Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002123.D
Acq On : 29 Jul 2015 14:14
Operator : TP/UM
Sample : G3037-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C02M6

Quant Time: Jul 29 15:35:01 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:50:38 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 65232 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.37 | 136 | 280547 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.25 | 164 | 186375 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.00 | 188 | 442101 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.21 | 240 | 509101 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.41 | 264 | 445464 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.05 | 96 | 1677 | 1.33 | ng/uL | -0.01 |
| 5) Phenol-d5 | 6.76 | 99 | 34905 | 7.49 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 88156 | 34.19 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.12 | 132 | 112060 | 28.35 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 71066 | 19.17 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.75 | 128 | 71623 | 35.92 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.47 | 143 | 82731 | 37.33 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.00 | 165 | 143873 | 33.71 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.52 | 131 | 9476 | 2.02 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.67 | 166 | 511027 | 37.43 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.94 | 160 | 607051 | 35.56 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.48 | 143 | 15190 | 6.67 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.25 | 176 | 443847 | 36.95 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 86932 | 32.15 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.10 | 188 | 708258 | 35.89 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.41 | 212 | 805837 | 37.60 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.27 | 264 | 747778 | 34.63 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.73 | 77 | 5681 | 2.29 | ng/ul | 85 |
| 14) Acetophenone | 8.41 | 105 | 6855 | 1.17 | ng/ul | 92 |

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

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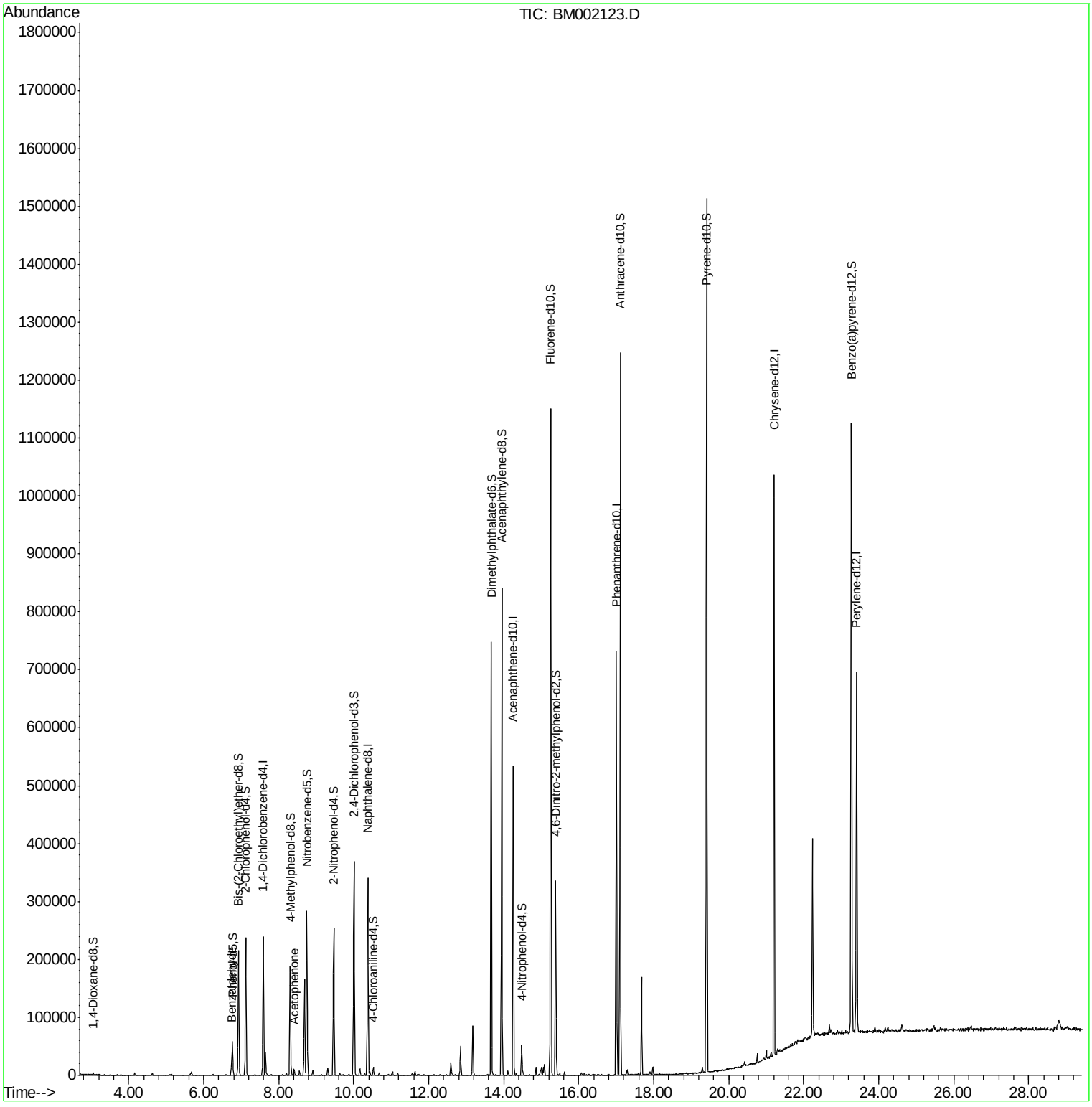
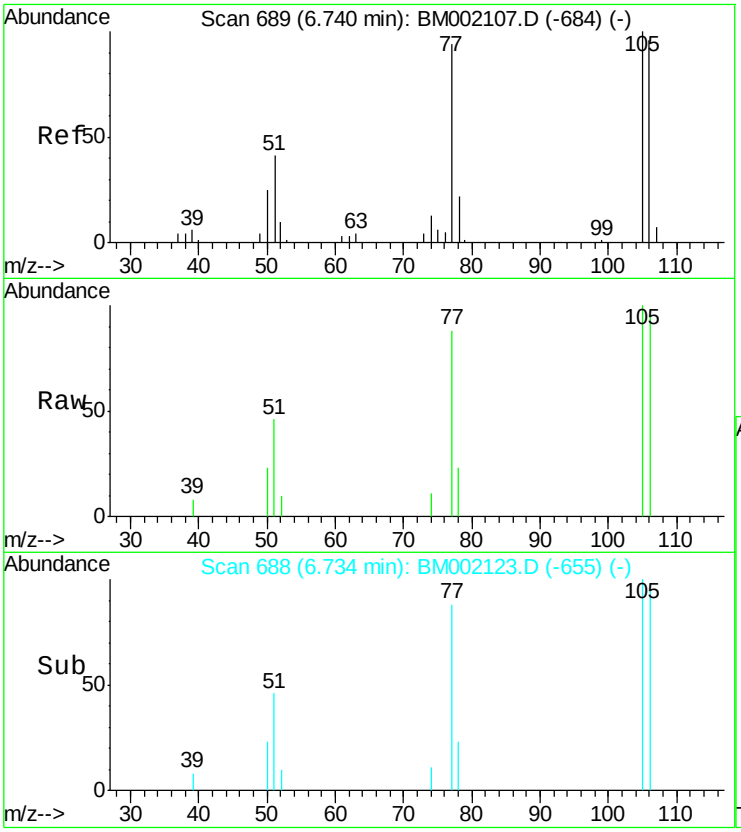


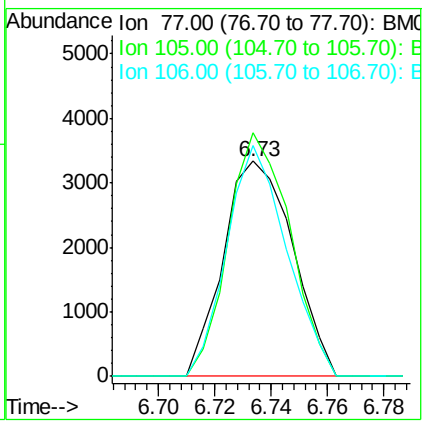


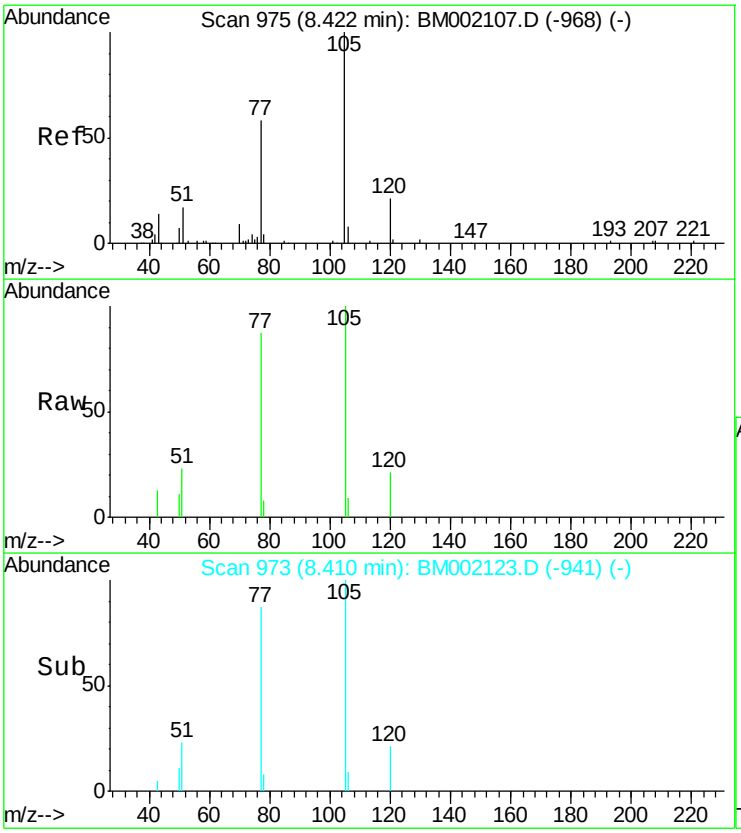

#4
Benzaldehyde
Concen: 2.29 ng/ul
RT: 6.73 min Scan# 688
Delta R.T. -0.01 min
Lab File: BM002123.D
Acq: 29 Jul 2015 14:14

**Instrument :**
BNA_M
**ClientSampleId :**
C02M6

Tgt Ion: 77 Resp: 5681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 113.1 | 78.5 | 117.7 |
| 106 | 107.4 | 74.5 | 111.7 |




#14
Acetophenone
Concen: 1.17 ng/ul
RT: 8.41 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM002123.D
Acq: 29 Jul 2015 14:14

Tgt Ion:105 Resp: 6855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 86.6 | 61.8 | 92.8 |
| 51 | 23.2 | 18.5 | 27.7 |