

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\  
 Data File : BM022268.D  
 Acq On : 23 Aug 2019 22:30  
 Operator : HP/JU  
 Sample : K4337-17  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AH5

Manual Integrations  
 APPROVED

mohammad  
 8/26/2019 8:29:55 AM

Quant Time: Aug 24 01:32:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM082219MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 24 01:09:04 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 29857    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 131535   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.22 | 164  | 94541    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 221214   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.19 | 240  | 266723   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.38 | 264  | 271072   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.14  | 96  | 429    | 0.64  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 15753  | 6.11  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 44019  | 29.37 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 50122  | 24.09 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 32783  | 14.68 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 32772  | 33.42 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.44  | 143 | 37399  | 32.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165 | 64994  | 27.97 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 6646   | 2.35  | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6       | 13.64 | 166 | 275670 | 33.11 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 281797 | 31.42 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 5039m  | 4.09  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.22 | 176 | 236177 | 34.21 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 42994  | 25.19 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.07 | 188 | 432695 | 36.94 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.39 | 212 | 595035 | 42.93 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.24 | 264 | 595241 | 39.97 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |       | Ovalue |          |
|-----------------------|-------|-----|-------|--------|----------|
| 6) Phenol             | 6.78  | 94  | 3717  | 1.347  | ng/ul 91 |
| 44) Dimethylphthalate | 13.69 | 163 | 22515 | 2.658  | ng/ul 98 |

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

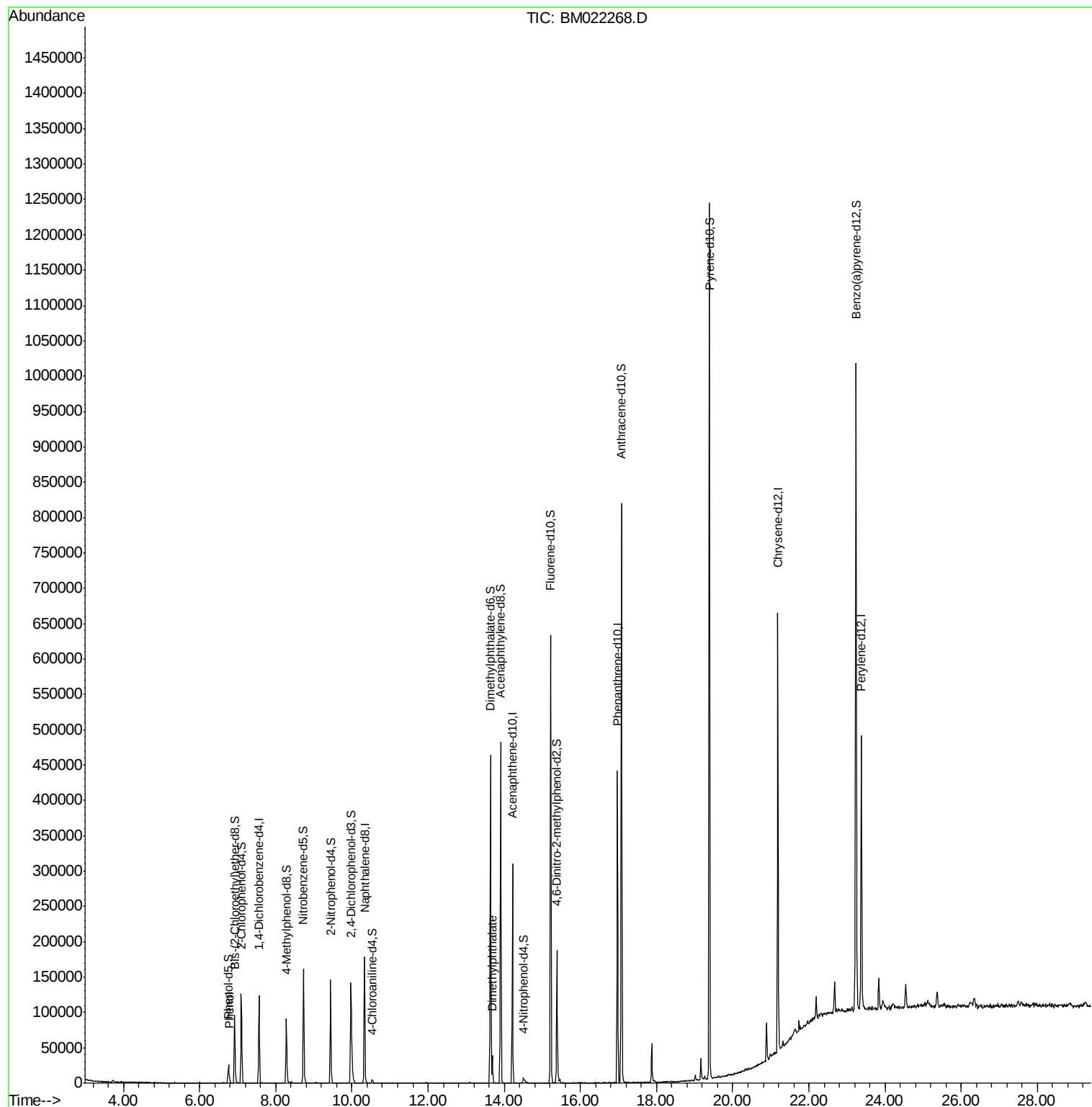
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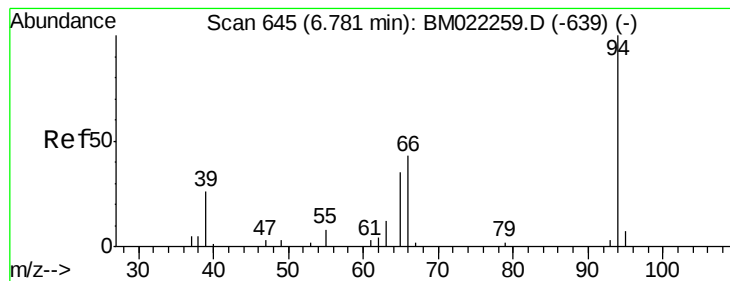
Instrument :  
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#6

Phenol

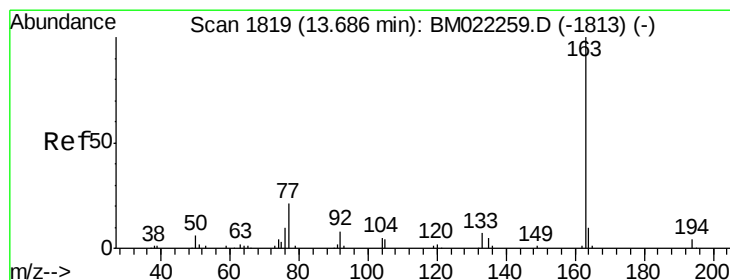
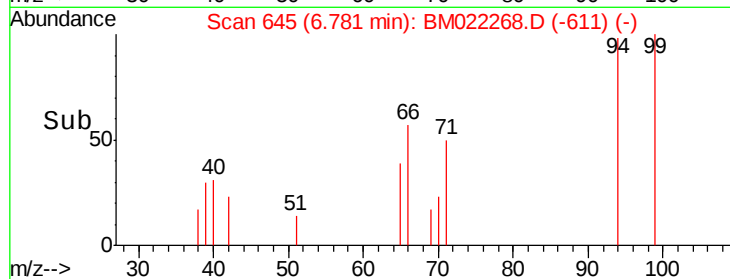
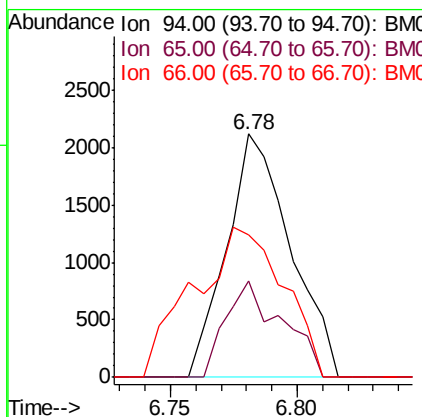
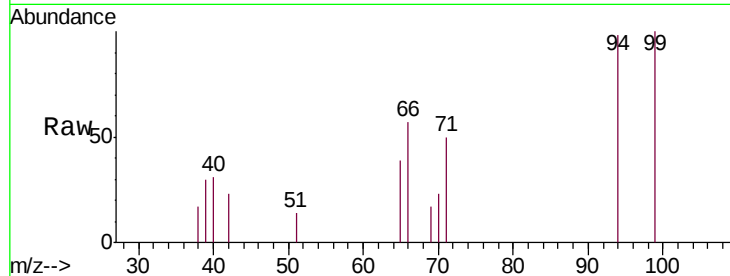
Concen: 1.347 ng/ul  
 RT: 6.78 min Scan# 645  
 Delta R.T. 0.00 min  
 Lab File: BM022268.D  
 Acq: 23 Aug 2019 22:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AH5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 39.5  | 29.2  | 43.8  |
| 66      | 58.7  | 40.6  | 60.8  |

Manual Integrations  
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#44

Dimethylphthalate

Concen: 2.658 ng/ul  
 RT: 13.69 min Scan# 1819  
 Delta R.T. 0.00 min  
 Lab File: BM022268.D  
 Acq: 23 Aug 2019 22:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.0   | 4.6   |
| 164     | 10.8  | 7.8   | 11.8  |

