

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM070216\  
 Data File : BM006220.D  
 Acq On : 03 Jul 2016 03:44  
 Operator : UM/SJ  
 Sample : H3819-06  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDHW1

Quant Time: Jul 03 05:50:13 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM070216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jul 03 00:59:09 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 382551   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 1768410  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.30 | 164  | 986090   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.05 | 188  | 2016815  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.24 | 240  | 1724854  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.46 | 264  | 1658207  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 18803   | 2.10  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 907378  | 25.33 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 608499  | 28.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.18  | 132 | 703452  | 25.66 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.36  | 113 | 760713  | 26.24 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.80  | 128 | 379692  | 26.94 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.52  | 143 | 408306  | 25.56 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.05 | 165 | 720127  | 24.88 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 991554  | 32.97 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.71 | 166 | 2253648 | 27.39 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.99 | 160 | 2817654 | 27.65 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 348355  | 22.34 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.30 | 176 | 1872825 | 26.40 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 230745  | 19.53 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.14 | 188 | 2673668 | 27.78 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.45 | 212 | 2659577 | 32.33 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.32 | 264 | 2230953 | 28.96 | ng/ul | 0.00 |

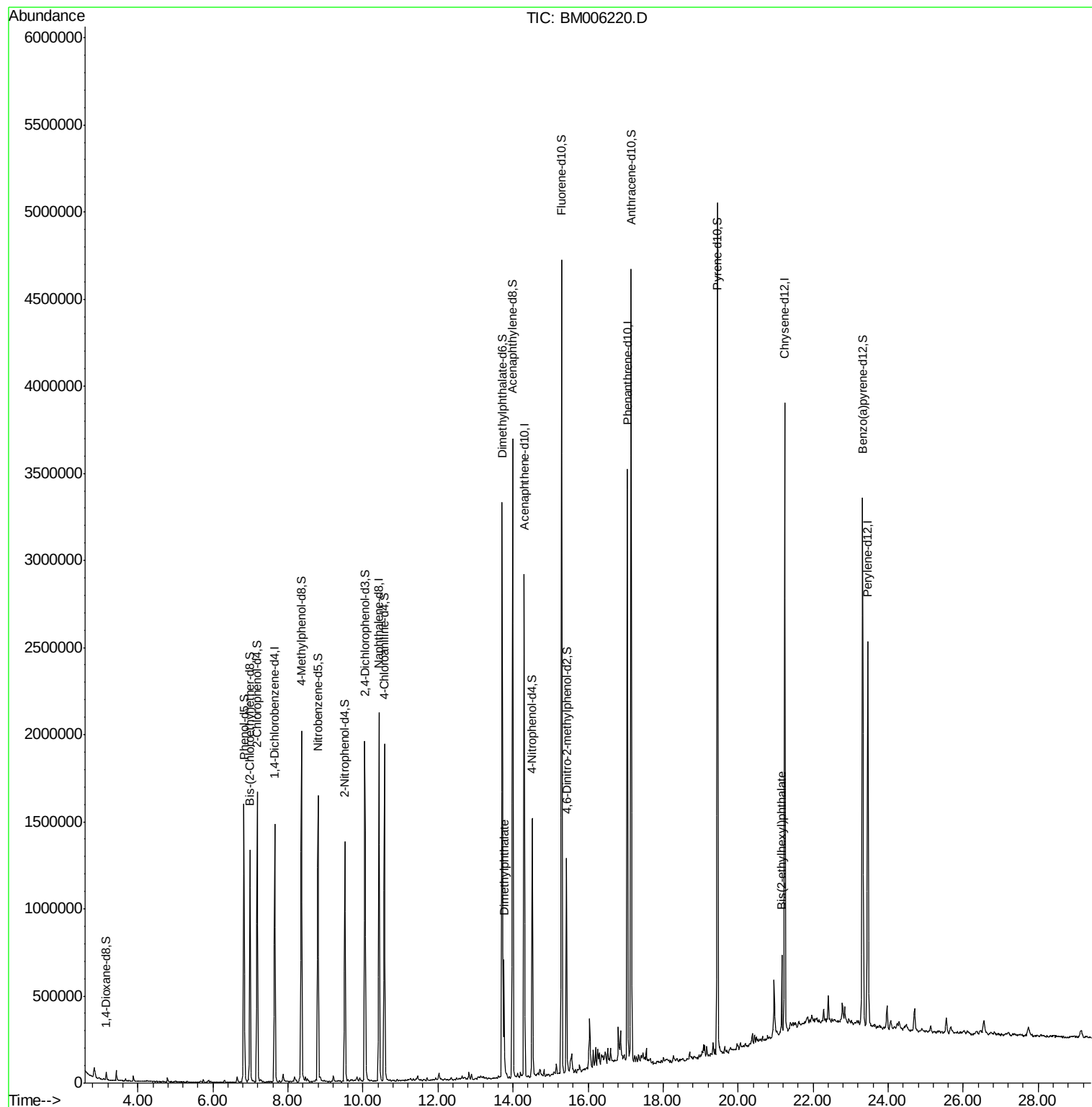
| Target Compounds               |       |     |        |      |       | Qvalue |
|--------------------------------|-------|-----|--------|------|-------|--------|
| 44) Dimethylphthalate          | 13.76 | 163 | 375947 | 4.54 | ng/ul | 99     |
| 81) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 150966 | 2.28 | ng/ul | 99     |

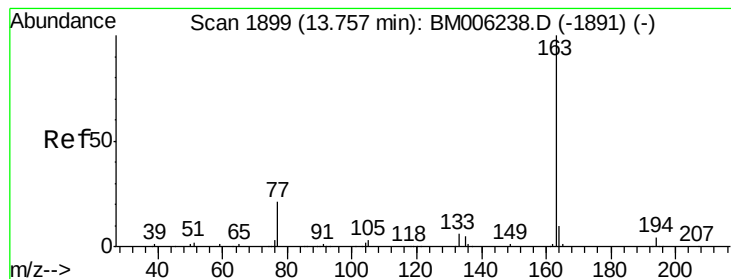
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 4.54 ng/ul

RT: 13.76 min Scan# 1899

Delta R.T. -0.01 min

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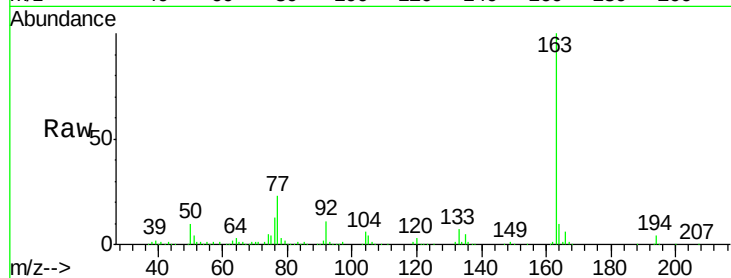
Tgt Ion:163 Resp: 375947

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

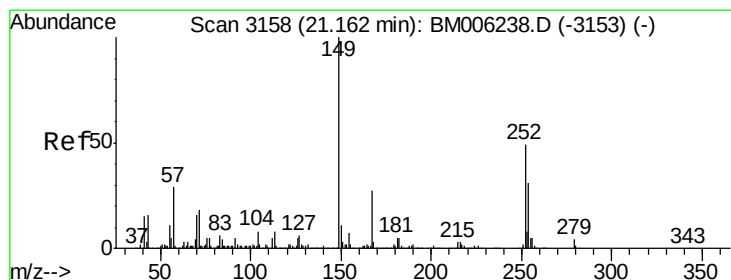
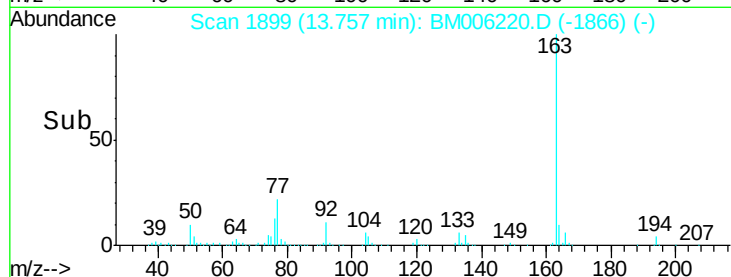
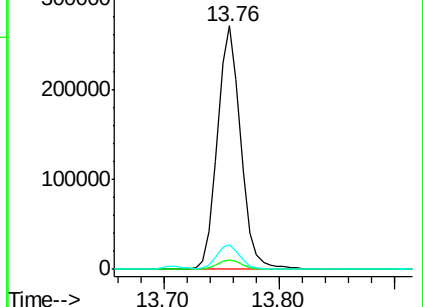
164 10.3 7.8 11.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.28 ng/ul

RT: 21.16 min Scan# 3158

Delta R.T. -0.01 min

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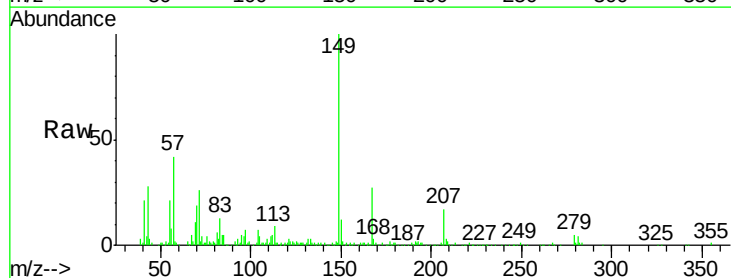
Tgt Ion:149 Resp: 150966

Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

279 4.5 3.1 4.7



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

