

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\  
 Data File : BM000345.D  
 Acq On : 24 Jan 2015 22:09  
 Operator : TP/IZ  
 Sample : G1135-01  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AB9

Quant Time: Jan 26 13:33:13 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 26 12:45:18 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 86019    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.60 | 136  | 365239   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.45 | 164  | 290657   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 689226   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.38 | 240  | 969540   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.66 | 264  | 1028022  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96   | 4829     | 2.46  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.98  | 99   | 30815    | 4.23  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67   | 115323   | 22.92 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.35  | 132  | 88872    | 17.11 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.51  | 113  | 59387    | 10.57 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.96  | 128  | 65993    | 23.91 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.69  | 143  | 60001    | 23.49 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165  | 115956   | 20.88 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.73 | 131  | 580      | 0.09  | ng/ul | -0.01    |
| 43) Dimethylphthalate-d6       | 13.86 | 166  | 617775   | 29.60 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.14 | 160  | 732220   | 28.74 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.63 | 143  | 14275    | 4.13  | ng/ul | -0.01    |
| 57) Fluorene-d10               | 15.44 | 176  | 591711   | 31.60 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200  | 77738    | 21.38 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.29 | 188  | 1039128  | 31.75 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.59 | 212  | 1301470  | 30.25 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.52 | 264  | 1383972  | 29.60 | ng/ul | 0.00     |

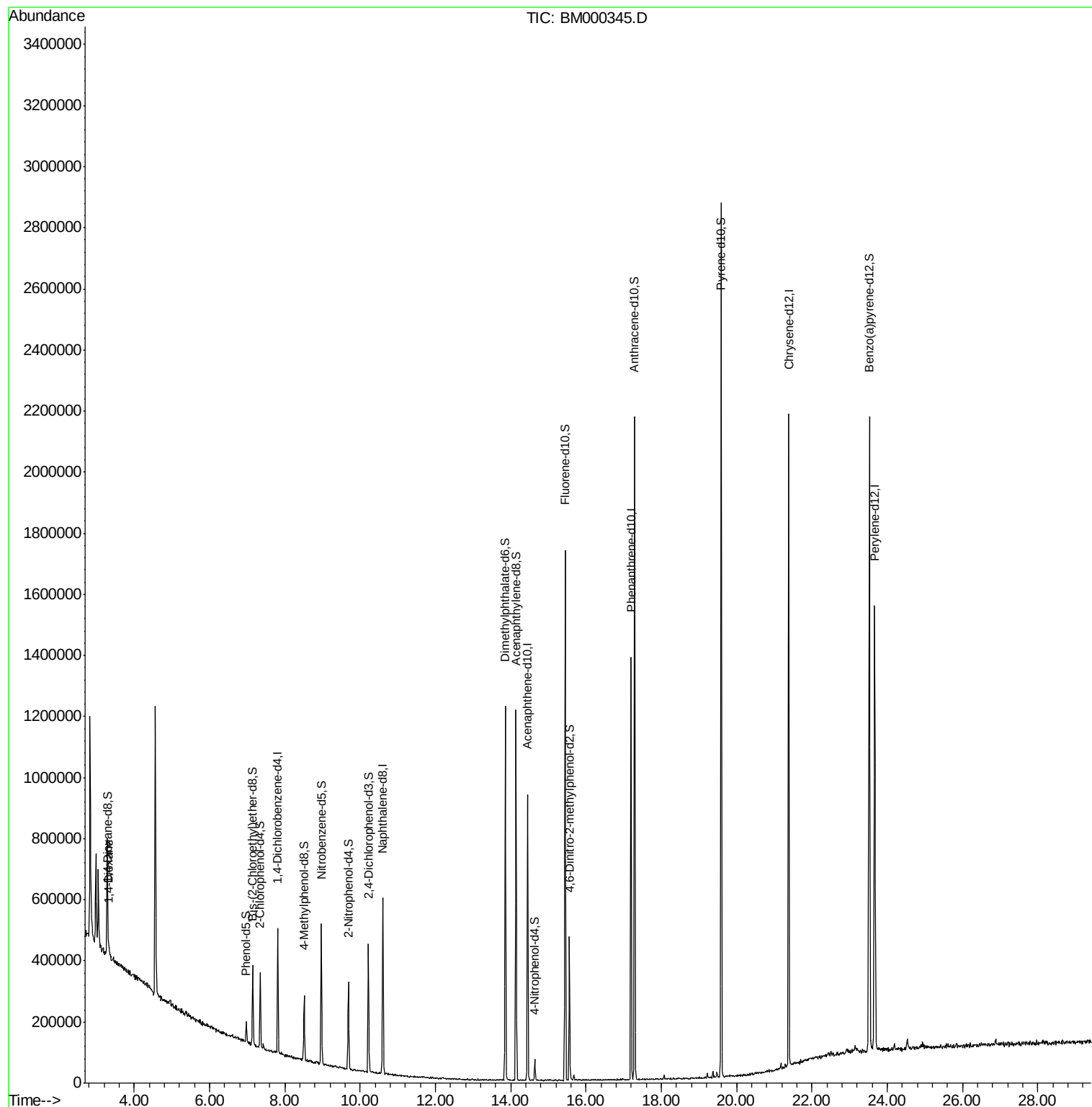
| Target Compounds | R.T. | QIon | Response | Conc | Units  | Ovalue |
|------------------|------|------|----------|------|--------|--------|
| 2) 1,4-Dioxane   | 3.33 | 88   | 9124     | 3.43 | ng/uL# | 84     |

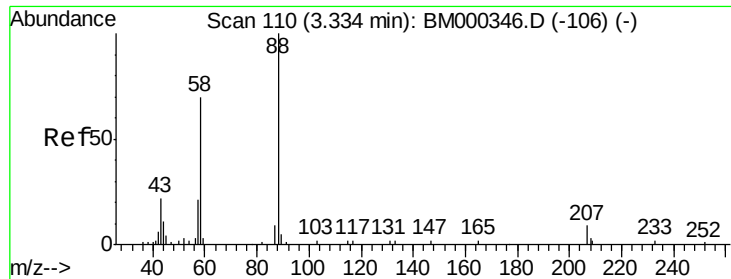
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.43 ng/uL

RT: 3.33 min Scan# 110

Delta R.T. -0.01 min

Lab File: BM000345.D

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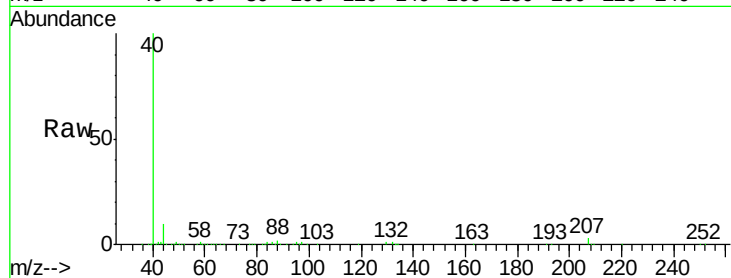
Tot Ion: 88 Resp: 9124

Ion Ratio Lower Upper

88 100

43 24.8 22.4 33.6

58 55.3 57.4 86.2#



Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 43.00 (42.70 to 43.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

