

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061224\  
 Data File : BN031942.D  
 Acq On : 12 Jun 2024 15:23  
 Operator : MA/JU  
 Sample : P2678-12  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BH681

Quant Time: Jun 12 23:18:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 11 22:28:10 2024  
 Response via : Initial Calibration

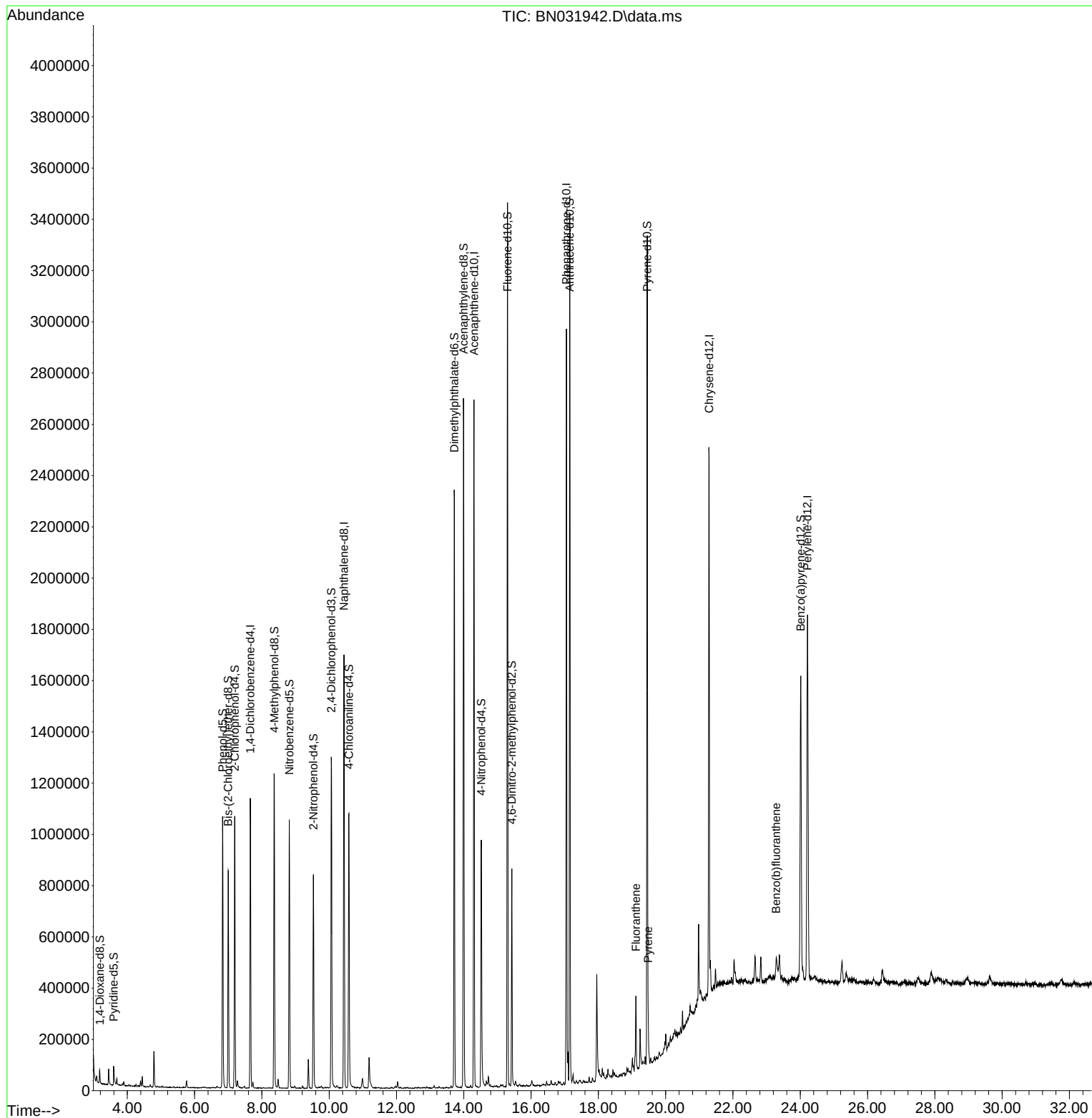
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.657  | 152  | 317196   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.440 | 136  | 1415247  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.304 | 164  | 912130   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.051 | 188  | 1728654  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.292 | 240  | 1116453  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.215 | 264  | 1257680  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.181  | 96   | 27629    | 3.604  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.593  | 84   | 41592    | 1.927  | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 6.834  | 99   | 637943   | 23.460 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.999  | 67   | 369086   | 23.205 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.193  | 132  | 512538   | 24.702 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.369  | 113  | 497876   | 22.461 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.816  | 128  | 269432   | 24.899 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.534  | 143  | 290385   | 25.978 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.063 | 165  | 509771   | 24.428 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.587 | 131  | 635383   | 20.507 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.722 | 166  | 1612010  | 25.368 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.992 | 160  | 1861879  | 25.482 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.522 | 143  | 248718   | 19.549 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.298 | 176  | 1347386  | 25.060 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.428 | 200  | 172499   | 19.852 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.151 | 188  | 1902029  | 25.700 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.451 | 212  | 1661389  | 27.808 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.015 | 264  | 1071341  | 17.839 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.116 | 202  | 149933   | 2.100  | ng/u1  | 99       |
| 82) Pyrene                    | 19.480 | 202  | 109787   | 1.499  | ng/u1  | 98       |
| 90) Benzo(b)fluoranthene      | 23.286 | 252  | 86649    | 1.153  | ng/u1  | 93       |
| -----                         |        |      |          |        |        |          |

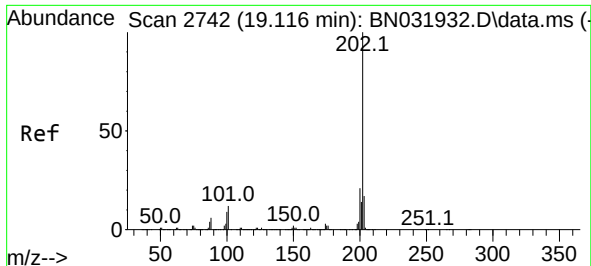
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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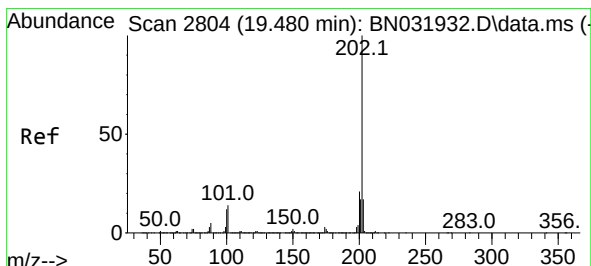
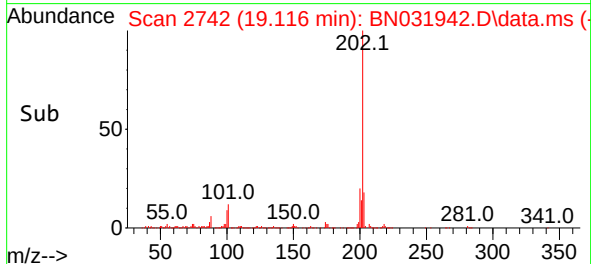
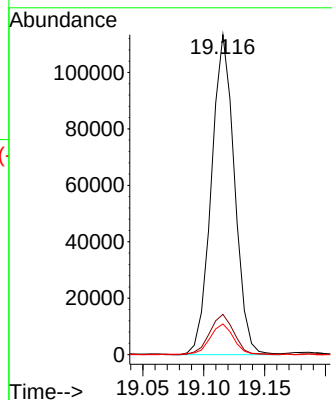
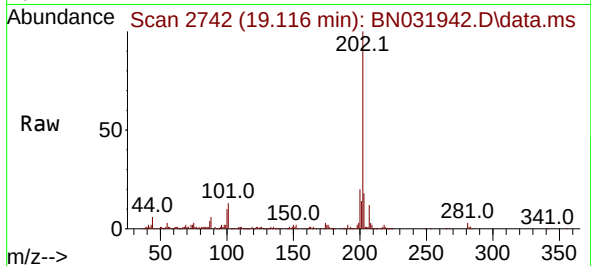




#80  
Fluoranthene  
Concen: 2.100 ng/u1  
RT: 19.116 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN031942.D  
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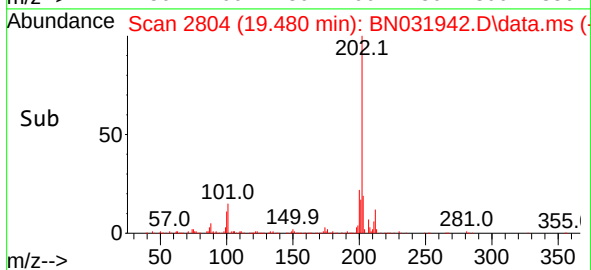
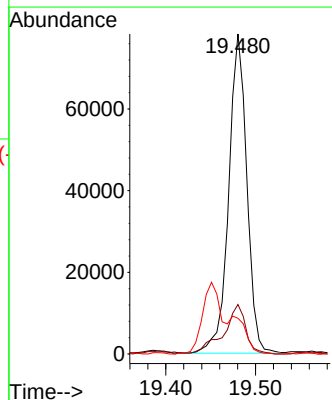
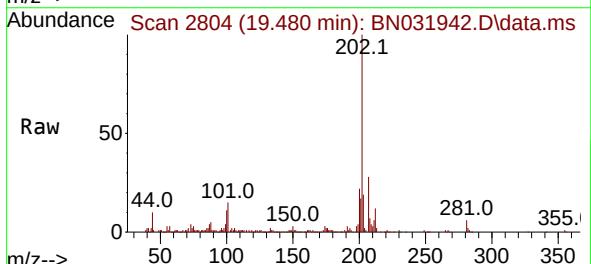
Instrument :  
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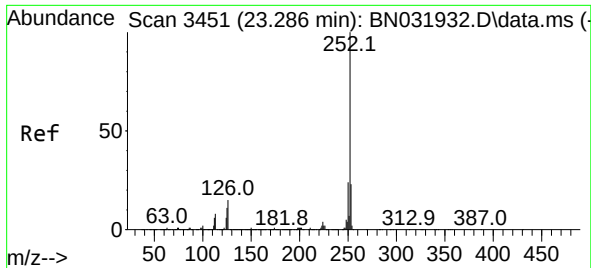
Tgt Ion:202 Resp: 149933  
Ion Ratio Lower Upper  
202 100  
101 12.6 10.3 15.5  
100 9.6 8.0 12.0



#82  
Pyrene  
Concen: 1.499 ng/u1  
RT: 19.480 min Scan# 2804  
Delta R.T. -0.006 min  
Lab File: BN031942.D  
Acq: 12 Jun 2024 15:23

Tgt Ion:202 Resp: 109787  
Ion Ratio Lower Upper  
202 100  
101 15.5 12.6 18.8  
100 11.2 10.2 15.2





#90  
 Benzo(b)fluoranthene  
 Concen: 1.153 ng/ul  
 RT: 23.286 min Scan# 3451  
 Delta R.T. -0.006 min  
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|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 86649     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 24.8  | 17.0 25.6 |
| 125         | 13.6  | 9.2 13.8  |

