

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\  
 Data File : BG019331.D  
 Acq On : 24 Oct 2015 11:42  
 Operator : UM/NP  
 Sample : G4075-14  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JG9J2

Quant Time: Oct 25 02:59:47 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Oct 25 02:37:52 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.24  | 152  | 44114    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.07 | 136  | 184519   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.86 | 164  | 146739   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.60 | 188  | 408832   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.88 | 240  | 531565   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.28 | 264  | 509674   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.57  | 96  | 4269   | 5.37  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.37  | 99  | 115753 | 29.82 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.55  | 67  | 76203  | 32.87 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.76  | 132 | 73156  | 29.20 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.93  | 113 | 101298 | 33.47 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.41  | 128 | 42000  | 29.97 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.13 | 143 | 48280  | 30.16 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.67 | 165 | 102158 | 29.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.19 | 131 | 114407 | 32.99 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.25 | 166 | 373550 | 30.70 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.55 | 160 | 413498 | 30.71 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.02 | 143 | 63551  | 32.12 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.85 | 176 | 340287 | 29.81 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.95 | 200 | 81921  | 30.44 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.70 | 188 | 592663 | 31.66 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.96 | 212 | 730325 | 31.36 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 25.05 | 264 | 858594 | 33.02 | ng/ul | 0.01 |

## Target Compounds

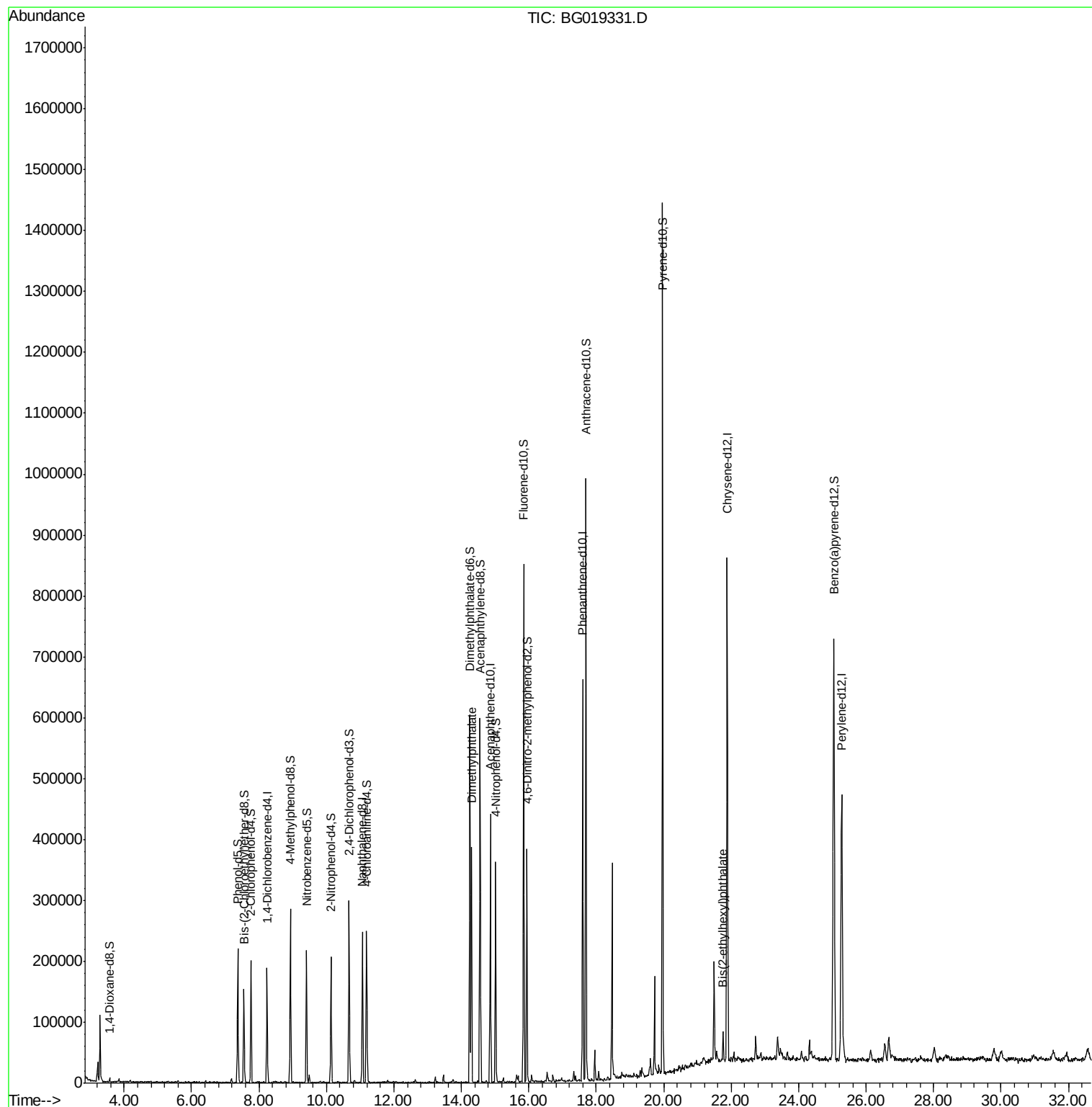
|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 45) Dimethylphthalate          | 14.30 | 163 | 221129 | 18.20 | ng/ul# 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 19612  | 1.55  | ng/ul 97  |

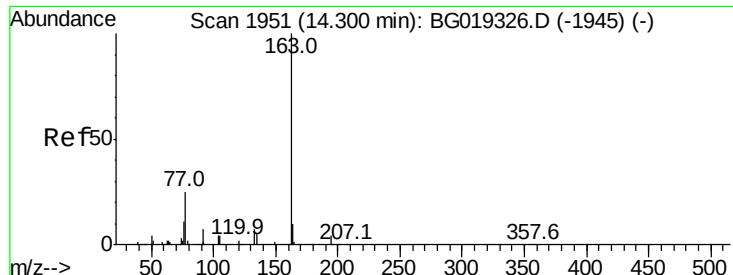
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 18.20 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. 0.00 min

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BNA\_G

ClientSampleId :

JG9J2

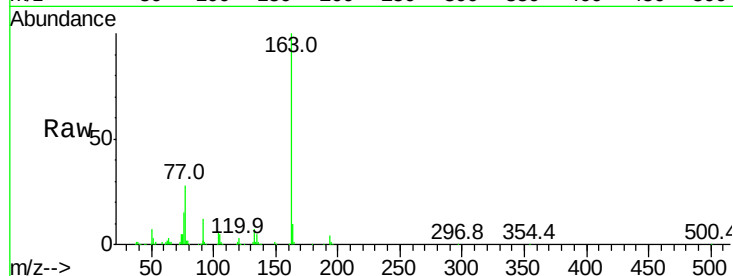
Tot Ion:163 Resp: 221129

Ion Ratio Lower Upper

163 100

194 3.9 4.3 6.5#

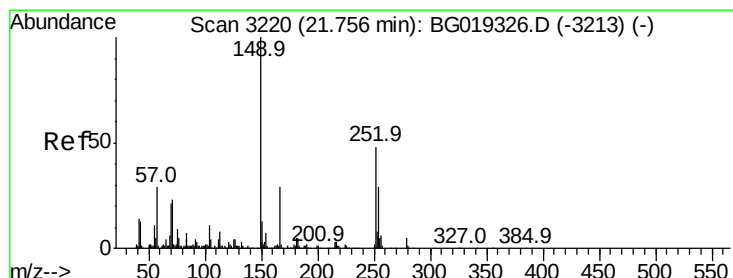
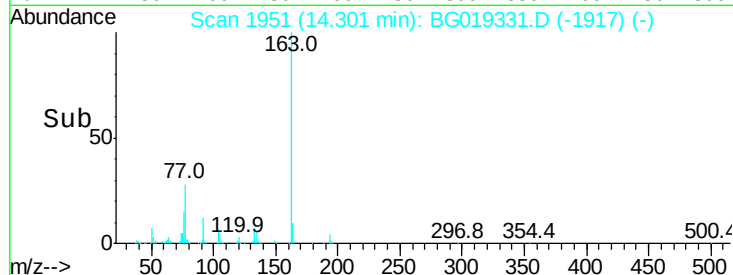
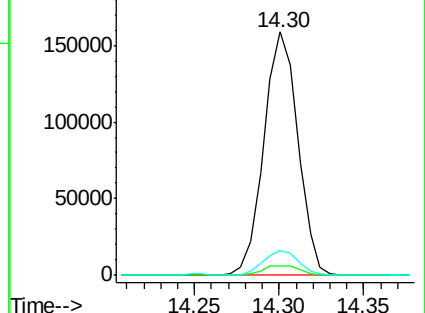
164 10.4 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.55 ng/ul

RT: 21.76 min Scan# 3220

Delta R.T. 0.00 min

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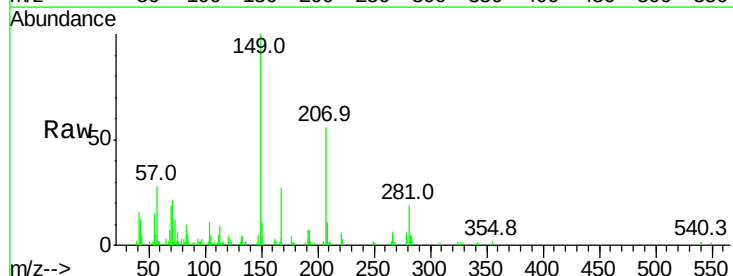
Tgt Ion:149 Resp: 19612

Ion Ratio Lower Upper

149 100

167 26.8 23.2 34.8

279 6.3 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

