

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032923\  
 Data File : BN024595.D  
 Acq On : 28 Mar 2023 21:13  
 Operator : CG/JU  
 Sample : 02086-05  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFZ75

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/29/2023  
 Supervised By : Jagrut Upadhyay 03/29/2023

Quant Time: Mar 29 05:04:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032923.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 29 03:32:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.999  | 152  | 305545   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.816 | 136  | 1349701  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.639 | 164  | 878311   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.386 | 188  | 1911021  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.574 | 240  | 1772566  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.051 | 264  | 1934949  | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.369  | 96   | 37980    | 4.819  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.811  | 84   | 88523m   | 3.890  | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 7.158  | 99   | 204248   | 7.064  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.322  | 67   | 555083   | 29.727 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.528  | 132  | 509233   | 23.754 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.710  | 113  | 352432   | 15.240 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.169  | 128  | 313694   | 29.368 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.893  | 143  | 322312   | 27.877 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.434 | 165  | 548954   | 26.141 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.951 | 131  | 645379   | 20.141 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.045 | 166  | 2040844  | 30.216 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.334 | 160  | 2248543  | 29.237 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.828 | 143  | 78198    | 5.532  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.628 | 176  | 1790630  | 30.899 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 200  | 298591   | 23.722 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.486 | 188  | 3010661  | 33.496 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.775 | 212  | 3566546  | 34.799 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.892 | 264  | 3463226  | 35.323 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.411  | 88   | 13027    | 1.534  | ng/uL  | 96       |
| -----                         |        |      |          |        |        |          |

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

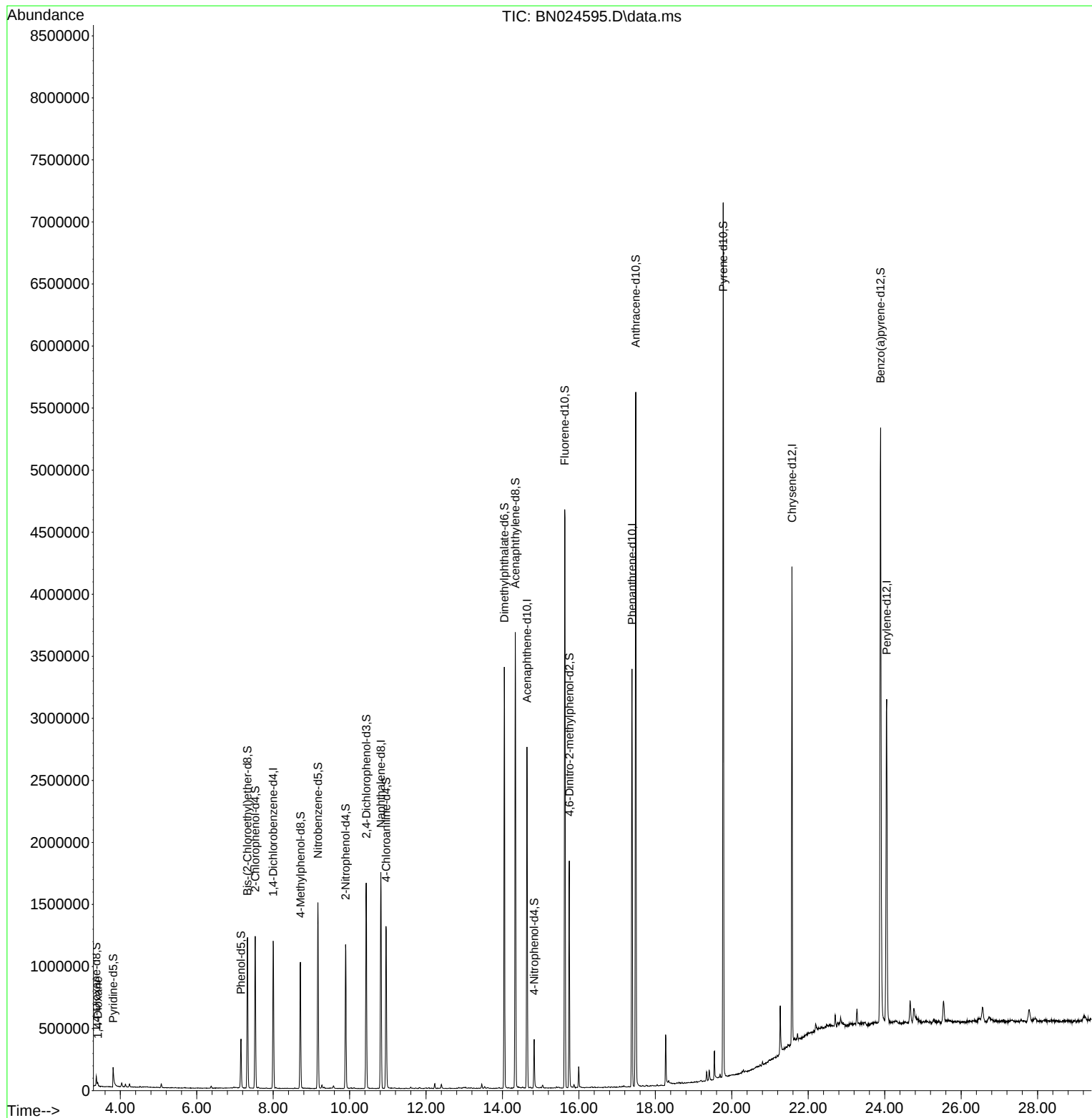
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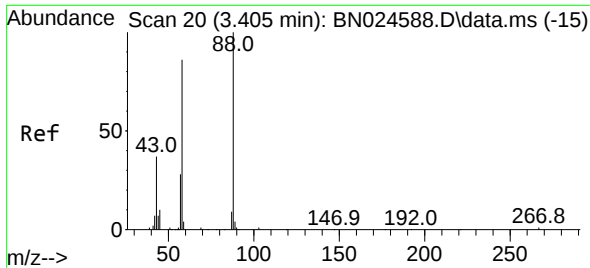
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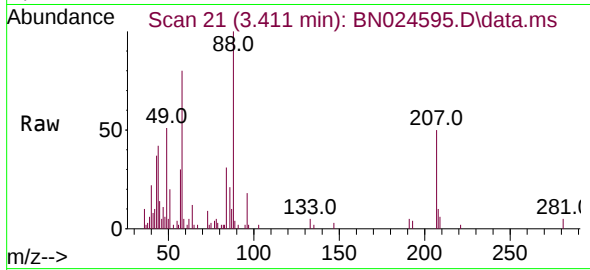
Reviewed By : Christian Giraldo 03/29/2023  
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#2  
 1,4-Dioxane  
 Concen: 1.534 ng/uL  
 RT: 3.411 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BN024595.D  
 Acq: 28 Mar 2023 21:13

Instrument :  
 BNA\_N  
 ClientSampleId :  
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Tgt Ion: 88 Resp: 1302  
 Ion Ratio Lower Upper  
 88 100  
 43 37.4 29.0 43.6  
 58 80.2 67.5 101.3

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