

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096983.D
 Acq On : 18 Jul 2018 7:05
 Operator : SJ/JU
 Sample : J3967-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 18 07:58:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2799	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	14657	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	9287	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1489875	0.40	ng/ul	0.10
16) Chrysene-d12	21.12	240	40	0.40	ng/ul	0.14
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.21

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.74	152	6911	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	466	0.00	ng/ul	0.05

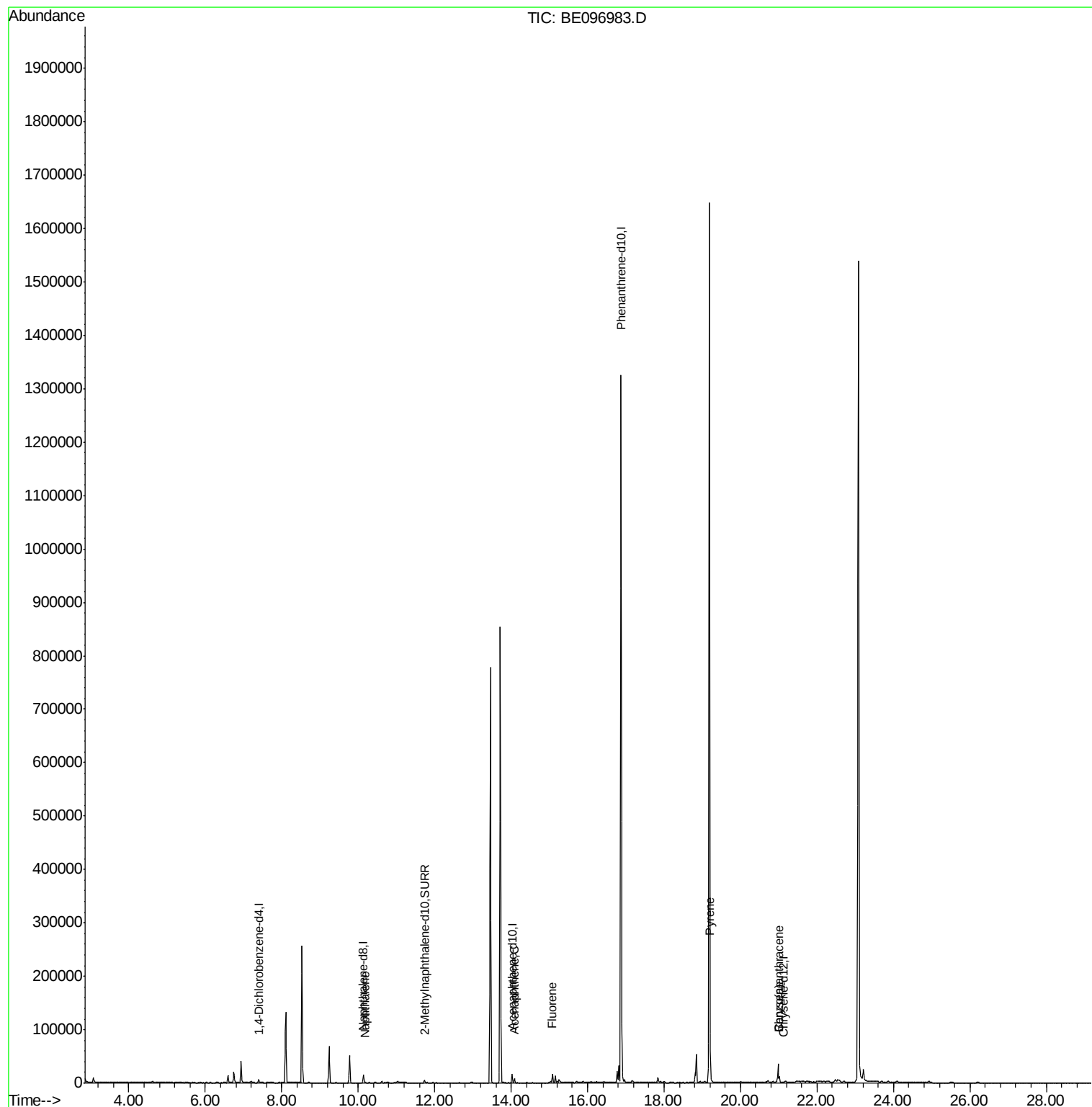
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.19	128	977	0.028	ng/ul#	85
8) Acenaphthene	14.08	153	4169	0.133	ng/ul	93
9) Fluorene	15.08	166	9855	0.295	ng/ul	93
17) Pyrene	19.21	202	39717	343.242	ng/ul#	83
18) Benzo(a)anthracene	21.02	228	10920	103.099	ng/ul#	90
19) Chrysene	21.02	228	10920	90.895	ng/ul#	94

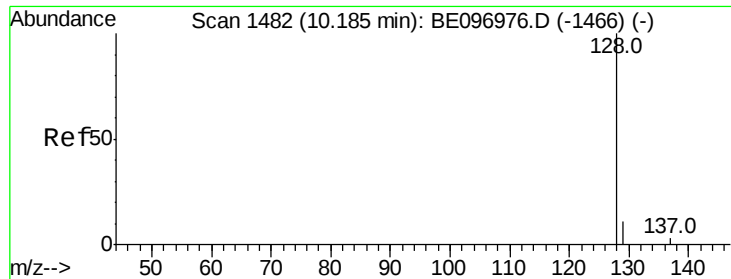
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

Instrument :

BNA_E

ClientSampleId :

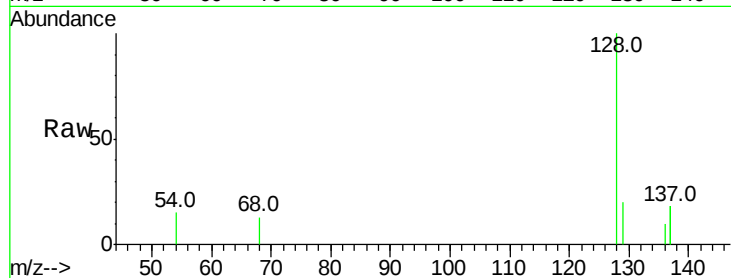
Tot Ion:128 Resp: 977

Ion Ratio Lower Upper

128 100

129 20.4 11.3 16.9#

127 0.0 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

10.19

600

400

200

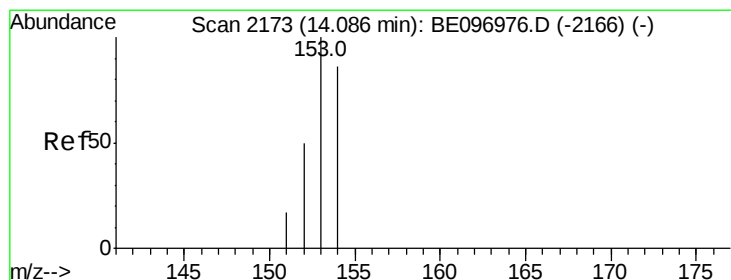
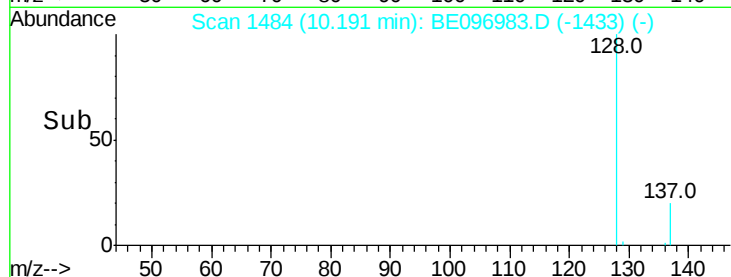
0

10.15

10.20

10.25

Time-->



#8

Acenaphthene

Concen: 0.133 ng/ul

RT: 14.08 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

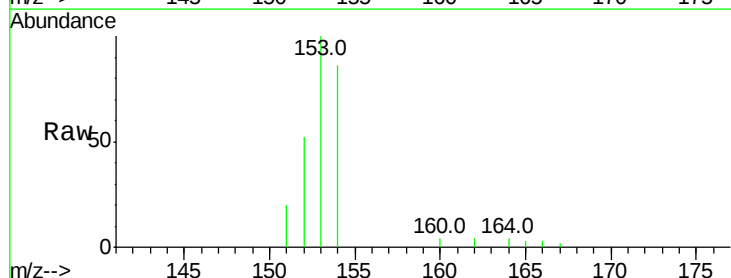
Tgt Ion:153 Resp: 4169

Ion Ratio Lower Upper

153 100

152 52.4 36.0 54.0

154 85.8 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

14.08

4000

3000

2000

1000

0

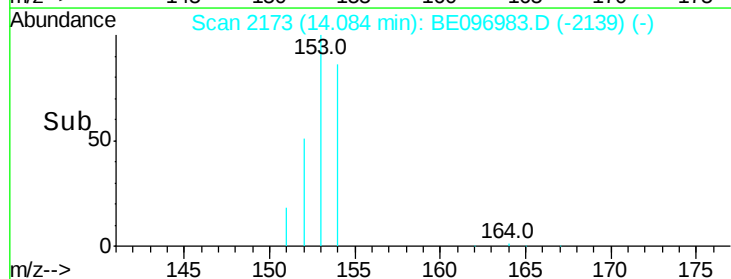
14.00

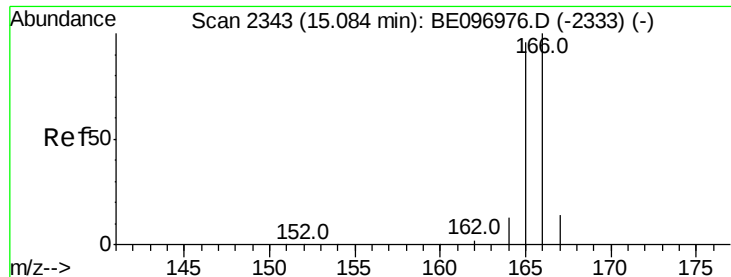
14.05

14.10

14.15

Time-->





#9

Fluorene

Concen: 0.295 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

Instrument :

BNA_E

ClientSampleId :

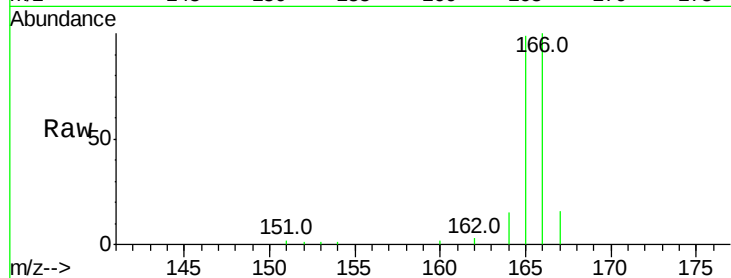
Tot Ion:166 Resp: 9855

Ion Ratio Lower Upper

166 100

165 98.6 73.4 110.2

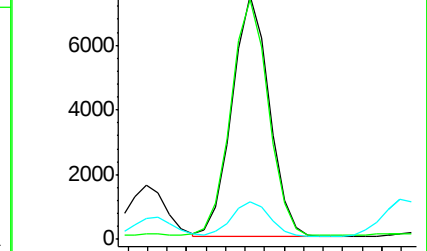
167 15.5 14.6 22.0



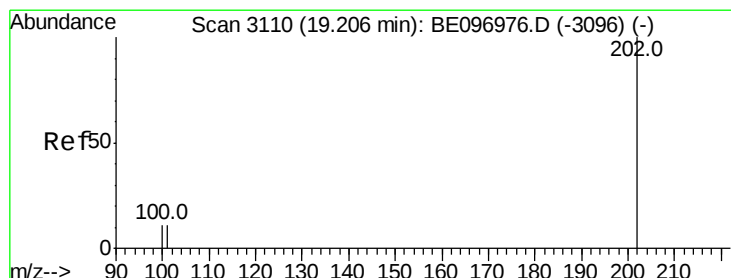
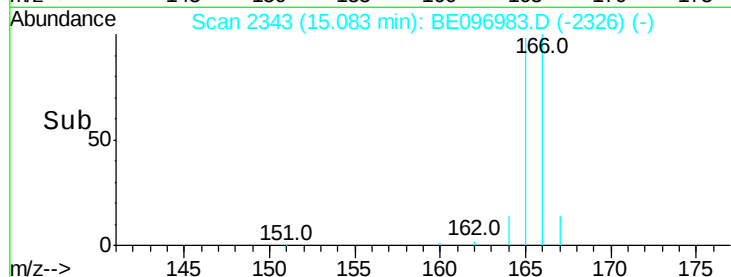
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#17

Pyrene

Concen: 343.242 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

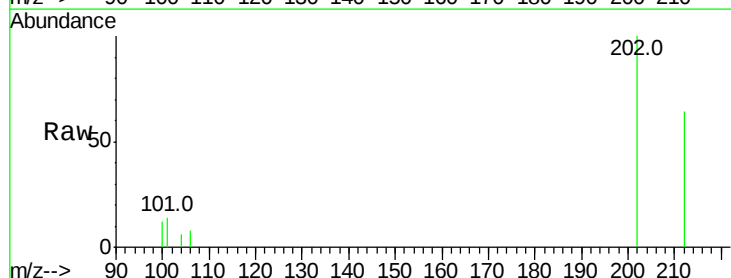
Tgt Ion:202 Resp: 39717

Ion Ratio Lower Upper

202 100

101 14.1 18.2 27.4#

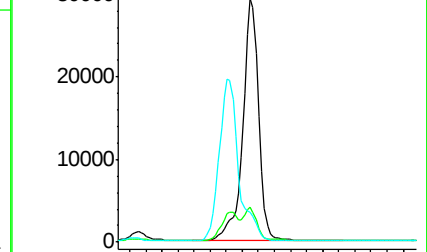
100 12.4 15.6 23.4#



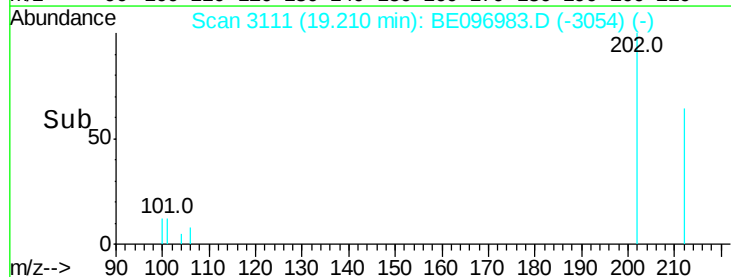
Abundance Ion 202.00 (201.70 to 202.70): E

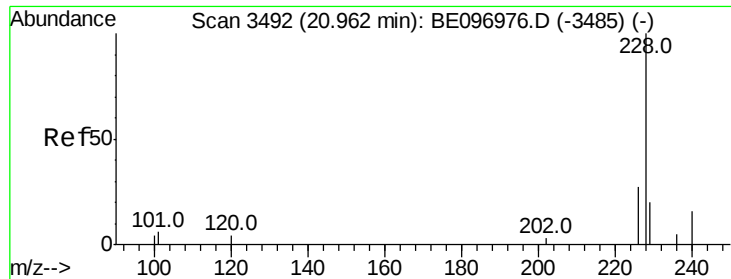
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->





#18

Benzo(a)anthracene

Concen: 103.099 ng/ul

RT: 21.02 min Scan# 3502

Delta R.T. 0.05 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

Instrument :

BNA_E

ClientSampleId :

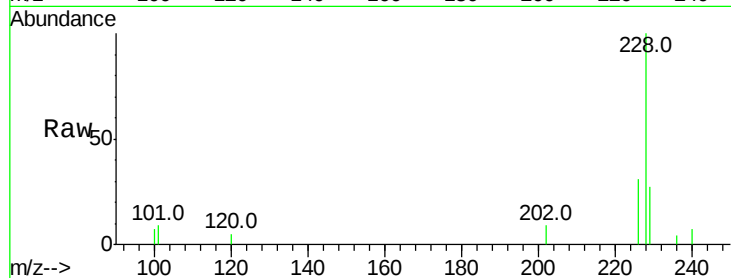
Tot Ion:228 Resp: 10920

Ion Ratio Lower Upper

228 100

229 27.1 22.8 34.2

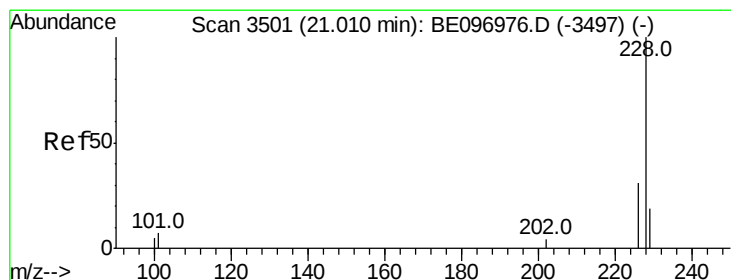
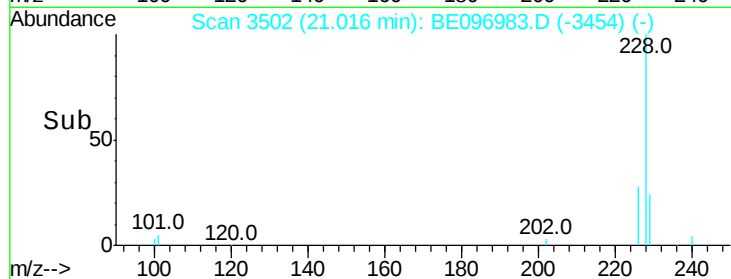
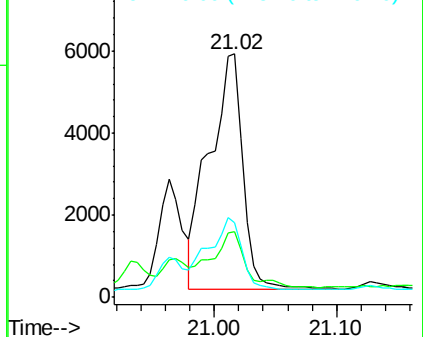
226 30.6 17.0 25.6#



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: 90.895 ng/ul

RT: 21.02 min Scan# 3502

Delta R.T. 0.01 min

Lab File: BE096983.D

Acq: 18 Jul 2018 7:05

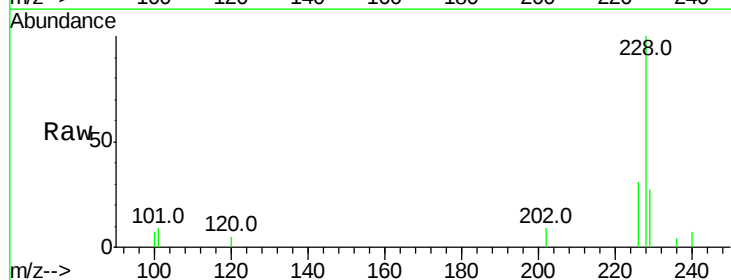
Tgt Ion:228 Resp: 10920

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 27.1 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

