

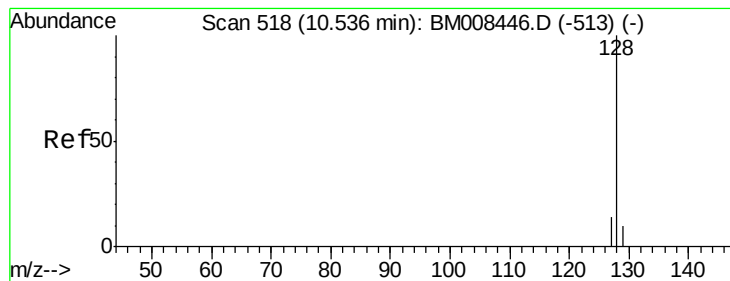
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008452.D
 Acq On : 19 Dec 2016 21:37
 Operator : UM/SJ
 Sample : H5938-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA827

Quant Time: Dec 20 03:44:30 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 03:40:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	374	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1319	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	1223	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	82369	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1596	0.40	ng/ul	-0.02
20) Perylene-d12	23.34	264	56998	0.40	ng/ul	-0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	508	0.25	ng/ul	-0.08
14) Fluoranthene-d10	19.10	212	1152	0.01	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	40039	10.79	ng/ul	94
5) 2-Methylnaphthalene	12.09	142	71097	28.46	ng/ul	100
7) Acenaphthylene	14.01	152	1917	0.35	ng/ul#	1
8) Acenaphthene	14.35	153	5789	1.39	ng/ul	96
9) Fluorene	15.34	166	12786	2.69	ng/ul#	73
17) Pyrene	19.48	202	1649	0.27	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	507	0.10	ng/ul#	51
19) Chrysene	21.29	228	929	0.16	ng/ul#	74

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



#3

Naphthalene

Concen: 10.79 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

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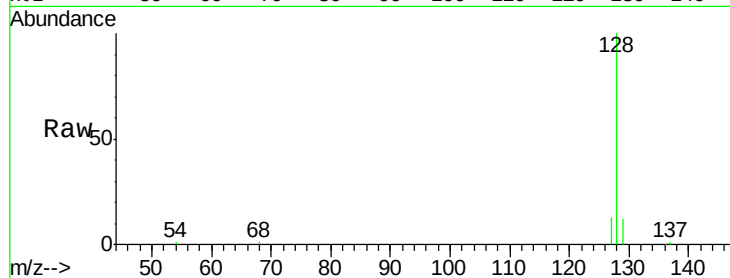
Tgt Ion:128 Resp: 40039

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

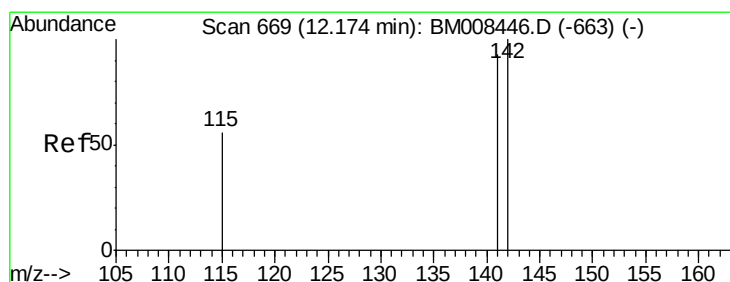
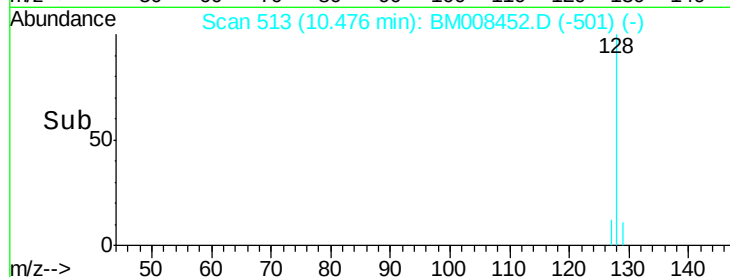
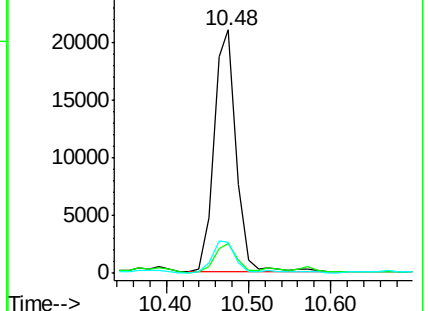
127 12.9 12.8 19.2



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: 28.46 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. -0.08 min

Lab File: BM008452.D

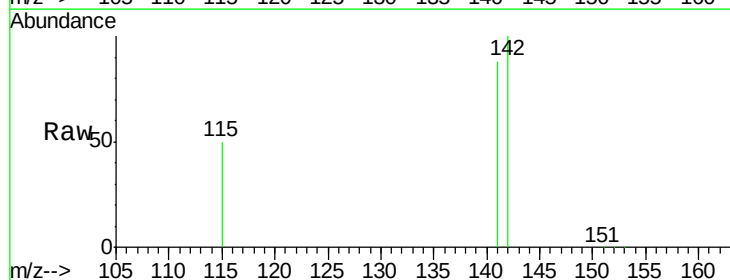
Acq: 19 Dec 2016 21:37

Tgt Ion:142 Resp: 71097

Ion Ratio Lower Upper

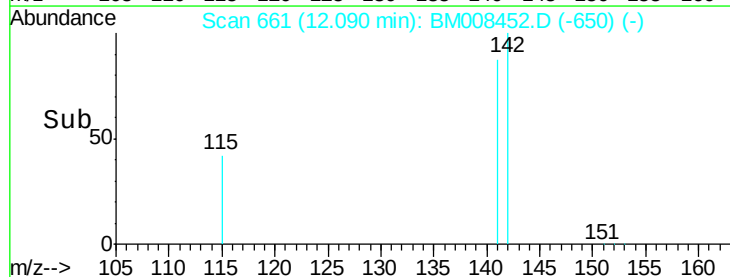
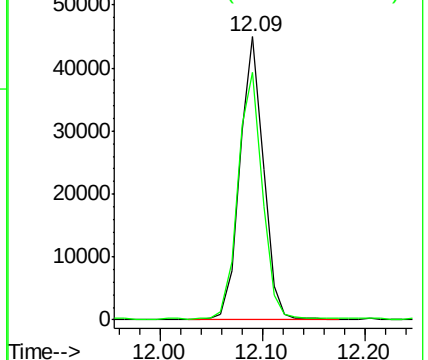
142 100

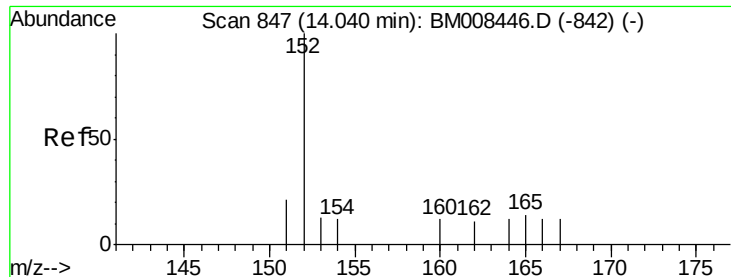
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.35 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008452.D

Acq: 19 Dec 2016 21:37

Instrument :

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ClientSampleId :

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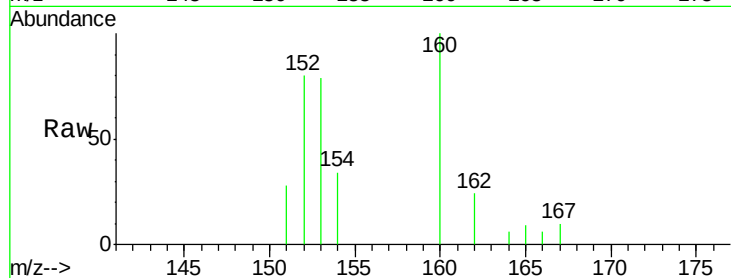
Tgt Ion:152 Resp: 1917

Ion Ratio Lower Upper

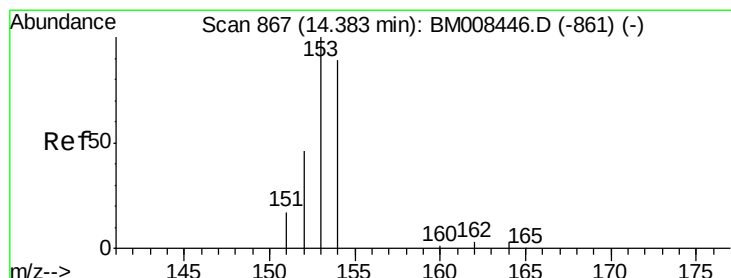
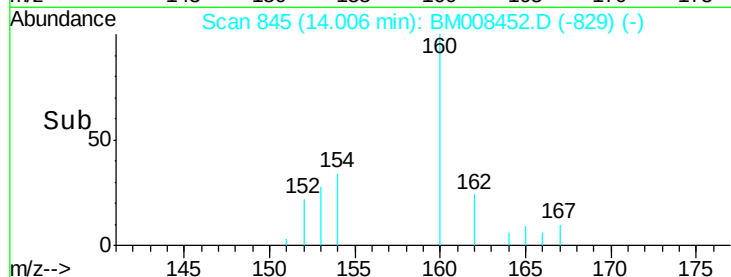
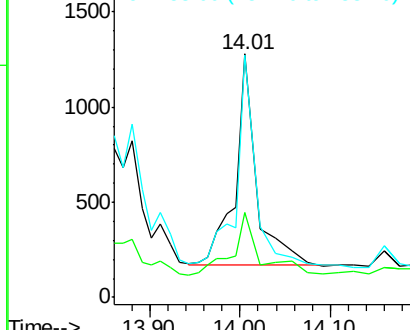
152 100

151 34.7 17.1 25.7#

153 99.7 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: 1.39 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008452.D

Acq: 19 Dec 2016 21:37

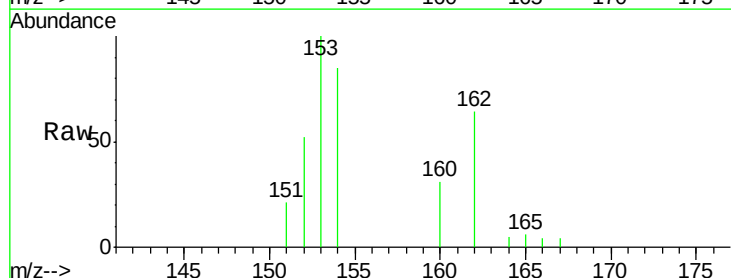
Tgt Ion:153 Resp: 5789

Ion Ratio Lower Upper

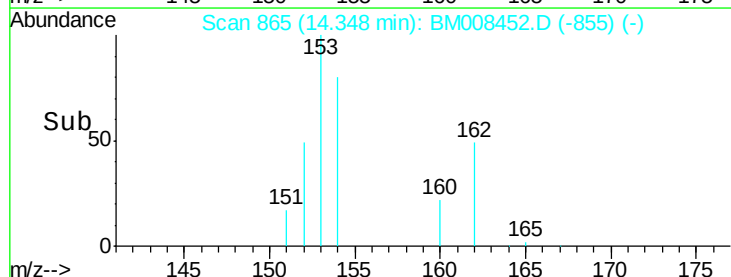
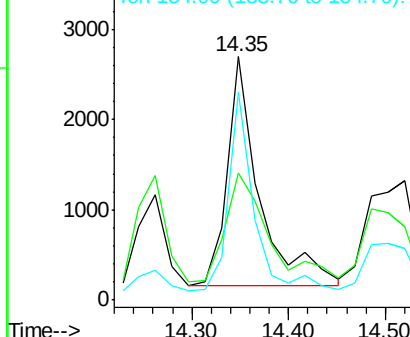
153 100

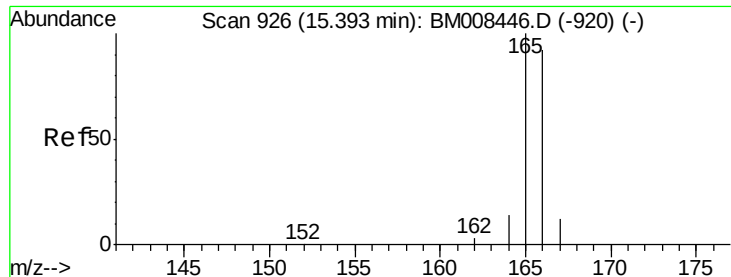
152 52.2 40.3 60.5

154 85.3 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: 2.69 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.05 min

Lab File: BM008452.D

Acq: 19 Dec 2016 21:37

Instrument :

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ClientSampleId :

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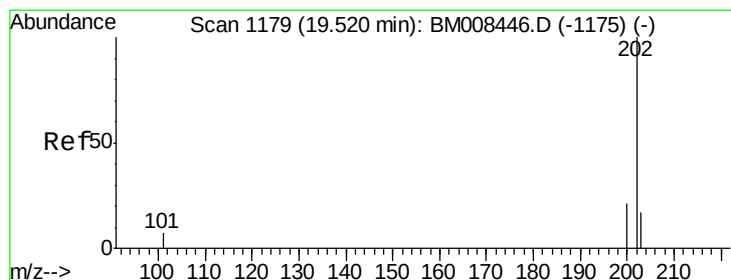
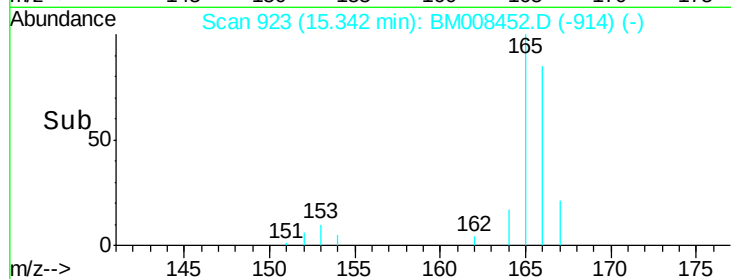
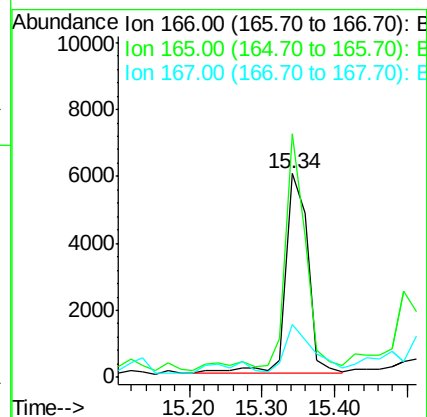
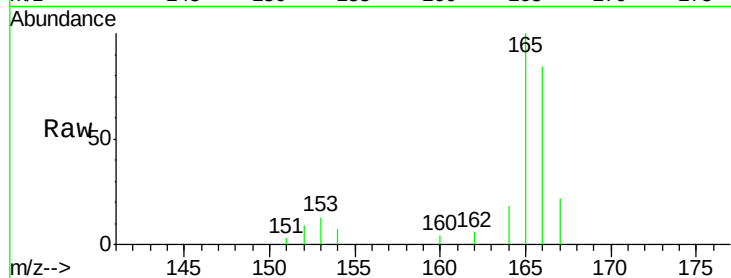
Tgt Ion:166 Resp: 12786

Ion Ratio Lower Upper

166 100

165 119.6 73.4 110.2#

167 25.9 14.6 22.0#



#17

Pyrene

Concen: 0.27 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.04 min

Lab File: BM008452.D

Acq: 19 Dec 2016 21:37

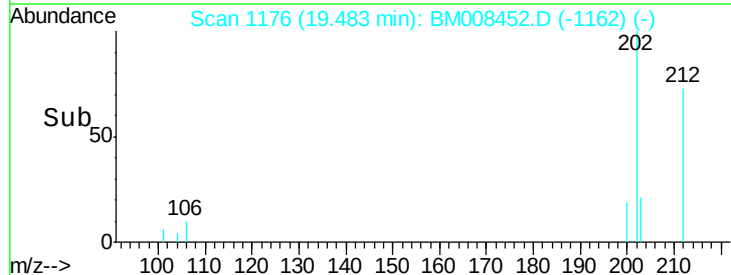
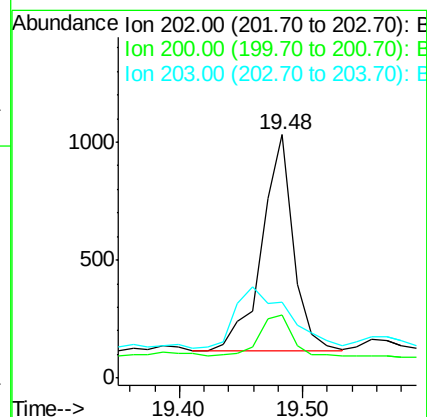
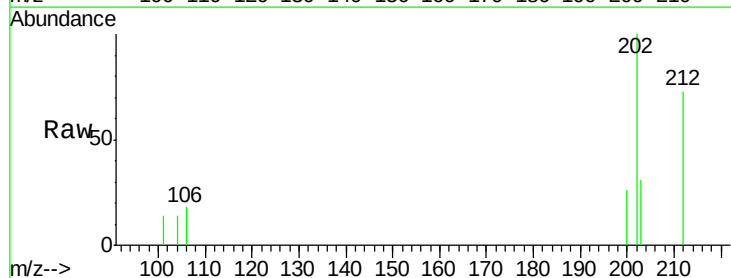
Tgt Ion:202 Resp: 1649

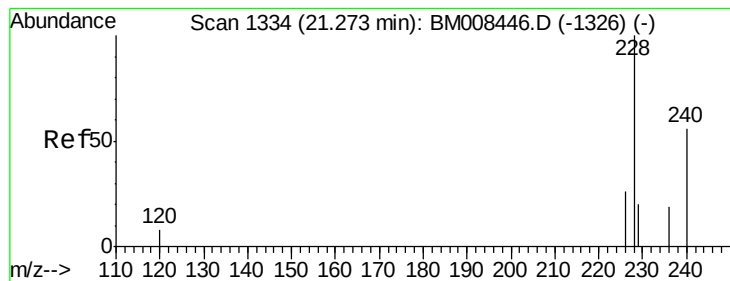
Ion Ratio Lower Upper

202 100

200 26.2 18.2 27.4

203 31.1 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.10 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM008452.D

Acq: 19 Dec 2016 21:37

Instrument :

BNA_M

ClientSampleId :

DA827

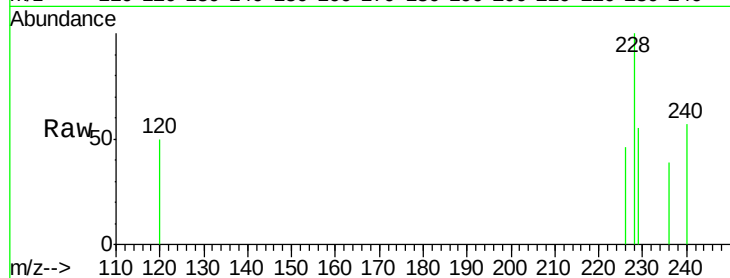
Tgt Ion:228 Resp: 507

Ion Ratio Lower Upper

228 100

226 46.2 22.8 34.2#

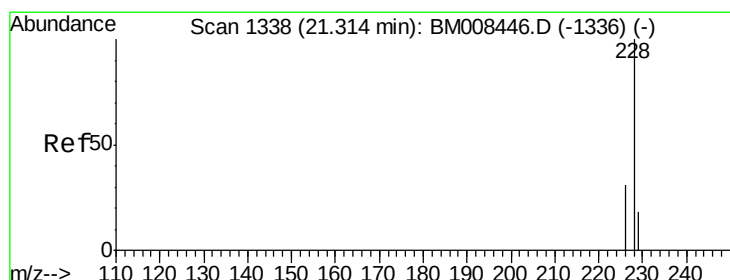
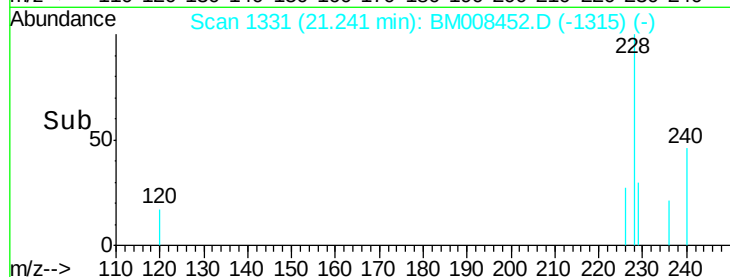
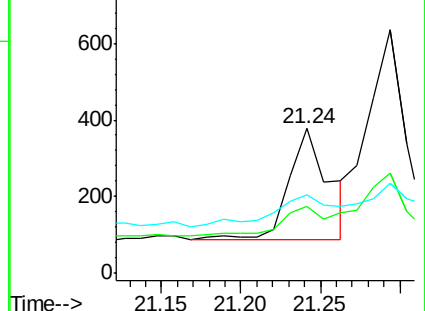
229 54.6 17.0 25.6#



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: 0.16 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BM008452.D

Acq: 19 Dec 2016 21:37

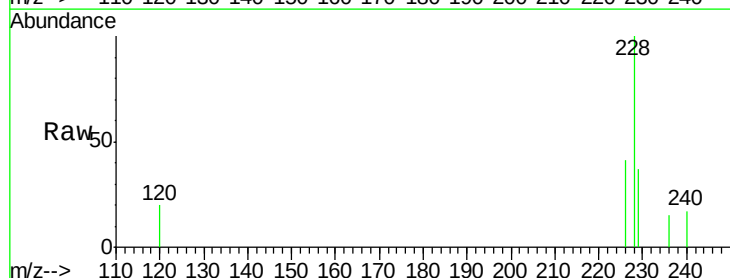
Tgt Ion:228 Resp: 929

Ion Ratio Lower Upper

228 100

226 40.9 23.4 35.0#

229 37.0 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

