

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120118\  
 Data File : BM017835.D  
 Acq On : 30 Nov 2018 23:12  
 Operator : JU/SJ  
 Sample : J6096-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4116

Manual Integrations  
 APPROVED

mohammad  
 12/3/2018 4:57:03 PM

Quant Time: Dec 01 00:26:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Dec 01 00:17:04 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 232999   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 1024888  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 572871   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 1158519  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.19 | 240  | 883088   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.37 | 264  | 884124   | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| System Monitoring Compounds    |       |     |         |       |       |       |
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 7558    | 1.48  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.77  | 99  | 144697  | 6.80  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.93  | 67  | 386146  | 30.09 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 437760  | 26.29 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 277440  | 15.96 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 264041  | 33.54 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 296549  | 32.88 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 494837  | 28.82 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 13514   | 0.92  | ng/ul | 0.02  |
| 43) Dimethylphthalate-d6       | 13.65 | 166 | 1647404 | 33.14 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 2064885 | 34.33 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.48 | 143 | 39159m  | 4.33  | ng/ul | 0.02  |
| 57) Fluorene-d10               | 15.23 | 176 | 1400418 | 32.63 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 229528  | 27.71 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.09 | 188 | 2018624 | 35.00 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.39 | 212 | 1834474 | 42.93 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.23 | 264 | 1621736 | 33.82 | ng/ul | -0.01 |

|                             |       |     |       |       |          |
|-----------------------------|-------|-----|-------|-------|----------|
| Target Compounds            |       |     |       |       | Ovalue   |
| 4) Benzaldehyde             | 6.75  | 77  | 7958m | 2.006 | ng/ul    |
| 33) 4-Chloro-3-methylphenol | 11.67 | 107 | 64150 | 3.484 | ng/ul 95 |

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

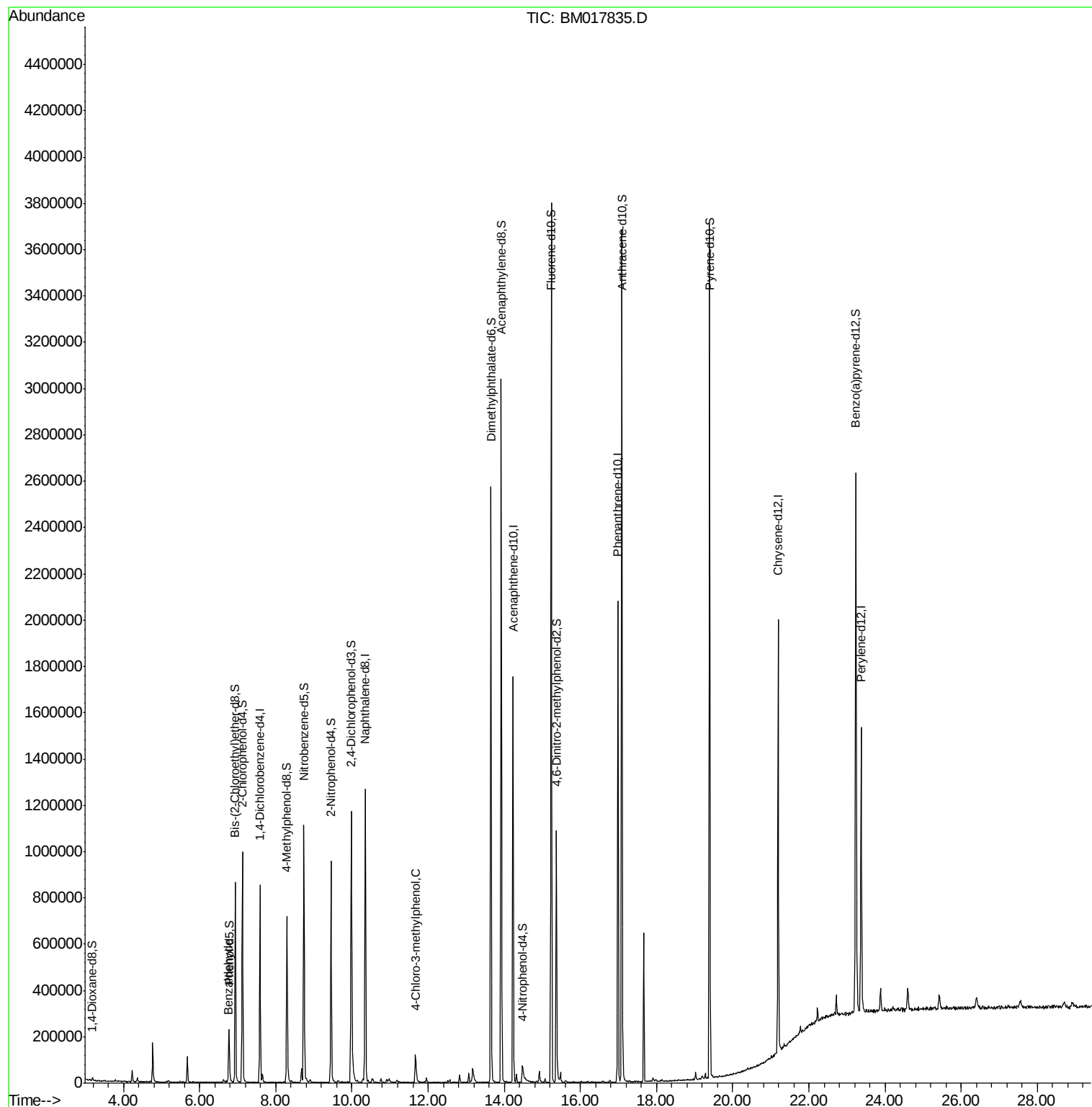
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120118\  
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ALS Vial : 11 Sample Multiplier: 1

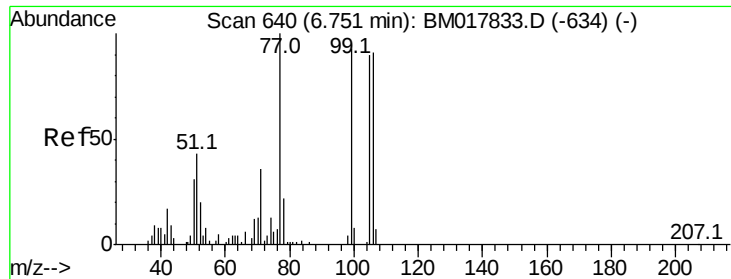
Instrument :  
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Quant Time: Dec 01 00:26:47 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11918MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Dec 01 00:17:04 2018  
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.006 ng/ul m

RT: 6.75 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM017835.D

Acq: 30 Nov 2018 23:12

Instrument :

BNA\_M

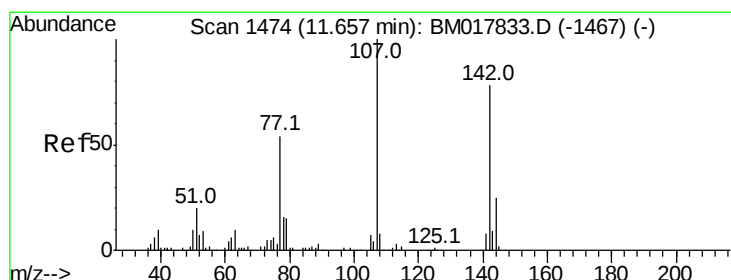
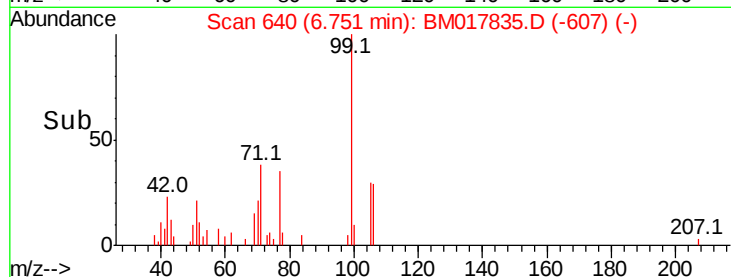
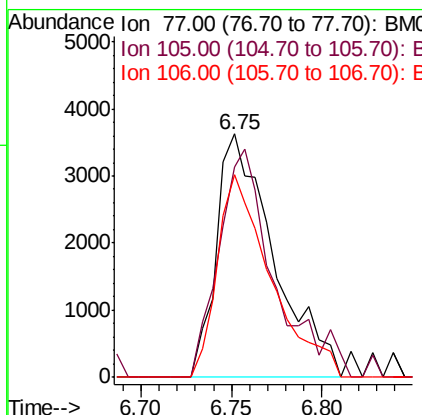
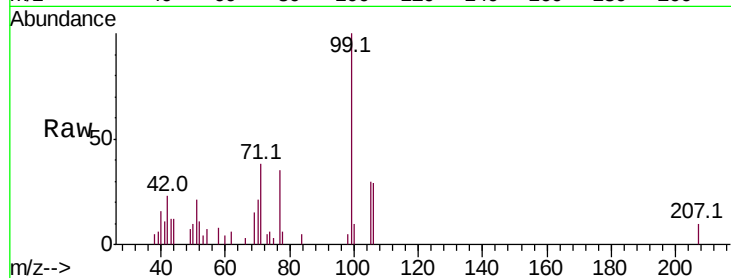
ClientSampleId :

A4116

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 77    | Resp: | 7958  |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 86.7  | 74.4  | 111.6 |
| 106       | 83.1  | 67.4  | 101.2 |

Manual Integrations  
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#33

4-Chloro-3-methylphenol

Concen: 3.484 ng/ul

RT: 11.67 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BM017835.D

Acq: 30 Nov 2018 23:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 64150 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 144       | 23.2  | 21.1  | 31.7  |
| 142       | 75.1  | 63.0  | 94.6  |

