

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091024\  
 Data File : BG062728.D  
 Acq On : 11 Sep 2024 9:46  
 Operator : JU/RC  
 Sample : P3877-12  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCVY5

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/12/2024  
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 00:33:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 10 01:28:17 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 70119    | 20.000 | ng/u1 | 0.00     |
| 20) Naphthalene-d8            | 10.696 | 136  | 292857   | 20.000 | ng/u1 | 0.00     |
| 38) Acenaphthene-d10          | 14.532 | 164  | 236984   | 20.000 | ng/u1 | 0.00     |
| 64) Phenanthrene-d10          | 17.276 | 188  | 658555   | 20.000 | ng/u1 | 0.00     |
| 79) Chrysene-d12              | 21.518 | 240  | 683768   | 20.000 | ng/u1 | 0.00     |
| 88) Perylene-d12              | 24.585 | 264  | 743966   | 20.000 | ng/u1 | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.357  | 96   | 6851     | 4.417  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.769  | 84   | 112111   | 22.705 | ng/u1 | 0.00     |
| 7) Phenol-d5                  | 7.071  | 99   | 147122   | 23.928 | ng/u1 | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.229  | 67   | 87600    | 23.763 | ng/u1 | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.435  | 132  | 113970   | 25.447 | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.604  | 113  | 128095   | 25.000 | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 9.056  | 128  | 55936    | 26.724 | ng/u1 | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.773  | 143  | 66552    | 29.073 | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.314 | 165  | 129718   | 26.021 | ng/u1 | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.825 | 131  | 164330   | 23.981 | ng/u1 | 0.00     |
| 46) Dimethylphthalate-d6      | 13.933 | 166  | 484409   | 26.544 | ng/u1 | 0.00     |
| 49) Acenaphthylene-d8         | 14.221 | 160  | 543468   | 26.814 | ng/u1 | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.726 | 143  | 73446    | 23.691 | ng/u1 | 0.00     |
| 60) Fluorene-d10              | 15.525 | 176  | 453158   | 27.556 | ng/u1 | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.637 | 200  | 81878    | 21.614 | ng/u1 | 0.00     |
| 73) Anthracene-d10            | 17.370 | 188  | 851335   | 27.392 | ng/u1 | 0.00     |
| 81) Pyrene-d10                | 19.668 | 212  | 1082373  | 28.130 | ng/u1 | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.374 | 264  | 1084819  | 27.615 | ng/u1 | 0.00     |

|                       |        |     |        |       |        |
|-----------------------|--------|-----|--------|-------|--------|
| Target Compounds      |        |     |        |       | Qvalue |
| 71) Pentachlorophenol | 16.924 | 266 | 22605m | 4.368 | ng/u1  |

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

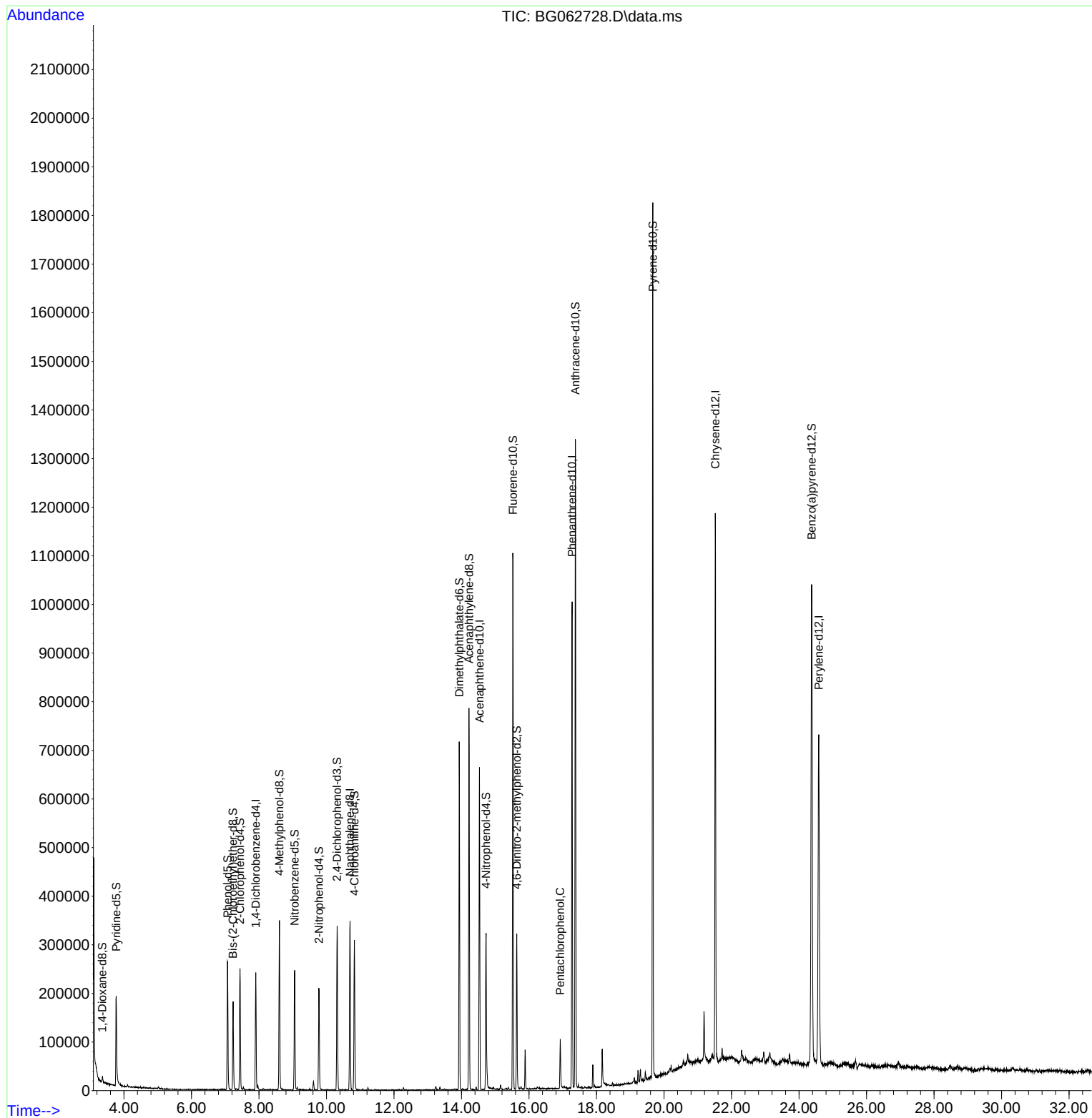
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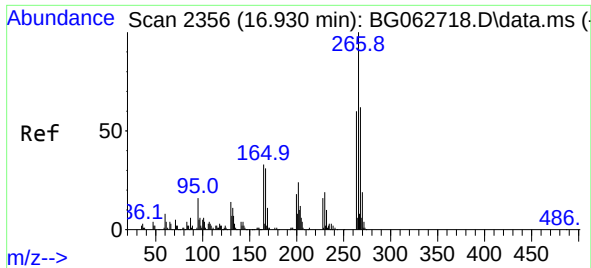
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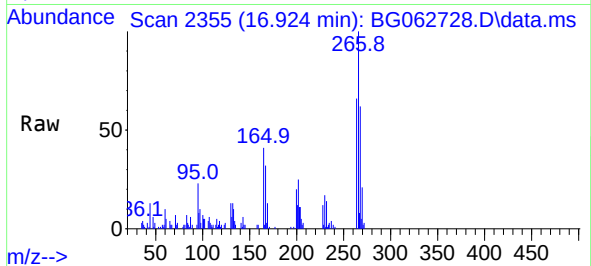
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#71  
Pentachlorophenol  
Concen: 4.368 ng/ul m  
RT: 16.924 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG062728.D  
Acq: 11 Sep 2024 9:46

Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:266 Resp: 22609  
Ion Ratio Lower Upper  
266 100  
264 66.2 48.6 72.8  
268 61.8 49.5 74.3

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