

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111323\  
 Data File : BM042747.D  
 Acq On : 14 Nov 2023 23:11  
 Operator : MA/JU  
 Sample : 05057-08  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A49X1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/15/2023  
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 15 04:39:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM111323.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 14 00:02:28 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.834  | 152  | 16956    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.645 | 136  | 69626    | 20.000 | ng/u1  | #-0.01   |
| 38) Acenaphthene-d10          | 14.486 | 164  | 44827    | 20.000 | ng/u1  | -0.01    |
| 64) Phenanthrene-d10          | 17.239 | 188  | 99858    | 20.000 | ng/u1  | #-0.01   |
| 79) Chrysene-d12              | 21.421 | 240  | 101754   | 20.000 | ng/u1  | -0.01    |
| 88) Perylene-d12              | 23.785 | 264  | 130288   | 20.000 | ng/u1  | -0.02    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 3123     | 5.779  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.622  | 84   | 23980    | 17.840 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.004  | 99   | 15438    | 9.355  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.181  | 67   | 53761    | 46.362 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.357  | 132  | 42028    | 33.006 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.557  | 113  | 28840    | 22.195 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.033  | 128  | 24553    | 40.222 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.745  | 143  | 25557    | 35.788 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.275 | 165  | 46177    | 34.777 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.822 | 131  | 50559    | 29.989 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.910 | 166  | 203685   | 48.010 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.186 | 160  | 204850   | 45.127 | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.792 | 143  | 2412m    | 5.032  | ng/u1  | 0.05     |
| 60) Fluorene-d10              | 15.480 | 176  | 170528   | 48.539 | ng/u1  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.627 | 200  | 23655    | 31.273 | ng/u1  | -0.01    |
| 73) Anthracene-d10            | 17.339 | 188  | 269765   | 48.204 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.633 | 212  | 390526   | 58.609 | ng/u1  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.632 | 264  | 398637   | 51.151 | ng/u1  | -0.02    |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.028  | 94   | 4291     | 2.614  | ng/u1  | 97       |
| -----                         |        |      |          |        |        |          |

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

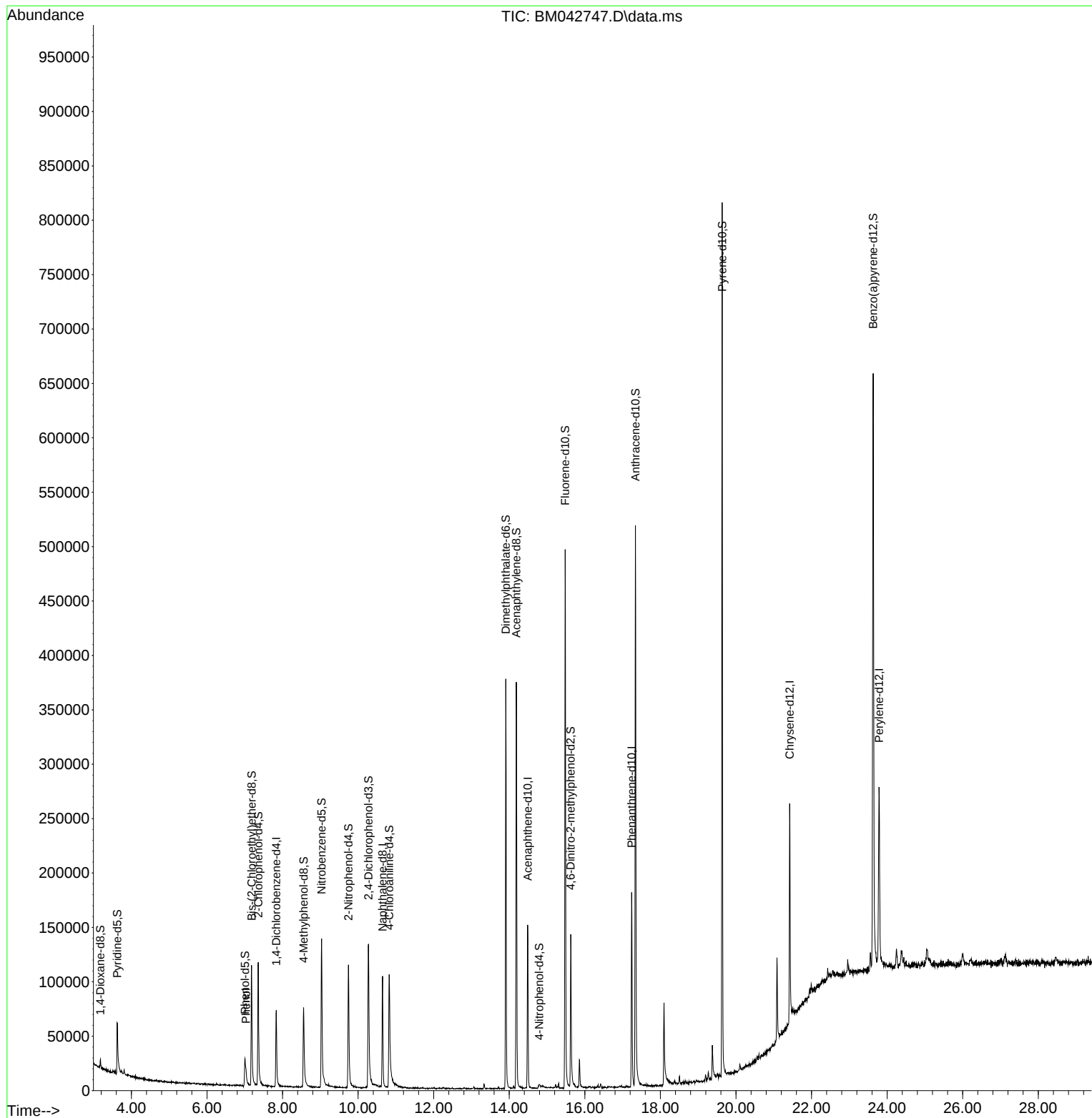
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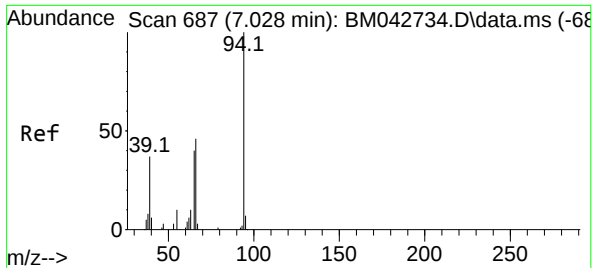
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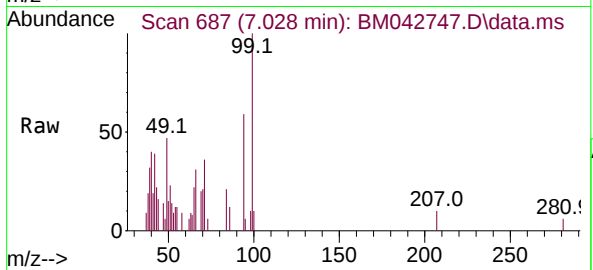
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#8  
Phenol  
Concen: 2.614 ng/ul  
RT: 7.028 min Scan# 687  
Delta R.T. -0.006 min  
Lab File: BM042747.D  
Acq: 14 Nov 2023 23:11

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Tgt Ion: 94 Resp: 429

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 36.5  | 30.3  | 45.5  |
| 66  | 52.6  | 39.9  | 59.9  |

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