Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021700.D
Acq On : 29 Jul 2019 17:58
Operator : HP/JU
Sample : K3920-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** A42M5

Quant Time: Jul 29 18:58:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 26 18:42:09 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 161479 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.46 | 136 | 678172 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.33 | 164 | 449199 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.08 | 188 | 947394 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.27 | 240 | 731734 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.51 | 264 | 732171 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 4666 | 1.39 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.86 | 99 | 78400 | 6.45 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 188385 | 27.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.22 | 132 | 230147 | 22.84 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.39 | 113 | 158751 | 15.57 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.85 | 128 | 145171 | 28.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.56 | 143 | 162284 | 29.05 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 321138 | 26.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.63 | 131 | 49539 | 4.38 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 13.75 | 166 | 1171060 | 33.78 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.02 | 160 | 1286948 | 31.23 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.56 | 143 | 20377 | 3.87 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.32 | 176 | 1013102 | 33.31 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 140894 | 23.92 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.18 | 188 | 1640879 | 34.42 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.48 | 212 | 1733541 | 42.23 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.37 | 264 | 1375577 | 35.51 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 13963 | 4.141 | ng/uL | 92 |
| 44) Dimethylphthalate | 13.79 | 163 | 126387 | 3.512 | ng/ul | 99 |
| 52) 4-Nitrophenol | 14.58 | 109 | 5200 | 1.091 | ng/ul | 88 |

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

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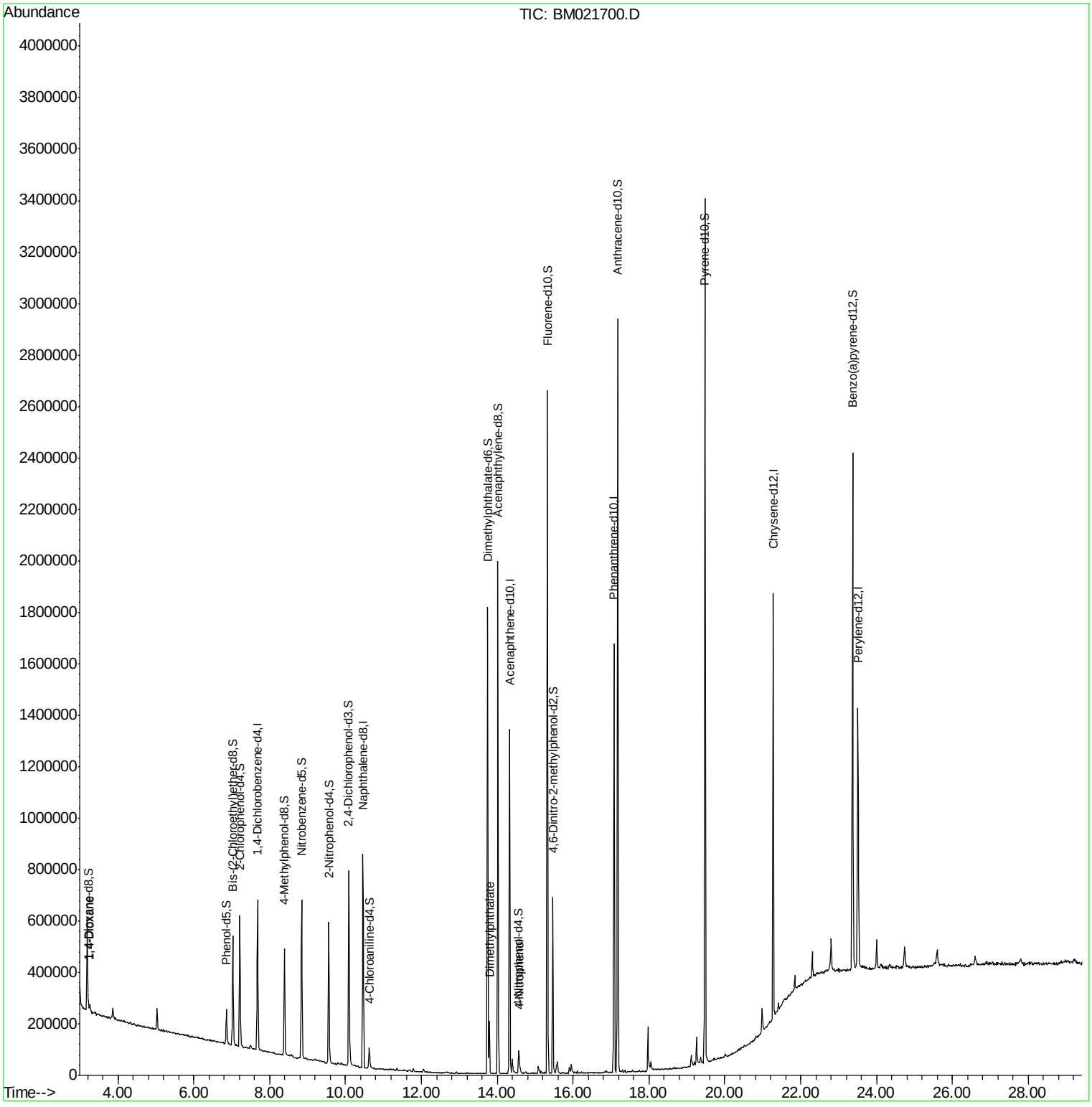
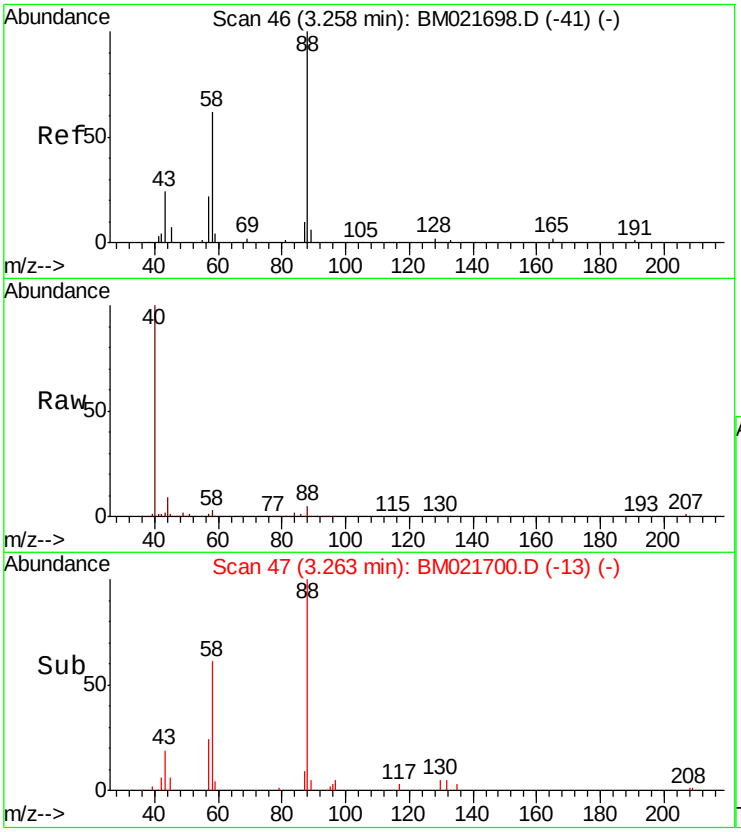


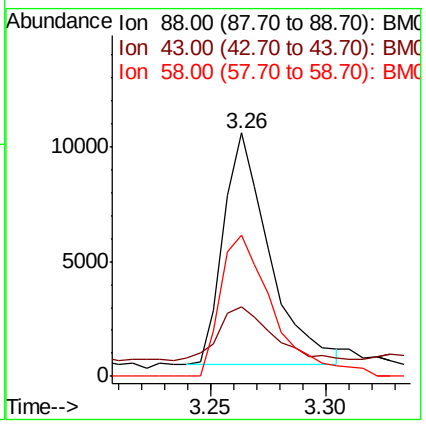


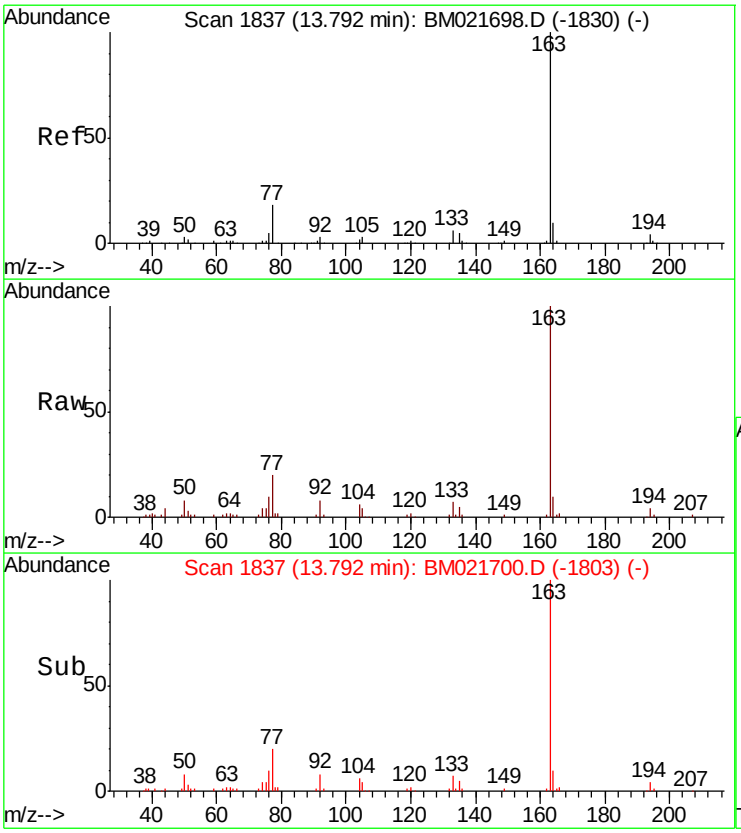

#2
1,4-Dioxane
Concen: 4.141 ng/uL
RT: 3.26 min Scan# 47
Delta R.T. 0.00 min
Lab File: BM021700.D
Acq: 29 Jul 2019 17:58

**Instrument :**
BNA_M
**ClientSampleId :**
A42M5

Tgt Ion: 88 Resp: 13963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 28.4 | 28.2 | 42.2 |
| 58 | 58.3 | 49.9 | 74.9 |

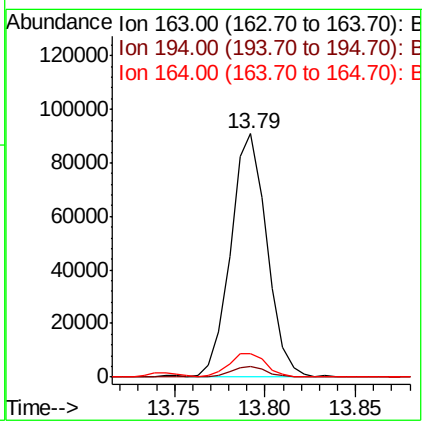


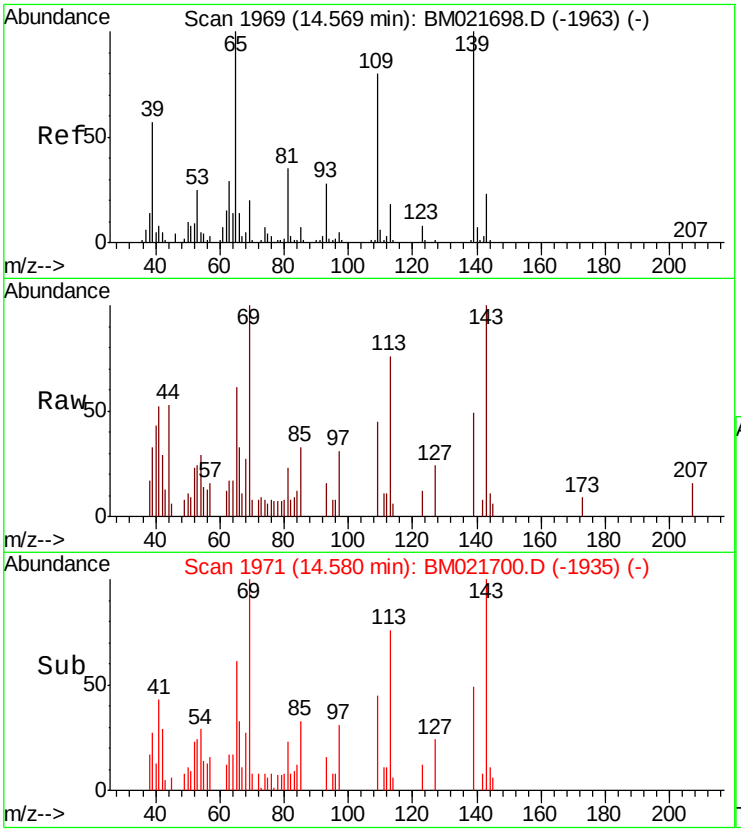




#44
Dimethylphthalate
Concen: 3.512 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BM021700.D
Acq: 29 Jul 2019 17:58

Tgt Ion:163 Resp: 126387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.5 | 5.3 |
| 164 | 9.8 | 8.1 | 12.1 |






#52
4-Nitrophenol
Concen: 1.091 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BM021700.D
Acq: 29 Jul 2019 17:58

**Instrument :**
BNA_M
**ClientSampleId :**
A42M5

Tgt Ion:109 Resp: 5200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 107.8 | 96.6 | 144.8 |
| 65 | 136.1 | 97.8 | 146.6 |