

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101624\  
 Data File : BP022419.D  
 Acq On : 16 Oct 2024 18:30  
 Operator : RC/JU  
 Sample : P4284-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4EQ3

Quant Time: Oct 17 01:16:07 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP100724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 16 11:47:52 2024  
 Response via : Initial Calibration

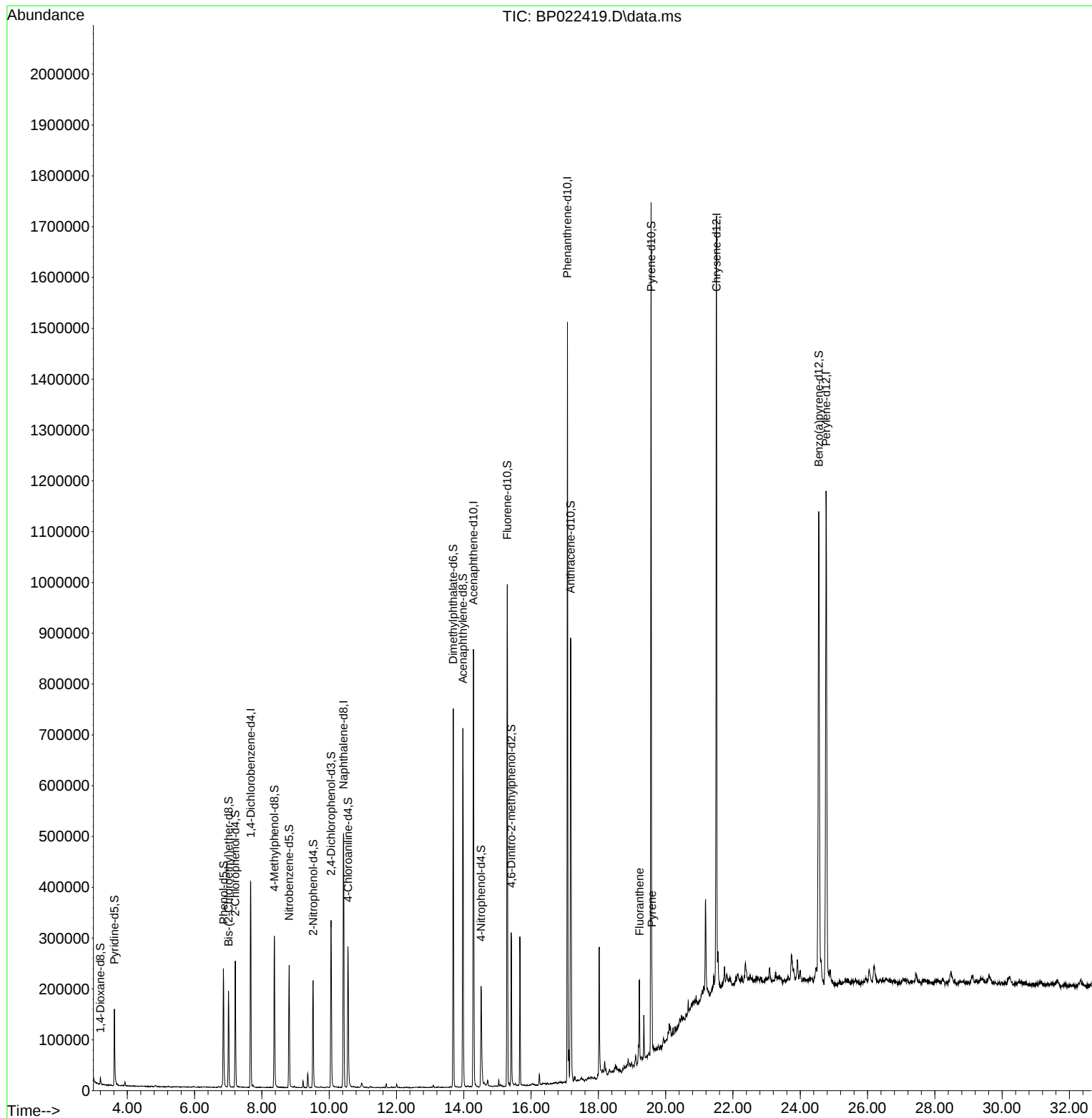
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.669  | 152  | 107380   | 20.000 | ng/u1  | 0.04     |
| 20) Naphthalene-d8            | 10.428 | 136  | 412806   | 20.000 | ng/u1  | 0.04     |
| 38) Acenaphthene-d10          | 14.287 | 164  | 327021   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.081 | 188  | 790739   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.510 | 240  | 851383   | 20.000 | ng/u1  | -0.01    |
| 88) Perylene-d12              | 24.768 | 264  | 1014308  | 20.000 | ng/u1  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.199  | 96   | 7026     | 2.543  | ng/uL  | 0.02     |
| 4) Pyridine-d5                | 3.617  | 84   | 86041    | 11.342 | ng/u1  | 0.03     |
| 7) Phenol-d5                  | 6.858  | 99   | 129763   | 14.356 | ng/u1  | 0.04     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.010  | 67   | 80034    | 15.065 | ng/u1  | 0.04     |
| 11) 2-Chlorophenol-d4         | 7.210  | 132  | 99927    | 15.580 | ng/u1  | 0.04     |
| 15) 4-Methylphenol-d8         | 8.369  | 113  | 109703   | 15.208 | ng/u1  | 0.04     |
| 21) Nitrobenzene-d5           | 8.810  | 128  | 49747    | 15.673 | ng/u1  | 0.04     |
| 24) 2-Nitrophenol-d4          | 9.522  | 143  | 62195    | 16.925 | ng/u1  | 0.03     |
| 28) 2,4-Dichlorophenol-d3     | 10.057 | 165  | 126175   | 16.155 | ng/u1  | 0.04     |
| 31) 4-Chloroaniline-d4        | 10.557 | 131  | 141087   | 15.288 | ng/u1  | 0.02     |
| 46) Dimethylphthalate-d6      | 13.687 | 166  | 474268   | 18.253 | ng/u1  | 0.02     |
| 49) Acenaphthylene-d8         | 13.975 | 160  | 483954   | 17.537 | ng/u1  | 0.01     |
| 54) 4-Nitrophenol-d4          | 14.516 | 143  | 57968    | 13.299 | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.292 | 176  | 408828   | 18.141 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.410 | 200  | 70482    | 13.553 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.175 | 188  | 693961   | 18.656 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.569 | 212  | 889281   | 19.752 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.551 | 264  | 1041747  | 19.231 | ng/u1  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.222 | 202  | 86357    | 1.668  | ng/u1  | 98       |
| 82) Pyrene                    | 19.592 | 202  | 80756    | 1.456  | ng/u1  | 99       |
| -----                         |        |      |          |        |        |          |

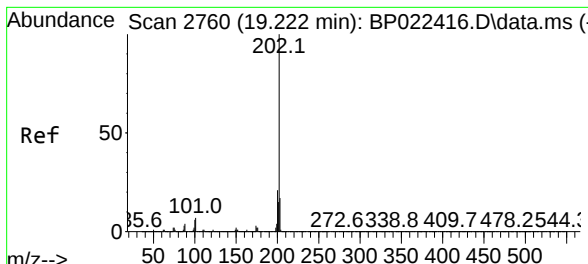
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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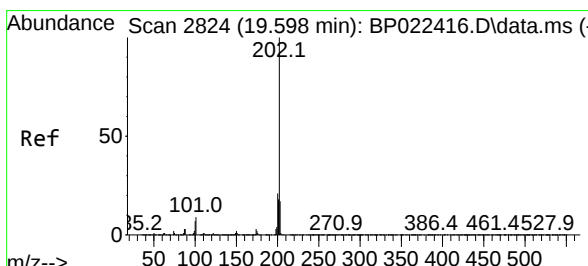
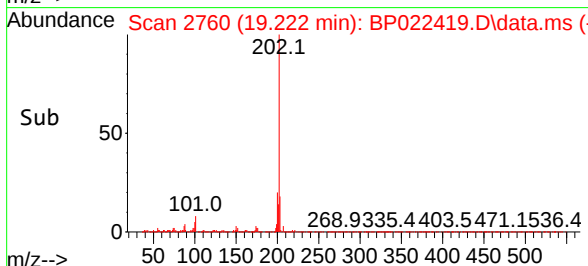
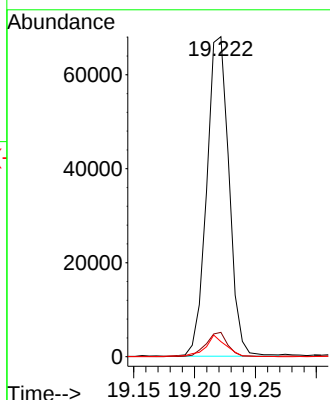
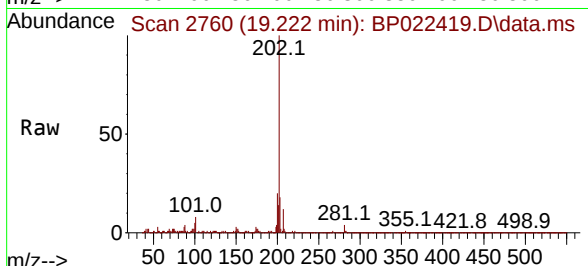




#80  
 Fluoranthene  
 Concen: 1.668 ng/ul  
 RT: 19.222 min Scan# 2760  
 Delta R.T. -0.006 min  
 Lab File: BP022419.D  
 Acq: 16 Oct 2024 18:30

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A4EQ3

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 86357 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 7.6   | 5.8   | 8.8   |
| 100       | 4.7   | 4.5   | 6.7   |



#82  
 Pyrene  
 Concen: 1.456 ng/ul  
 RT: 19.592 min Scan# 2823  
 Delta R.T. -0.011 min  
 Lab File: BP022419.D  
 Acq: 16 Oct 2024 18:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 80756 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 7.9   | 6.7   | 10.1  |
| 100       | 7.3   | 5.8   | 8.6   |

