

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
 Data File : BE096128.D
 Acq On : 24 Apr 2018 20:18
 Operator : SJ/JU
 Sample : J2431-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

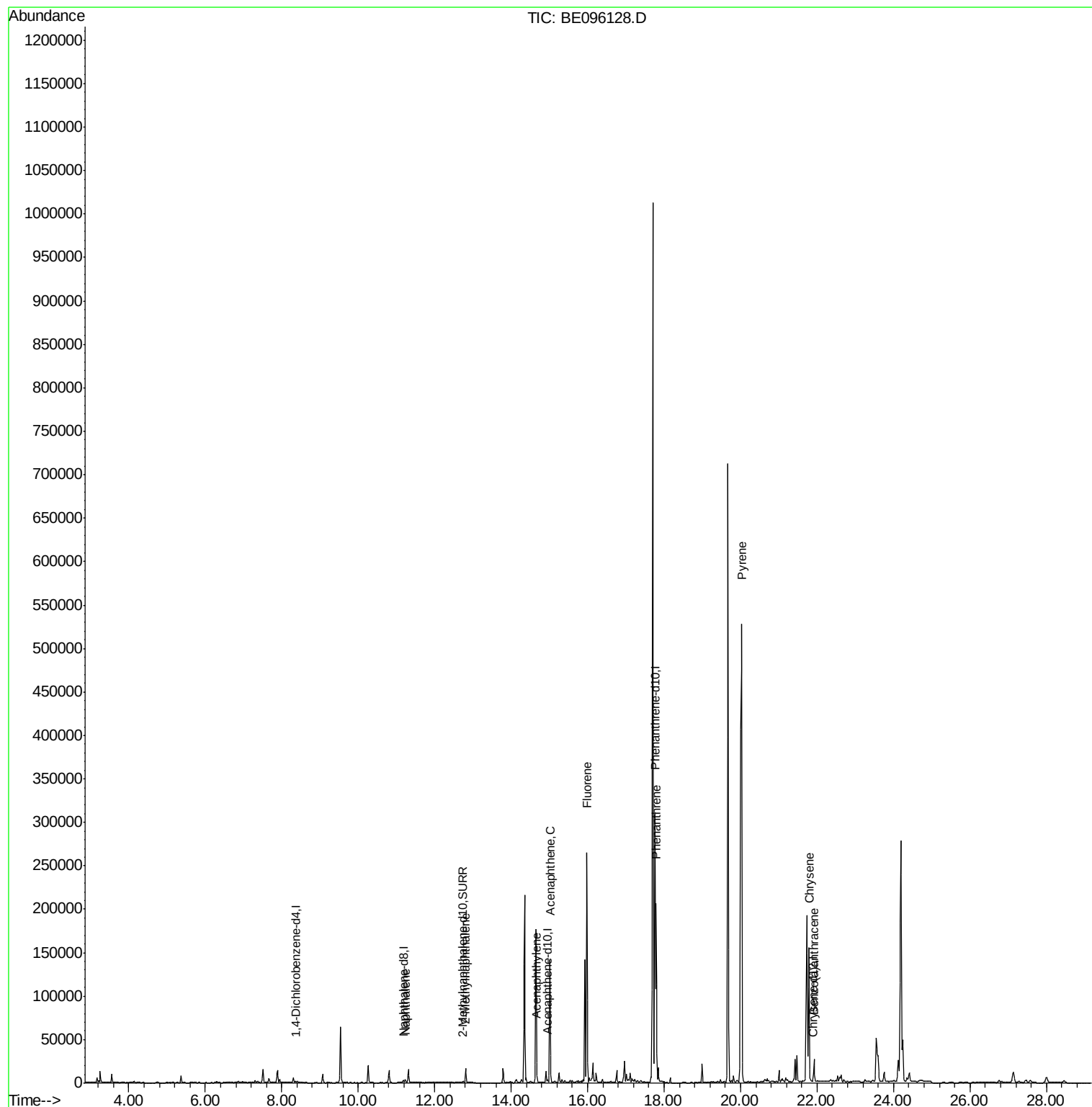
Quant Time: Apr 25 05:28:39 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 05:27:03 2018
 Response via : Initial Calibration

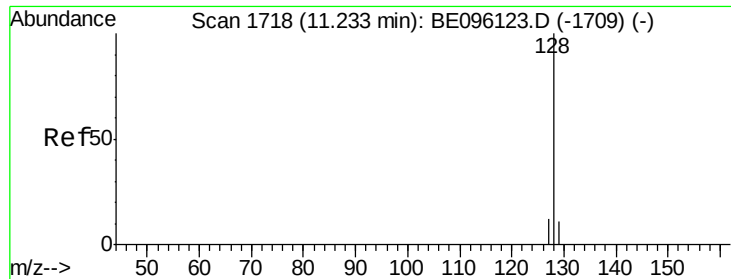
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	838	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3320	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2152	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.76	188	358739	0.40	ng/ul	0.10
16) Chrysene-d12	21.89	240	74	0.40	ng/ul	0.13
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-24.35
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1771	0.29	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	5233	0.566	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	12809	2.068	ng/ul	100
7) Acenaphthylene	14.68	152	4376	0.394	ng/ul#	88
8) Acenaphthene	15.01	153	82271	10.286	ng/ul	94
9) Fluorene	15.98	166	175807	16.611	ng/ul#	90
12) Phenanthrene	17.80	178	220964	0.209	ng/ul#	89
17) Pyrene	20.03	202	484534	3263.831	ng/ul#	77
18) Benzo(a)anthracene	21.92	228	19211	85.750	ng/ul#	50
19) Chrysene	21.79	228	149232	724.895	ng/ul	97

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

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#3

Naphthalene

Concen: 0.566 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BE096128.D

Acq: 24 Apr 2018 20:18

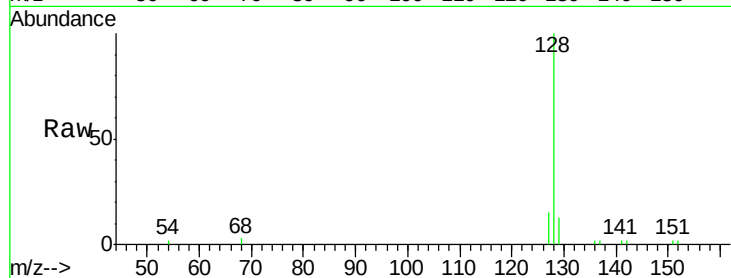
Tot Ion:128 Resp: 5233

Ion Ratio Lower Upper

128 100

129 13.2 11.3 16.9

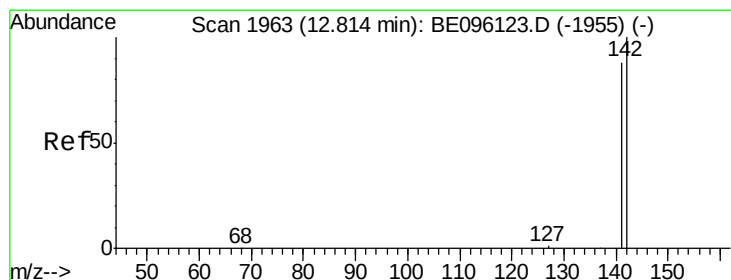
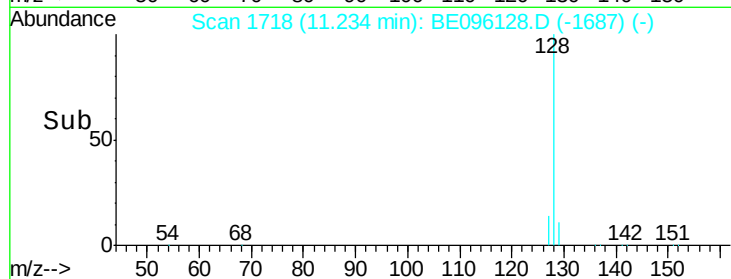
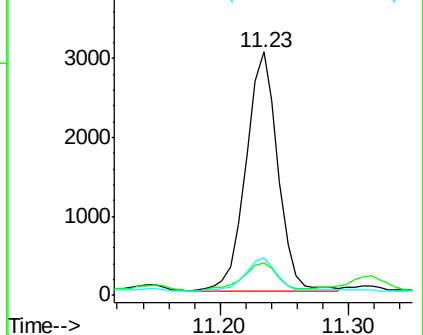
127 15.3 4.0 6.0#



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: 2.068 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BE096128.D

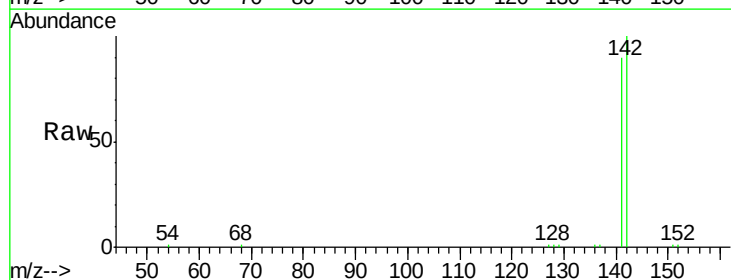
Acq: 24 Apr 2018 20:18

Tgt Ion:142 Resp: 12809

Ion Ratio Lower Upper

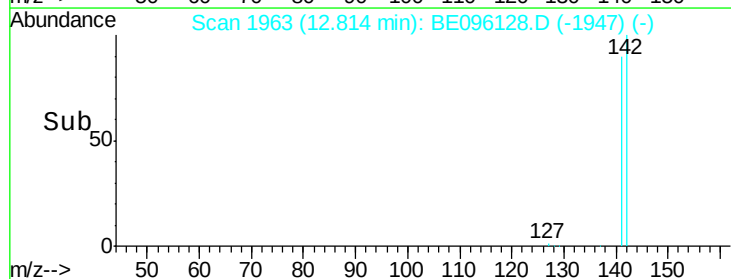
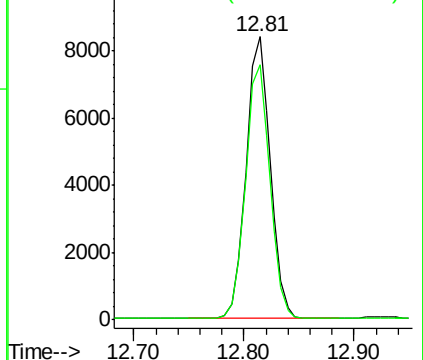
142 100

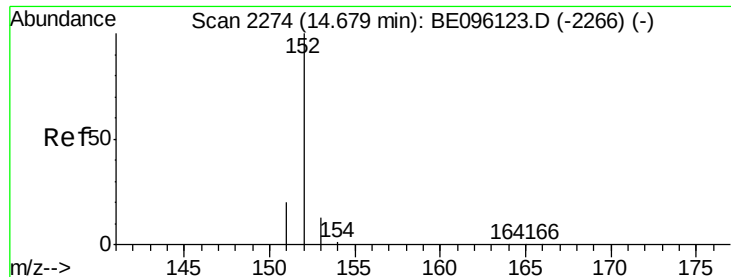
141 91.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.394 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE096128.D

Acq: 24 Apr 2018 20:18

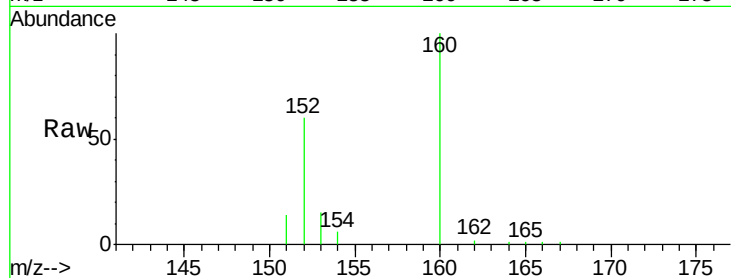
Tot Ion:152 Resp: 4376

Ion Ratio Lower Upper

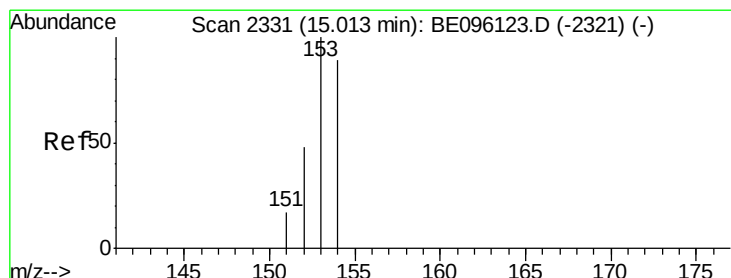
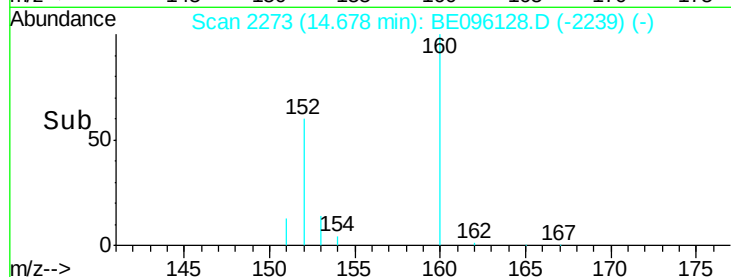
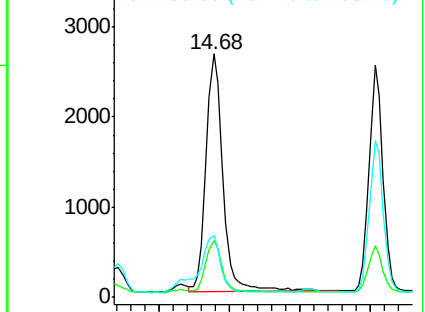
152 100

151 23.1 17.1 25.7

153 25.4 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: 10.286 ng/ul

RT: 15.01 min Scan# 2330

Delta R.T. -0.00 min

Lab File: BE096128.D

Acq: 24 Apr 2018 20:18

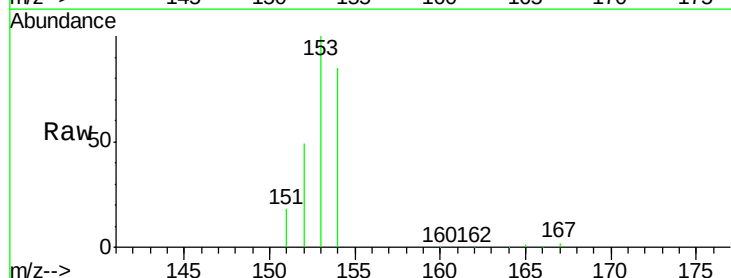
Tgt Ion:153 Resp: 82271

Ion Ratio Lower Upper

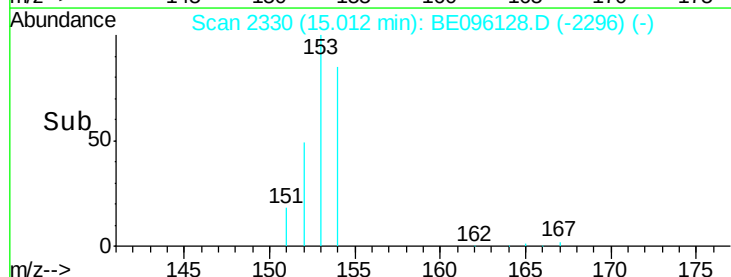
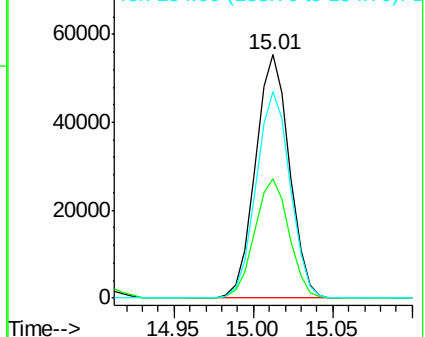
153 100

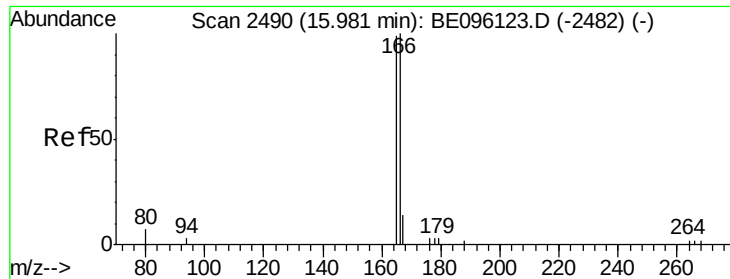
152 49.2 36.0 54.0

154 84.6 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: 16.611 ng/ul

RT: 15.98 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BE096128.D

Acq: 24 Apr 2018 20:18

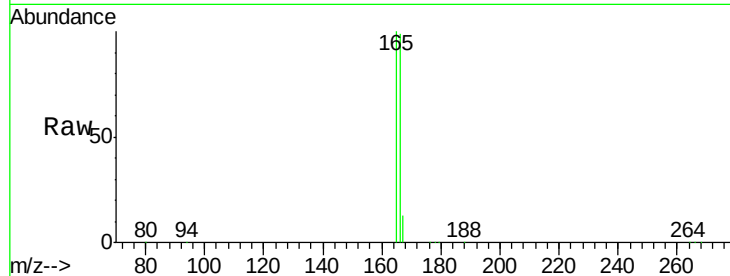
Tot Ion:166 Resp: 175807

Ion Ratio Lower Upper

166 100

165 101.1 73.4 110.2

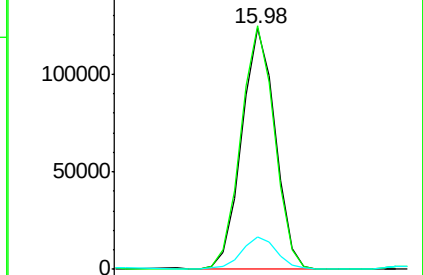
167 13.3 14.6 22.0#



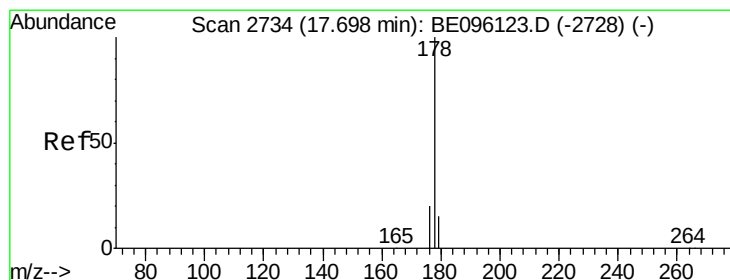
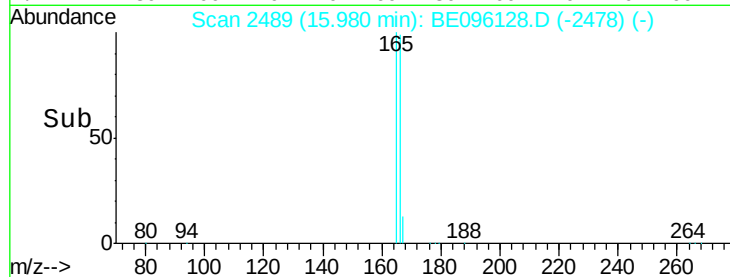
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#12

Phenanthrene

Concen: 0.209 ng/ul

RT: 17.80 min Scan# 2747

Delta R.T. 0.10 min

Lab File: BE096128.D

Acq: 24 Apr 2018 20:18

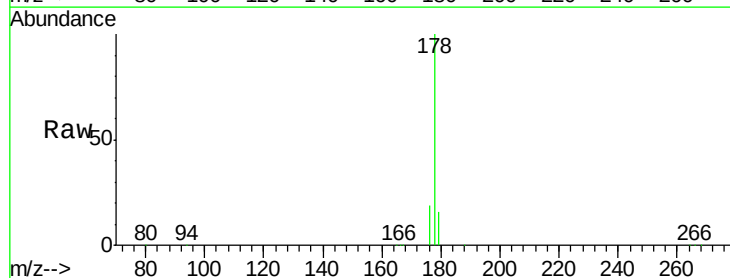
Tgt Ion:178 Resp: 220964

Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

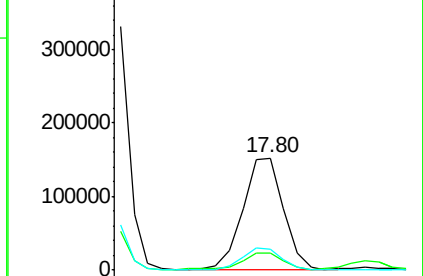
176 18.9 13.6 20.4



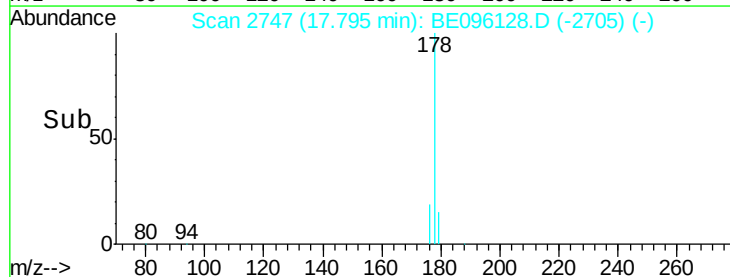
Abundance Ion 178.00 (177.70 to 178.70): E

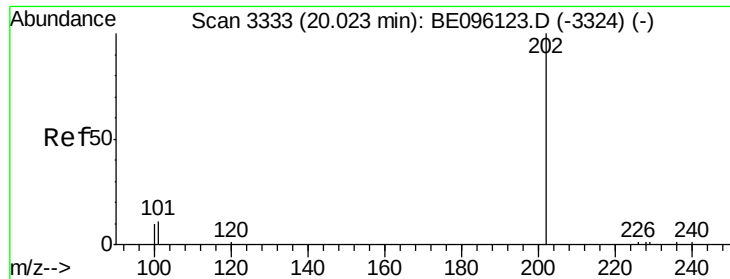
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



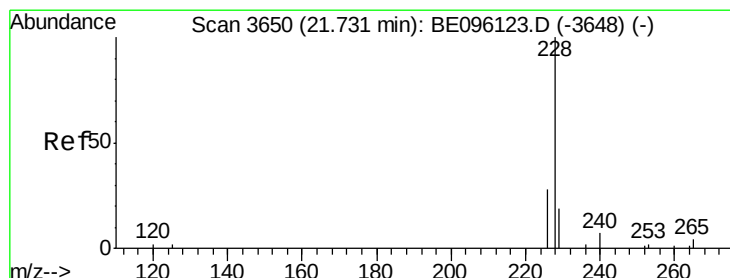
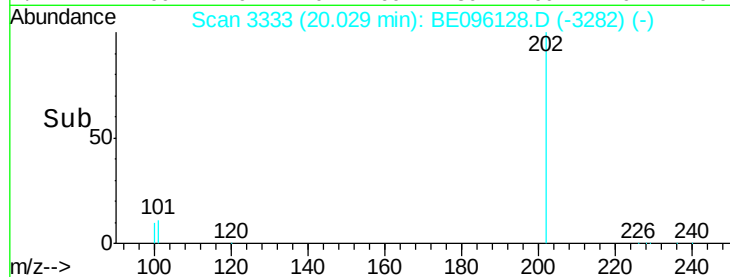
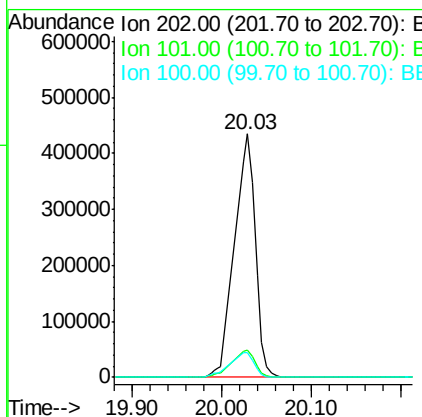
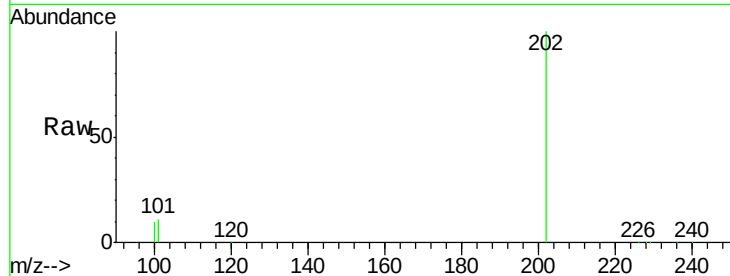
Time-->





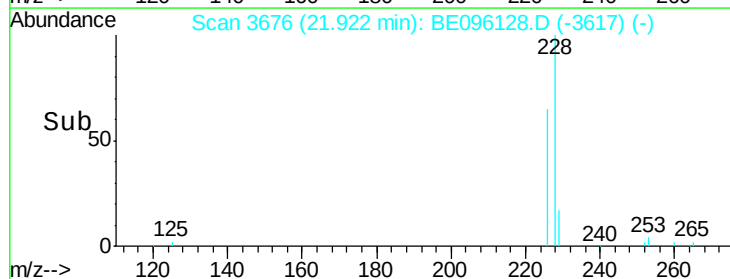
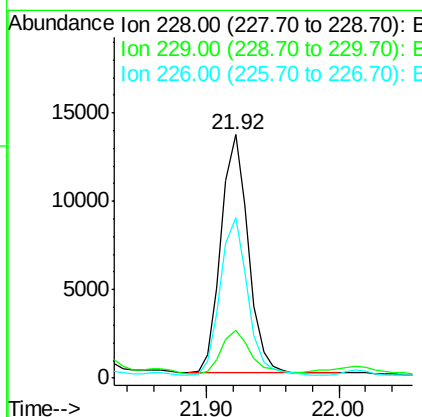
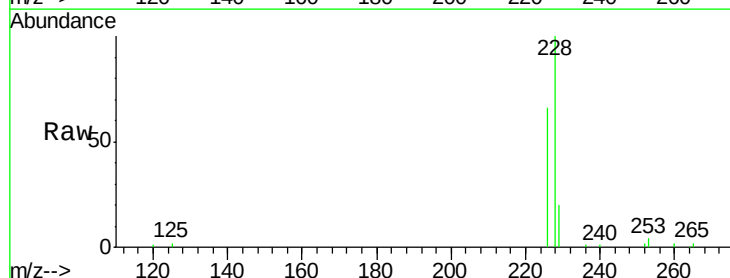
#17
Pvrene
Concen: 3263.831 ng/ul
RT: 20.03 min Scan# 3333
Delta R.T. 0.01 min
Lab File: BE096128.D
Acq: 24 Apr 2018 20:18

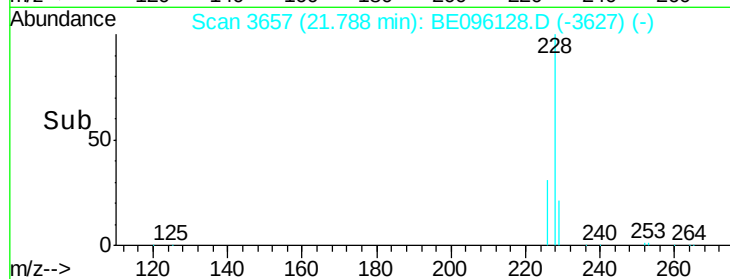
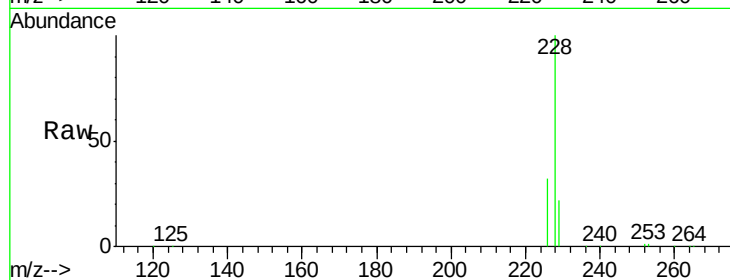
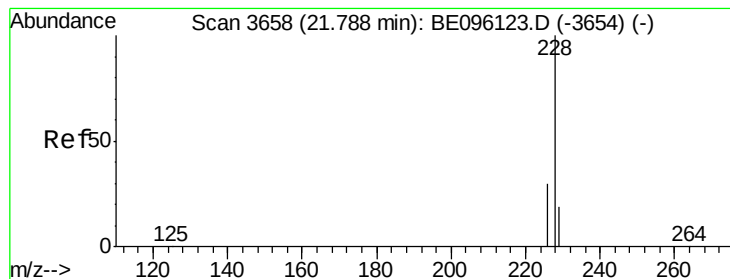
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	18.2	27.4#
100	10.0	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 85.750 ng/ul
RT: 21.92 min Scan# 3676
Delta R.T. 0.19 min
Lab File: BE096128.D
Acq: 24 Apr 2018 20:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	22.8	34.2#
226	65.8	17.0	25.6#





#19

Chrysene

Concen: 724.895 ng/ul

RT: 21.79 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BE096128.D

Acq: 24 Apr 2018 20:18

Tot Ion: 228 Resp: 149232

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

229 21.7 17.7 26.5

