

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
 Data File : BM004670.D
 Acq On : 17 Mar 2016 17:21
 Operator : UM/SJ
 Sample : H1783-04DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 05:08:06 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	57460	20.00	ng/ul	0.02
18) Naphthalene-d8	10.64	136	265974	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	143196	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	321717	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	356822	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	345771	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	241	0.14	ng/uL	0.00
5) Phenol-d5	7.00	99	6771	1.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	19979	7.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	21501	5.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	13283	3.49	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	11267	6.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	11825	5.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	22595	5.77	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.88	166	79551	7.11	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	95591	6.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	1325	0.61	ng/ul	0.00
58) Fluorene-d10	15.47	176	71537	7.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	5932	3.51	ng/ul	0.00
71) Anthracene-d10	17.32	188	109763	7.41	ng/ul	0.00
79) Pyrene-d10	19.61	212	125984	7.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	128253	8.30	ng/ul	0.00

Target Compounds

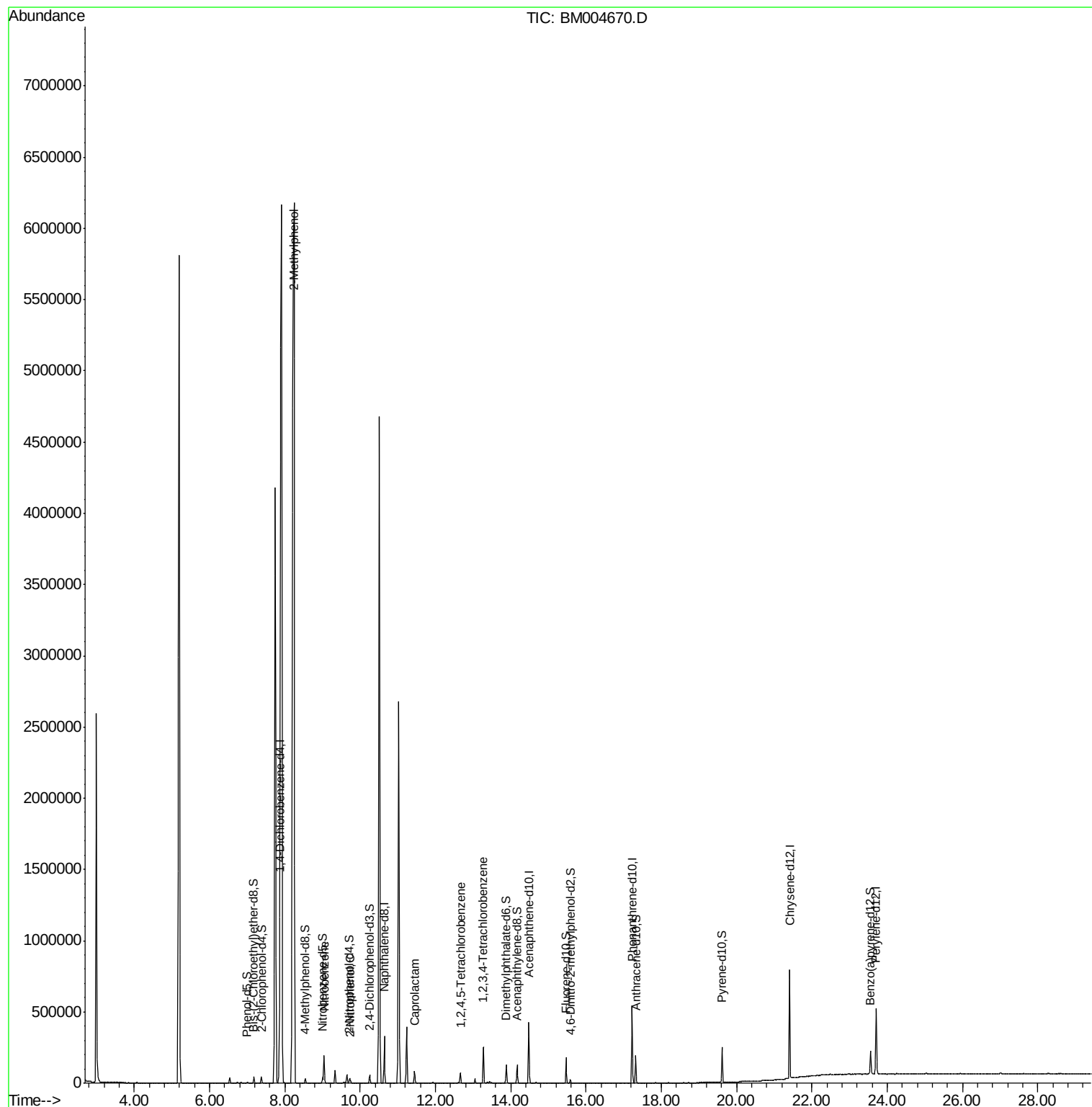
						Ovalue
11) 2-Methylphenol	8.23	108	47639	12.48	ng/ul	96
20) Nitrobenzene	9.04	77	107435	23.54	ng/ul	96
23) 2-Nitrophenol	9.75	139	4214	1.90	ng/ul#	91
32) Caprolactam	11.45	113	6493	4.80	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	26672	5.83	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	77727	17.56	ng/uL	99

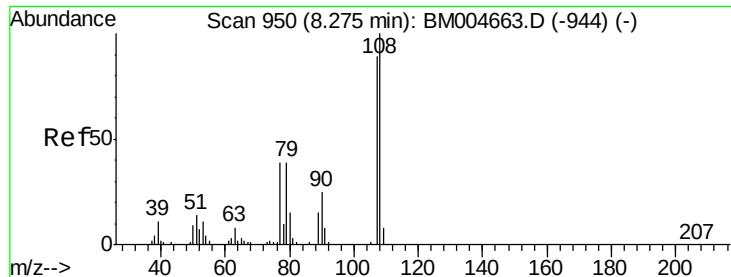
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 12.48 ng/ul

RT: 8.23 min Scan# 942

Delta R.T. -0.05 min

Lab File: BM004670.D

Acq: 17 Mar 2016 17:21

Instrument :

BNA_M

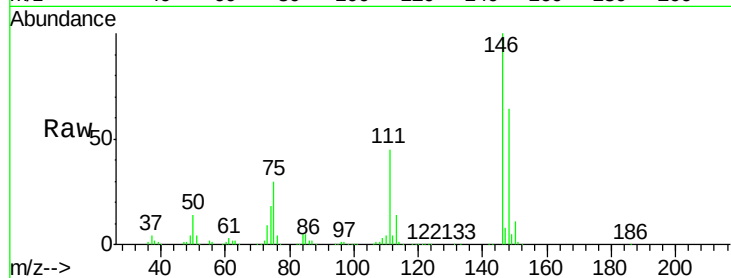
ClientSampleId :

Tot Ion:108 Resp: 47639

Ion Ratio Lower Upper

108 100

107 94.4 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

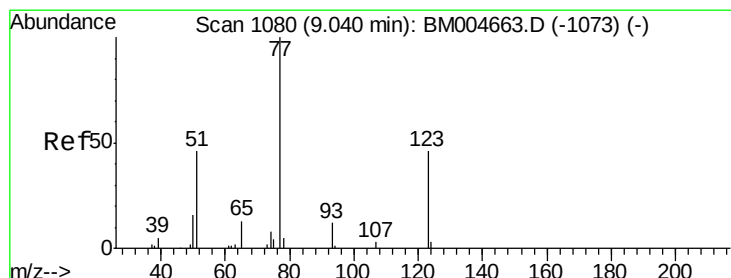
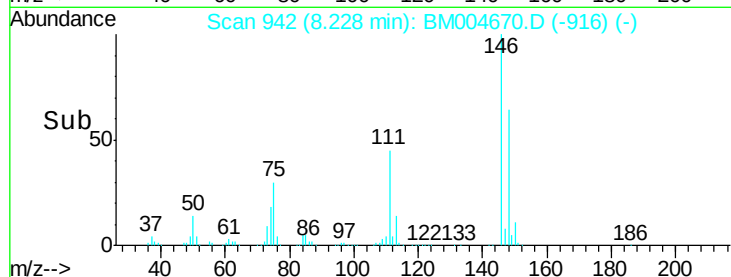
15000

10000

5000

0

Time-->



#20

Nitrobenzene

Concen: 23.54 ng/ul

RT: 9.04 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004670.D

Acq: 17 Mar 2016 17:21

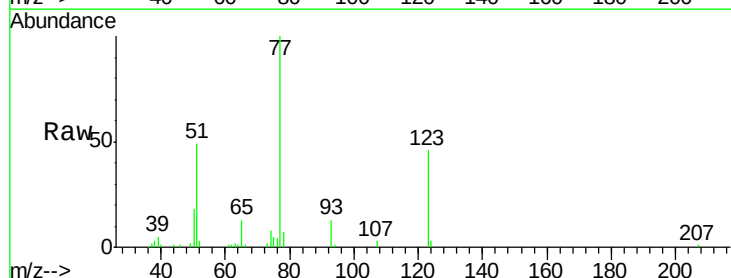
Tgt Ion: 77 Resp: 107435

Ion Ratio Lower Upper

77 100

123 45.7 39.0 58.4

65 13.0 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

80000

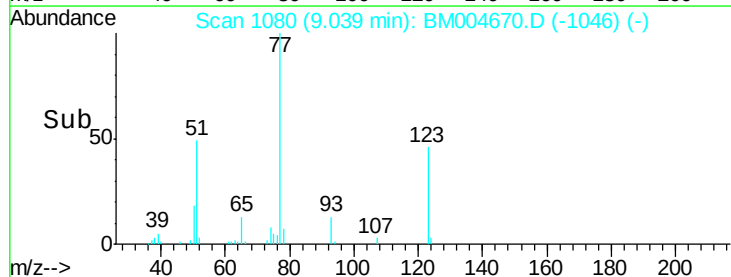
60000

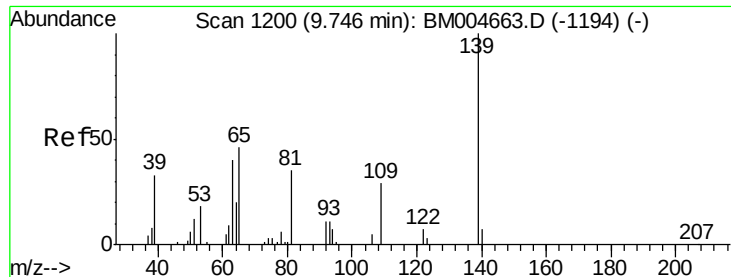
40000

20000

0

Time-->





#23

2-Nitrophenol

Concen: 1.90 ng/ul

RT: 9.75 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BM004670.D

Acq: 17 Mar 2016 17:21

Instrument :

BNA_M

ClientSampleId :

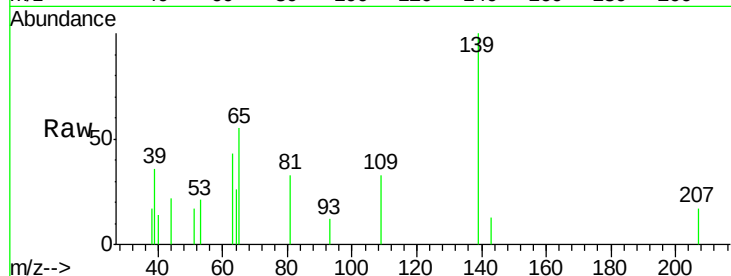
Tot Ion:139 Resp: 4214

Ion Ratio Lower Upper

139 100

65 55.3 36.3 54.5#

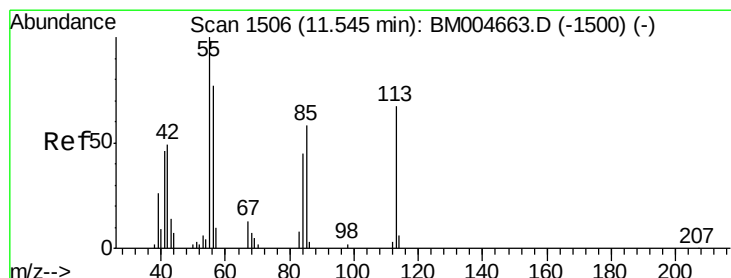
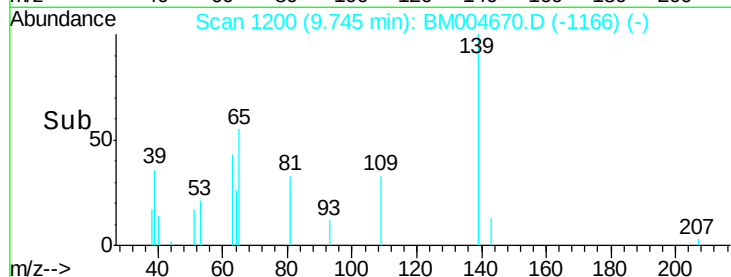
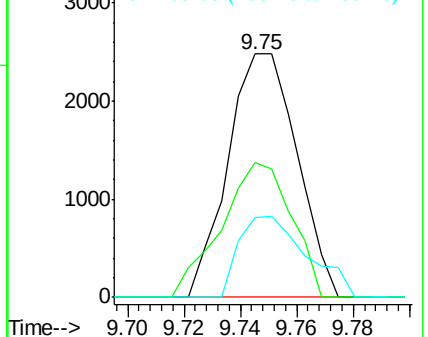
109 32.6 26.4 39.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#32

Caprolactam

Concen: 4.80 ng/ul

RT: 11.45 min Scan# 1489

Delta R.T. -0.10 min

Lab File: BM004670.D

Acq: 17 Mar 2016 17:21

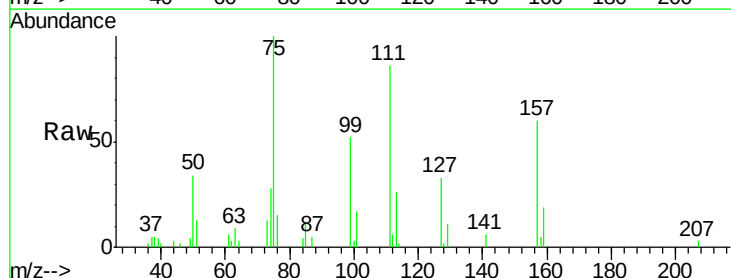
Tgt Ion:113 Resp: 6493

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

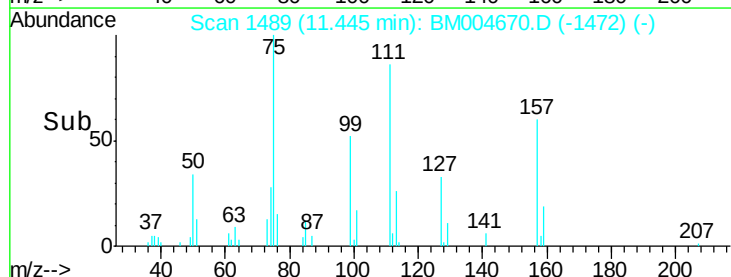
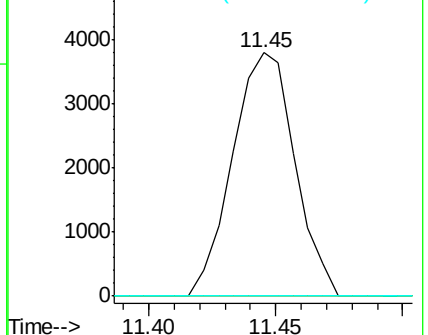
56 0.0 81.2 121.8#

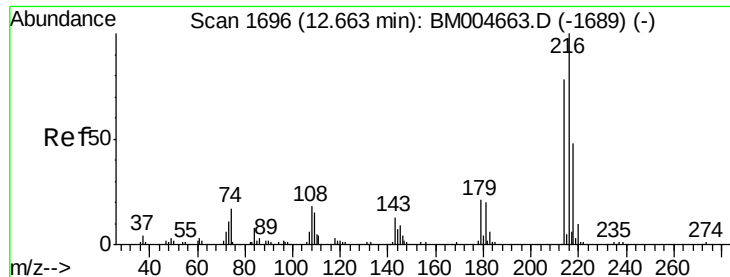


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

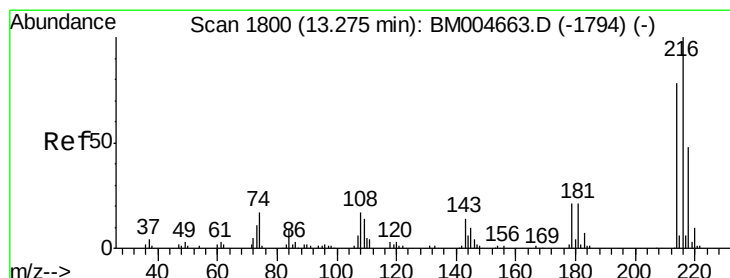
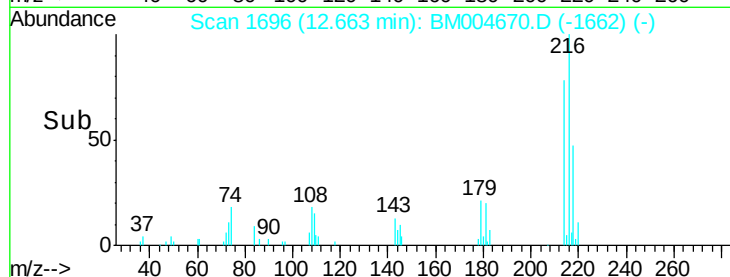
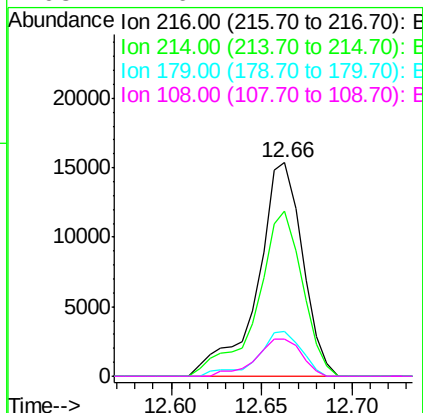
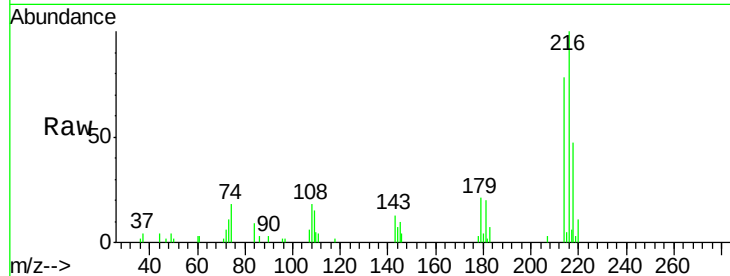




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.83 ng/uL
 RT: 12.66 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM004670.D
 Acq: 17 Mar 2016 17:21

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216	Resp:	26672
Ion Ratio	Lower	Upper
216	100	
214	77.5	62.5 93.7
179	21.3	18.2 27.2
108	17.6	14.2 21.2



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 17.56 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BM004670.D
 Acq: 17 Mar 2016 17:21

Tgt Ion:216	Resp:	77727
Ion Ratio	Lower	Upper
216	100	
214	77.8	62.5 93.7
218	49.1	38.4 57.6

