

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101424\  
 Data File : BM048098.D  
 Acq On : 16 Oct 2024 21:48  
 Operator : RC/JU  
 Sample : P4329-22  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FC6

Quant Time: Oct 16 23:25:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 10 05:10:14 2024  
 Response via : Initial Calibration

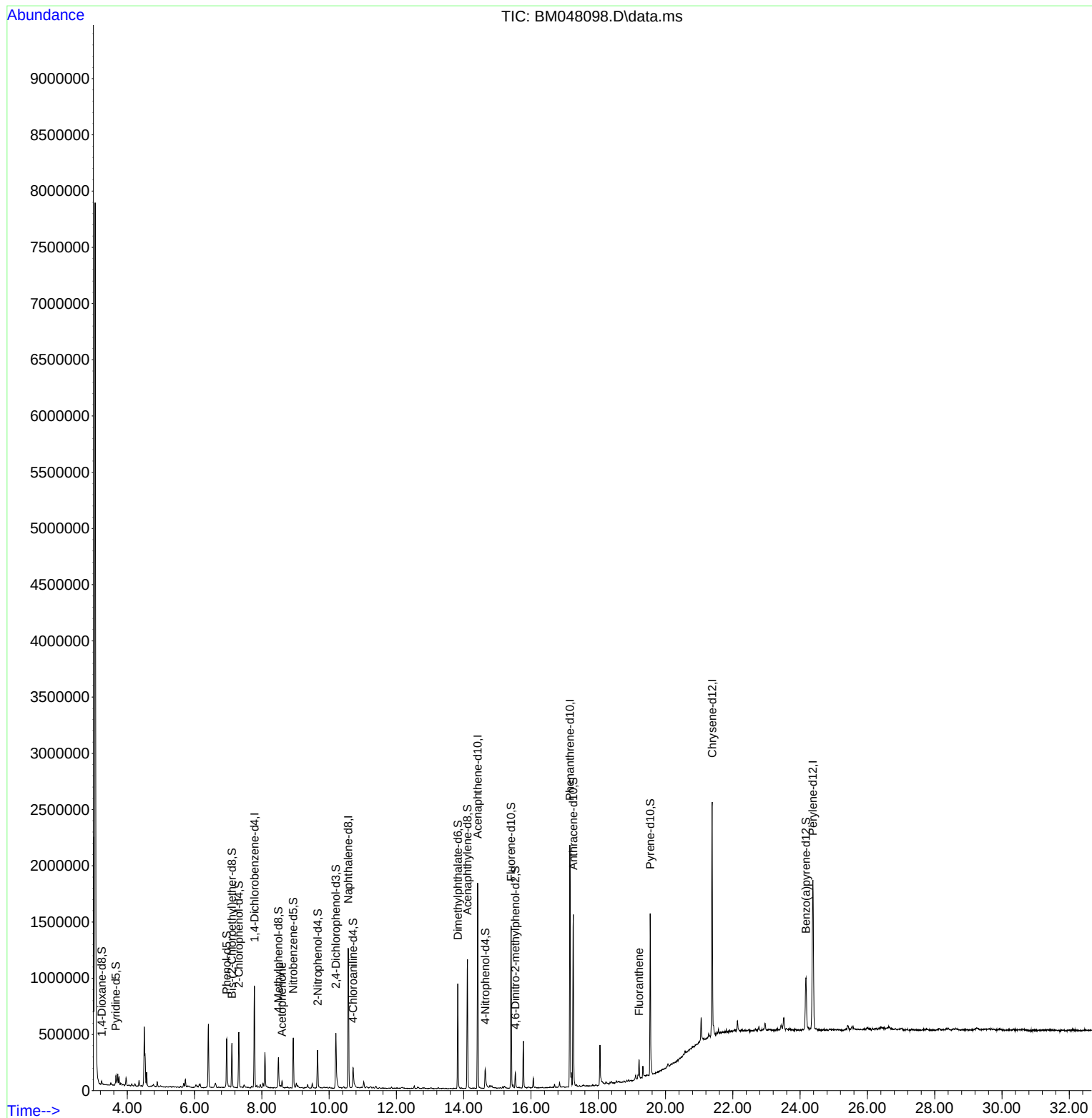
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 271964   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.569 | 136  | 1100318  | 20.000 | ng/u1  | #-0.01   |
| 38) Acenaphthene-d10          | 14.416 | 164  | 660173   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.157 | 188  | 1290752  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.386 | 240  | 1170575  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.380 | 264  | 1303912  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.240  | 96   | 15819    | 1.880  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.663  | 84   | 44047    | 1.788  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.957  | 99   | 285170   | 11.089 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.110  | 67   | 177284   | 9.715  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.316  | 132  | 255932   | 13.678 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.493  | 113  | 112128   | 5.864  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.934  | 128  | 121069   | 13.819 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.657  | 143  | 128499   | 15.306 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.198 | 165  | 219140   | 13.067 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.710 | 131  | 142585   | 5.499  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.827 | 166  | 688848   | 14.392 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.110 | 160  | 792509   | 13.965 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.639 | 143  | 72781    | 7.637  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.410 | 176  | 609239   | 14.695 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200  | 31283    | 4.142  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.257 | 188  | 902483   | 14.220 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.545 | 212  | 768646   | 11.570 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.174 | 264  | 461957   | 6.828  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.598  | 105  | 35393    | 1.082  | ng/u1  | 89       |
| 80) Fluoranthene              | 19.215 | 202  | 102315   | 1.308  | ng/u1  | 98       |
| -----                         |        |      |          |        |        |          |

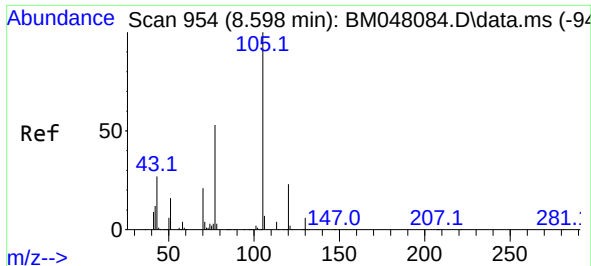
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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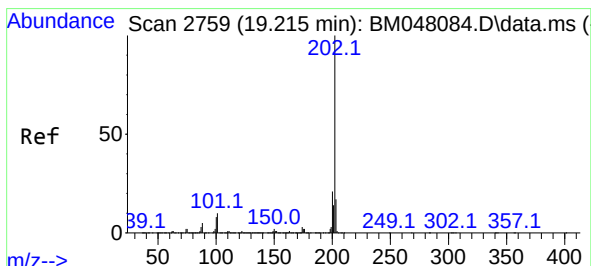
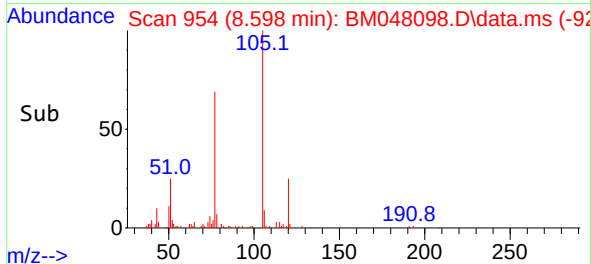
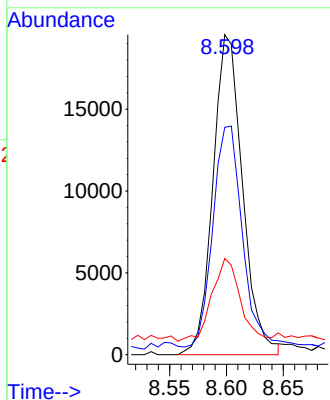
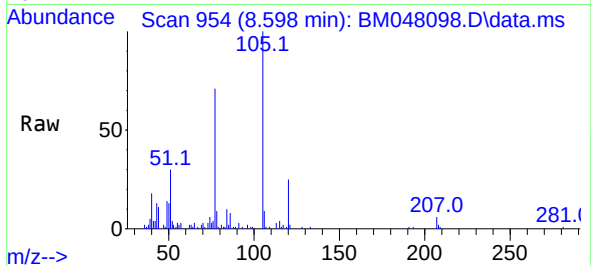




#16  
Acetophenone  
Concen: 1.082 ng/ul  
RT: 8.598 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BM048098.D  
Acq: 16 Oct 2024 21:48

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Tgt Ion:105 Resp: 35393  
Ion Ratio Lower Upper  
105 100  
77 71.1 66.6 100.0  
51 30.0 27.0 40.4



#80  
Fluoranthene  
Concen: 1.308 ng/ul  
RT: 19.215 min Scan# 2759  
Delta R.T. 0.000 min  
Lab File: BM048098.D  
Acq: 16 Oct 2024 21:48

Tgt Ion:202 Resp: 102315  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.0 13.4  
100 7.6 6.8 10.2

