

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062018\  
 Data File : BN001894.D  
 Acq On : 20 Jun 2018 19:44  
 Operator : JU/SJ  
 Sample : J3568-06  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jun 21 01:11:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 19 14:50:02 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 528708   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.49 | 136  | 2317378  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.35 | 164  | 1251322  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.09 | 188  | 2434100  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.29 | 240  | 2025058  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.52 | 264  | 2095268  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 38395   | 3.15  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.89  | 99  | 858066  | 17.93 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 544469  | 18.44 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 704109  | 18.56 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 691540  | 18.04 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.86  | 128 | 337118  | 19.59 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.58  | 143 | 362472  | 20.35 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.11 | 165 | 689361  | 18.13 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 821946  | 20.88 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.76 | 166 | 2019888 | 19.12 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.03 | 160 | 2587732 | 19.84 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.54 | 143 | 269174  | 13.83 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.34 | 176 | 1739531 | 18.78 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 201857  | 15.22 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.19 | 188 | 2392644 | 20.34 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.49 | 212 | 2359402 | 23.11 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.38 | 264 | 2375308 | 20.85 | ng/ul | 0.00 |

## Target Compounds

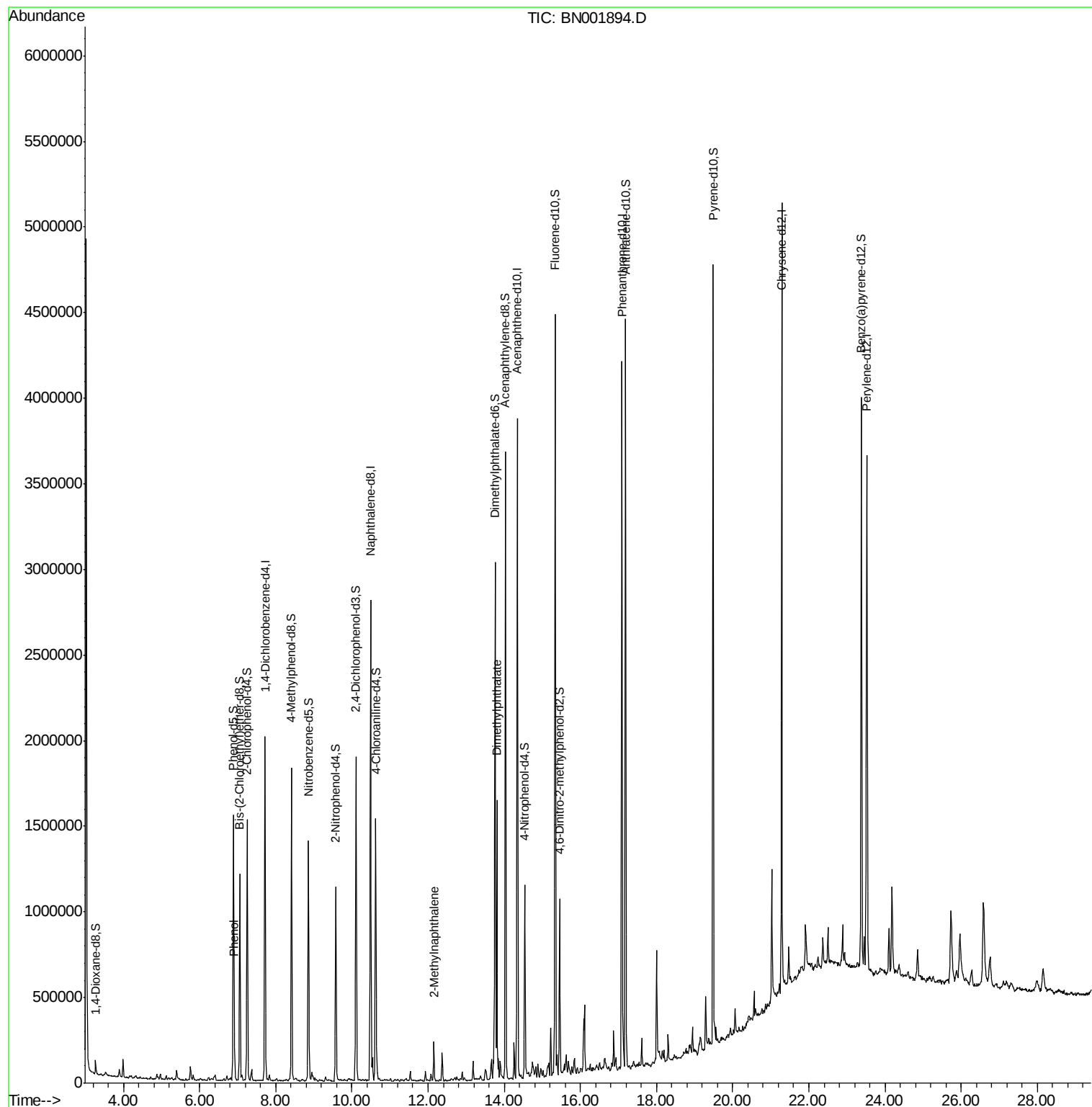
|                         |       |     |         |             | Ovalue |
|-------------------------|-------|-----|---------|-------------|--------|
| 6) Phenol               | 6.91  | 94  | 90785   | 1.882 ng/ul | 96     |
| 34) 2-Methylnaphthalene | 12.15 | 142 | 108873  | 1.221 ng/ul | 96     |
| 44) Dimethylphthalate   | 13.80 | 163 | 1021503 | 9.836 ng/ul | 98     |

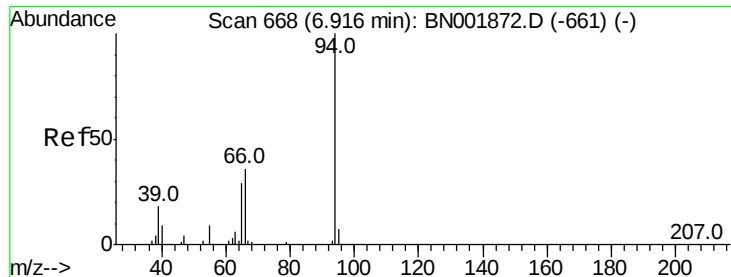
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.882 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.01 min

Lab File: BN001894.D

Acq: 20 Jun 2018 19:44

Instrument :

BNA\_N

ClientSampleId :

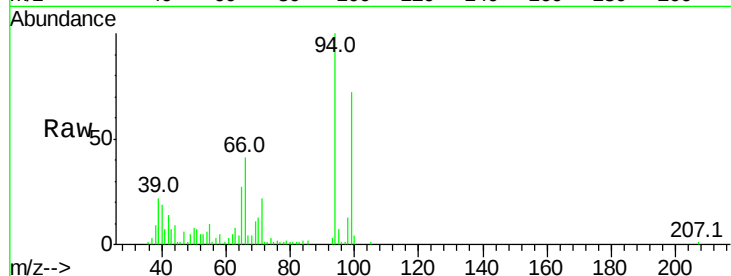
Tot Ion: 94 Resp: 90785

Ion Ratio Lower Upper

94 100

65 27.2 23.0 34.6

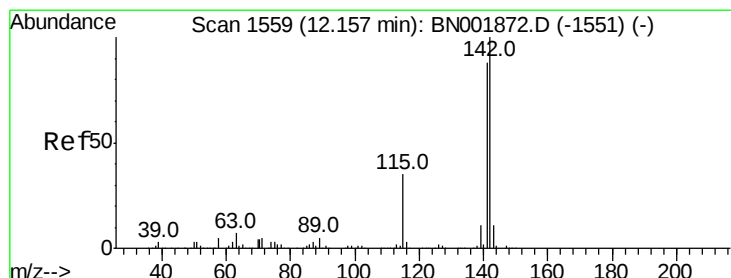
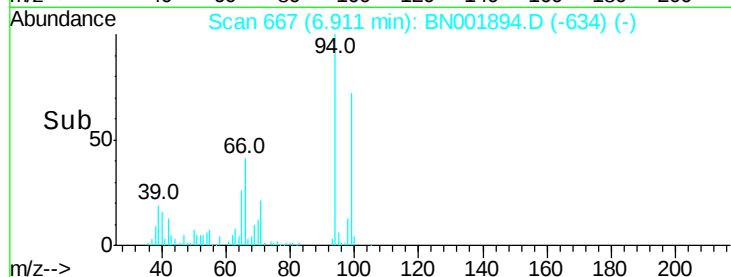
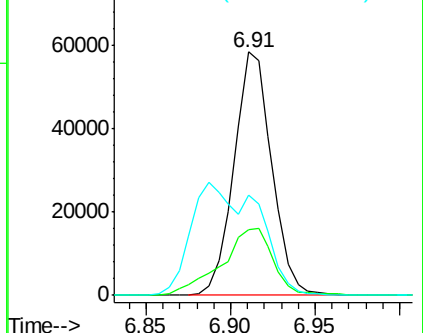
66 41.2 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN001872.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BN001872.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BN001872.D (-661) (-)



#34

2-Methylnaphthalene

Concen: 1.221 ng/ul

RT: 12.15 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN001894.D

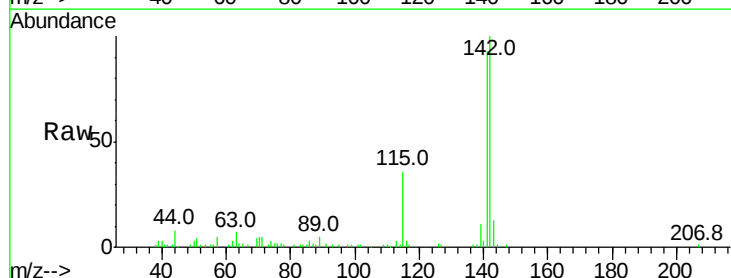
Acq: 20 Jun 2018 19:44

Tgt Ion: 142 Resp: 108873

Ion Ratio Lower Upper

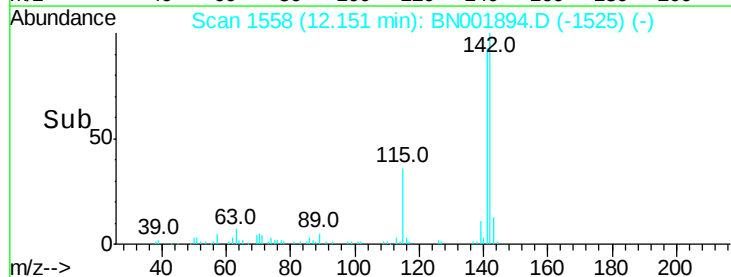
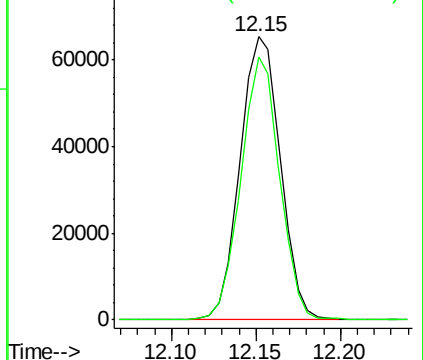
142 100

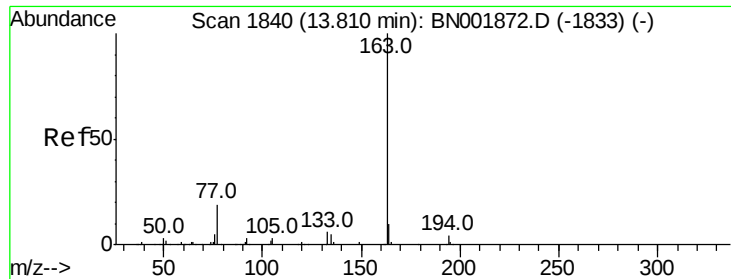
141 92.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): BN001872.D (-1551) (-)

Ion 141.00 (140.70 to 141.70): BN001872.D (-1551) (-)





#44

Dimethylphthalate

Concen: 9.836 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BN001894.D

Acq: 20 Jun 2018 19:44

Instrument :

BNA\_N

ClientSampleId :

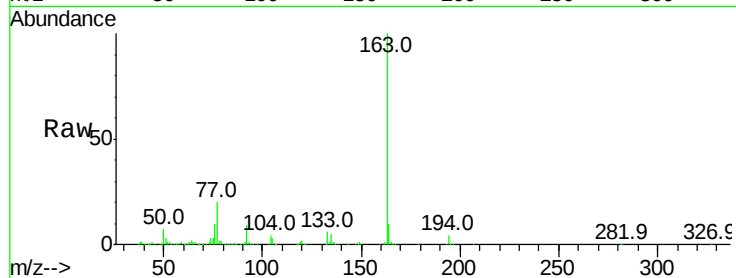
Tot Ion:163 Resp: 1021503

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

164 10.0 8.4 12.6



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

