

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062819\  
 Data File : BM021249.D  
 Acq On : 29 Jun 2019 01:57  
 Operator : HP/JU  
 Sample : K3381-06DL 5X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFCM4DL

Quant Time: Jun 29 03:55:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 27 05:07:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 193203   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.55 | 136  | 843742   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.40 | 164  | 571345   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.15 | 188  | 1257732  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.33 | 240  | 967816   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.60 | 264  | 1044683  | 20.00 | ng/ul | -0.02    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.28  | 96   | 5955     | 1.46 | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.93  | 99   | 22901    | 1.36 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.10  | 67   | 57920    | 5.78 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.29  | 132  | 64677    | 4.73 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.46  | 113  | 42156    | 3.00 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.92  | 128  | 41574    | 6.07 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.64  | 143  | 42205    | 5.55 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.17 | 165  | 85555    | 5.53 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0d       | 0.00 | ng/ul |          |
| 43) Dimethylphthalate-d6       | 13.82 | 166  | 352230   | 6.82 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.09 | 160  | 391009   | 6.19 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.65 | 143  | 3444     | 0.41 | ng/ul | 0.04     |
| 57) Fluorene-d10               | 15.40 | 176  | 305504   | 6.80 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200  | 12842    | 1.66 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.24 | 188  | 436653   | 6.68 | ng/ul | -0.01    |
| 78) Pyrene-d10                 | 19.54 | 212  | 429239   | 7.39 | ng/ul | -0.01    |
| 89) Benzo(a)pyrene-d12         | 23.45 | 264  | 412626   | 6.69 | ng/ul | -0.02    |

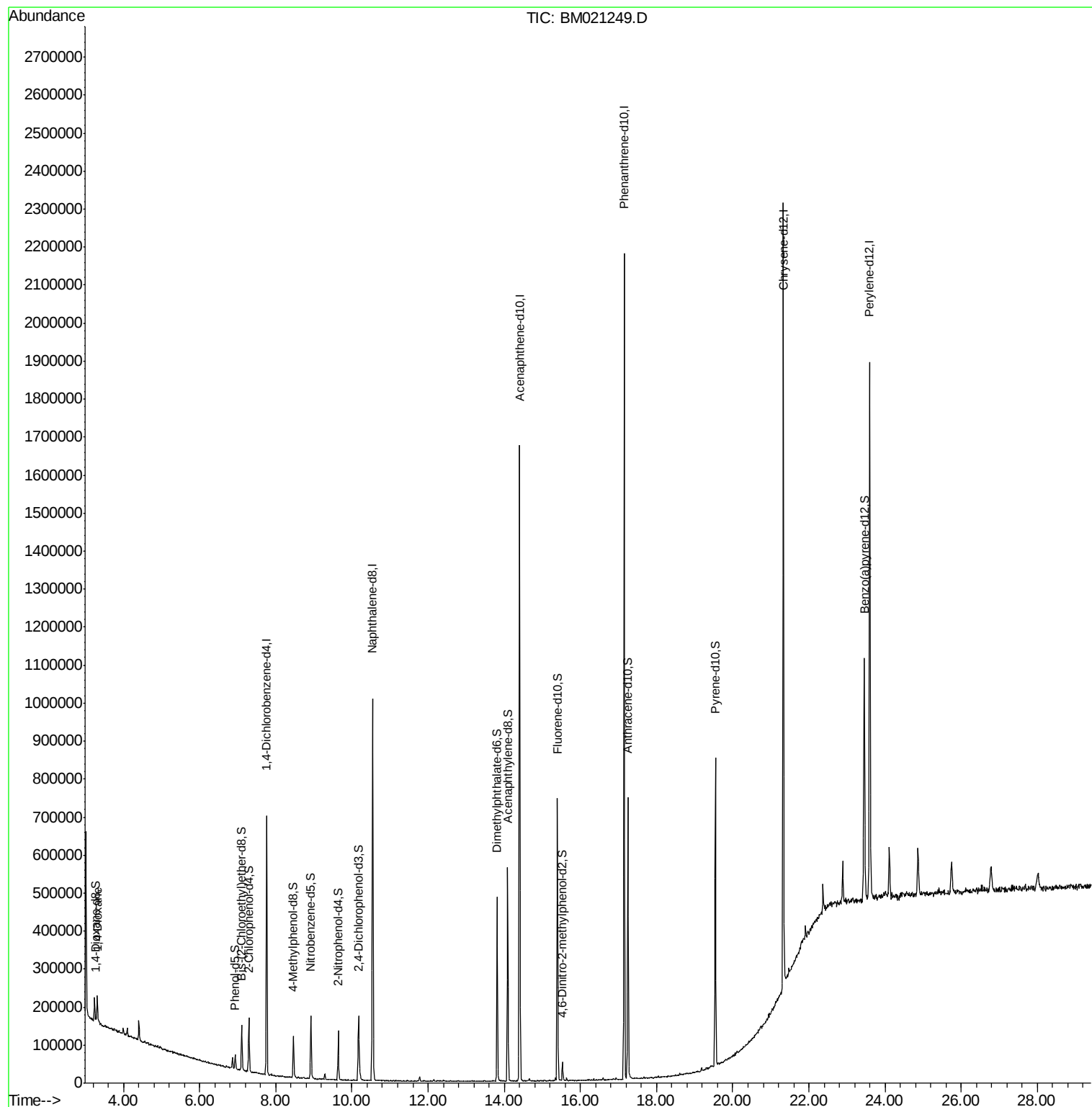
| Target Compounds | R.T. | QIon | Response | Conc  | Units | Ovalue |
|------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane   | 3.31 | 88   | 40477    | 9.831 | ng/uL | 95     |

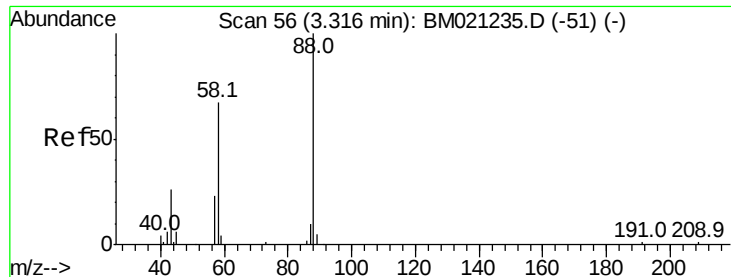
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 9.831 ng/uL

RT: 3.31 min Scan# 55

Delta R.T. -0.01 min

Lab File: BM021249.D

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Tot Ion: 88 Resp: 40477

Ion Ratio Lower Upper

88 100

43 27.1 26.7 40.1

58 64.1 52.6 78.8

