

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM071515\  
 Data File : BM001929.D  
 Acq On : 15 Jul 2015 02:21  
 Operator : TP/UM  
 Sample : G2940-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0210

Quant Time: Jul 15 13:58:05 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM071315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 15 05:12:40 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 77017    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 312620   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.31 | 164  | 191419   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 401986   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.25 | 240  | 376088   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.47 | 264  | 352695   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96   | 1954     | 1.24  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.82  | 99   | 40979    | 6.52  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67   | 97856    | 28.56 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.18  | 132  | 118353   | 23.71 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.36  | 113  | 75725    | 14.66 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.82  | 128  | 68909    | 29.51 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.53  | 143  | 79899    | 30.88 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165  | 139725   | 26.71 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0d       | 0.00  | ng/ul |          |
| 43) Dimethylphthalate-d6       | 13.72 | 166  | 442573   | 28.67 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.00 | 160  | 545801   | 29.39 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.51 | 143  | 13099    | 5.01  | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.30 | 176  | 387180   | 29.35 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200  | 66691    | 25.62 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.16 | 188  | 556097   | 29.47 | ng/ul | 0.00     |
| 78) Pyrene-d10                 | 19.46 | 212  | 579002   | 33.70 | ng/ul | 0.00     |
| 89) Benzo(a)pyrene-d12         | 23.33 | 264  | 502796   | 28.19 | ng/ul | 0.00     |

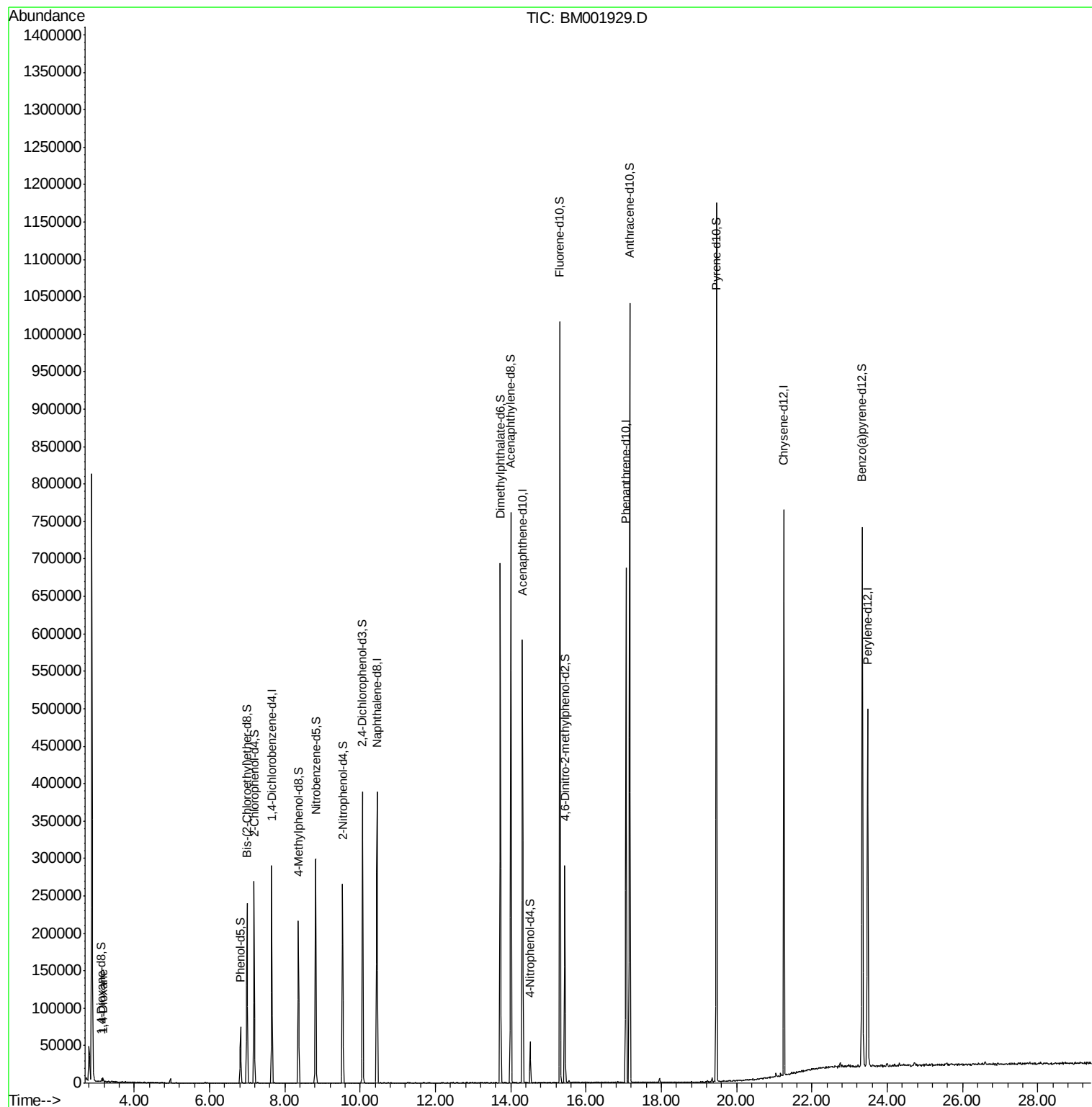
| Target Compounds | R.T. | QIon | Response | Conc | Units | Qvalue |
|------------------|------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane   | 3.17 | 88   | 2657     | 1.60 | ng/uL | 91     |

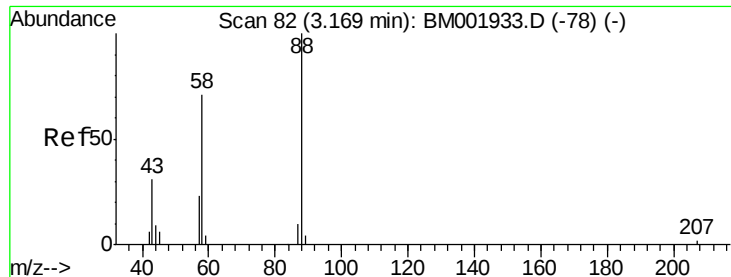
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.60 ng/uL

RT: 3.17 min Scan# 82

Delta R.T. -0.00 min

Lab File: BM001929.D

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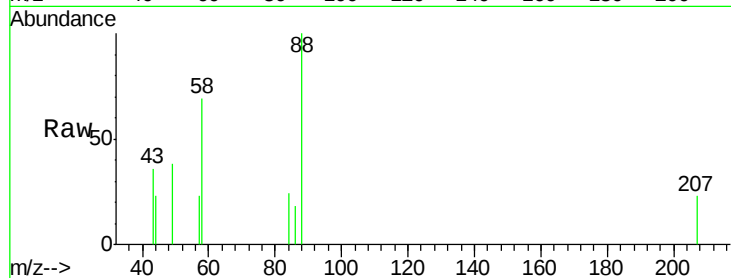
Tgt Ion: 88 Resp: 2657

Ion Ratio Lower Upper

88 100

43 25.3 22.1 33.1

58 60.4 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): BM001933.D (-78) (-)

Ion 43.00 (42.70 to 43.70): BM001933.D (-78) (-)

Ion 58.00 (57.70 to 58.70): BM001933.D (-78) (-)

