

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\  
 Data File : BM017392.D  
 Acq On : 27 Oct 2018 17:47  
 Operator : MJ/SJ  
 Sample : J5673-16  
 Misc : GCMS Confirmation  
 ALS Vial : 74 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COBM0

Quant Time: Oct 29 01:14:34 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 26 01:13:26 2018  
 Response via : Initial Calibration

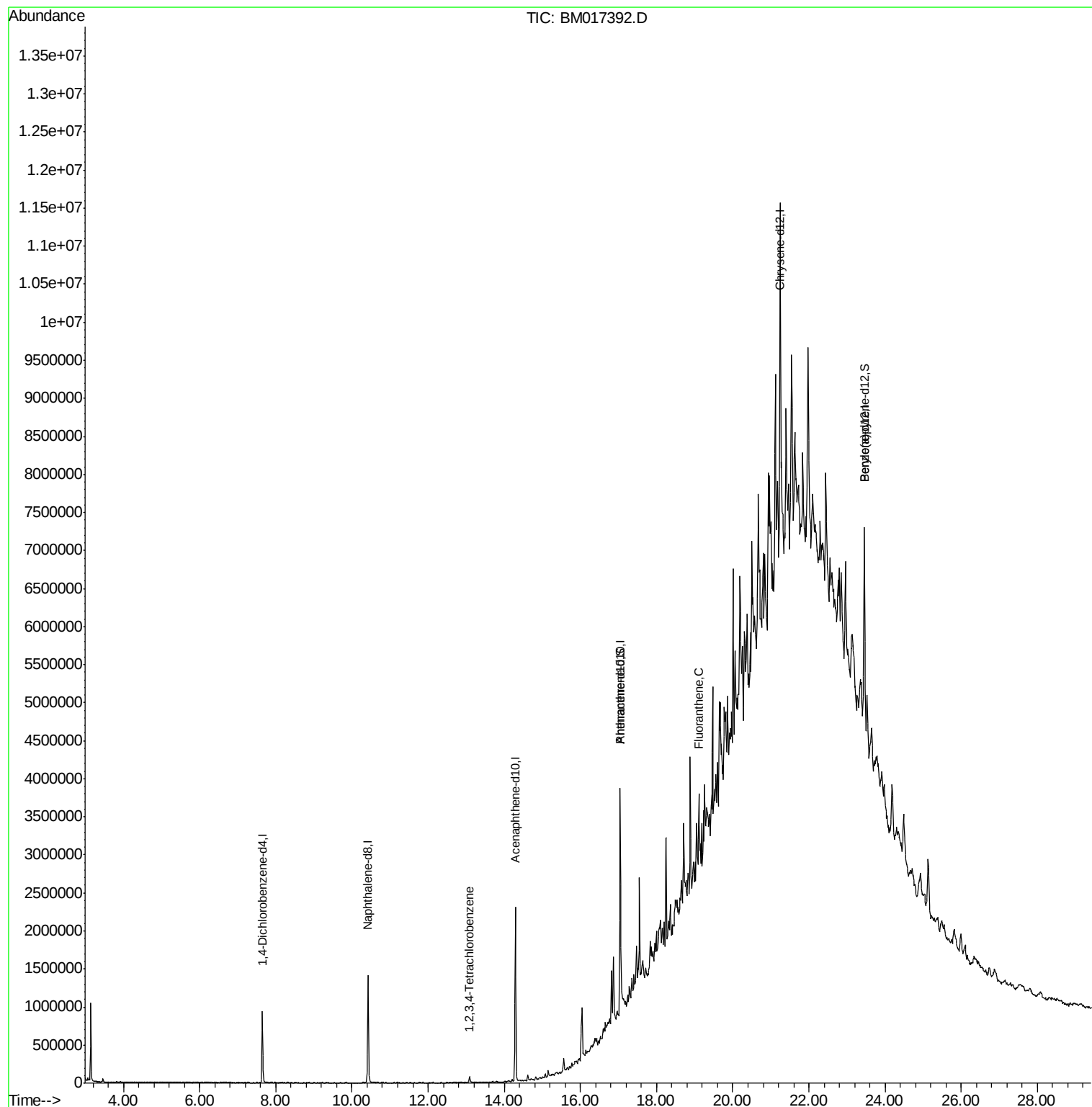
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.65  | 152  | 272827   | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.42 | 136  | 1227140  | 20.00 | ng/ul  | 0.00     |
| 36) Acenaphthene-d10           | 14.29 | 164  | 785611   | 20.00 | ng/ul  | 0.00     |
| 62) Phenanthrene-d10           | 17.04 | 188  | 1771810  | 20.00 | ng/ul  | 0.00     |
| 78) Chrysene-d12               | 21.24 | 240  | 1981871  | 20.00 | ng/ul  | 0.00     |
| 86) Perylene-d12               | 23.46 | 264  | 1978468  | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.23  | 96   | 280      | 0.05  | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 0.00  | 99   | 0        | 0.00  | ng/ul  |          |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.13  | 67   | 248      | 0.02  | ng/ul  | 0.13     |
| 9) 2-Chlorophenol-d4           | 0.00  | 132  | 0        | 0.00  | ng/ul  |          |
| 13) 4-Methylphenol-d8          | 0.00  | 113  | 0        | 0.00  | ng/ul  |          |
| 19) Nitrobenzene-d5            | 0.00  | 128  | 0        | 0.00  | ng/ul  |          |
| 22) 2-Nitrophenol-d4           | 0.00  | 143  | 0        | 0.00  | ng/ul  |          |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165  | 0        | 0.00  | ng/ul  |          |
| 29) 4-Chloroaniline-d4         | 10.43 | 131  | 1094     | 0.07  | ng/ul  | -0.14    |
| 44) Dimethylphthalate-d6       | 0.00  | 166  | 0        | 0.00  | ng/ul  |          |
| 47) Acenaphthylene-d8          | 0.00  | 160  | 0        | 0.00  | ng/ul  |          |
| 52) 4-Nitrophenol-d4           | 14.62 | 143  | 2267     | 0.18  | ng/ul  | 0.11     |
| 58) Fluorene-d10               | 15.30 | 176  | 4563     | 0.08  | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.46 | 200  | 233      | 0.02  | ng/ul  | 0.03     |
| 71) Anthracene-d10             | 17.04 | 188  | 1771810  | 20.20 | ng/ul  | -0.10    |
| 79) Pyrene-d10                 | 19.47 | 212  | 1225     | 0.01  | ng/ul  | 0.02     |
| 90) Benzo(a)pyrene-d12         | 23.46 | 264  | 1945914  | 18.62 | ng/ul  | 0.15     |
| Target Compounds               |       |      |          |       |        |          |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.09 | 216  | 30265    | 1.211 | ng/uL  | 95       |
| 77) Fluoranthene               | 19.11 | 202  | 163612   | 1.403 | ng/ul# | 94       |

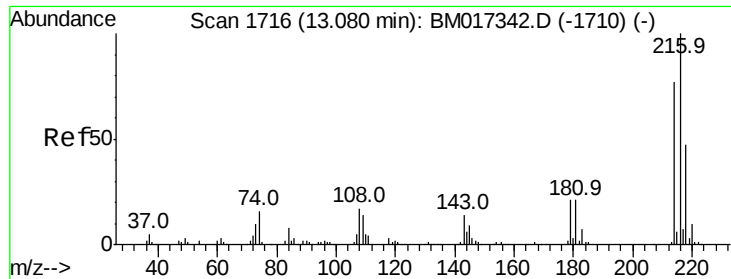
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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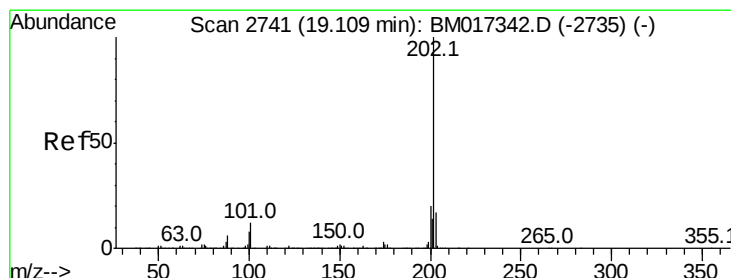
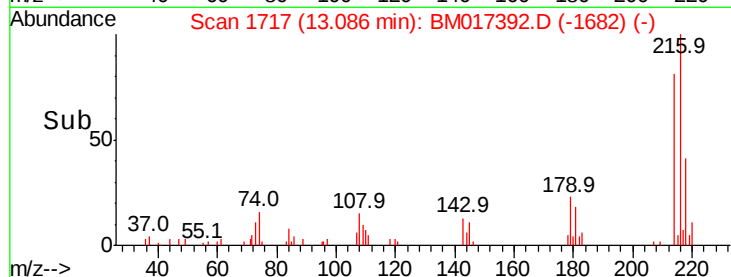
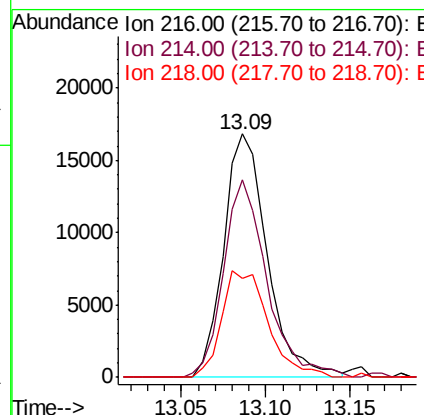
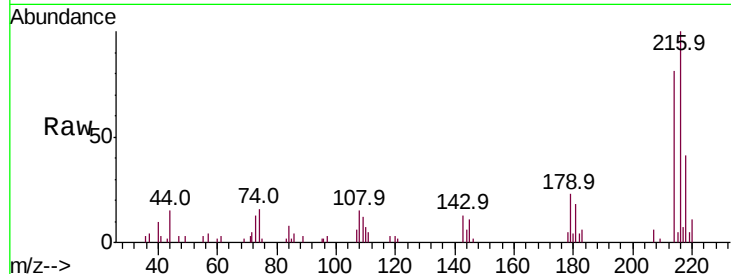




#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 1.211 ng/uL  
 RT: 13.09 min Scan# 1717  
 Delta R.T. 0.01 min  
 Lab File: BM017392.D  
 Acq: 27 Oct 2018 17:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COBM0

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 30265 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 81.3  | 63.4  | 95.0  |
| 218      | 40.5  | 37.3  | 55.9  |



#77  
 Fluoranthene  
 Concen: 1.403 ng/uL  
 RT: 19.11 min Scan# 2741  
 Delta R.T. -0.00 min  
 Lab File: BM017392.D  
 Acq: 27 Oct 2018 17:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 163612 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 11.6  | 8.2   | 12.4   |
| 100      | 11.3  | 6.3   | 9.5#   |

