

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004637.D
 Acq On : 16 Mar 2016 15:39
 Operator : UM/SJ
 Sample : H1783-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

Quant Time: Mar 17 01:42:08 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	34313	20.00	ng/ul	0.02
18) Naphthalene-d8	10.66	136	280934	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.48	164	147097	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	321366	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	378507	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	374868	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	2130	2.14	ng/uL	0.00
5) Phenol-d5	7.00	99	38129	13.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	105230	65.85	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	116887	51.50	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	71024	31.25	ng/ul	0.01
19) Nitrobenzene-d5	9.01	128	65177	33.36	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	68736	32.57	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	119128	28.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	688	0.14	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	387602	33.71	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	477530	33.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	13083	5.89	ng/ul	0.00
58) Fluorene-d10	15.47	176	335936	33.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	48358	28.63	ng/ul	0.00
71) Anthracene-d10	17.32	188	524787	35.47	ng/ul	0.00
79) Pyrene-d10	19.61	212	604184	34.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	667484	39.86	ng/ul	0.00

Target Compounds

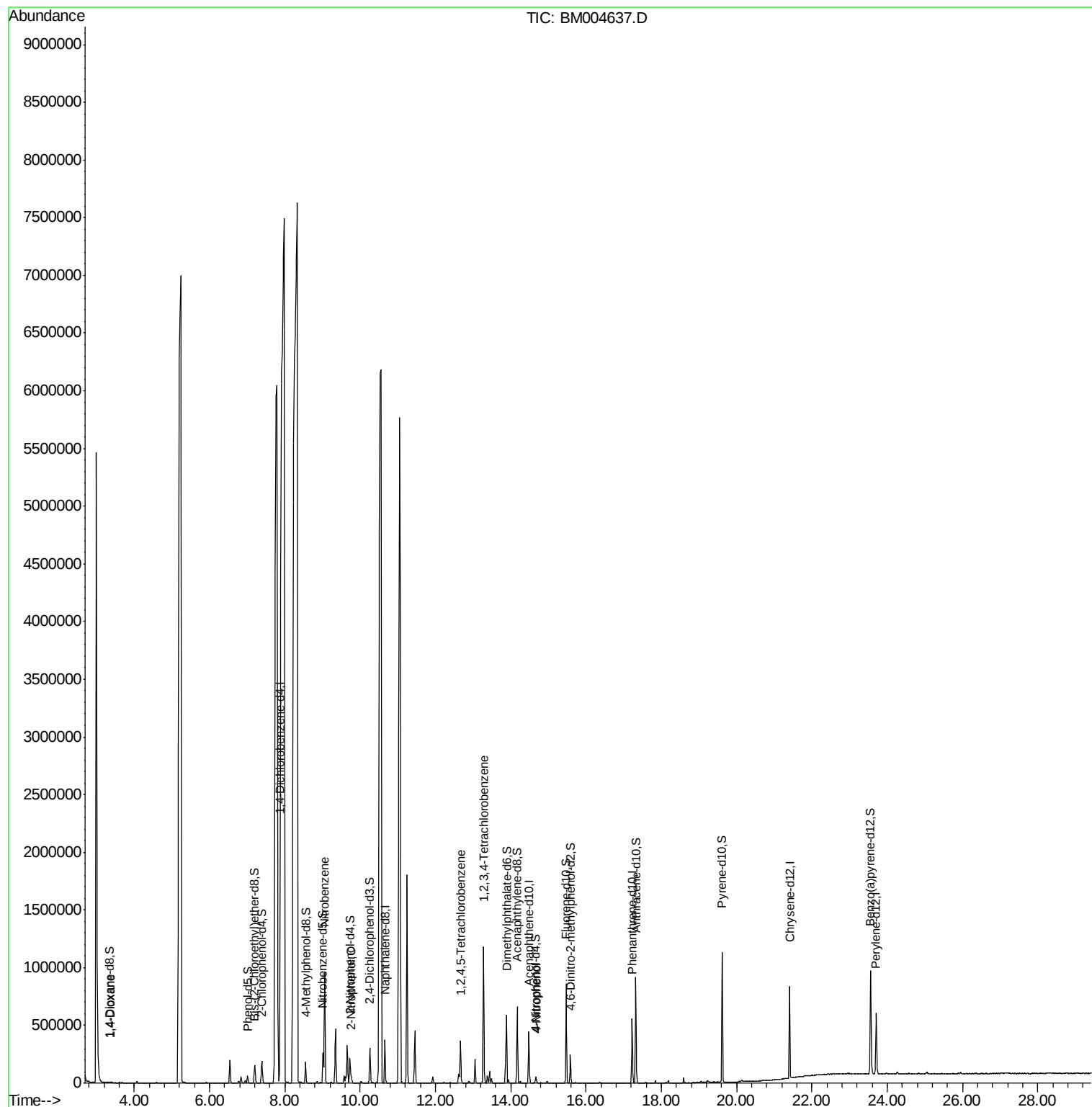
						Qvalue
2) 1,4-Dioxane	3.38	88	1484	1.28	ng/uL#	90
20) Nitrobenzene	9.06	77	553194	114.74	ng/ul	97
23) 2-Nitrophenol	9.76	139	24161	10.33	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	128115	27.26	ng/ul	99
53) 4-Nitrophenol	14.67	109	2583	1.43	ng/ul#	81
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	360523	81.54	ng/uL	100

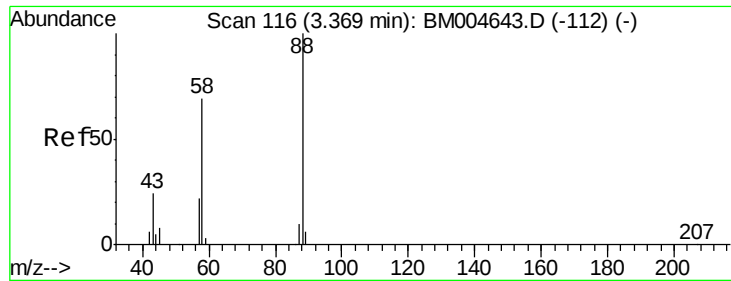
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.28 ng/uL

RT: 3.38 min Scan# 117

Delta R.T. 0.01 min

Lab File: BM004637.D

Acq: 16 Mar 2016 15:39

Instrument :

BNA_M

ClientSampleId :

C0AA4

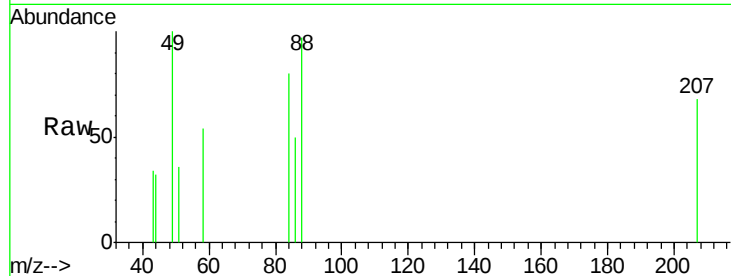
Tgt Ion: 88 Resp: 1484

Ion Ratio Lower Upper

88 100

43 17.4 21.0 31.6#

58 54.9 47.8 71.8



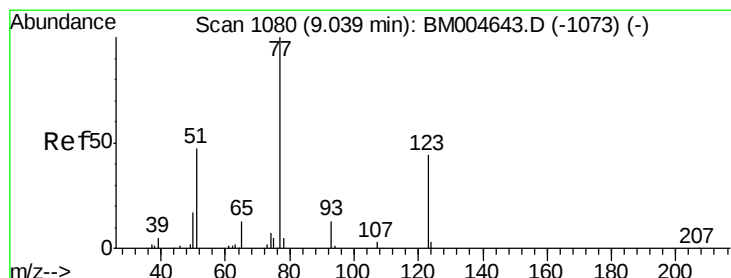
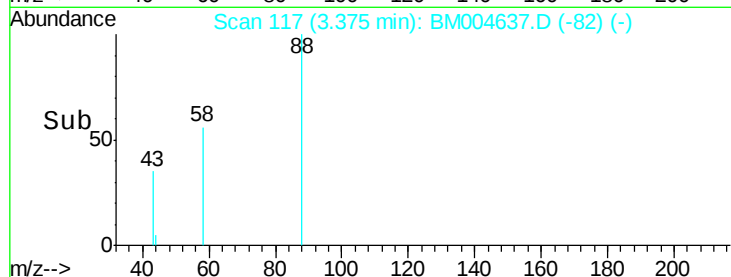
Abundance Ion 88.00 (87.70 to 88.70): BM004637.D (-112) (-)

Ion 43.00 (42.70 to 43.70): BM004637.D (-112) (-)

Ion 58.00 (57.70 to 58.70): BM004637.D (-112) (-)

Time-->

3.34 3.36 3.38 3.40



#20

Nitrobenzene

Concen: 114.74 ng/uL

RT: 9.06 min Scan# 1083

Delta R.T. 0.02 min

Lab File: BM004637.D

Acq: 16 Mar 2016 15:39

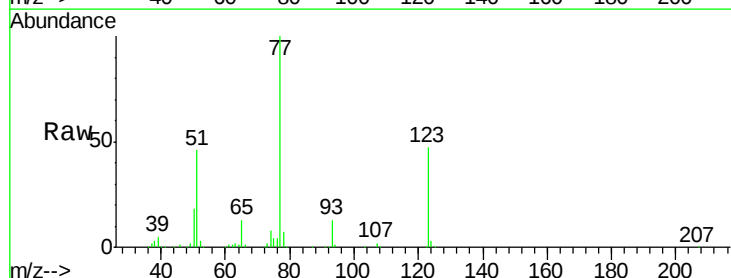
Tgt Ion: 77 Resp: 553194

Ion Ratio Lower Upper

77 100

123 46.5 39.0 58.4

65 13.1 10.4 15.6



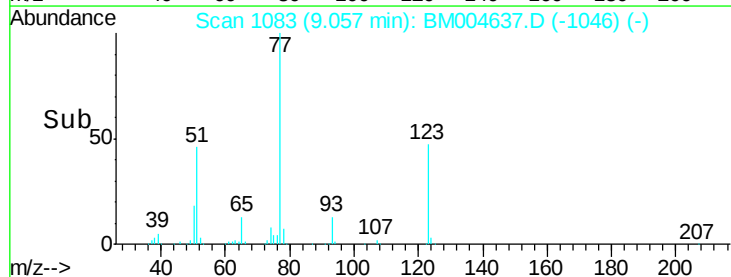
Abundance Ion 77.00 (76.70 to 77.70): BM004637.D (-1073) (-)

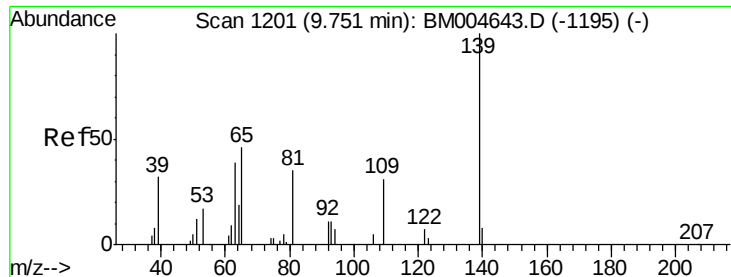
Ion 123.00 (122.70 to 123.70): BM004637.D (-1073) (-)

Ion 65.00 (64.70 to 65.70): BM004637.D (-1073) (-)

Time-->

9.00 9.06 9.10 9.20

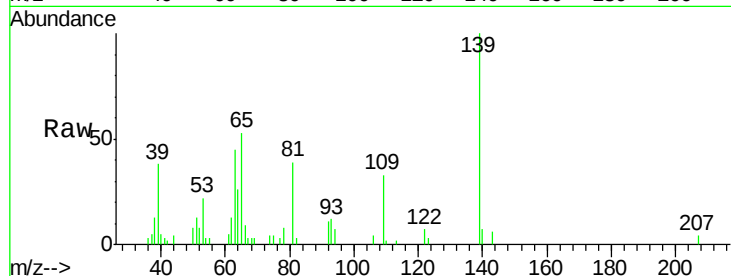




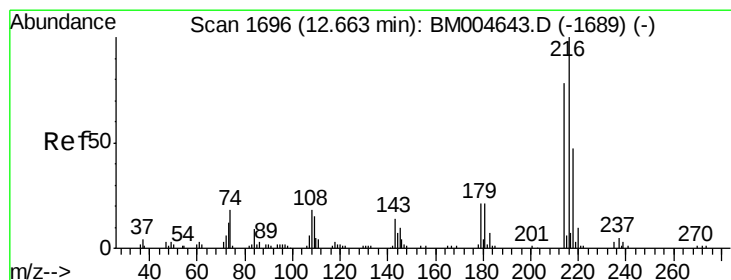
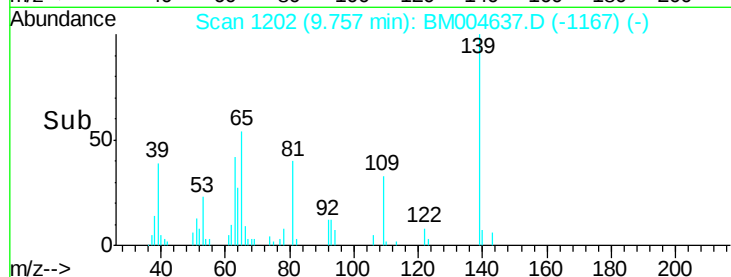
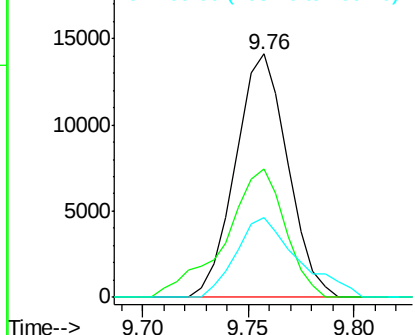
#23
2-Nitrophenol
Concen: 10.33 ng/ul
RT: 9.76 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004637.D
Acq: 16 Mar 2016 15:39

Instrument :
BNA_M
ClientSampleId :
C0AA4

Tgt Ion:139 Resp: 24161
Ion Ratio Lower Upper
139 100
65 52.9 36.3 54.5
109 32.7 26.4 39.6

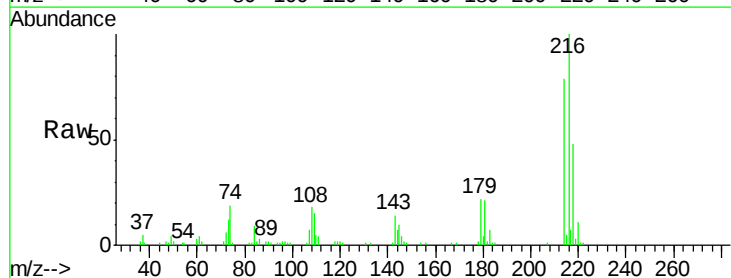


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 109.00 (108.70 to 109.70): E

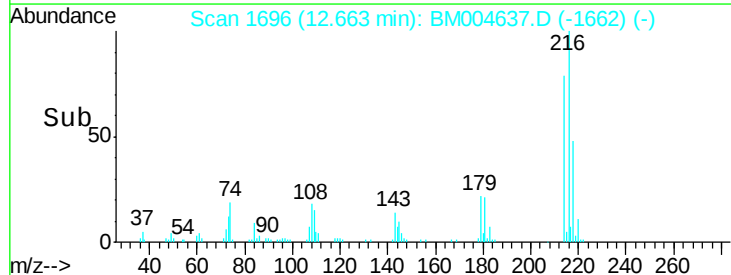
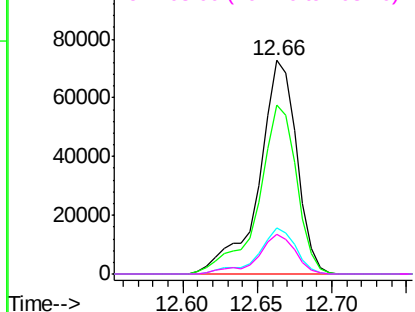


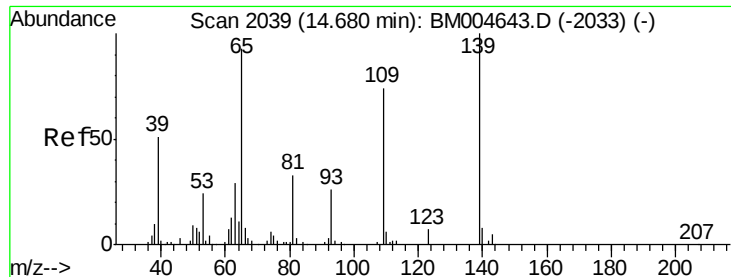
#37
1,2,4,5-Tetrachlorobenzene
Concen: 27.26 ng/ul
RT: 12.66 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM004637.D
Acq: 16 Mar 2016 15:39

Tgt Ion:216 Resp: 128115
Ion Ratio Lower Upper
216 100
214 79.0 62.5 93.7
179 21.5 18.2 27.2
108 18.4 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





#53

4-Nitrophenol

Concen: 1.43 ng/uL

RT: 14.67 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BM004637.D

Acq: 16 Mar 2016 15:39

Instrument :

BNA_M

ClientSampled :

C0AA4

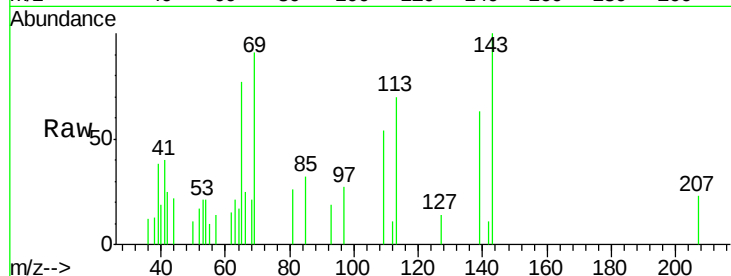
Tgt Ion:109 Resp: 2583

Ion Ratio Lower Upper

109 100

139 117.1 103.7 155.5

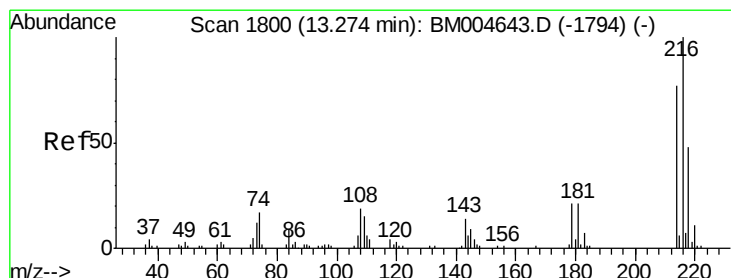
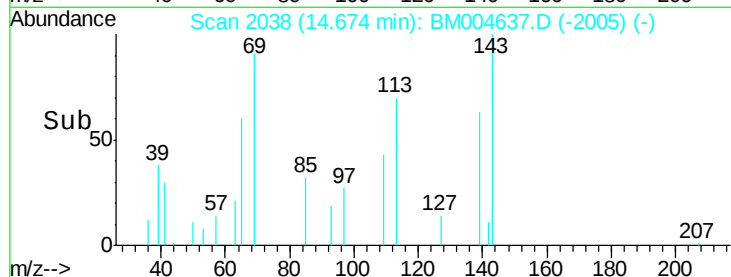
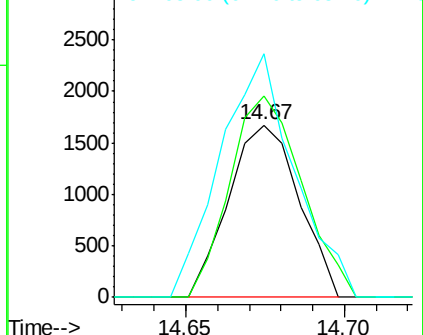
65 141.4 89.4 134.2#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#73

1,2,3,4-Tetrachlorobenzene

Concen: 81.54 ng/uL

RT: 13.27 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BM004637.D

Acq: 16 Mar 2016 15:39

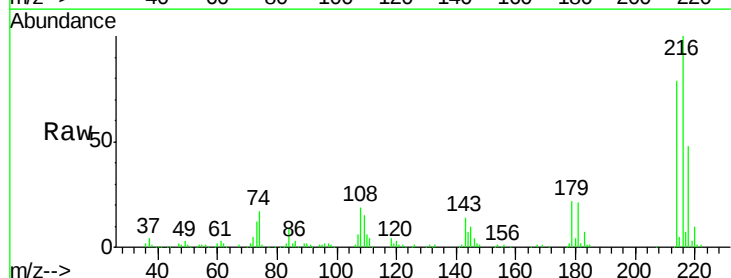
Tgt Ion:216 Resp: 360523

Ion Ratio Lower Upper

216 100

214 78.6 62.5 93.7

218 47.9 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

