

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
 Data File : BM007902.D
 Acq On : 15 Nov 2016 20:44
 Operator : UM/SJ
 Sample : H5612-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F2H05

Quant Time: Nov 16 07:45:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 07:43:19 2016
 Response via : Initial Calibration

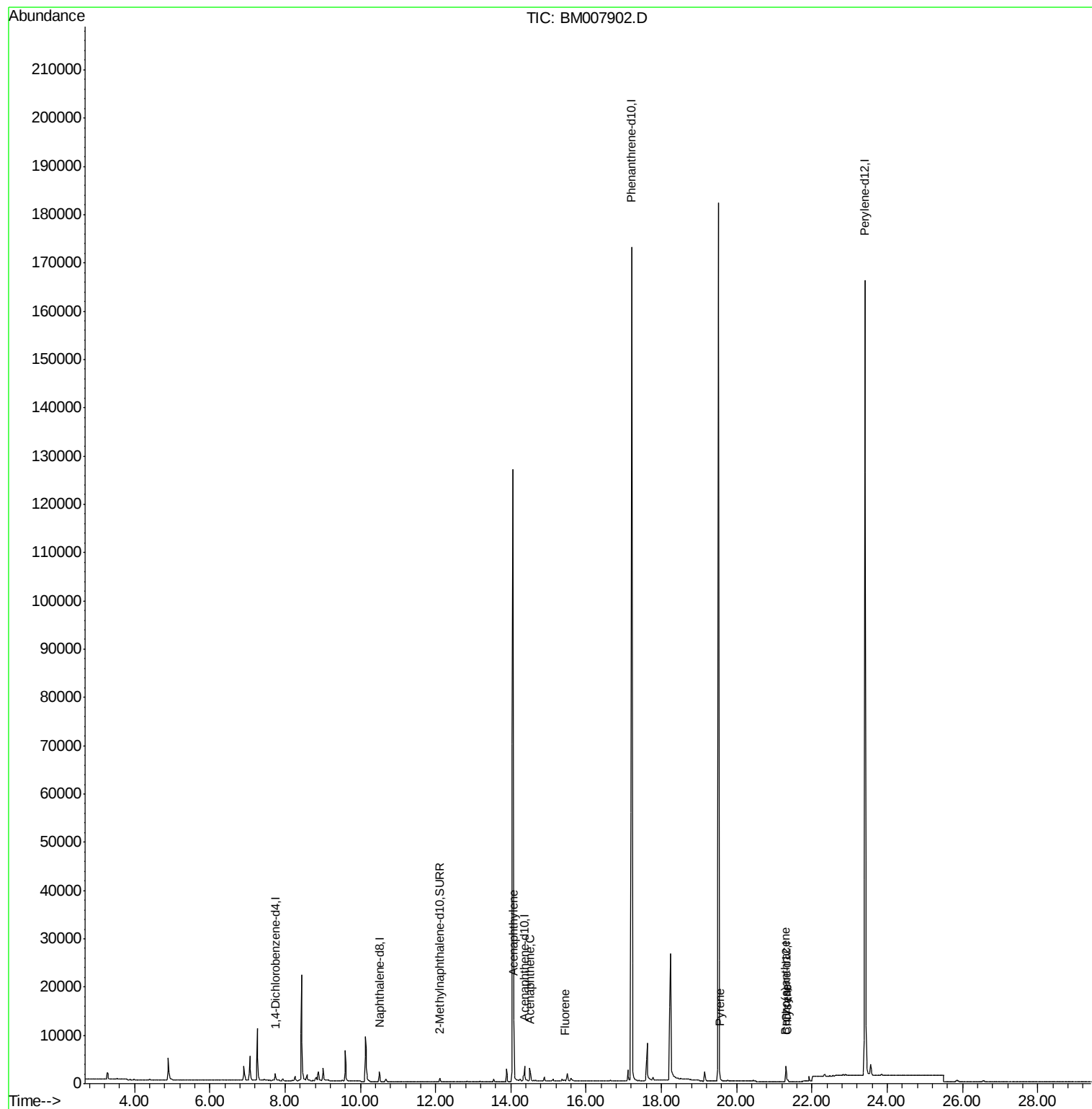
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	894	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	2880	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1775	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	218407	0.40	ng/ul	0.09
16) Chrysene-d12	21.31	240	3430	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	223701	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1202	0.35	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
7) Acenaphthylene	14.07	152	675	0.08	ng/ul#	84
8) Acenaphthene	14.50	153	4284	0.67	ng/ul#	26
9) Fluorene	15.43	166	227	0.03	ng/ul#	81
17) Pyrene	19.54	202	854	0.07	ng/ul#	60
18) Benzo(a)anthracene	21.29	228	286	0.03	ng/ul#	60
19) Chrysene	21.35	228	286	0.03	ng/ul#	65

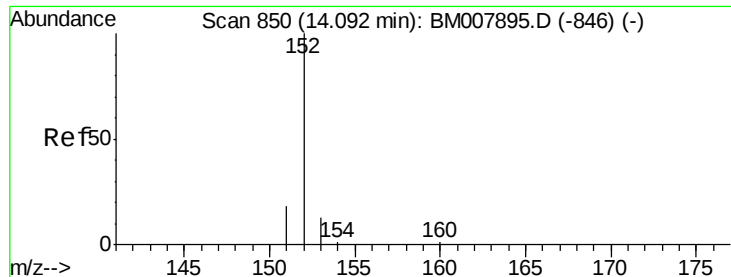
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.08 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. -0.02 min

Lab File: BM007902.D

Acq: 15 Nov 2016 20:44

Instrument :

BNA_M

ClientSampleId :

F2H05

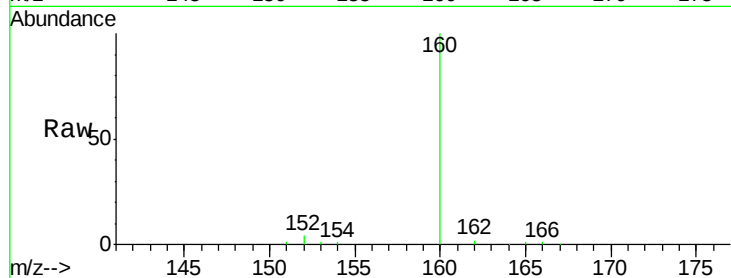
Tgt Ion:152 Resp: 675

Ion Ratio Lower Upper

152 100

151 29.5 17.1 25.7#

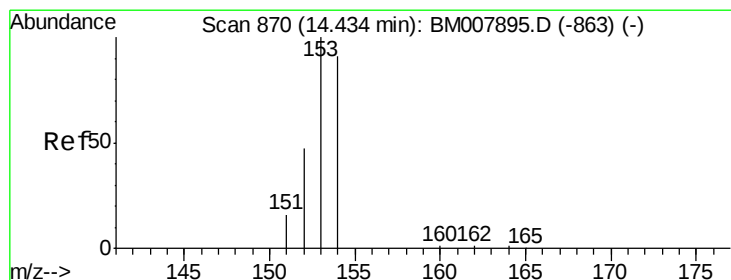
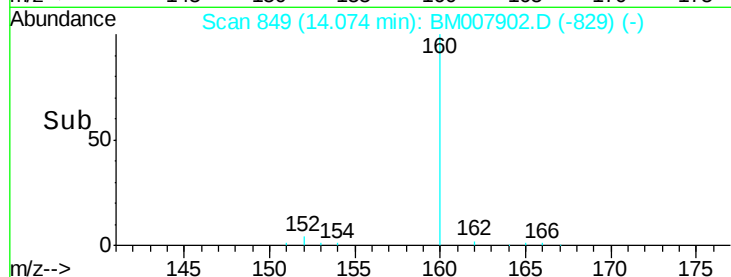
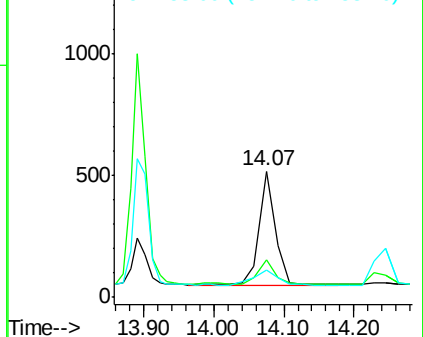
153 22.0 12.8 19.2#



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: 0.67 ng/ul

RT: 14.50 min Scan# 874

Delta R.T. 0.07 min

Lab File: BM007902.D

Acq: 15 Nov 2016 20:44

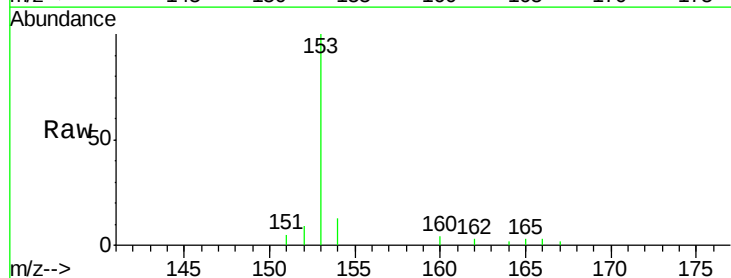
Tgt Ion:153 Resp: 4284

Ion Ratio Lower Upper

153 100

152 8.7 40.3 60.5#

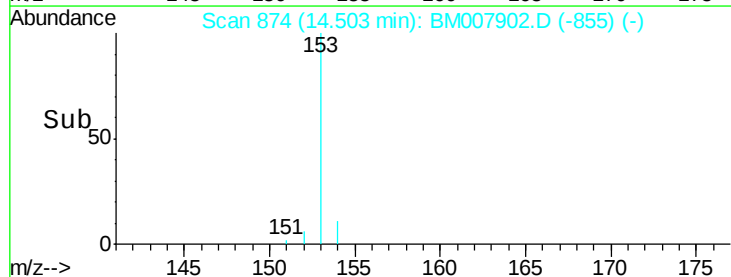
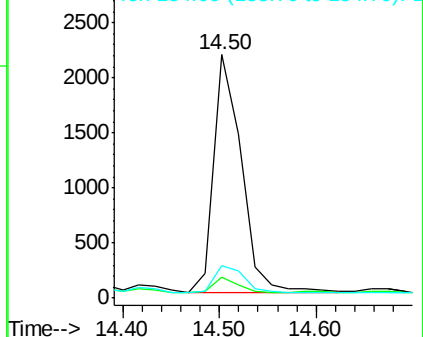
154 13.3 71.4 107.2#

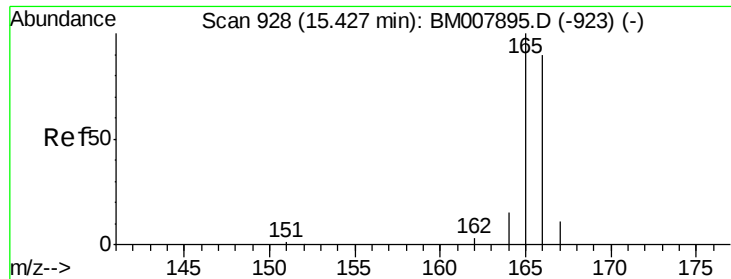


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.43 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM007902.D

Acq: 15 Nov 2016 20:44

Instrument :

BNA_M

ClientSampleId :

F2H05

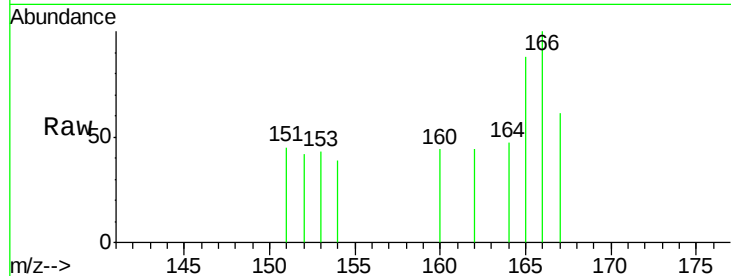
Tgt Ion:166 Resp: 227

Ion Ratio Lower Upper

166 100

165 88.2 73.4 110.2

167 60.6 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

400

300

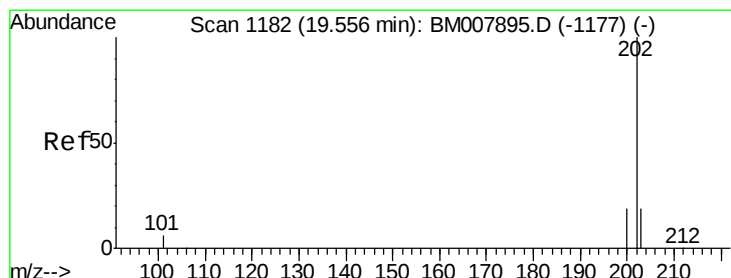
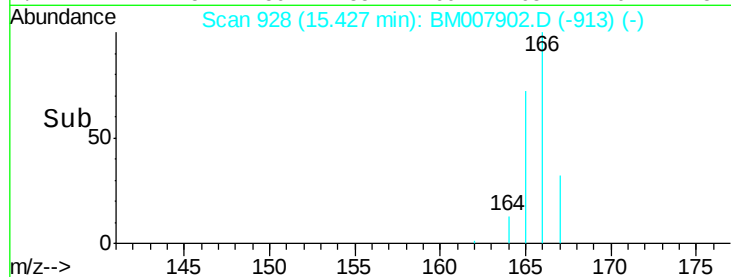
200

100

0

15.40 15.43 15.50 15.60

Time-->



#17

Pyrene

Concen: 0.07 ng/ul

RT: 19.54 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BM007902.D

Acq: 15 Nov 2016 20:44

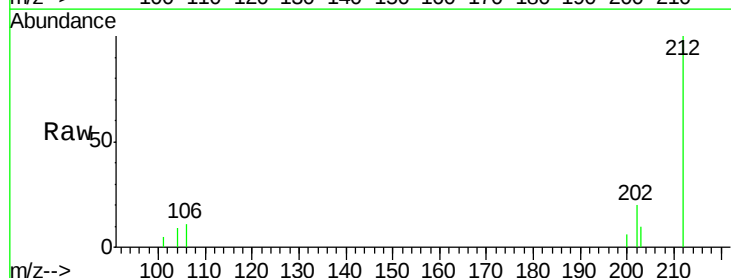
Tgt Ion:202 Resp: 854

Ion Ratio Lower Upper

202 100

200 32.1 18.2 27.4#

203 48.8 15.6 23.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

800

600

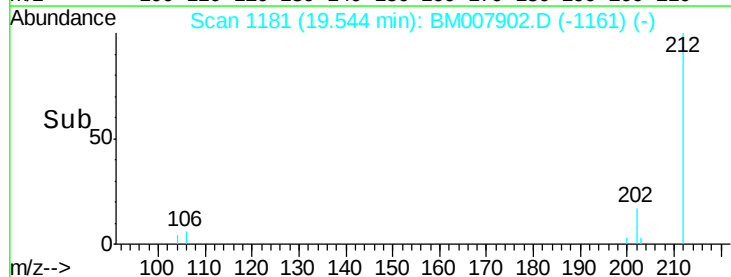
400

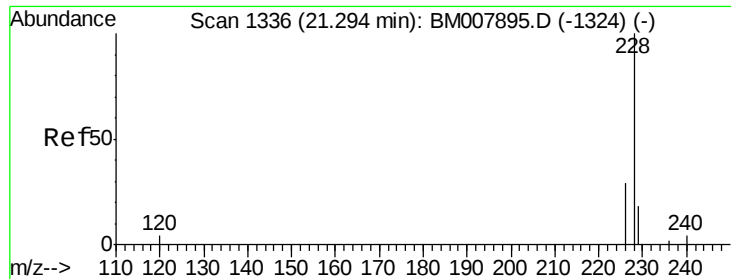
200

0

19.40 19.54 19.60

Time-->





#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BM007902.D

Acq: 15 Nov 2016 20:44

Instrument :

BNA_M

ClientSampleId :

F2H05

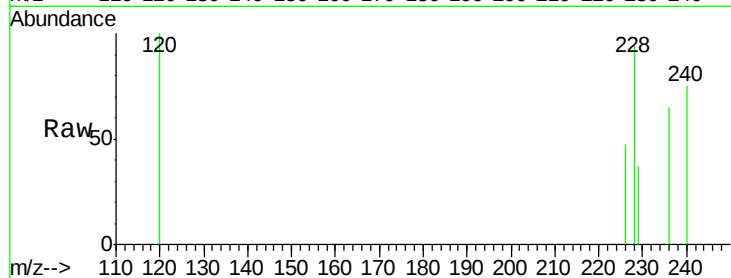
Tgt Ion:228 Resp: 286

Ion Ratio Lower Upper

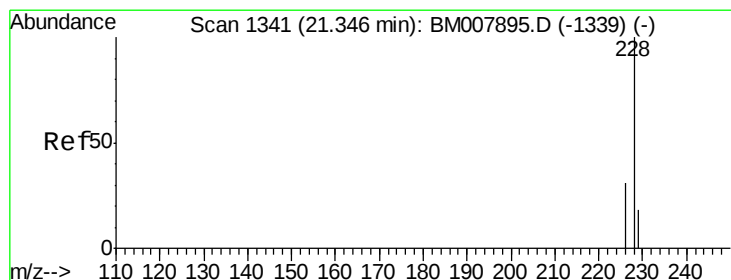
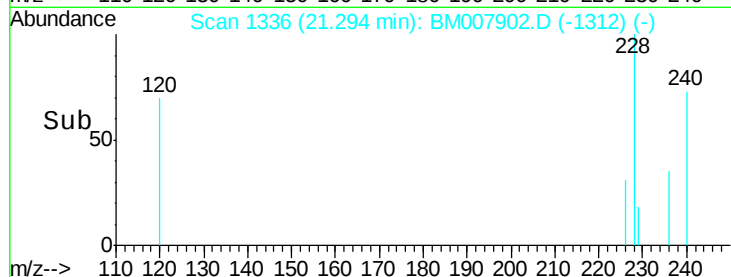
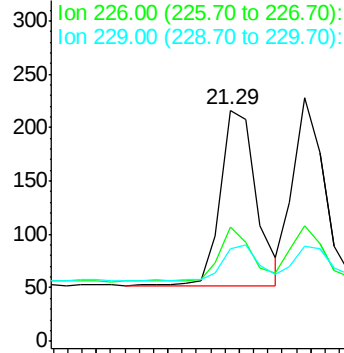
228 100

226 49.5 22.8 34.2#

229 39.8 17.0 25.6#



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



#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM007902.D

Acq: 15 Nov 2016 20:44

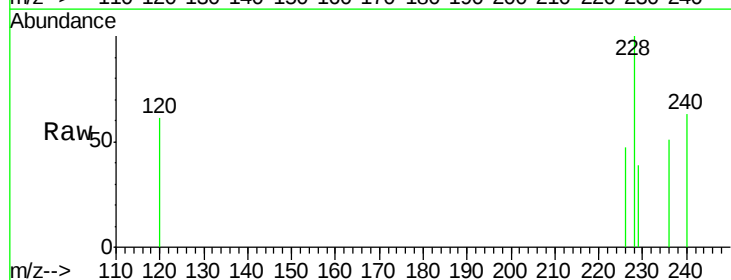
Tgt Ion:228 Resp: 286

Ion Ratio Lower Upper

228 100

226 47.4 23.4 35.0#

229 39.0 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

