

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041618\
 Data File : BE096008.D
 Acq On : 16 Apr 2018 14:48
 Operator : SJ/JU
 Sample : J2313-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 16 17:53:16 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 10 03:47:21 2018
 Response via : Initial Calibration

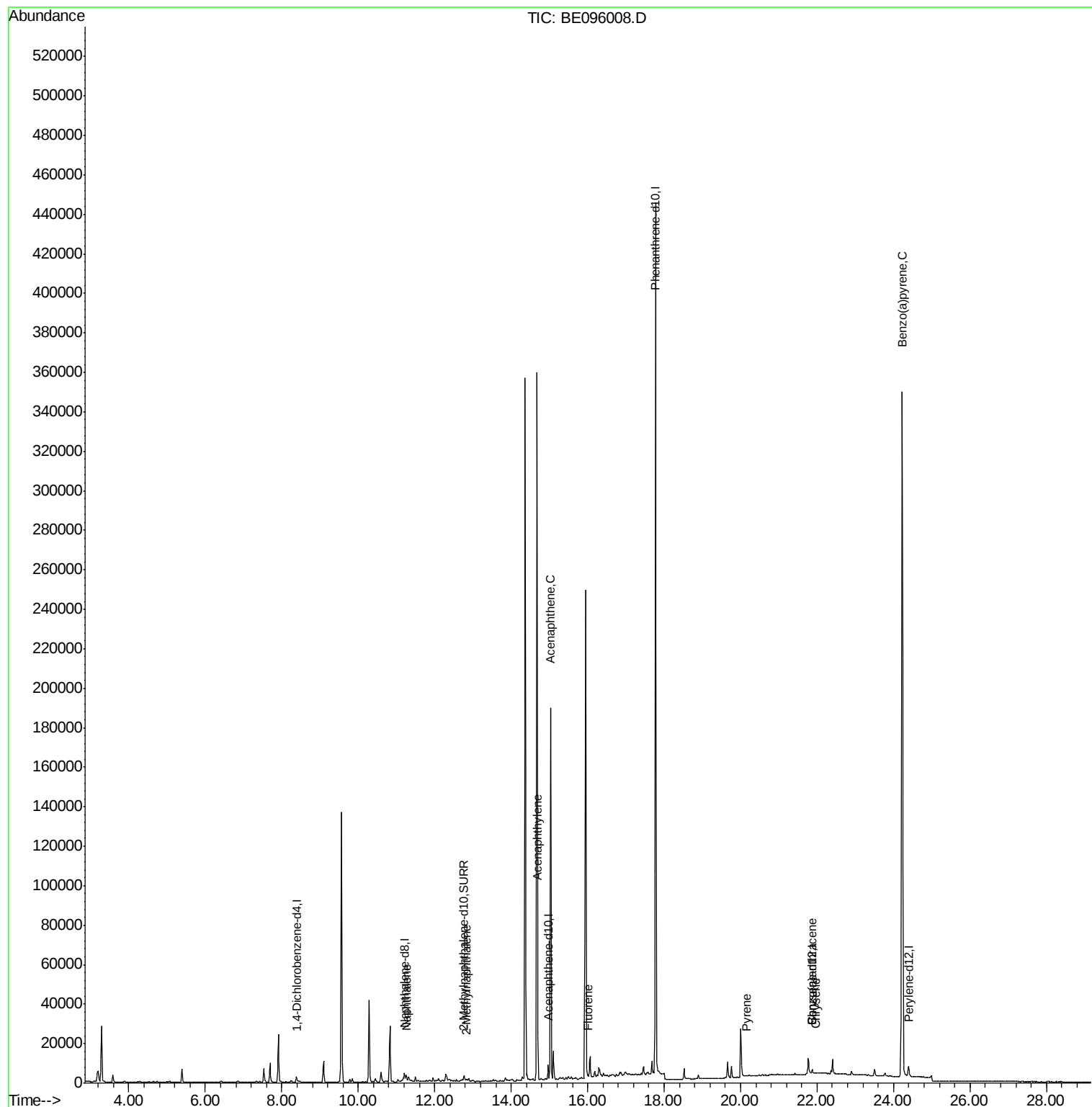
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2159	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	6020	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3856	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	529646	0.40	ng/ul	0.10
16) Chrysene-d12	21.88	240	89	0.40	ng/ul	0.11
20) Perylene-d12	24.39	264	9120	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	3431	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.76	212	160	0.00	ng/ul	0.10
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	4191	0.249	ng/ul#	52
5) 2-Methylnaphthalene	12.83	142	585	0.051	ng/ul	85
7) Acenaphthylene	14.70	152	1032	0.052	ng/ul#	17
8) Acenaphthene	15.03	153	109965	7.667	ng/ul	94
9) Fluorene	16.00	166	728	0.045	ng/ul#	69
17) Pyrene	20.15	202	44	0.145	ng/ul#	54
18) Benzo(a)anthracene	21.88	228	63	0.175	ng/ul#	1
19) Chrysene	21.96	228	73	0.282	ng/ul#	1
23) Benzo(a)pyrene	24.23	252	2350	0.083	ng/ul#	47

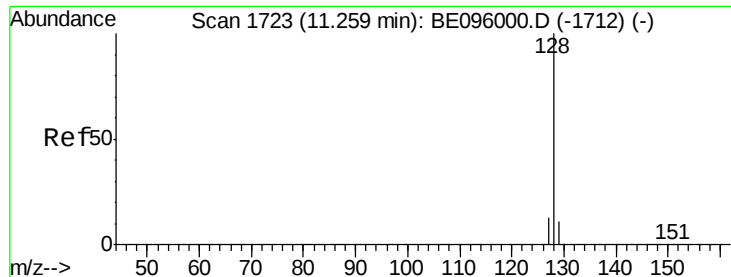
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.249 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BE096008.D

Acq: 16 Apr 2018 14:48

Instrument :

BNA_E

ClientSampleId :

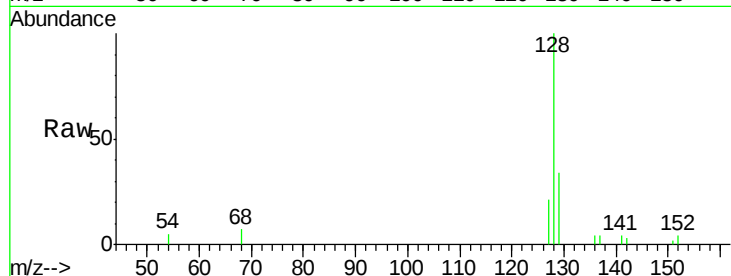
Tot Ion:128 Resp: 4191

Ion Ratio Lower Upper

128 100

129 33.6 11.3 16.9#

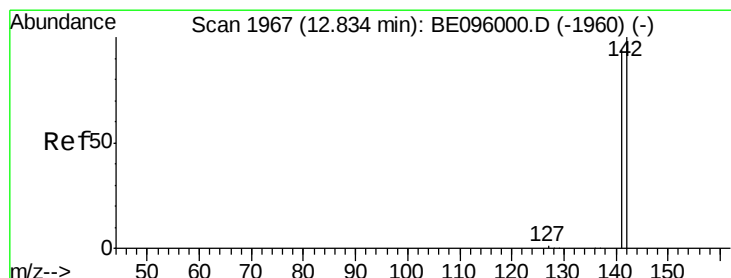
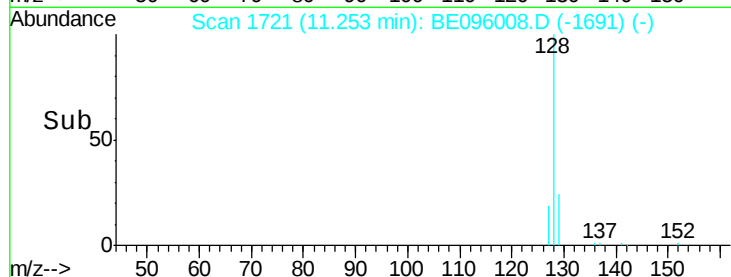
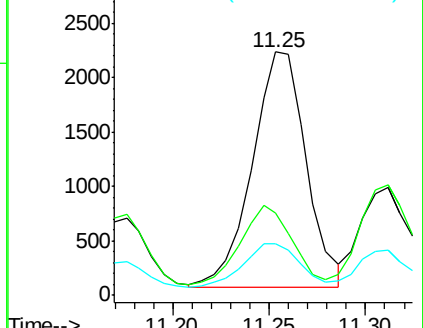
127 21.3 4.0 6.0#



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: 0.051 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BE096008.D

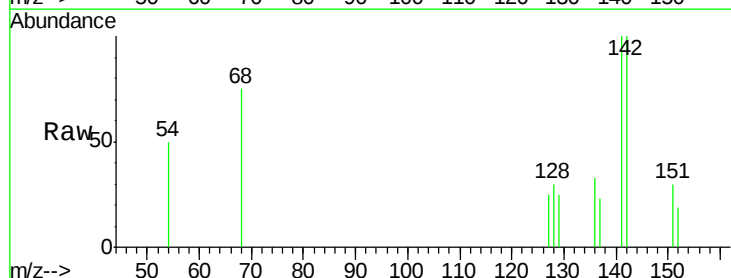
Acq: 16 Apr 2018 14:48

Tgt Ion:142 Resp: 585

Ion Ratio Lower Upper

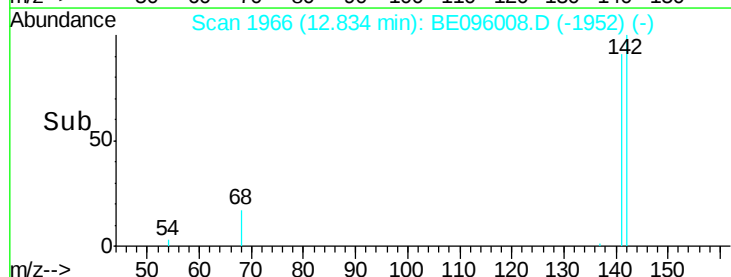
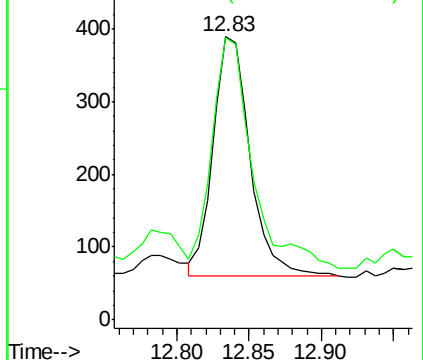
142 100

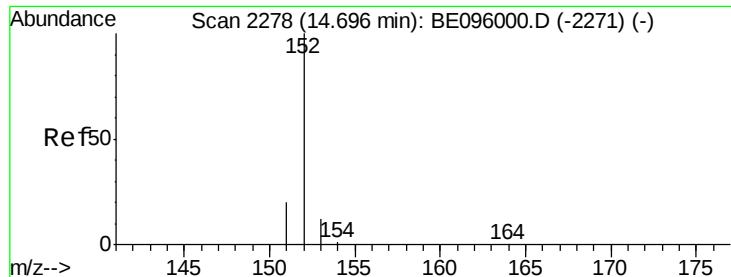
141 105.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BE096008.D

Acq: 16 Apr 2018 14:48

Instrument :

BNA_E

ClientSampleId :

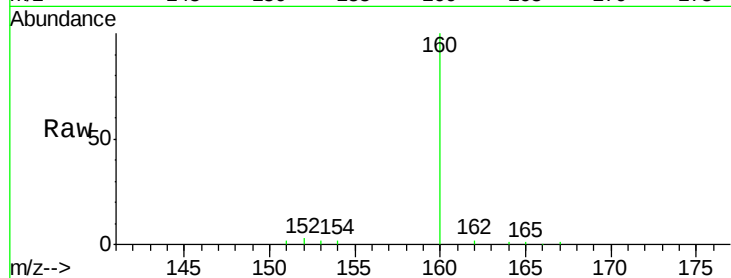
Tot Ion:152 Resp: 1032

Ion Ratio Lower Upper

152 100

151 52.1 17.1 25.7#

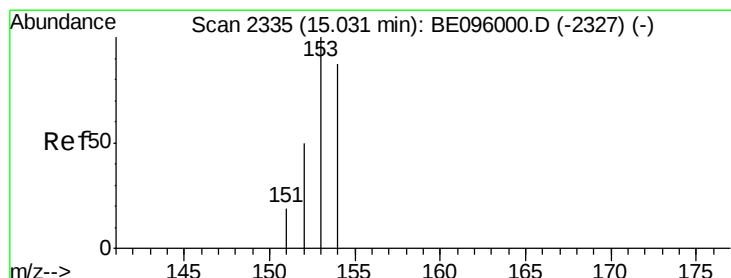
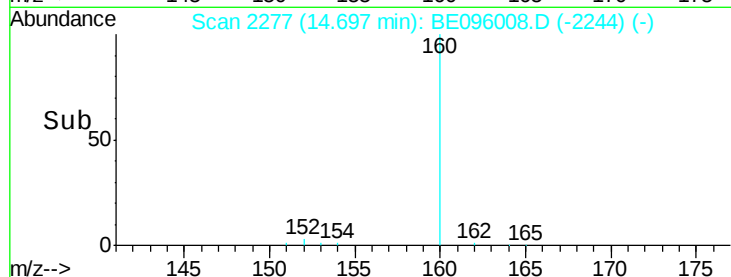
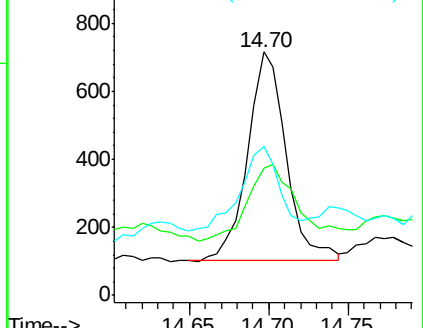
153 61.3 12.8 19.2#



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: 7.667 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BE096008.D

Acq: 16 Apr 2018 14:48

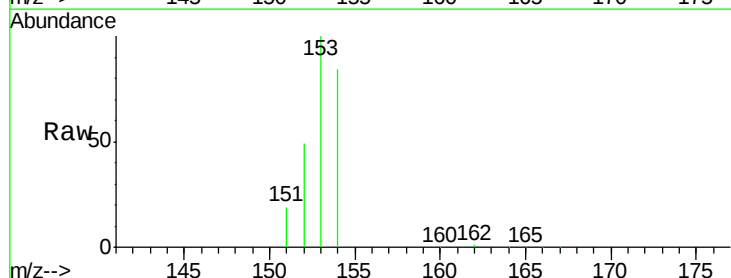
Tgt Ion:153 Resp: 109965

Ion Ratio Lower Upper

153 100

152 49.1 36.0 54.0

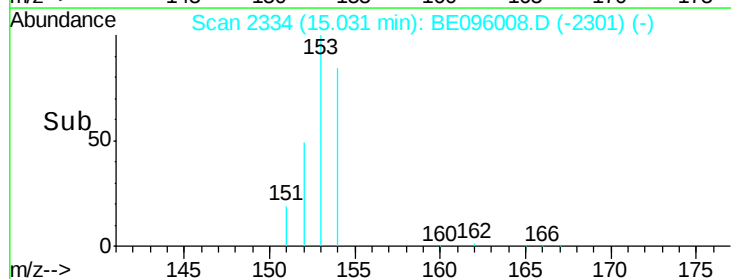
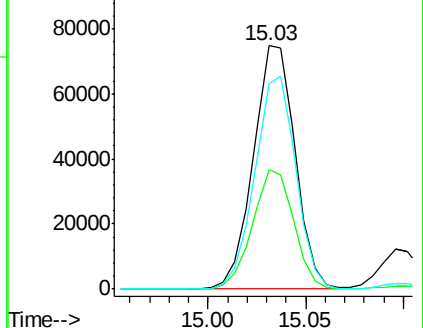
154 84.1 72.0 108.0

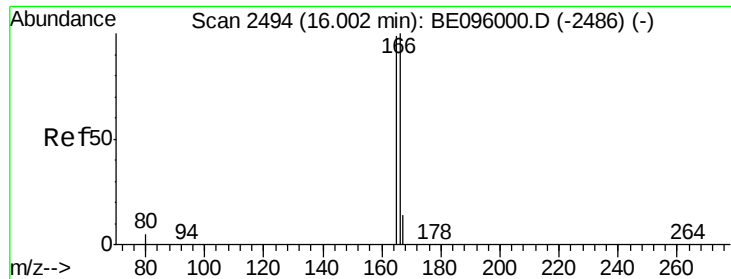


Abundance Ion 153.00 (152.70 to 153.70): E

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: BE096008.D

Acq: 16 Apr 2018 14:48

Instrument :

BNA_E

ClientSampleId :

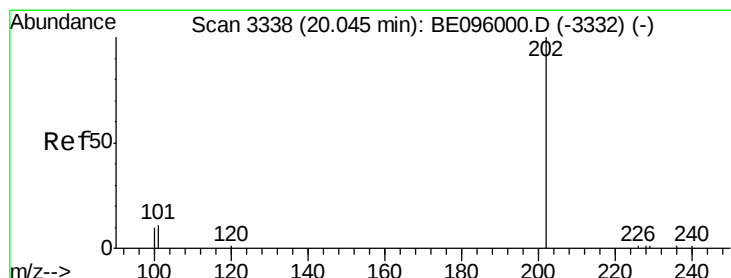
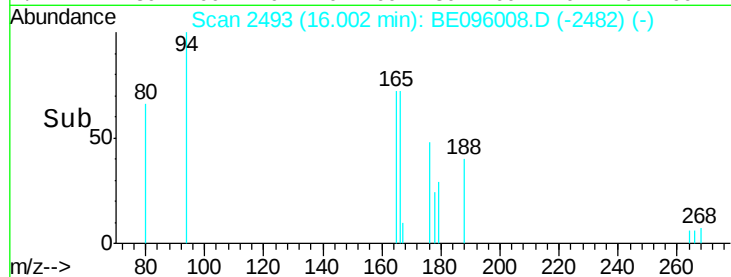
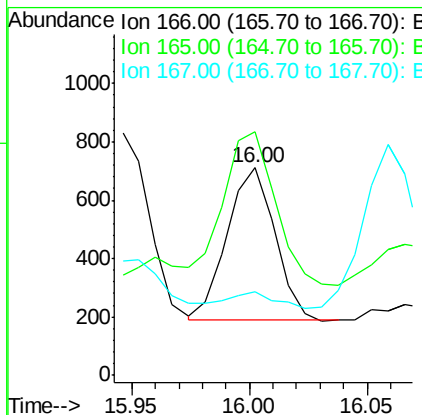
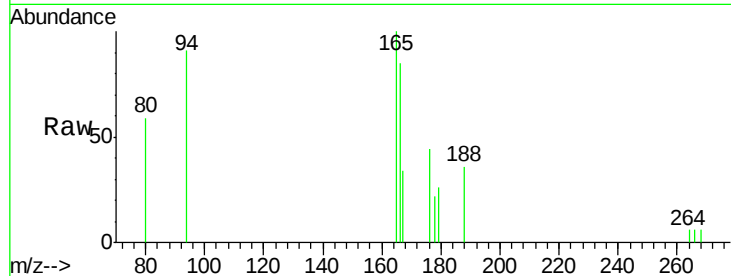
Tot Ion:166 Resp: 728

Ion Ratio Lower Upper

166 100

165 117.5 73.4 110.2#

167 40.1 14.6 22.0#



#17

Pyrene

Concen: 0.145 ng/ul

RT: 20.15 min Scan# 3357

Delta R.T. 0.10 min

Lab File: BE096008.D

Acq: 16 Apr 2018 14:48

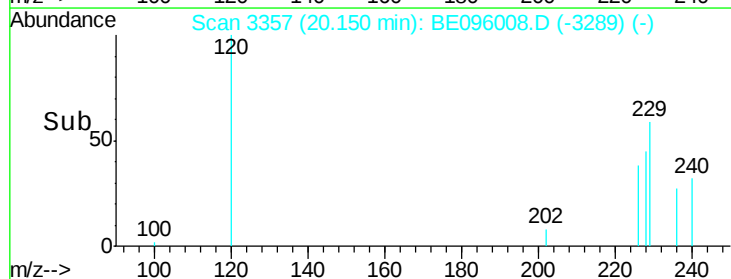
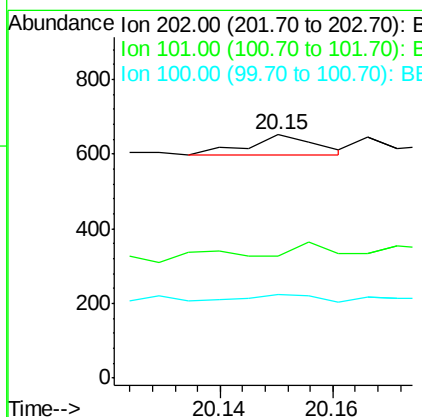
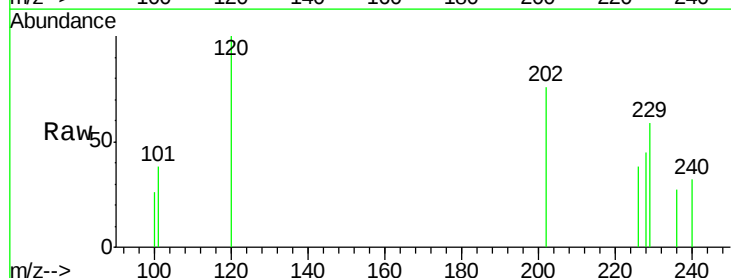
Tgt Ion:202 Resp: 44

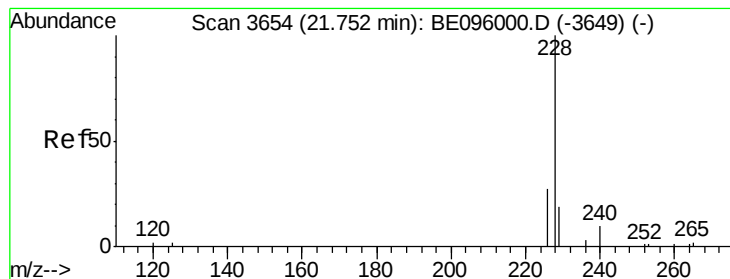
Ion Ratio Lower Upper

202 100

101 50.3 18.2 27.4#

100 34.4 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.175 ng/ul

RT: 21.88 min Scan# 3671

Delta R.T. 0.12 min

Lab File: BE096008.D

Acq: 16 Apr 2018 14:48

Instrument :

BNA_E

ClientSampleId :

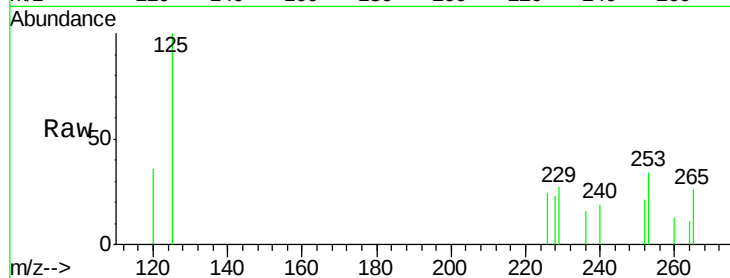
Tot Ion:228 Resp: 63

Ion Ratio Lower Upper

228 100

229 115.1 22.8 34.2#

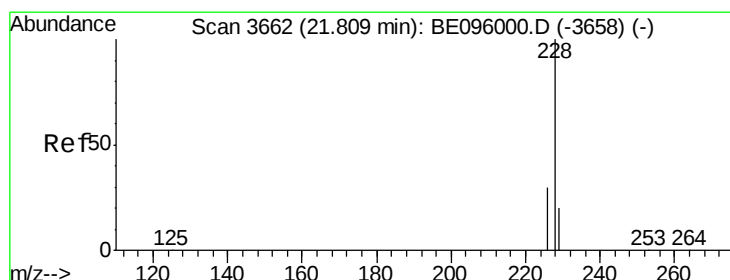
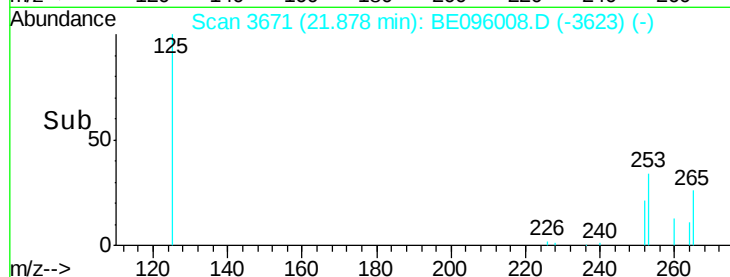
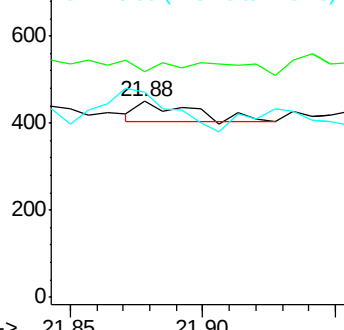
226 104.4 17.0 25.6#



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: 0.282 ng/ul

RT: 21.96 min Scan# 3683

Delta R.T. 0.15 min

Lab File: BE096008.D

Acq: 16 Apr 2018 14:48

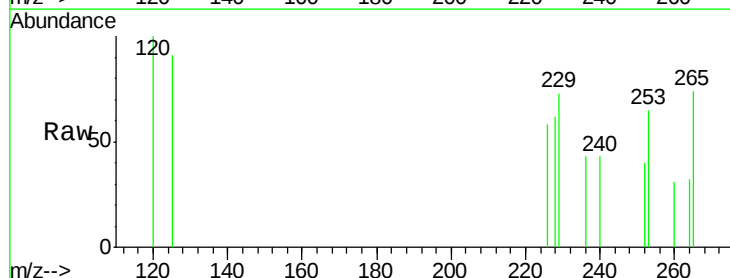
Tgt Ion:228 Resp: 73

Ion Ratio Lower Upper

228 100

226 94.0 23.4 35.0#

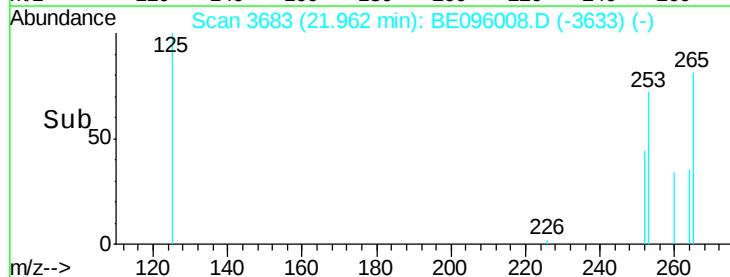
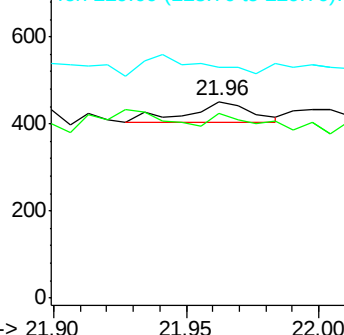
229 117.5 17.7 26.5#

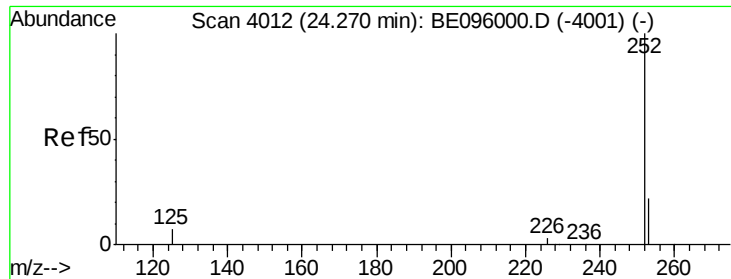


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(a)pyrene

Concen: 0.083 ng/ul

RT: 24.23 min Scan# 4005

Delta R.T. -0.05 min

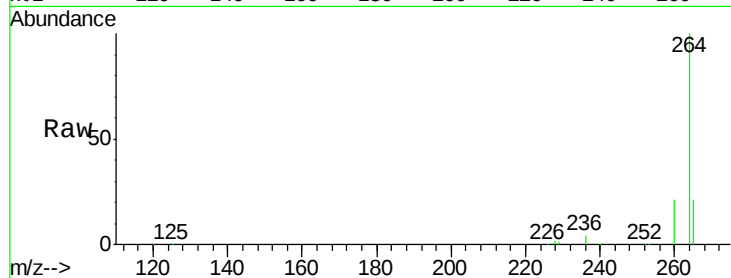
Lab File: BE096008.D

Acq: 16 Apr 2018 14:48

Instrument :

BNA_E

ClientSampleId :



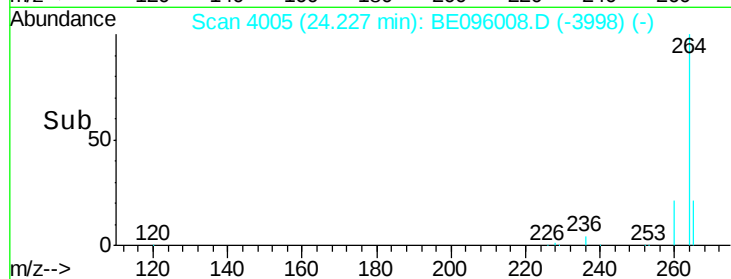
Tot Ion: 252 Resp: 2350

Ion Ratio Lower Upper

252 100

253 59.0 28.5 42.7#

125 57.6 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

