Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028434.D
Acq On : 18 Jan 2021 20:33
Operator : CG/JU
Sample : M1099-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F1C11

Quant Time: Jan 19 00:23:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 18 23:34:50 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.09 | 152 | 36996 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.91 | 136 | 142548 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.73 | 164 | 75548 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.45 | 188 | 140993 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.57 | 240 | 126722 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.89 | 264 | 128690 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.33 | 96 | 5562 | 6.33 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.24 | 99 | 103218 | 32.68 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.40 | 67 | 64862 | 32.81 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.61 | 132 | 89783 | 32.79 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.80 | 113 | 82747 | 32.44 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.26 | 128 | 40691 | 33.36 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.99 | 143 | 44850 | 33.67 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.52 | 165 | 77866 | 32.08 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.05 | 131 | 104029 | 36.82 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.13 | 166 | 202675 | 33.78 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.42 | 160 | 263011 | 34.32 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.91 | 143 | 31793 | 28.29 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.71 | 176 | 163721 | 31.57 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.83 | 200 | 23648 | 24.37 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.55 | 188 | 233756 | 32.20 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.82 | 212 | 238573 | 32.23 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.74 | 264 | 245254 | 33.58 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.26 | 94 | 5078 | 1.616 | ng/ul | 95 |
| 31) Hexachlorobutadiene | 11.23 | 225 | 5780 | 3.798 | ng/ul | 97 |
| 45) Dimethylphthalate | 14.17 | 163 | 12896 | 2.121 | ng/ul | 98 |

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

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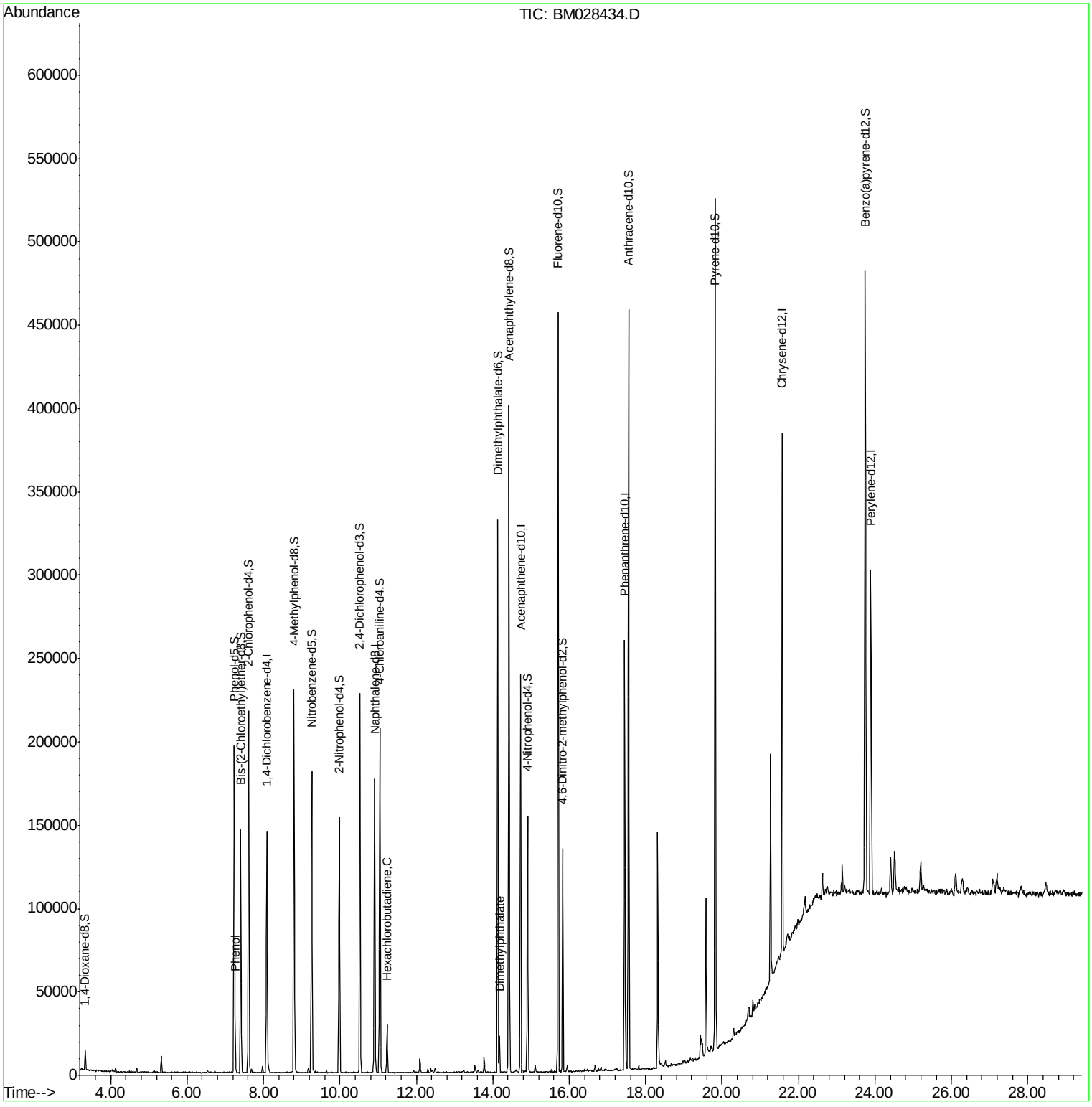
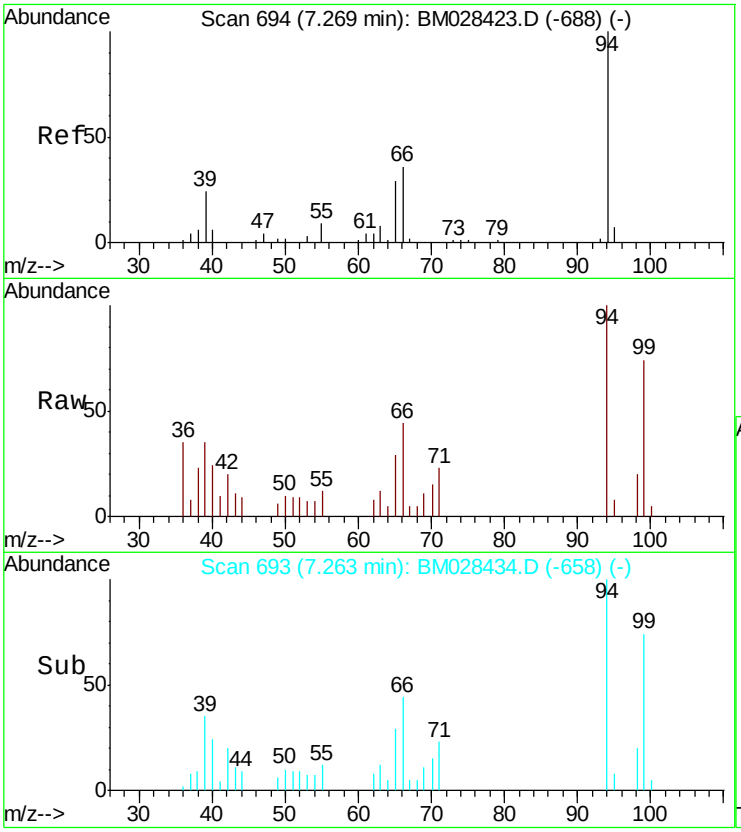


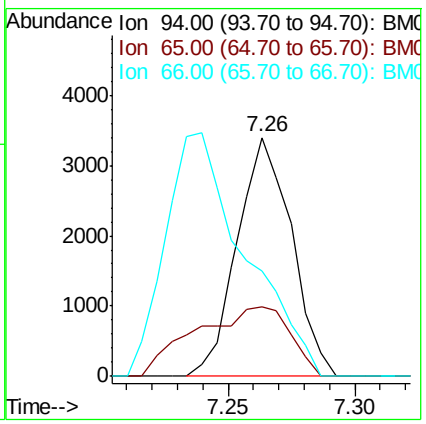


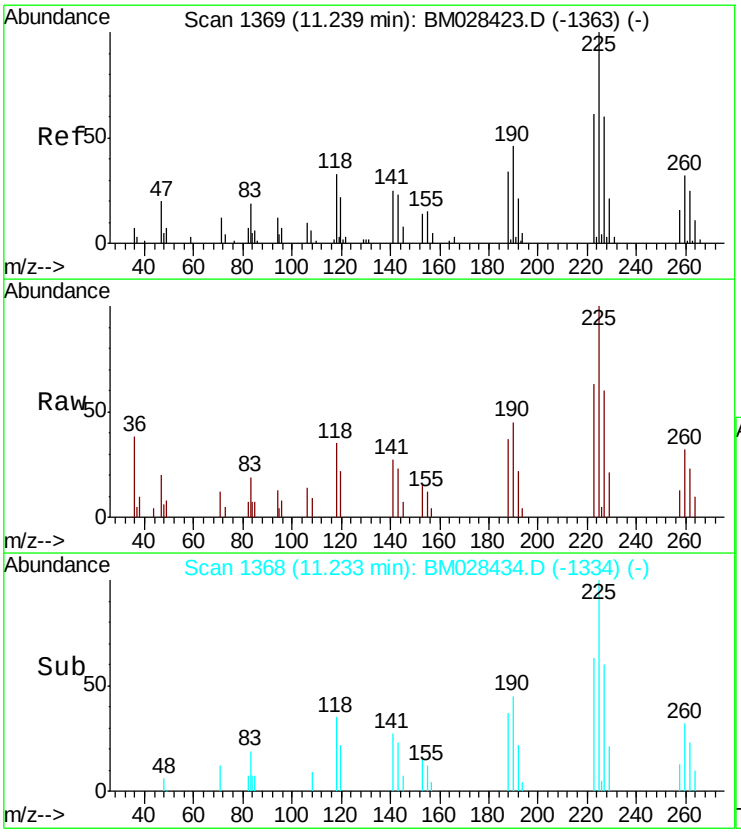

#6
Phenol
Concen: 1.616 ng/ul
RT: 7.26 min Scan# 693
Delta R.T. 0.01 min
Lab File: BM028434.D
Acq: 18 Jan 2021 20:33

**Instrument :**
BNA_M
**ClientSampleId :**
F1C11

Tgt Ion: 94 Resp: 5078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.0 | 25.6 | 38.4 |
| 66 | 43.9 | 33.0 | 49.4 |

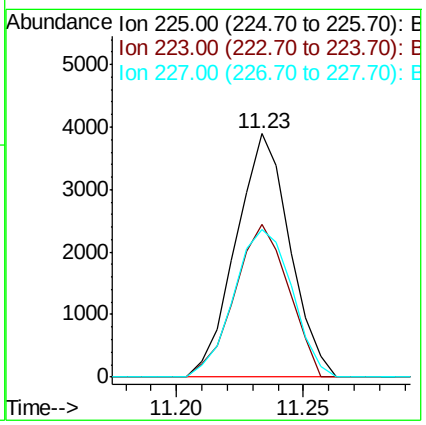


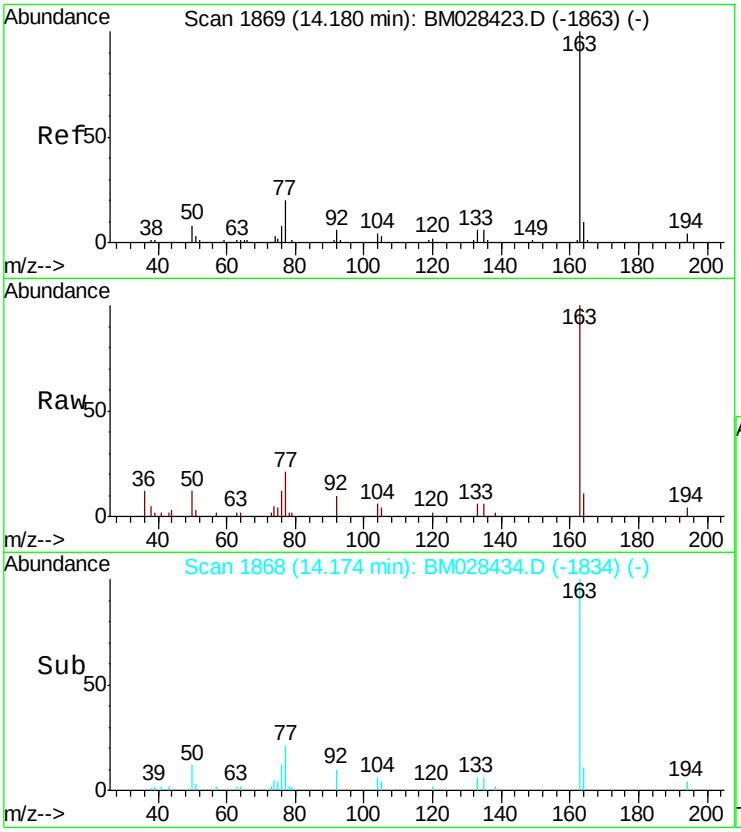




#31
Hexachlorobutadiene
Concen: 3.798 ng/ul
RT: 11.23 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BM028434.D
Acq: 18 Jan 2021 20:33

Tgt Ion:225 Resp: 5780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.7 | 50.8 | 76.2 |
| 227 | 60.4 | 51.8 | 77.8 |






#45
Dimethylphthalate
Concen: 2.121 ng/ul
RT: 14.17 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BM028434.D
Acq: 18 Jan 2021 20:33

**Instrument :**
BNA_M
**ClientSampleId :**
F1C11

Tgt Ion:163 Resp: 12896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.3 | 4.9 |
| 164 | 11.0 | 8.2 | 12.2 |