

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032817\
 Data File : BM009425.D
 Acq On : 27 Mar 2017 22:46
 Operator : SJ/MA
 Sample : I2358-05DL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ4DL

Quant Time: Mar 28 02:25:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 28 02:24:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	130595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	503218	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	259388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	620739	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	826475	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	793288	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	552	0.16	ng/uL	0.00
5) Phenol-d5	7.01	99	3158	0.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	13769	1.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	8157	1.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	6166	0.70	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	6078	1.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	5507	1.37	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.27	165	10515	1.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	384	0.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	36890	2.02	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	40436	1.77	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.49	176	36844	2.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	2605	0.66	ng/ul	0.00
70) Anthracene-d10	17.34	188	49593	1.68	ng/ul	0.00
78) Pyrene-d10	19.63	212	64562	1.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	67619	1.85	ng/ul	0.00

Target Compounds

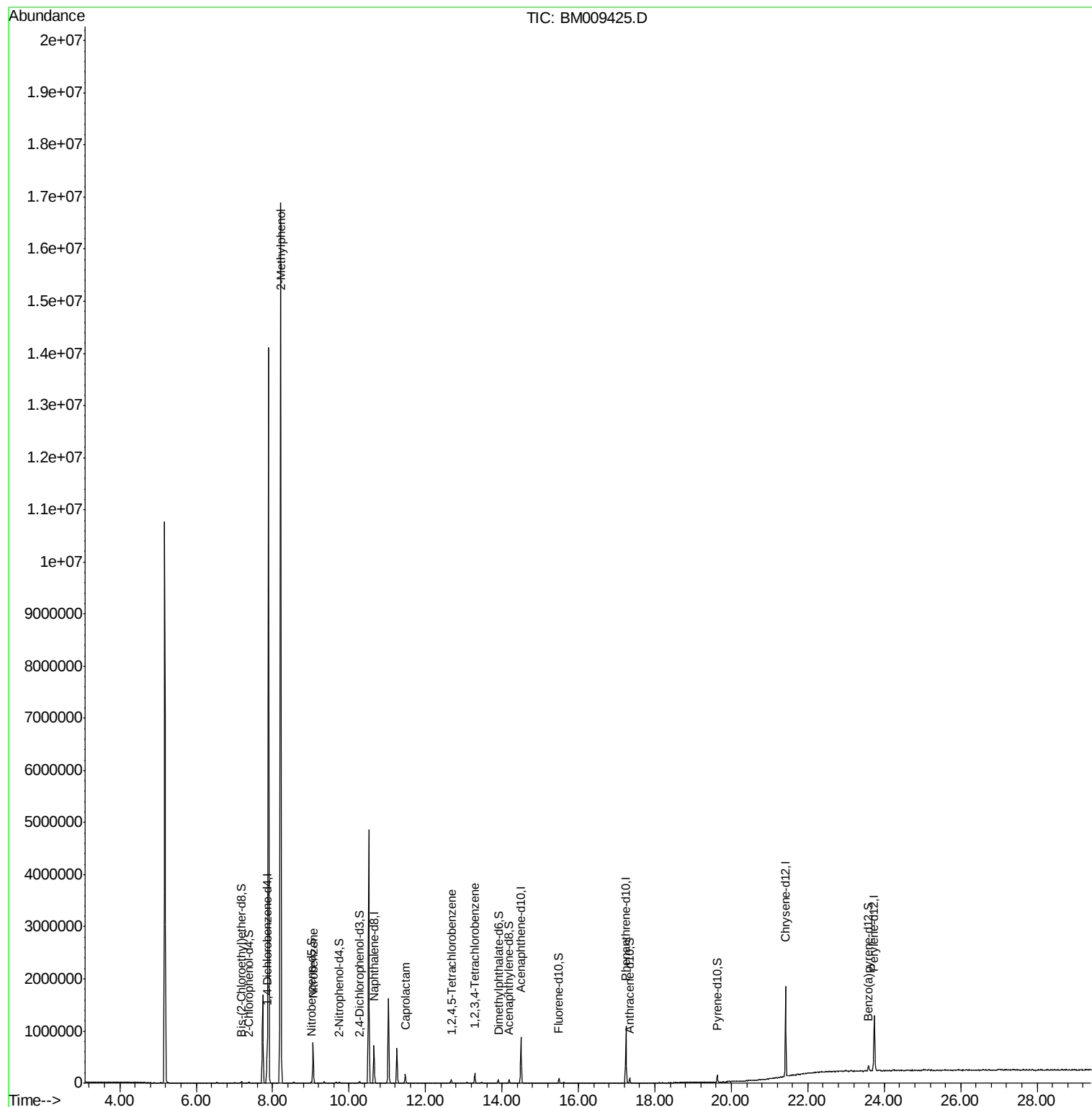
						Ovalue
11) 2-Methylphenol	8.21	108	53941	6.17	ng/ul#	72
20) Nitrobenzene	9.06	77	421561	33.80	ng/ul#	81
32) Caprolactam	11.47	113	12155	4.98	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	24083	2.76	ng/ul#	82
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	54820	6.01	ng/uL	92

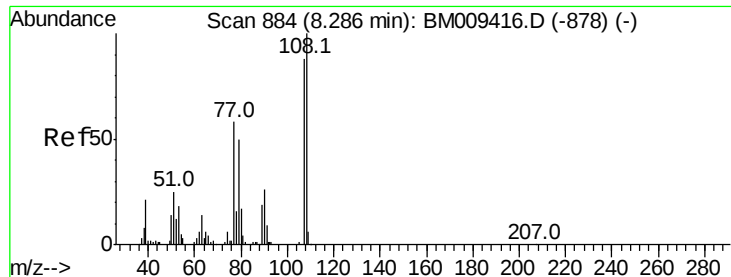
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 6.17 ng/ul

RT: 8.21 min Scan# 871

Delta R.T. -0.08 min

Lab File: BM009425.D

Acq: 27 Mar 2017 22:46

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BNA_M

ClientSampleId :

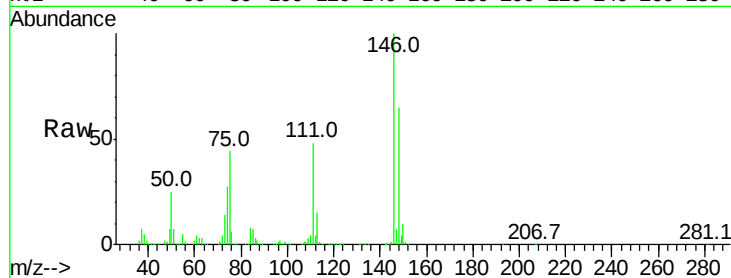
C0BJ4DL

Tot Ion:108 Resp: 53941

Ion Ratio Lower Upper

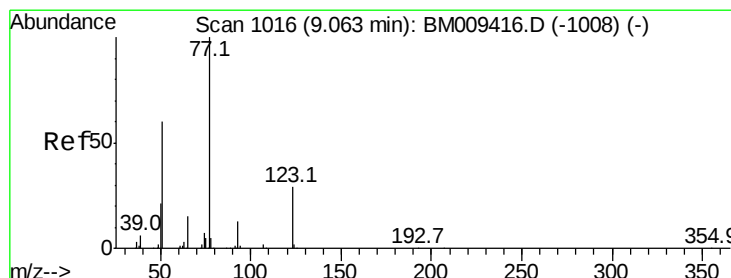
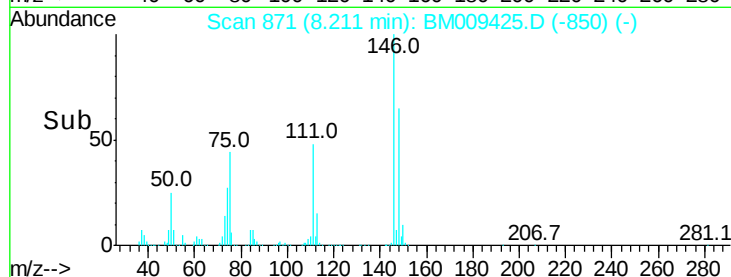
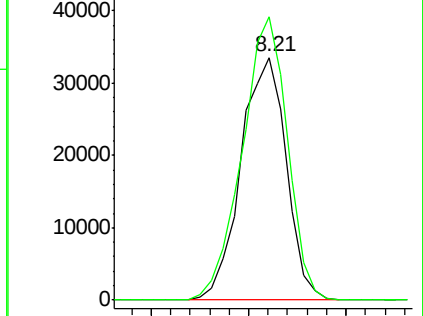
108 100

107 116.7 72.4 108.6#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 33.80 ng/ul

RT: 9.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BM009425.D

Acq: 27 Mar 2017 22:46

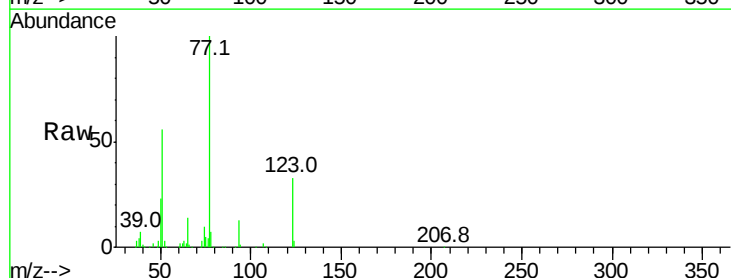
Tgt Ion: 77 Resp: 421561

Ion Ratio Lower Upper

77 100

123 32.8 39.0 58.4#

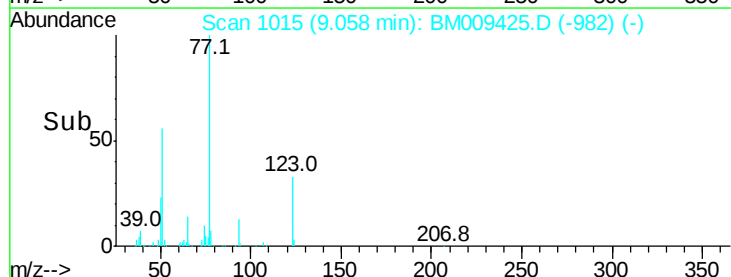
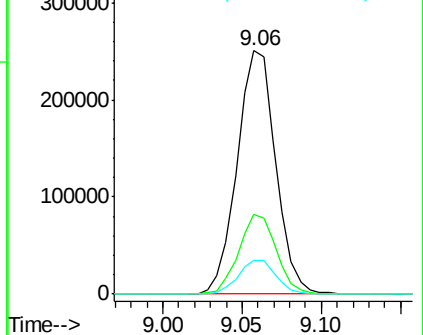
65 13.6 10.4 15.6

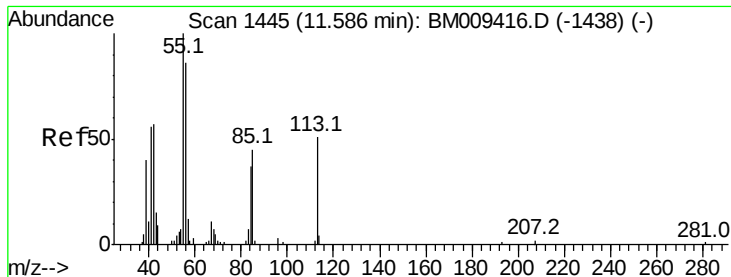


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#32

Caprolactam

Concen: 4.98 ng/ul

RT: 11.47 min Scan# 1425

Delta R.T. -0.12 min

Lab File: BM009425.D

Acq: 27 Mar 2017 22:46

Instrument :

BNA_M

ClientSampleId :

C0BJ4DL

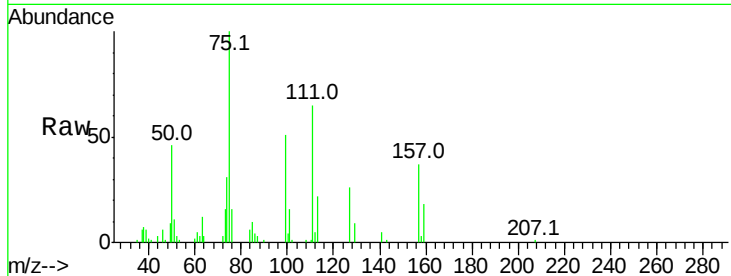
Tot Ion:113 Resp: 12155

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

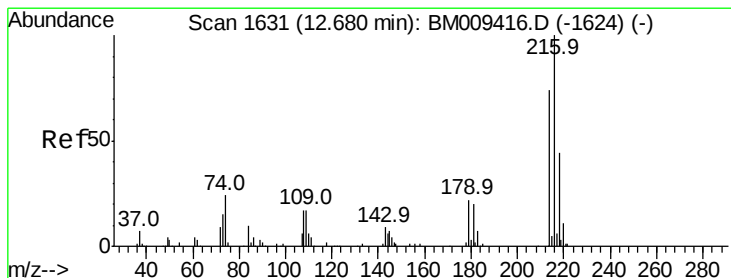
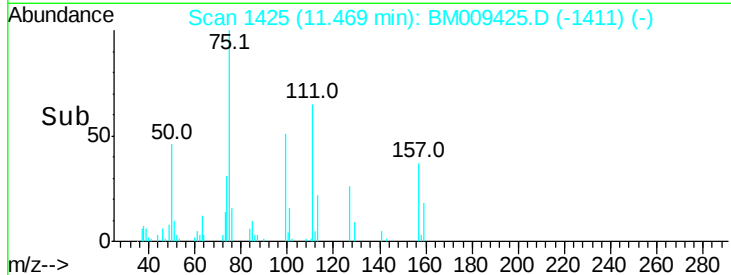
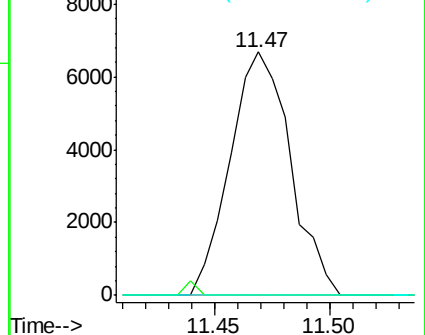
56 0.0 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.76 ng/ul

RT: 12.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM009425.D

Acq: 27 Mar 2017 22:46

Tgt Ion:216 Resp: 24083

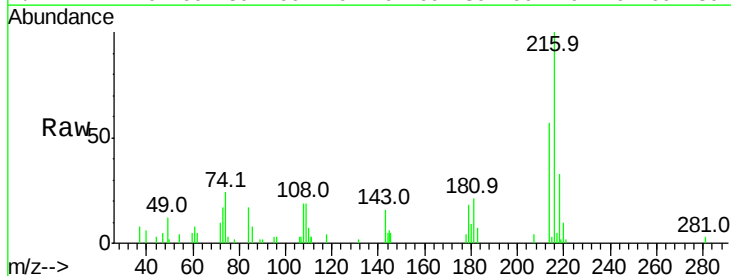
Ion Ratio Lower Upper

216 100

214 57.3 62.5 93.7#

179 18.2 18.2 27.2

108 18.8 14.2 21.2

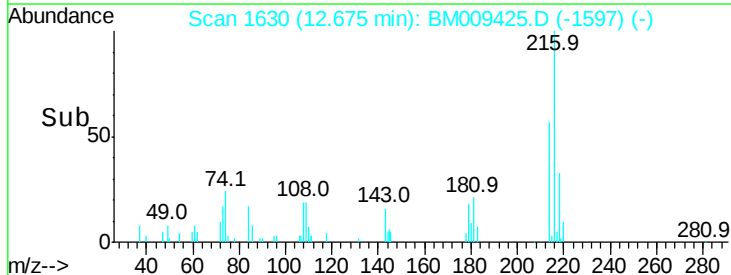
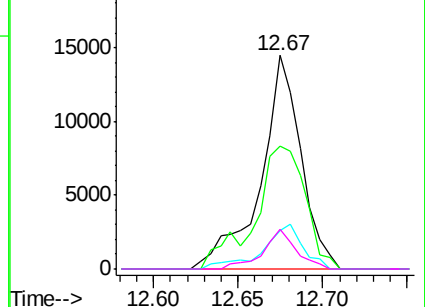


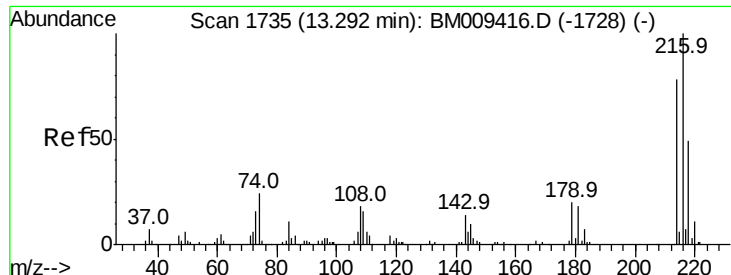
Abundance Ion 216.00 (215.70 to 216.70): E

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





#72

1,2,3,4-Tetrachlorobenzene

Concen: 6.01 ng/uL

RT: 13.29 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM009425.D

Acq: 27 Mar 2017 22:46

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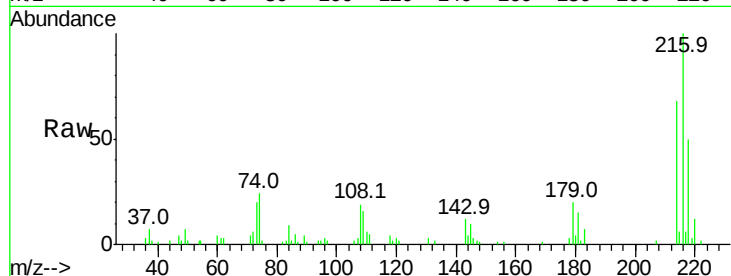
Tot Ion: 216 Resp: 54820

Ion Ratio Lower Upper

216 100

214 67.8 62.5 93.7

218 49.5 38.4 57.6



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

