

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012618\
 Data File : BE095141.D
 Acq On : 26 Jan 2018 23:09
 Operator : SJ/JU
 Sample : J1174-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 27 00:38:02 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 00:35:54 2018
 Response via : Initial Calibration

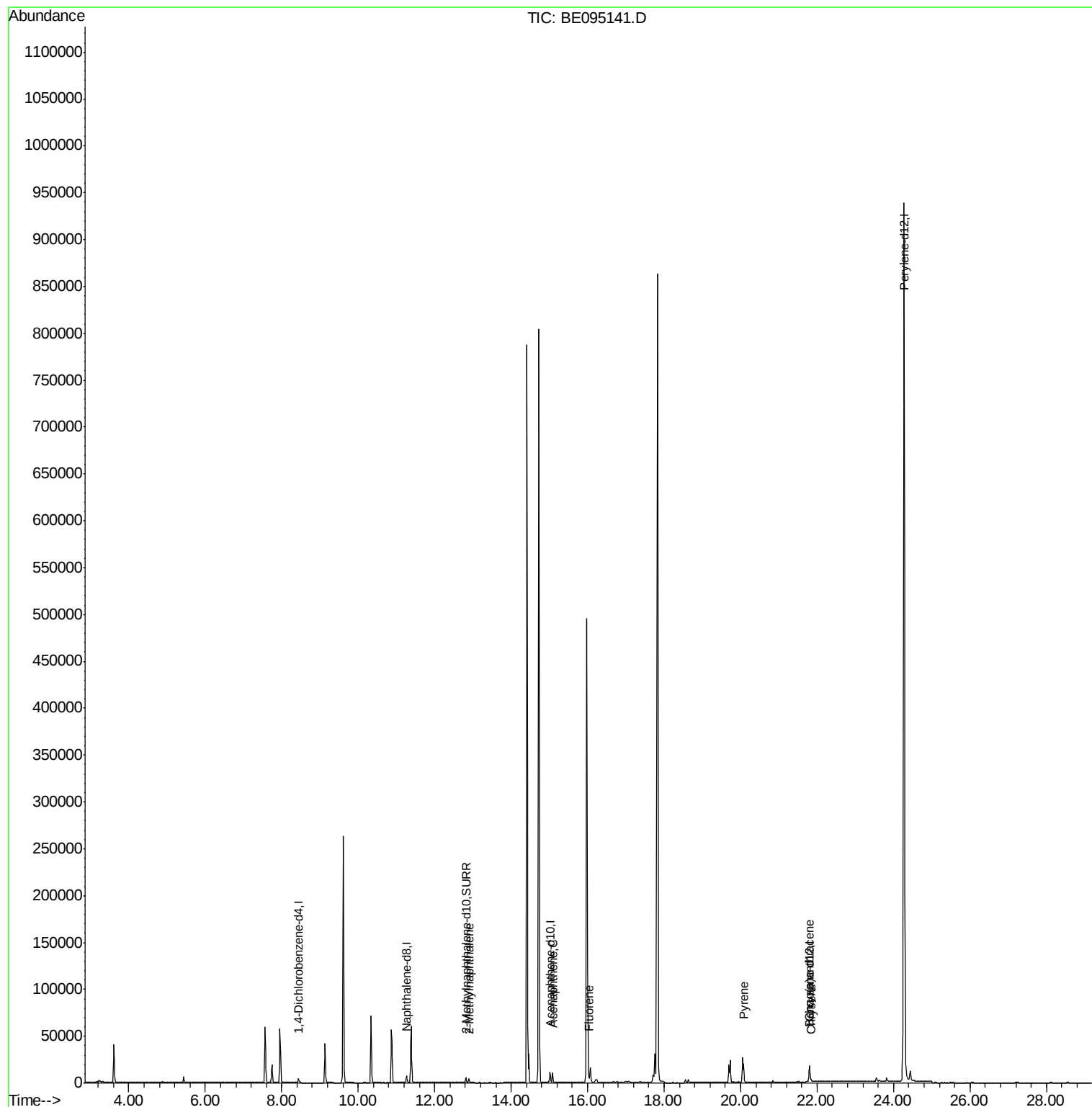
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3148	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10320	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6680	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.73
16) Chrysene-d12	21.80	240	15837	0.40	ng/ul	0.00
20) Perylene-d12	24.27	264	1224102	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	6800	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	20869	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	3069	0.159	ng/ul	99
8) Acenaphthene	15.08	153	6225	0.250	ng/ul	97
9) Fluorene	16.03	166	5814	0.226	ng/ul#	74
17) Pyrene	20.08	202	22915	0.431	ng/ul#	83
18) Benzo(a)anthracene	21.79	228	4148	0.084	ng/ul#	88
19) Chrysene	21.84	228	3413	0.066	ng/ul	94

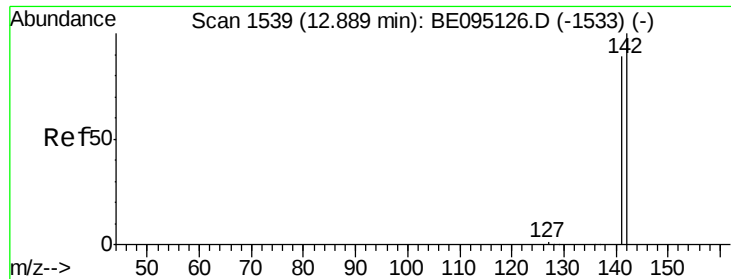
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.159 ng/ul

RT: 12.89 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

Instrument :

BNA_E

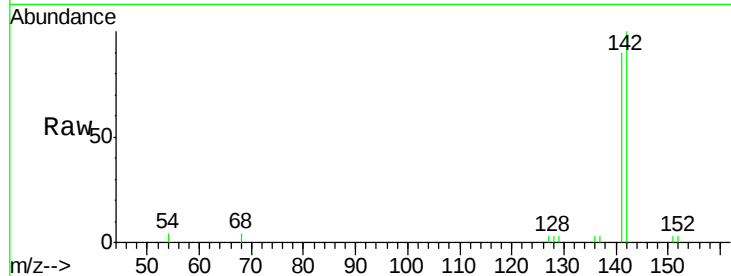
ClientSampleId :

Tot Ion:142 Resp: 3069

Ion Ratio Lower Upper

142 100

141 89.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.89

2500

2000

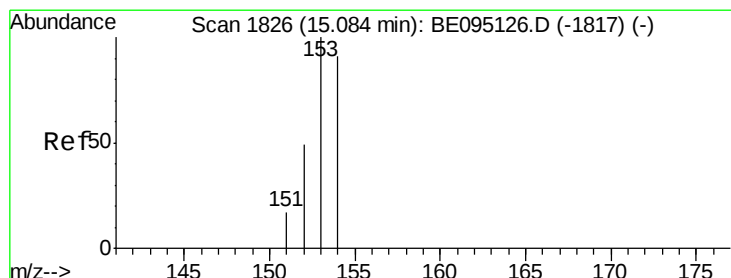
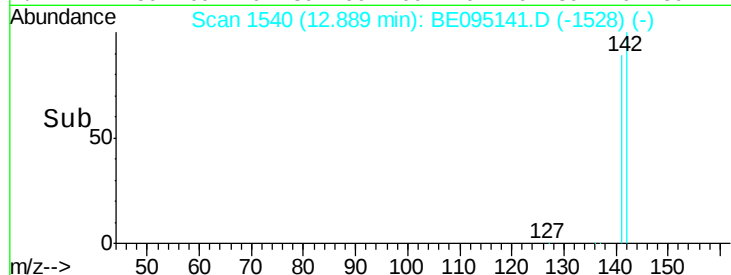
1500

1000

500

0

Time--> 12.80 12.85 12.90 12.95



#8

Acenaphthene

Concen: 0.250 ng/ul

RT: 15.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

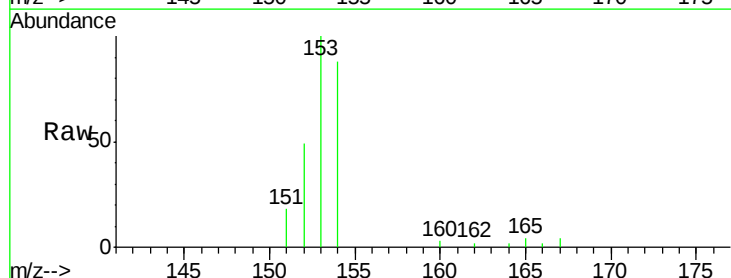
Tgt Ion:153 Resp: 6225

Ion Ratio Lower Upper

153 100

152 49.3 36.0 54.0

154 88.4 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

15.08

5000

4000

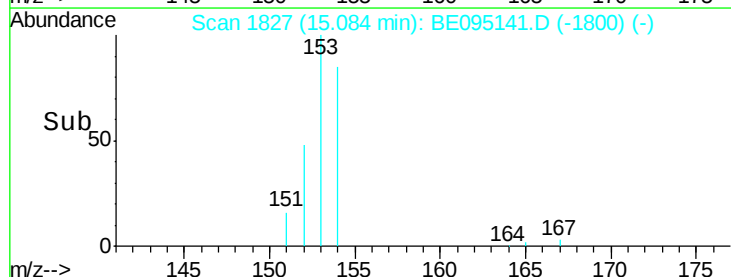
3000

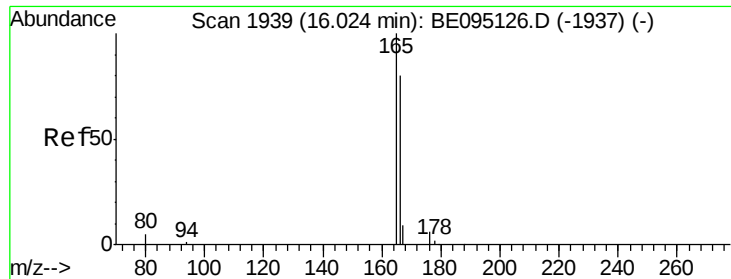
2000

1000

0

Time--> 15.00 15.05 15.10 15.15





#9

Fluorene

Concen: 0.226 ng/ul

RT: 16.03 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BE095141.D

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Instrument :

BNA_E

ClientSampleId :

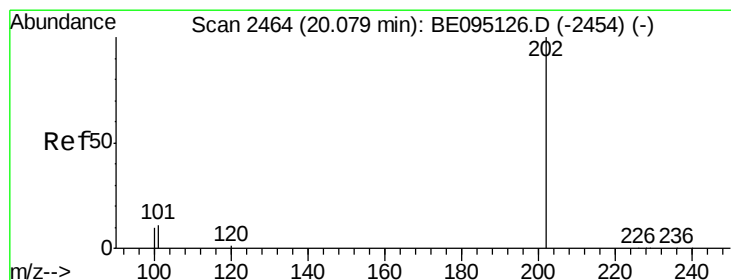
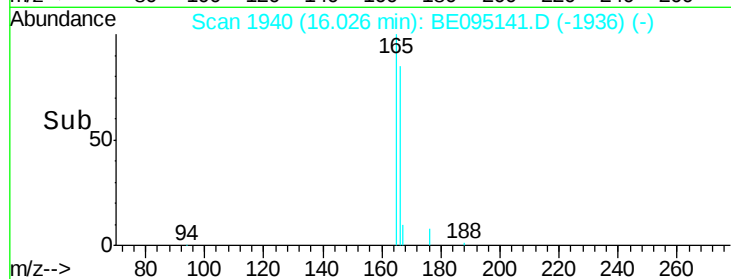
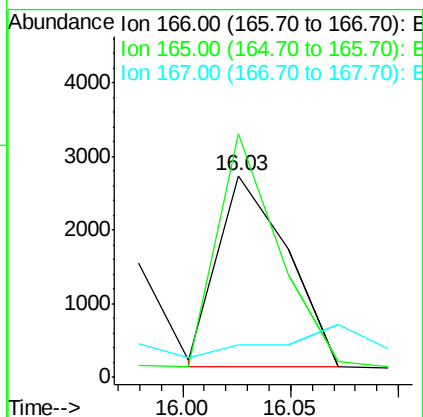
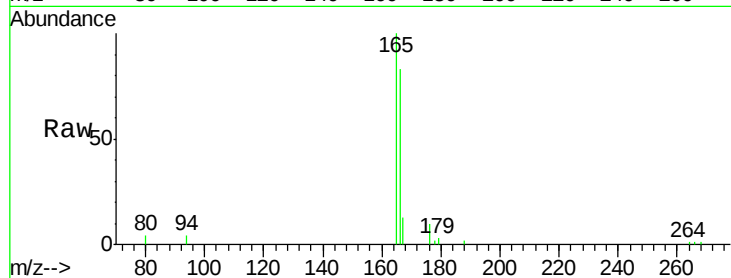
Tot Ion:166 Resp: 5814

Ion Ratio Lower Upper

166 100

165 120.7 73.4 110.2#

167 15.9 14.6 22.0



#17

Pyrene

Concen: 0.431 ng/ul

RT: 20.08 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

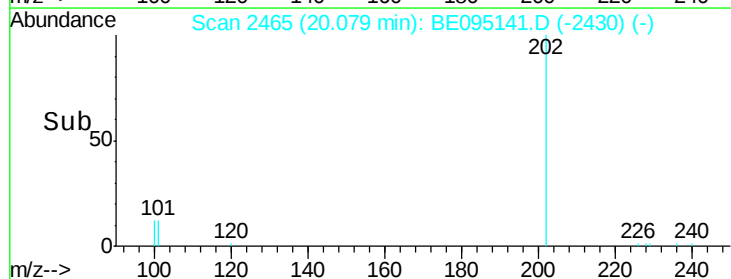
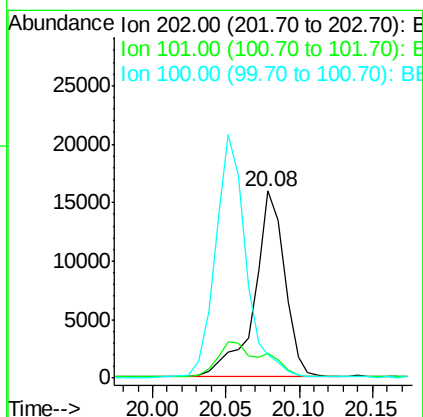
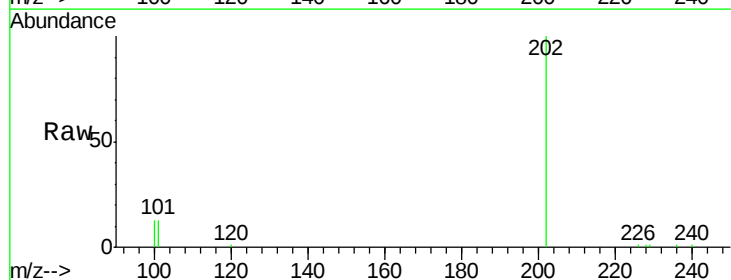
Tgt Ion:202 Resp: 22915

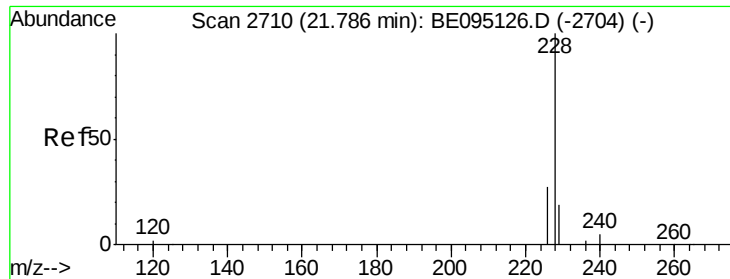
Ion Ratio Lower Upper

202 100

101 13.2 18.2 27.4#

100 12.8 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.084 ng/ul

RT: 21.79 min Scan# 2711

Delta R.T. 0.00 min

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Instrument :

BNA_E

ClientSampleId :

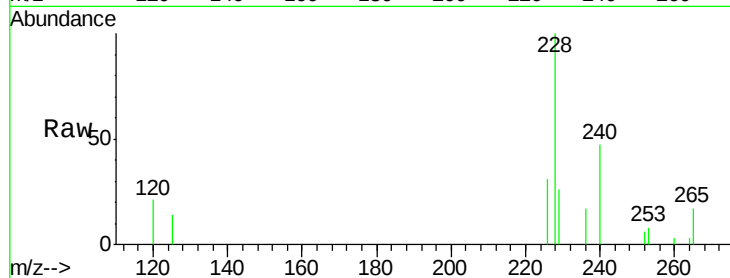
Tot Ion:228 Resp: 4148

Ion Ratio Lower Upper

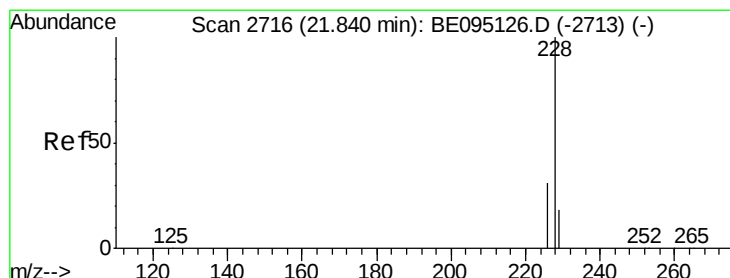
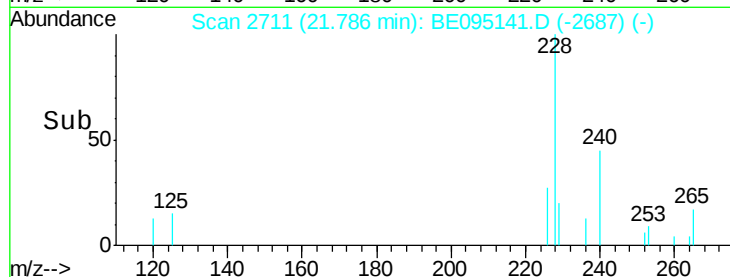
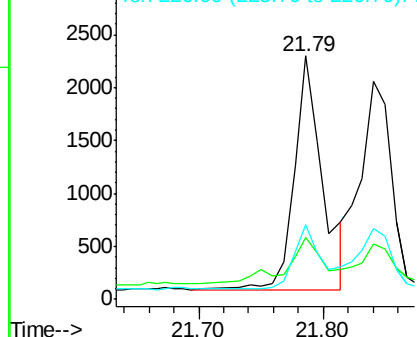
228 100

229 25.5 22.8 34.2

226 30.7 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: 0.066 ng/ul

RT: 21.84 min Scan# 2717

Delta R.T. 0.00 min

Lab File: BE095141.D

Acq: 26 Jan 2018 23:09

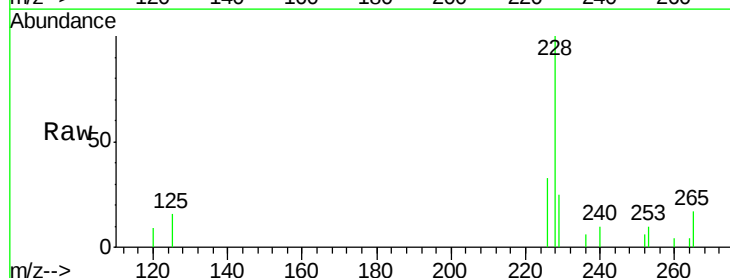
Tgt Ion:228 Resp: 3413

Ion Ratio Lower Upper

228 100

226 32.6 23.4 35.0

229 25.3 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

