

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\  
 Data File : BN001085.D  
 Acq On : 02 May 2018 23:39  
 Operator : JU/SJ  
 Sample : J2601-03  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DAT47

Quant Time: May 03 08:46:46 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 03 08:25:51 2018  
 Response via : Initial Calibration

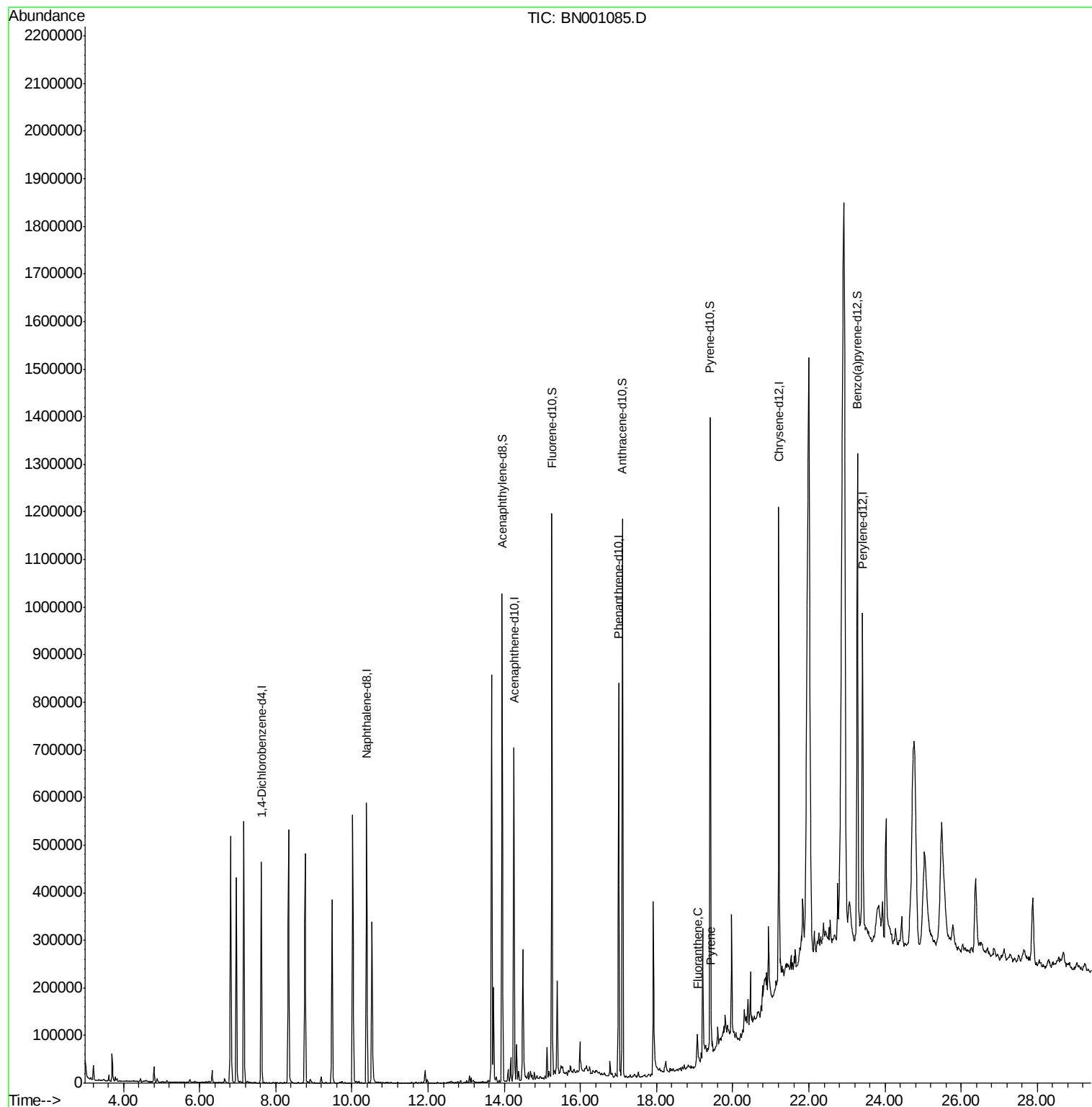
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 111372   | 20.00  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.39 | 136  | 454632   | 20.00  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.26 | 164  | 218151   | 20.00  | ng/ul  | 0.00     |
| 12) Phenanthrene-d10        | 17.00 | 188  | 420324   | 20.00  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.21 | 240  | 408640   | 20.00  | ng/ul  | 0.00     |
| 22) Perylene-d12            | 23.41 | 264  | 430455   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 7) Acenaphthylene-d8        | 13.95 | 160  | 636101   | 30.36  | ng/ul  | 0.00     |
| 10) Fluorene-d10            | 15.25 | 176  | 425474   | 30.42  | ng/ul  | 0.00     |
| 14) Anthracene-d10          | 17.10 | 188  | 593026   | 30.85  | ng/ul  | 0.00     |
| 18) Pyrene-d10              | 19.41 | 212  | 629824   | 30.08  | ng/ul  | 0.00     |
| 25) Benzo(a)pyrene-d12      | 23.27 | 264  | 673821   | 33.14  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          | Ovalue |        |          |
| 16) Fluoranthene            | 19.07 | 202  | 27979    | 1.203  | ng/ul# | 93       |
| 19) Pyrene                  | 19.44 | 202  | 26620    | 1.014  | ng/ul# | 90       |

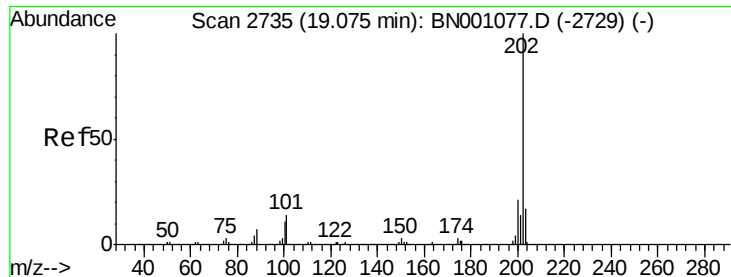
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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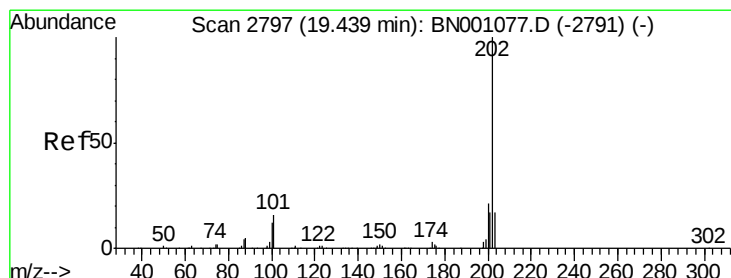
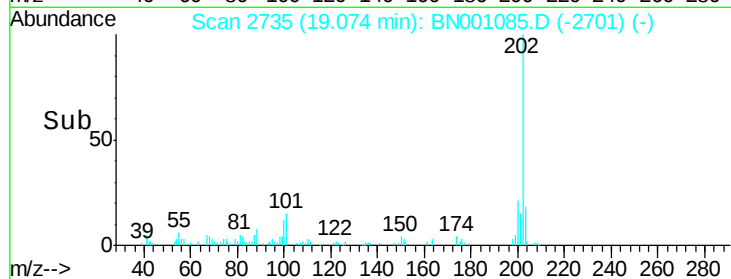
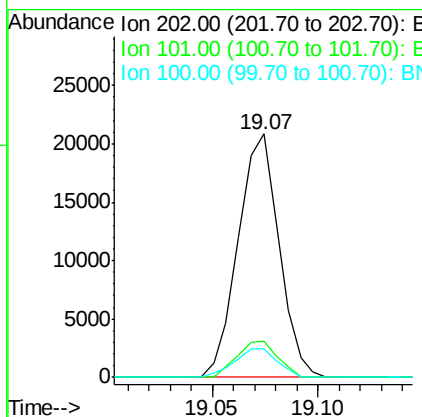
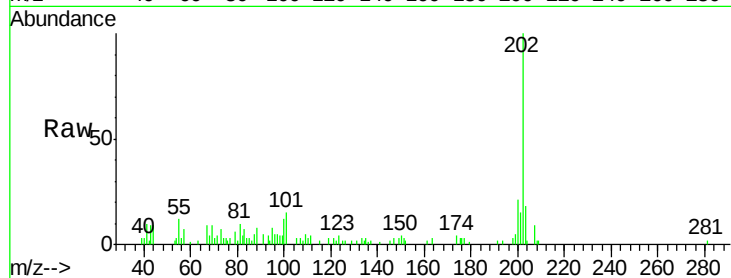




#16  
**Fluoranthene**  
 Concen: 1.203 ng/ul  
 RT: 19.07 min Scan# 2735  
 Delta R.T. -0.00 min  
 Lab File: BN001085.D  
 Acq: 02 May 2018 23:39

Instrument :  
 BNA\_N  
 ClientSampled :  
 DAT47

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.9  | 9.9   | 14.9  |
| 100     | 11.7  | 7.4   | 11.0# |



#19  
**Pyrene**  
 Concen: 1.014 ng/ul  
 RT: 19.44 min Scan# 2797  
 Delta R.T. -0.00 min  
 Lab File: BN001085.D  
 Acq: 02 May 2018 23:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 16.7  | 11.0  | 16.4# |
| 100     | 15.1  | 8.1   | 12.1# |

