

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM121517\  
 Data File : BM013483.D  
 Acq On : 16 Dec 2017 18:58  
 Operator : SJ/JU  
 Sample : I6775-10DL 30X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9A22DL

Manual Integrations  
 APPROVED

Sohil  
 12/18/2017 2:10:57 PM

Quant Time: Dec 18 03:41:44 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM113017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 18 03:13:05 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 244668   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 1102943  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 619047   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 1264227  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 903504   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.48 | 264  | 824392   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |       |      |       |      |
|--------------------------------|-------|-----|-------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d    | 0.00 | ng/uL |      |
| 5) Phenol-d5                   | 6.86  | 99  | 11176 | 0.53 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 8442  | 0.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.22  | 132 | 9724  | 0.59 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.40  | 113 | 8015  | 0.44 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.84  | 128 | 5644  | 0.65 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 5550  | 0.59 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 8238  | 0.43 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 9494m | 0.54 | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.73 | 166 | 36140 | 0.66 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.01 | 160 | 42070 | 0.62 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 0.00  | 143 | 0d    | 0.00 | ng/ul |      |
| 57) Fluorene-d10               | 15.32 | 176 | 29848 | 0.63 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0d    | 0.00 | ng/ul |      |
| 70) Anthracene-d10             | 17.17 | 188 | 44624 | 0.70 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.46 | 212 | 38310 | 0.85 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 25964 | 0.62 | ng/ul | 0.00 |

| Target Compounds      |       |     |        |              | Qvalue |
|-----------------------|-------|-----|--------|--------------|--------|
| 68) Pentachlorophenol | 16.72 | 266 | 348817 | 36.799 ng/ul | 99     |

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

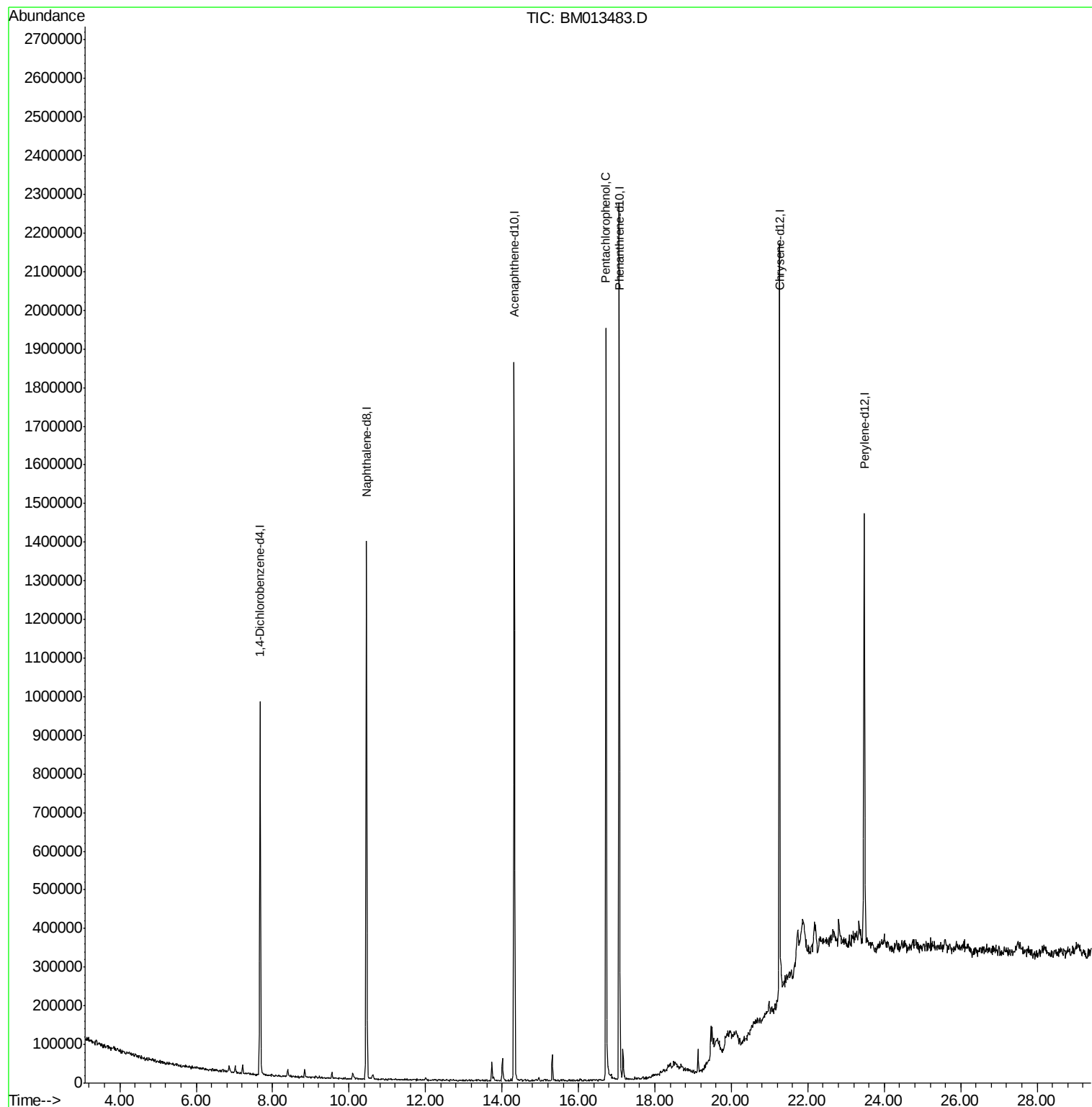
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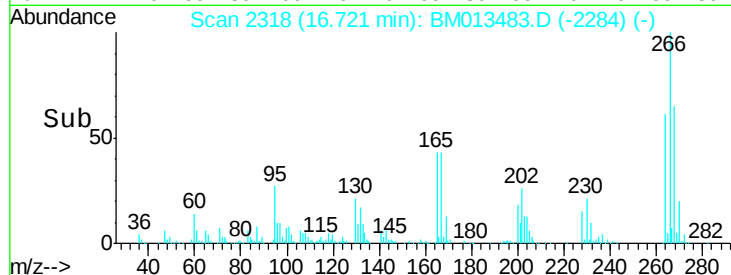
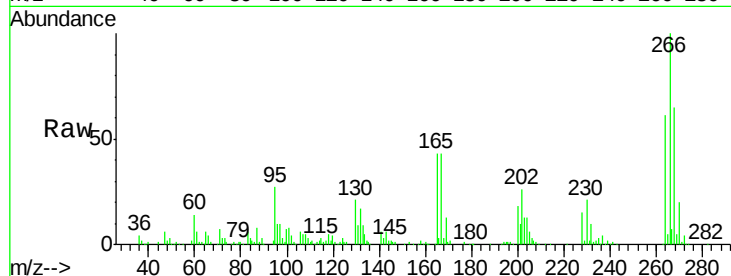
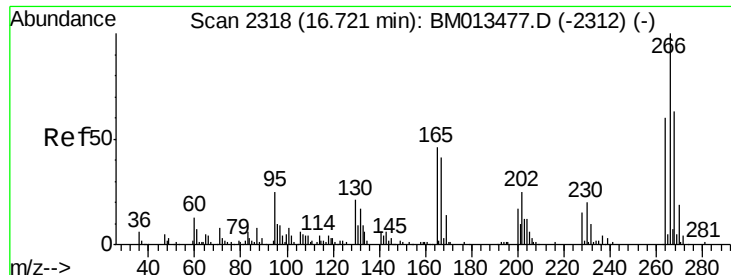
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#68  
 Pentachlorophenol  
 Concen: 36.799 ng/ul  
 RT: 16.72 min Scan# 2318  
 Delta R.T. -0.00 min  
 Lab File: BM013483.D  
 Acq: 16 Dec 2017 18:58

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9A22DL

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 264     | 61.4  | 49.3       | 73.9       |
| 268     | 64.9  | 52.6       | 78.8       |

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