

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\  
 Data File : BM016784.D  
 Acq On : 18 Sep 2018 01:06  
 Operator : SJ/JU  
 Sample : J4896-03RX  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 18 02:05:00 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 18 01:29:01 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 247983   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.50 | 136  | 1024792  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.37 | 164  | 541902   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.12 | 188  | 1184728  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.30 | 240  | 1301262  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.54 | 264  | 1366607  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 9985    | 1.72  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.90  | 99  | 172331  | 8.24  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 466578  | 36.02 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.26  | 132 | 519807  | 30.45 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.43  | 113 | 318760  | 19.69 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 296610  | 44.05 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.59  | 143 | 277632  | 45.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165 | 544866  | 35.03 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 21482   | 1.14  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.78 | 166 | 1766457 | 40.60 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.06 | 160 | 2216945 | 39.45 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.56 | 143 | 49841   | 6.98  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.36 | 176 | 1594619 | 41.99 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 188067  | 38.67 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.22 | 188 | 2522267 | 44.13 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.51 | 212 | 2775332 | 43.95 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.40 | 264 | 3156777 | 44.28 | ng/ul | 0.00 |

## Target Compounds

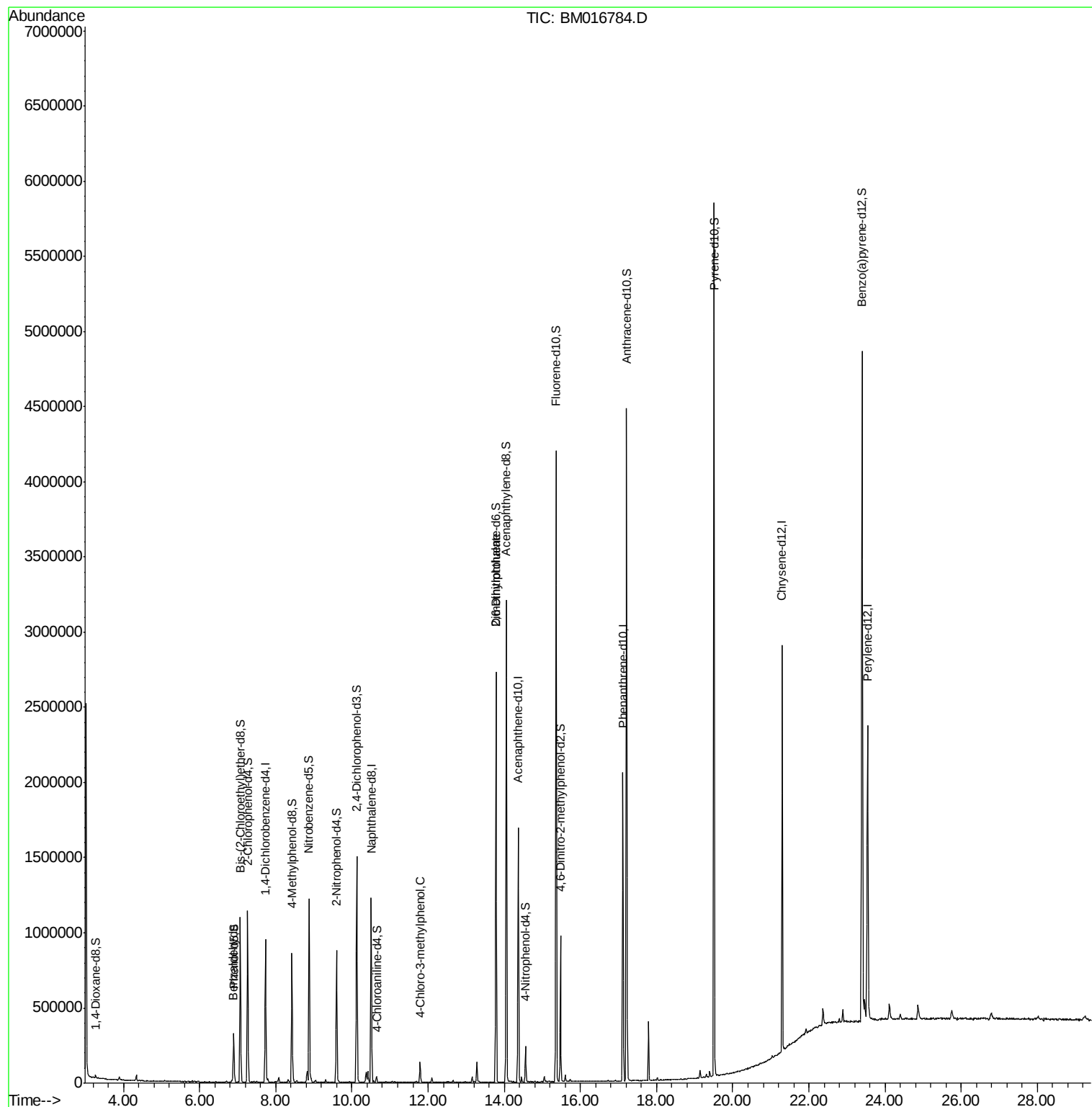
|                             |       |     |       |       | Ovalue    |
|-----------------------------|-------|-----|-------|-------|-----------|
| 4) Benzaldehyde             | 6.88  | 77  | 19470 | 1.654 | ng/ul 98  |
| 33) 4-Chloro-3-methylphenol | 11.79 | 107 | 40982 | 2.616 | ng/ul 89  |
| 46) 2,6-Dinitrotoluene      | 13.78 | 165 | 13034 | 1.996 | ng/ul# 40 |

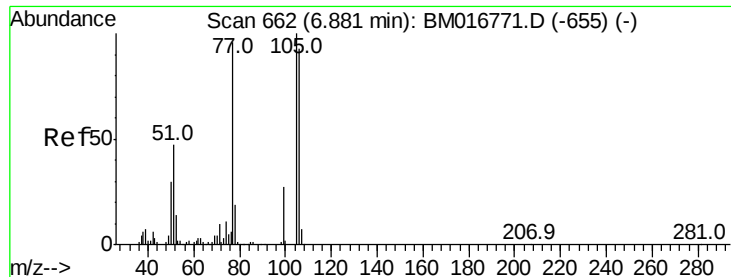
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 18 01:29:01 2018  
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.654 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016784.D

Acq: 18 Sep 2018 01:06

Instrument :

BNA\_M

ClientSampleId :

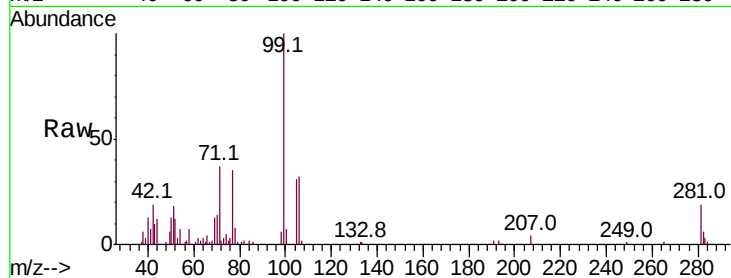
Tot Ion: 77 Resp: 19470

Ion Ratio Lower Upper

77 100

105 88.7 71.0 106.6

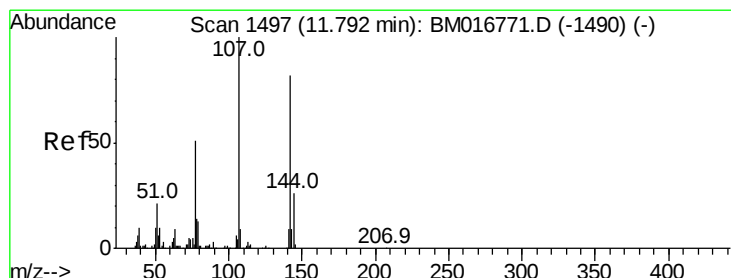
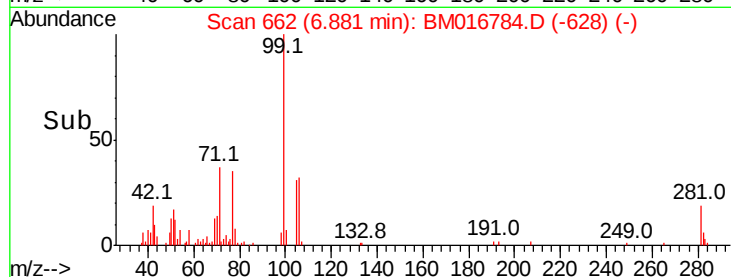
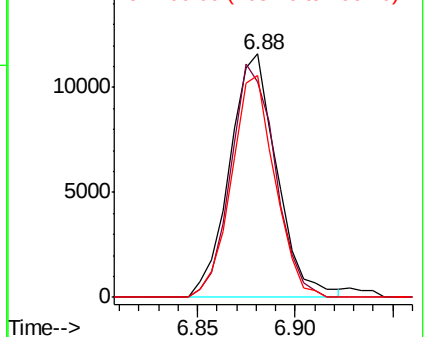
106 91.2 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BM016771.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM016771.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM016771.D (-655) (-)



#33

4-Chloro-3-methylphenol

Concen: 2.616 ng/ul

RT: 11.79 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BM016784.D

Acq: 18 Sep 2018 01:06

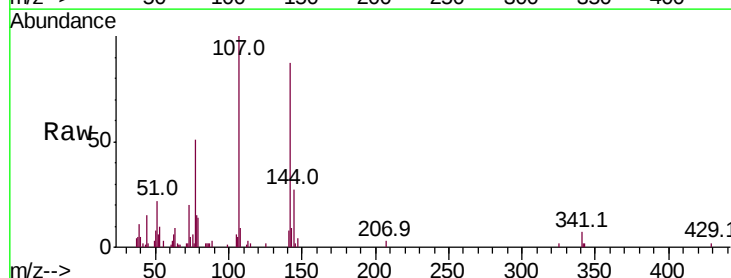
Tgt Ion: 107 Resp: 40982

Ion Ratio Lower Upper

107 100

144 26.6 21.1 31.7

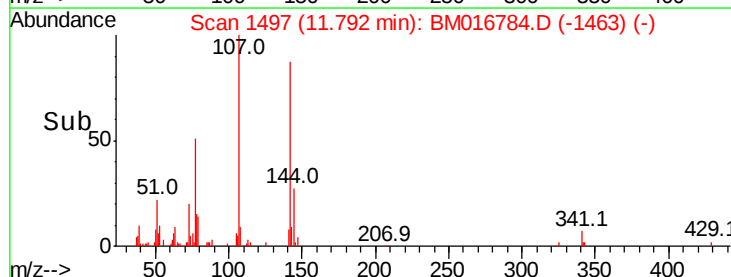
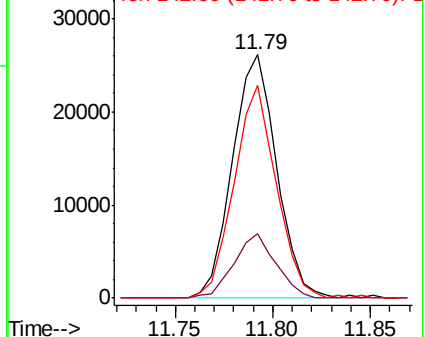
142 87.3 60.1 90.1

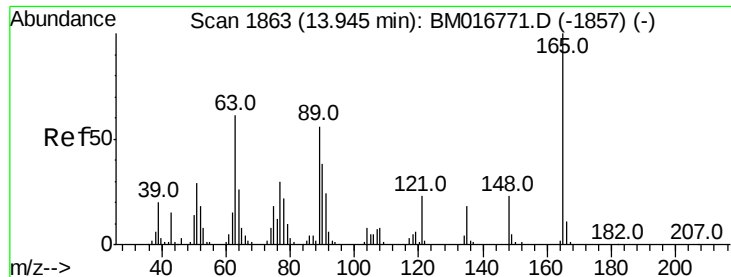


Abundance Ion 107.00 (106.70 to 107.70): BM016771.D (-1490) (-)

Ion 144.00 (143.70 to 144.70): BM016771.D (-1490) (-)

Ion 142.00 (141.70 to 142.70): BM016771.D (-1490) (-)





#46

2,6-Dinitrotoluene

Concen: 1.996 ng/ul

RT: 13.78 min Scan# 1835

Delta R.T. -0.16 min

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Acq: 18 Sep 2018 01:06

Instrument :

BNA\_M

ClientSampleId :

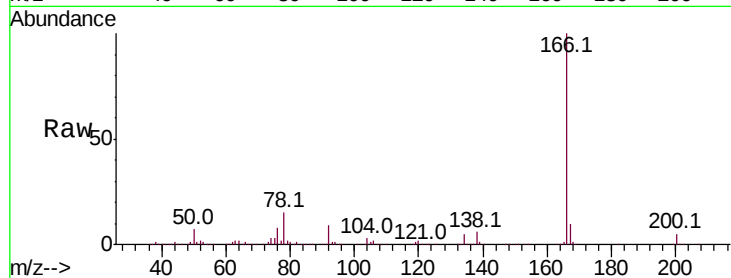
Tot Ion:165 Resp: 13034

Ion Ratio Lower Upper

165 100

89 0.0 43.8 65.8#

121 32.1 17.8 26.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

