

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031816\
 Data File : BG021443.D
 Acq On : 18 Mar 2016 10:13
 Operator : UM/SJ
 Sample : H1785-05DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB6DL

Quant Time: Mar 18 23:14:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 19 00:12:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	7672	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	34681	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	23648	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	60876	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	70929	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	68457	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.36	99	129	0.18	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.41	67	1238	2.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	700	1.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	481	0.77	ng/ul	0.02
19) Nitrobenzene-d5	9.26	128	688	2.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	619	2.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	1248	2.35	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	6654	3.38	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	7792	3.21	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	6034	3.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	691	1.72	ng/ul	0.00
71) Anthracene-d10	17.53	188	11426	3.83	ng/ul	0.00
79) Pyrene-d10	19.81	212	13265	4.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	13392	4.24	ng/ul	0.00

Target Compounds

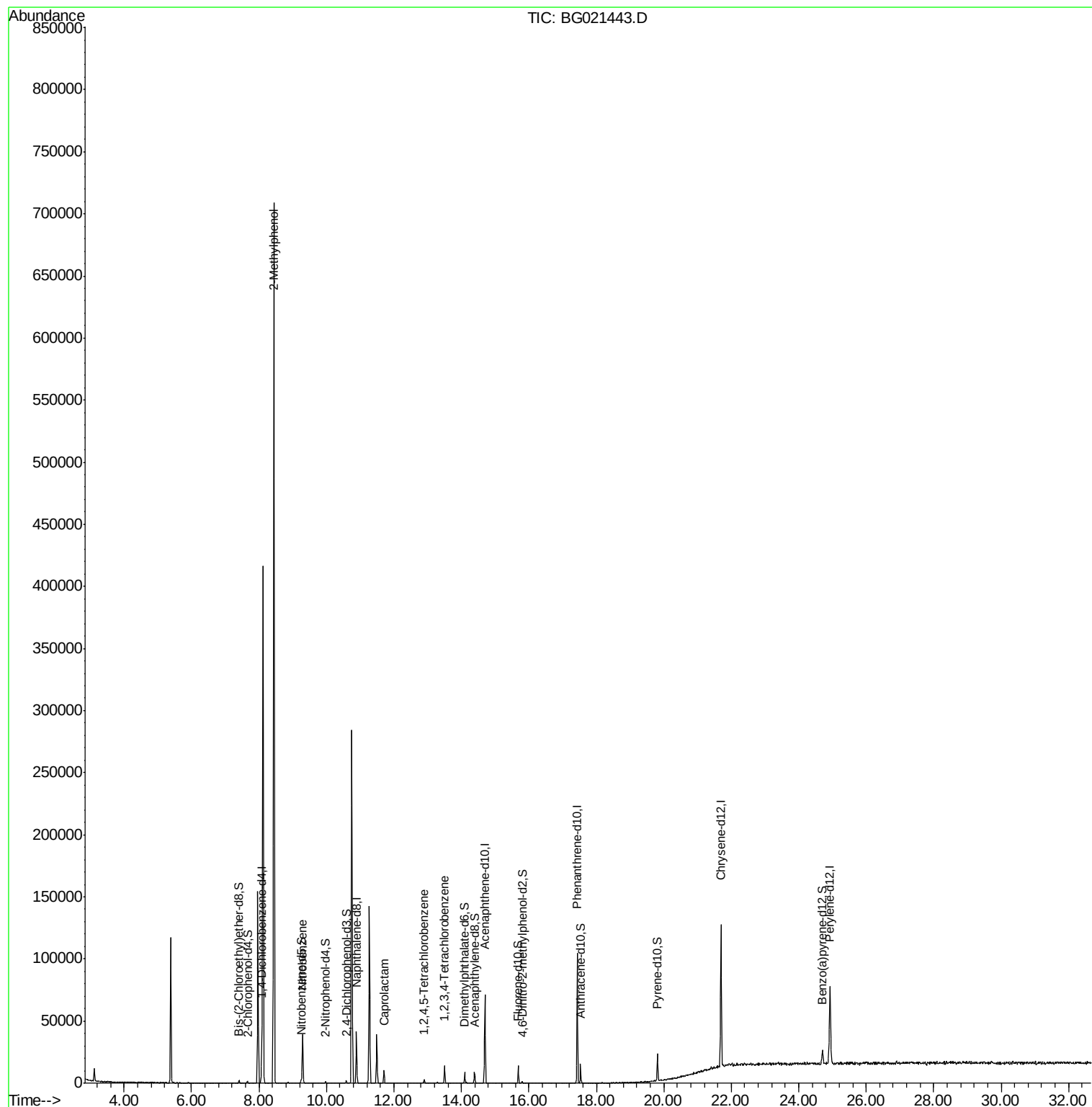
						Qvalue
11) 2-Methylphenol	8.44	108	3000	5.08	ng/ul#	79
20) Nitrobenzene	9.29	77	24343	33.12	ng/ul	93
32) Caprolactam	11.71	113	729	3.52	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	1593	1.92	ng/ul#	74
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	4927	5.78	ng/uL	88

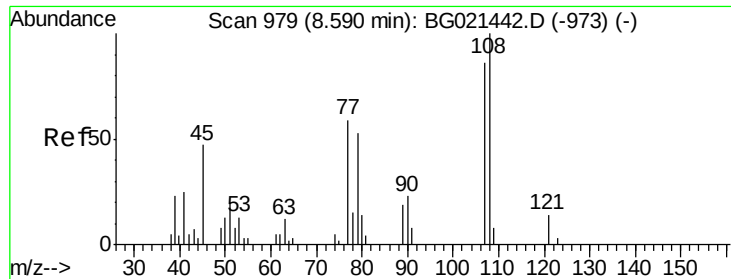
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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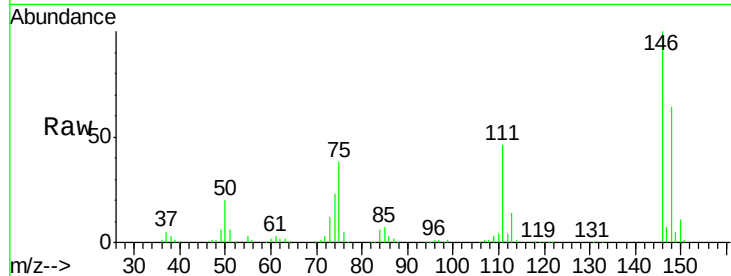




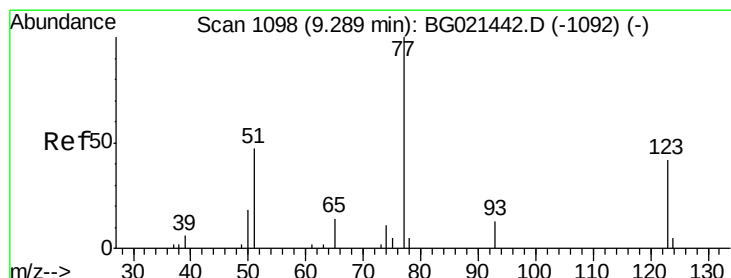
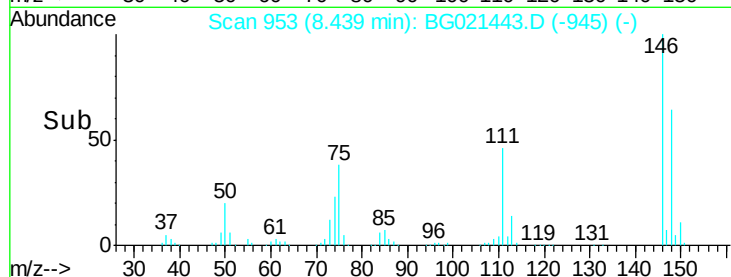
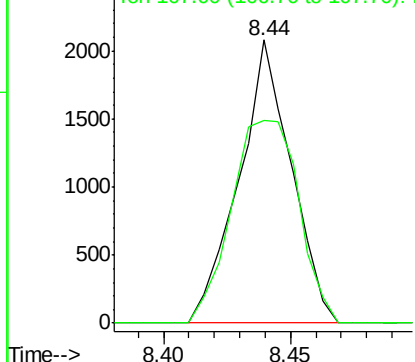
#11
2-Methylphenol
Concen: 5.08 ng/ul
RT: 8.44 min Scan# 953
Delta R.T. -0.15 min
Lab File: BG021443.D
Acq: 18 Mar 2016 10:13

Instrument :
BNA_G
ClientSampleId :
C0AB6DL

Tgt Ion:108 Resp: 3000
Ion Ratio Lower Upper
108 100
107 71.7 73.4 110.0#

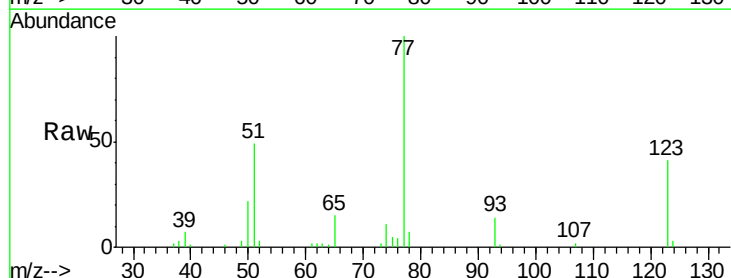


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

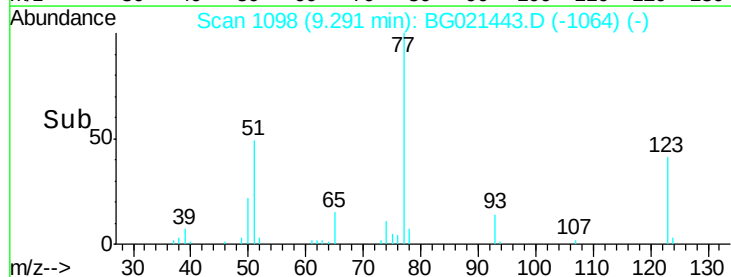
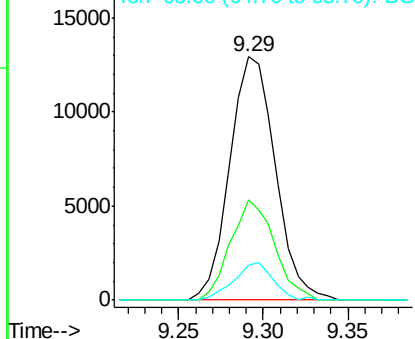


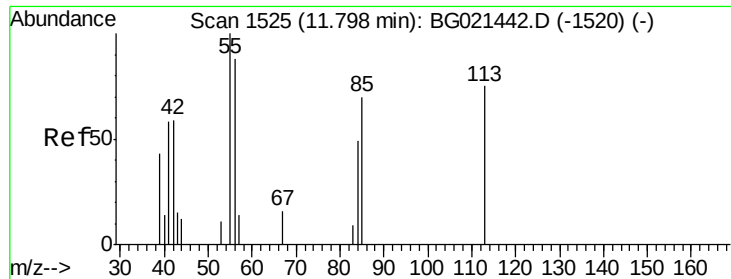
#20
Nitrobenzene
Concen: 33.12 ng/ul
RT: 9.29 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BG021443.D
Acq: 18 Mar 2016 10:13

Tgt Ion: 77 Resp: 24343
Ion Ratio Lower Upper
77 100
123 41.1 28.4 42.6
65 14.5 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC





#32

Caprolactam

Concen: 3.52 ng/ul

RT: 11.71 min Scan# 1509

Delta R.T. -0.09 min

Lab File: BG021443.D

Acq: 18 Mar 2016 10:13

Instrument :

BNA_G

ClientSampleId :

C0AB6DL

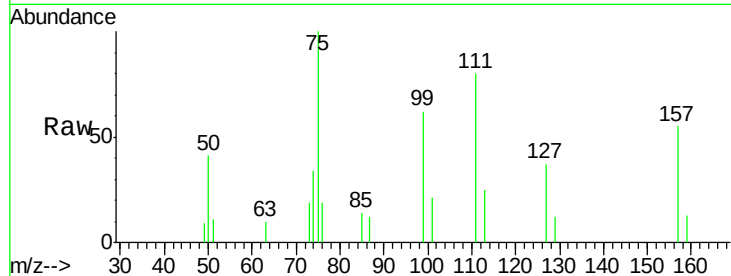
Tgt Ion:113 Resp: 729

Ion Ratio Lower Upper

113 100

55 0.0 155.5 233.3#

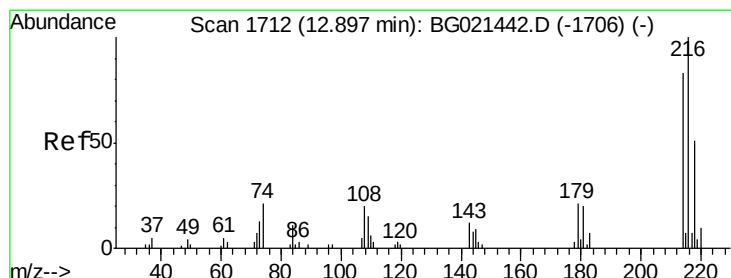
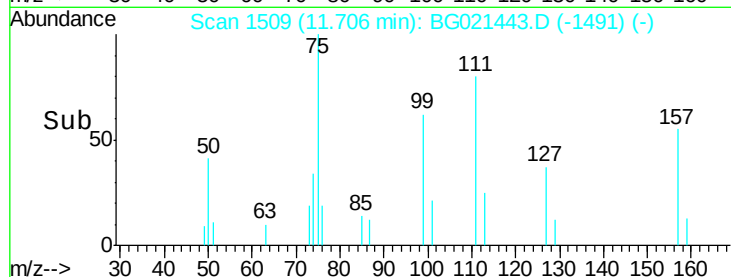
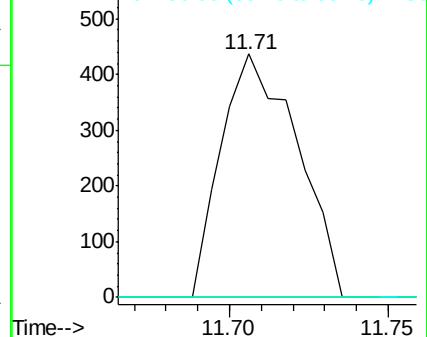
56 0.0 105.7 158.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#37

1,2,4,5-Tetrachlorobenzene

Concen: 1.92 ng/ul

RT: 12.90 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BG021443.D

Acq: 18 Mar 2016 10:13

Tgt Ion:216 Resp: 1593

Ion Ratio Lower Upper

216 100

214 104.9 57.8 86.8#

179 22.6 19.5 29.3

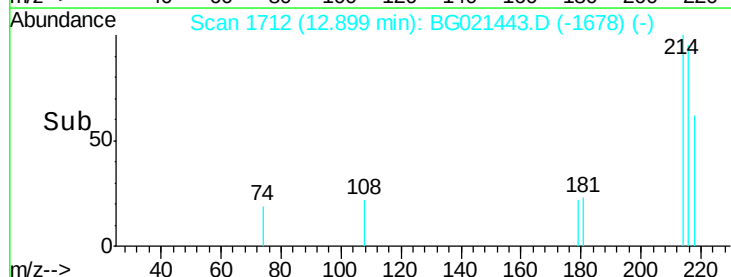
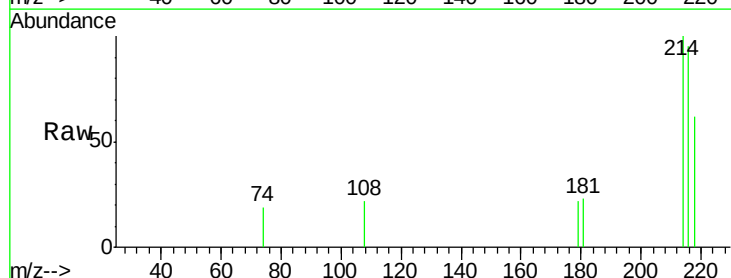
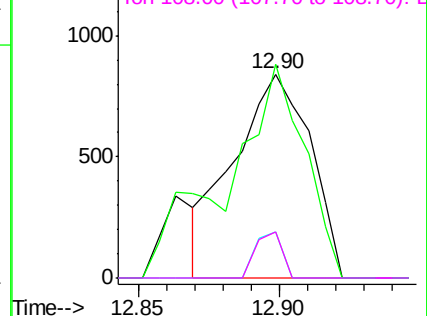
108 22.9 15.8 23.8

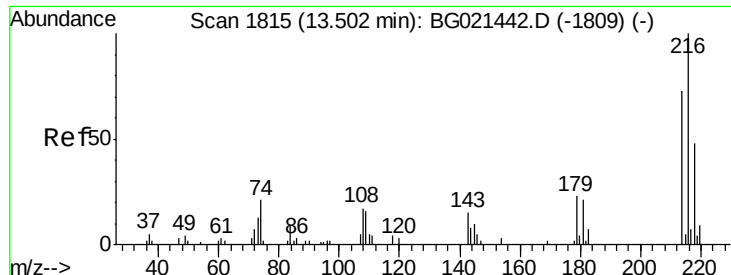
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 5.78 ng/uL

RT: 13.50 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BG021443.D

Acq: 18 Mar 2016 10:13

Instrument :

BNA_G

ClientSampleId :

C0AB6DL

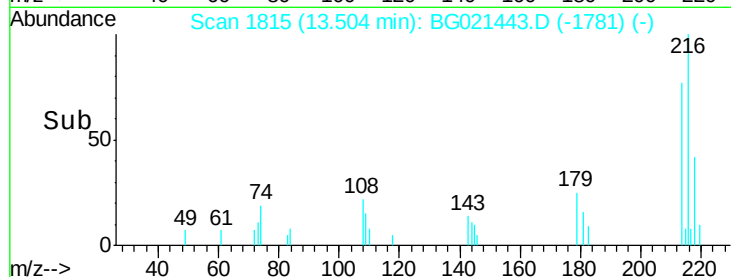
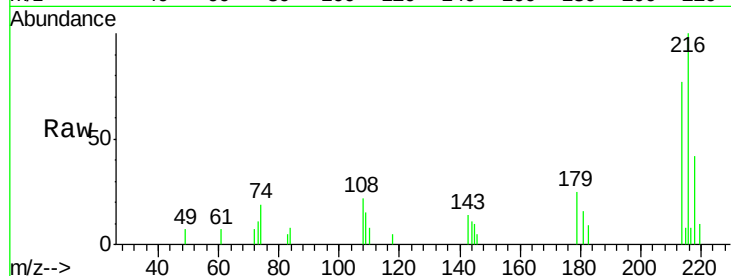
Tgt Ion:216 Resp: 4927

Ion Ratio Lower Upper

216 100

214 77.3 69.2 103.8

218 41.7 41.4 62.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

