

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021516\  
 Data File : BM004278.D  
 Acq On : 16 Feb 2016 04:22  
 Operator : SJ/UM  
 Sample : H1416-21  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9QF4

Quant Time: Feb 16 05:54:31 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM021216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Feb 16 02:45:44 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 28788    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.43 | 136  | 136444   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.31 | 164  | 75806    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.06 | 188  | 150870   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 142400   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.50 | 264  | 136680   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.11  | 96  | 937    | 1.64  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 24823  | 10.73 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 45857  | 36.72 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 69056  | 33.67 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 47157  | 23.94 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.81  | 128 | 39473  | 37.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 45536  | 38.83 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 73387  | 34.70 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 2118   | 0.84  | ng/ul | 0.02 |
| 44) Dimethylphthalate-d6       | 13.72 | 166 | 232625 | 36.88 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.00 | 160 | 288274 | 37.61 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.57 | 143 | 7231   | 7.09  | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.30 | 176 | 193333 | 36.36 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 27252  | 29.66 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.16 | 188 | 273315 | 37.05 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.47 | 212 | 269818 | 35.70 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.36 | 264 | 271782 | 37.26 | ng/ul | 0.01 |

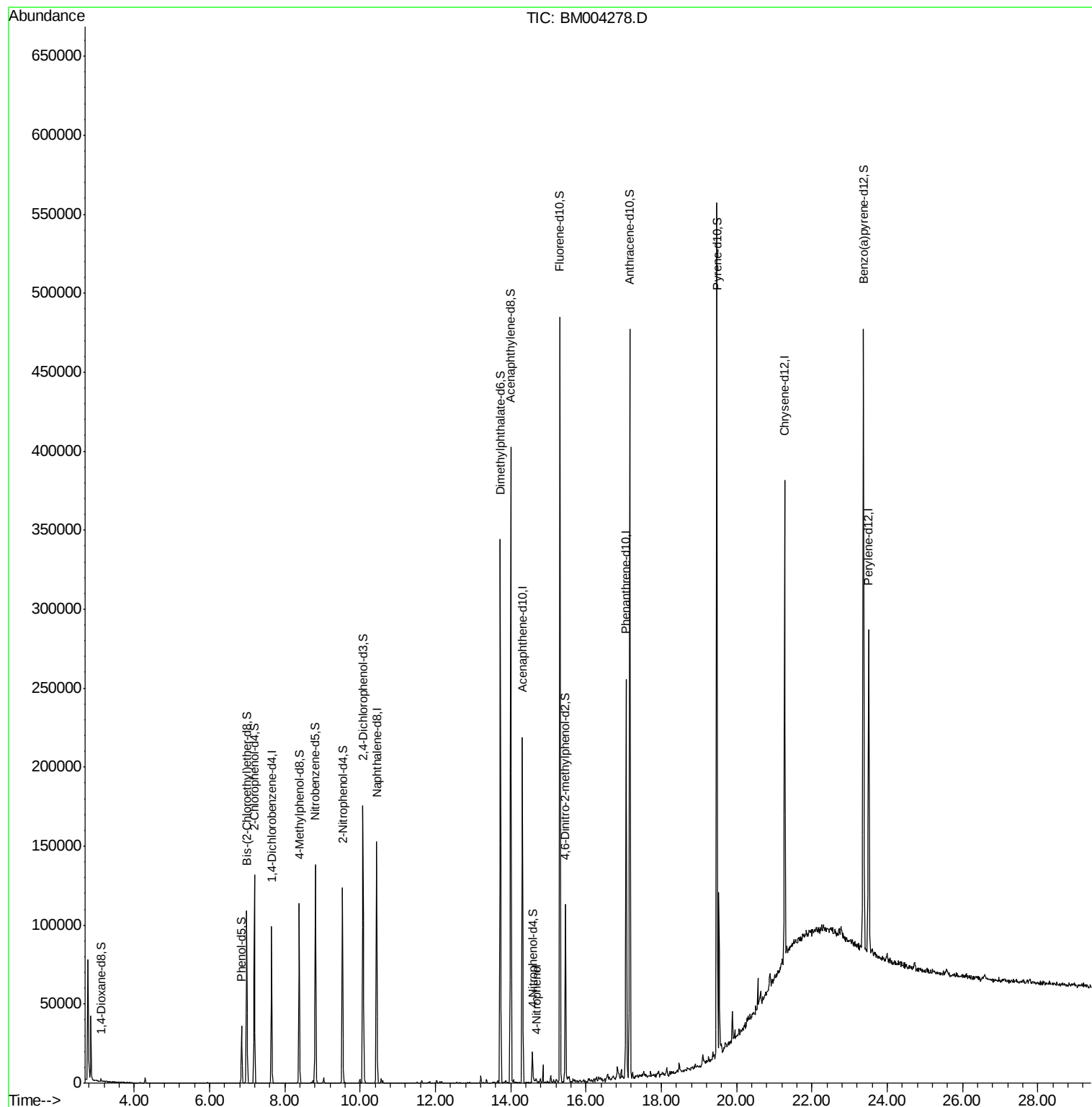
| Target Compounds  |       |     |     |      | Qvalue |   |
|-------------------|-------|-----|-----|------|--------|---|
| 53) 4-Nitrophenol | 14.67 | 109 | 845 | 1.04 | ng/ul# | 1 |

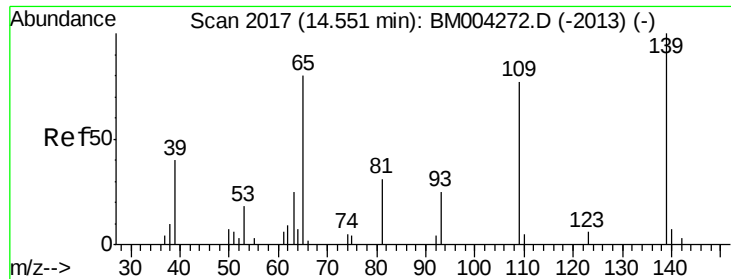
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#53

4-Nitrophenol

Concen: 1.04 ng/ul

RT: 14.67 min Scan# 2037

Delta R.T. 0.12 min

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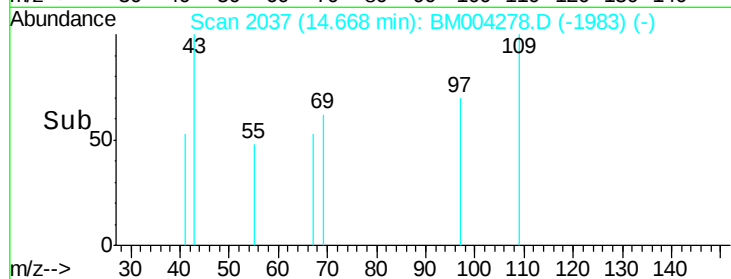
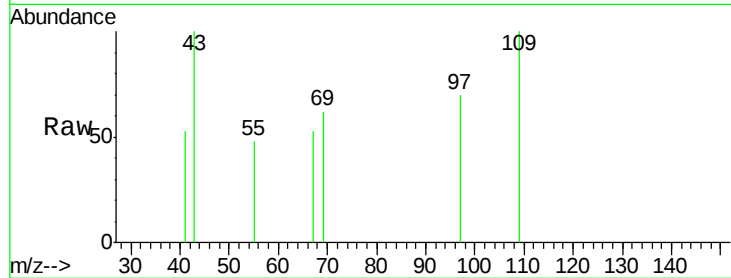
Tgt Ion:109 Resp: 845

Ion Ratio Lower Upper

109 100

139 0.0 103.7 155.5#

65 0.0 89.4 134.2#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

14.67

600

400

200

0

14.64 14.66 14.68

Time-->