Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014938.D
Acq On : 03 May 2018 00:38
Operator : SJ/JU
Sample : J2638-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: May 03 06:51:36 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 06:51:06 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.49 | 152 | 395878 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.33 | 136 | 1595908 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 15.10 | 164 | 788065 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.81 | 188 | 1571057 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.90 | 240 | 1491033 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 24.38 | 264 | 1571031 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.64 | 96 | 67769 | 7.47 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.62 | 99 | 242994 | 7.94 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.80 | 67 | 730229 | 37.21 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.01 | 132 | 739781 | 28.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.19 | 113 | 434072 | 17.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.67 | 128 | 411655 | 35.68 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.40 | 143 | 429645 | 37.39 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.94 | 165 | 711495 | 30.48 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.46 | 131 | 66147 | 2.87 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.49 | 166 | 2111567 | 34.33 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.80 | 160 | 2535124 | 33.37 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.26 | 143 | 62334 | 5.46 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 16.07 | 176 | 1784923 | 33.36 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.18 | 200 | 246029 | 28.94 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.91 | 188 | 2586839 | 35.33 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.15 | 212 | 2578851 | 36.56 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.21 | 264 | 2871499 | 37.20 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.68 | 88 | 10626 | 1.114 | ng/uL# | 82 |
| 45) 2,6-Dinitrotoluene | 14.49 | 165 | 14528 | 1.332 | ng/ul# | 25 |

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

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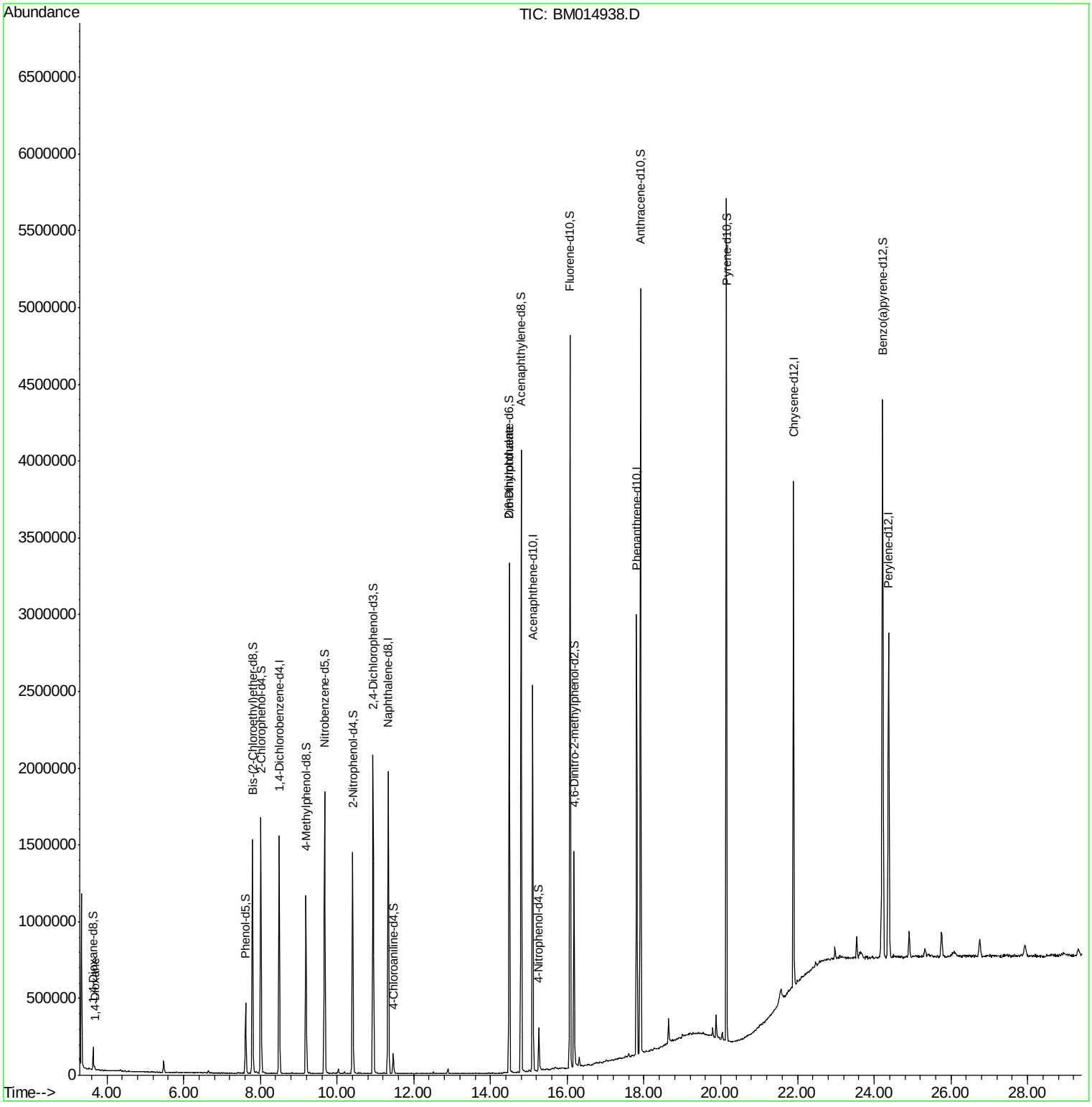
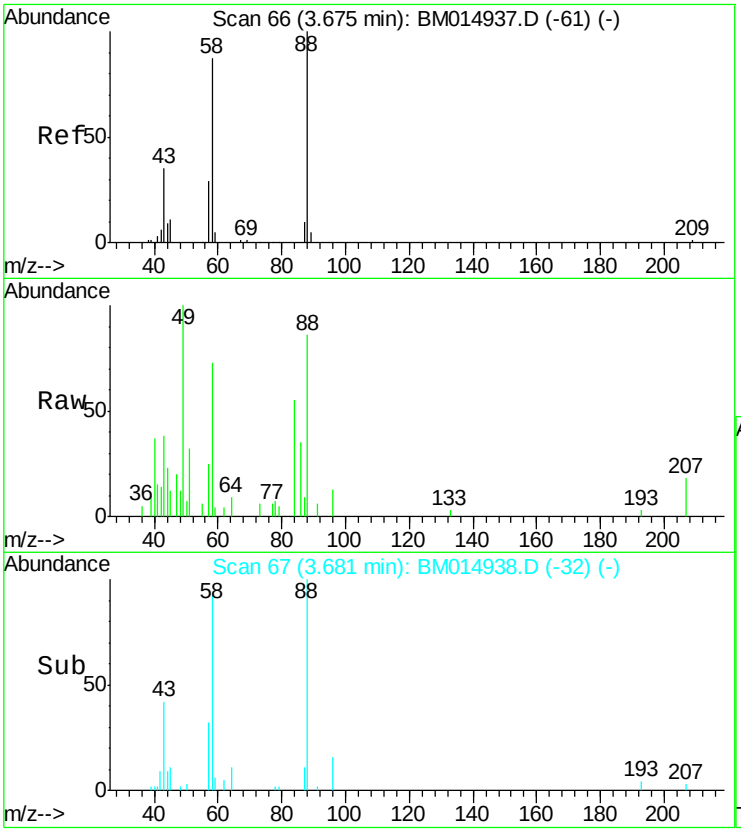


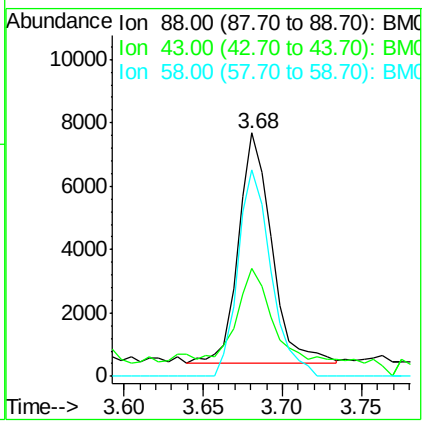


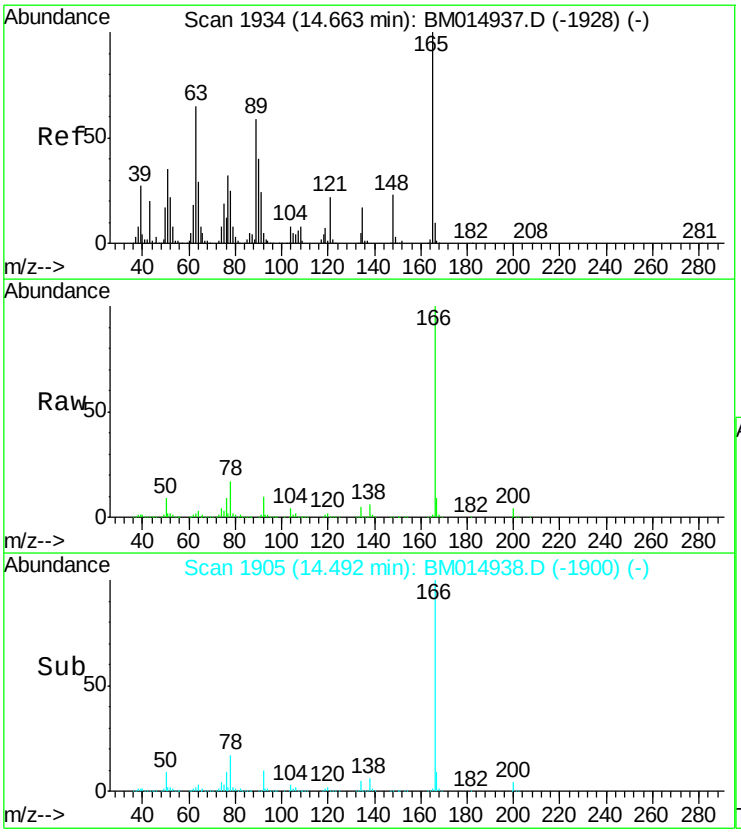

#2
1,4-Dioxane
Concen: 1.114 ng/uL
RT: 3.68 min Scan# 67
Delta R.T. 0.01 min
Lab File: BM014938.D
Acq: 03 May 2018 00:38

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 88 Resp: 10626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 36.9 | 48.0 | 72.0# |
| 58 | 89.0 | 80.0 | 120.0 |




#45
2,6-Dinitrotoluene
Concen: 1.332 ng/ul
RT: 14.49 min Scan# 1905
Delta R.T. -0.17 min
Lab File: BM014938.D
Acq: 03 May 2018 00:38

Tgt Ion:165 Resp: 14528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 52.6 | 79.0# |
| 121 | 39.3 | 14.6 | 22.0# |