

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041724\  
 Data File : BN031019.D  
 Acq On : 18 Apr 2024 21:53  
 Operator : MA/JU  
 Sample : P2037-14  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E1CY1

Quant Time: Apr 18 22:44:44 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 17 22:24:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.640  | 152  | 102645   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.416 | 136  | 473365   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.281 | 164  | 339332   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.034 | 188  | 777246   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.263 | 240  | 837607   | 20.000 | ng/ul | -0.01    |
| 88) Perylene-d12              | 24.163 | 264  | 1029753  | 20.000 | ng/ul | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.146  | 96   | 8127     | 3.712  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.564  | 84   | 35701    | 5.439  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.817  | 99   | 3001     | 0.361  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.981  | 67   | 113616   | 22.153 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.169  | 132  | 8080     | 1.283  | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.346  | 113  | 10011    | 1.439  | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.793  | 128  | 69011    | 21.016 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.511  | 143  | 64669    | 21.528 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.046 | 165  | 4267     | 0.649  | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.563 | 131  | 18418    | 1.701  | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.699 | 166  | 579400   | 25.574 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 13.975 | 160  | 12326    | 0.473  | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.504 | 143  | 11355    | 2.620  | ng/ul | 0.00     |
| 60) Fluorene-d10              | 15.281 | 176  | 229670   | 11.585 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.398 | 200  | 38590    | 11.248 | ng/ul | -0.01    |
| 73) Anthracene-d10            | 17.128 | 188  | 25621    | 0.765  | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.428 | 212  | 6173     | 0.137  | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.963 | 264  | 3372     | 0.071  | ng/ul | -0.01    |

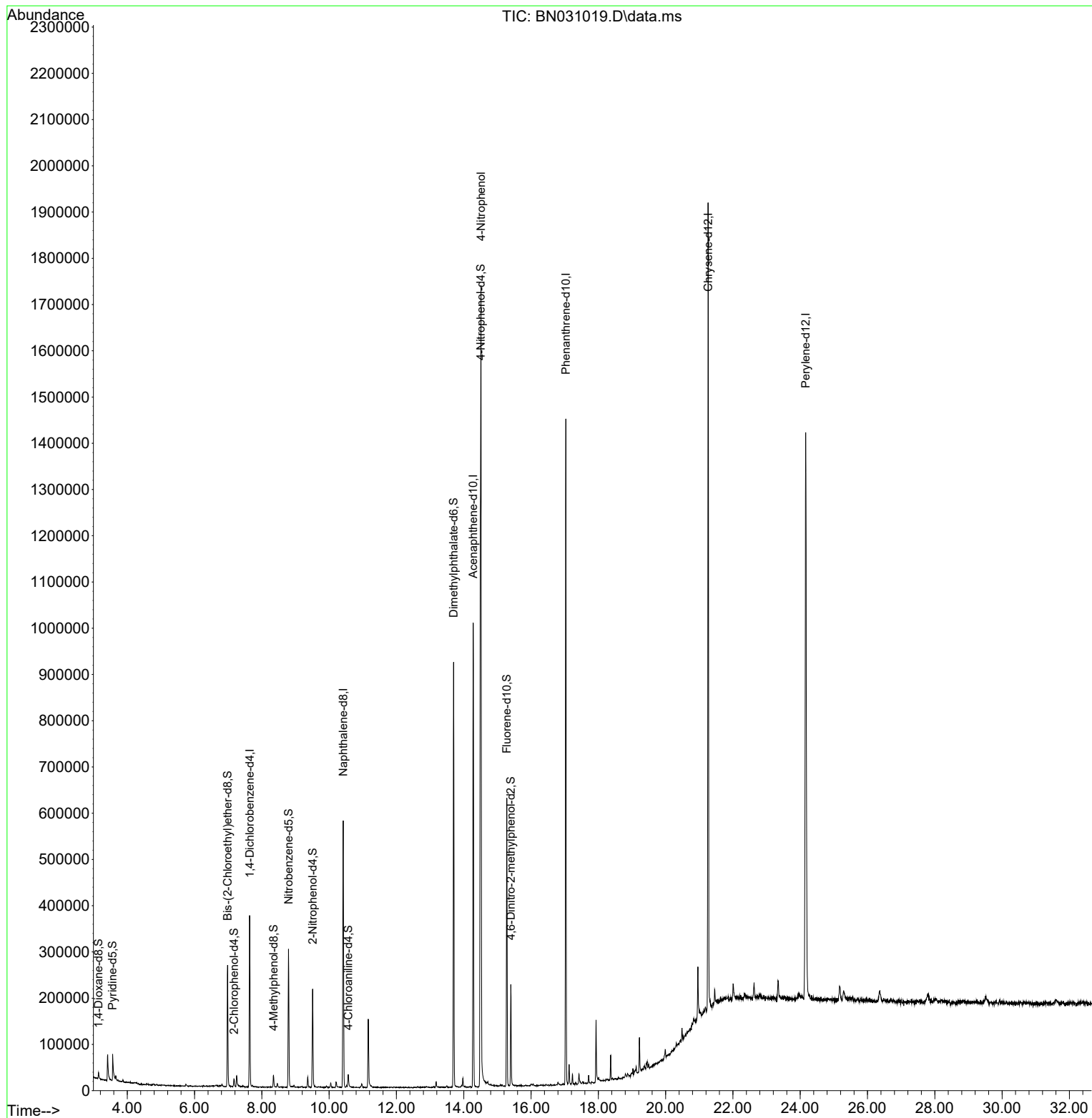
|                   |        |     |       |       |        |   |
|-------------------|--------|-----|-------|-------|--------|---|
| Target Compounds  |        |     |       |       | Qvalue |   |
| 55) 4-Nitrophenol | 14.510 | 109 | 30994 | 9.027 | ng/ul# | 2 |

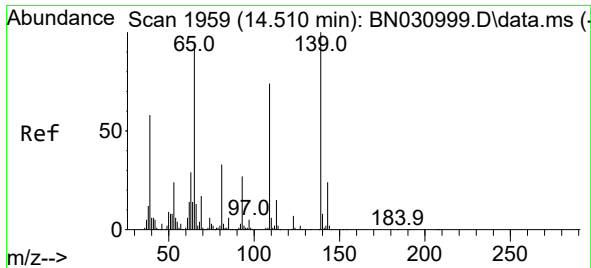
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#55  
 4-Nitrophenol  
 Concen: 9.027 ng/ul  
 RT: 14.510 min Scan# 14  
 Delta R.T. 0.000 min  
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Tgt Ion:109 Resp: 30994  
 Ion Ratio Lower Upper  
 109 100  
 139 12.3 111.8 167.6#  
 65 22.4 98.7 148.1#

