Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030151.D
Acq On : 22 May 2021 15:39
Operator : CG/JU
Sample : M2455-01
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0BA1

Quant Time: May 24 02:30:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 24 02:23:05 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.50 | 152 | 140154 | 20.00 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.27 | 136 | 561401 | 20.00 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.16 | 164 | 387120 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.91 | 188 | 789110 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.10 | 240 | 817322 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.24 | 264 | 768822 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 4) Pyridine-d5 | 0.00 | 84 | 0d | 0.00 | ng/ul | |
| 7) Phenol-d5 | 0.00 | 99 | 0 | 0.00 | ng/ul | |
| 9) Bis-(2-Chloroethyl)ether-d | 0.00 | 67 | 0 | 0.00 | ng/ul | |
| 11) 2-Chlorophenol-d4 | 0.00 | 132 | 0 | 0.00 | ng/ul | |
| 15) 4-Methylphenol-d8 | 0.00 | 113 | 0 | 0.00 | ng/ul | |
| 21) Nitrobenzene-d5 | 0.00 | 128 | 0 | 0.00 | ng/ul | |
| 24) 2-Nitrophenol-d4 | 0.00 | 143 | 0 | 0.00 | ng/ul | |
| 28) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0 | 0.00 | ng/ul | |
| 31) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 46) Dimethylphthalate-d6 | 0.00 | 166 | 0 | 0.00 | ng/ul | |
| 49) Acenaphthylene-d8 | 0.00 | 160 | 0 | 0.00 | ng/ul | |
| 54) 4-Nitrophenol-d4 | 0.00 | 143 | 0 | 0.00 | ng/ul | |
| 60) Fluorene-d10 | 0.00 | 176 | 0 | 0.00 | ng/ul | |
| 65) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0 | 0.00 | ng/ul | |
| 73) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 81) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 92) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 72) Phenanthrene | 16.95 | 178 | 50304 | 1.081 | ng/ul | 98 |
| 80) Fluoranthene | 18.97 | 202 | 80294 | 1.574 | ng/ul# | 96 |
| 87) Chrysene | 21.14 | 228 | 54701 | 1.030 | ng/ul | 97 |

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

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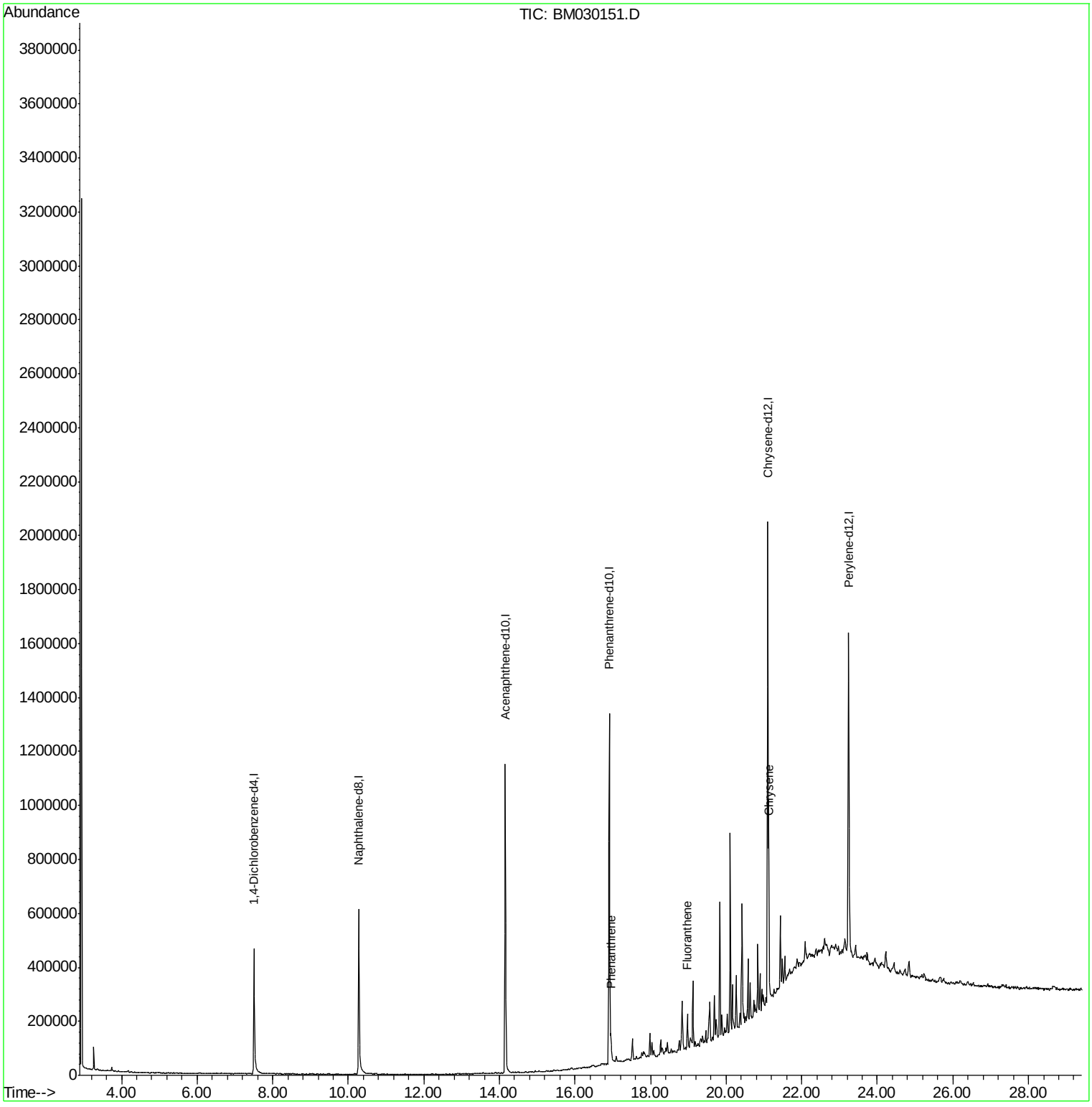
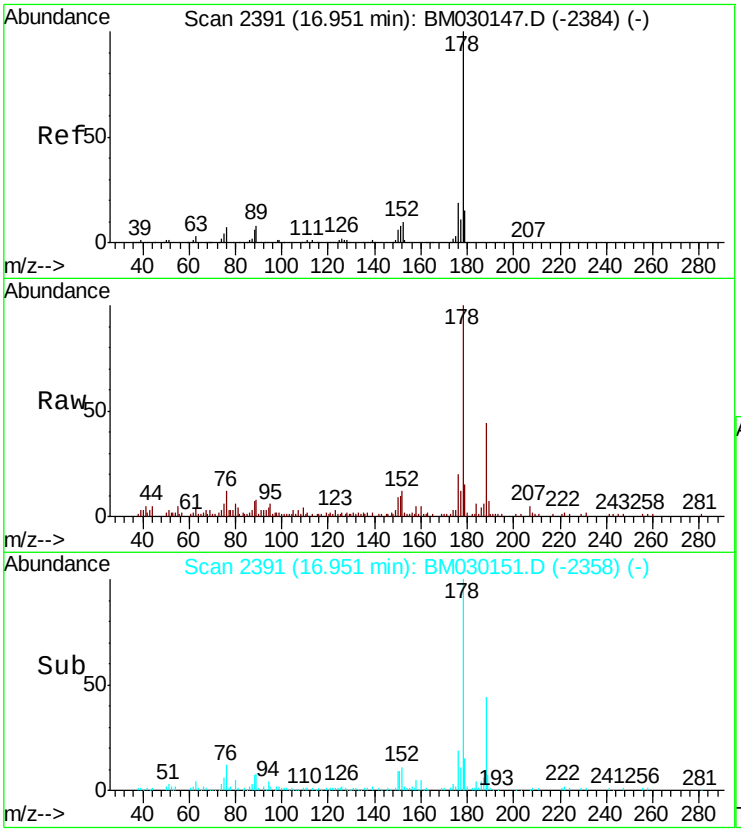


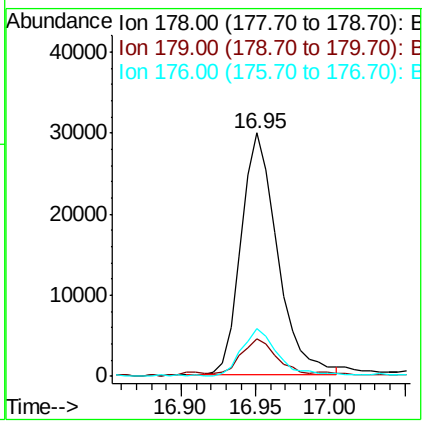


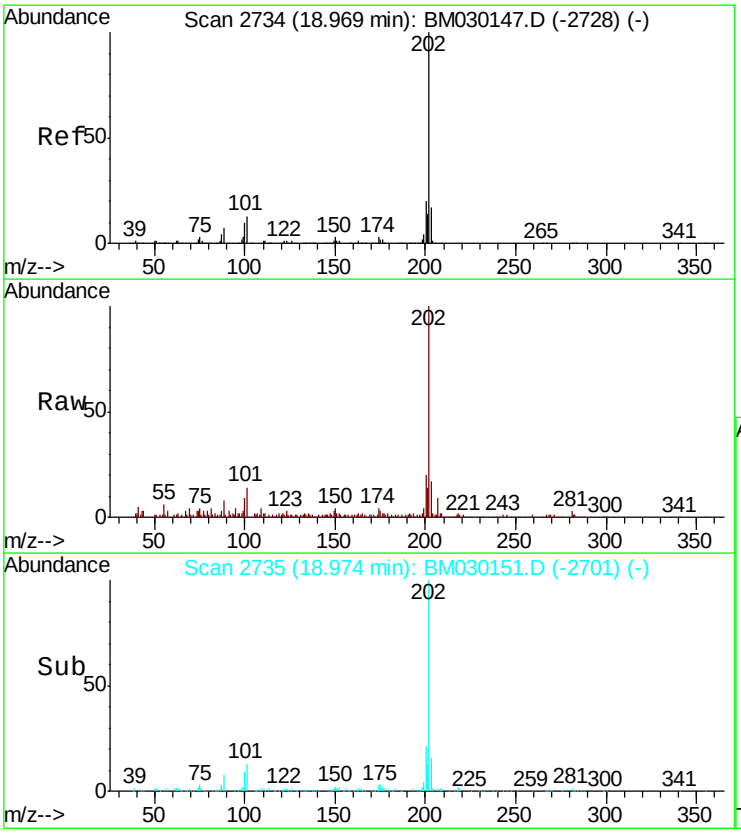

#72
Phenanthrene
Concen: 1.081 ng/ul
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM030151.D
Acq: 22 May 2021 15:39

**Instrument :**
BNA_M
**ClientSampleId :**
C0BA1

Tgt Ion:178 Resp: 50304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.4 | 12.2 | 18.4 |
| 176 | 19.9 | 15.0 | 22.4 |

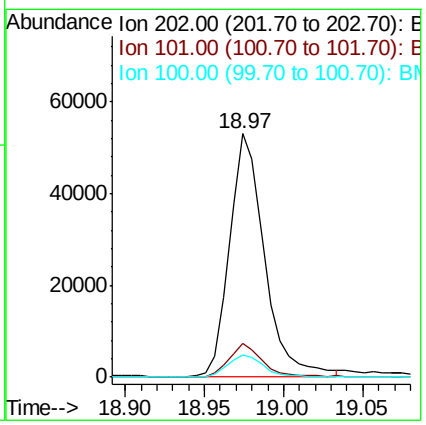


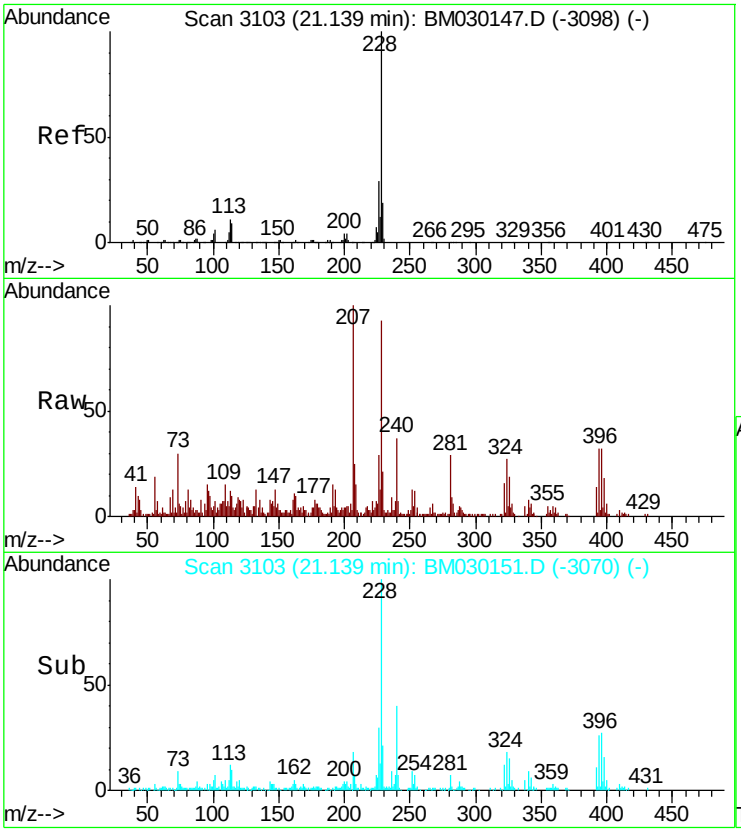




#80
Fluoranthene
Concen: 1.574 ng/ul
RT: 18.97 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BM030151.D
Acq: 22 May 2021 15:39

Tgt Ion:202 Resp: 80294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.7 | 9.0 | 13.4# |
| 100 | 9.2 | 7.0 | 10.6 |






#87
Chrysene
Concen: 1.030 ng/ul
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM030151.D
Acq: 22 May 2021 15:39

**Instrument :**
BNA_M
**ClientSampleId :**
C0BA1

Tgt Ion:228 Resp: 54701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 23.9 | 35.9 |
| 229 | 22.1 | 15.6 | 23.4 |