

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN081518\  
 Data File : BN002360.D  
 Acq On : 16 Aug 2018 15:31  
 Operator : JU/SJ  
 Sample : J4452-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AA1

Quant Time: Aug 16 16:30:37 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 16 01:50:44 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 145770   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 619298   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.31 | 164  | 391486   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 1030261  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.26 | 240  | 1117034  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.47 | 264  | 1149685  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |      |     |    |      |       |
|--------------------------------|------|-----|----|------|-------|
| 3) 1,4-Dioxane-d8              | 0.00 | 96  | 0  | 0.00 | ng/uL |
| 5) Phenol-d5                   | 0.00 | 99  | 0  | 0.00 | ng/ul |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00 | 67  | 0  | 0.00 | ng/ul |
| 9) 2-Chlorophenol-d4           | 0.00 | 132 | 0  | 0.00 | ng/ul |
| 13) 4-Methylphenol-d8          | 0.00 | 113 | 0  | 0.00 | ng/ul |
| 19) Nitrobenzene-d5            | 0.00 | 128 | 0  | 0.00 | ng/ul |
| 22) 2-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |
| 26) 2,4-Dichlorophenol-d3      | 0.00 | 165 | 0  | 0.00 | ng/ul |
| 29) 4-Chloroaniline-d4         | 0.00 | 131 | 0d | 0.00 | ng/ul |
| 43) Dimethylphthalate-d6       | 0.00 | 166 | 0  | 0.00 | ng/ul |
| 46) Acenaphthylene-d8          | 0.00 | 160 | 0  | 0.00 | ng/ul |
| 51) 4-Nitrophenol-d4           | 0.00 | 143 | 0  | 0.00 | ng/ul |
| 57) Fluorene-d10               | 0.00 | 176 | 0d | 0.00 | ng/ul |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0  | 0.00 | ng/ul |
| 70) Anthracene-d10             | 0.00 | 188 | 0d | 0.00 | ng/ul |
| 78) Pyrene-d10                 | 0.00 | 212 | 0  | 0.00 | ng/ul |
| 89) Benzo(a)pyrene-d12         | 0.00 | 264 | 0d | 0.00 | ng/ul |

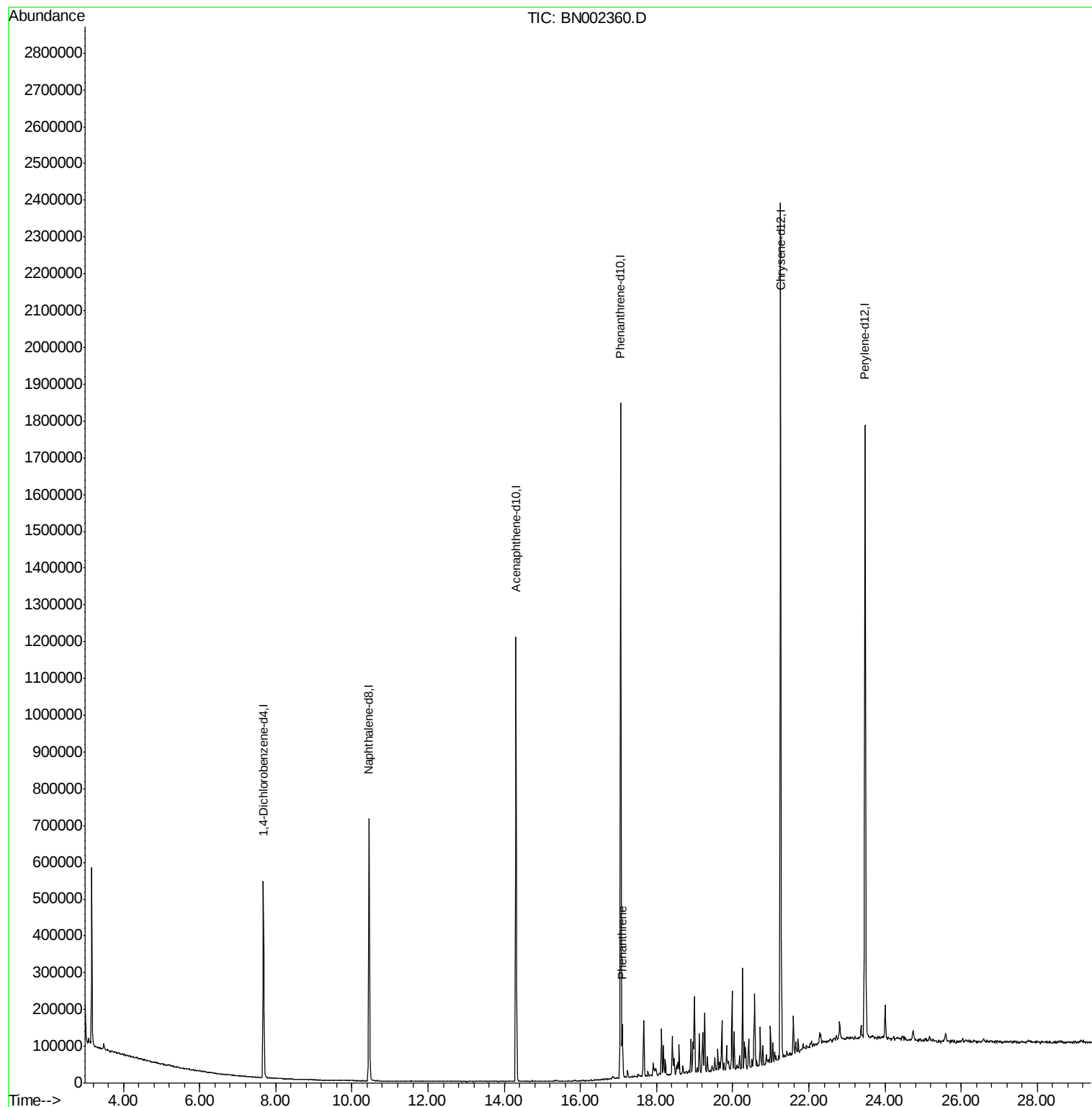
| Target Compounds |       |     |       |             | Qvalue |
|------------------|-------|-----|-------|-------------|--------|
| 69) Phenanthrene | 17.10 | 178 | 85848 | 1.512 ng/ul | 98     |

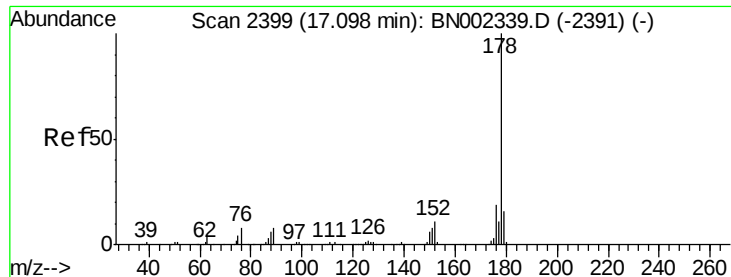
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN081518\  
Data File : BN002360.D  
Acq On : 16 Aug 2018 15:31  
Operator : JU/SJ  
Sample : J4452-02  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AA1

Quant Time: Aug 16 16:30:37 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 16 01:50:44 2018  
Response via : Initial Calibration





#69

Phenanthrene

Concen: 1.512 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BN002360.D

Acq: 16 Aug 2018 15:31

Instrument :

BNA\_N

ClientSampleId :

C0AA1

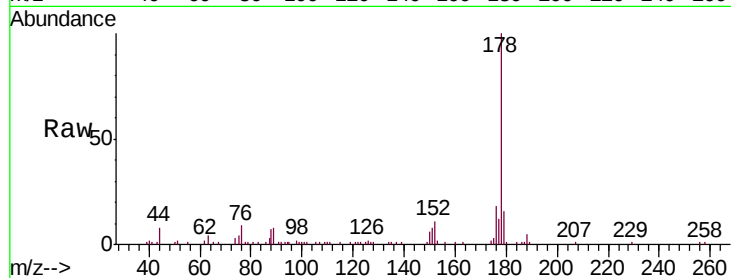
Tgt Ion:178 Resp: 85848

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.1 15.6 23.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

