Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007020.D
Acq On : 11 Aug 2016 03:12
Operator : UM/SJ
Sample : H4303-09MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DA0J2MS

Quant Time: Aug 11 03:46:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 287356 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.60 | 136 | 1299548 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.45 | 164 | 828754 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.19 | 188 | 2060572 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.37 | 240 | 2635240 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.65 | 264 | 2323047 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.33 | 96 | 16164 | 2.56 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.98 | 99 | 753400 | 29.46 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 428345 | 29.97 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.35 | 132 | 639418 | 32.96 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.52 | 113 | 614189 | 28.37 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.97 | 128 | 306696 | 30.90 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.69 | 143 | 336633 | 29.61 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 644635 | 29.04 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.74 | 131 | 854712 | 32.93 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.86 | 166 | 2167911 | 30.60 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.14 | 160 | 2650152 | 31.95 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.64 | 143 | 349676 | 27.50 | ng/ul | 0.00 |
| 21) Fluorene-d10 | 15.44 | 176 | 1896342 | 31.50 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.55 | 200 | 275260 | 24.65 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.29 | 188 | 3031556 | 31.58 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.58 | 212 | 3682329 | 30.73 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.51 | 264 | 3439555 | 32.21 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) Acenaphthene | 14.52 | 153 | 1752154 | 31.61 | ng/ul | 99 |
| 28) Fluoranthene | 19.62 | 202 | 4675532 | 33.62 | ng/ul | 99 |
| 31) Pyrene | 19.62 | 202 | 4675532 | 30.59 | ng/ul | 97 |

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

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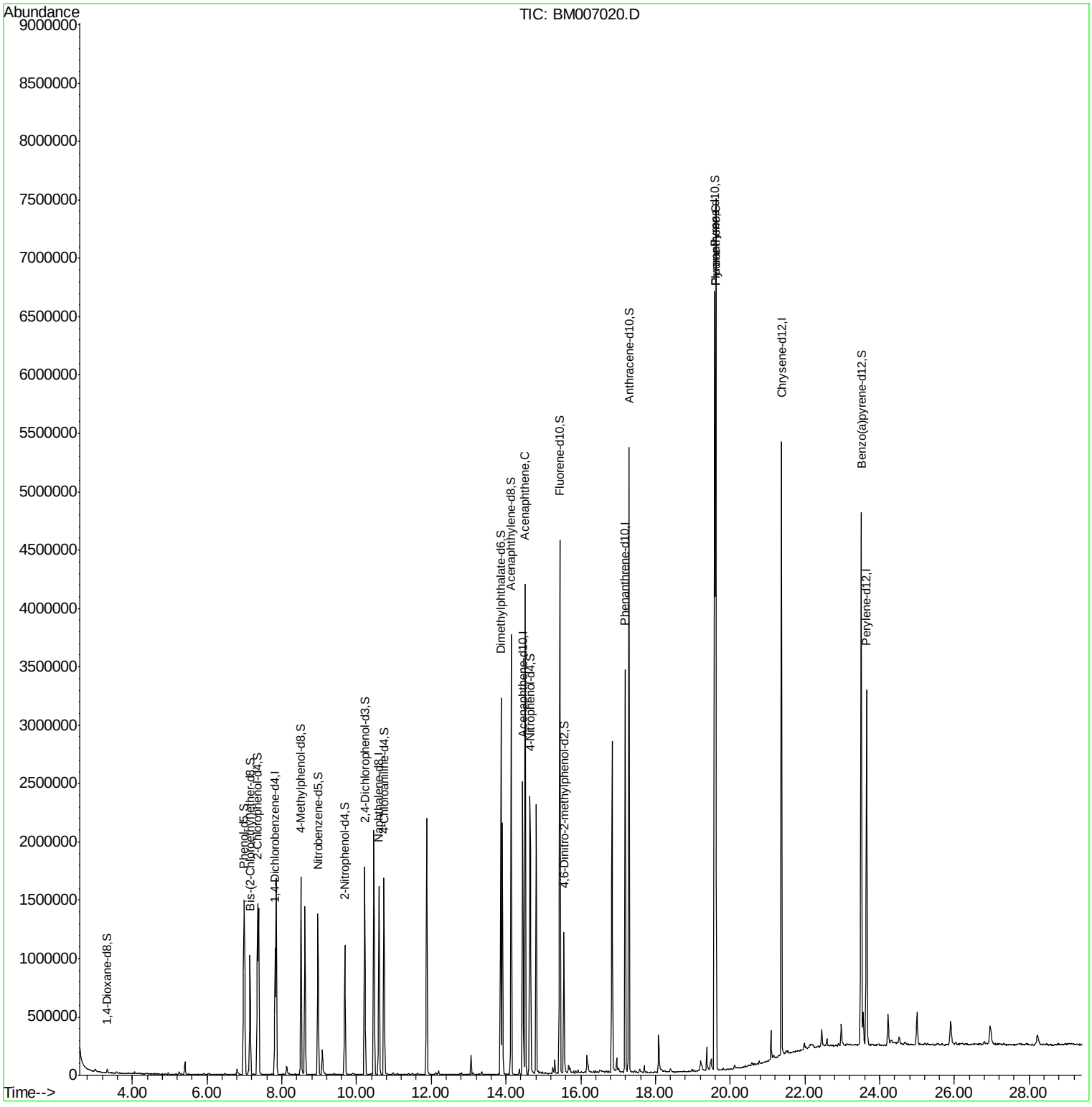
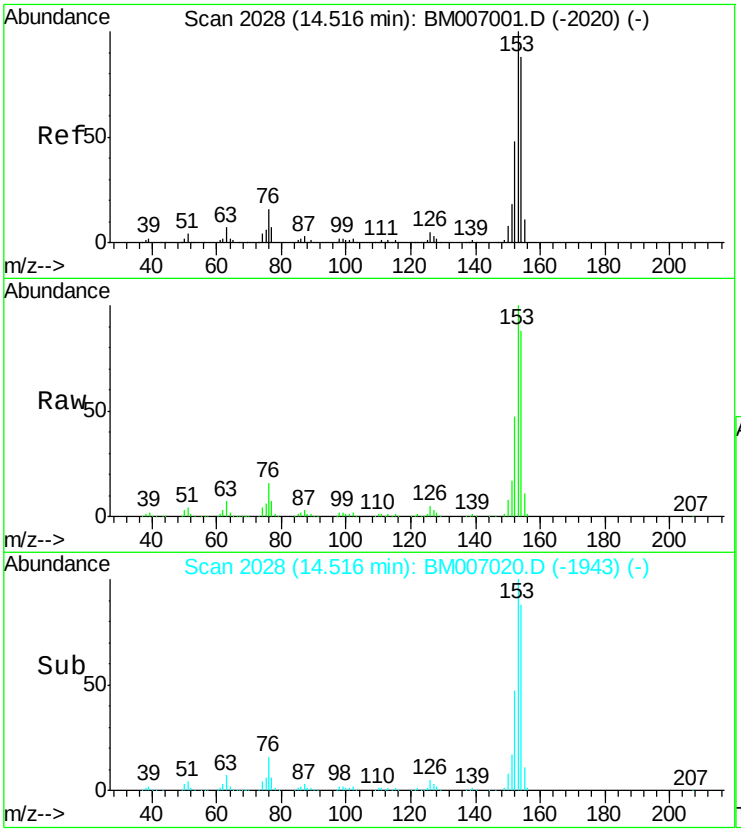


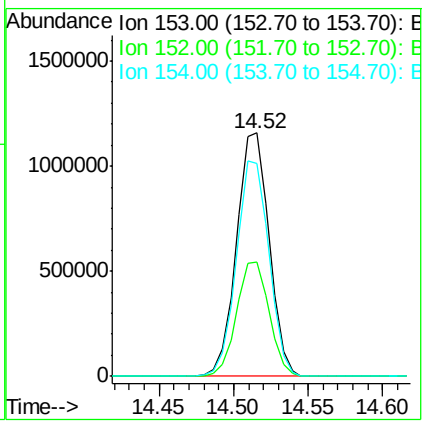


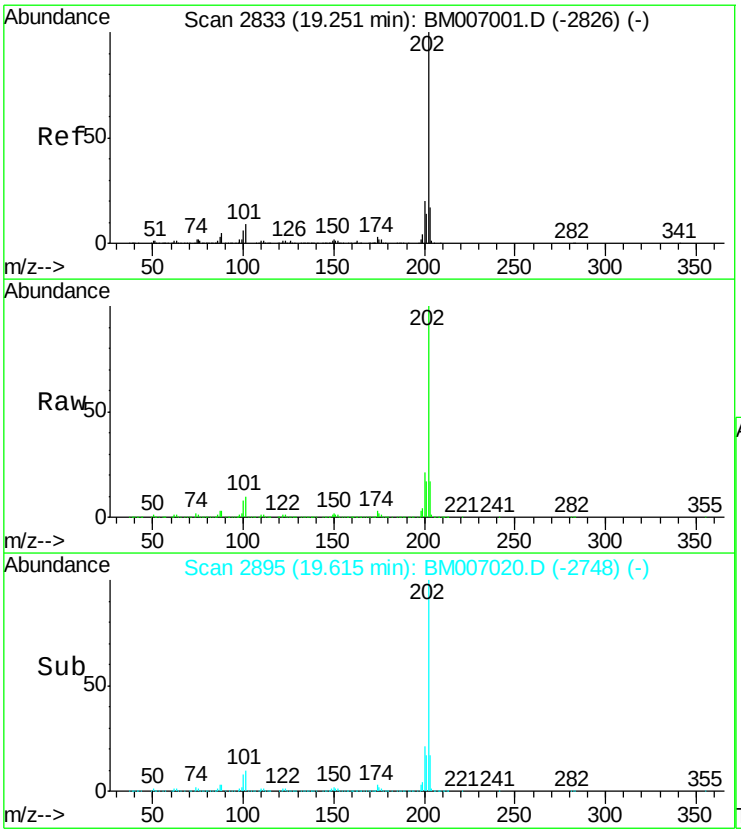

#19
Acenaphthene
Concen: 31.61 ng/ul
RT: 14.52 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM007020.D
Acq: 11 Aug 2016 03:12

**Instrument :**
BNA_M
**ClientSampleId :**
DA0J2MS

Tgt Ion:153 Resp: 1752154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 46.9 | 37.0 | 55.6 |
| 154 | 87.6 | 70.9 | 106.3 |

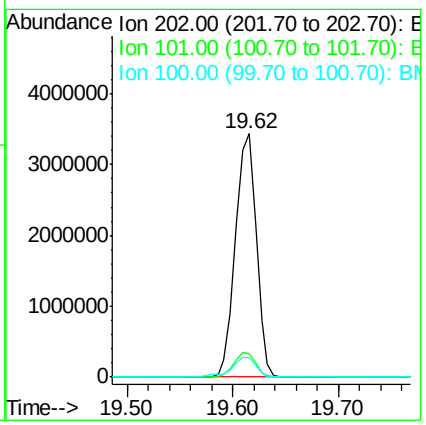


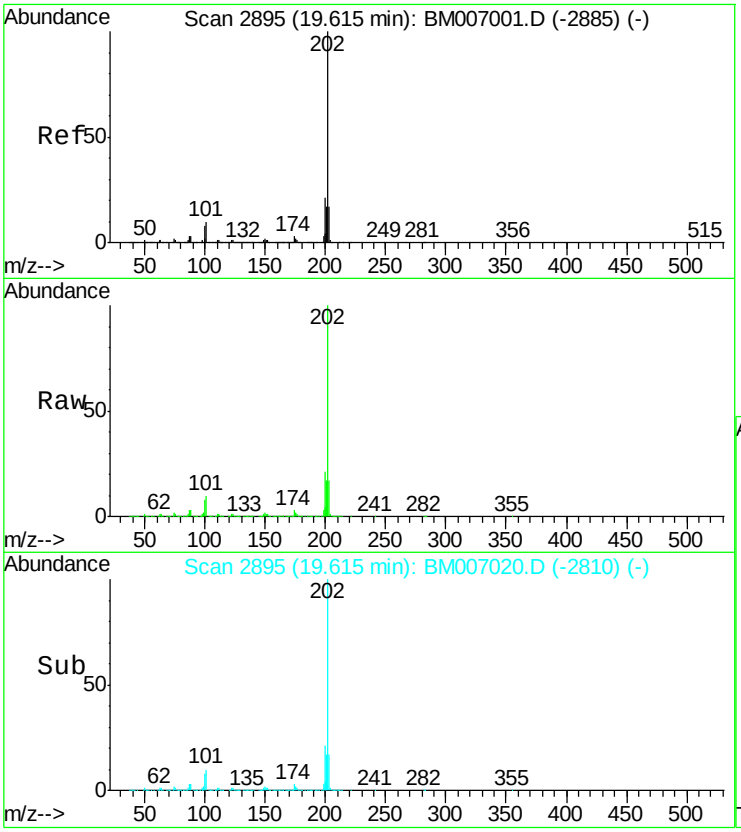




#28
Fluoranthene
Concen: 33.62 ng/ul
RT: 19.62 min Scan# 2895
Delta R.T. 0.36 min
Lab File: BM007020.D
Acq: 11 Aug 2016 03:12

Tgt Ion:202 Resp: 4675532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.6 | 7.4 | 11.2 |
| 100 | 8.0 | 5.8 | 8.6 |






#31
Pyrene
Concen: 30.59 ng/ul
RT: 19.62 min Scan# 2895
Delta R.T. 0.00 min
Lab File: BM007020.D
Acq: 11 Aug 2016 03:12

**Instrument :**
BNA_M
**ClientSampleId :**
DA0J2MS

Tgt Ion:202 Resp: 4675532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.6 | 8.5 | 12.7 |
| 100 | 8.0 | 7.1 | 10.7 |