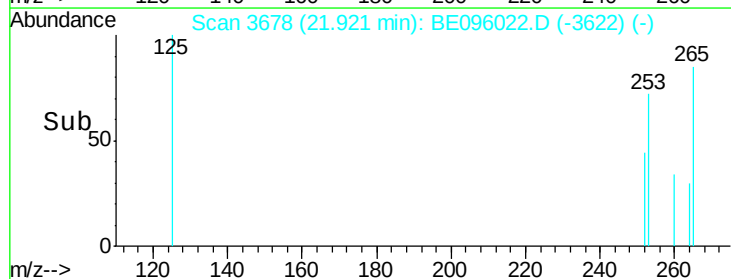
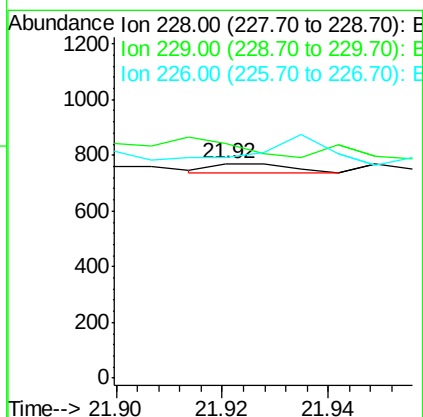
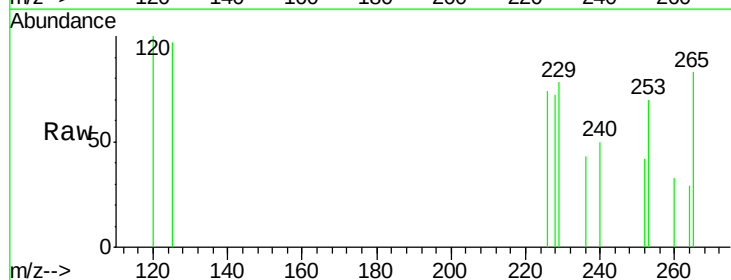
Tgt Ion:228 Resp: 35

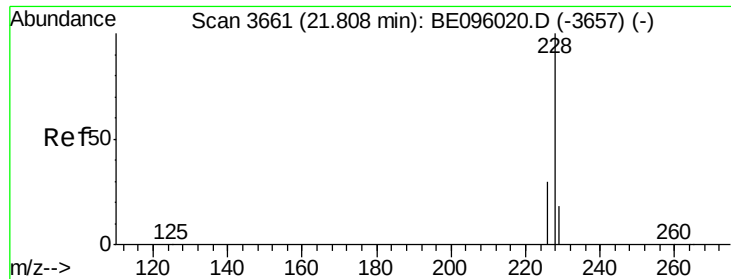
Ion Ratio Lower Upper

228 100

229 109.1 22.8 34.2#

226 102.6 17.0 25.6#





#19

Chrysene

Concen: 0.452 ng/ul

RT: 21.95 min Scan# 3682

Delta R.T. 0.14 min

Lab File: BE096022.D

Acq: 17 Apr 2018 16:03

Instrument :

BNA_E

ClientSampleId :

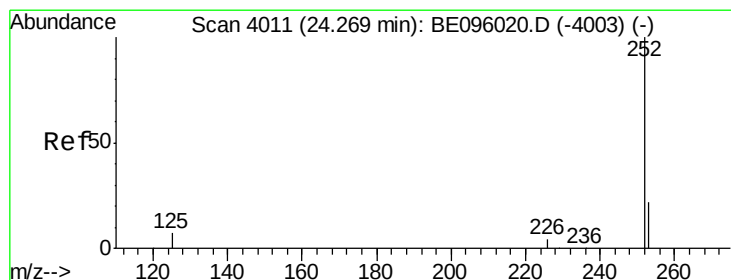
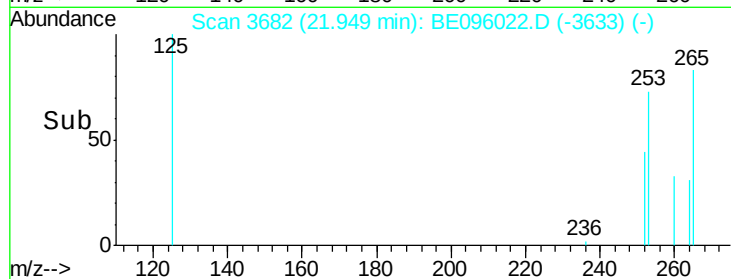
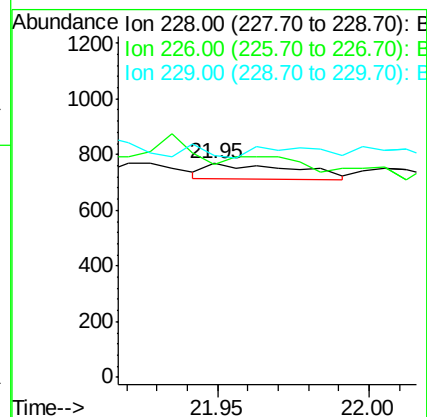
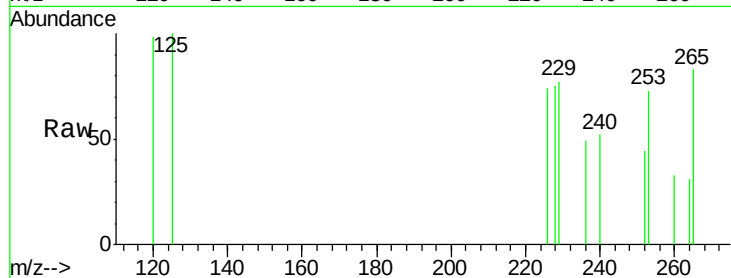
Tot Ion:228 Resp: 113

Ion Ratio Lower Upper

228 100

226 99.2 23.4 35.0#

229 103.9 17.7 26.5#



#23

Benzo(a)pyrene

Concen: 0.057 ng/ul

RT: 24.23 min Scan# 4006

Delta R.T. -0.04 min

Lab File: BE096022.D

Acq: 17 Apr 2018 16:03

Tgt Ion:252 Resp: 1342

Ion Ratio Lower Upper

252 100

253 83.9 28.5 42.7#

125 81.5 18.1 27.1#

