

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN030719\  
 Data File : BN004644.D  
 Acq On : 07 Mar 2019 19:29  
 Operator : JU/SJ  
 Sample : K1657-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DB652

Quant Time: Mar 08 01:06:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN030719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 08 00:36:35 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 37489    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.50 | 136  | 173344   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.36 | 164  | 109843   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.11 | 188  | 262626   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.30 | 240  | 317637   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.56 | 264  | 315205   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 3851   | 5.79  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.88  | 99  | 38122  | 12.31 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 23638  | 14.63 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 37976  | 14.13 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 36063  | 13.39 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 19627  | 14.85 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.60  | 143 | 22321  | 14.87 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165 | 38251  | 13.37 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 53587  | 15.62 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.77 | 166 | 151459 | 15.95 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.06 | 160 | 166648 | 14.58 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.56 | 143 | 17420  | 9.88  | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.36 | 176 | 124756 | 15.46 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.48 | 200 | 21302  | 11.75 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.21 | 188 | 195381 | 15.27 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.51 | 212 | 223439 | 14.40 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 23.42 | 264 | 225097 | 13.30 | ng/ul | -0.01 |

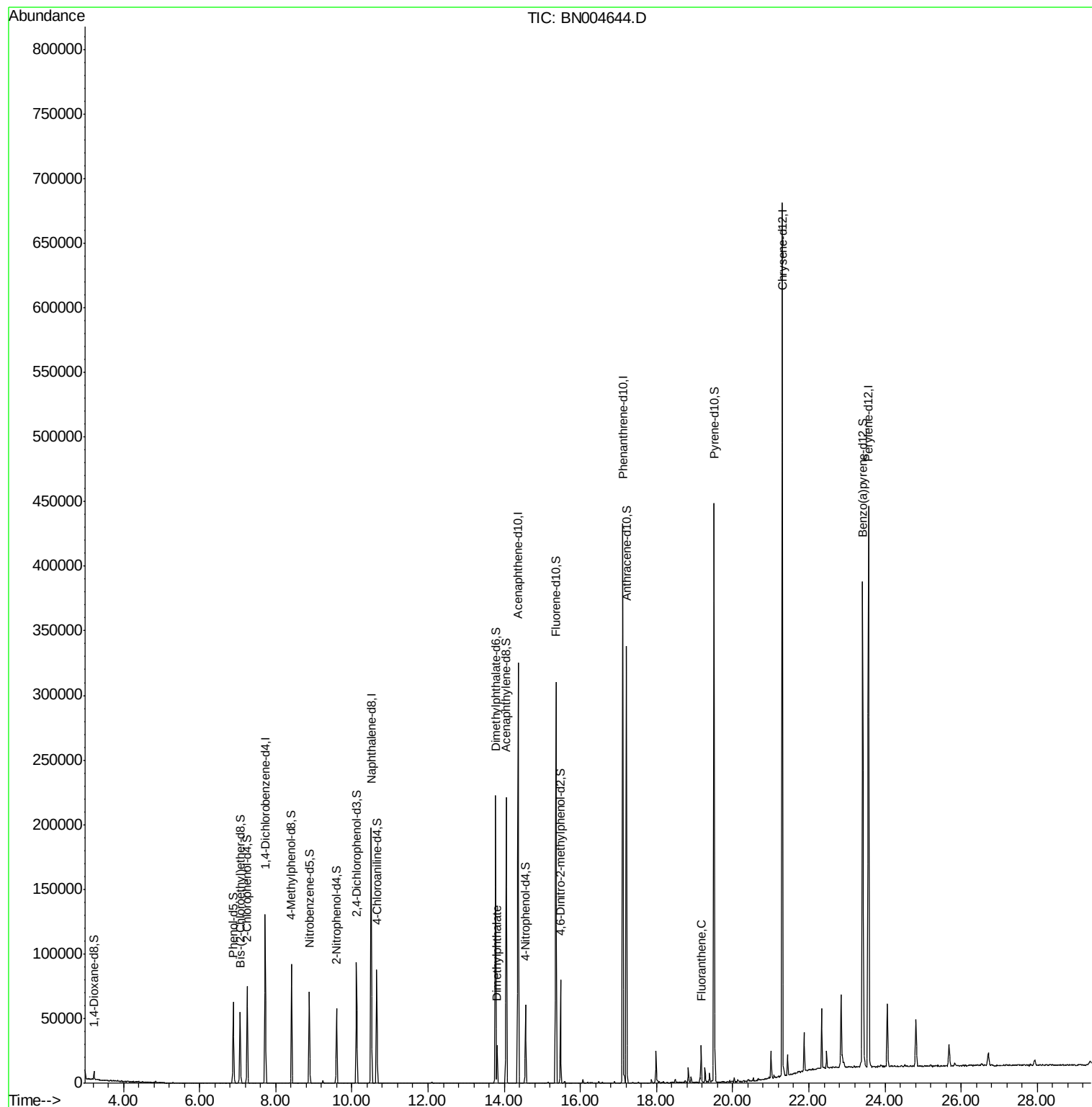
| Target Compounds      |       |     |       |             | Ovalue |
|-----------------------|-------|-----|-------|-------------|--------|
| 45) Dimethylphthalate | 13.82 | 163 | 20315 | 2.180 ng/ul | 99     |
| 77) Fluoranthene      | 19.17 | 202 | 18445 | 1.095 ng/ul | 99     |

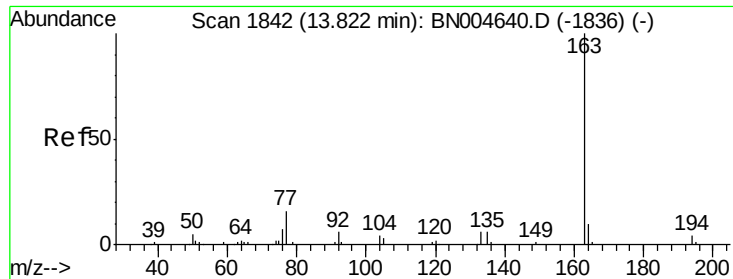
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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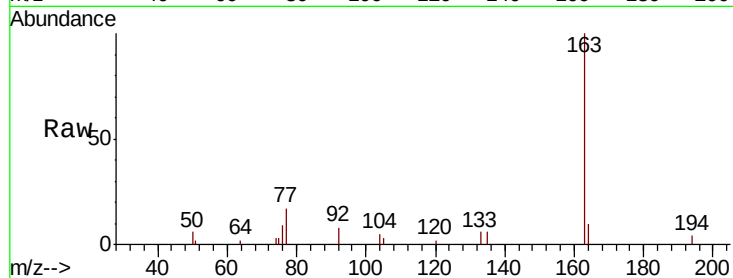




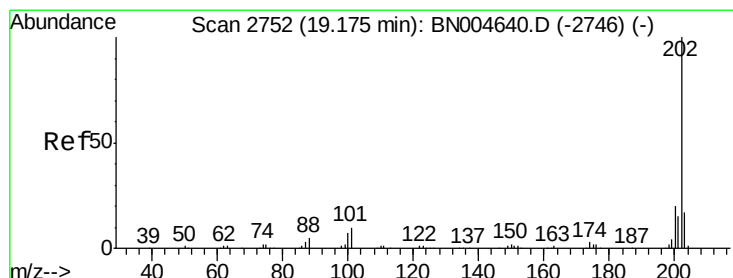
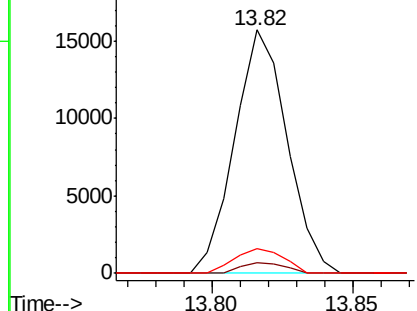
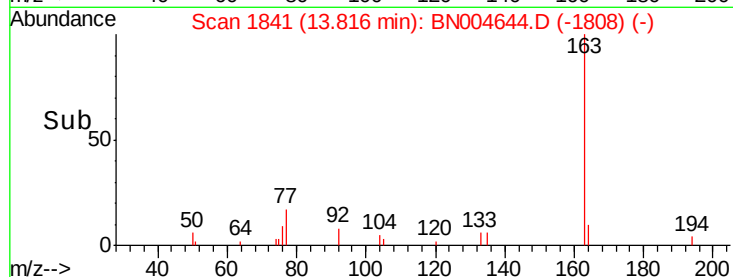
#45  
Dimethylphthalate  
Concen: 2.180 ng/ul  
RT: 13.82 min Scan# 1841  
Delta R.T. -0.01 min  
Lab File: BN004644.D  
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Tot Ion:163 Resp: 20315  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.4 5.2  
164 10.2 7.9 11.9

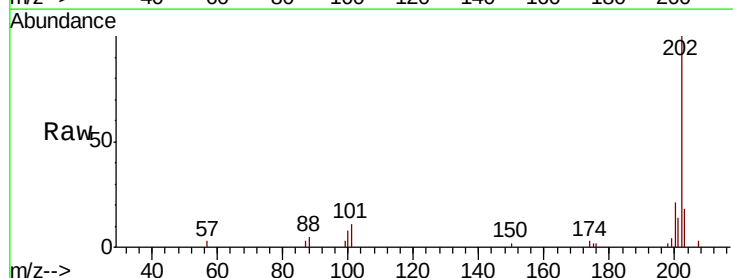


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



#77  
Fluoranthene  
Concen: 1.095 ng/ul  
RT: 19.17 min Scan# 2751  
Delta R.T. -0.01 min  
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Acq: 07 Mar 2019 19:29

Tgt Ion:202 Resp: 18445  
Ion Ratio Lower Upper  
202 100  
101 10.7 8.2 12.4  
100 7.9 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B

