

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\  
 Data File : BM017116.D  
 Acq On : 11 Oct 2018 02:36  
 Operator : MJ/SJ  
 Sample : J5295-11  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 11 04:43:21 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM100418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 11 04:38:36 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 321615   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.47 | 136  | 1489491  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.33 | 164  | 844025   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.08 | 188  | 1831902  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.27 | 240  | 1435875  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.51 | 264  | 1358032  | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 13846   | 2.14  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.87  | 99  | 463370  | 17.23 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.03  | 67  | 281592  | 17.27 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.23  | 132 | 421980  | 18.88 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.40  | 113 | 322428  | 15.31 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.85  | 128 | 216534  | 19.89 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 243776  | 22.01 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 441602  | 19.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.61 | 131 | 484274  | 17.69 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.74 | 166 | 1360597 | 20.32 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.02 | 160 | 1806946 | 21.11 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.54 | 143 | 185195  | 14.64 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.33 | 176 | 1251022 | 20.98 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 105317  | 9.75  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.18 | 188 | 1853964 | 21.19 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.48 | 212 | 1817669 | 28.06 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.36 | 264 | 1517958 | 21.83 | ng/ul | 0.01 |

## Target Compounds

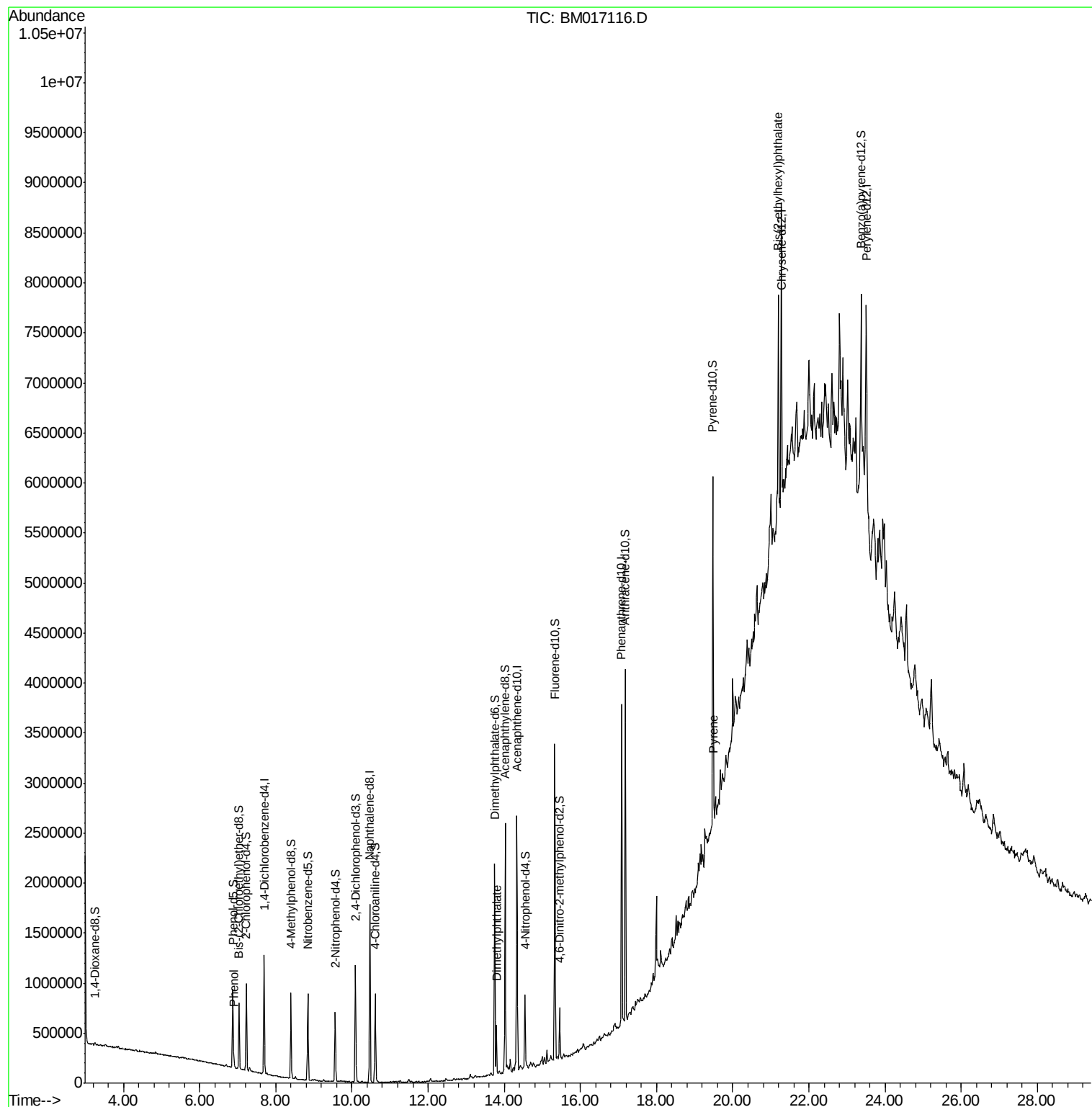
|                                |       |     |        |              | Ovalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 6) Phenol                      | 6.90  | 94  | 47581  | 1.769 ng/ul  | 96     |
| 45) Dimethylphthalate          | 13.79 | 163 | 314135 | 4.737 ng/ul  | 98     |
| 80) Pyrene                     | 19.51 | 202 | 102921 | 1.237 ng/ul  | 98     |
| 84) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 760583 | 17.095 ng/ul | 99     |

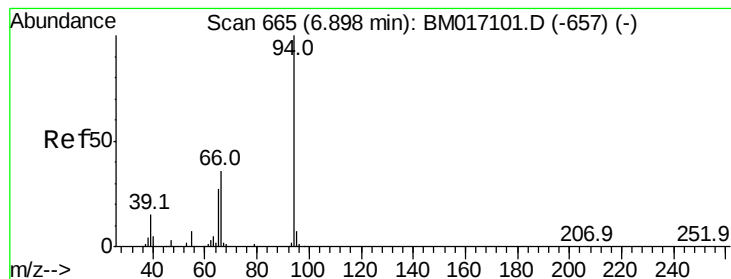
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration





#6

Phenol

Concen: 1.769 ng/ul

RT: 6.90 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM017116.D

Acq: 11 Oct 2018 02:36

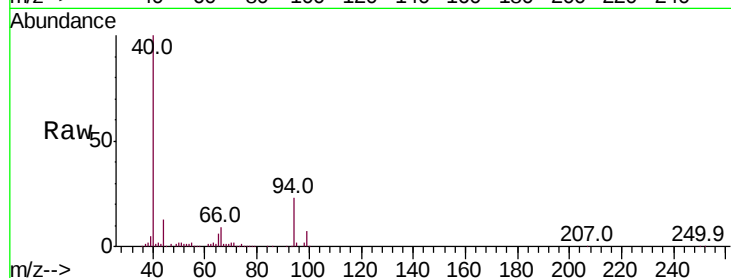
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 94 Resp: 47581

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 27.1  | 22.8  | 34.2  |
| 66  | 39.6  | 29.5  | 44.3  |

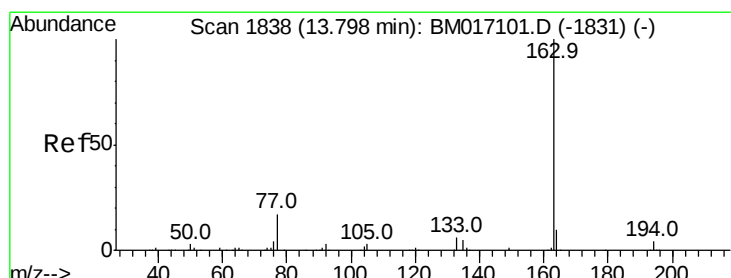
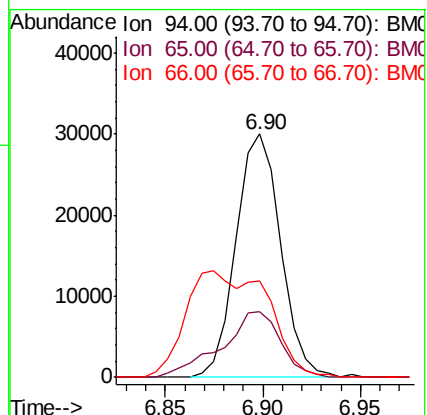
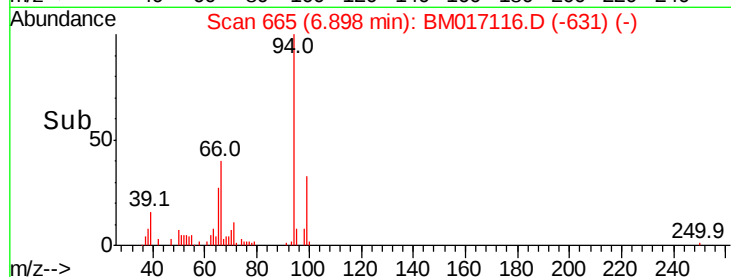


Abundance

Ion 94.00 (93.70 to 94.70): BM017101.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BM017101.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BM017101.D (-657) (-)



#45

Dimethylphthalate

Concen: 4.737 ng/ul

RT: 13.79 min Scan# 1837

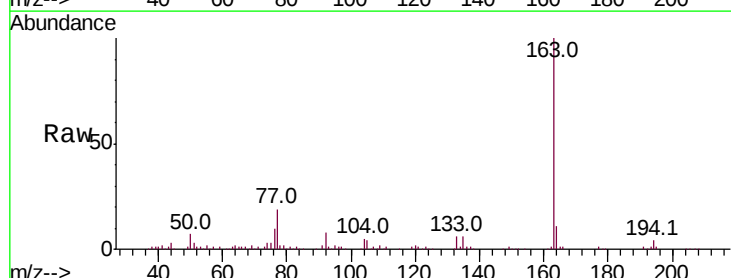
Delta R.T. -0.01 min

Lab File: BM017116.D

Acq: 11 Oct 2018 02:36

Tgt Ion:163 Resp: 314135

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.3   | 4.9   |
| 164 | 10.7  | 8.0   | 12.0  |

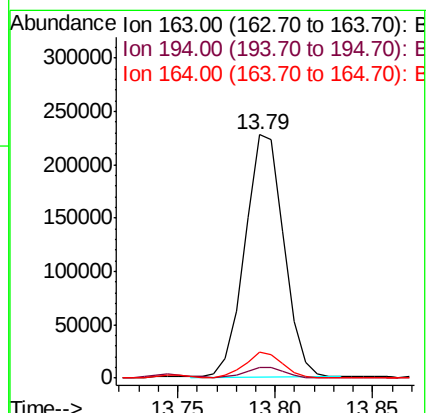
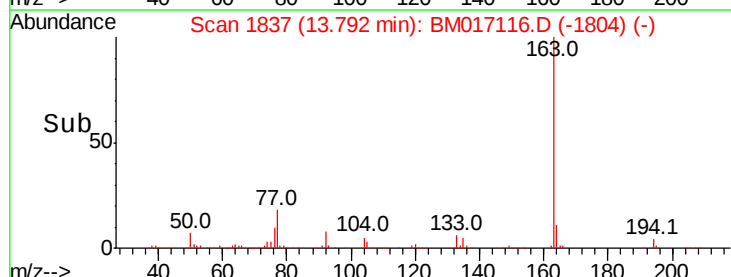


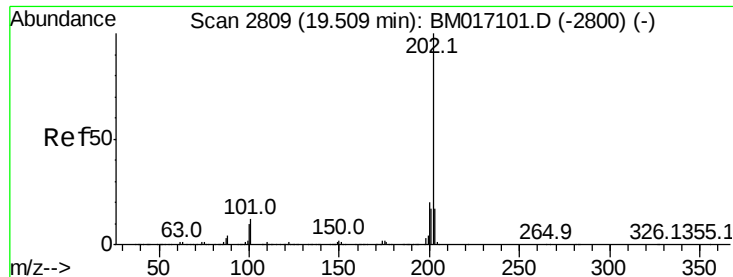
Abundance

Ion 163.00 (162.70 to 163.70): BM017101.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BM017101.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BM017101.D (-1831) (-)

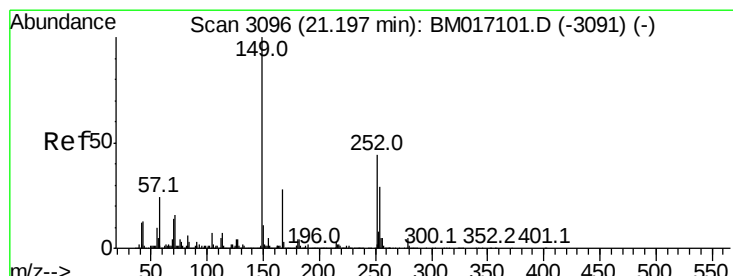
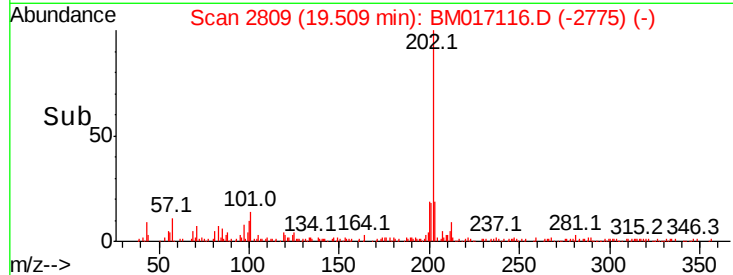
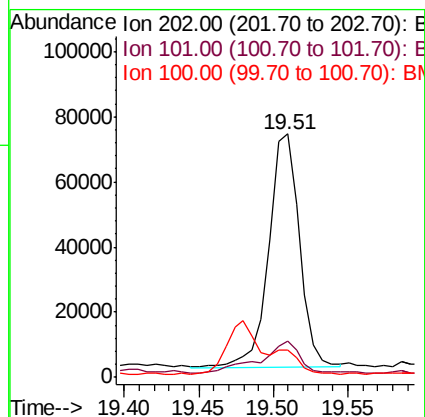
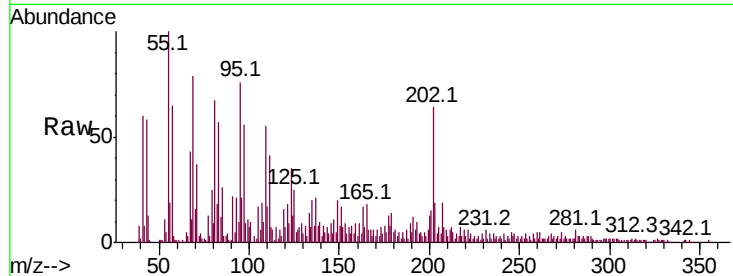




#80  
Pvrene  
Concen: 1.237 ng/ul  
RT: 19.51 min Scan# 2809  
Delta R.T. -0.00 min  
Lab File: BM017116.D  
Acq: 11 Oct 2018 02:36

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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.9  | 10.8  | 16.2  |
| 100     | 11.0  | 8.9   | 13.3  |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 17.095 ng/ul  
RT: 21.20 min Scan# 3096  
Delta R.T. -0.00 min  
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Acq: 11 Oct 2018 02:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.4  | 22.5  | 33.7  |
| 279     | 5.3   | 3.7   | 5.5   |

