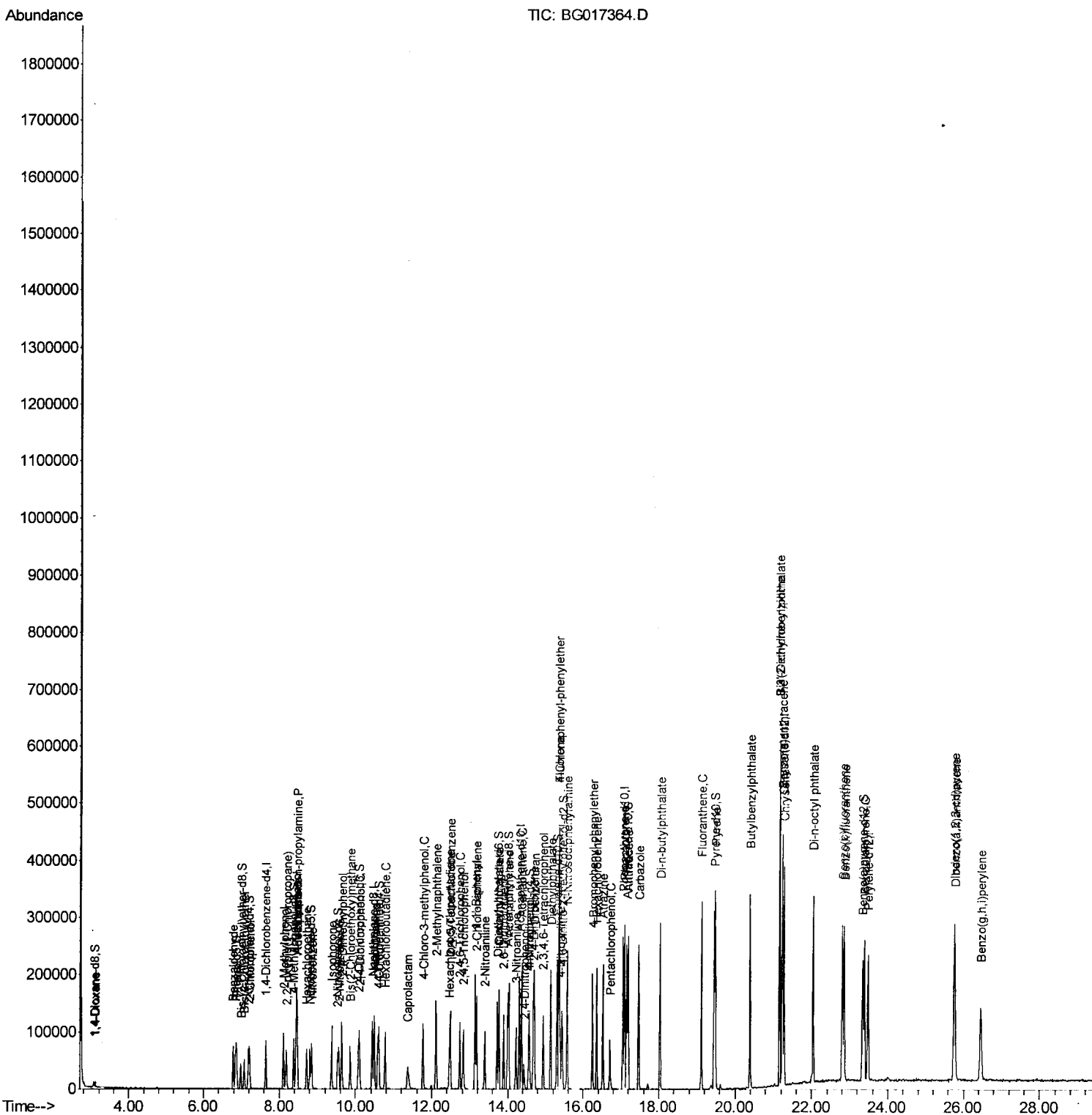


Data Path : Z:\HPCHEM1\BNA\_G\Data\BG053115\  
 Data File : BG017364.D  
 Acq On : 31 May 2015 15:47  
 Operator : TP/IZ  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 01 06:14:38 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 01 06:03:39 2015  
 Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA\_G\Data\BG053115\  
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Quant Time: Jun 01 06:14:38 2015  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 01 06:03:39 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc. | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216  | 33378    | 20.02 | ng/ul  | 92       |
| 37) Hexachlorocyclopentadiene  | 12.46 | 237  | 14056    | 17.14 | ng/ul  | 89       |
| 38) 2,4,6-Trichlorophenol      | 12.74 | 196  | 22164    | 20.08 | ng/ul  | 90       |
| 39) 2,4,5-Trichlorophenol      | 12.82 | 196  | 25262m   | 20.98 | ng/ul  |          |
| 40) 1,1'-Biphenyl              | 13.13 | 154  | 87226    | 20.27 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.18 | 162  | 70324    | 20.40 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.39 | 65   | 27478    | 21.59 | ng/ul  | 87       |
| 44) Dimethylphthalate          | 13.77 | 163  | 93023    | 20.46 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 13.89 | 165  | 20130    | 20.00 | ng/ul# | 94       |
| 47) Acenaphthylene             | 14.02 | 152  | 117361   | 20.60 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.22 | 138  | 20792    | 20.34 | ng/ul# | 93       |
| 49) Acenaphthene               | 14.37 | 153  | 75200    | 20.42 | ng/ul  | 97       |
| 50) 2,4-Dinitrophenol          | 14.43 | 184  | 8759     | 17.12 | ng/ul# | 92       |
| 52) 4-Nitrophenol              | 14.57 | 109  | 18571    | 20.84 | ng/ul  | 92       |
| 53) Dibenzofuran               | 14.70 | 168  | 107600   | 20.59 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 14.68 | 165  | 30671    | 21.01 | ng/ul  | 94       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.94 | 232  | 21379    | 20.29 | ng/ul  | 95       |
| 56) Diethylphthalate           | 15.14 | 149  | 102118   | 21.09 | ng/ul  | 99       |
| 58) Fluorene                   | 15.36 | 166  | 91681    | 20.24 | ng/ul  | 96       |
| 59) 4-Chlorophenyl-phenylether | 15.36 | 204  | 50033    | 20.92 | ng/ul  | 97       |
| 60) 4-Nitroaniline             | 15.38 | 138  | 24182    | 22.75 | ng/ul  | 93       |
| 63) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 18545    | 19.27 | ng/ul  | 100      |
| 64) N-Nitrosodiphenylamine     | 15.57 | 169  | 81160    | 20.39 | ng/ul  | 96       |
| 65) 4-Bromophenyl-phenylether  | 16.25 | 248  | 30308    | 19.95 | ng/ul  | 96       |
| 66) Hexachlorobenzene          | 16.36 | 284  | 31904    | 19.81 | ng/ul  | 93       |
| 67) Atrazine                   | 16.52 | 200  | 34719    | 21.95 | ng/ul# | 88       |
| 68) Pentachlorophenol          | 16.71 | 266  | 13327    | 16.94 | ng/ul  | 93       |
| 69) Phenanthrene               | 17.09 | 178  | 147614   | 20.57 | ng/ul  | 98       |
| 71) Anthracene                 | 17.19 | 178  | 149325   | 20.19 | ng/ul  | 97       |
| 72) Carbazole                  | 17.46 | 167  | 136822   | 20.64 | ng/ul# | 96       |
| 73) Di-n-butylphthalate        | 18.03 | 149  | 186173   | 20.39 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.12 | 202  | 179450   | 20.71 | ng/ul  | 99       |
| 77) Pyrene                     | 19.49 | 202  | 191622   | 20.48 | ng/ul  | 98       |
| 78) Butylbenzylphthalate       | 20.38 | 149  | 85061    | 20.24 | ng/ul  | 98       |
| 79) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 65183    | 20.12 | ng/ul  | 97       |
| 80) Benzo(a)anthracene         | 21.23 | 228  | 177207   | 19.95 | ng/ul  | 97       |
| 81) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 116237   | 19.23 | ng/ul  | 98       |
| 82) Chrysene                   | 21.28 | 228  | 167956   | 20.41 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 22.04 | 149  | 193466   | 19.62 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 22.81 | 252  | 173612   | 19.70 | ng/ul# | 95       |
| 86) Benzo(k)fluoranthene       | 22.85 | 252  | 170111   | 20.56 | ng/ul  | 98       |
| 88) Benzo(a)pyrene             | 23.38 | 252  | 165887   | 19.91 | ng/ul  | 97       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.76 | 276  | 188349   | 20.07 | ng/ul  | 98       |
| 90) Dibenzo(a,h)anthracene     | 25.77 | 278  | 159715   | 19.98 | ng/ul  | 96       |
| 91) Benzo(g,h,i)perylene       | 26.45 | 276  | 153047   | 19.52 | ng/ul  | 99       |

T.P.  
 06/01/2015

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

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 Data File : BG017364.D  
 Acq On : 31 May 2015 15:47  
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 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 01 06:14:38 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 01 06:03:39 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 18110    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 83743    | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 57428    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.05 | 188  | 135019   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.24 | 240  | 149452   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.48 | 264  | 146257   | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.06  | 96  | 3094   | 8.11  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.84  | 99  | 30478  | 19.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.98  | 67  | 18666  | 20.46 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 25547  | 20.65 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 27127  | 20.74 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 12576  | 19.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 15540  | 20.13 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 27307  | 20.12 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.58 | 131 | 37990  | 24.38 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 85330  | 20.84 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.99 | 160 | 108397 | 20.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 16373  | 20.96 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.30 | 176 | 81684  | 20.70 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 18267  | 19.33 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.15 | 188 | 128397 | 20.30 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.45 | 212 | 150288 | 20.77 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 130867 | 20.04 | ng/ul | 0.00 |

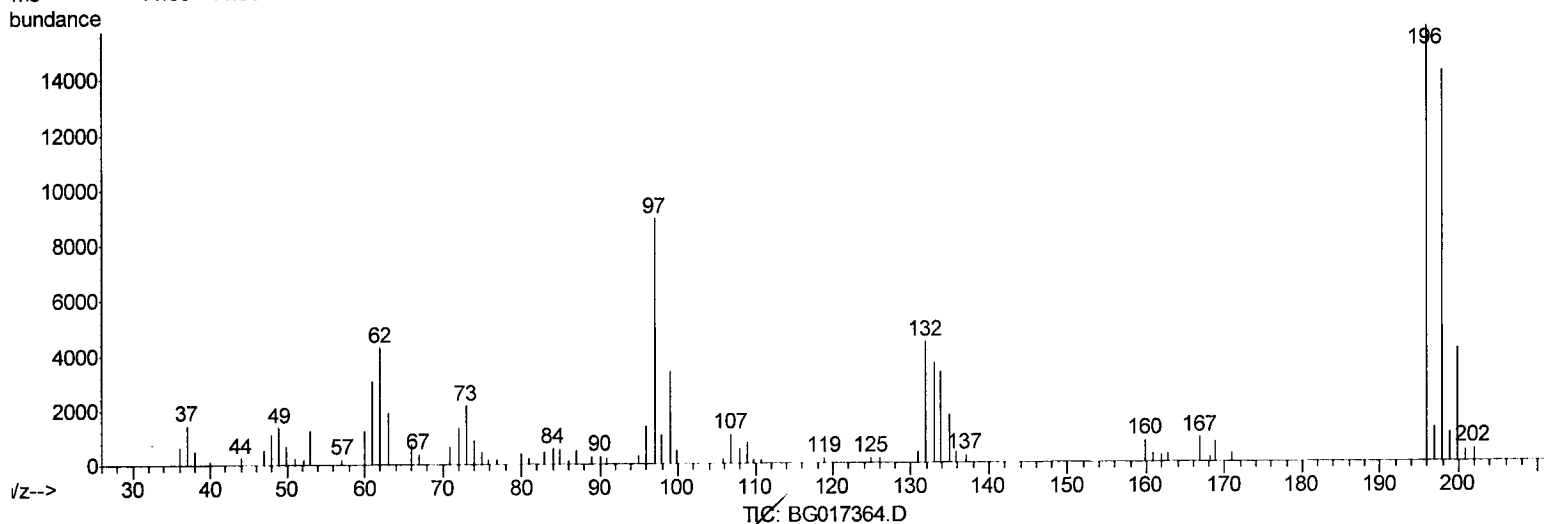
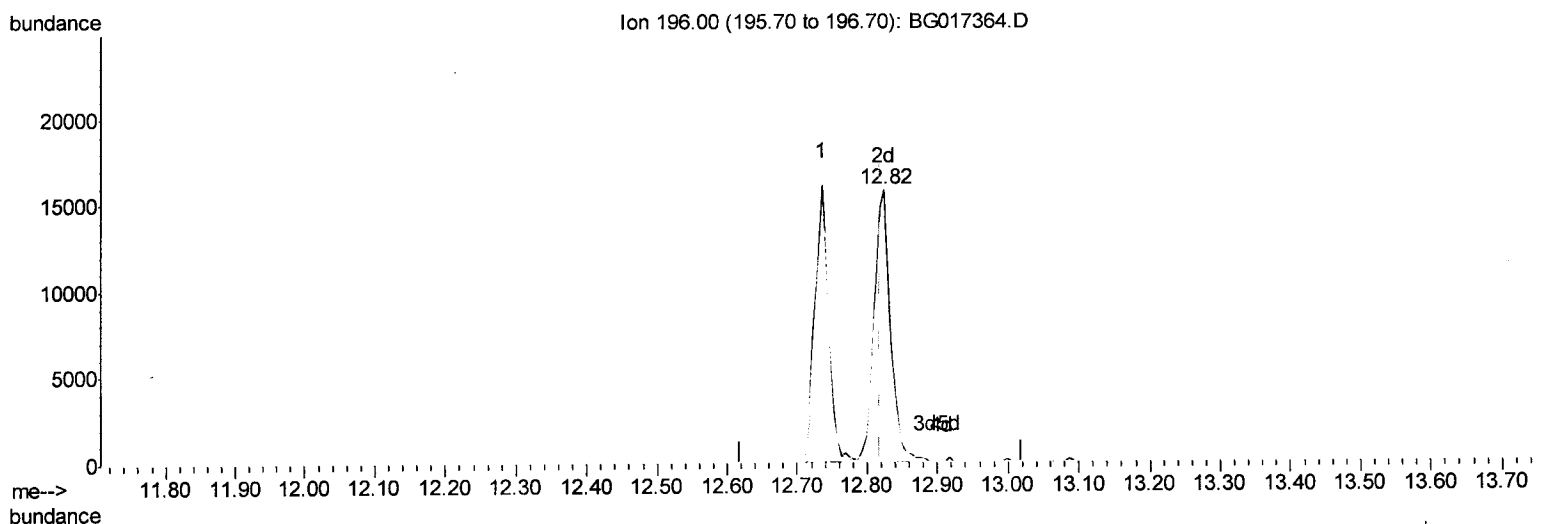
#### Target Compounds

|                                |       |     |        |              | Qvalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.10  | 88  | 3950   | 9.13 ng/uL#  | 1      |
| 4) Benzaldehyde                | 6.78  | 77  | 22787  | 27.28 ng/ul  | 97     |
| 6) Phenol                      | 6.87  | 94  | 33471  | 20.89 ng/ul  | 92     |
| 8) Bis(2-Chloroethyl)ether     | 7.07  | 93  | 25828  | 21.39 ng/ul  | 95     |
| 10) 2-Chlorophenol             | 7.22  | 128 | 25070  | 20.36 ng/ul  | 97     |
| 11) 2-Methylphenol             | 8.11  | 108 | 26439  | 20.49 ng/ul  | 87     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.19  | 45  | 47116  | 22.84 ng/ul  | 97     |
| 14) Acetophenone               | 8.47  | 105 | 42639  | 20.68 ng/ul  | 97     |
| 15) N-Nitroso-di-n-propylamine | 8.45  | 70  | 25068  | 21.17 ng/ul  | 94     |
| 16) 4-Methylphenol             | 8.44  | 108 | 28823  | 20.48 ng/ul  | 90     |
| 17) Hexachloroethane           | 8.72  | 117 | 12366  | 21.81 ng/ul# | 88     |
| 20) Nitrobenzene               | 8.85  | 77  | 36667  | 21.11 ng/ul  | 93     |
| 21) Isophorone                 | 9.37  | 82  | 66953  | 20.68 ng/ul  | 96     |
| 23) 2-Nitrophenol              | 9.56  | 139 | 16747  | 21.53 ng/ul  | 97     |
| 24) 2,4-Dimethylphenol         | 9.63  | 107 | 35457  | 20.95 ng/ul  | 91     |
| 25) Bis(2-Chloroethoxy)methane | 9.86  | 93  | 35000  | 20.51 ng/ul  | 99     |
| 27) 2,4-Dichlorophenol         | 10.10 | 162 | 27253  | 20.77 ng/ul  | 96     |
| 28) Naphthalene                | 10.48 | 128 | 89345  | 21.03 ng/ul  | 98     |
| 30) 4-Chloroaniline            | 10.60 | 127 | 37713  | 24.04 ng/ul  | 99     |
| 31) Hexachlorobutadiene        | 10.77 | 225 | 18132  | 20.69 ng/ul  | 97     |
| 32) Caprolactam                | 11.36 | 113 | 12434m | 21.23 ng/ul  |        |
| 33) 4-Chloro-3-methylphenol    | 11.76 | 107 | 32995  | 20.87 ng/ul  | 89     |
| 34) 2-Methylnaphthalene        | 12.11 | 142 | 66452  | 20.75 ng/ul  | 100    |

T. P  
 06/01/2015

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 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 01 06:13:04 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 01 06:03:39 2015  
 Response via : Initial Calibration



(39) 2,4,5-Trichlorophenol

12.823min (+0.004) 20.98ng/ul m

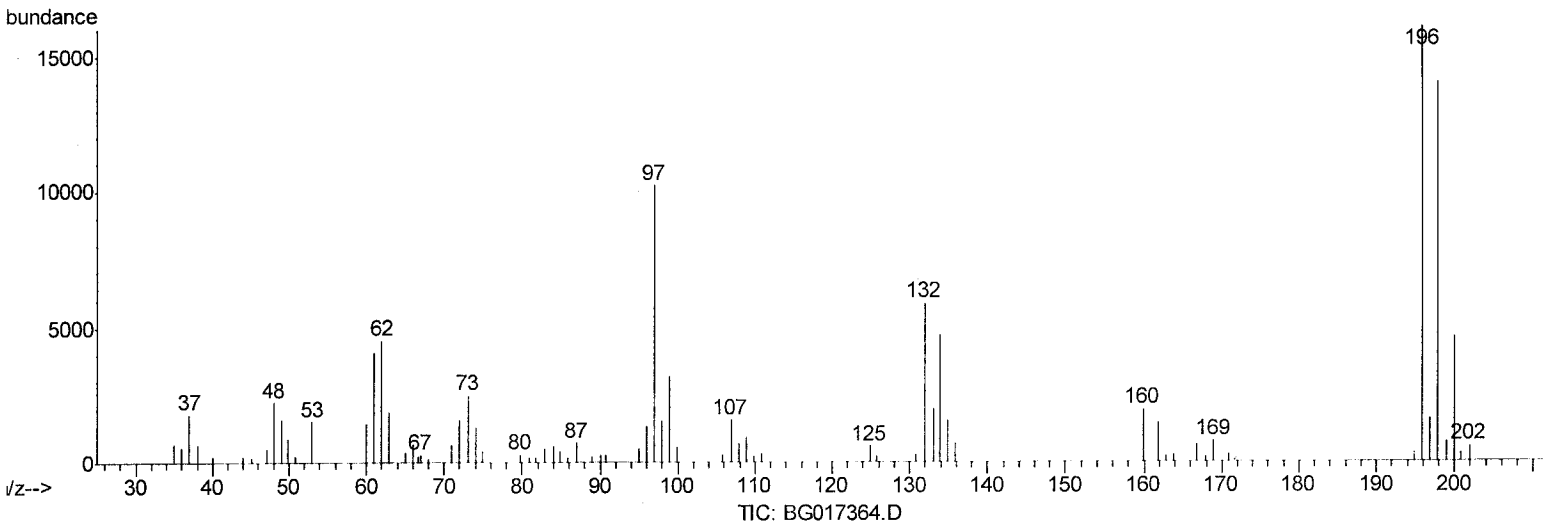
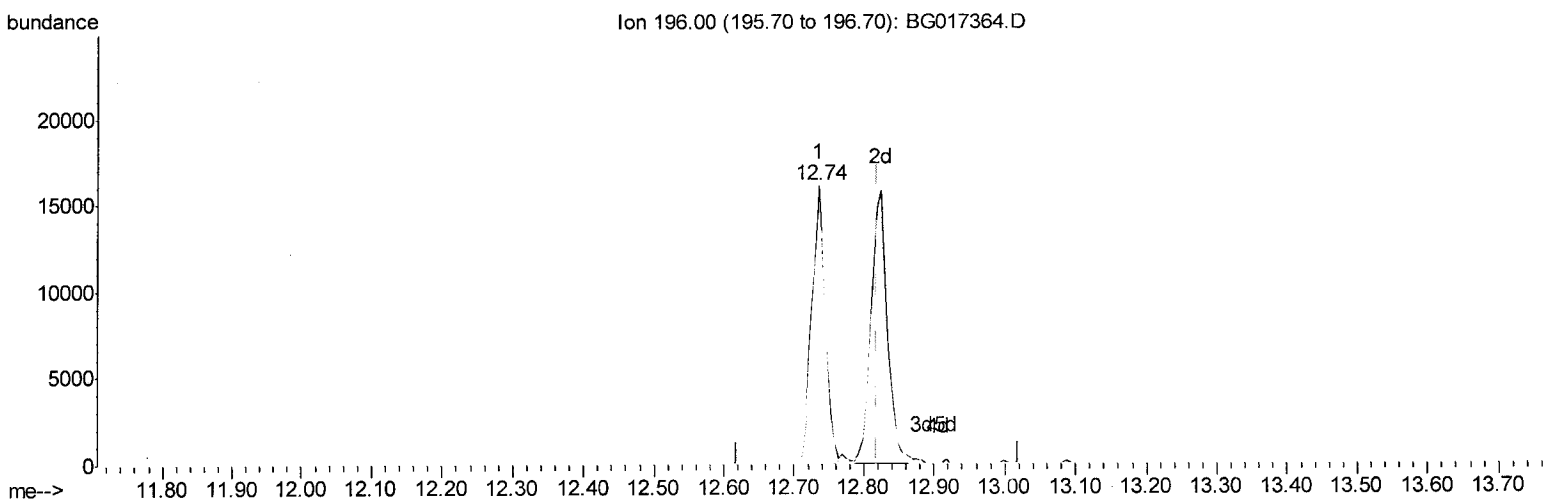
response 25262

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 196.00 | 100    | 100    |
| 198.00 | 104.30 | 89.78  |
| 200.00 | 35.10  | 26.14# |
| 0.00   | 0.00   | 0.00   |

*T.P.*  
*06/01/2015*

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG053115\  
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 QLast Update : Mon Jun 01 06:03:39 2015  
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(39) 2,4,5-Trichlorophenol

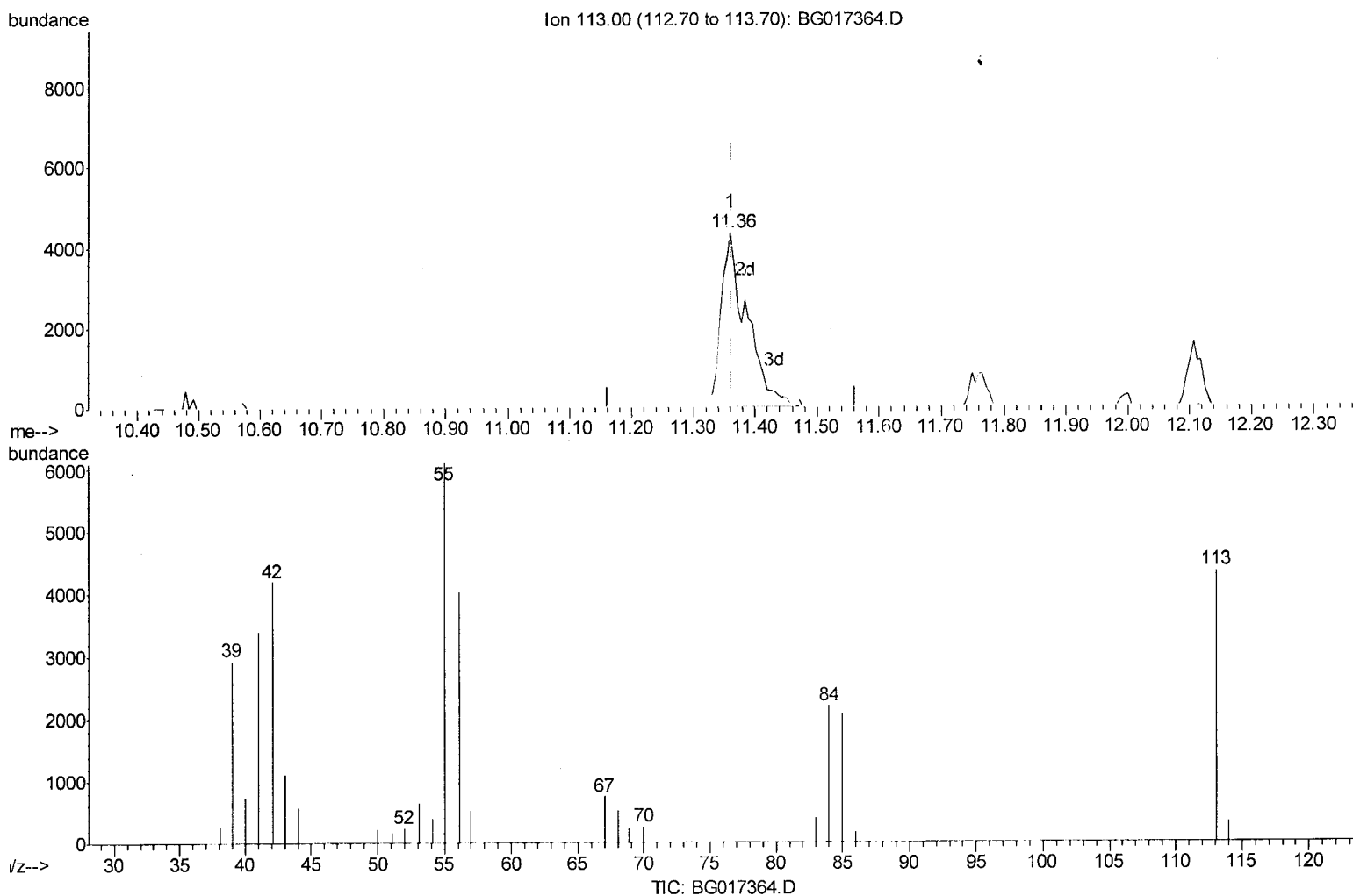
12.735min (-0.084) 18.41ng/ul

response 22164

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 196.00 | 100    | 100   |
| 198.00 | 104.30 | 87.13 |
| 200.00 | 35.10  | 28.72 |
| 0.00   | 0.00   | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG053115\  
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 QLast Update : Mon Jun 01 06:03:39 2015  
 Response via : Initial Calibration



(32) Caprolactam

11.360min (-0.002) 21.23ng/ul m

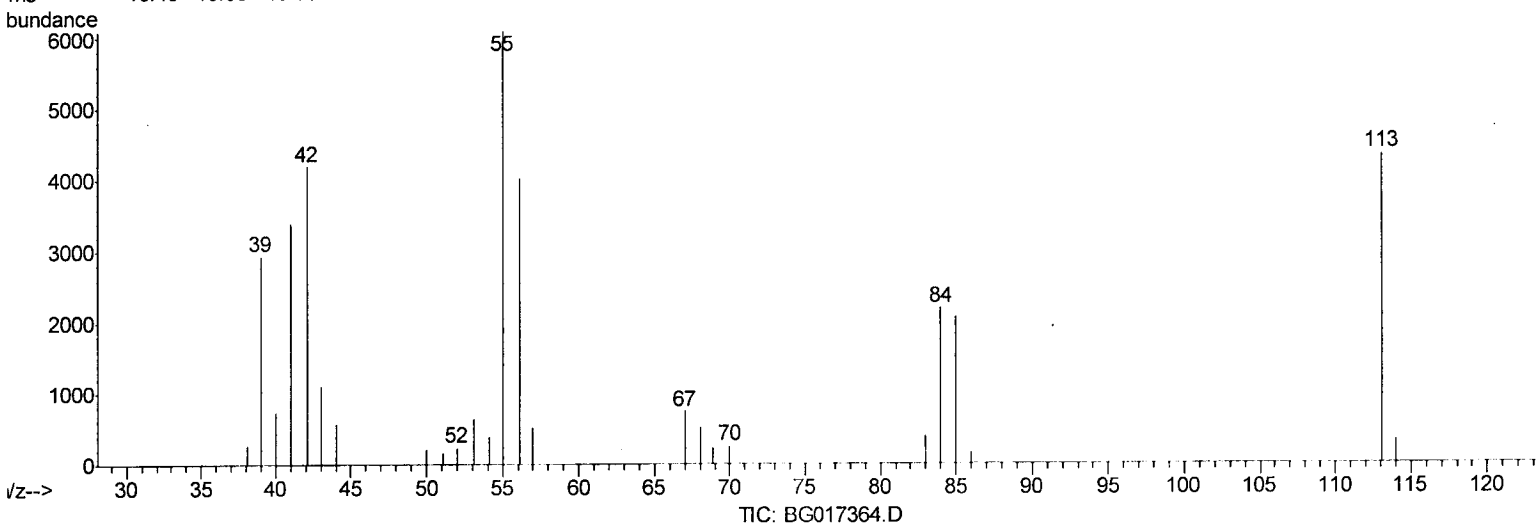
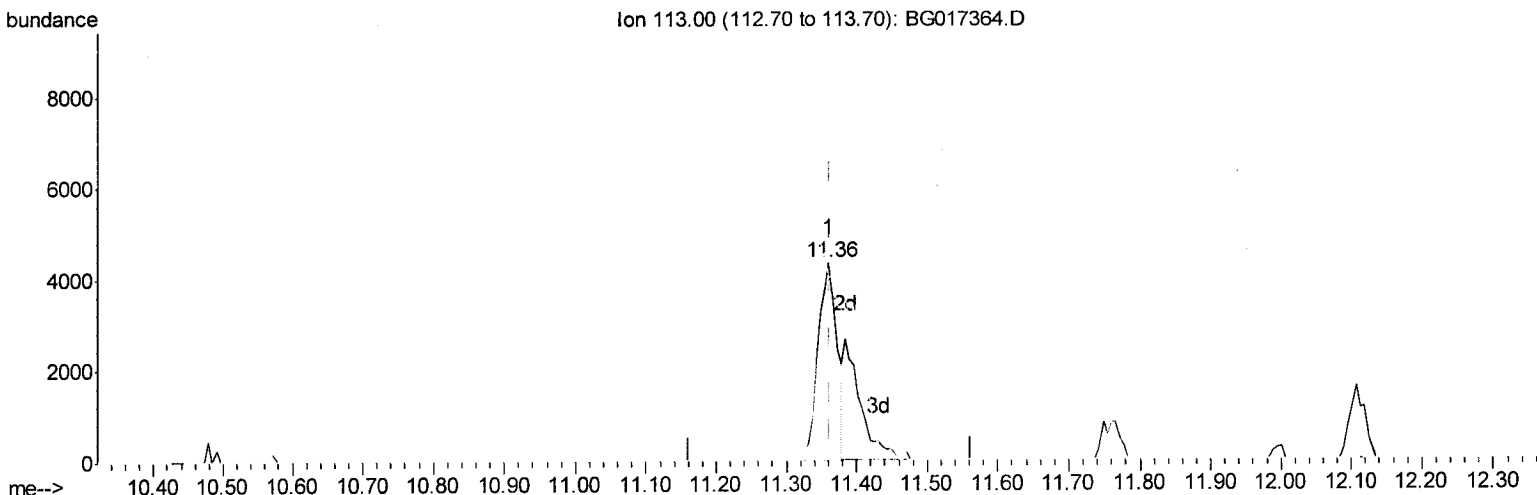
response 12434

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 138.00 | 140.65 |
| 56.00  | 115.10 | 92.75  |
| 0.00   | 0.00   | 0.00   |

*TP*  
*06/01/2015*

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG053115\  
 Data File : BG017364.D  
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 Sample : SSTDCCC020EC  
 Misc :  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 01 06:03:39 2015  
 Response via : Initial Calibration



(32) Caprolactam

11.360min (-0.002) 13.73ng/ul

response 8043

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 138.00 | 140.65 |
| 56.00  | 115.10 | 92.75  |
| 0.00   | 0.00   | 0.00   |