

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042418\
 Data File : BE096136.D
 Acq On : 25 Apr 2018 1:08
 Operator : SJ/JU
 Sample : J2467-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

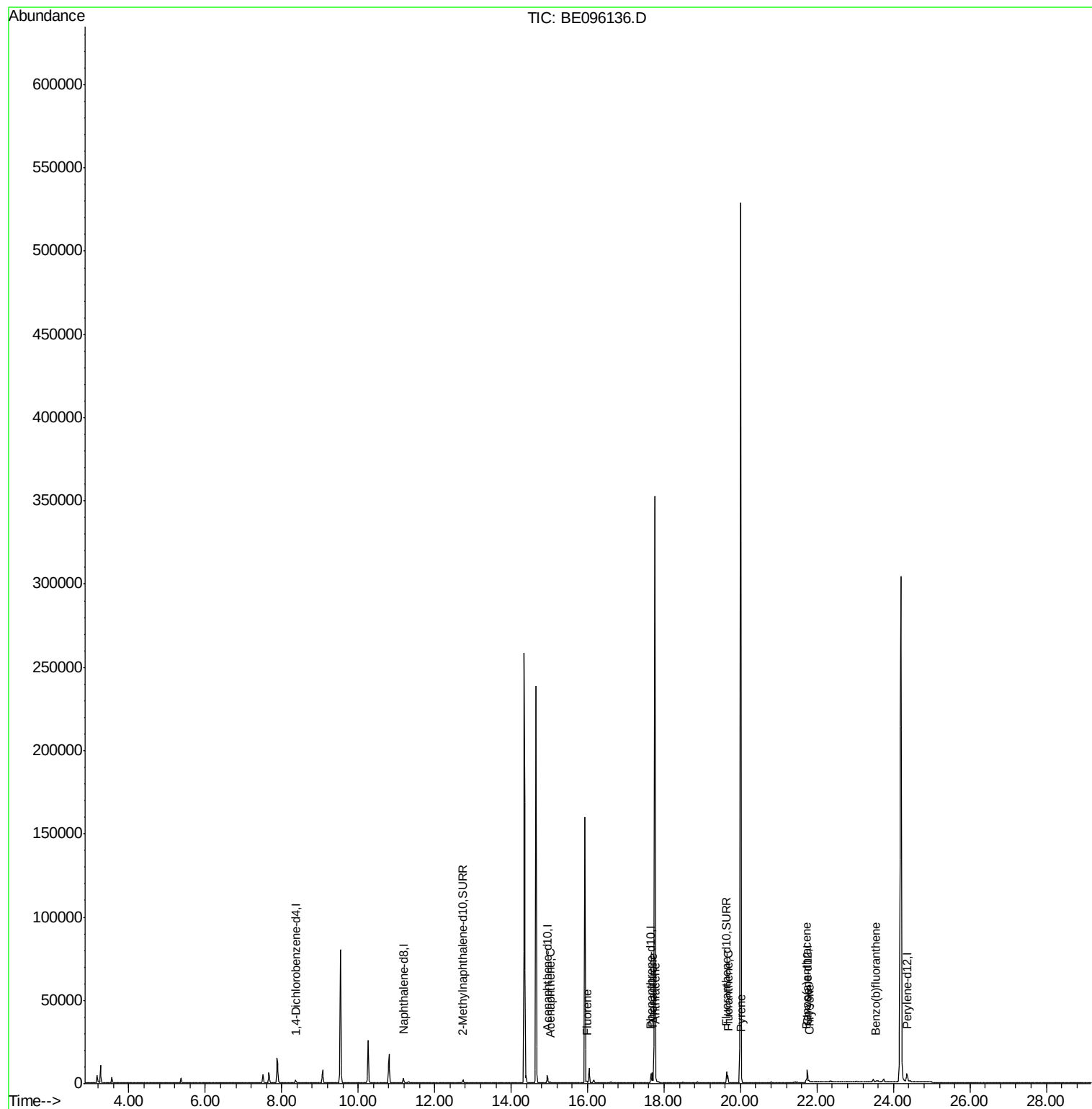
Quant Time: Apr 25 06:56:29 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration

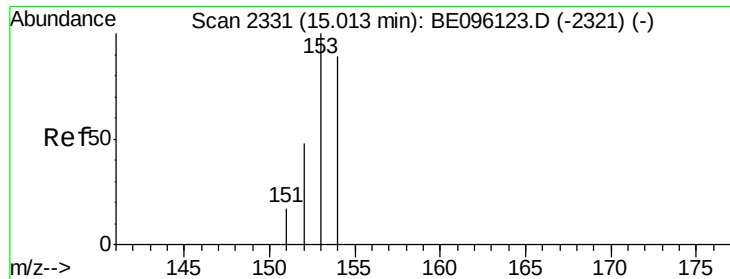
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	907	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3535	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2492	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	6615m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	8239m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	6569m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1923	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	7651m	0.25	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthene	15.01	153	359	0.039	ng/ul#	90
9) Fluorene	15.98	166	801	0.065	ng/ul#	92
12) Phenanthrene	17.70	178	6376m	0.327	ng/ul	
13) Anthracene	17.79	178	1180m	0.060	ng/ul	
15) Fluoranthene	19.67	202	4976m	0.167	ng/ul	
17) Pyrene	20.02	202	3175	0.192	ng/ul#	84
18) Benzo(a)anthracene	21.73	228	1022m	0.041	ng/ul	
19) Chrysene	21.79	228	1174m	0.051	ng/ul	
21) Benzo(b)fluoranthene	23.55	252	1067	0.043	ng/ul#	63

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

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#8

Acenaphthene

Concen: 0.039 ng/ul

RT: 15.01 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BE096136.D

Acq: 25 Apr 2018 1:08

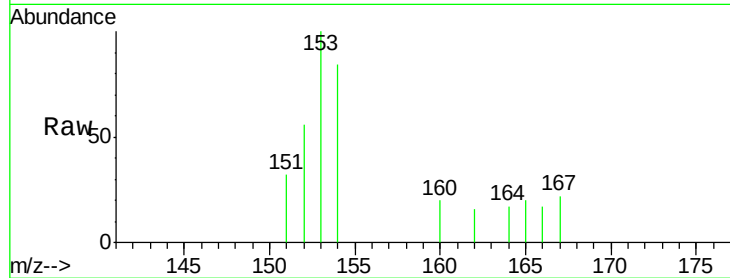
Tgt Ion:153 Resp: 359

Ion Ratio Lower Upper

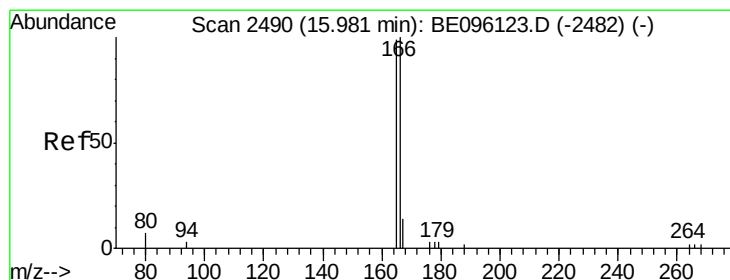
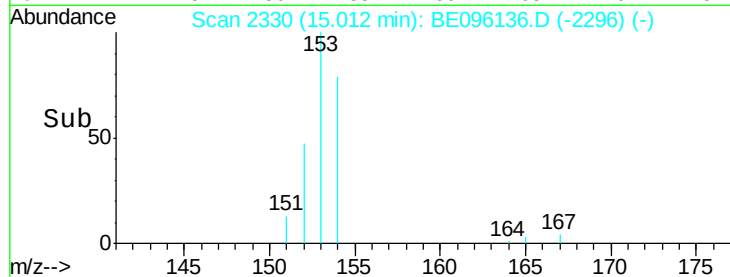
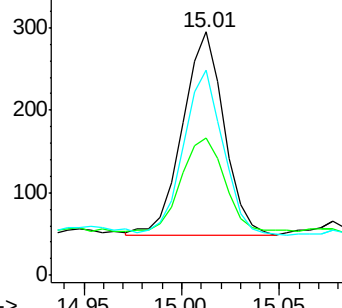
153 100

152 56.3 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: 0.065 ng/ul

RT: 15.98 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BE096136.D

Acq: 25 Apr 2018 1:08

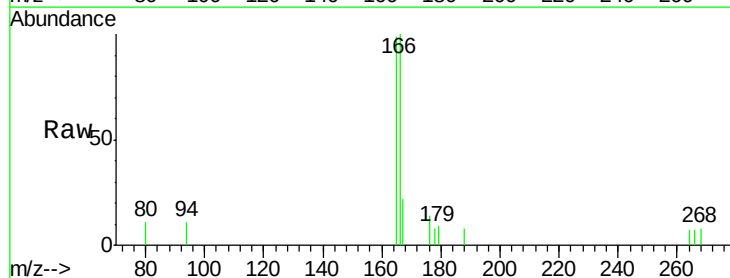
Tgt Ion:166 Resp: 801

Ion Ratio Lower Upper

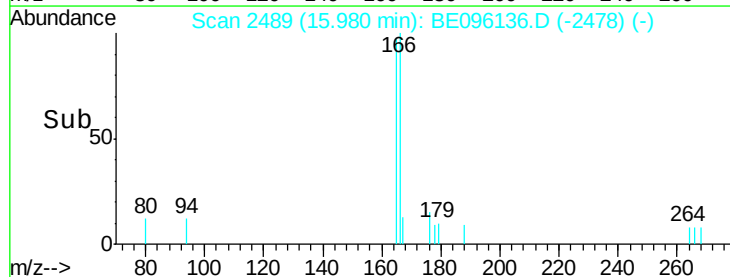
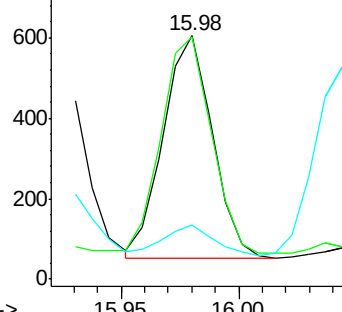
166 100

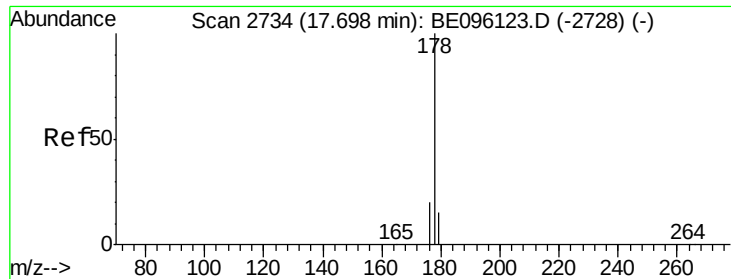
165 99.3 73.4 110.2

167 22.3 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





#12

Phenanthrene

Concen: 0.327 ng/ul m

RT: 17.70 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BE096136.D

Acq: 25 Apr 2018 1:08

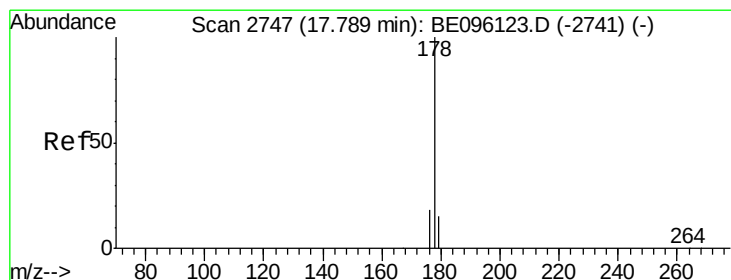
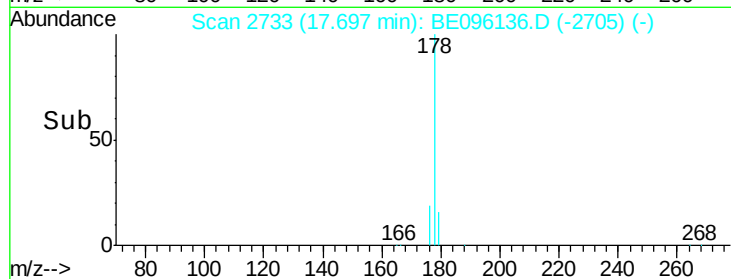
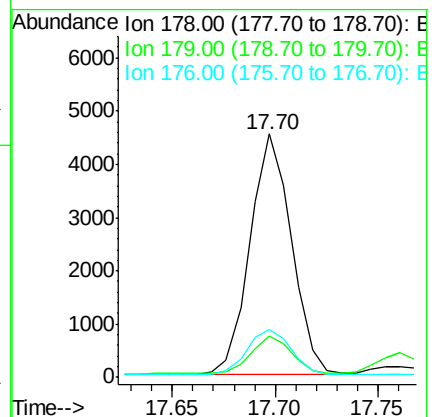
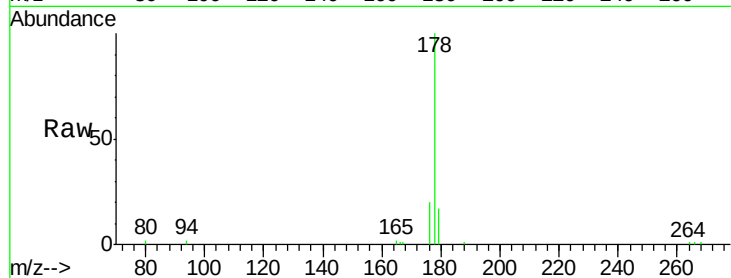
Tgt Ion:178 Resp: 6376

Ion Ratio Lower Upper

178 100

179 16.9 18.4 27.6#

176 19.9 13.6 20.4



#13

Anthracene

Concen: 0.060 ng/ul m

RT: 17.79 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BE096136.D

Acq: 25 Apr 2018 1:08

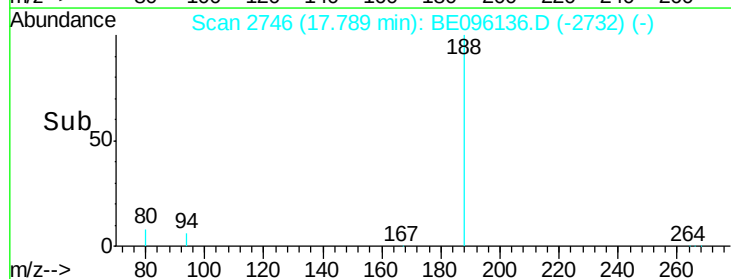
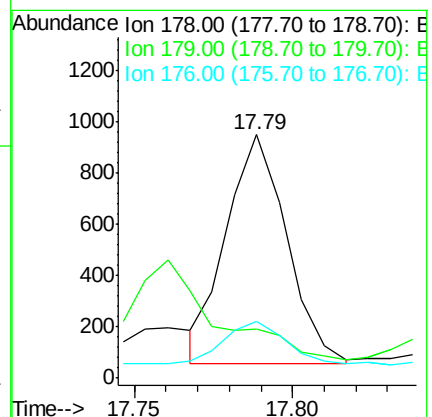
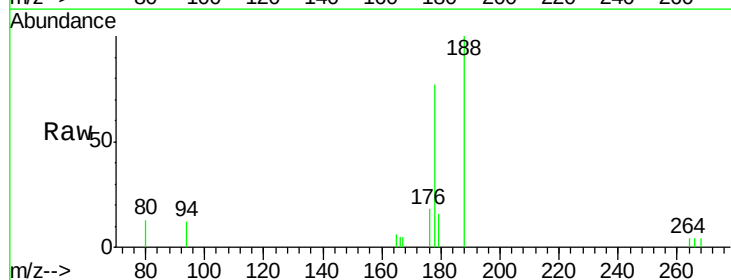
Tgt Ion:178 Resp: 1180

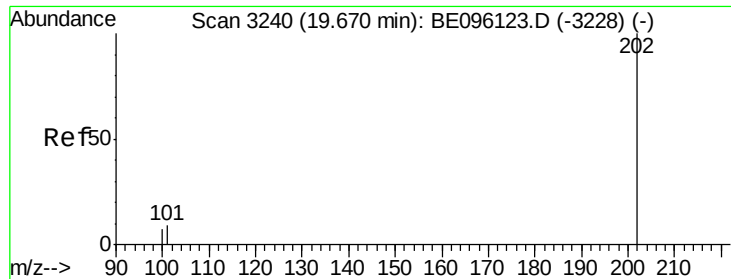
Ion Ratio Lower Upper

178 100

179 20.4 18.1 27.1

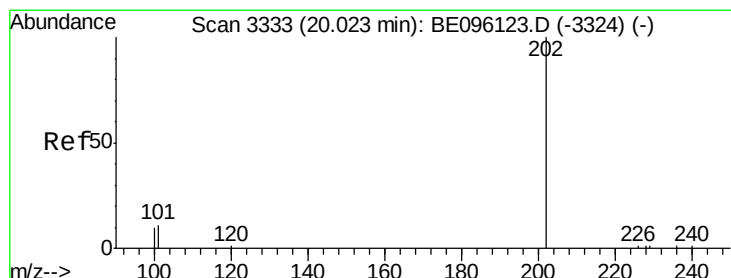
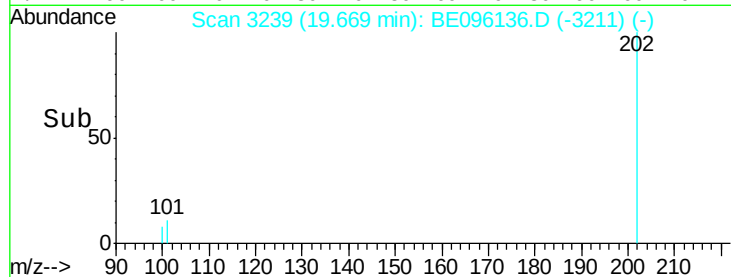
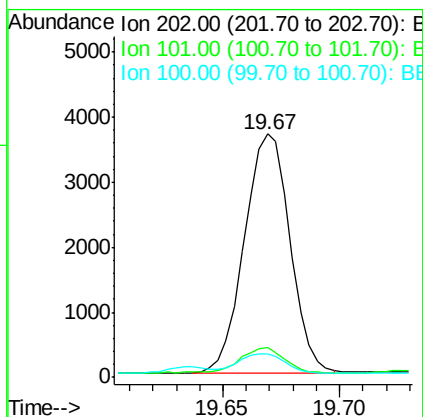
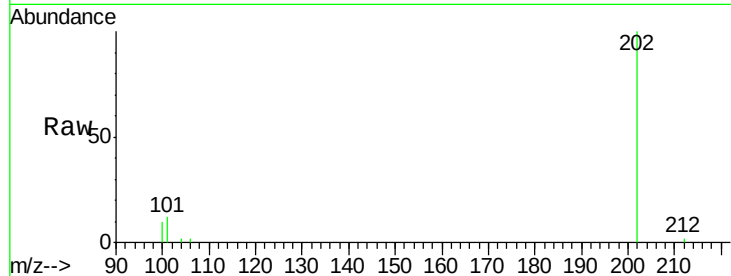
176 23.5 14.7 22.1#





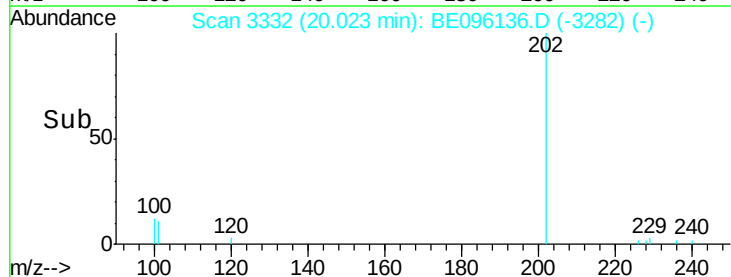
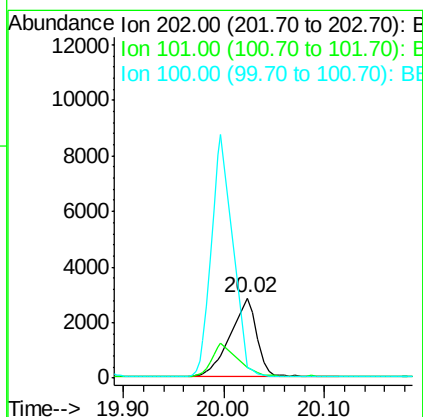
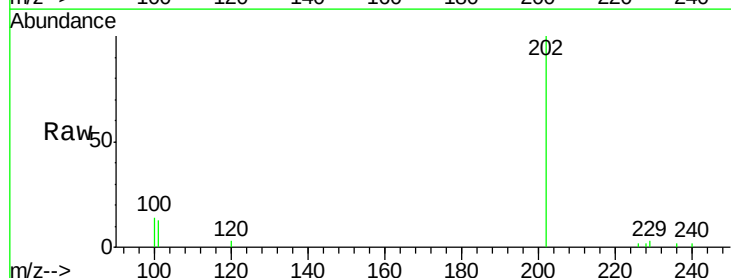
#15
Fluoranthene
 Concen: 0.167 ng/ul m
 RT: 19.67 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: BE096136.D
 Acq: 25 Apr 2018 1:08

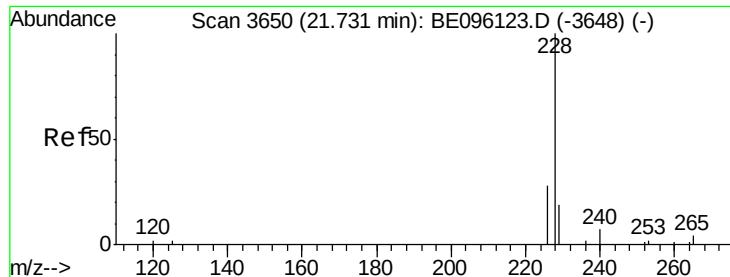
Tgt Ion:	202	Resp:	4976
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.3
100	9.6	0.0	39.5



#17
Pyrene
 Concen: 0.192 ng/ul
 RT: 20.02 min Scan# 3332
 Delta R.T. 0.00 min
 Lab File: BE096136.D
 Acq: 25 Apr 2018 1:08

Tgt Ion:	202	Resp:	3175
Ion	Ratio	Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	13.6	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.041 ng/ul m

RT: 21.73 min Scan# 3649

Delta R.T. 0.00 min

Lab File: BE096136.D

Acq: 25 Apr 2018 1:08

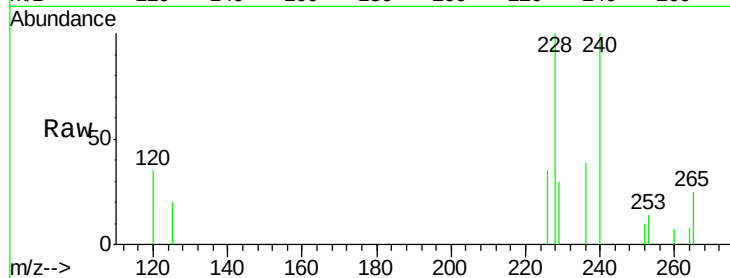
Tgt Ion: 228 Resp: 1022

Ion Ratio Lower Upper

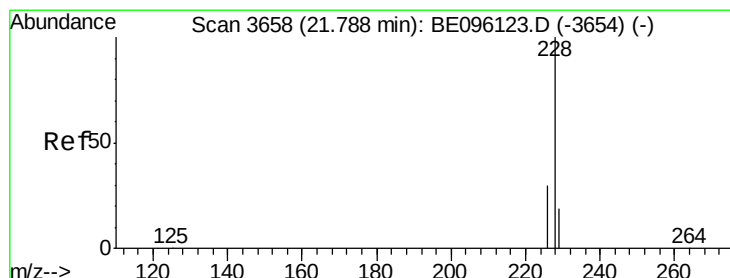
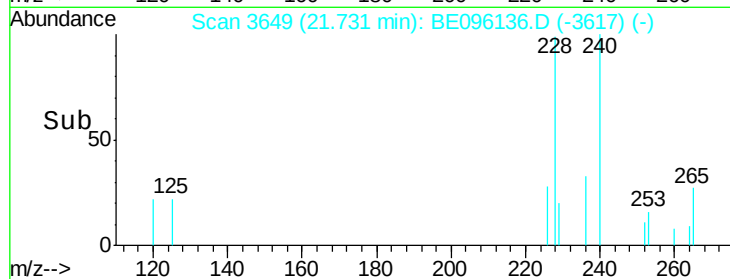
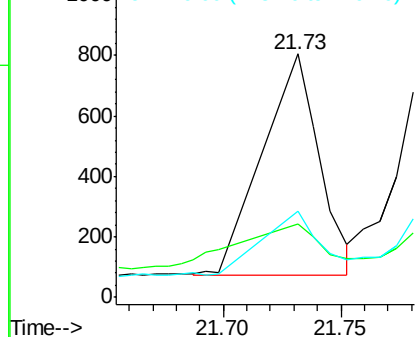
228 100

229 30.4 22.8 34.2

226 35.6 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: 0.051 ng/ul m

RT: 21.79 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BE096136.D

Acq: 25 Apr 2018 1:08

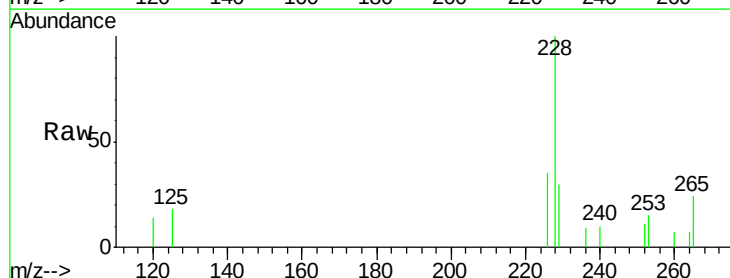
Tgt Ion: 228 Resp: 1174

Ion Ratio Lower Upper

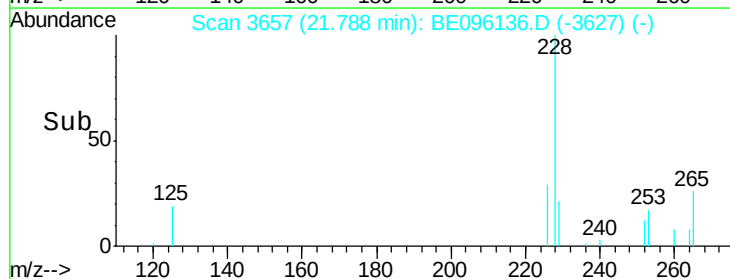
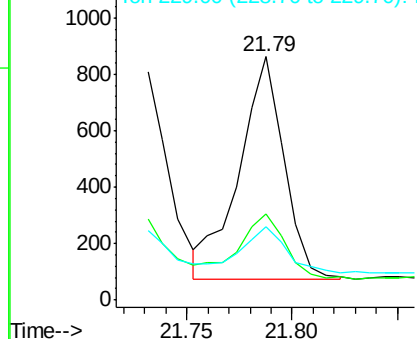
228 100

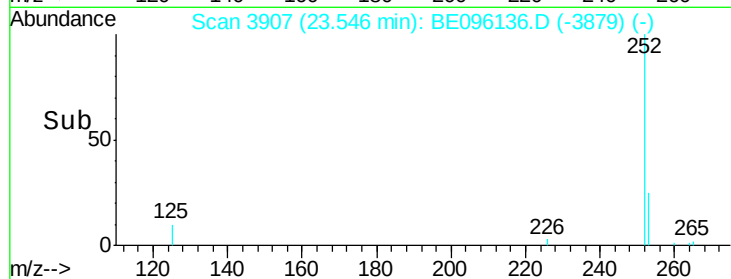
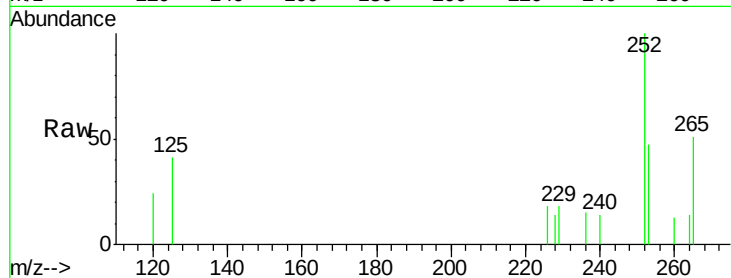
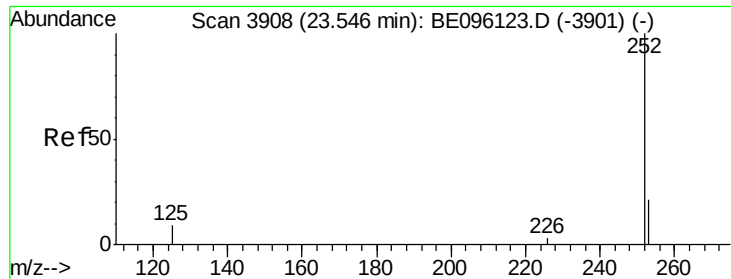
226 35.5 23.4 35.0#

229 29.9 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





#21

Benzo(b)fluoranthene

Concen: 0.043 ng/ul

RT: 23.55 min Scan# 3907

Delta R.T. 0.00 min

Lab File: BE096136.D

Acq: 25 Apr 2018 1:08

Tgt Ion: 252 Resp: 1067

Ion Ratio Lower Upper

252 100

253 47.0 0.0 64.2

125 41.5 0.0 35.0#

