

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121123\  
 Data File : BP018803.D  
 Acq On : 13 Dec 2023 12:05  
 Operator : MA/JU  
 Sample : 05675-19  
 Misc :  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 H0AC2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023  
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 13 21:49:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 11 22:02:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.834  | 152  | 182319   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.628 | 136  | 684062   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.463 | 164  | 445298   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.216 | 188  | 1080866m | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.304 | 240  | 1166698  | 20.000 | ng/u1  | # 0.00   |
| 88) Perylene-d12              | 23.668 | 264  | 1351306  | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.264  | 96   | 20689    | 3.867  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 135421   | 9.450  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.005  | 99   | 82685    | 4.519  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.169  | 67   | 283628   | 26.155 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.363  | 132  | 280647   | 19.658 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.546  | 113  | 164388   | 11.102 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.999  | 128  | 178280   | 29.282 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.716  | 143  | 181802   | 28.802 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.251 | 165  | 331280   | 25.666 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.769 | 131  | 416030   | 24.664 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.881 | 166  | 1208465  | 30.407 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.157 | 160  | 1271661  | 29.058 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.675 | 143  | 28025    | 4.296  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.457 | 176  | 1062833  | 31.859 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.575 | 200  | 174676   | 26.952 | ng/u1  | -0.01    |
| 73) Anthracene-d10            | 17.310 | 188  | 1894330  | 33.337 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.551 | 212  | 2406026  | 26.493 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.515 | 264  | 2614628  | 33.184 | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.299  | 88   | 15818    | 2.696  | ng/uL  | 95       |
| -----                         |        |      |          |        |        |          |

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

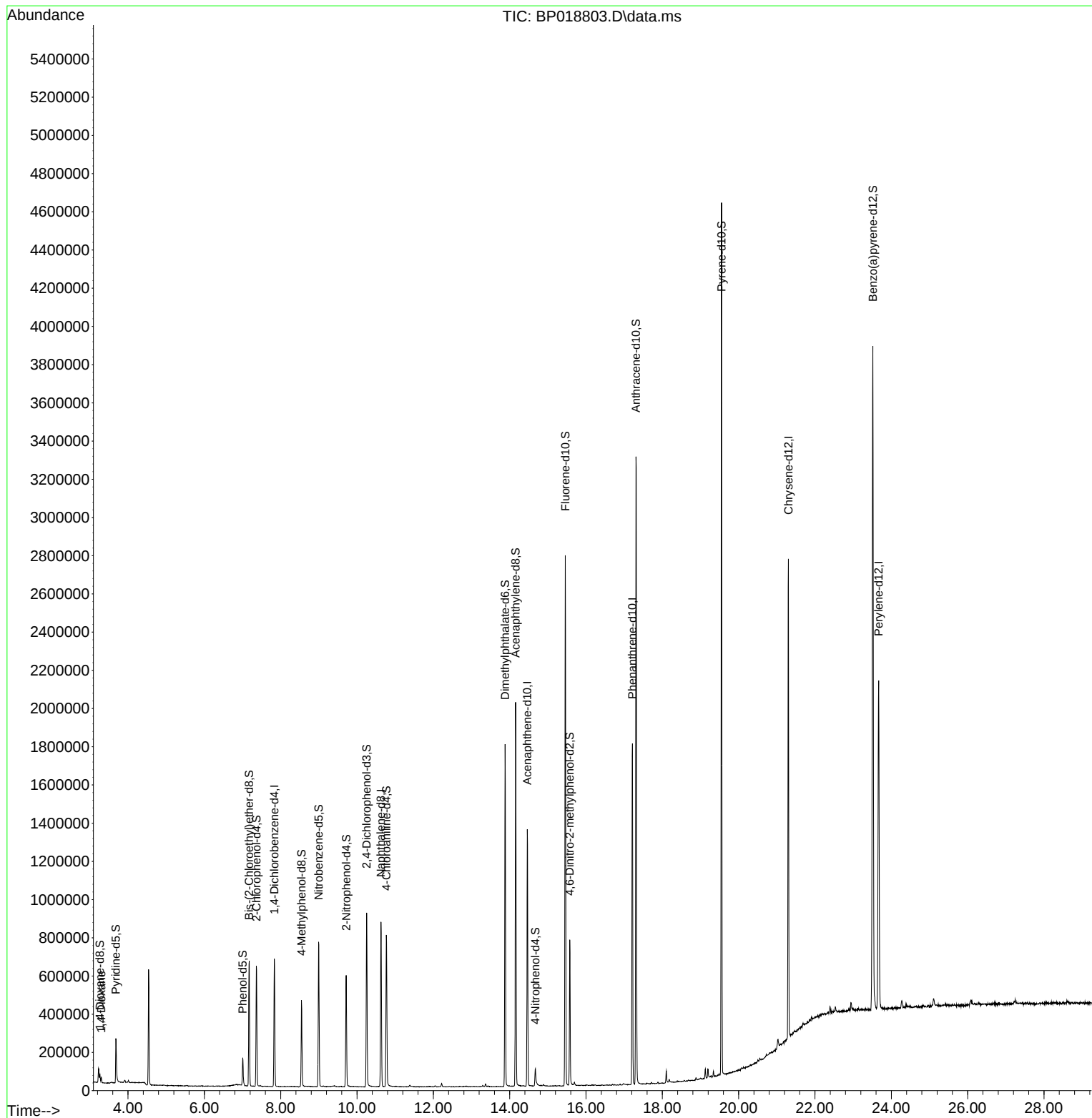
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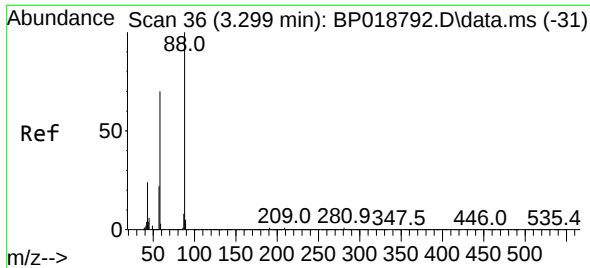
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BNA\_P  
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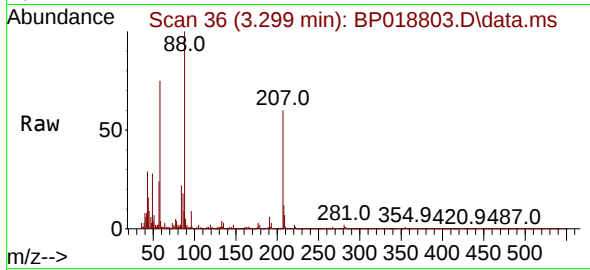
Reviewed By :Yogesh Patel 12/14/2023  
Supervised By :mohammad ahmed 12/14/2023





#2  
 1,4-Dioxane  
 Concen: 2.696 ng/uL  
 RT: 3.299 min Scan# 30  
 Delta R.T. 0.006 min  
 Lab File: BP018803.D  
 Acq: 13 Dec 2023 12:05

Instrument :  
 BNA\_P  
 ClientSampleId :  
 H0AC2



Tgt Ion: 88 Resp: 15818  
 Ion Ratio Lower Upper  
 88 100  
 43 29.1 21.8 32.6  
 58 75.2 56.5 84.7

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