

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\  
 Data File : BM017991.D  
 Acq On : 07 Dec 2018 08:26  
 Operator : JU/SJ  
 Sample : J6170-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9M07

Manual Integrations  
 APPROVED

Sohil  
 12/11/2018 8:39:53 AM

Quant Time: Dec 07 12:27:33 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 07 08:24:59 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 149936   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 570394   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 290509   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 601974   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.17 | 240  | 650618   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.35 | 264  | 710349   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 5629    | 1.72  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 73067   | 5.34  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 193172  | 23.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.10  | 132 | 239486  | 22.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 128114  | 11.45 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 128937  | 29.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 139142  | 27.72 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 220724  | 23.10 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 12183m  | 1.49  | ng/ul | 0.06 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 709482  | 28.15 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 899519  | 29.49 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 13876m  | 3.03  | ng/ul | 0.12 |
| 57) Fluorene-d10               | 15.21 | 176 | 625556  | 28.74 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 84465   | 19.63 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.06 | 188 | 908079  | 30.30 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.37 | 212 | 1002574 | 31.85 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.21 | 264 | 1181026 | 30.66 | ng/ul | 0.00 |

| Target Compounds |       |     |       | Ovalue |           |
|------------------|-------|-----|-------|--------|-----------|
| 6) Phenol        | 6.78  | 94  | 28448 | 2.081  | ng/ul 92  |
| 28) Naphthalene  | 10.37 | 128 | 38546 | 1.297  | ng/ul# 96 |

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

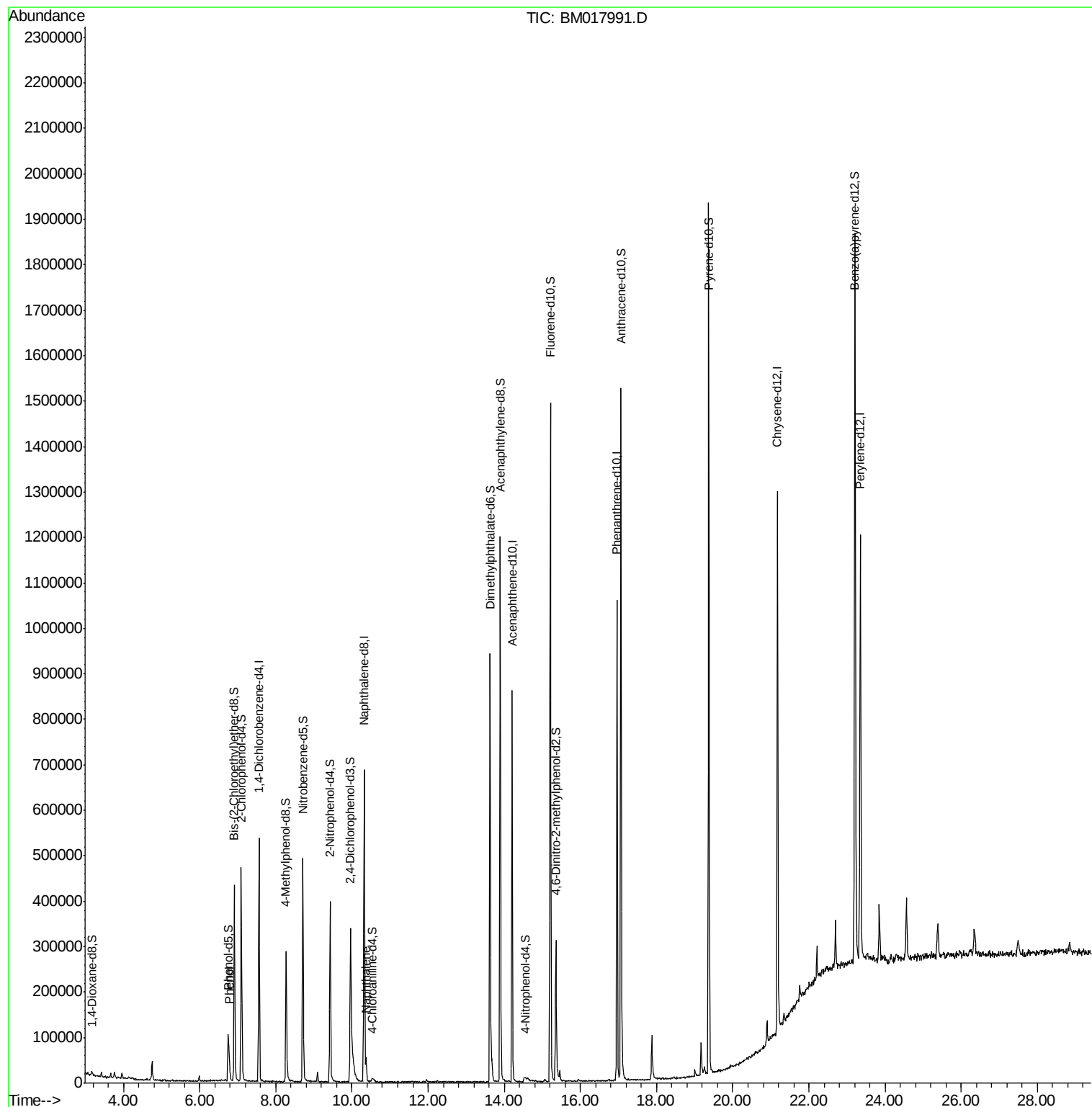
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Sample : J6170-04  
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ALS Vial : 30 Sample Multiplier: 1

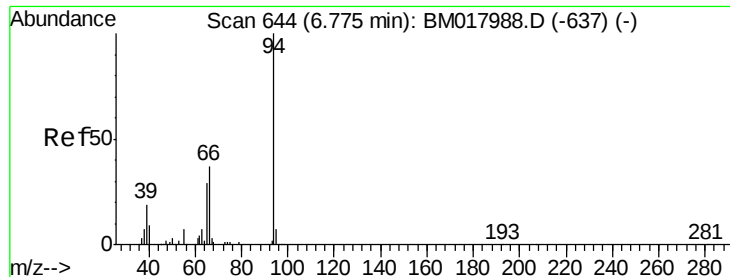
Instrument :  
BNA\_M  
ClientSampleId :  
F9M07

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QLast Update : Fri Dec 07 08:24:59 2018  
Response via : Initial Calibration





#6

Phenol

Concen: 2.081 ng/ul

RT: 6.78 min Scan# 645

Delta R.T. 0.01 min

Lab File: BM017991.D

Acq: 07 Dec 2018 08:26

Instrument :

BNA\_M

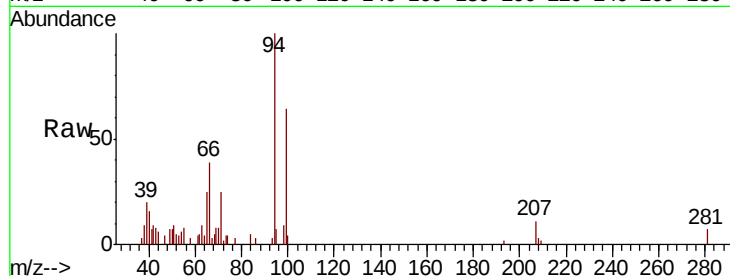
ClientSampled :

F9M07

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 94    | Resp: | 28448 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 25.2  | 24.7  | 37.1  |
| 66       | 38.8  | 34.6  | 51.8  |

Manual Integrations  
APPROVED

Sohil  
12/11/2018 8:39:53 AM

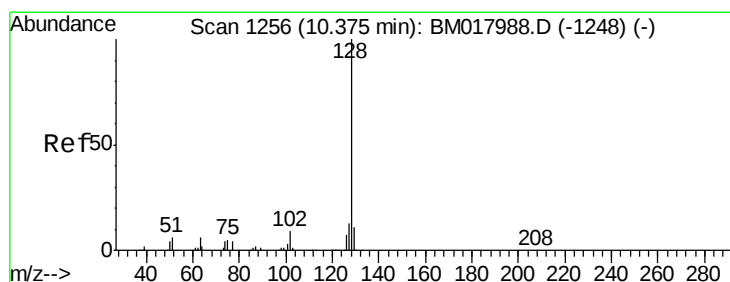
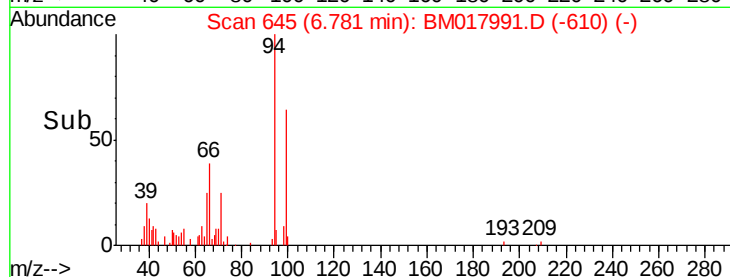
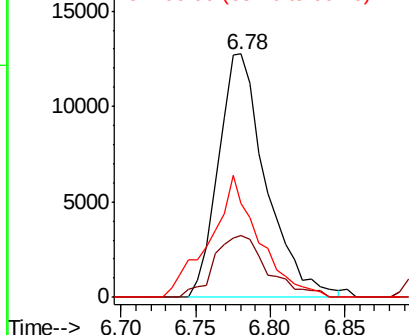


Abundance

Ion 94.00 (93.70 to 94.70): BM017988.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM017988.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM017988.D (-637) (-)



#28

Naphthalene

Concen: 1.297 ng/ul

RT: 10.37 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BM017991.D

Acq: 07 Dec 2018 08:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 38546 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 10.4  | 8.6   | 12.8  |
| 127      | 10.7  | 10.8  | 16.2# |

Abundance

Ion 128.00 (127.70 to 128.70): BM017988.D (-1248) (-)

Ion 129.00 (128.70 to 129.70): BM017988.D (-1248) (-)

Ion 127.00 (126.70 to 127.70): BM017988.D (-1248) (-)

