Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023286.D
Acq On : 19 Oct 2019 13:54
Operator : JU
Sample : K5378-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 19 23:38:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 366437 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 1436584 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.30 | 164 | 877663 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.04 | 188 | 1807068 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.23 | 240 | 1926063 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.43 | 264 | 2306982 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 26869 | 3.23 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 499921 | 15.66 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.99 | 67 | 314583 | 17.42 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.19 | 132 | 440072 | 18.02 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 388996 | 15.17 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.80 | 128 | 204286 | 21.02 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.52 | 143 | 214693 | 23.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 430590 | 18.30 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.56 | 131 | 495152 | 17.29 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.72 | 166 | 1318083 | 19.60 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.99 | 160 | 1536695 | 19.48 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.49 | 143 | 131844 | 12.11 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.29 | 176 | 1143914 | 19.96 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 110719 | 15.45 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.14 | 188 | 1786325 | 20.50 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.43 | 212 | 2031230 | 21.78 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.30 | 264 | 2454965 | 20.99 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.85 | 94 | 69907 | 2.124 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.76 | 163 | 450585 | 6.693 | ng/ul | 100 |
| 77) Fluoranthene | 19.10 | 202 | 194209 | 1.610 | ng/ul | 99 |
| 80) Pyrene | 19.46 | 202 | 155927 | 1.292 | ng/ul | 97 |

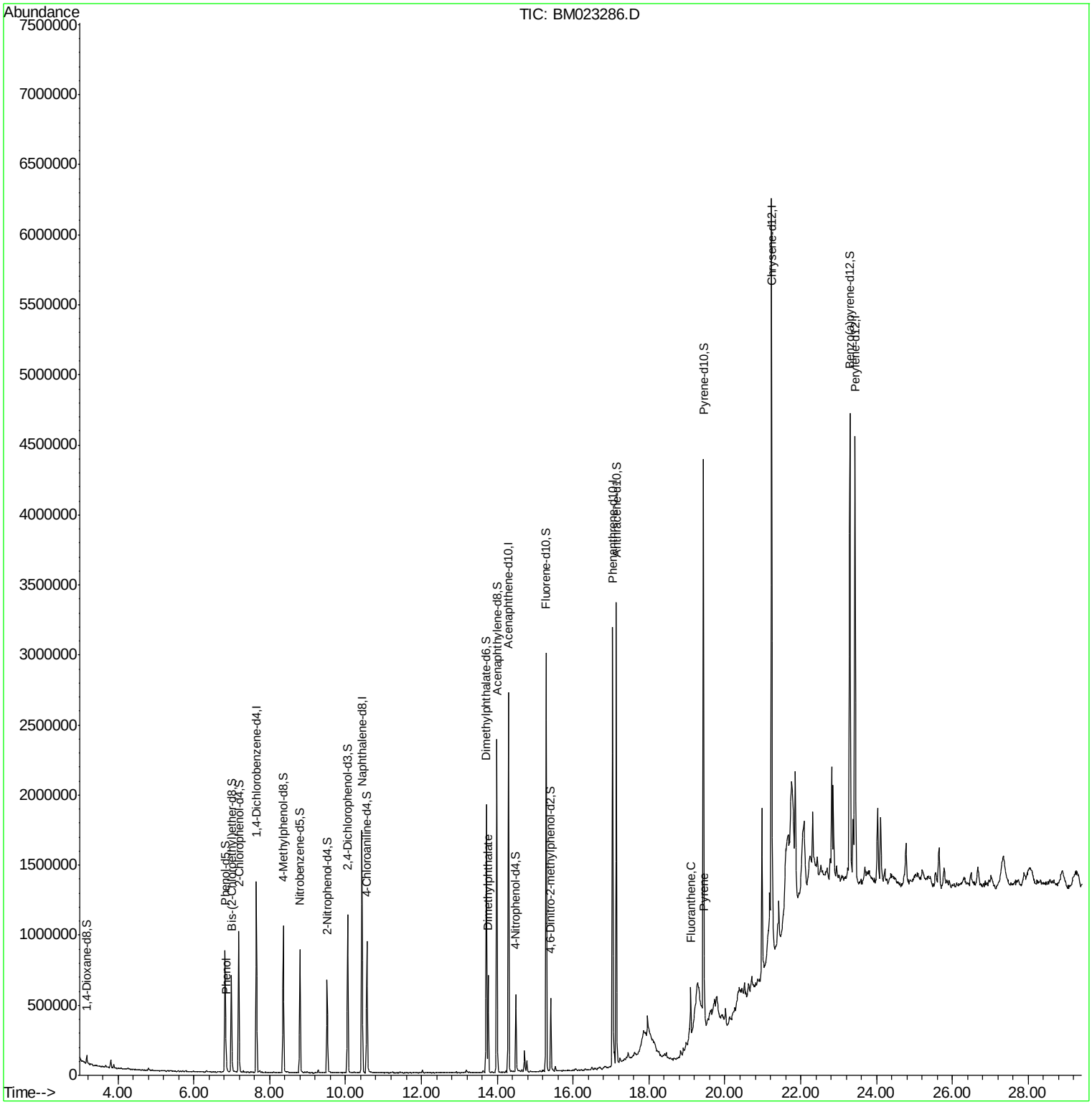
(#) = qualifier out of range (m) = manual integration (+) = signals summed

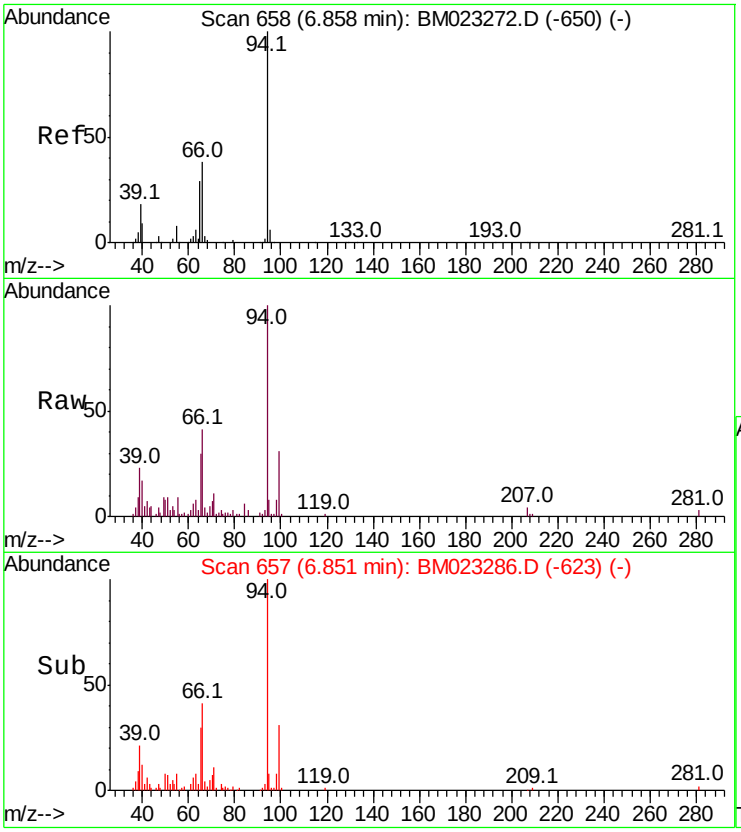
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023286.D
Acq On : 19 Oct 2019 13:54
Operator : JU
Sample : K5378-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 19 23:38:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration



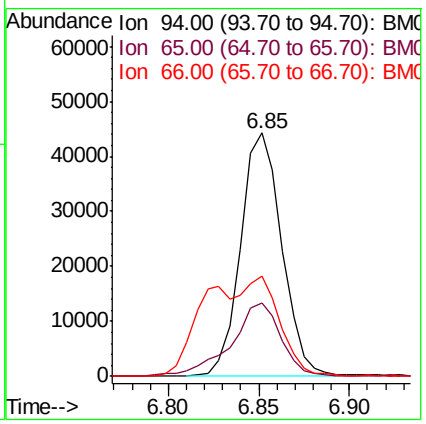


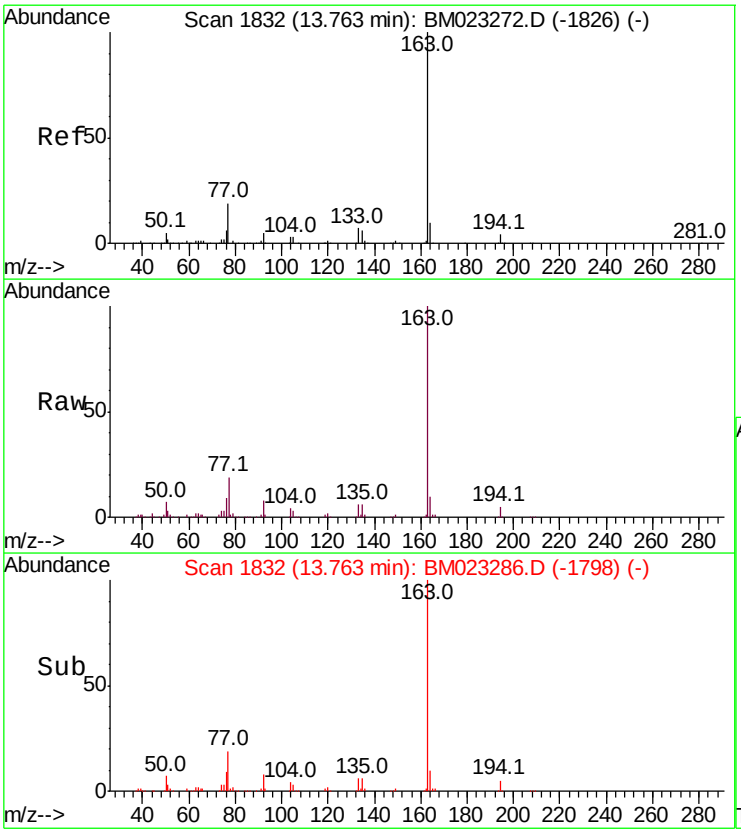

#6
Phenol
Concen: 2.124 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM023286.D
Acq: 19 Oct 2019 13:54

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

Tgt Ion: 94 Resp: 69907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.3 | 23.7 | 35.5 |
| 66 | 41.2 | 32.9 | 49.3 |

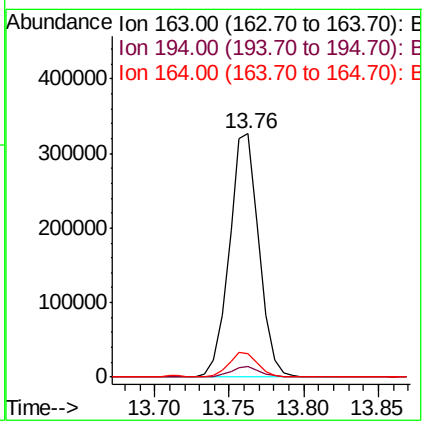


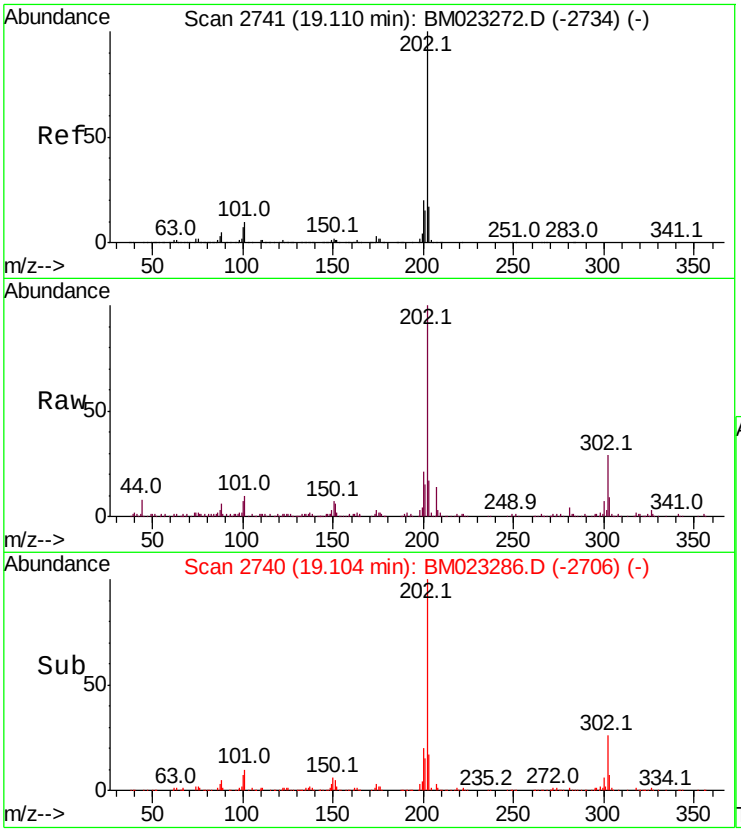




#45
Dimethylphthalate
Concen: 6.693 ng/ul
RT: 13.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BM023286.D
Acq: 19 Oct 2019 13:54

Tgt Ion:163 Resp: 450585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.5 | 5.3 |
| 164 | 9.8 | 8.0 | 12.0 |



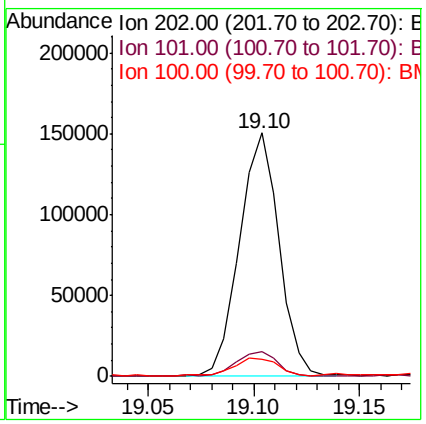


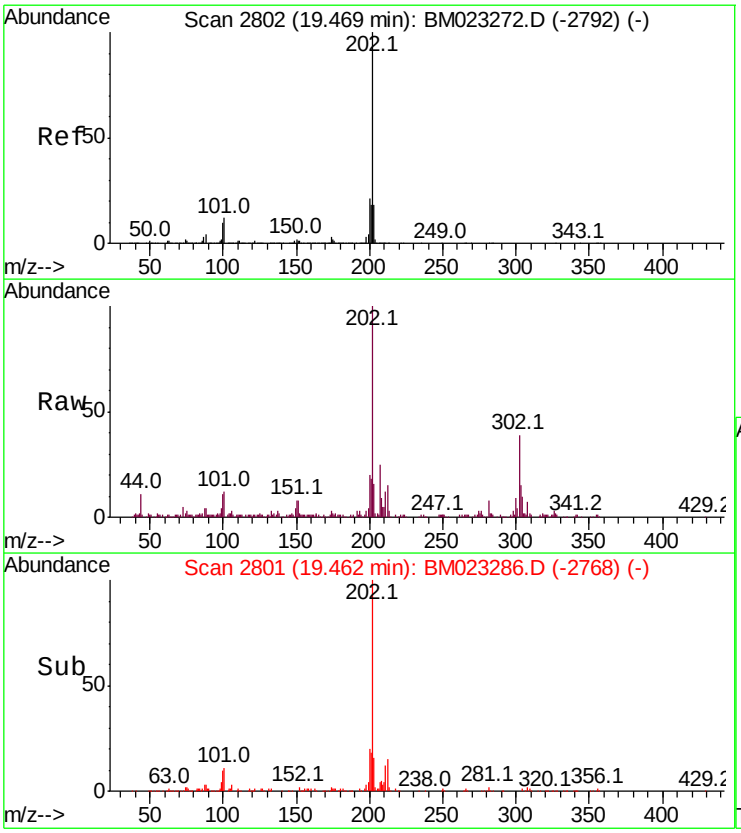

#77
Fluoranthene
Concen: 1.610 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BM023286.D
Acq: 19 Oct 2019 13:54

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

Tgt Ion:202 Resp: 194209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.1 | 7.8 | 11.8 |
| 100 | 7.0 | 6.1 | 9.1 |




#80
Pyrene
Concen: 1.292 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BM023286.D
Acq: 19 Oct 2019 13:54

Tgt Ion:202 Resp: 155927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.3 | 9.1 | 13.7 |
| 100 | 11.1 | 7.5 | 11.3 |