

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032017\
 Data File : BM009294.D
 Acq On : 20 Mar 2017 14:33
 Operator : SJ/MA
 Sample : I2303-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK0

Quant Time: Mar 20 15:24:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 13:19:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	113854	20.00	ng/ul	0.01
18) Naphthalene-d8	10.68	136	473327	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	307998	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	1447055	20.00	ng/ul	0.10
77) Chrysene-d12	21.43	240	1266475	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1326212	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.34	96	13646	5.28	ng/uL	0.00
5) Phenol-d5	7.03	99	63242	5.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	223320	27.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	168593	22.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	123347	12.55	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	116241	34.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	127202	33.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	223004	27.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	13376	1.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	886374	37.89	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1054841	39.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	30805	6.63	ng/ul	0.00
57) Fluorene-d10	15.51	176	812092	38.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	153816	17.77	ng/ul	0.00
70) Anthracene-d10	17.36	188	1447055	21.13	ng/ul	0.00
78) Pyrene-d10	19.65	212	1851961	36.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	2291670	37.77	ng/ul	0.00

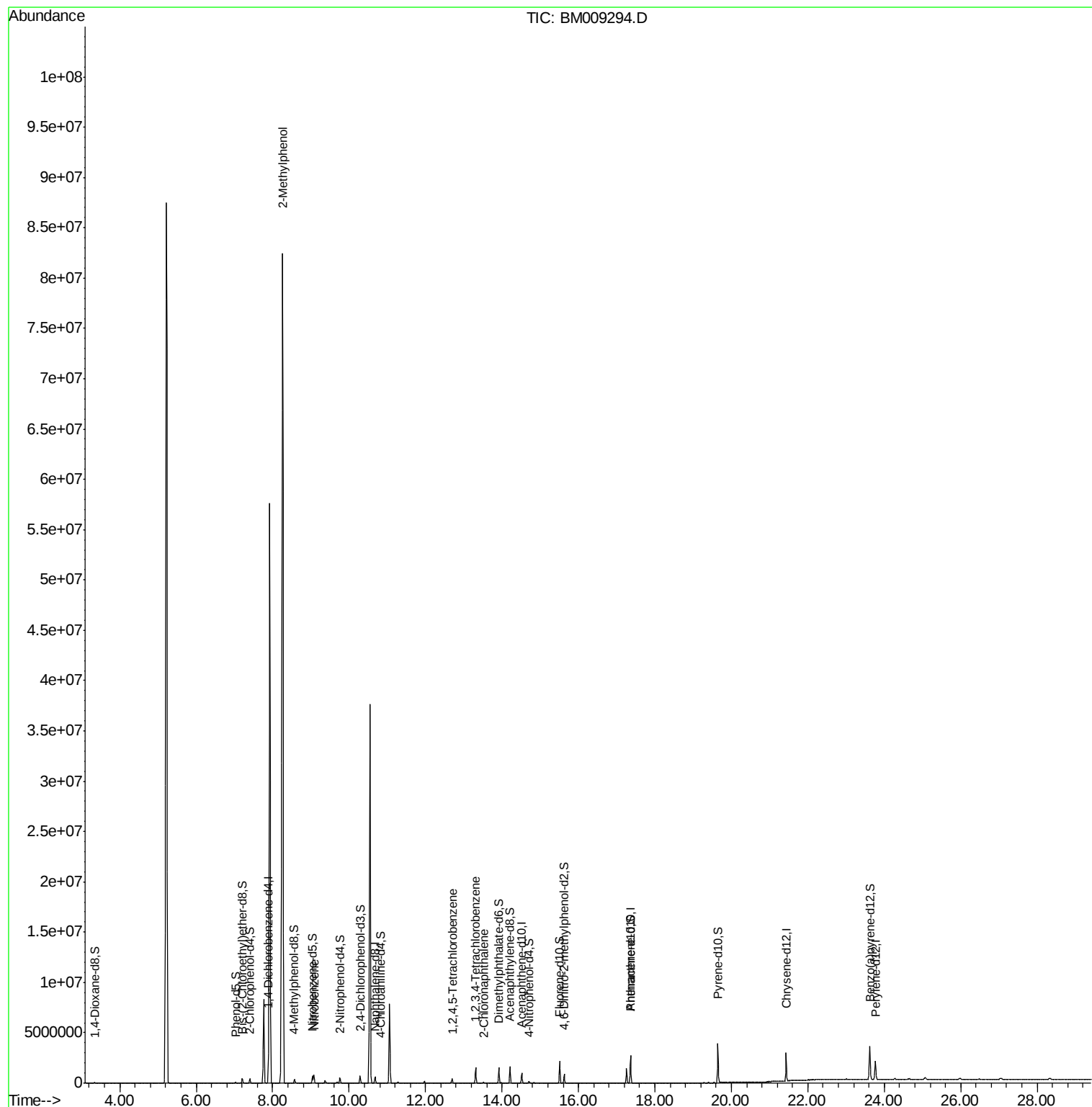
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) 2-Methylphenol	8.27	108	437059	45.87	ng/ul	82
20) Nitrobenzene	9.08	77	459506	40.77	ng/ul#	79
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	133388	14.40	ng/ul	98
41) 2-Chloronaphthalene	13.52	162	23329	1.40	ng/ul#	42
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	423850	24.93	ng/uL	97

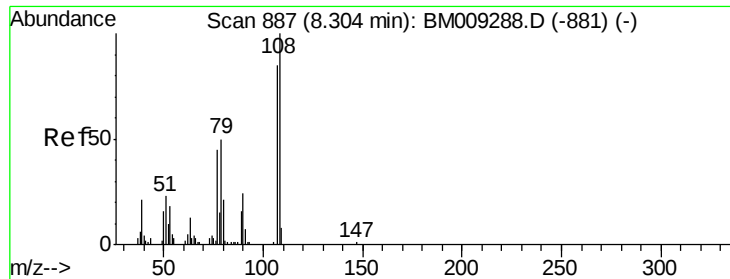
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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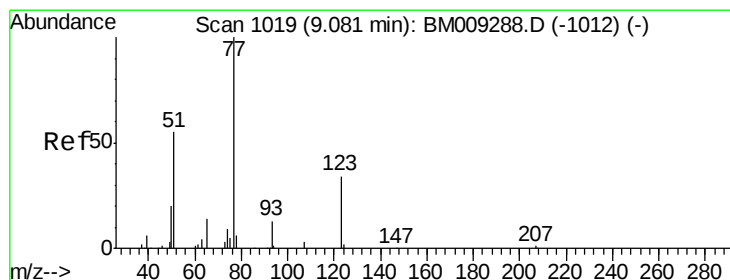
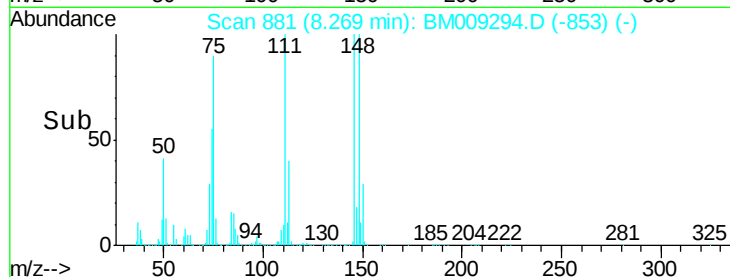
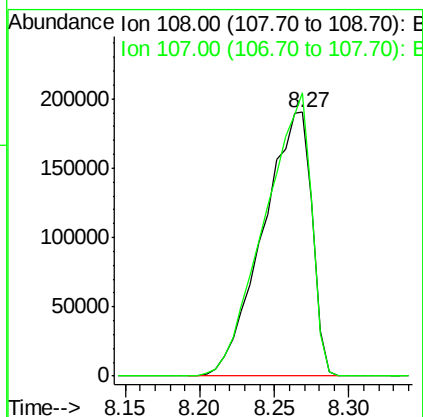
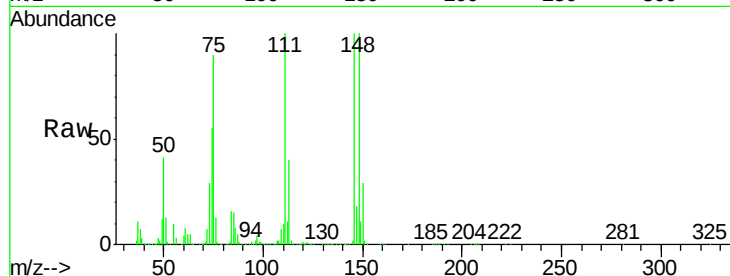




#11
 2-Methylphenol
 Concen: 45.87 ng/ul
 RT: 8.27 min Scan# 881
 Delta R.T. -0.04 min
 Lab File: BM009294.D
 Acq: 20 Mar 2017 14:33

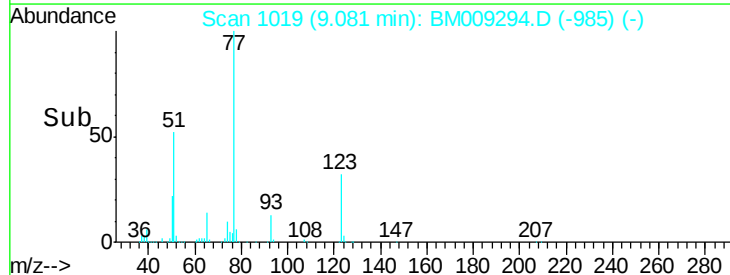
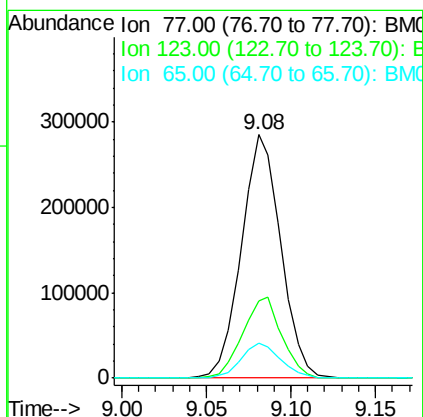
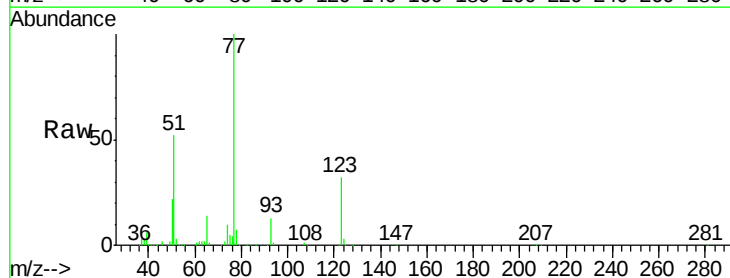
Instrument :
 BNA_M
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 C0BK0

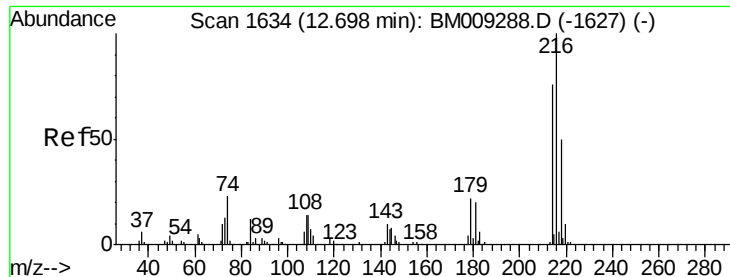
Tgt Ion: 108 Resp: 437059
 Ion Ratio Lower Upper
 108 100
 107 107.3 72.4 108.6



#20
 Nitrobenzene
 Concen: 40.77 ng/ul
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BM009294.D
 Acq: 20 Mar 2017 14:33

Tgt Ion: 77 Resp: 459506
 Ion Ratio Lower Upper
 77 100
 123 31.6 39.0 58.4#
 65 14.5 10.4 15.6

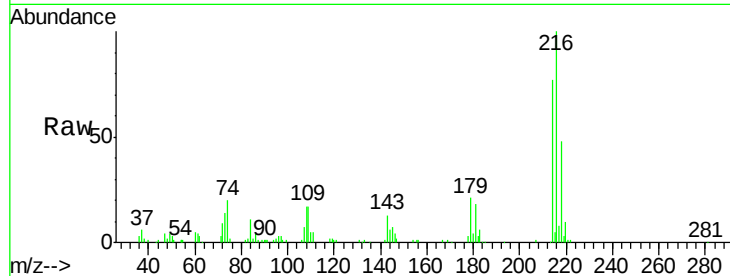




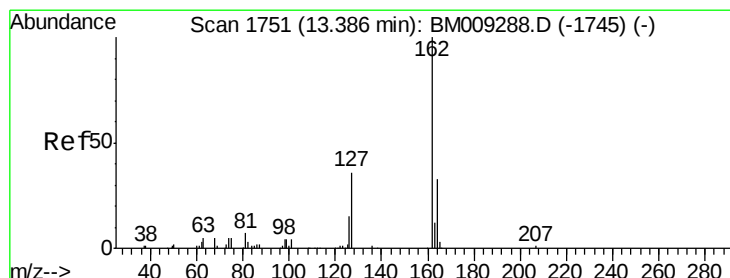
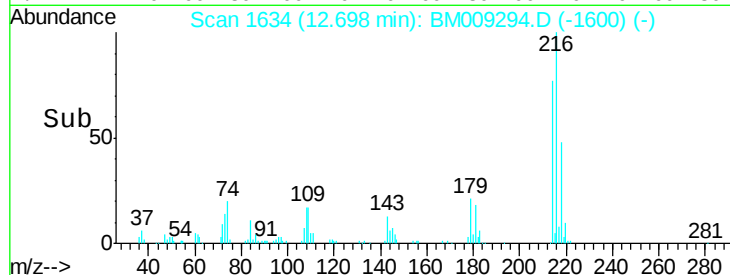
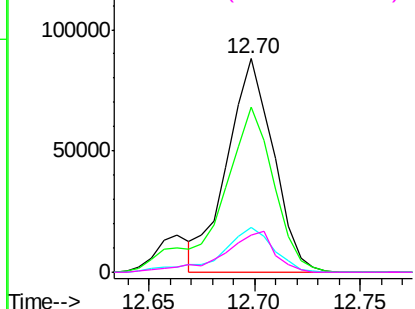
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 14.40 ng/ul
 RT: 12.70 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BM009294.D
 Acq: 20 Mar 2017 14:33

Instrument :
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Tgt Ion:	216	Resp:	133388
Ion	Ratio	Lower	Upper
216	100		
214	77.1	62.5	93.7
179	20.9	18.2	27.2
108	17.4	14.2	21.2

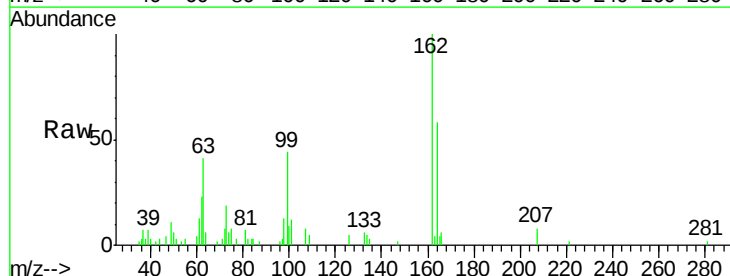


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

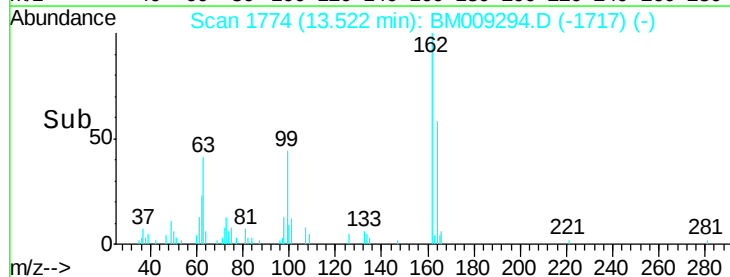
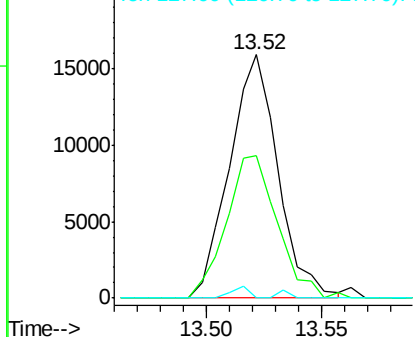


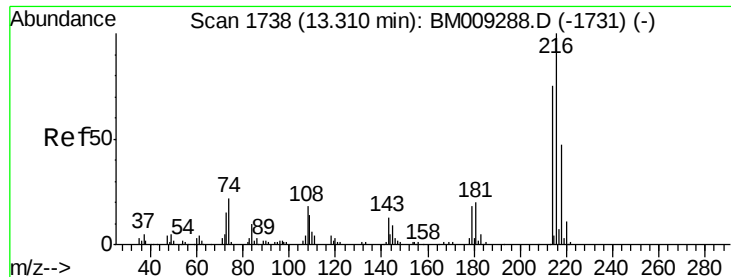
#41
 2-Chloronaphthalene
 Concen: 1.40 ng/ul
 RT: 13.52 min Scan# 1774
 Delta R.T. 0.14 min
 Lab File: BM009294.D
 Acq: 20 Mar 2017 14:33

Tgt Ion:	162	Resp:	23329
Ion	Ratio	Lower	Upper
162	100		
164	58.3	25.9	38.9#
127	0.0	34.1	51.1#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 24.93 ng/uL

RT: 13.31 min Scan# 1738

Delta R.T. 0.00 min

Lab File: BM009294.D

Acq: 20 Mar 2017 14:33

Instrument :

BNA_M

ClientSampleId :

C0BK0

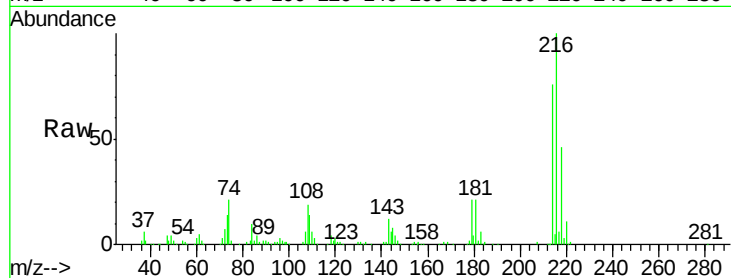
Tgt Ion:216 Resp: 423850

Ion Ratio Lower Upper

216 100

214 75.8 62.5 93.7

218 46.4 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

