

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN071918\  
 Data File : BN002073.D  
 Acq On : 19 Jul 2018 15:17  
 Operator : JU/SJ  
 Sample : J4024-16  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DB1P3

Manual Integrations  
 APPROVED

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 7/20/2018 4:05:39 PM

Quant Time: Jul 19 17:54:53 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 17 00:49:33 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 256084   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.47 | 136  | 1193609  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.33 | 164  | 734738   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.08 | 188  | 1709512  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.28 | 240  | 1824353  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.52 | 264  | 1769062  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 33355   | 5.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.88  | 99  | 169745  | 7.04  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.04  | 67  | 479301  | 32.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.24  | 132 | 501668  | 26.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.40  | 113 | 325813  | 16.77 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.85  | 128 | 335397  | 33.92 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 382897  | 34.25 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 613438  | 30.30 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 49613   | 2.13  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.75 | 166 | 2204320 | 35.39 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.02 | 160 | 2719001 | 35.09 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 77681m  | 6.53  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.33 | 176 | 1916778 | 35.79 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 355567  | 31.93 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.18 | 188 | 2974630 | 35.69 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.48 | 212 | 3296747 | 34.76 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.38 | 264 | 3430246 | 35.91 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |              | Ovalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 6) Phenol                      | 6.90  | 94  | 31777  | 1.312 ng/ul  | 94     |
| 44) Dimethylphthalate          | 13.79 | 163 | 281128 | 4.608 ng/ul  | 98     |
| 83) Bis(2-ethylhexyl)phthalate | 21.21 | 149 | 340029 | 4.319 ng/ul# | 96     |

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

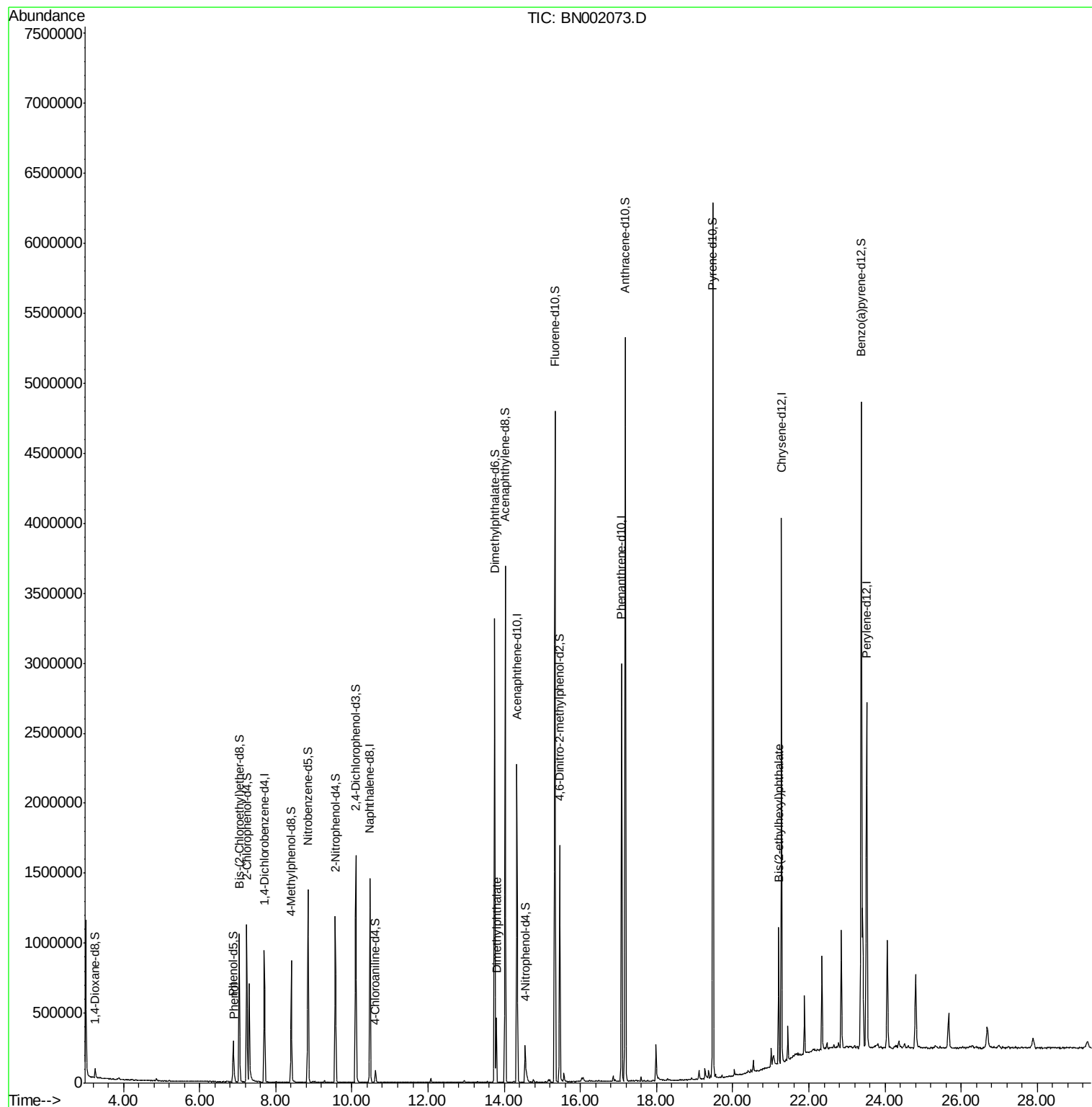
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\  
Data File : BN002073.D  
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Sample : J4024-16  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

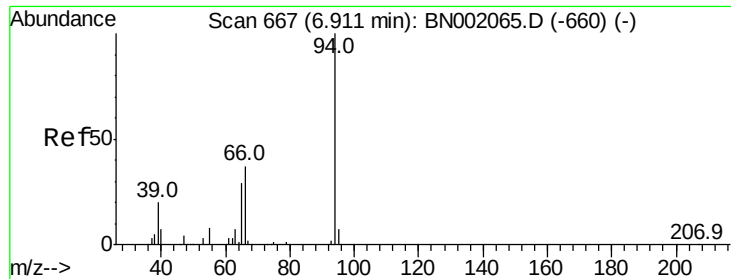
Instrument :  
BNA\_N  
ClientSampleId :  
DB1P3

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Quant Time: Jul 19 17:54:53 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN071318MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jul 17 00:49:33 2018  
Response via : Initial Calibration





#6

Phenol

Concen: 1.312 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.01 min

Lab File: BN002073.D

Acq: 19 Jul 2018 15:17

Instrument :

BNA\_N

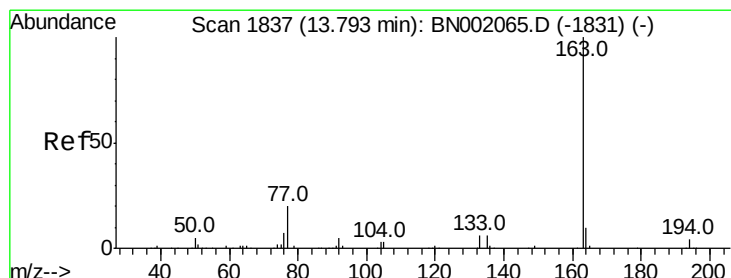
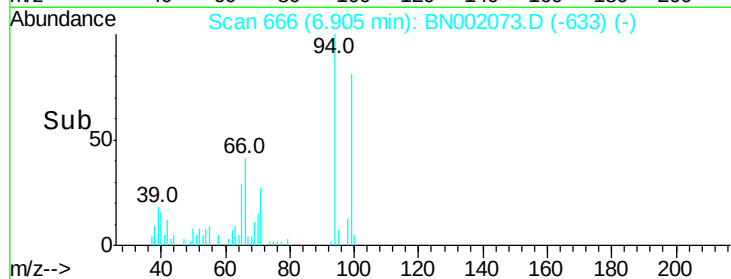
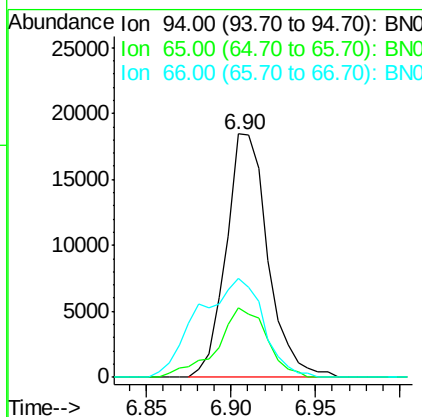
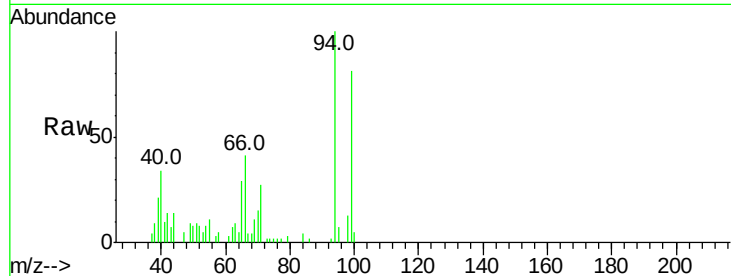
ClientSampled :

DB1P3

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 94    | Resp: | 31777 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 28.8  | 21.0  | 31.6  |
| 66        | 40.8  | 29.3  | 43.9  |

Manual Integrations  
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#44

Dimethylphthalate

Concen: 4.608 ng/ul

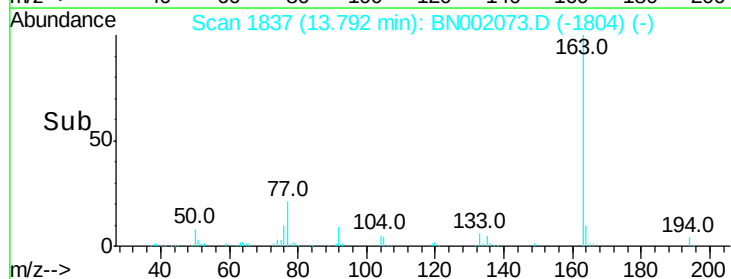
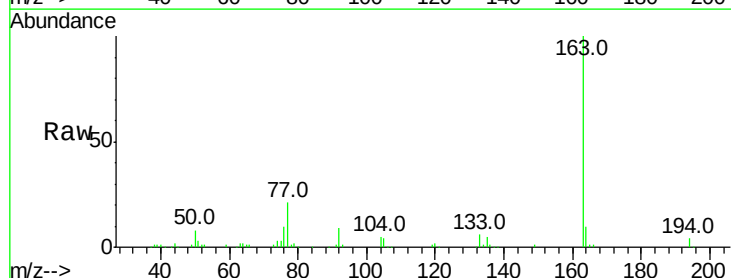
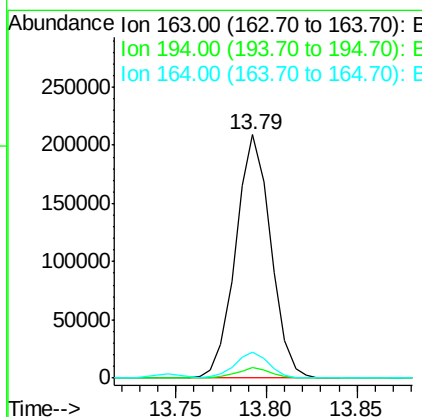
RT: 13.79 min Scan# 1837

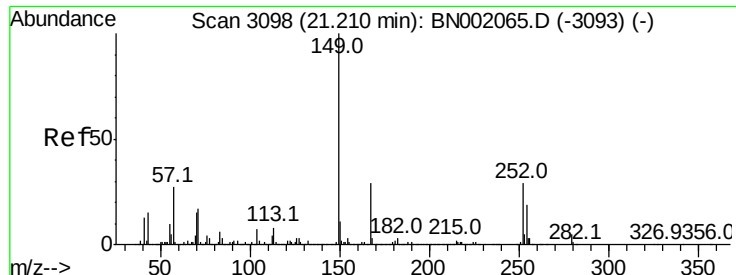
Delta R.T. -0.01 min

Lab File: BN002073.D

Acq: 19 Jul 2018 15:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 281128 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.4   | 3.2   | 4.8    |
| 164       | 10.5  | 7.8   | 11.8   |





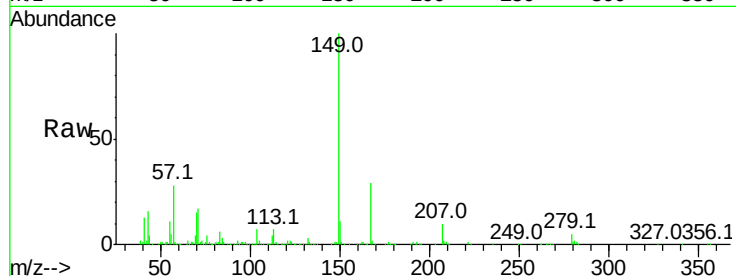
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.319 ng/ul  
 RT: 21.21 min Scan# 3098  
 Delta R.T. 0.00 min  
 Lab File: BN002073.D  
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Instrument :  
 BNA\_N  
 ClientSampleId :  
 DB1P3

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 29.0  | 21.6       | 32.4  |
| 279     | 4.9   | 3.0        | 4.4   |

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Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

