

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081117\  
 Data File : BG028311.D  
 Acq On : 12 Aug 2017 5:31  
 Operator : SJ/JU  
 Sample : I4521-04 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BC8B9

Manual Integrations  
 APPROVED

sohil  
 8/14/2017 6:59:59 PM

Quant Time: Aug 12 06:20:26 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 12 02:00:35 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 62846    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.18 | 136  | 270538   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.96 | 164  | 162771   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.71 | 188  | 365357m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.05 | 240  | 424061m  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.58 | 264  | 429152   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.85  | 96  | 345    | 0.26 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.51  | 99  | 11168  | 1.62 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67  | 9244   | 2.11 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.89  | 132 | 9373   | 2.15 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.05  | 113 | 9078   | 1.57 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.53  | 128 | 4930   | 2.33 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.26 | 143 | 6142   | 2.65 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165 | 9807   | 2.04 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 11.30 | 131 | 67     | 0.01 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.35 | 166 | 37608  | 2.60 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.66 | 160 | 40231  | 2.46 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.19 | 143 | 3235   | 1.41 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.95 | 176 | 31031  | 2.39 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 4408m  | 1.86 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.81 | 188 | 49122  | 2.80 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.09 | 212 | 54406m | 2.50 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.33 | 264 | 48701  | 2.42 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |         |                | Qvalue |
|--------------------------------|-------|-----|---------|----------------|--------|
| 73) Di-n-butylphthalate        | 18.64 | 149 | 359922  | 17.691 ng/ul   | 98     |
| 81) Bis(2-ethylhexyl)phthalate | 21.90 | 149 | 3119744 | 231.444 ng/ul# | 83     |

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

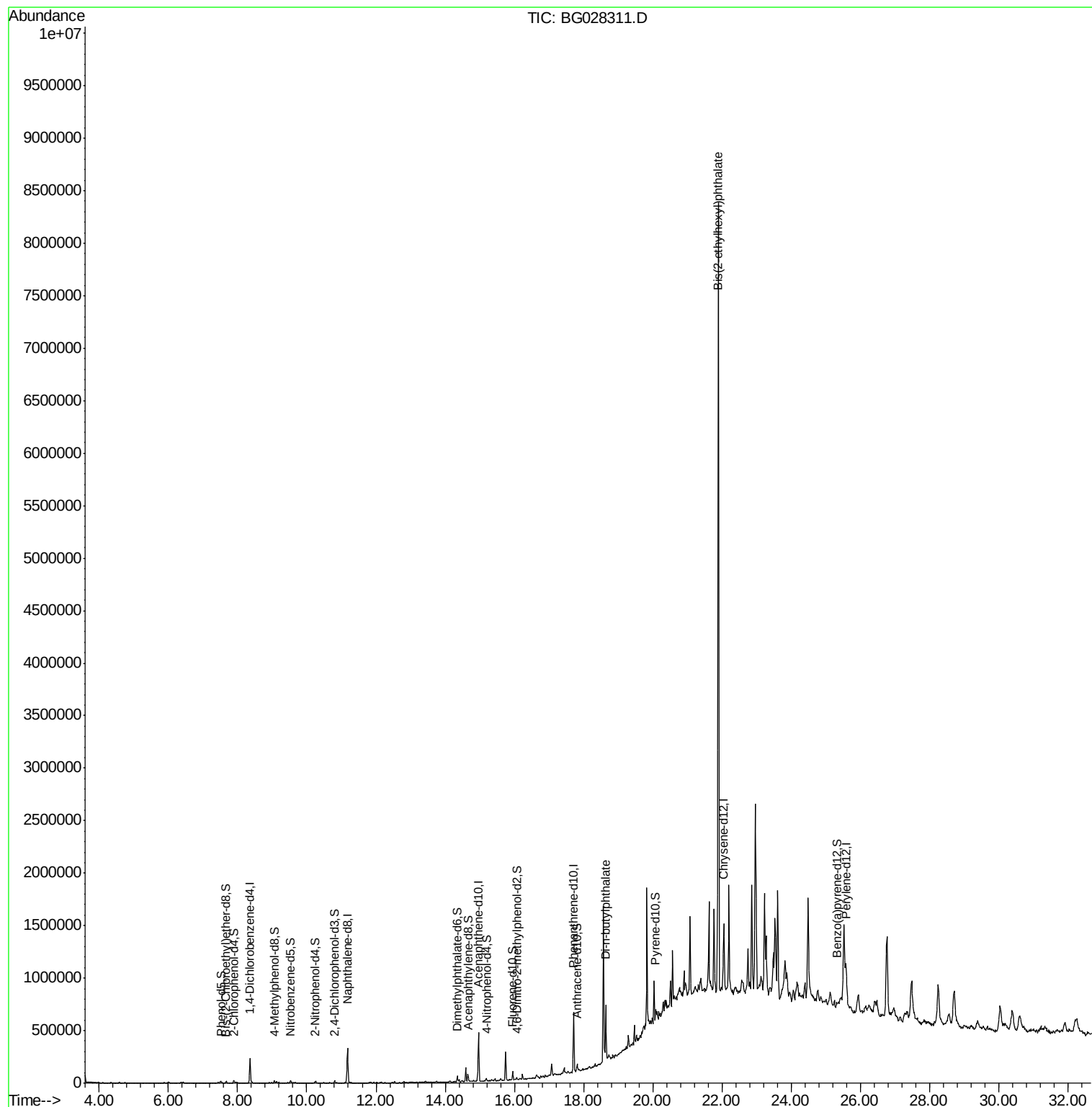
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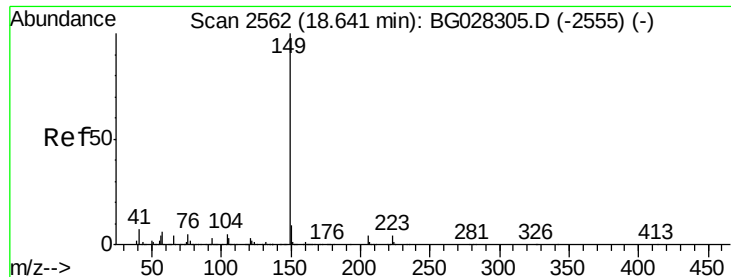
Instrument :  
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QLast Update : Sat Aug 12 02:00:35 2017  
Response via : Initial Calibration





#73

Di-n-butylphthalate

Concen: 17.691 ng/ul

RT: 18.64 min Scan# 2562

Delta R.T. -0.00 min

Lab File: BG028311.D

Acq: 12 Aug 2017 5:31

Instrument :

BNA\_G

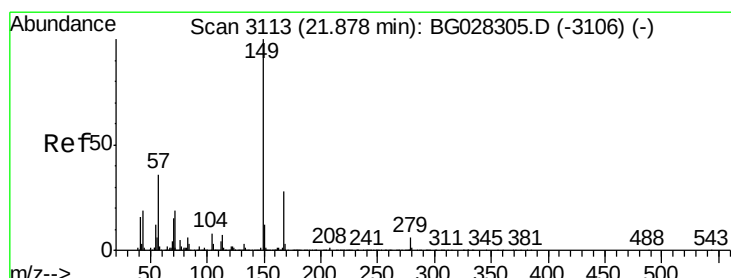
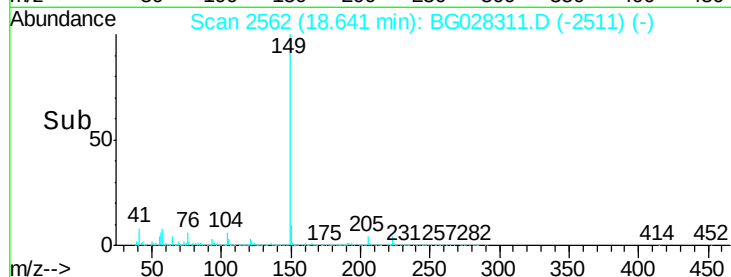
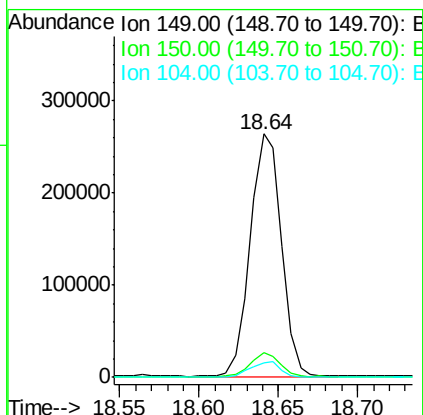
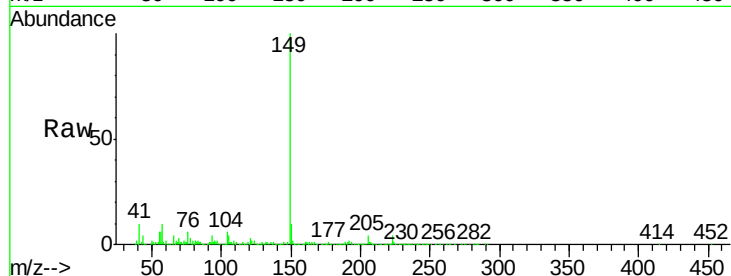
ClientSampleId :

BC8B9

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 359922 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 10.0  | 7.9   | 11.9   |
| 104       | 6.0   | 5.8   | 8.8    |

Manual Integrations  
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#81

Bis(2-ethylhexyl)phthalate

Concen: 231.444 ng/ul

RT: 21.90 min Scan# 3116

Delta R.T. 0.02 min

Lab File: BG028311.D

Acq: 12 Aug 2017 5:31

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 3119744 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 37.0  | 21.8  | 32.8#   |
| 279       | 7.9   | 4.5   | 6.7#    |

