

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004634.D
 Acq On : 16 Mar 2016 13:50
 Operator : UM/SJ
 Sample : H1783-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA1

Quant Time: Mar 17 01:35:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 00:56:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	42352	20.00	ng/ul	0.03
18) Naphthalene-d8	10.66	136	270531	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.47	164	144095	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	325779	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	369691	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	356136	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	2128	1.73	ng/uL	0.00
5) Phenol-d5	7.00	99	36877	10.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	102954	52.19	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	113355	40.46	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	71491	25.48	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	65588	34.86	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	68907	33.91	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	123686	31.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	7803	1.64	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	420988	37.37	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	521294	37.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	11774	5.41	ng/ul	0.00
58) Fluorene-d10	15.47	176	370081	37.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	50191	29.32	ng/ul	0.00
71) Anthracene-d10	17.32	188	581756	38.79	ng/ul	0.00
79) Pyrene-d10	19.61	212	675906	40.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	696103	43.76	ng/ul	0.00

Target Compounds

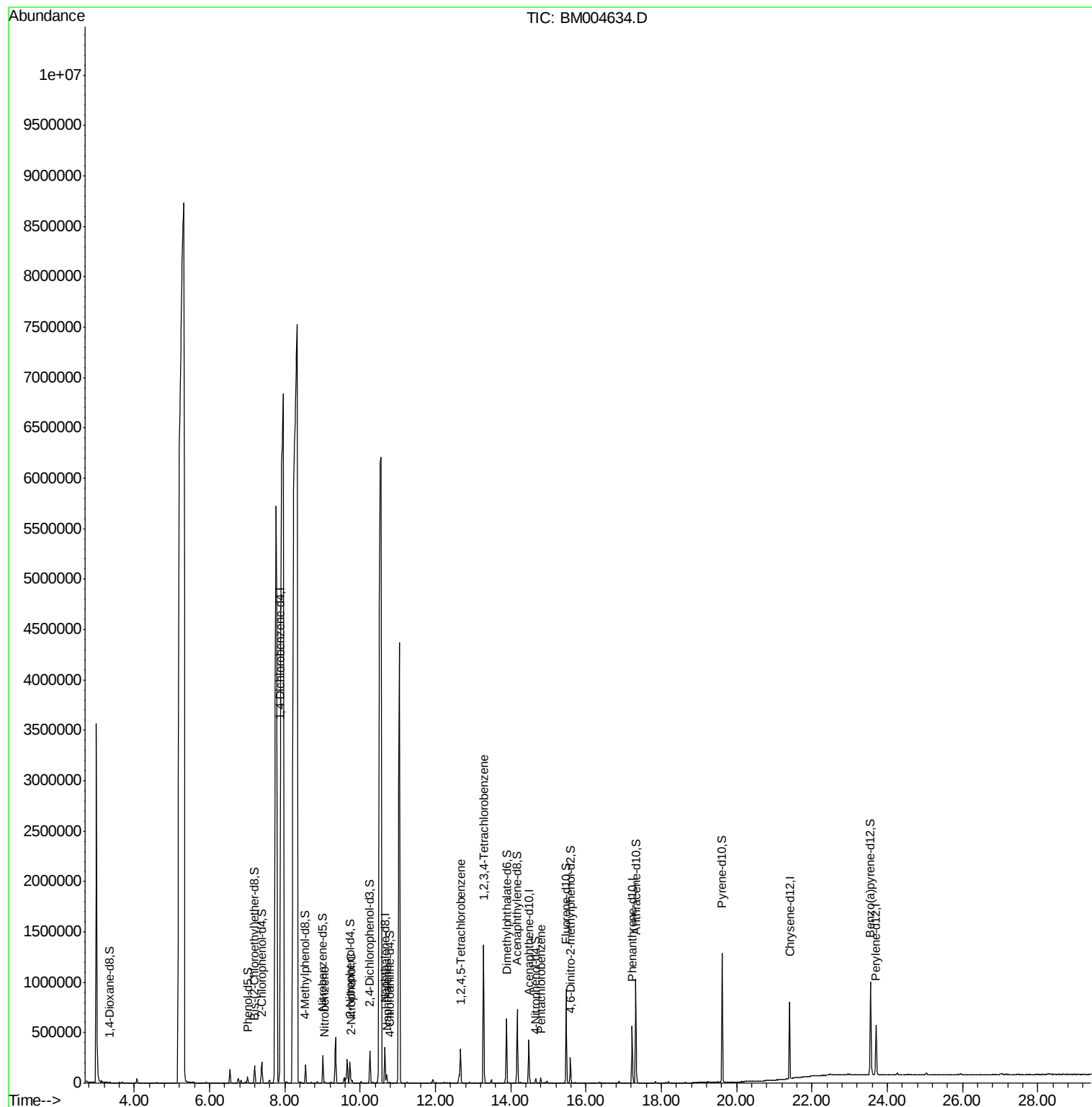
						Qvalue
20) Nitrobenzene	9.05	77	7422	1.60	ng/ul	97
23) 2-Nitrophenol	9.76	139	6395	2.84	ng/ul	92
28) Naphthalene	10.70	128	64140	4.55	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	105769	22.98	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	424874	94.79	ng/uL	100
74) Pentachlorobenzene	14.79	250	13304	3.08	ng/uL	98

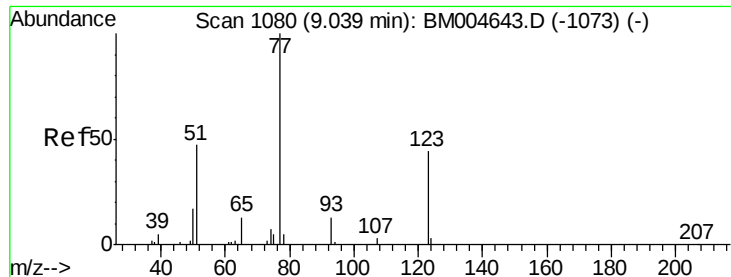
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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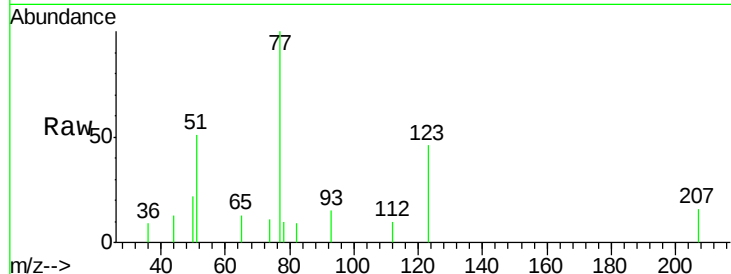




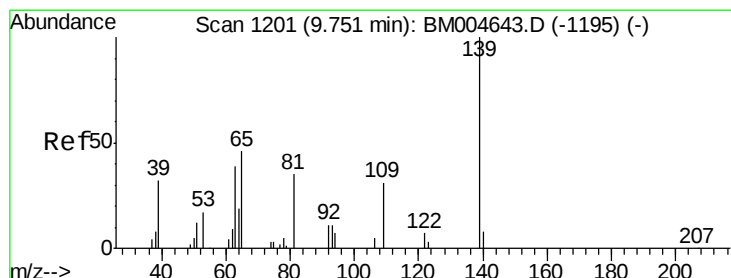
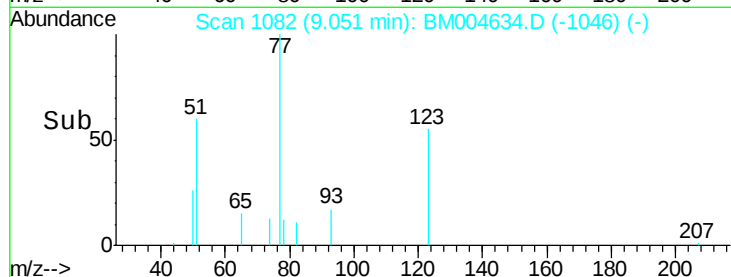
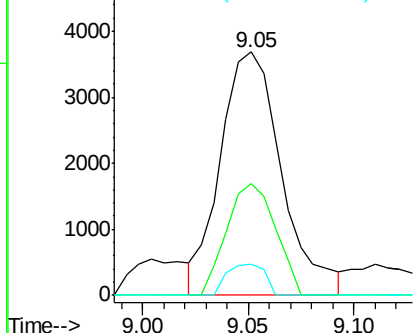
#20
Nitrobenzene
Concen: 1.60 ng/ul
RT: 9.05 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Instrument :
BNA_M
ClientSampleId :
C0AA1

Tgt Ion: 77 Resp: 7422
Ion Ratio Lower Upper
77 100
123 45.9 39.0 58.4
65 13.0 10.4 15.6

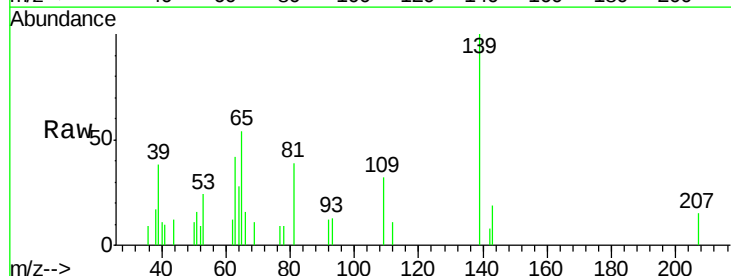


Abundance Ion 77.00 (76.70 to 77.70): BM004634.D (-1073) (-)
Ion 123.00 (122.70 to 123.70): BM004634.D (-1073) (-)
Ion 65.00 (64.70 to 65.70): BM004634.D (-1073) (-)

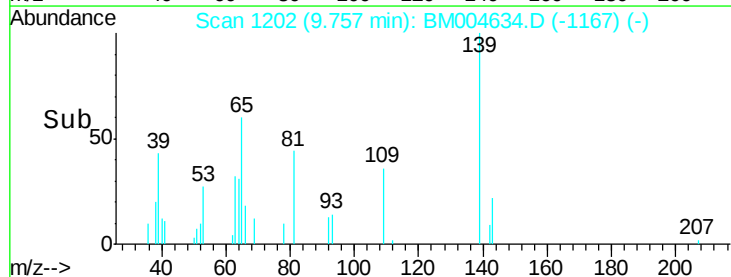
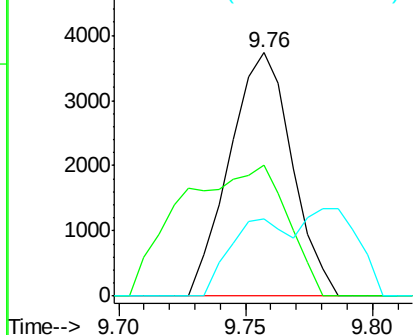


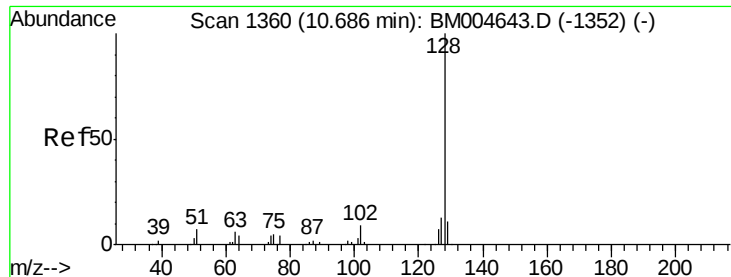
#23
2-Nitrophenol
Concen: 2.84 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Tgt Ion: 139 Resp: 6395
Ion Ratio Lower Upper
139 100
65 53.6 36.3 54.5
109 31.9 26.4 39.6



Abundance Ion 139.00 (138.70 to 139.70): BM004634.D (-1195) (-)
Ion 65.00 (64.70 to 65.70): BM004634.D (-1195) (-)
Ion 109.00 (108.70 to 109.70): BM004634.D (-1195) (-)

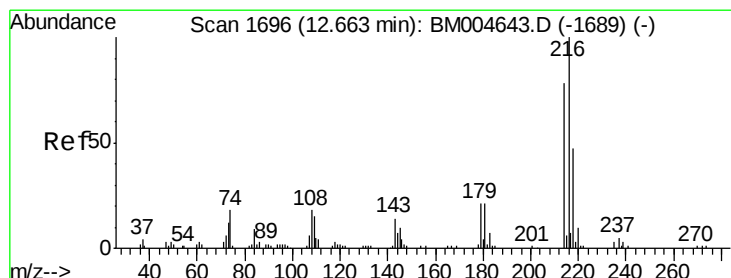
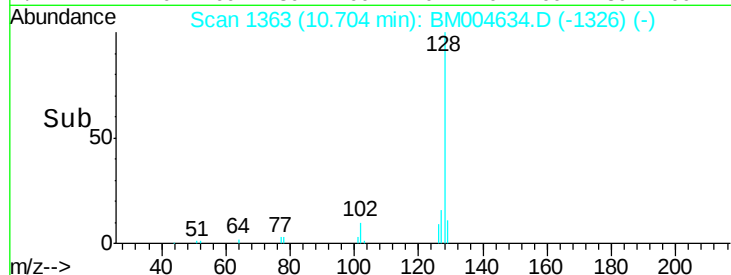
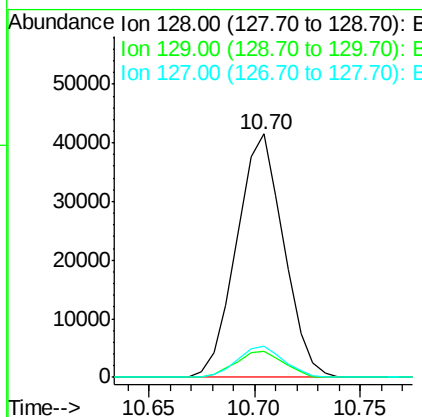
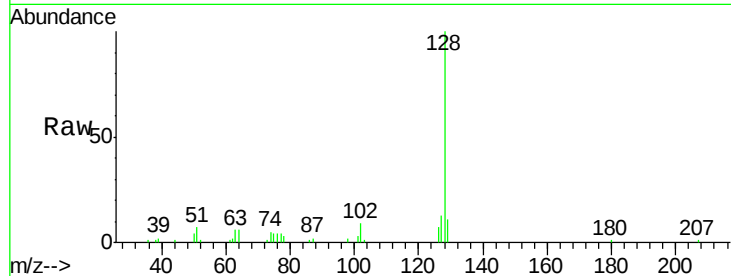




#28
Naphthalene
Concen: 4.55 ng/ul
RT: 10.70 min Scan# 1363
Delta R.T. 0.02 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

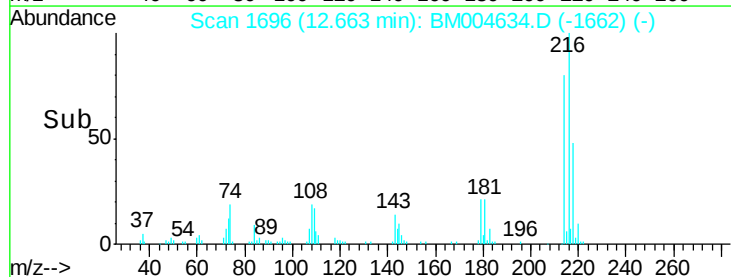
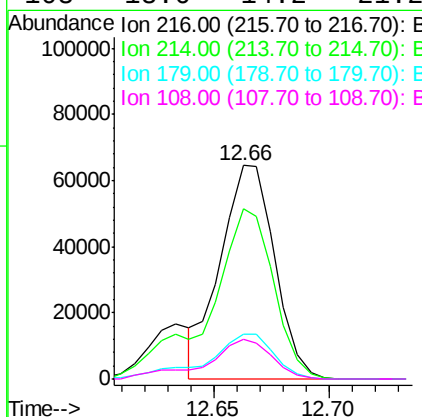
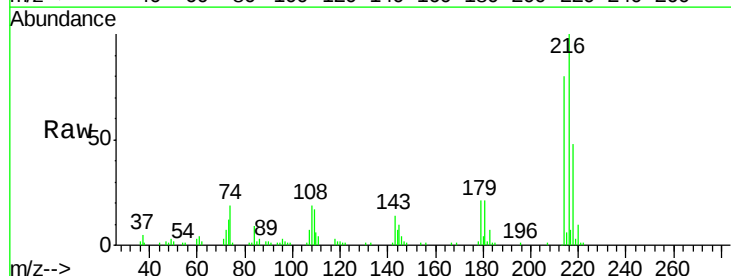
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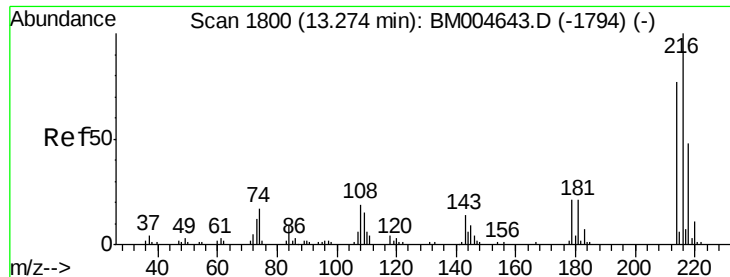
Tgt Ion:128 Resp: 64140
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.7 10.5 15.7



#37
1,2,4,5-Tetrachlorobenzene
Concen: 22.98 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM004634.D
Acq: 16 Mar 2016 13:50

Tgt Ion:216 Resp: 105769
Ion Ratio Lower Upper
216 100
214 79.8 62.5 93.7
179 21.1 18.2 27.2
108 18.6 14.2 21.2

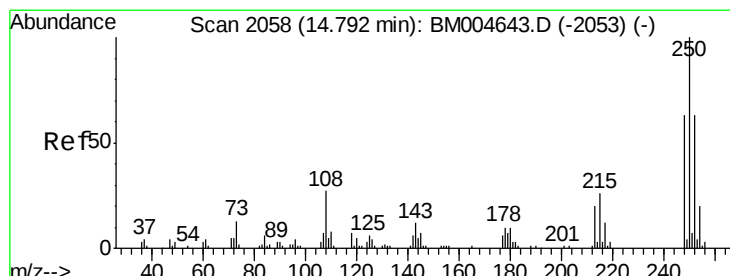
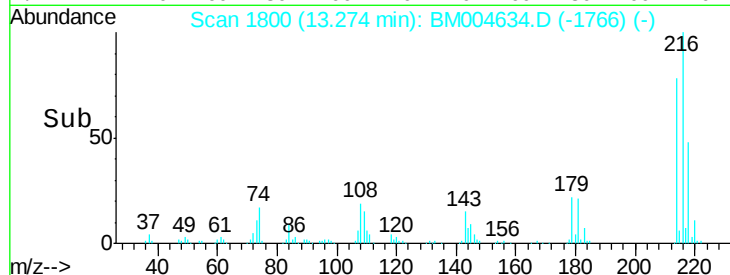
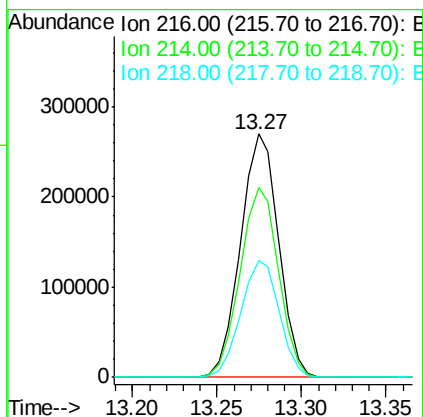
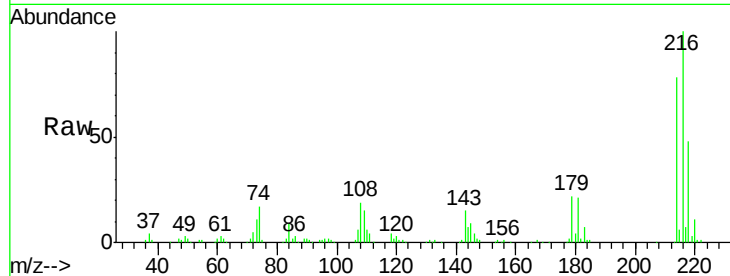




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 94.79 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BM004634.D
 Acq: 16 Mar 2016 13:50

Instrument :
 BNA_M
 ClientSampleId :
 C0AA1

Tgt Ion:216 Resp: 424874
 Ion Ratio Lower Upper
 216 100
 214 78.0 62.5 93.7
 218 47.9 38.4 57.6



#74
 Pentachlorobenzene
 Concen: 3.08 ng/uL
 RT: 14.79 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM004634.D
 Acq: 16 Mar 2016 13:50

Tgt Ion:250 Resp: 13304
 Ion Ratio Lower Upper
 250 100
 248 64.5 50.6 75.8
 252 62.0 51.4 77.0

