Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031219\
Data File : BN004723.D
Acq On : 12 Mar 2019 15:52
Operator : JU/SJ
Sample : K1762-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0959DL

Quant Time: Mar 13 03:23:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 13 03:05:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 32707 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.50 | 136 | 142360 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.36 | 164 | 17181 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.11 | 188 | 154669 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.31 | 240 | 66371 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 0.00 | 264 | 0 | 0.00 | ng/ul | -23.57 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0 | 0.00 | ng/uL | |
| 5) Phenol-d5 | 7.06 | 99 | 7204 | 2.67 | ng/ul | 0.18 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.06 | 67 | 7055 | 5.00 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0 | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.44 | 113 | 237 | 0.10 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 8.88 | 128 | 5910 | 5.45 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.59 | 143 | 2209 | 1.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0 | 0.00 | ng/ul | |
| 29) 4-Chloroaniline-d4 | 10.65 | 131 | 462 | 0.16 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.77 | 166 | 41126 | 27.68 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.06 | 160 | 2782 | 1.56 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 0.00 | 143 | 0 | 0.00 | ng/ul | |
| 58) Fluorene-d10 | 15.35 | 176 | 229 | 0.18 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0 | 0.00 | ng/ul | |
| 71) Anthracene-d10 | 17.11 | 188 | 154669 | 20.53 | ng/ul | -0.10 |
| 79) Pyrene-d10 | 0.00 | 212 | 0 | 0.00 | ng/ul | |
| 90) Benzo(a)pyrene-d12 | 0.00 | 264 | 0 | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 1130 | 1.581 | ng/uL# | 66 |
| 8) Bis(2-Chloroethyl)ether | 7.13 | 93 | 30367 | 14.999 | ng/ul# | 49 |
| 14) Acetophenone | 8.54 | 105 | 5105 | 1.448 | ng/ul | 97 |
| 30) 4-Chloroaniline | 10.65 | 127 | 6827 | 2.384 | ng/ul# | 45 |
| 32) Caprolactam | 11.40 | 113 | 1670 | 2.132 | ng/ul# | 35 |
| 53) 4-Nitrophenol | 14.60 | 109 | 664 | 3.314 | ng/ul# | 1 |

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

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 13 03:05:10 2019
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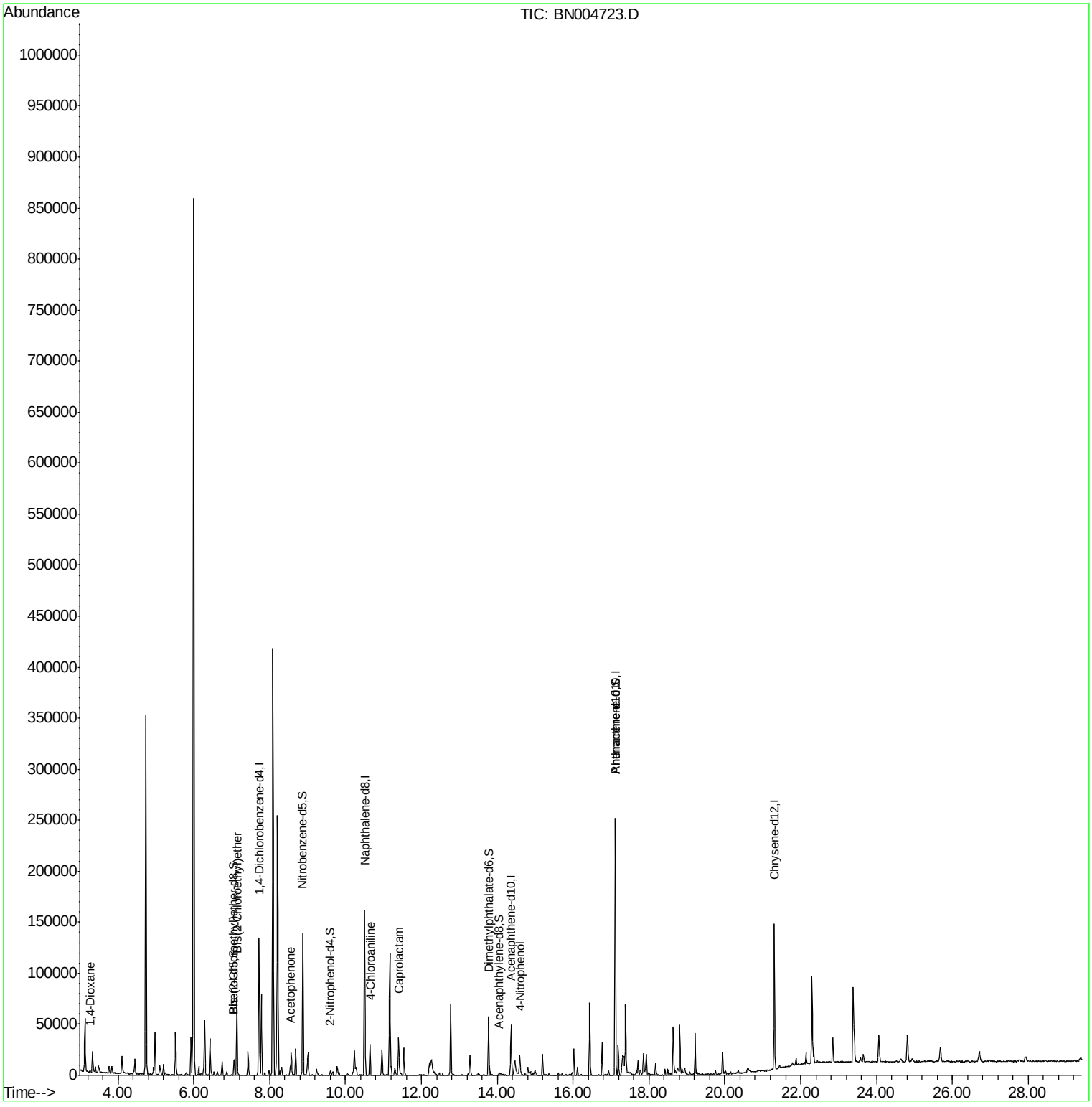
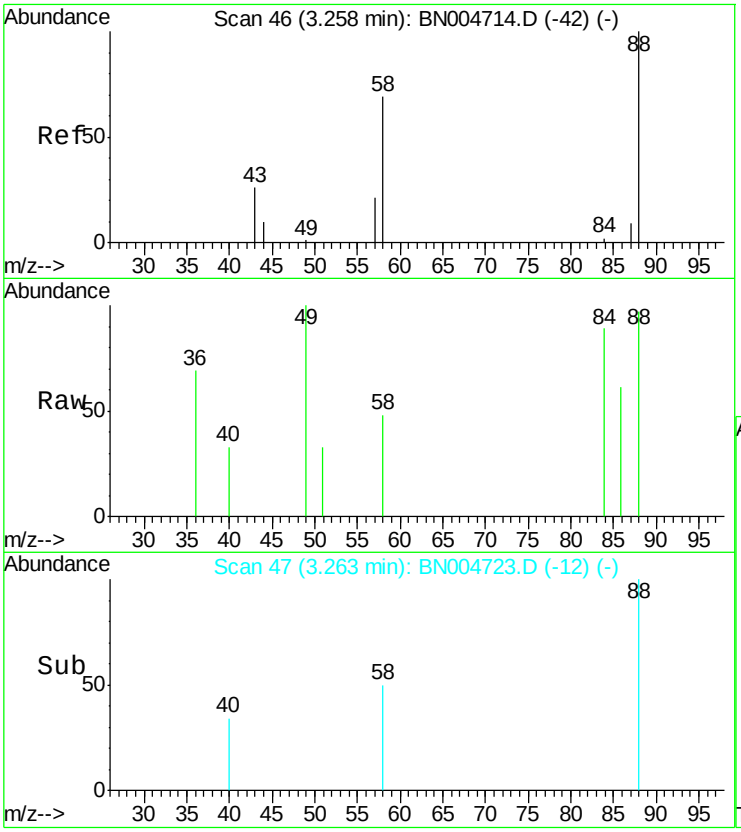


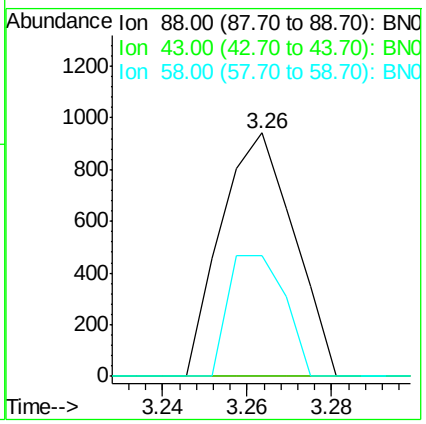


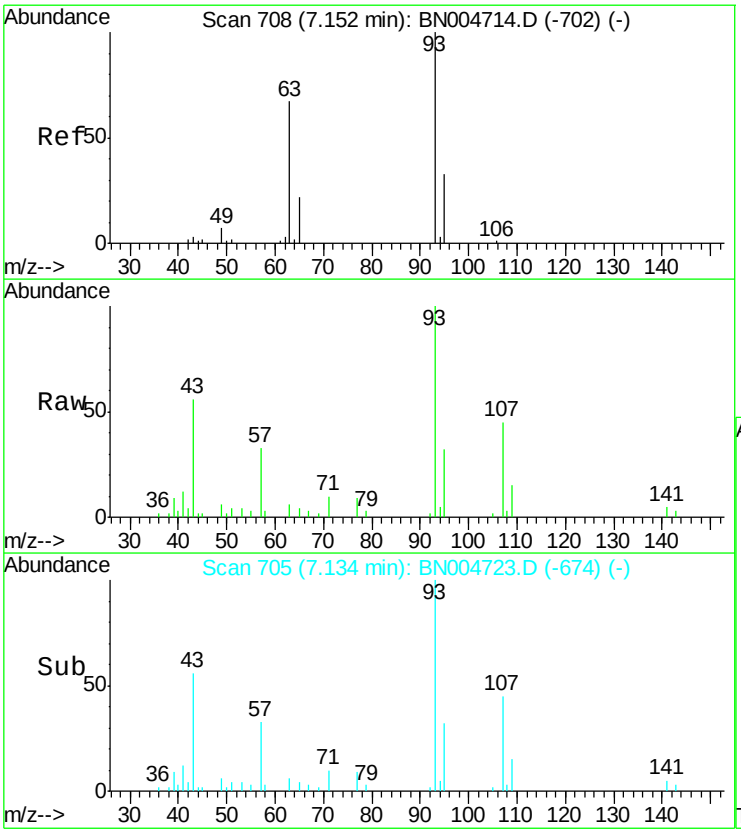

#2
1,4-Dioxane
Concen: 1.581 ng/uL
RT: 3.26 min Scan# 47
Delta R.T. 0.01 min
Lab File: BN004723.D
Acq: 12 Mar 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
C0959DL

Tgt Ion: 88 Resp: 1130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 0.0 | 25.6 | 38.4# |
| 58 | 49.7 | 54.6 | 82.0# |

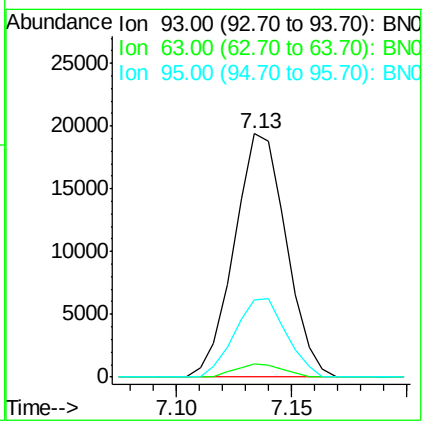


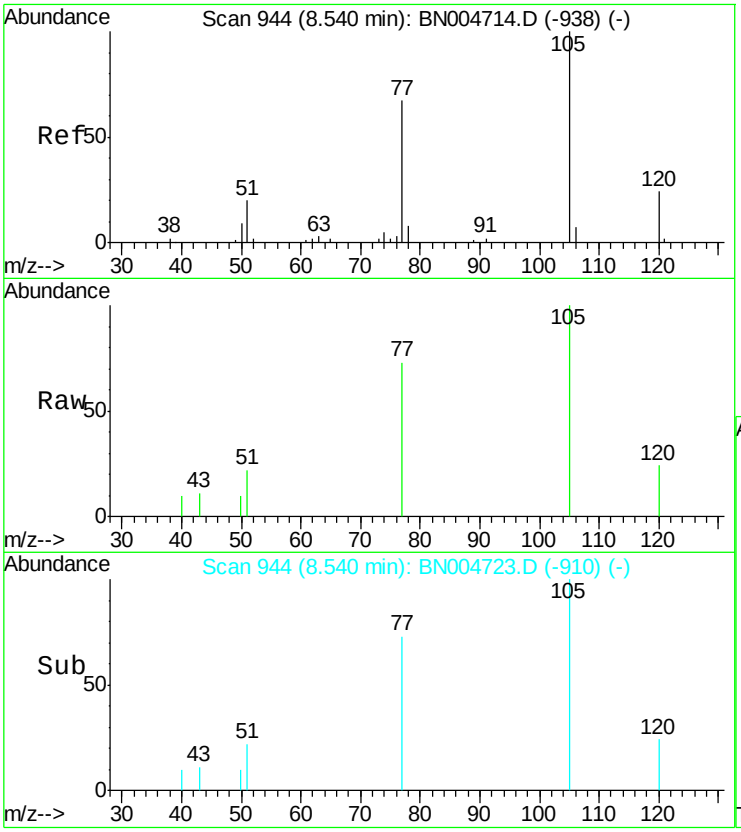




#8
Bis(2-Chloroethyl)ether
Concen: 14.999 ng/ul
RT: 7.13 min Scan# 705
Delta R.T. -0.02 min
Lab File: BN004723.D
Acq: 12 Mar 2019 15:52

Tgt Ion: 93 Resp: 30367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 5.5 | 52.8 | 79.2# |
| 95 | 31.6 | 25.9 | 38.9 |



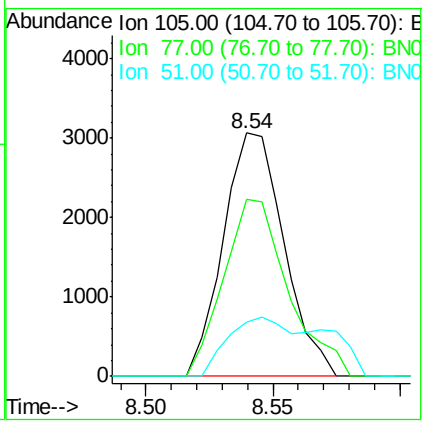


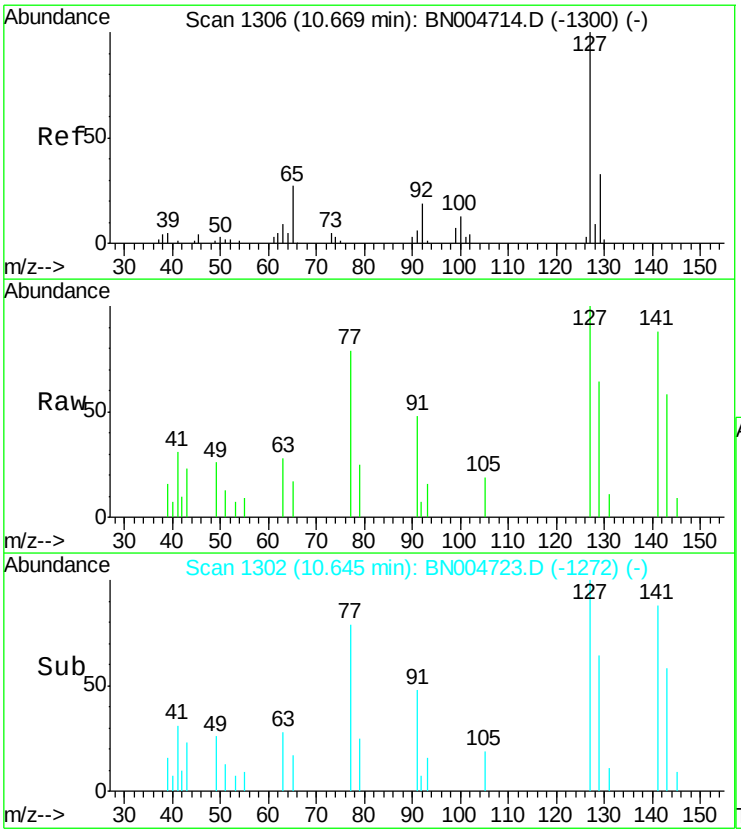

#14
Acetophenone
Concen: 1.448 ng/ul
RT: 8.54 min Scan# 944
Delta R.T. -0.00 min
Lab File: BN004723.D
Acq: 12 Mar 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
C0959DL

Tgt Ion:105 Resp: 5105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 73.0 | 56.1 | 84.1 |
| 51 | 22.3 | 17.2 | 25.8 |

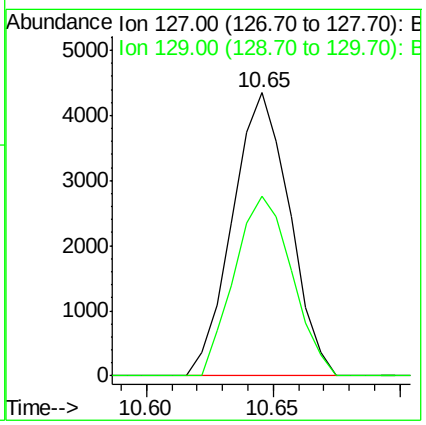


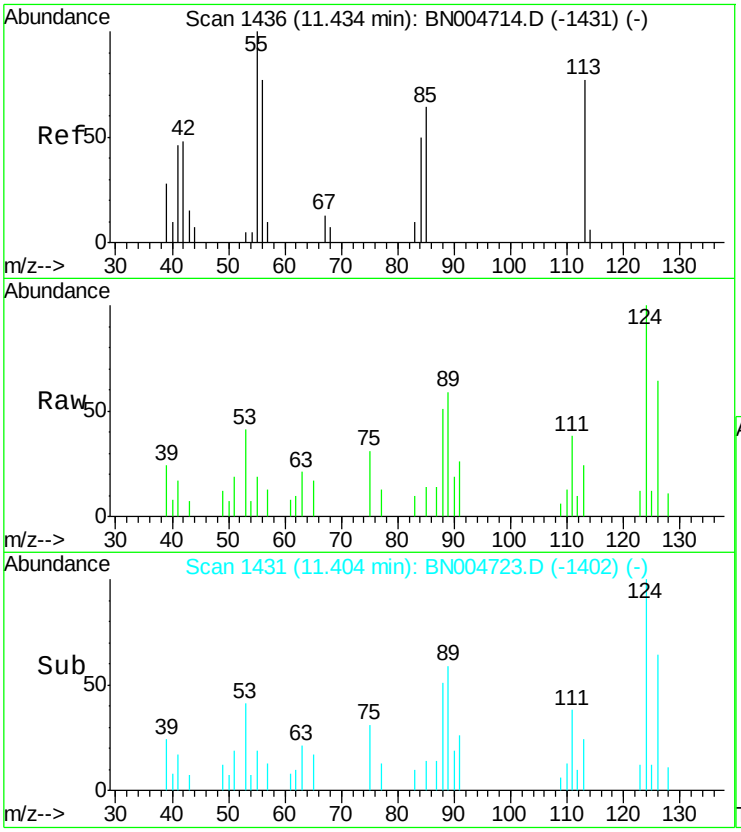




#30
4-Chloroaniline
Concen: 2.384 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BN004723.D
Acq: 12 Mar 2019 15:52

Tgt Ion:127 Resp: 6827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 63.6 | 26.1 | 39.1# |



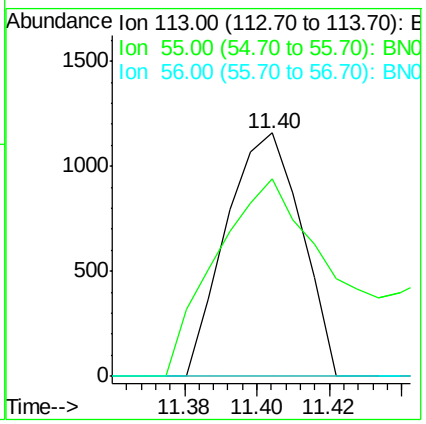


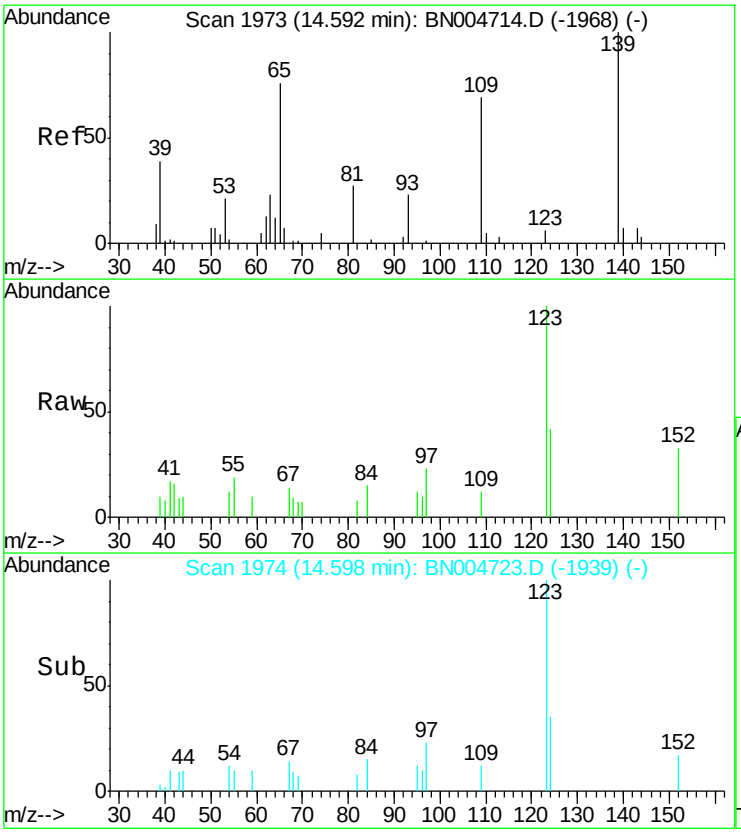

#32
Caprolactam
Concen: 2.132 ng/ul
RT: 11.40 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN004723.D
Acq: 12 Mar 2019 15:52

**Instrument :**
BNA_N
**ClientSampleId :**
C0959DL

Tgt Ion:113 Resp: 1670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 80.9 | 100.7 | 151.1# |
| 56 | 0.0 | 76.1 | 114.1# |




#53
4-Nitrophenol
Concen: 3.314 ng/ul
RT: 14.60 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BN004723.D
Acq: 12 Mar 2019 15:52

Tgt Ion:109 Resp: 664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 0.0 | 112.1 | 168.1# |
| 65 | 0.0 | 90.3 | 135.5# |