

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM072616\  
 Data File : BM006678.D  
 Acq On : 27 Jul 2016 08:23  
 Operator : UM/SJ  
 Sample : H4094-05  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDJD8

Quant Time: Jul 27 11:18:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072616.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 26 15:24:14 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 190701   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 815575   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 460113   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 1081297  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.22 | 240  | 1326546  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.41 | 264  | 1402926  | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96   | 9914     | 2.02  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.79  | 99   | 410238   | 24.47 | ng/ul | -0.01    |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67   | 262217   | 25.47 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.14  | 132  | 325059   | 24.72 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.32  | 113  | 327241   | 24.89 | ng/ul | -0.01    |
| 19) Nitrobenzene-d5            | 8.76  | 128  | 155658   | 24.72 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.48  | 143  | 170704   | 25.09 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165  | 292404   | 23.45 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.53 | 131  | 436999   | 34.49 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.67 | 166  | 926904   | 25.25 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.95 | 160  | 1159142  | 25.11 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.49 | 143  | 113678   | 18.00 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.26 | 176  | 800317   | 25.13 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200  | 90741    | 15.40 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.11 | 188  | 1254972  | 24.87 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.42 | 212  | 1438924  | 23.38 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.28 | 264  | 1574706  | 24.80 | ng/ul | 0.00     |

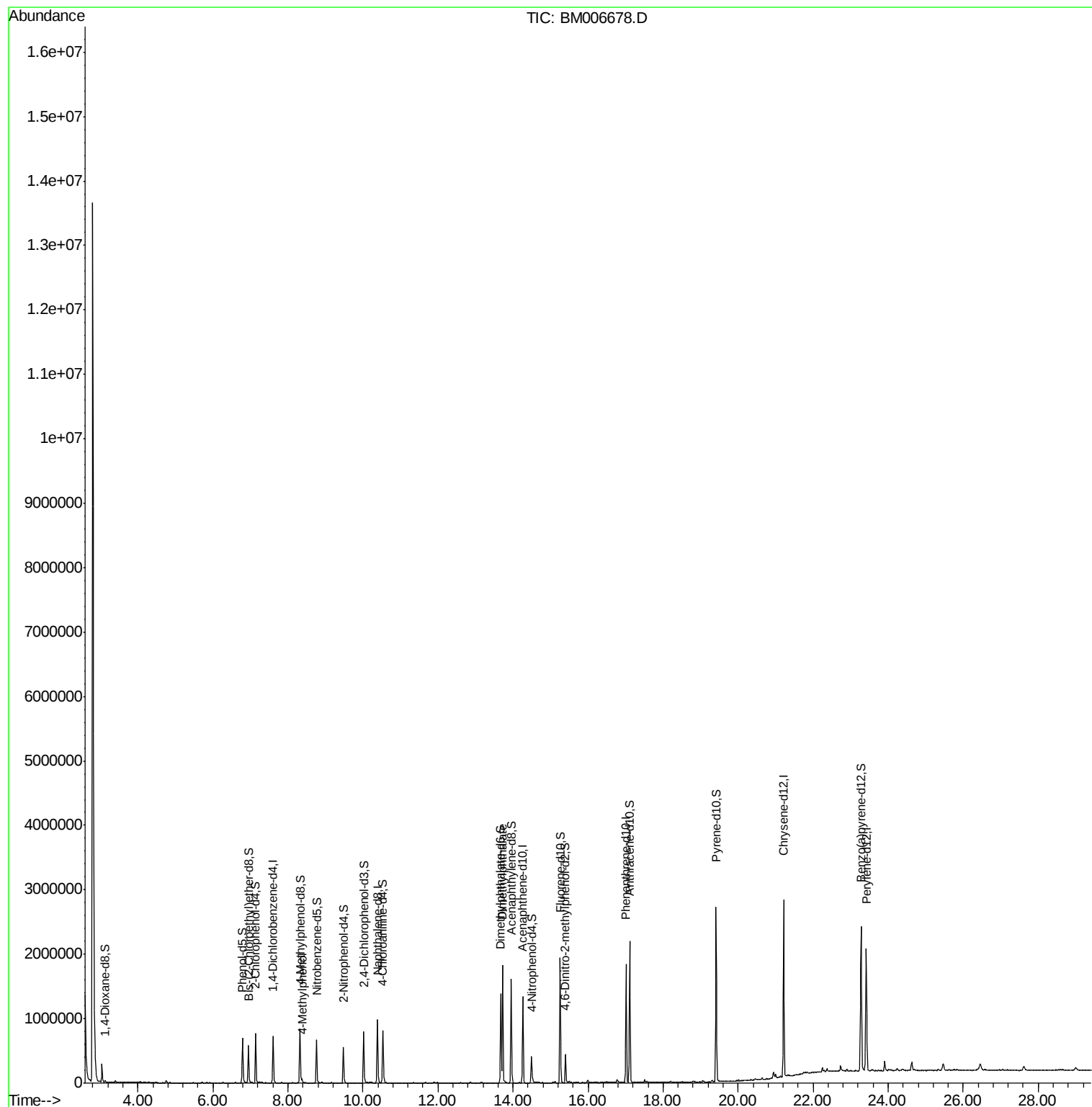
| Target Compounds      | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|-----------------------|-------|------|----------|-------|-------|--------|
| 16) 4-Methylphenol    | 8.37  | 108  | 18724    | 1.33  | ng/ul | 84     |
| 44) Dimethylphthalate | 13.72 | 163  | 1169414  | 31.84 | ng/ul | 100    |

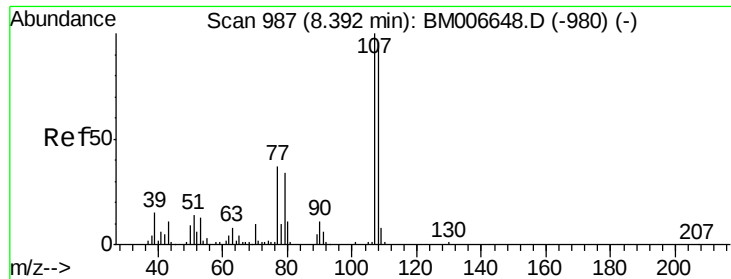
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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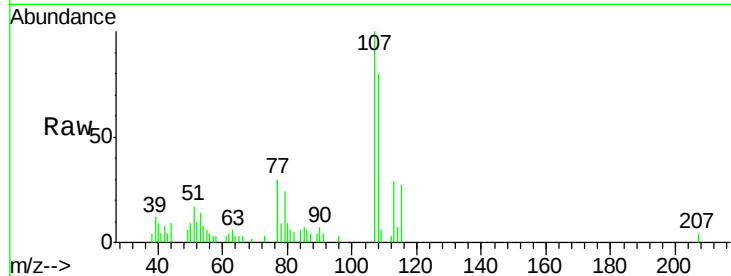




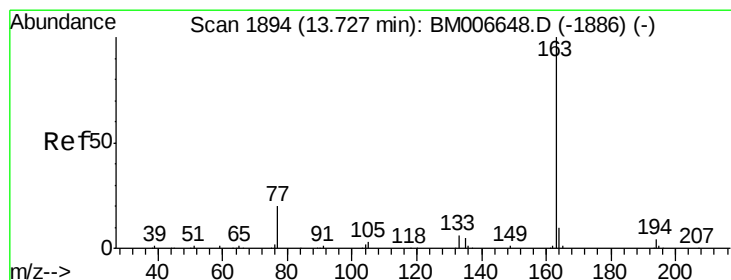
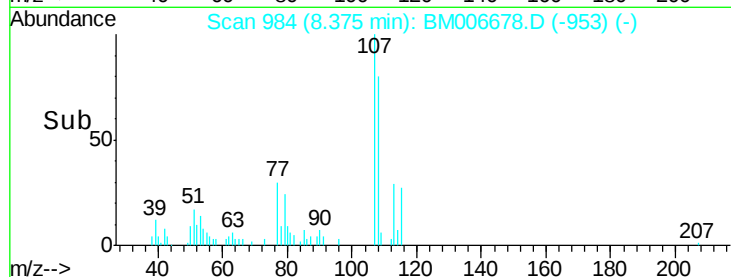
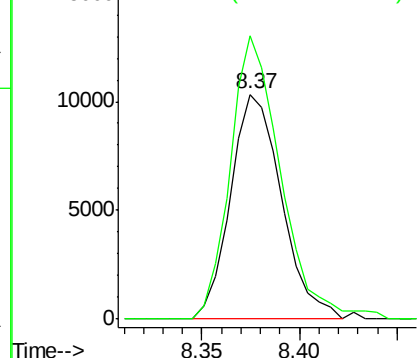
#16  
4-Methylphenol  
Concen: 1.33 ng/ul  
RT: 8.37 min Scan# 984  
Delta R.T. -0.02 min  
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Tgt Ion:108 Resp: 18724  
Ion Ratio Lower Upper  
108 100  
107 125.8 87.4 131.0

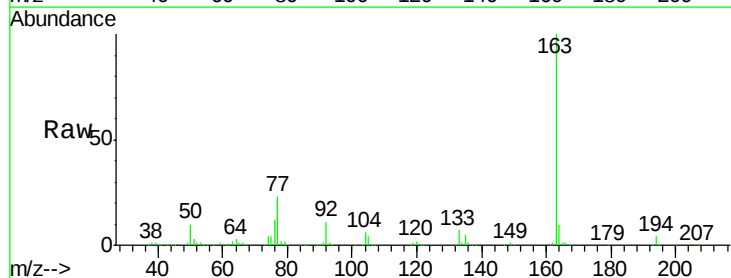


Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E



#44  
Dimethylphthalate  
Concen: 31.84 ng/ul  
RT: 13.72 min Scan# 1893  
Delta R.T. -0.01 min  
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Acq: 27 Jul 2016 08:23

Tgt Ion:163 Resp: 1169414  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.4 5.0  
164 9.8 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

