

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN080318\  
 Data File : BN002232.D  
 Acq On : 03 Aug 2018 21:04  
 Operator : JU/SJ  
 Sample : J4265-13  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AB5

Manual Integrations  
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 8/6/2018 12:49:22 PM

Quant Time: Aug 04 03:53:34 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 04 03:46:32 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 238585   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 1012902  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 530239   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 1070527  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.26 | 240  | 1012376  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.49 | 264  | 1034694  | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| System Monitoring Compounds    |       |     |         |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 33612m  | 6.36  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 131573  | 5.86  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.03  | 67  | 399778  | 29.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 402533  | 22.68 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 251800  | 13.91 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 256092  | 30.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 269123  | 28.37 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 435827  | 25.37 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 33643   | 1.70  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.73 | 166 | 1389565 | 30.92 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.01 | 160 | 1763648 | 31.54 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.54 | 143 | 37969   | 4.42  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.32 | 176 | 1165506 | 30.15 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 181564  | 26.04 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.16 | 188 | 1722096 | 32.99 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.46 | 212 | 1758127 | 33.41 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.35 | 264 | 1748574 | 31.30 | ng/ul | 0.00 |

|                  |       |     |        |       |        |    |
|------------------|-------|-----|--------|-------|--------|----|
| Target Compounds |       |     |        |       | Ovalue |    |
| 6) Phenol        | 6.89  | 94  | 30076  | 1.333 | ng/ul# | 85 |
| 14) Acetophenone | 8.50  | 105 | 50851  | 1.851 | ng/ul# | 86 |
| 28) Naphthalene  | 10.51 | 128 | 103915 | 1.942 | ng/ul  | 99 |

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

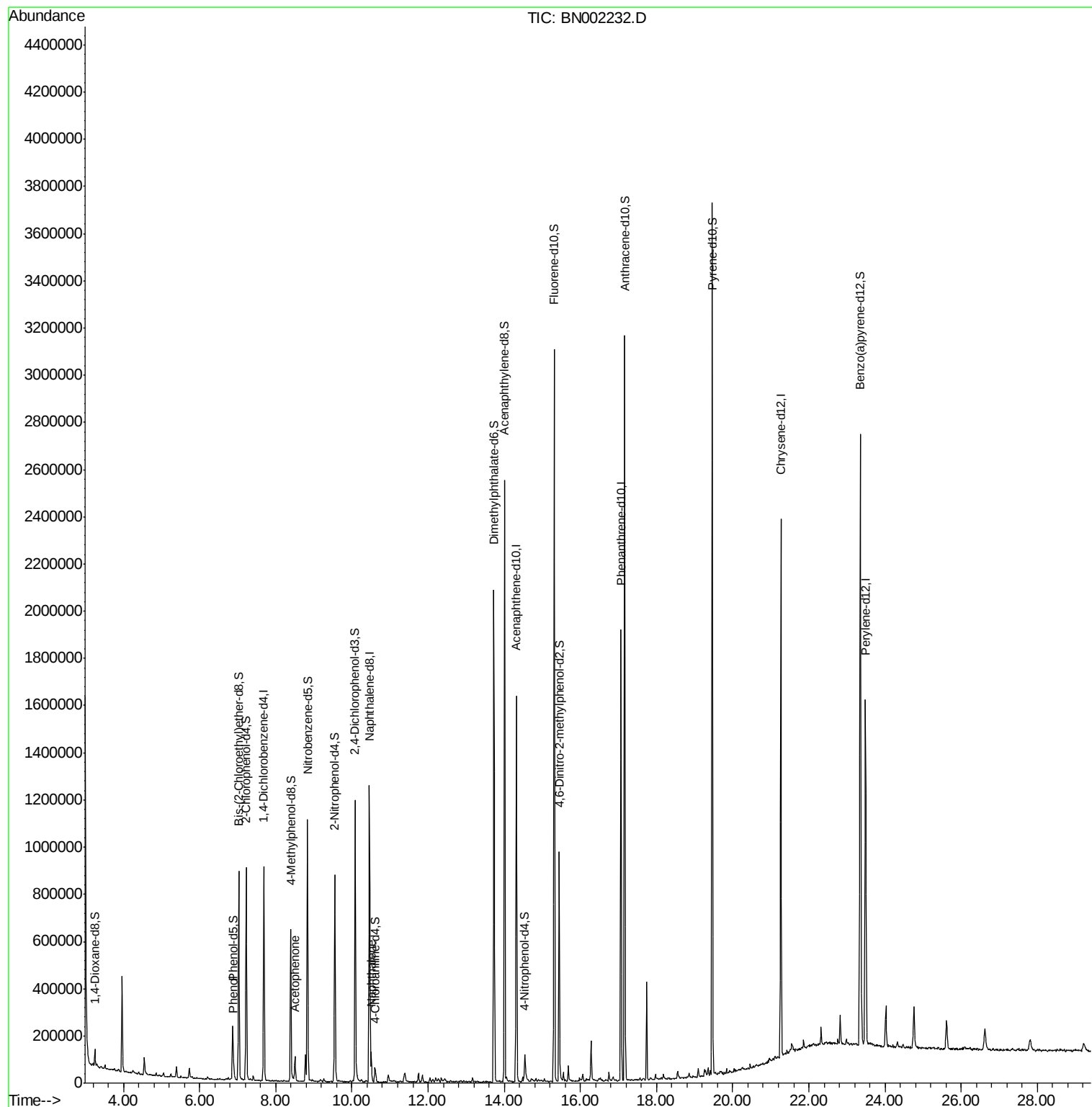
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080318\  
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ALS Vial : 19 Sample Multiplier: 1

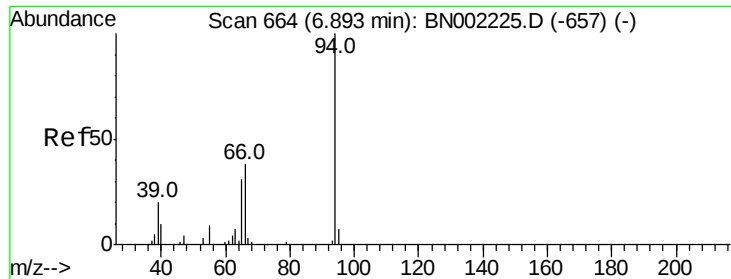
Instrument :  
BNA\_N  
ClientSampleId :  
C0AB5

Quant Time: Aug 04 03:53:34 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN071318MA.M  
Quant Title : SVOA CALIBRATION  
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#6

Phenol

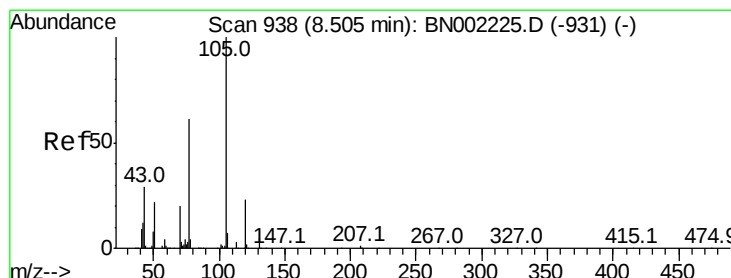
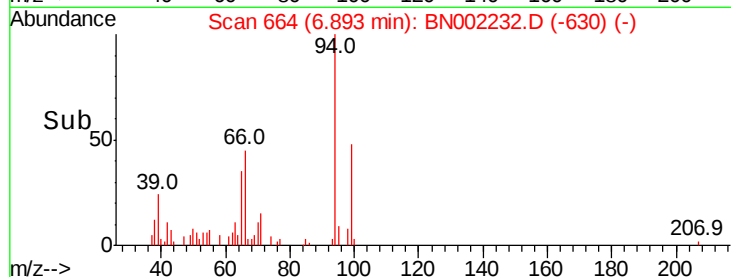
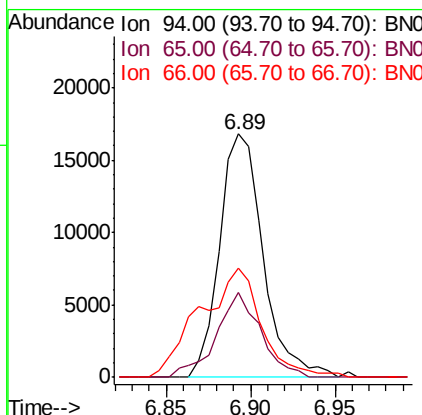
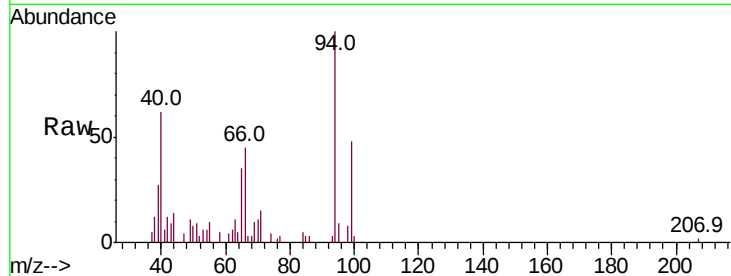
Concen: 1.333 ng/ul  
 RT: 6.89 min Scan# 664  
 Delta R.T. -0.00 min  
 Lab File: BN002232.D  
 Acq: 03 Aug 2018 21:04

Instrument :  
 BNA\_N  
 ClientSampled :  
 C0AB5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 34.9  | 21.0  | 31.6# |
| 66      | 45.0  | 29.3  | 43.9# |

Manual Integrations  
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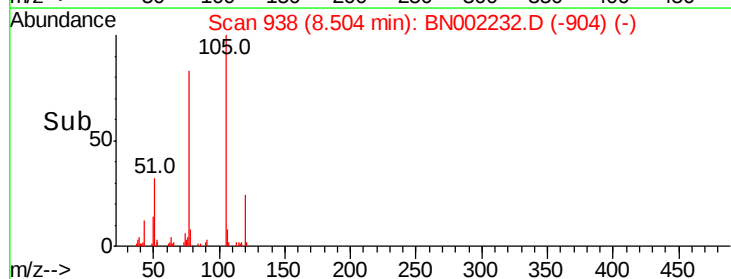
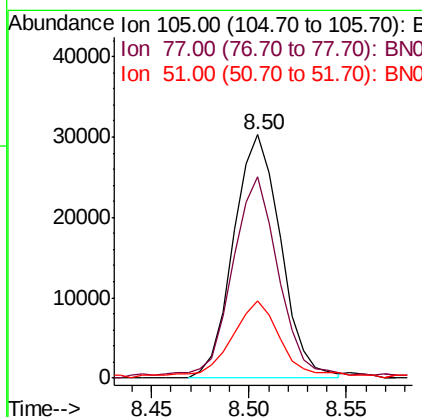
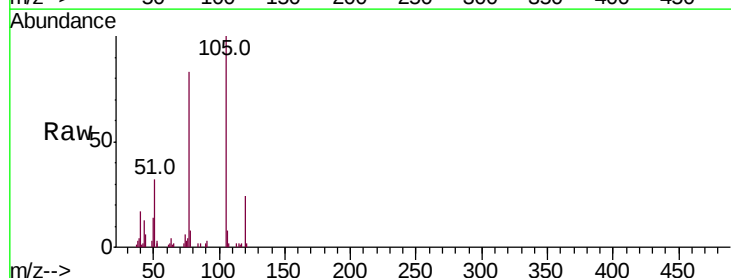


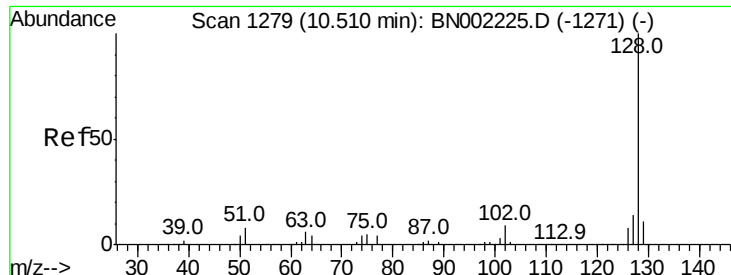
#14

Acetophenone

Concen: 1.851 ng/ul  
 RT: 8.50 min Scan# 938  
 Delta R.T. -0.00 min  
 Lab File: BN002232.D  
 Acq: 03 Aug 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 82.7  | 59.0  | 88.4  |
| 51      | 31.7  | 16.4  | 24.6# |





#28  
Naphthalene  
Concen: 1.942 ng/ul  
RT: 10.51 min Scan# 1279  
Delta R.T. -0.00 min  
Lab File: BN002232.D  
Acq: 03 Aug 2018 21:04

Instrument :  
BNA\_N  
ClientSampleId :  
C0AB5

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 10.4  | 8.8        | 13.2       |
| 127     | 12.9  | 10.5       | 15.7       |

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