Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023547.D
Acq On : 01 Nov 2019 07:39
Operator : JU
Sample : K5433-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Nov 01 08:23:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 08:19:37 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 460221 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.39 | 136 | 1893696 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.26 | 164 | 1150746 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.00 | 188 | 2413296 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.20 | 240 | 2326240 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.39 | 264 | 2739683 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.15 | 96 | 35010 | 3.61 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.79 | 99 | 687640 | 17.79 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 443415 | 19.57 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.15 | 132 | 541604 | 17.92 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.32 | 113 | 540198 | 17.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.76 | 128 | 297513 | 20.87 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.47 | 143 | 299717 | 18.95 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 444718 | 14.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.52 | 131 | 343046 | 9.60 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.67 | 166 | 1774394 | 20.31 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.94 | 160 | 1964443 | 19.62 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.45 | 143 | 138 | 0.01 | ng/ul | -0.02 |
| 58) Fluorene-d10 | 15.26 | 176 | 1405037 | 18.99 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 8457 | 0.56 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.10 | 188 | 1948331 | 17.08 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.40 | 212 | 2101752 | 16.43 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.26 | 264 | 2035182 | 14.58 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.76 | 77 | 142052 | 6.383 | ng/ul | 95 |
| 6) Phenol | 6.82 | 94 | 102140 | 2.566 | ng/ul | 98 |
| 14) Acetophenone | 8.43 | 105 | 66980 | 1.366 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.72 | 163 | 686791 | 7.828 | ng/ul | 99 |

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

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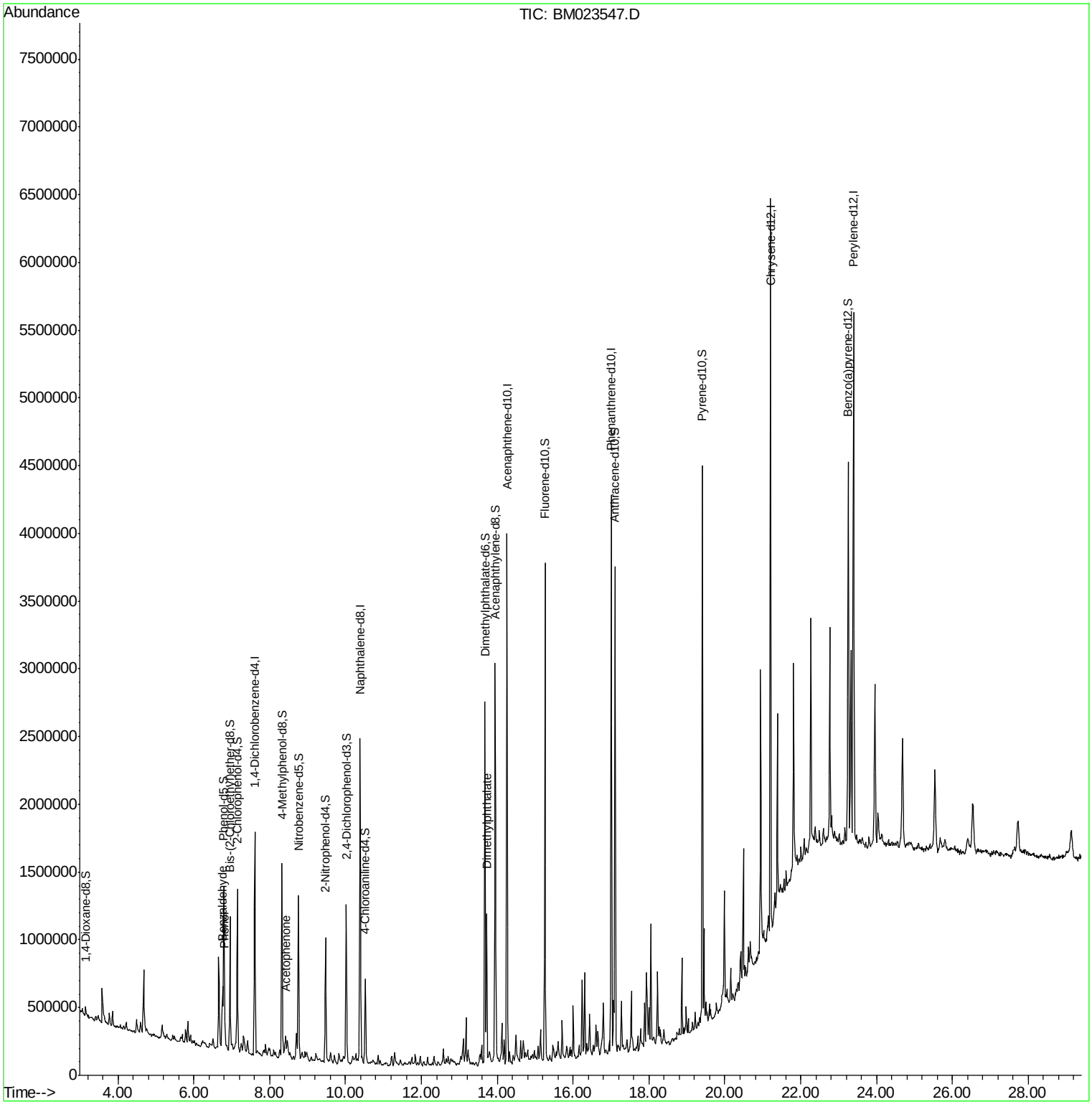
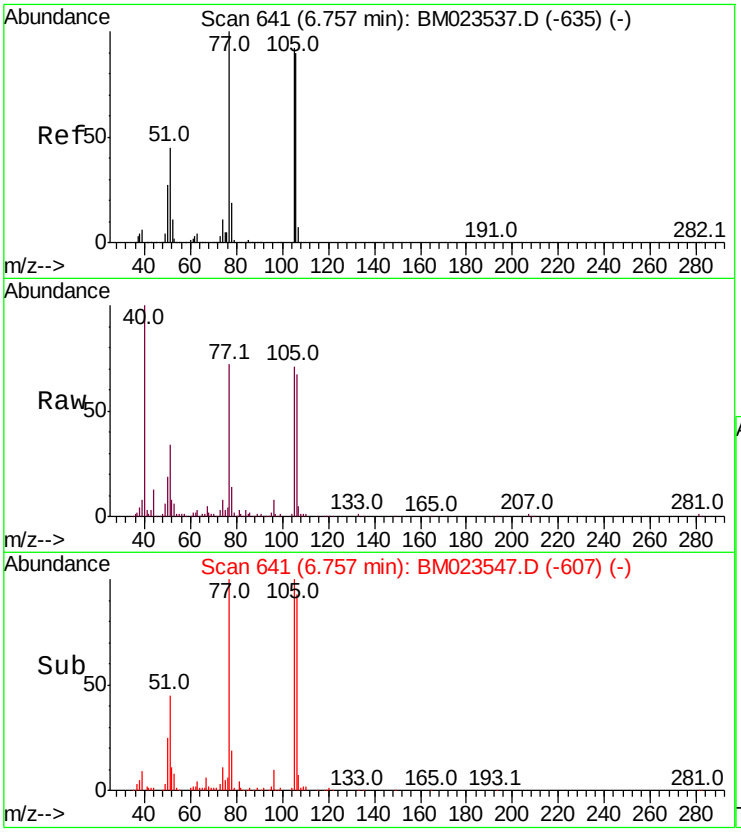


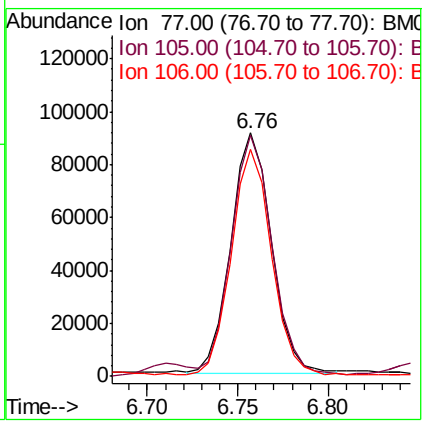


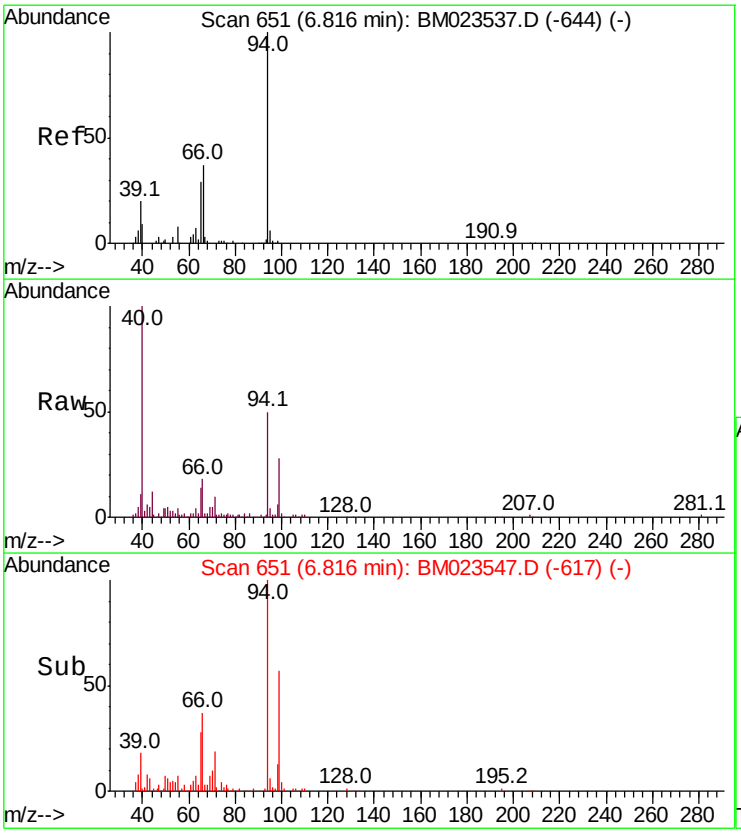

#4
Benzaldehyde
Concen: 6.383 ng/ul
RT: 6.76 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM023547.D
Acq: 01 Nov 2019 07:39

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

Tgt Ion: 77 Resp: 142052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.9 | 75.4 | 113.2 |
| 106 | 93.3 | 71.3 | 106.9 |

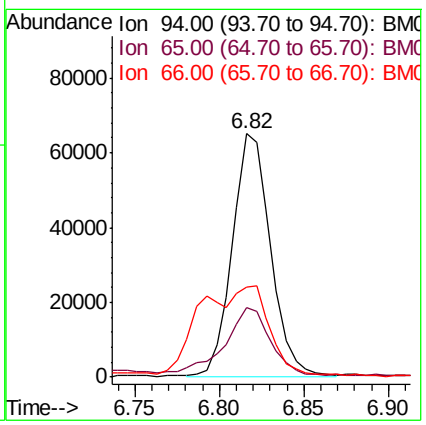


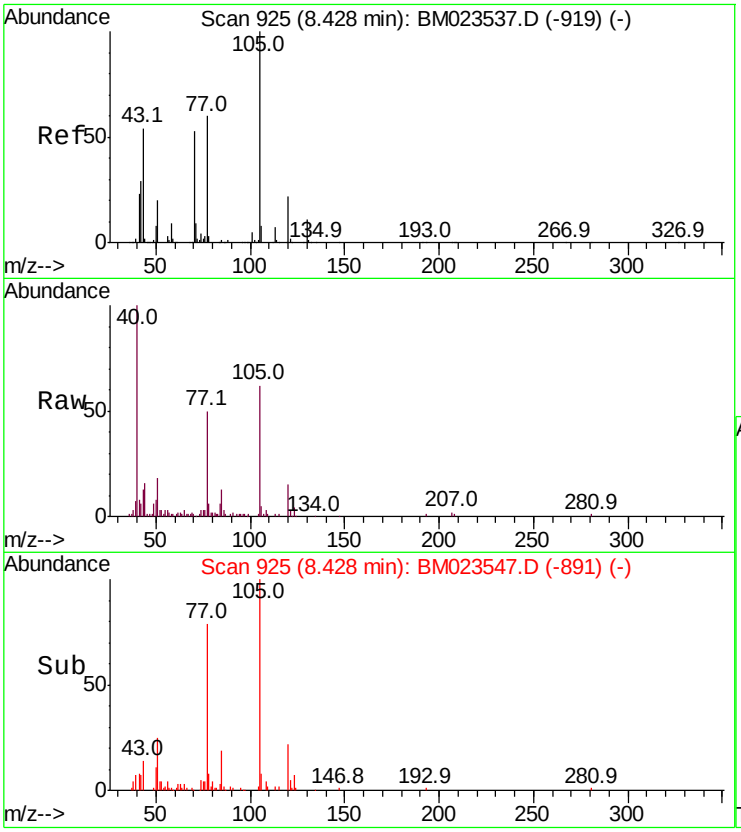




#6
Phenol
Concen: 2.566 ng/ul
RT: 6.82 min Scan# 651
Delta R.T. -0.00 min
Lab File: BM023547.D
Acq: 01 Nov 2019 07:39

Tgt Ion: 94 Resp: 102140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.5 | 22.9 | 34.3 |
| 66 | 37.1 | 31.4 | 47.2 |



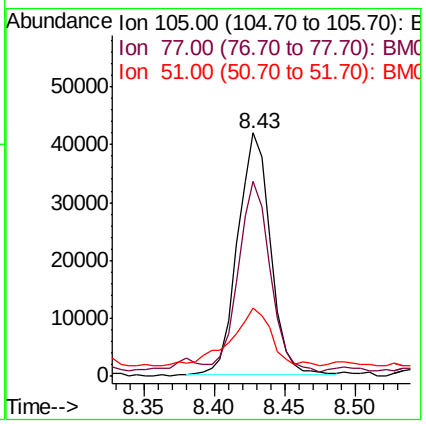


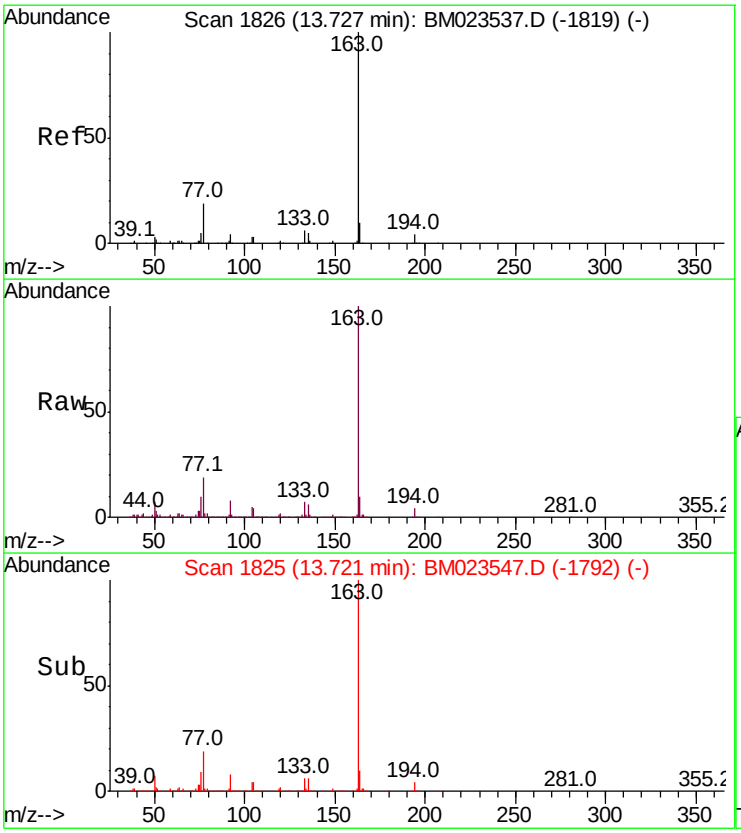

#14
Acetophenone
Concen: 1.366 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM023547.D
Acq: 01 Nov 2019 07:39

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

Tgt Ion:105 Resp: 66980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 80.2 | 64.8 | 97.2 |
| 51 | 28.1 | 21.3 | 31.9 |




#45
Dimethylphthalate
Concen: 7.828 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM023547.D
Acq: 01 Nov 2019 07:39

Tgt Ion:163 Resp: 686791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.3 | 4.9 |
| 164 | 10.1 | 7.9 | 11.9 |