

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012818\
 Data File : BE095220.D
 Acq On : 28 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1221-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 29 07:00:44 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 06:58:46 2018
 Response via : Initial Calibration

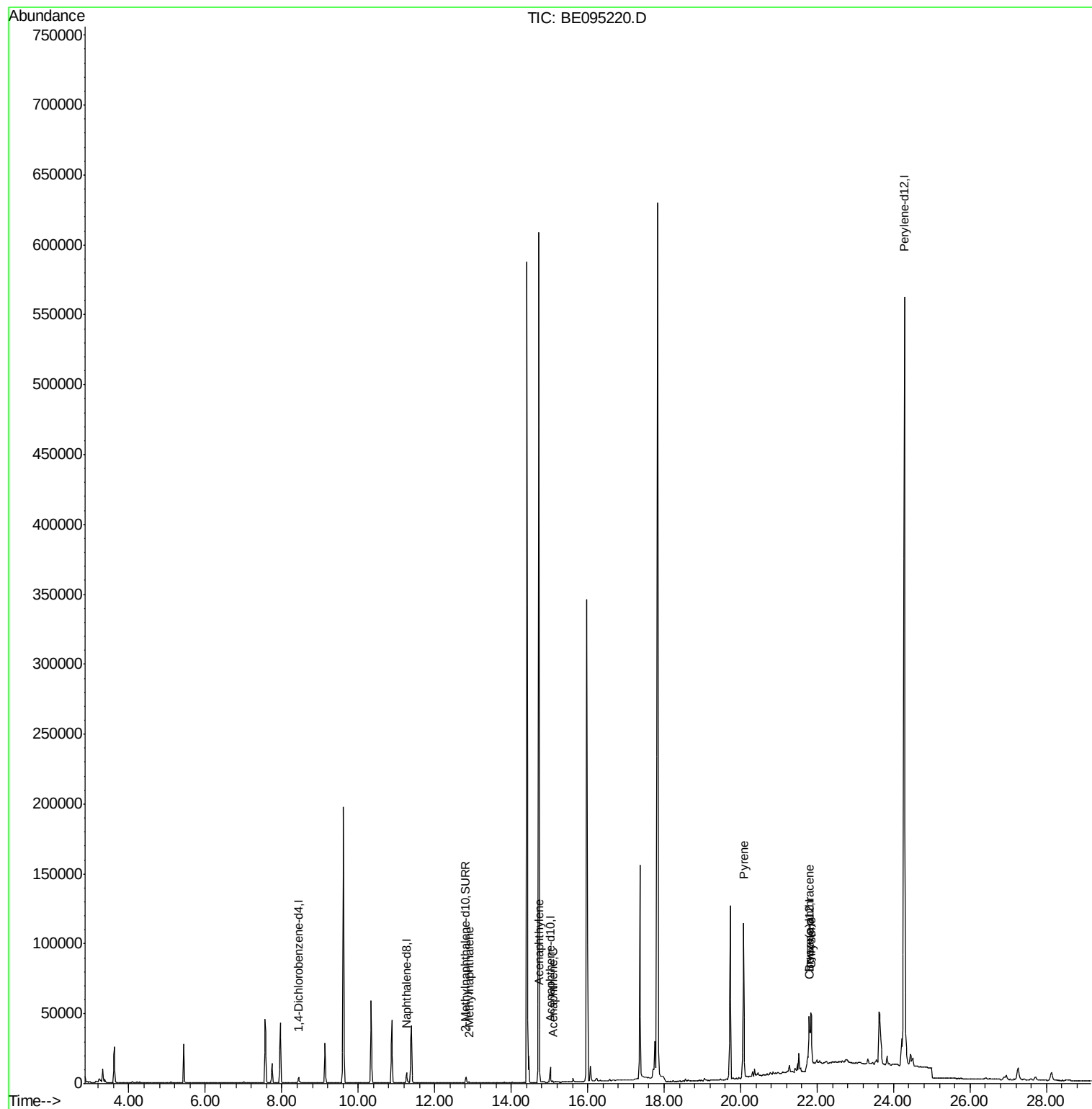
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2987	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	9764	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6407	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.71
16) Chrysene-d12	21.80	240	12727	0.40	ng/ul	0.00
20) Perylene-d12	24.28	264	749813	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	5425	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	13782	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.89	142	531	0.029	ng/ul	98
7) Acenaphthylene	14.75	152	3275	0.106	ng/ul#	92
8) Acenaphthene	15.08	153	547	0.023	ng/ul#	86
17) Pyrene	20.08	202	120844	2.830	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	36627	0.920	ng/ul#	90
19) Chrysene	21.84	228	49539	1.199	ng/ul#	91

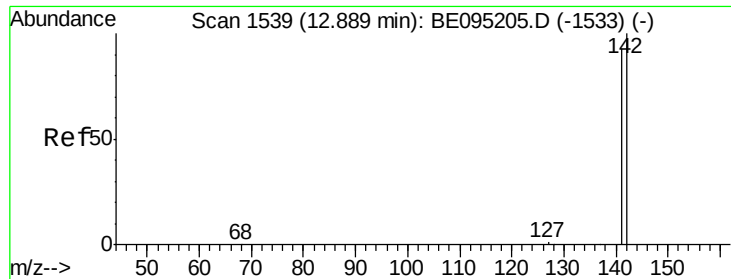
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE095220.D

Acq: 28 Jan 2018 23:07

Instrument :

BNA_E

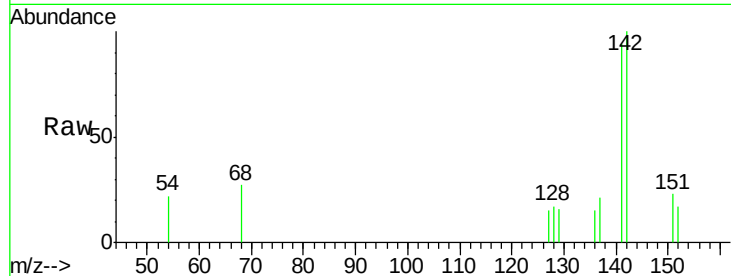
ClientSampleId :

Tot Ion:142 Resp: 531

Ion Ratio Lower Upper

142 100

141 88.7 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

400

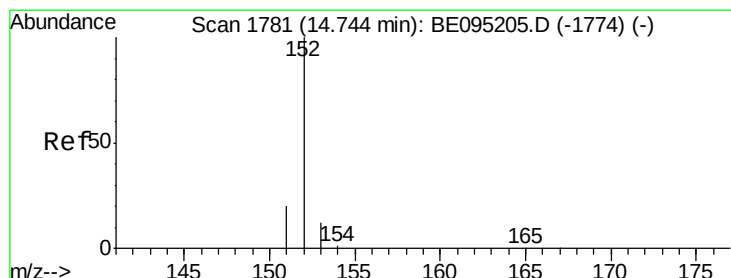
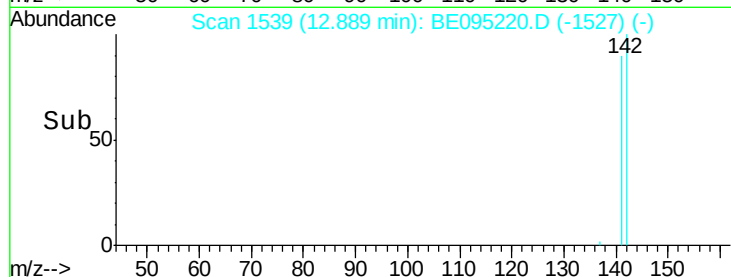
300

200

100

0

Time--> 12.80 12.85 12.90 12.95



#7

Acenaphthylene

Concen: 0.106 ng/ul

RT: 14.75 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095220.D

Acq: 28 Jan 2018 23:07

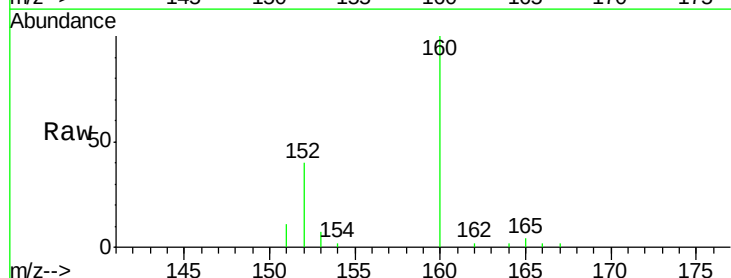
Tgt Ion:152 Resp: 3275

Ion Ratio Lower Upper

152 100

151 26.8 17.1 25.7#

153 17.5 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

2500

2000

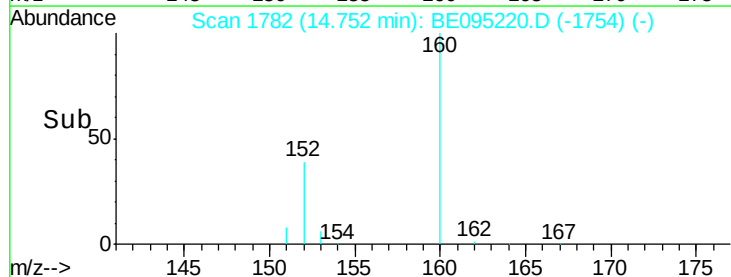
1500

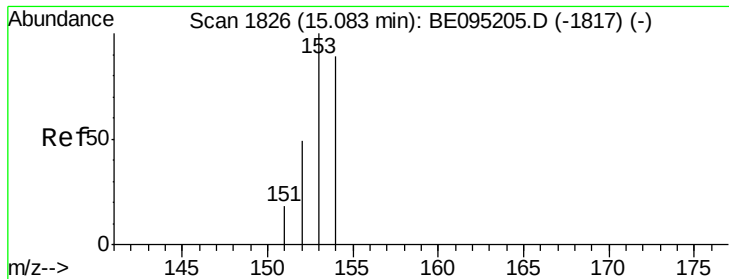
1000

500

0

Time--> 14.70 14.80





#8

Acenaphthene

Concen: 0.023 ng/ul

RT: 15.08 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BE095220.D

Acq: 28 Jan 2018 23:07

Instrument :

BNA_E

ClientSampleId :

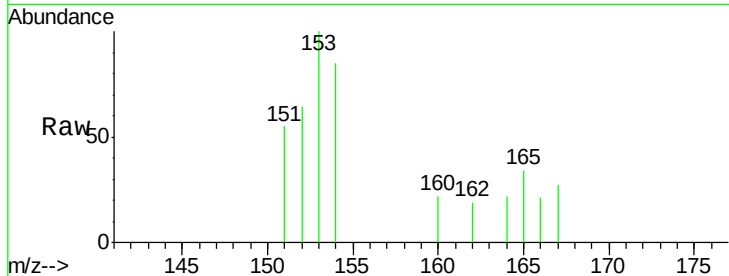
Tot Ion:153 Resp: 547

Ion Ratio Lower Upper

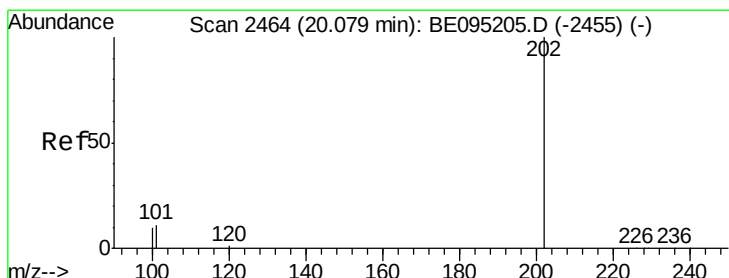
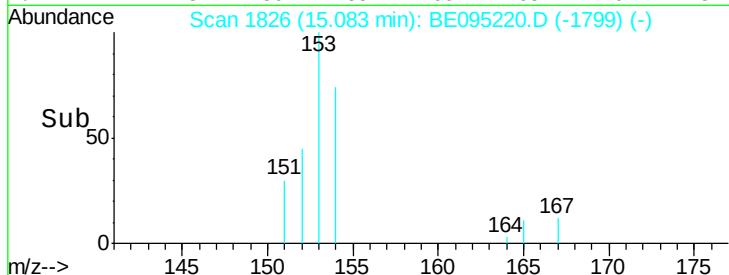
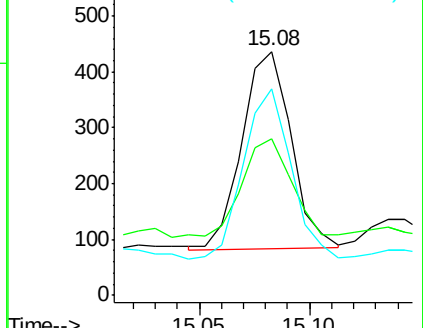
153 100

152 64.4 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



#17

Pyrene

Concen: 2.830 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095220.D

Acq: 28 Jan 2018 23:07

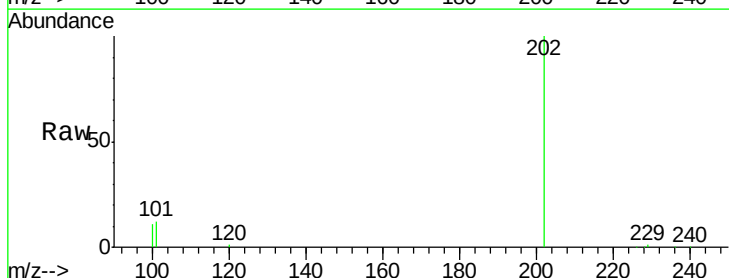
Tgt Ion:202 Resp: 120844

Ion Ratio Lower Upper

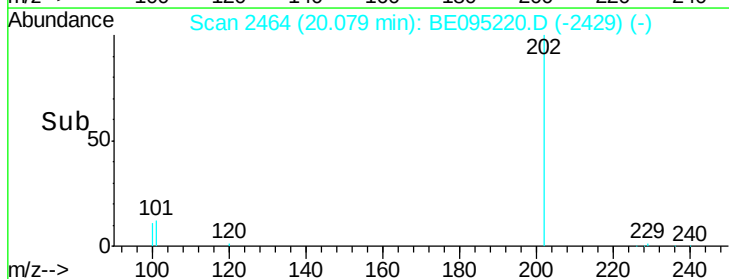
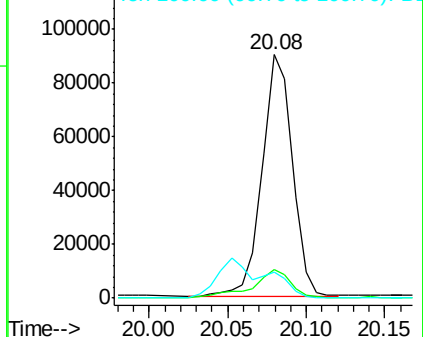
202 100

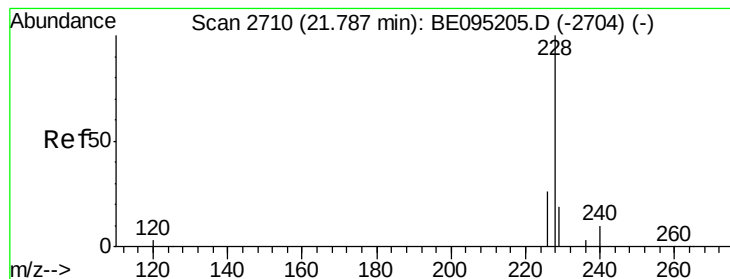
101 12.0 18.2 27.4#

100 10.9 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





#18

Benzo(a)anthracene

Concen: 0.920 ng/ul

RT: 21.79 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095220.D

Acq: 28 Jan 2018 23:07

Instrument :

BNA_E

ClientSampleId :

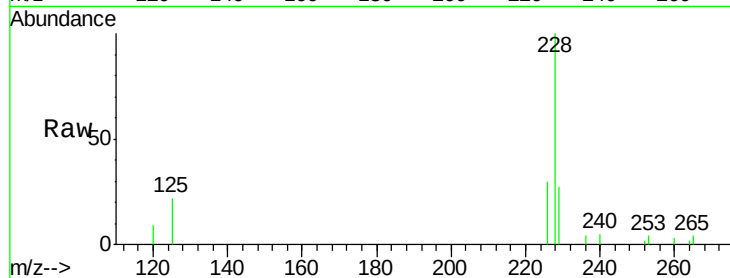
Tot Ion:228 Resp: 36627

Ion Ratio Lower Upper

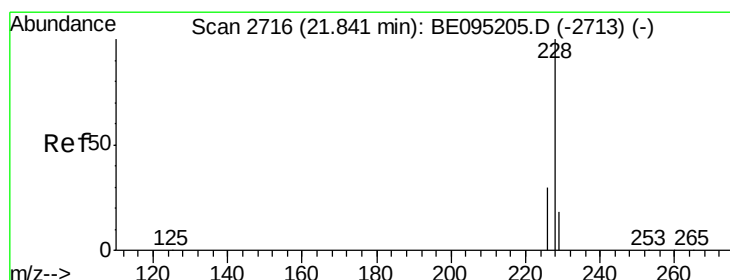
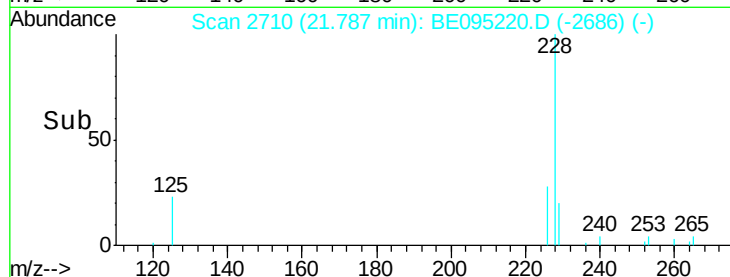
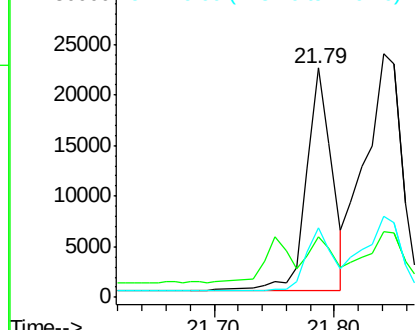
228 100

229 26.6 22.8 34.2

226 30.1 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: 1.199 ng/ul

RT: 21.84 min Scan# 2716

Delta R.T. 0.00 min

Lab File: BE095220.D

Acq: 28 Jan 2018 23:07

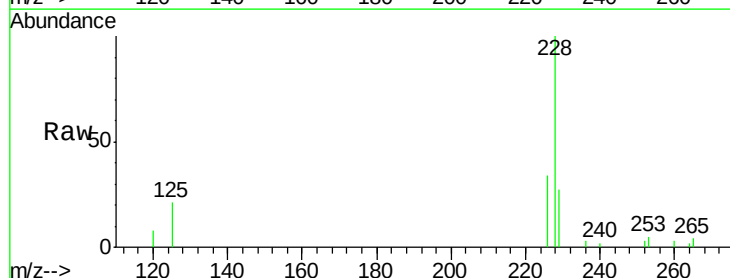
Tgt Ion:228 Resp: 49539

Ion Ratio Lower Upper

228 100

226 33.5 23.4 35.0

229 26.7 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

