

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
 Data File : BM004673.D
 Acq On : 17 Mar 2016 19:11
 Operator : UM/SJ
 Sample : H1783-07DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 05:08:33 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	56745	20.00	ng/ul	0.02
18) Naphthalene-d8	10.64	136	275076	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	146562	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	329165	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	361884	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	346811	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	257	0.16	ng/uL	0.00
5) Phenol-d5	7.00	99	6938	1.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	22603	8.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	23301	6.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	13735	3.65	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	12756	6.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	13305	6.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	24406	6.02	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.88	166	89807	7.84	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	107444	7.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	1464	0.66	ng/ul	0.00
58) Fluorene-d10	15.47	176	78821	7.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	6827	3.95	ng/ul	0.00
71) Anthracene-d10	17.32	188	120331	7.94	ng/ul	0.00
79) Pyrene-d10	19.61	212	132621	8.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	134509	8.68	ng/ul	0.00

Target Compounds

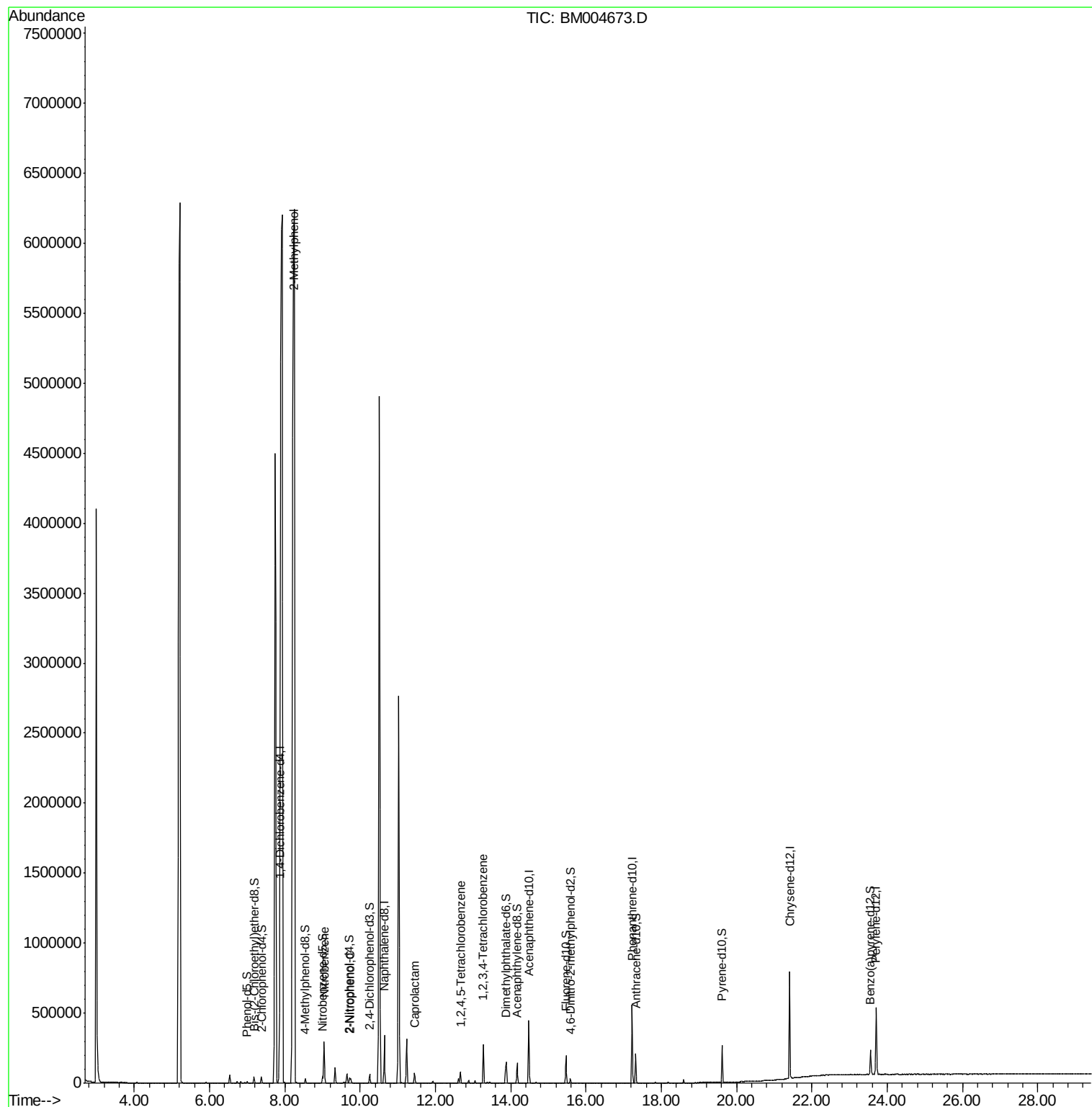
						Ovalue
11) 2-Methylphenol	8.22	108	28171	7.47	ng/ul	98
20) Nitrobenzene	9.04	77	168437	35.68	ng/ul	96
23) 2-Nitrophenol	9.75	139	12658	5.53	ng/ul	95
32) Caprolactam	11.45	113	5716	4.09	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	29243	6.25	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	83588	18.46	ng/uL	98

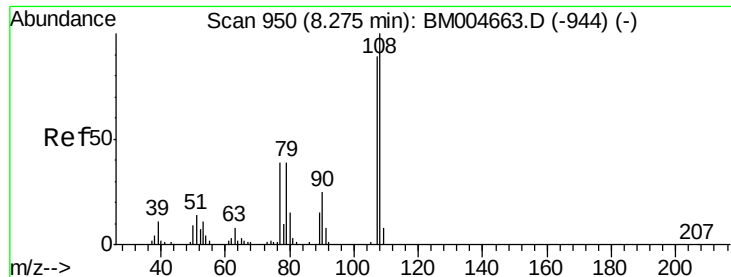
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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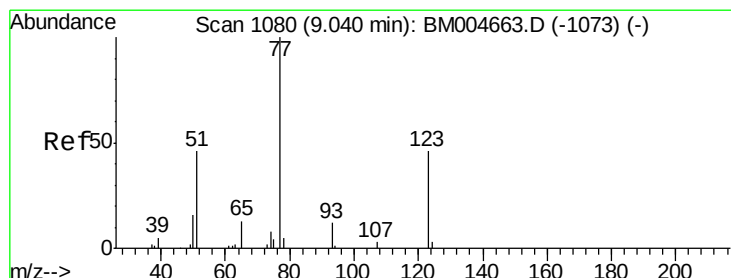
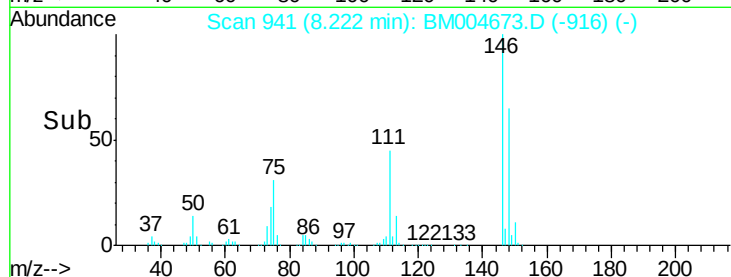
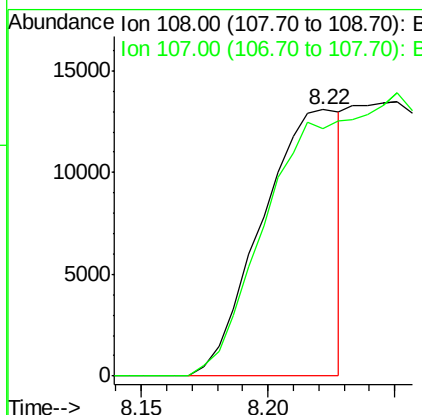
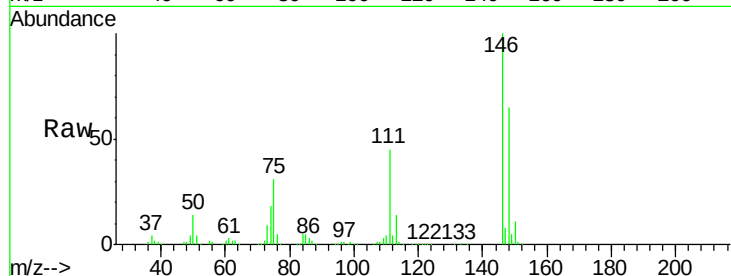




#11
2-Methylphenol
Concen: 7.47 ng/ul
RT: 8.22 min Scan# 941
Delta R.T. -0.05 min
Lab File: BM004673.D
Acq: 17 Mar 2016 19:11

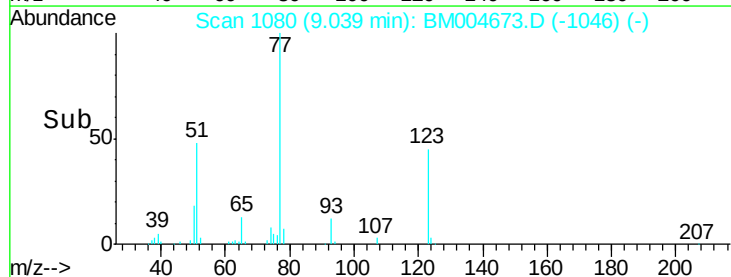
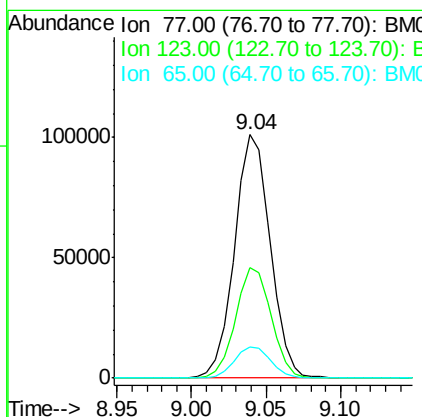
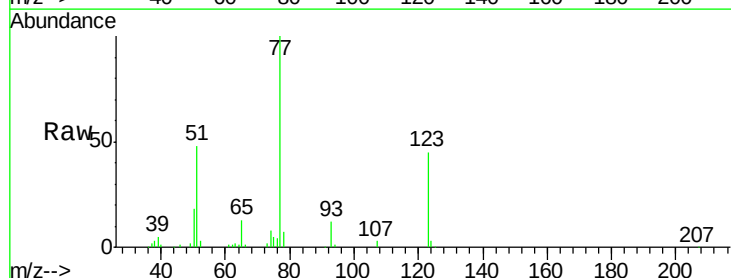
Instrument :
BNA_M
ClientSampleId :

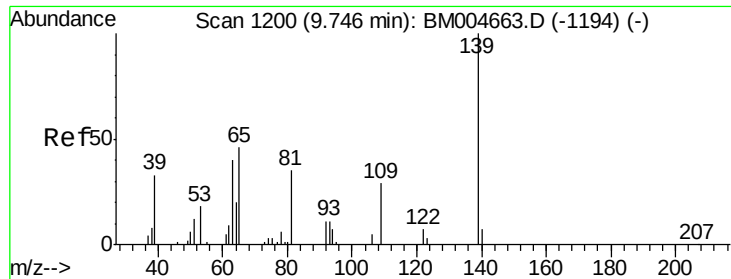
Tot Ion:108 Resp: 28171
Ion Ratio Lower Upper
108 100
107 92.8 72.4 108.6



#20
Nitrobenzene
Concen: 35.68 ng/ul
RT: 9.04 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM004673.D
Acq: 17 Mar 2016 19:11

Tgt Ion: 77 Resp: 168437
Ion Ratio Lower Upper
77 100
123 45.3 39.0 58.4
65 12.7 10.4 15.6





#23

2-Nitrophenol

Concen: 5.53 ng/ul

RT: 9.75 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BM004673.D

Acq: 17 Mar 2016 19:11

Instrument :

BNA_M

ClientSampled :

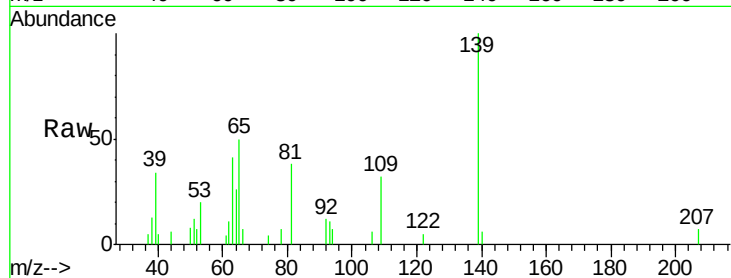
Tot Ion:139 Resp: 12658

Ion Ratio Lower Upper

139 100

65 50.2 36.3 54.5

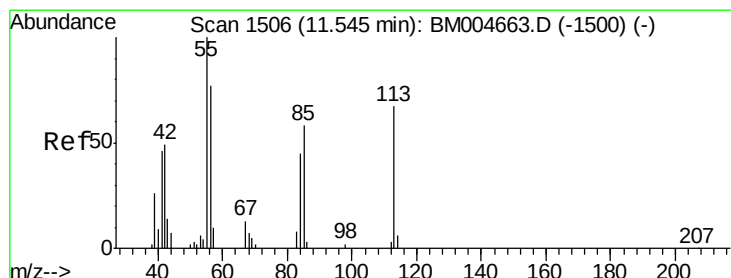
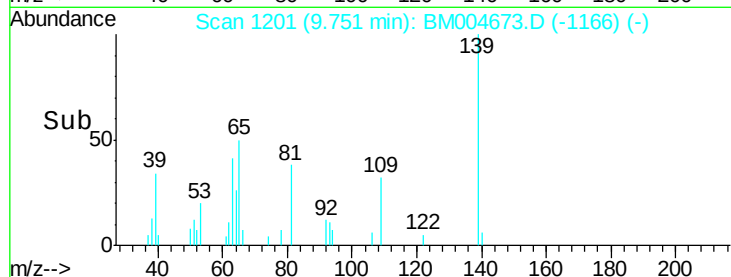
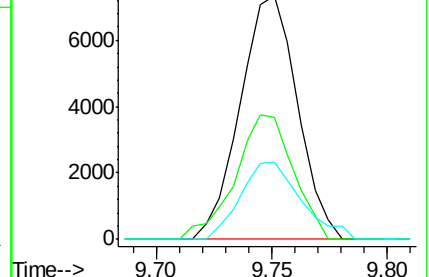
109 31.8 26.4 39.6



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: 4.09 ng/ul

RT: 11.45 min Scan# 1489

Delta R.T. -0.10 min

Lab File: BM004673.D

Acq: 17 Mar 2016 19:11

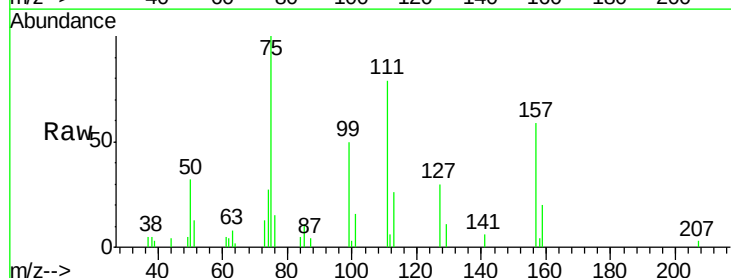
Tgt Ion:113 Resp: 5716

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

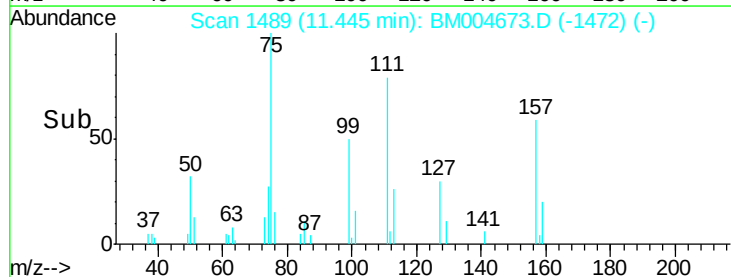
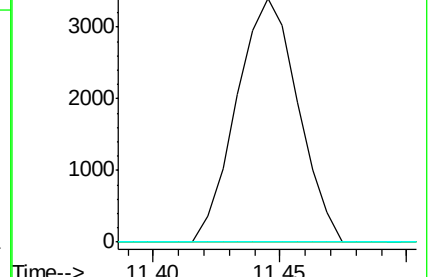
56 0.0 81.2 121.8#

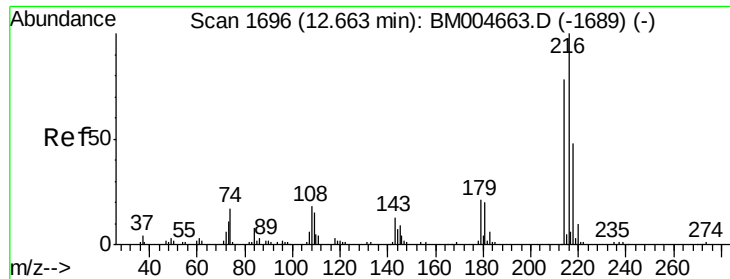


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

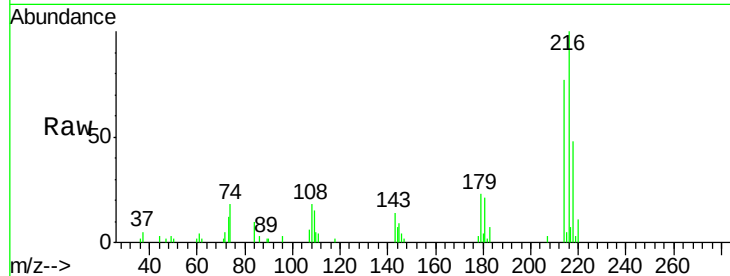




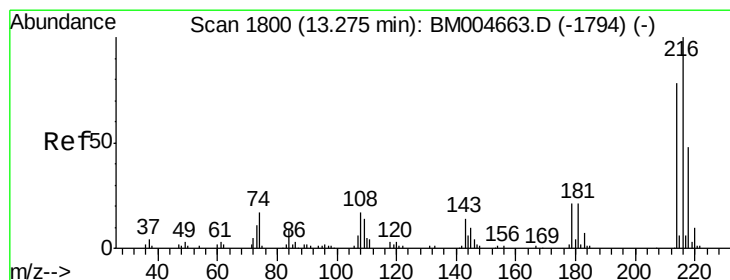
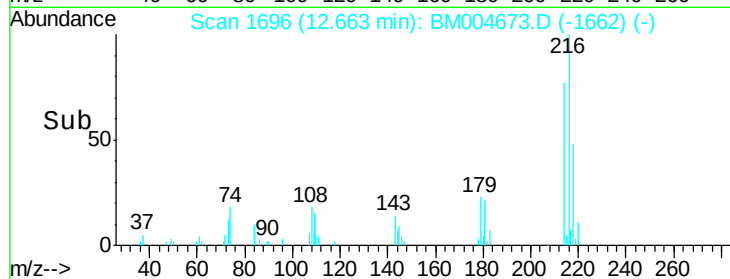
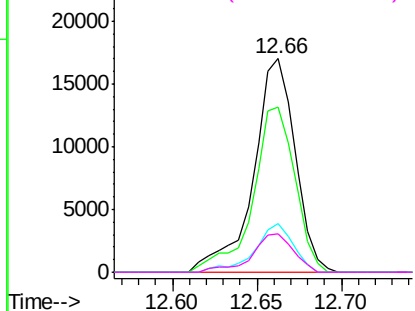
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.25 ng/uL
 RT: 12.66 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM004673.D
 Acq: 17 Mar 2016 19:11

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:216	Resp:	29243	
Ion Ratio	Lower	Upper	
216 100			
214 77.2	62.5	93.7	
179 23.0	18.2	27.2	
108 18.0	14.2	21.2	

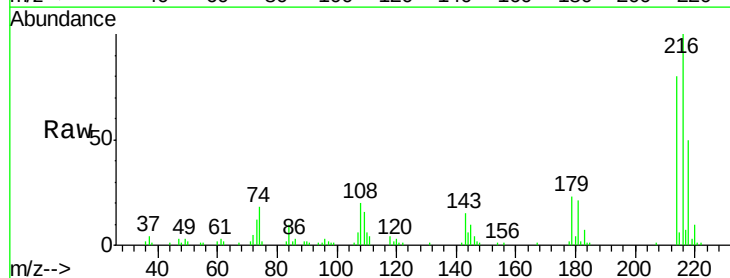


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 18.46 ng/uL
 RT: 13.27 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BM004673.D
 Acq: 17 Mar 2016 19:11

Tgt	Ion:216	Resp:	83588
Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.5	93.7
218	50.1	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

