

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091817\
 Data File : BM011579.D
 Acq On : 18 Sep 2017 21:13
 Operator : SJ/JU
 Sample : I5234-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ3

Quant Time: Sep 27 14:58:58 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 19 02:31:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	416906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	1768653	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1016284	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2222376	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2259684	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2020260	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	48080	5.19	ng/uL	0.00
5) Phenol-d5	7.12	99	166240	4.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	510022	18.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	444351	14.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	296574	9.49	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	267988	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	273867	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	494982	17.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	66670	2.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1818258	21.16	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2095838	20.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	42007	2.60	ng/ul	0.00
58) Fluorene-d10	15.59	176	1551197	20.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	205744	15.91	ng/ul	0.00
71) Anthracene-d10	17.44	188	2483302	22.69	ng/ul	0.00
79) Pyrene-d10	19.72	212	2737821	25.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2158217	22.42	ng/ul	0.00

Target Compounds

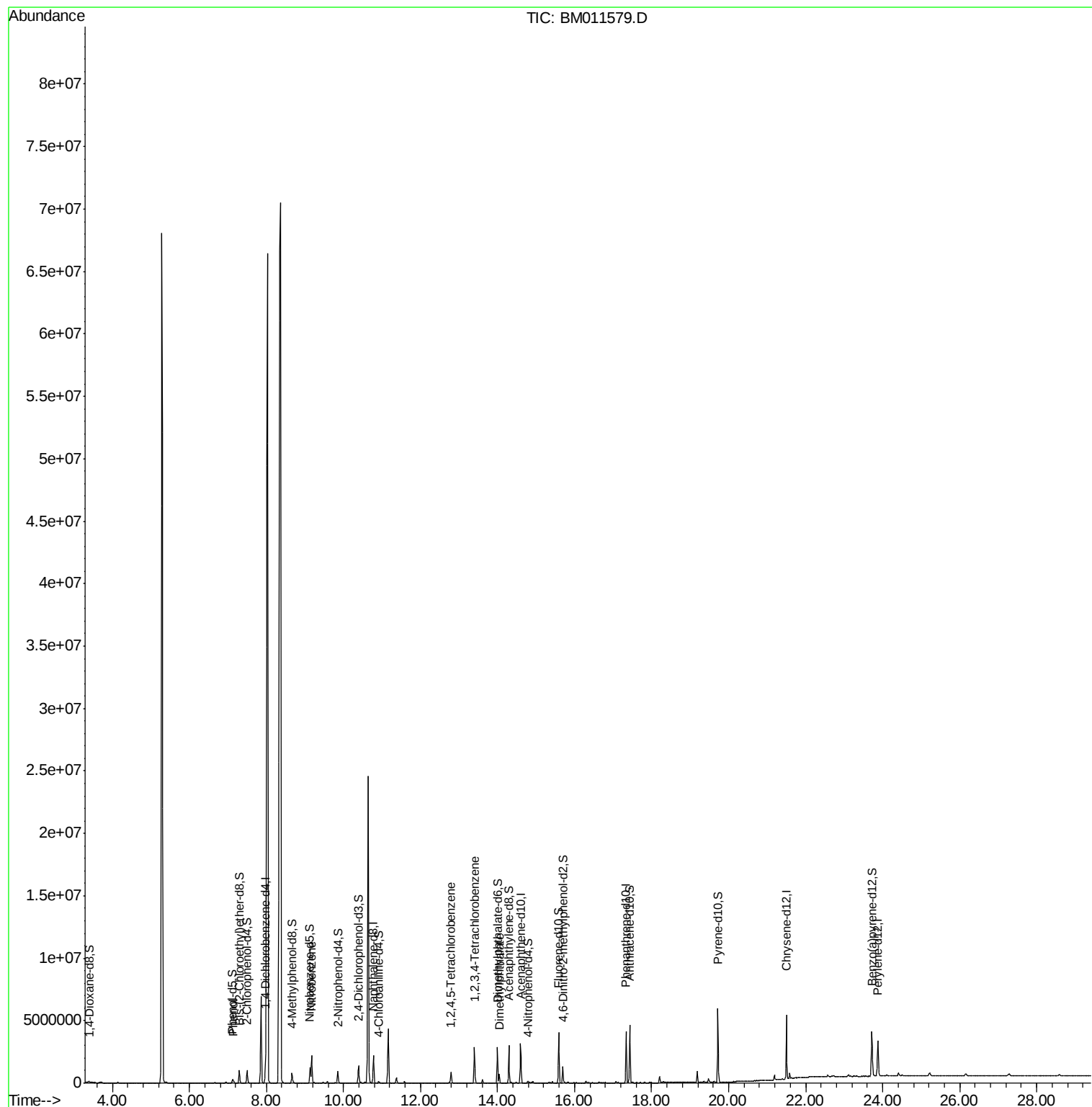
					Qvalue	
6) Phenol	7.15	94	62517	1.573	ng/ul#	92
20) Nitrobenzene	9.17	77	1143621	36.224	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	284792	9.447	ng/ul#	96
45) Dimethylphthalate	14.04	163	416952	5.069	ng/ul#	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	784679	26.497	ng/uL	98

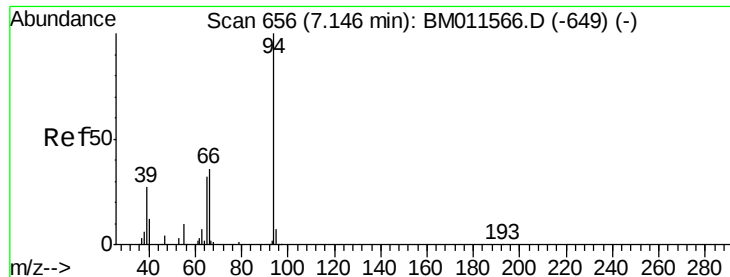
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.573 ng/ul

RT: 7.15 min Scan# 656

Delta R.T. -0.00 min

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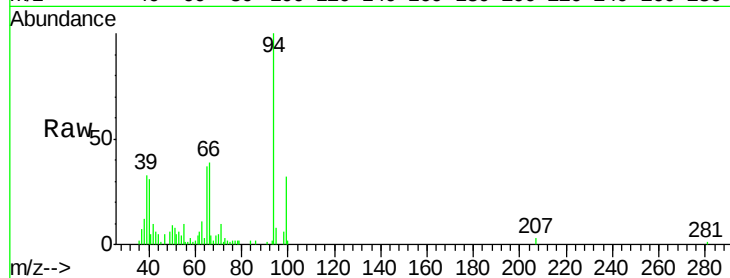
Tgt Ion: 94 Resp: 62517

Ion Ratio Lower Upper

94 100

65 37.1 23.0 34.6#

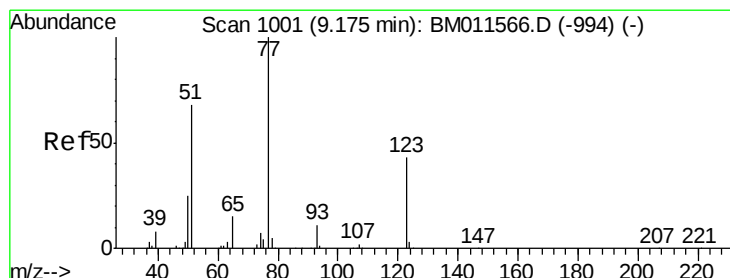
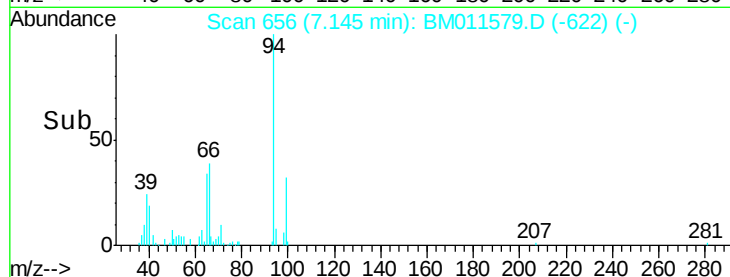
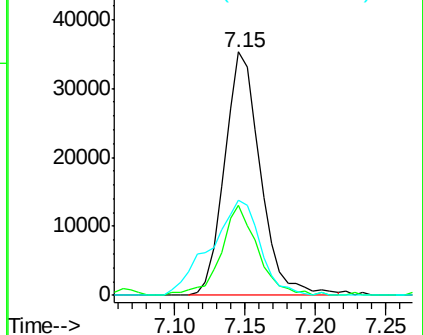
66 39.0 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM011566.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM011566.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM011566.D (-649) (-)



#20

Nitrobenzene

Concen: 36.224 ng/ul

RT: 9.17 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BM011579.D

Acq: 18 Sep 2017 21:13

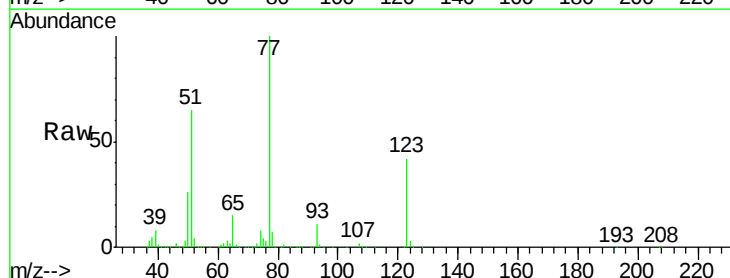
Tgt Ion: 77 Resp: 1143621

Ion Ratio Lower Upper

77 100

123 41.6 31.8 47.8

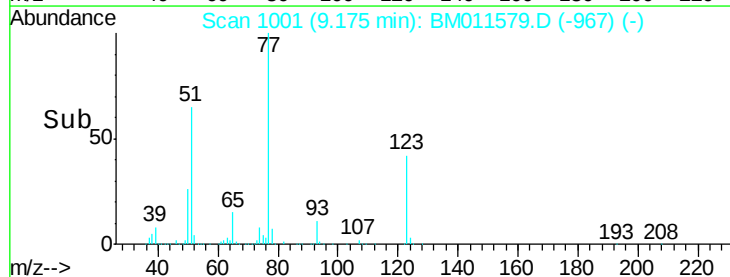
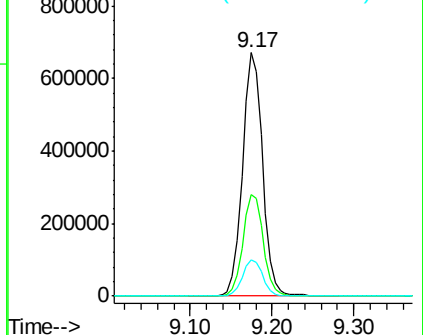
65 14.8 10.6 16.0

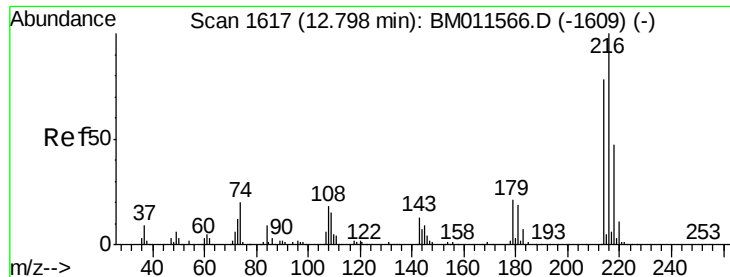


Abundance Ion 77.00 (76.70 to 77.70): BM011566.D (-994) (-)

Ion 123.00 (122.70 to 123.70): BM011566.D (-994) (-)

Ion 65.00 (64.70 to 65.70): BM011566.D (-994) (-)

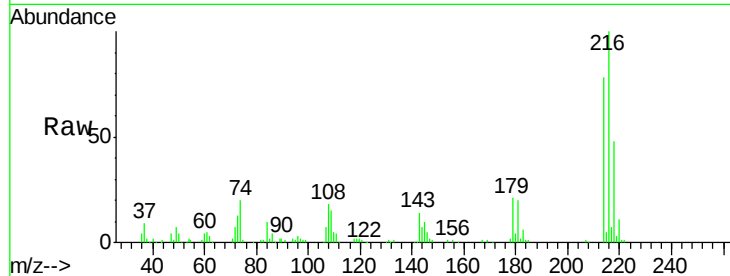




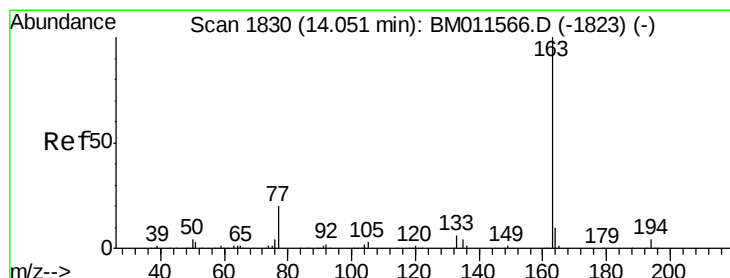
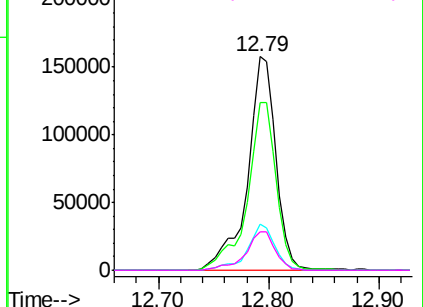
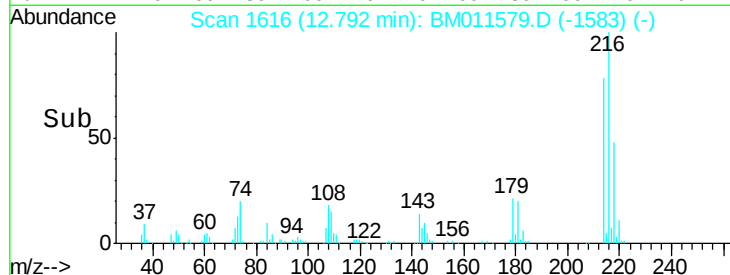
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.447 ng/ul
 RT: 12.79 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BM011579.D
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Tgt Ion:	216	Resp:	284792
Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.1	96.1
179	21.4	14.5	21.7
108	17.9	10.4	15.6#

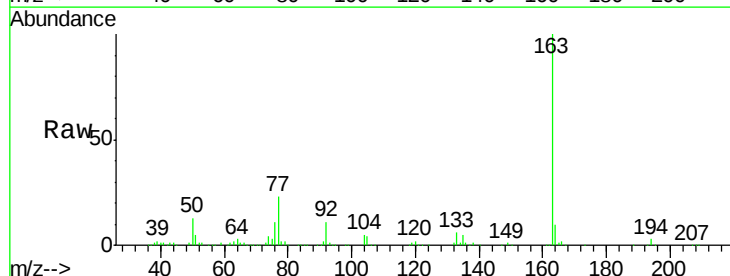


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

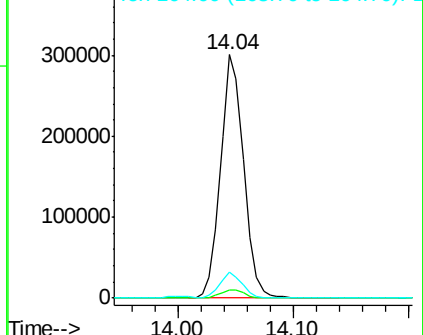
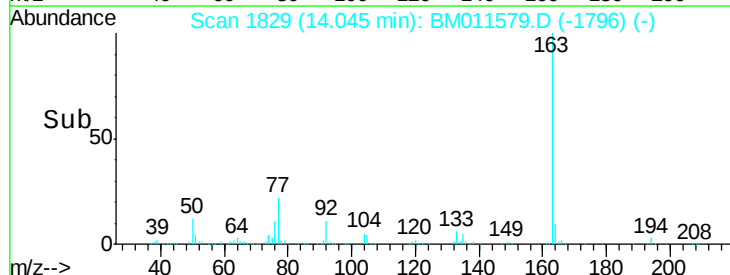


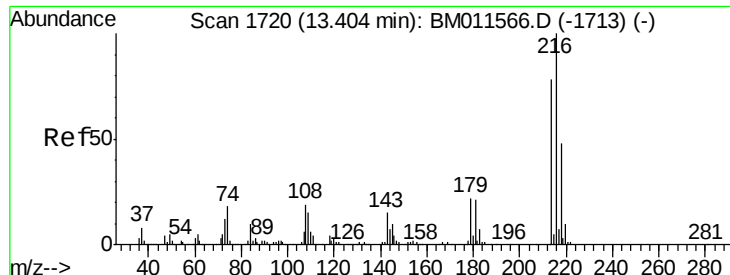
#45
 Dimethylphthalate
 Concen: 5.069 ng/ul
 RT: 14.04 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BM011579.D
 Acq: 18 Sep 2017 21:13

Tgt Ion:	163	Resp:	416952
Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.0	6.0#
164	10.5	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 26.497 ng/uL

RT: 13.40 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM011579.D

Acq: 18 Sep 2017 21:13

Instrument :

BNA_M

ClientSampleId :

C0AJ3

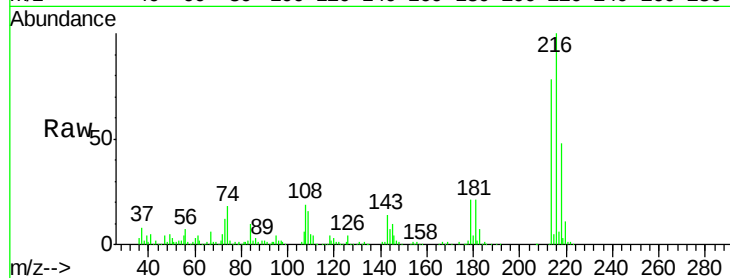
Tgt Ion:216 Resp: 784679

Ion Ratio Lower Upper

216 100

214 78.5 64.1 96.1

218 48.5 39.4 59.0



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

