

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022624\  
 Data File : BM044362.D  
 Acq On : 27 Feb 2024 12:13  
 Operator : MA/JU  
 Sample : P1469-01  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Feb 27 22:27:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022324.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Feb 27 00:07:53 2024  
 Response via : Initial Calibration

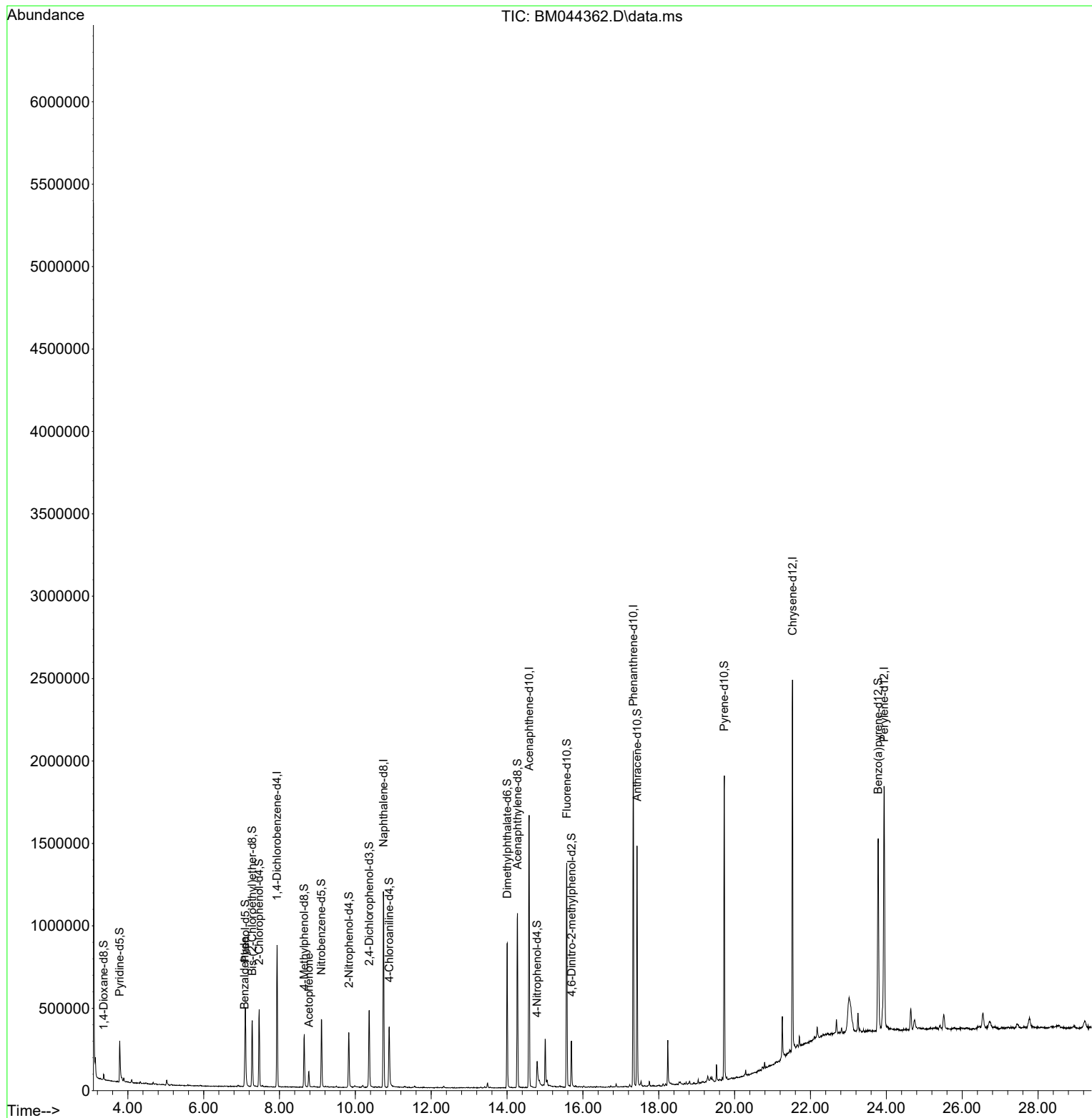
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.934  | 152  | 238238   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.739 | 136  | 1009323  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.580 | 164  | 572271   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.327 | 188  | 1201175  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.527 | 240  | 1032871  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.939 | 264  | 1134838  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.363  | 96   | 16350    | 2.165  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.787  | 84   | 155356   | 7.534  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.098  | 99   | 259396   | 11.366 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.281  | 67   | 185449   | 12.548 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.463  | 132  | 224049   | 13.035 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.651  | 113  | 129251   | 7.485  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.104  | 128  | 108316   | 13.199 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.828  | 143  | 115574   | 13.804 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.363 | 165  | 180406   | 12.215 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.892 | 131  | 232508   | 9.373  | ng/ul  | 0.01     |
| 46) Dimethylphthalate-d6      | 14.004 | 166  | 615464   | 13.945 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.274 | 160  | 720168   | 14.182 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.792 | 143  | 66700    | 7.595  | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.574 | 176  | 542831   | 14.531 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 200  | 55127    | 7.397  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.427 | 188  | 804952   | 14.054 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.727 | 212  | 974732   | 15.686 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.786 | 264  | 859080   | 14.773 | ng/ul  | 0.01     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 6) Benzaldehyde               | 7.081  | 77   | 48991    | 4.945  | ng/ul  | 95       |
| 16) Acetophenone              | 8.775  | 105  | 56448    | 2.046  | ng/ul  | 94       |
| -----                         |        |      |          |        |        |          |

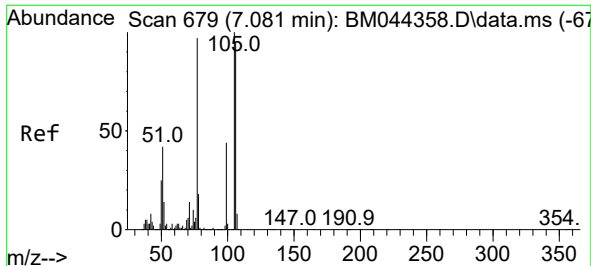
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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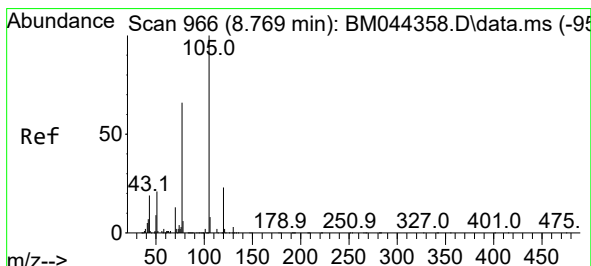
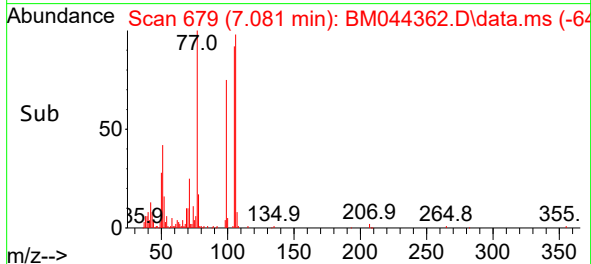
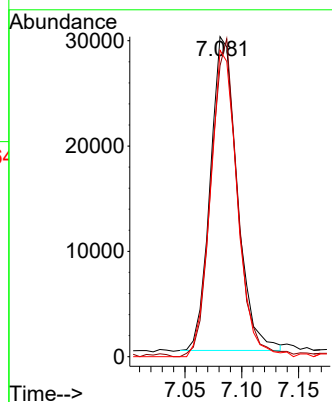
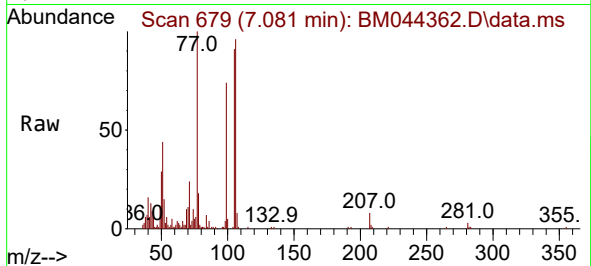




#6  
Benzaldehyde  
Concen: 4.945 ng/ul  
RT: 7.081 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM044362.D  
Acq: 27 Feb 2024 12:13

Instrument :  
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ClientSampleId :

Tgt Ion: 77 Resp: 48991  
Ion Ratio Lower Upper  
77 100  
105 90.9 79.0 118.6  
106 95.7 77.4 116.2



#16  
Acetophenone  
Concen: 2.046 ng/ul  
RT: 8.775 min Scan# 967  
Delta R.T. 0.012 min  
Lab File: BM044362.D  
Acq: 27 Feb 2024 12:13

Tgt Ion: 105 Resp: 56448  
Ion Ratio Lower Upper  
105 100  
77 71.0 61.2 91.8  
51 23.6 21.1 31.7

