

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004676.D
 Acq On : 17 Mar 2016 21:00
 Operator : UM/SJ
 Sample : H1783-17DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH2DL

Quant Time: Mar 18 06:51:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 05:06:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	58222	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	290030	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.47	164	150040	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	333750	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	368421	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	358716	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	987	0.58	ng/uL	0.00
5) Phenol-d5	7.00	99	17772	3.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	54657	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	59618	15.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	36159	9.38	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	33928	16.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	34673	15.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	62856	14.71	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.88	166	206580	17.61	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	257179	17.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	3969	1.75	ng/ul	0.00
58) Fluorene-d10	15.47	176	184672	18.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	18289	10.43	ng/ul	0.00
71) Anthracene-d10	17.32	188	283151	18.43	ng/ul	0.00
79) Pyrene-d10	19.61	212	323346	19.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	331063	20.66	ng/ul	0.00

Target Compounds

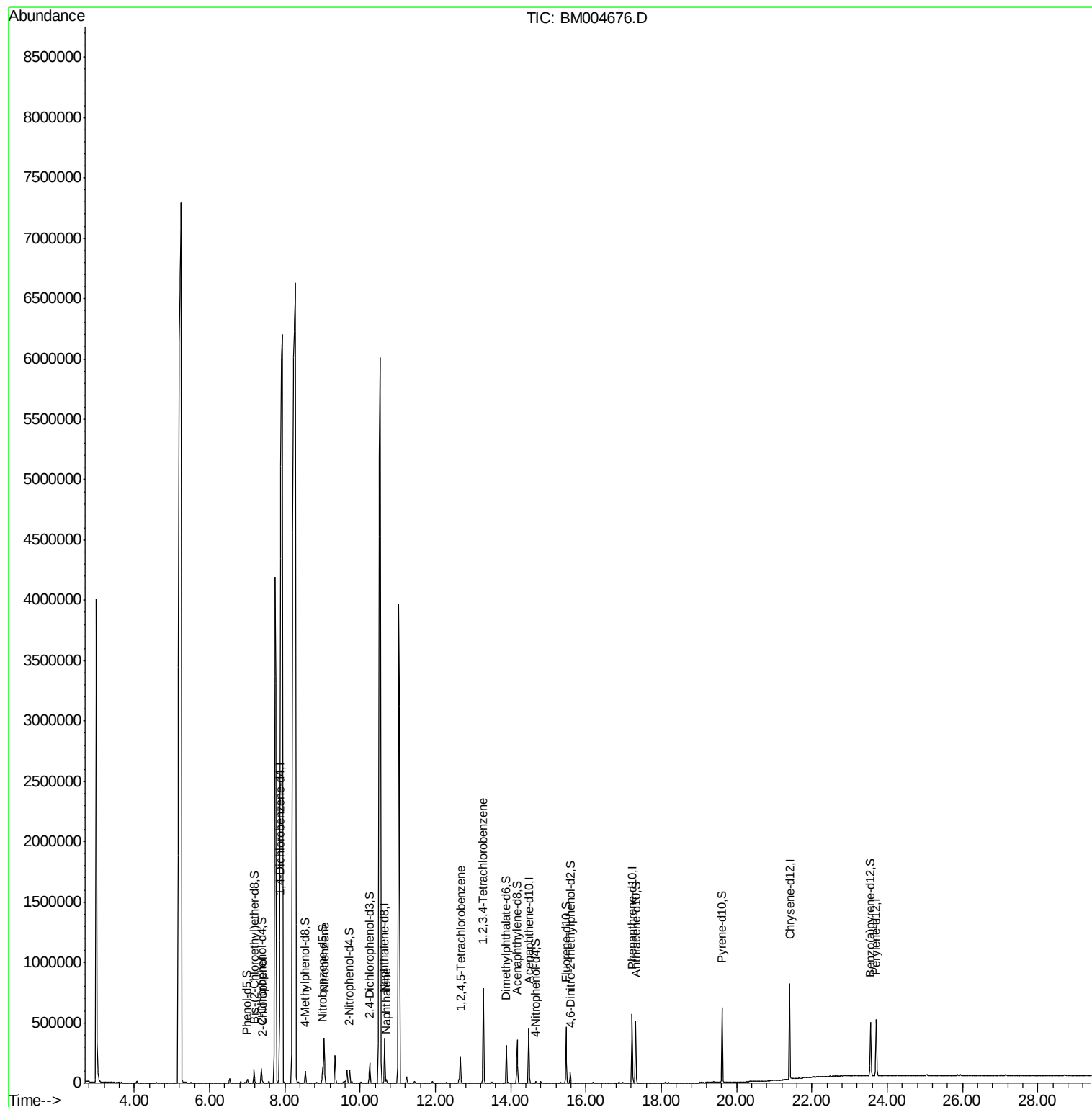
						Qvalue
10) 2-Chlorophenol	7.41	128	7126	1.75	ng/ul	95
20) Nitrobenzene	9.05	77	215723	43.34	ng/ul	97
28) Naphthalene	10.69	128	26035	1.72	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	73422	15.32	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	246393	53.66	ng/uL	100

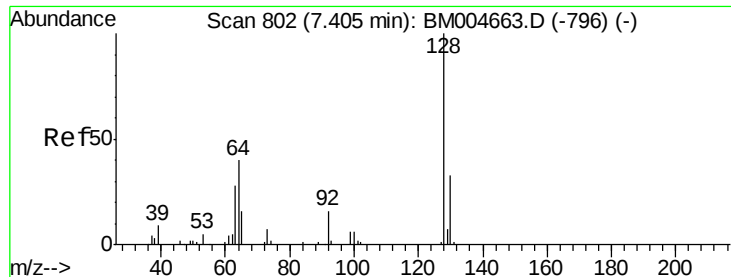
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
Data File : BM004676.D
Acq On : 17 Mar 2016 21:00
Operator : UM/SJ
Sample : H1783-17DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH2DL

Quant Time: Mar 18 06:51:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 05:06:10 2016
Response via : Initial Calibration

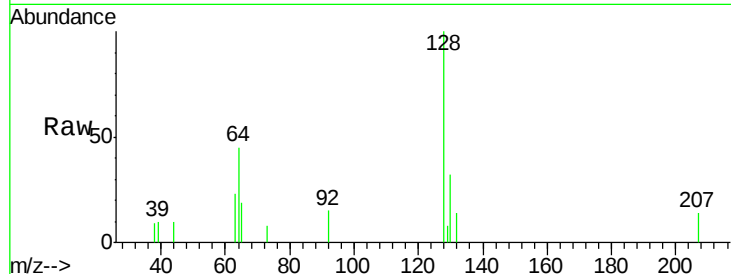




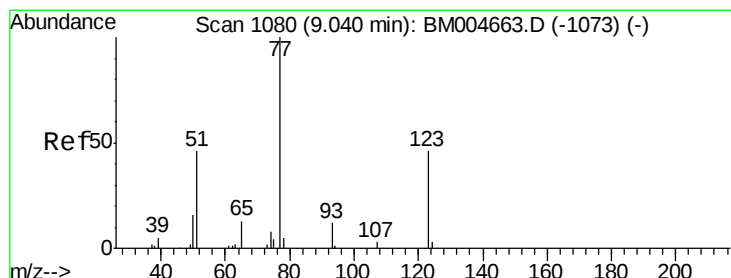
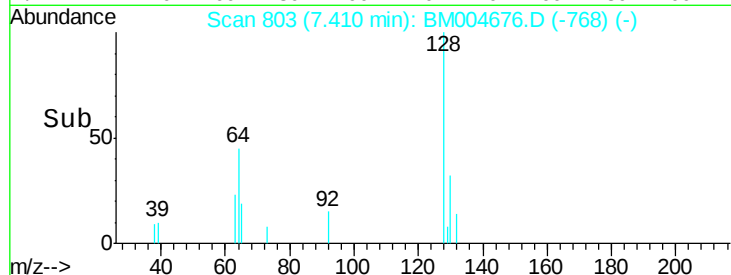
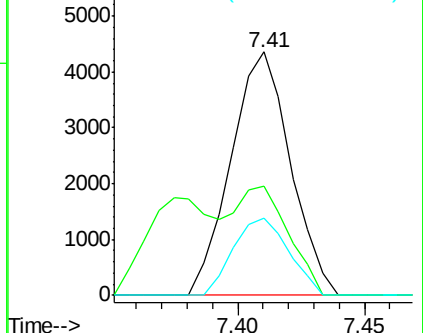
#10
2-Chlorophenol
Concen: 1.75 ng/ul
RT: 7.41 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM004676.D
Acq: 17 Mar 2016 21:00

Instrument :
BNA_M
ClientSampleId :
C0AH2DL

Tgt Ion:128 Resp: 7126
Ion Ratio Lower Upper
128 100
64 44.9 31.9 47.9
130 32.0 25.6 38.4

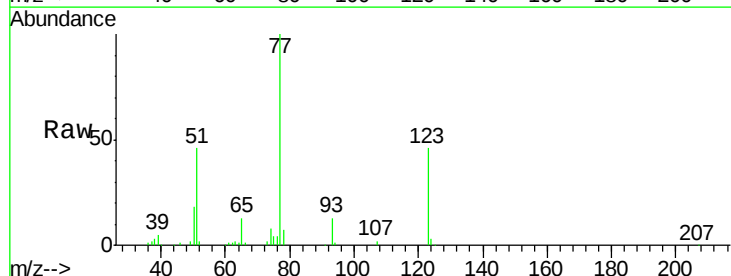


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

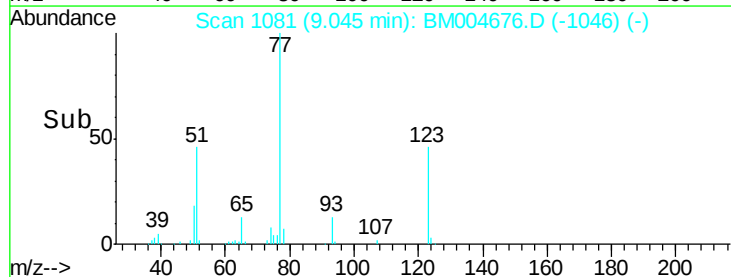
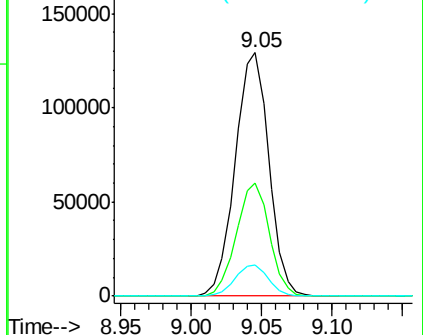


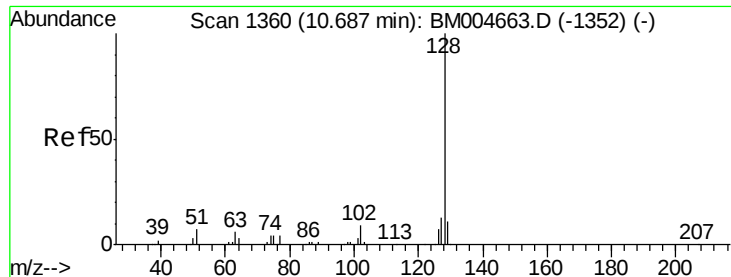
#20
Nitrobenzene
Concen: 43.34 ng/ul
RT: 9.05 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BM004676.D
Acq: 17 Mar 2016 21:00

Tgt Ion: 77 Resp: 215723
Ion Ratio Lower Upper
77 100
123 46.4 39.0 58.4
65 12.8 10.4 15.6



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

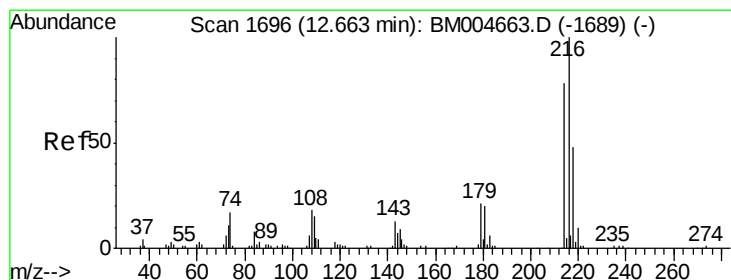
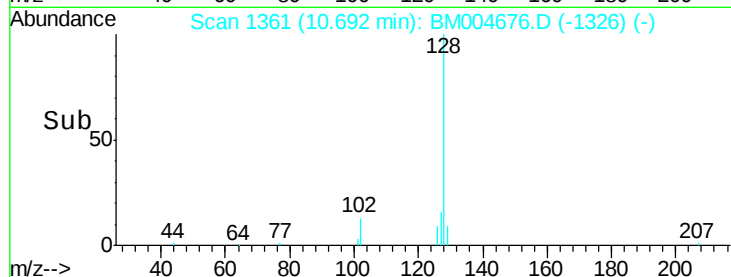
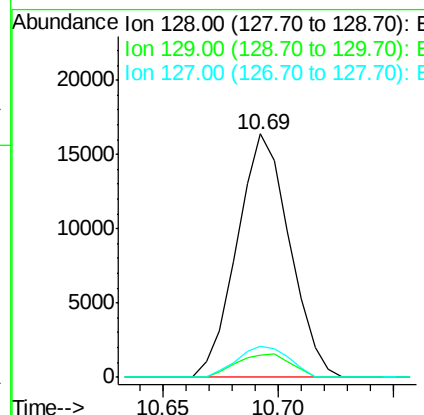
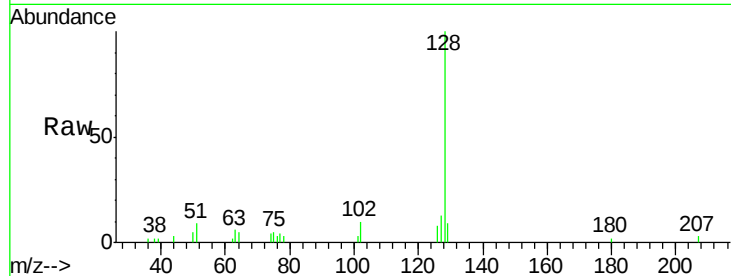




#28
Naphthalene
Concen: 1.72 ng/ul
RT: 10.69 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BM004676.D
Acq: 17 Mar 2016 21:00

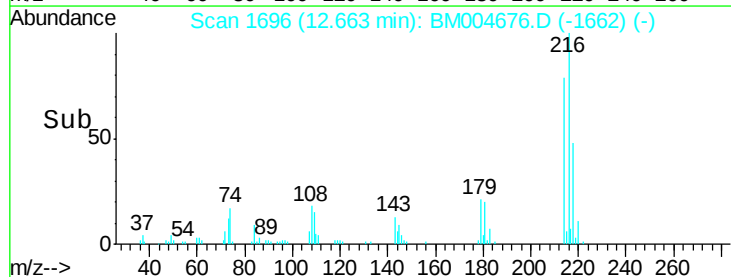
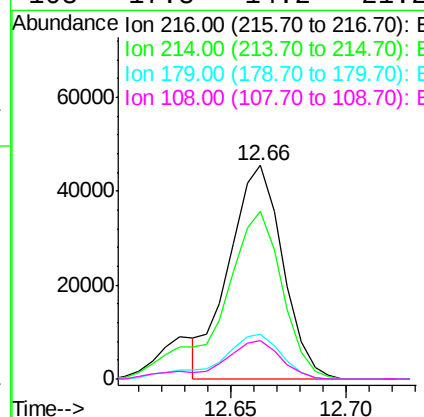
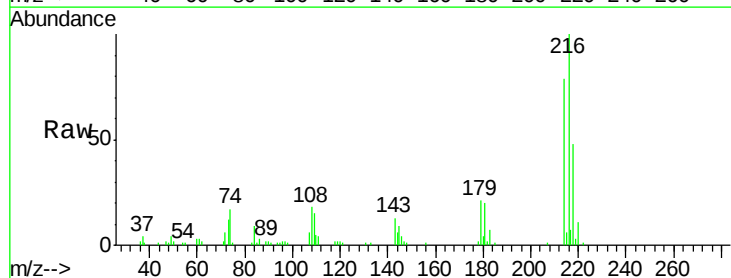
Instrument :
BNA_M
ClientSampleId :
C0AH2DL

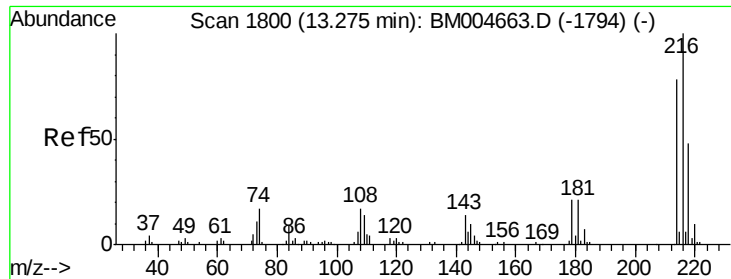
Tgt Ion:128 Resp: 26035
Ion Ratio Lower Upper
128 100
129 9.2 8.8 13.2
127 12.6 10.5 15.7



#37
1,2,4,5-Tetrachlorobenzene
Concen: 15.32 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM004676.D
Acq: 17 Mar 2016 21:00

Tgt Ion:216 Resp: 73422
Ion Ratio Lower Upper
216 100
214 78.7 62.5 93.7
179 20.8 18.2 27.2
108 17.8 14.2 21.2





#73

1,2,3,4-Tetrachlorobenzene

Concen: 53.66 ng/uL

RT: 13.27 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BM004676.D

Acq: 17 Mar 2016 21:00

Instrument :

BNA_M

ClientSampleId :

C0AH2DL

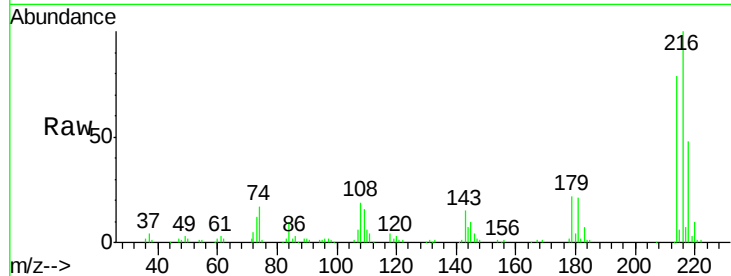
Tgt Ion:216 Resp: 246393

Ion Ratio Lower Upper

216 100

214 78.6 62.5 93.7

218 47.7 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

