

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110824\  
 Data File : BM048560.D  
 Acq On : 09 Nov 2024 11:19  
 Operator : RC/JU  
 Sample : P4582-10  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4EC5

Quant Time: Nov 09 21:49:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 07 22:50:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.663  | 152  | 207450   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.445 | 136  | 820257   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.310 | 164  | 495055   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.057 | 188  | 974304   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.280 | 240  | 934832   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.192 | 264  | 1133660  | 20.000 | ng/ul | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.134  | 96   | 19713    | 3.788  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.552  | 84   | 113870   | 7.940  | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.846  | 99   | 103217   | 6.536  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.999  | 67   | 243616   | 25.684 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.199  | 132  | 303398   | 23.193 | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.381  | 113  | 198718   | 16.003 | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.822  | 128  | 162550   | 27.342 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.540  | 143  | 183533   | 29.024 | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.081 | 165  | 320137   | 27.252 | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.592 | 131  | 355957   | 21.333 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 951476   | 30.108 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 13.998 | 160  | 1019392  | 27.360 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.557 | 143  | 22730    | 3.873  | ng/ul | 0.02     |
| 60) Fluorene-d10              | 15.304 | 176  | 819881   | 29.722 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.439 | 200  | 126465   | 25.802 | ng/ul | 0.00     |
| 73) Anthracene-d10            | 17.157 | 188  | 1343022  | 32.574 | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.451 | 212  | 1674016  | 35.682 | ng/ul | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.992 | 264  | 1867143  | 35.250 | ng/ul | 0.00     |

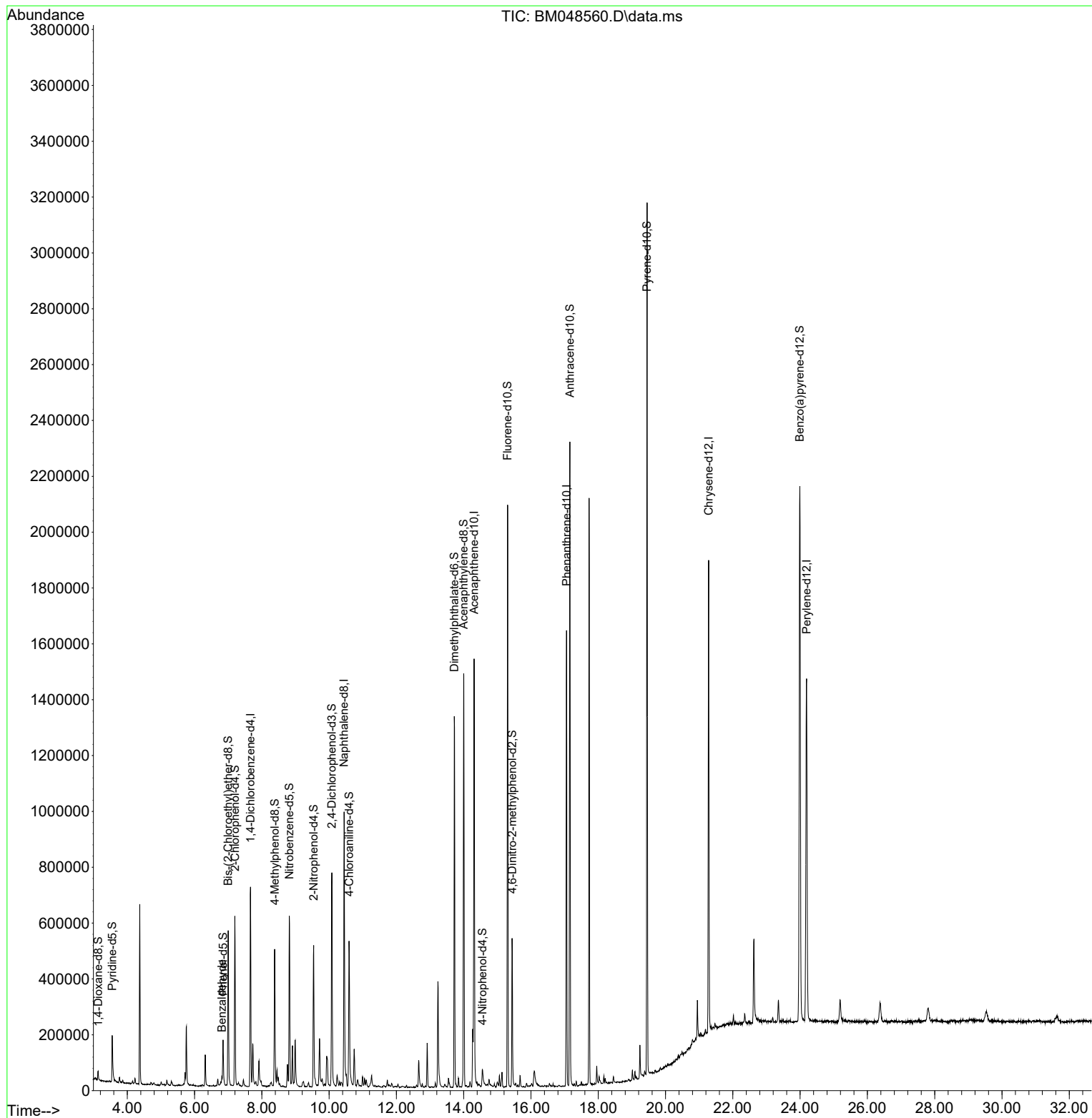
| Target Compounds |       |    |      |       | Qvalue |    |
|------------------|-------|----|------|-------|--------|----|
| 6) Benzaldehyde  | 6.810 | 77 | 9883 | 1.266 | ng/ul# | 88 |
| -----            |       |    |      |       |        |    |

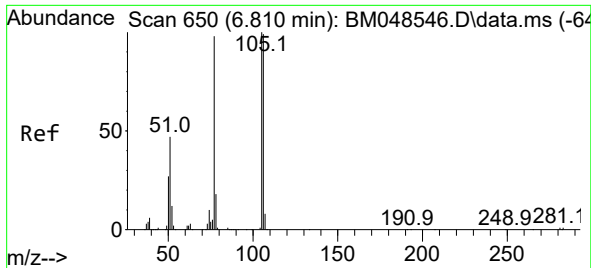
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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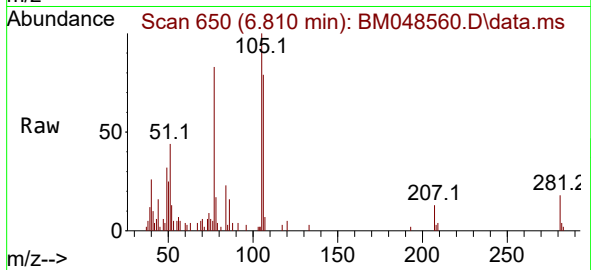
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#6  
Benzaldehyde  
Concen: 1.266 ng/ul  
RT: 6.810 min Scan# 61  
Delta R.T. 0.000 min  
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Acq: 09 Nov 2024 11:19

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BNA\_M  
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Tgt Ion: 77 Resp: 9883  
Ion Ratio Lower Upper  
77 100  
105 120.3 78.0 117.0#  
106 95.6 76.6 115.0

