

Data File : H:\VOL1\GCMSDATA\J\120426\BJ000804.D  
 Acq On : 26 Apr 2012 21:44  
 Sample : D2330-04  
 Misc : WATER BNA J HLM  
 MS Integration Params: rteint.p  
 Quant Time: Apr 27 11:32 2012

Vial: 20  
 Operator: HLM  
 Inst : BNA J  
 Multiplr: 1.00

Quant Results File: BJ042612.RES

Quant Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)  
 Title : CWA degradation products by GCMS  
 Last Update : Fri Apr 27 11:32:02 2012  
 Response via : Initial Calibration  
 DataAcq Meth : CWAJ

| Internal Standards        | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 4.75 | 152  | 248831   | 2.00 | ug/mL | -0.01    |
| 6) Naphthalene-d8         | 6.06 | 136  | 1060626  | 2.00 | ug/mL | 0.00     |

#### System Monitoring Compounds

|                        |       |       |          |          |       |         |
|------------------------|-------|-------|----------|----------|-------|---------|
| 10) Tripropylphosphate | 7.11  | 99    | 179423   | 0.50     | ug/mL | 0.01    |
| Spiked Amount          | 0.500 | Range | 70 - 130 | Recovery | =     | 100.00% |
| 12) 2-Bromothioanisole | 7.35  | 204   | 278029   | 4.00     | ug/mL | 0.00    |
| Spiked Amount          | 5.000 | Range | 70 - 130 | Recovery | =     | 80.00%  |

#### Target Compounds

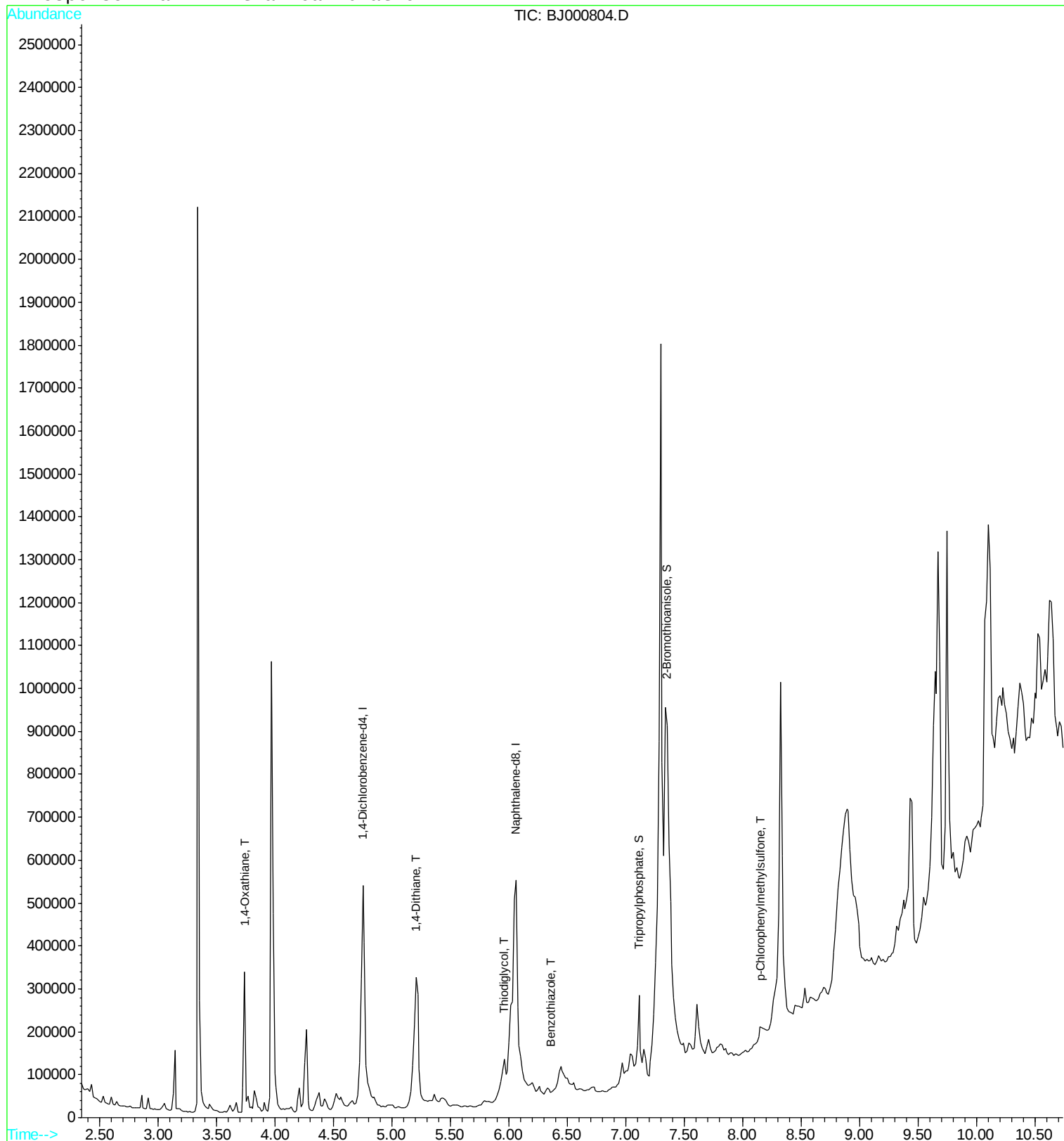
|                                | R.T. | QIon | Response | Conc | Units  | Ovalue |
|--------------------------------|------|------|----------|------|--------|--------|
| 5) 1,4-Oxathiane               | 3.74 | 46   | 103300   | 1.17 | ug/mL  | 97     |
| 7) 1,4-Dithiane                | 5.21 | 46   | 125872   | 1.80 | ug/mL  | 92     |
| 8) Thiodiqlvcol                | 5.96 | 61   | 13273    | 1.90 | ug/mL# | 1      |
| 9) Benzothiazole               | 6.36 | 135  | 8806     | 0.03 | ug/mL# | 1      |
| 14) p-Chlorophenylmethylsulfon | 8.15 | 111  | 7388     | 0.05 | ug/mL# | 63     |

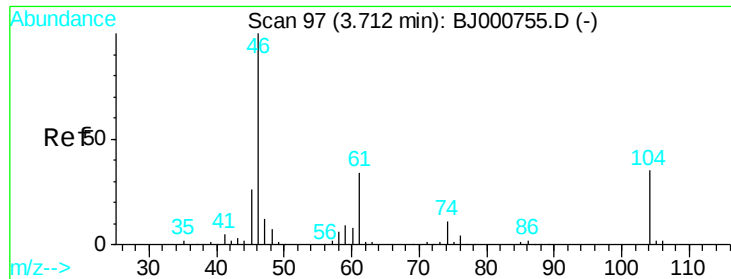
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Vial: 20  
Operator: HLM  
Inst : BNA J  
Multiplr: 1.00

Quant Results File: BJ042612.RES

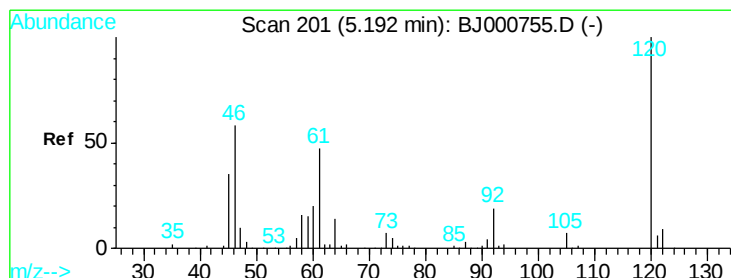
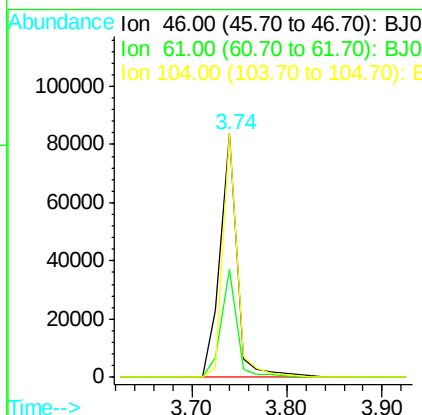
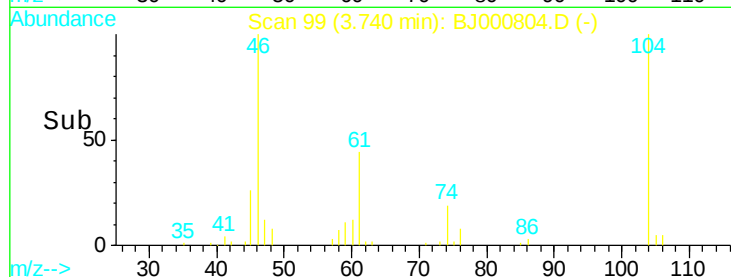
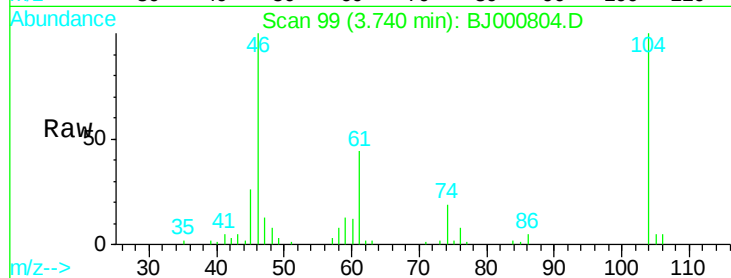
Method : H:\VOL1\GCMSDATA\J\METHODS\BJ042612.M (RTE Integrator)  
Title : CWA degradation products by GCMS  
Last Update : Fri Apr 27 11:32:02 2012  
Response via : Initial Calibration





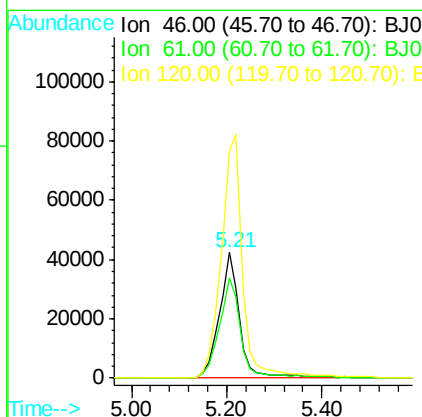
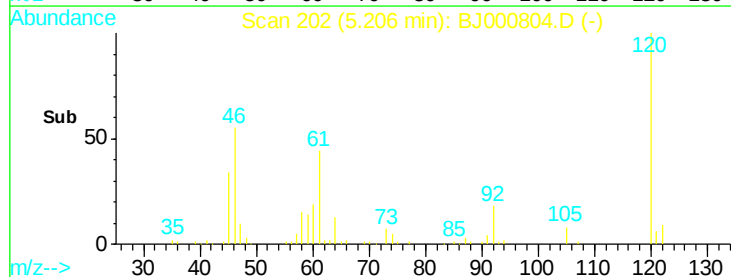
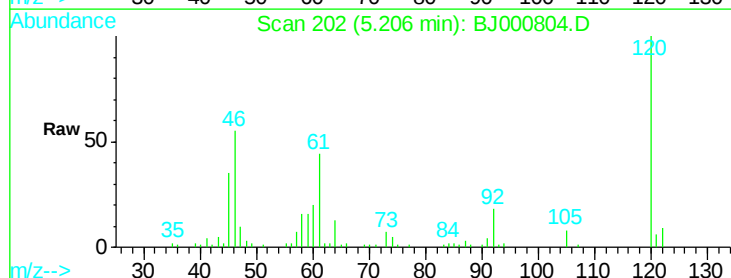
#5  
 1,4-Oxathiane  
 Concen: 1.17 ug/mL  
 RT: 3.74 min Scan# 99  
 Delta R.T. 0.00 min  
 Lab File: BJ000804.D  
 Acq: 26 Apr 2012 21:44

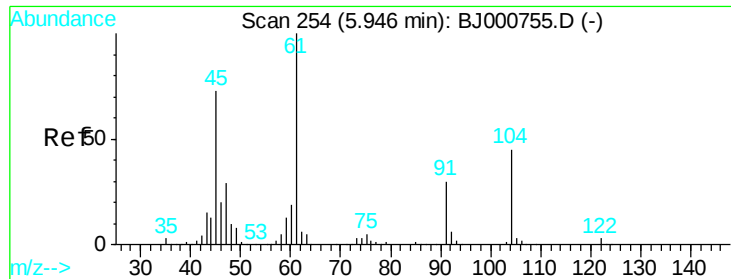
Tgt Ion: 46 Resp: 103300  
 Ion Ratio Lower Upper  
 46 100  
 61 44.3 23.6 63.6  
 104 100.0 76.3 116.3



#7  
 1,4-Dithiane  
 Concen: 1.80 ug/mL  
 RT: 5.21 min Scan# 202  
 Delta R.T. 0.00 min  
 Lab File: BJ000804.D  
 Acq: 26 Apr 2012 21:44

Tgt Ion: 46 Resp: 125872  
 Ion Ratio Lower Upper  
 46 100  
 61 79.9 60.3 100.3  
 120 181.3 146.0 186.0





#8

Thiodiglycol

Concen: 1.90 ug/mL

RT: 5.96 min Scan# 255

Delta R.T. -0.01 min

Lab File: BJ000804.D

Acq: 26 Apr 2012 21:44

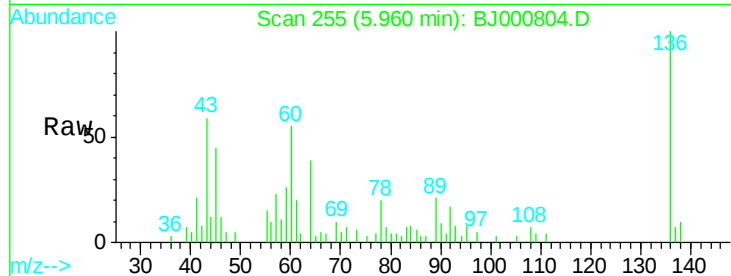
Tgt Ion: 61 Resp: 13273

Ion Ratio Lower Upper

61 100

45 224.3 50.6 90.6#

47 26.8 8.3 48.3

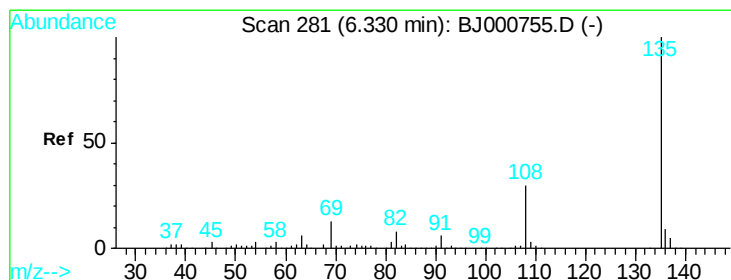
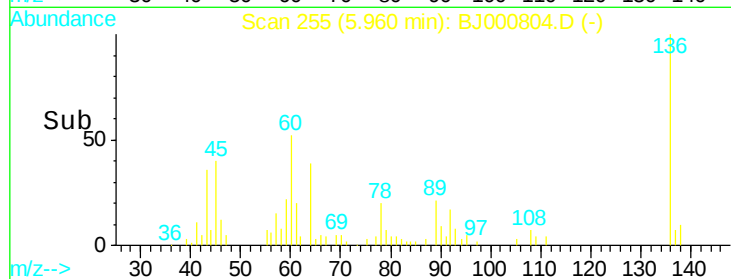
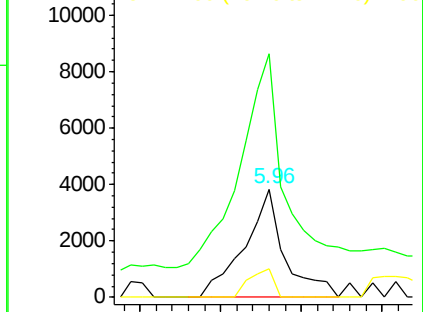


Abundance

Ion 61.00 (60.70 to 61.70): BJ0

Ion 45.00 (44.70 to 45.70): BJ0

Ion 47.00 (46.70 to 47.70): BJ0



#9

Benzothiazole

Concen: 0.03 ug/mL

RT: 6.36 min Scan# 283

Delta R.T. 0.01 min

Lab File: BJ000804.D

Acq: 26 Apr 2012 21:44

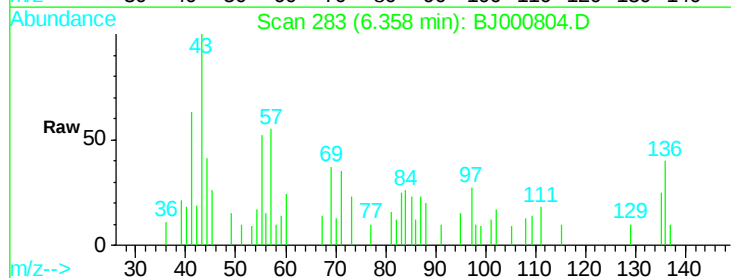
Tgt Ion: 135 Resp: 8806

Ion Ratio Lower Upper

135 100

108 54.0 11.1 51.1#

69 149.7 0.0 34.6#

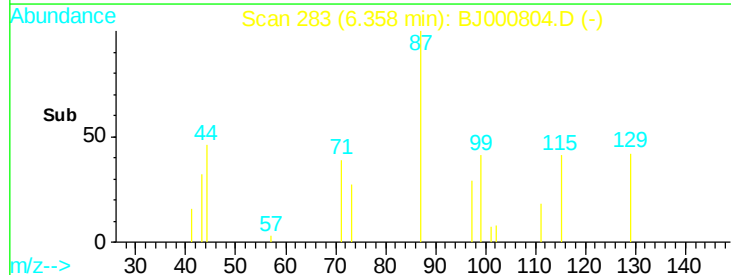
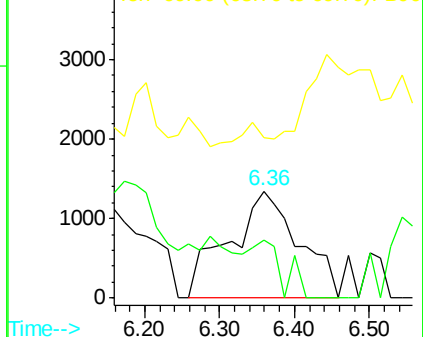


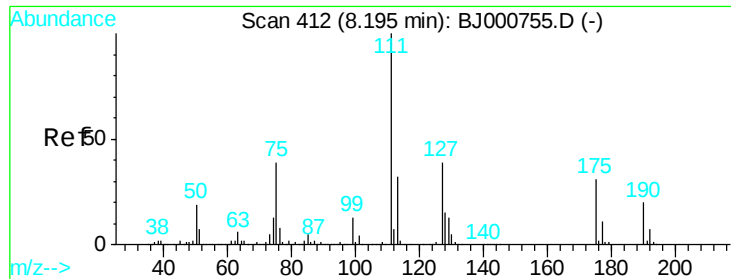
Abundance

Ion 135.00 (134.70 to 135.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 69.00 (68.70 to 69.70): BJ0





#14  
 p-Chlorophenylmethylsulfone  
 Concen: 0.05 ug/mL  
 RT: 8.15 min Scan# 409  
 Delta R.T. -0.07 min  
 Lab File: BJ000804.D  
 Acq: 26 Apr 2012 21:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 111   | Resp: | 7388  |
| Ion Ratio | Lower | Upper |       |
| 111       | 100   |       |       |
| 75        | 15.3  | 12.8  | 52.8  |
| 127       | 22.8  | 21.9  | 61.9  |
| 190       | 0.0   | 7.7   | 47.7# |

