Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024769.D
Acq On : 07 Feb 2020 19:52
Operator : CG/JU
Sample : L1399-14
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB6G5

Quant Time: Feb 07 22:50:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 280323 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.16 | 136 | 1123366 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.06 | 164 | 741776 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.82 | 188 | 1598505 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.03 | 240 | 1580568 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.13 | 264 | 1631751 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.02 | 96 | 22394 | 3.84 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.60 | 99 | 352066 | 18.91 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.76 | 67 | 234468 | 22.29 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.95 | 132 | 333956 | 20.02 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.12 | 113 | 301314 | 19.18 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.55 | 128 | 174083 | 21.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.26 | 143 | 206232 | 21.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.80 | 165 | 357940 | 18.49 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.30 | 131 | 444507 | 24.54 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.49 | 166 | 1288354 | 23.01 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.74 | 160 | 1326950 | 20.29 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.28 | 143 | 157472 | 17.31 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.06 | 176 | 1053995 | 21.26 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.19 | 200 | 187182 | 17.96 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 16.91 | 188 | 1500984 | 20.57 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.22 | 212 | 1615417 | 20.43 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.00 | 264 | 1611947 | 19.67 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 77) Fluoranthene | 18.89 | 202 | 161420 | 1.509 | ng/ul | 98 |
| 80) Pyrene | 19.24 | 202 | 160348 | 1.533 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.51 | 252 | 133437 | 1.286 | ng/ul# | 93 |

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

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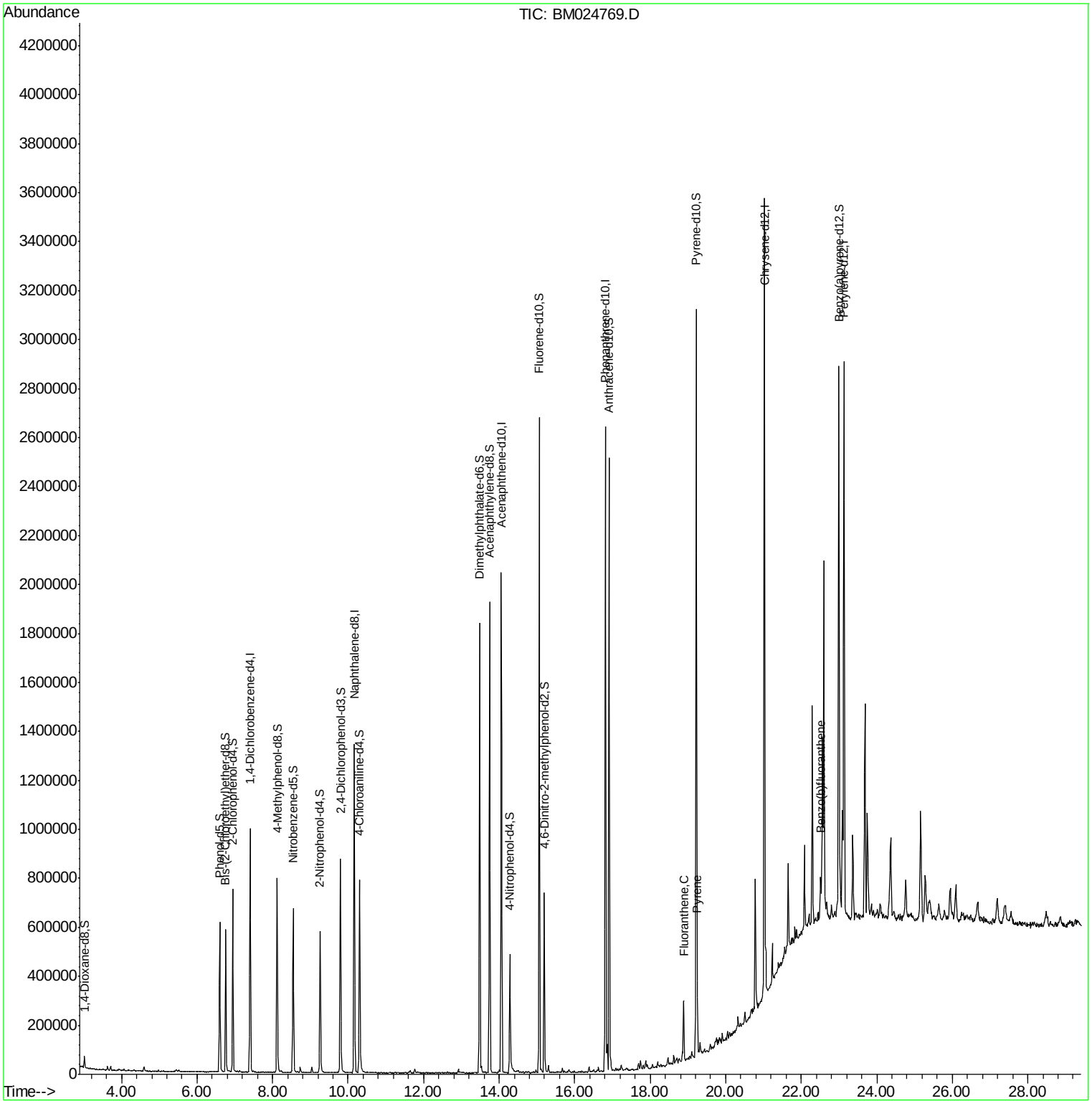
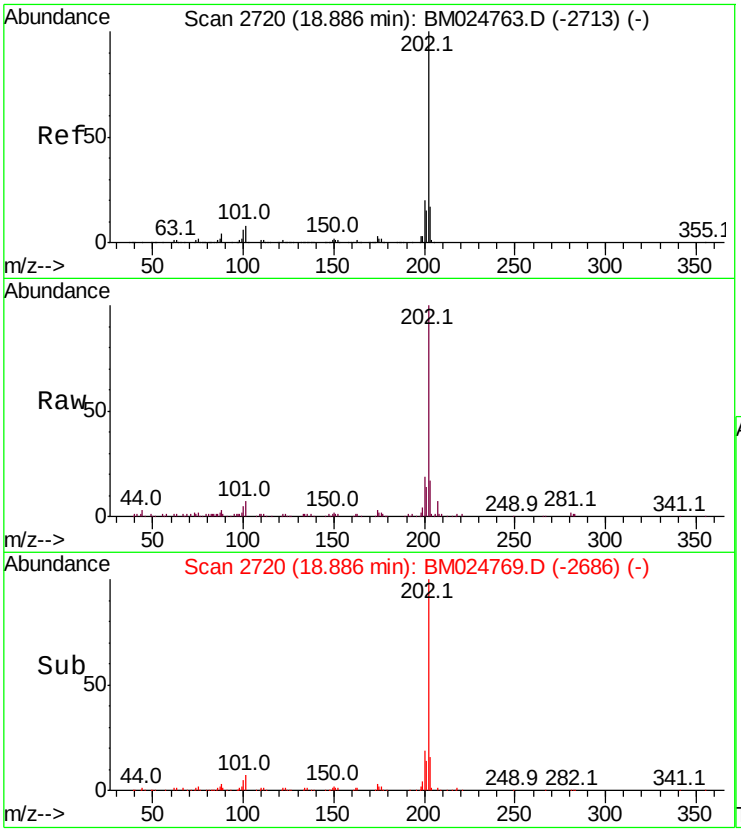


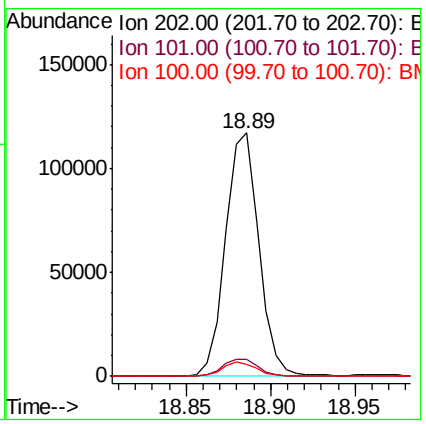


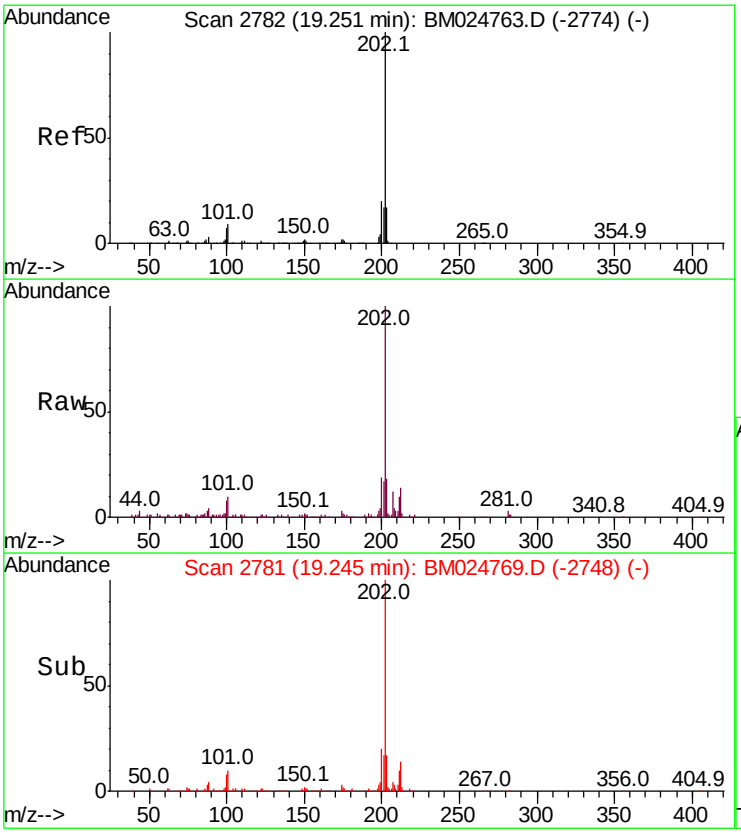

#77
Fluoranthene
Concen: 1.509 ng/ul
RT: 18.89 min Scan# 2720
Delta R.T. 0.00 min
Lab File: BM024769.D
Acq: 07 Feb 2020 19:52

**Instrument :**
BNA_M
**ClientSampleId :**
CB6G5

Tgt Ion:202 Resp: 161420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.1 | 6.1 | 9.1 |
| 100 | 4.9 | 4.8 | 7.2 |

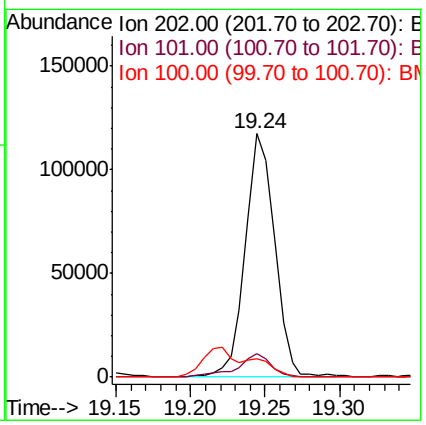


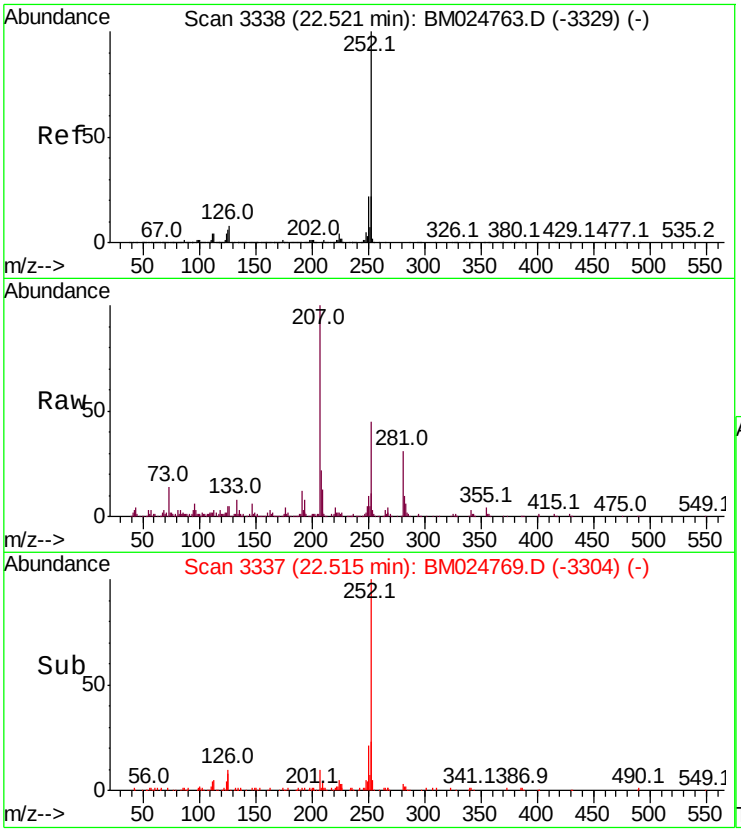




#80
Pyrene
Concen: 1.533 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024769.D
Acq: 07 Feb 2020 19:52

Tgt Ion:202 Resp: 160348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.7 | 7.0 | 10.4 |
| 100 | 7.5 | 5.8 | 8.8 |






#88
Benzo(b)fluoranthene
Concen: 1.286 ng/ul
RT: 22.51 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BM024769.D
Acq: 07 Feb 2020 19:52

**Instrument :**
BNA_M
**ClientSampleId :**
CB6G5

Tgt Ion:252 Resp: 133437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.3 | 17.3 | 25.9 |
| 125 | 10.1 | 5.1 | 7.7# |