

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\  
 Data File : BN000463.D  
 Acq On : 19 Mar 2018 20:57  
 Operator : JU/SJ  
 Sample : J1933-08  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BEEC3

Quant Time: Mar 20 02:02:14 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 20 01:58:48 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.42  | 152  | 264995   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.26 | 136  | 1160485  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.04 | 164  | 620036   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.77 | 188  | 1238559  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.88 | 240  | 981009   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.37 | 264  | 857695   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.60  | 96  | 33924   | 4.57  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.55  | 99  | 638799  | 25.84 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.73  | 67  | 407212  | 28.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.94  | 132 | 498753  | 26.68 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.12  | 113 | 437206  | 22.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.60  | 128 | 261120  | 27.70 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.33 | 143 | 282325  | 28.92 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.87 | 165 | 467415  | 26.71 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.38 | 131 | 493930  | 27.49 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.42 | 166 | 1590690 | 32.47 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.74 | 160 | 1941008 | 30.04 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.21 | 143 | 278808  | 30.65 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.02 | 176 | 1304015 | 31.24 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.14 | 200 | 192240  | 27.10 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.86 | 188 | 1882558 | 31.62 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.12 | 212 | 1871139 | 34.55 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.21 | 264 | 1264325 | 31.23 | ng/ul | 0.00 |

## Target Compounds

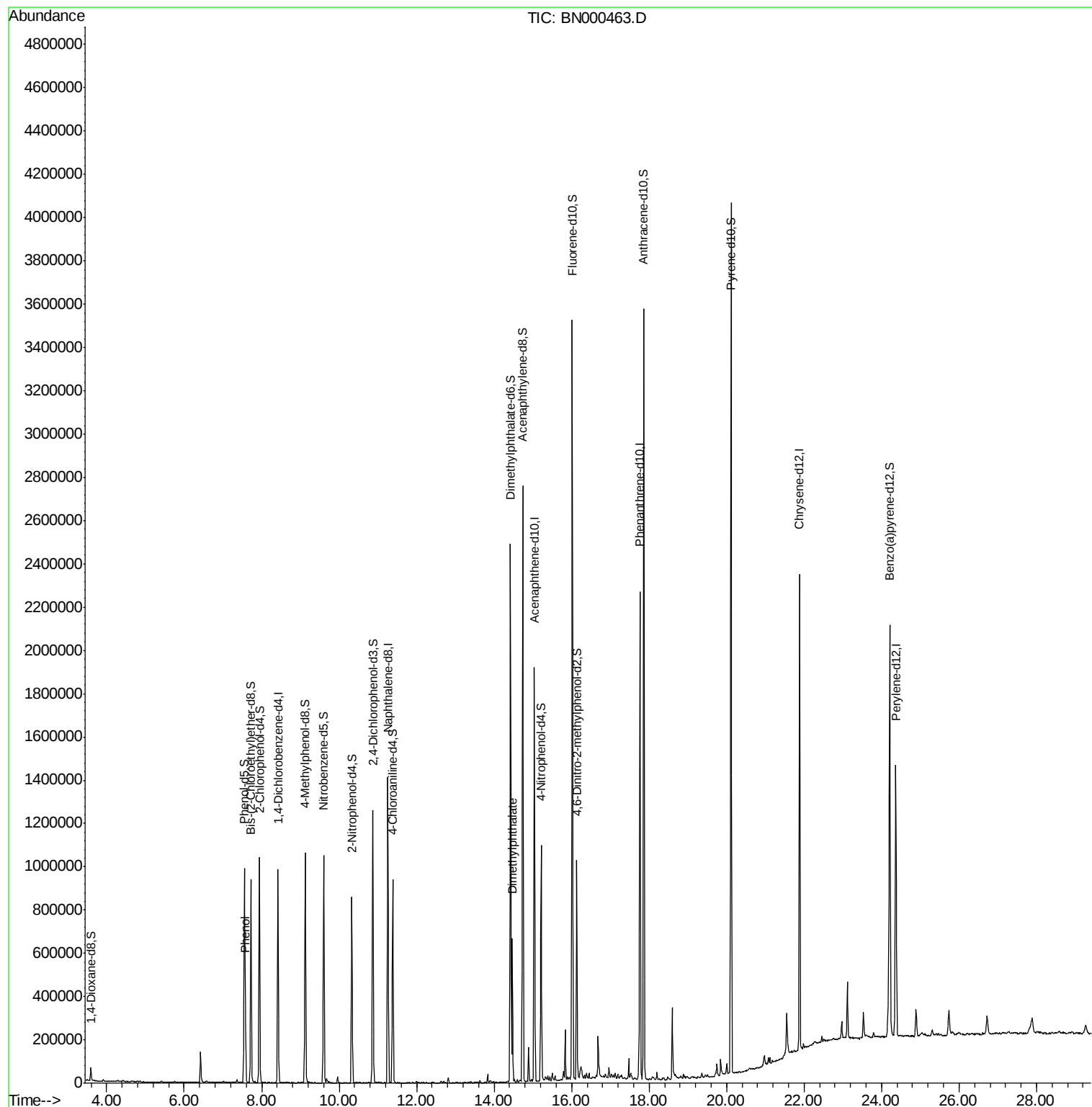
|                       |       |     |        | Ovalue |           |
|-----------------------|-------|-----|--------|--------|-----------|
| 6) Phenol             | 7.58  | 94  | 176056 | 6.980  | ng/ul 95  |
| 44) Dimethylphthalate | 14.47 | 163 | 379578 | 7.834  | ng/ul# 98 |

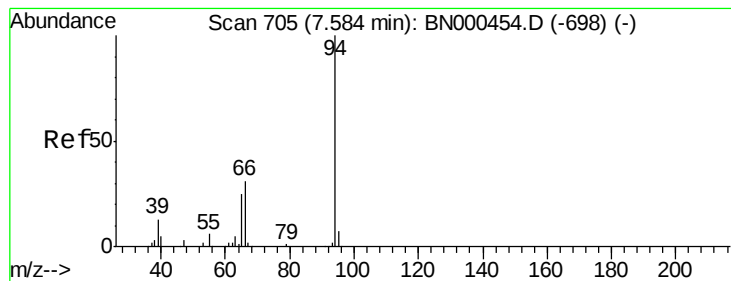
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.980 ng/ul

RT: 7.58 min Scan# 704

Delta R.T. -0.01 min

Lab File: BN000463.D

Acq: 19 Mar 2018 20:57

Instrument :

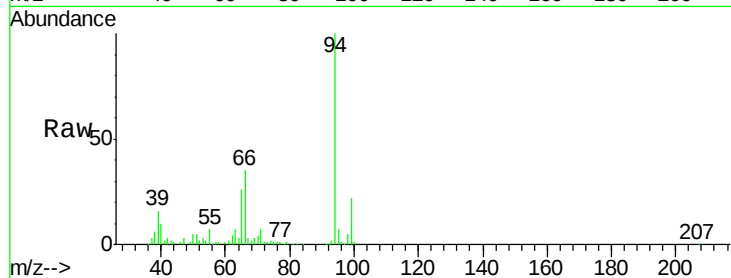
BNA\_N

ClientSampleID :

BEEC3

Tot Ion: 94 Resp: 176056

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 26.2  | 23.0  | 34.6  |
| 66  | 35.3  | 30.4  | 45.6  |

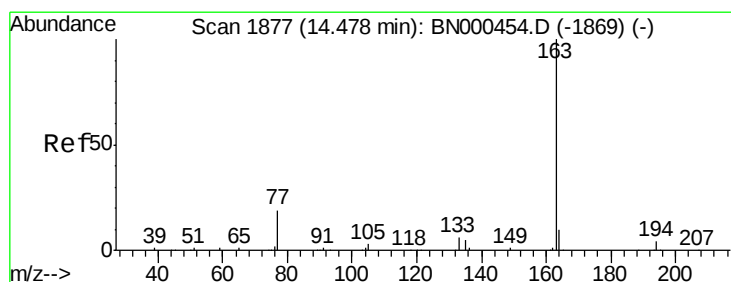
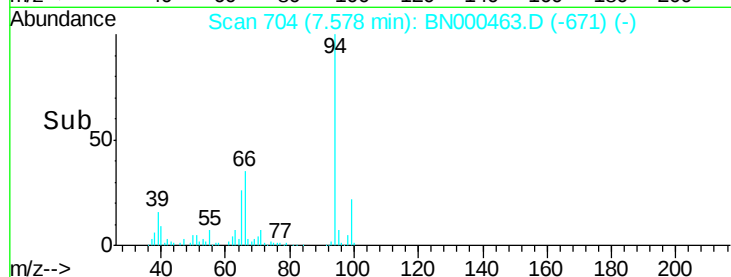
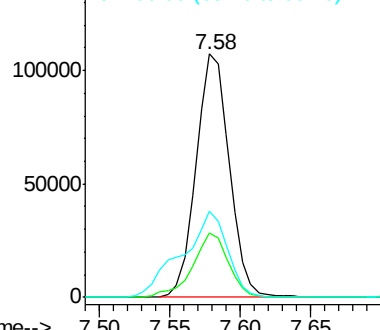


Abundance

Ion 94.00 (93.70 to 94.70): BN000454.D (-698) (-)

Ion 65.00 (64.70 to 65.70): BN000454.D (-698) (-)

Ion 66.00 (65.70 to 66.70): BN000454.D (-698) (-)



#44

Dimethylphthalate

Concen: 7.834 ng/ul

RT: 14.47 min Scan# 1876

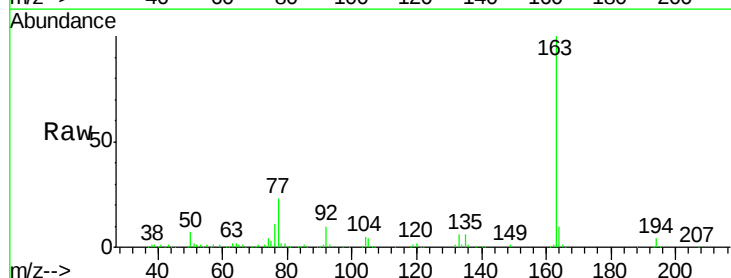
Delta R.T. -0.01 min

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Acq: 19 Mar 2018 20:57

Tgt Ion: 163 Resp: 379578

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.9   | 4.0   | 6.0#  |
| 164 | 9.9   | 8.4   | 12.6  |



Abundance

Ion 163.00 (162.70 to 163.70): BN000454.D (-1869) (-)

Ion 194.00 (193.70 to 194.70): BN000454.D (-1869) (-)

Ion 164.00 (163.70 to 164.70): BN000454.D (-1869) (-)

