Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021498.D
Acq On : 17 Jul 2019 20:26
Operator : HP/JU
Sample : K3787-05DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 18 02:37:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 12 05:46:23 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 176956 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.51 | 136 | 687423 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.36 | 164 | 391068 | 20.00 | ng/ul | -0.01 |
| 61) Phenanthrene-d10 | 17.12 | 188 | 883510 | 20.00 | ng/ul | -0.01 |
| 77) Chrysene-d12 | 21.31 | 240 | 798458 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.56 | 264 | 907116 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 855 | 0.24 | ng/uL | 0.01 |
| 5) Phenol-d5 | 6.90 | 99 | 31723 | 2.31 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 54986 | 6.74 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 68790 | 5.81 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.43 | 113 | 43665 | 3.98 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.89 | 128 | 38137 | 6.74 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 9.60 | 143 | 39251 | 6.13 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.13 | 165 | 76502 | 5.99 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.66 | 131 | 19572 | 1.70 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.79 | 166 | 263746 | 7.70 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.06 | 160 | 291308 | 6.77 | ng/ul | -0.01 |
| 51) 4-Nitrophenol-d4 | 14.62 | 143 | 3813 | 0.70 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.36 | 176 | 228715 | 7.48 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.50 | 200 | 16648 | 2.80 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.22 | 188 | 342096 | 7.45 | ng/ul | -0.01 |
| 78) Pyrene-d10 | 19.52 | 212 | 371541 | 8.48 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.42 | 264 | 390914 | 7.49 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 11) 2-Methylphenol | 8.10 | 108 | 164571 | 16.399 | ng/ul | 99 |
| 20) Nitrobenzene | 8.93 | 77 | 457280 | 36.055 | ng/ul | 98 |
| 32) Caprolactam | 11.34 | 113 | 9586 | 3.145 | ng/ul# | 1 |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.54 | 216 | 140011 | 9.206 | ng/ul | 100 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.16 | 216 | 462535 | 31.936 | ng/uL | 100 |

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

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Quant Title : SVOA CALIBRATION
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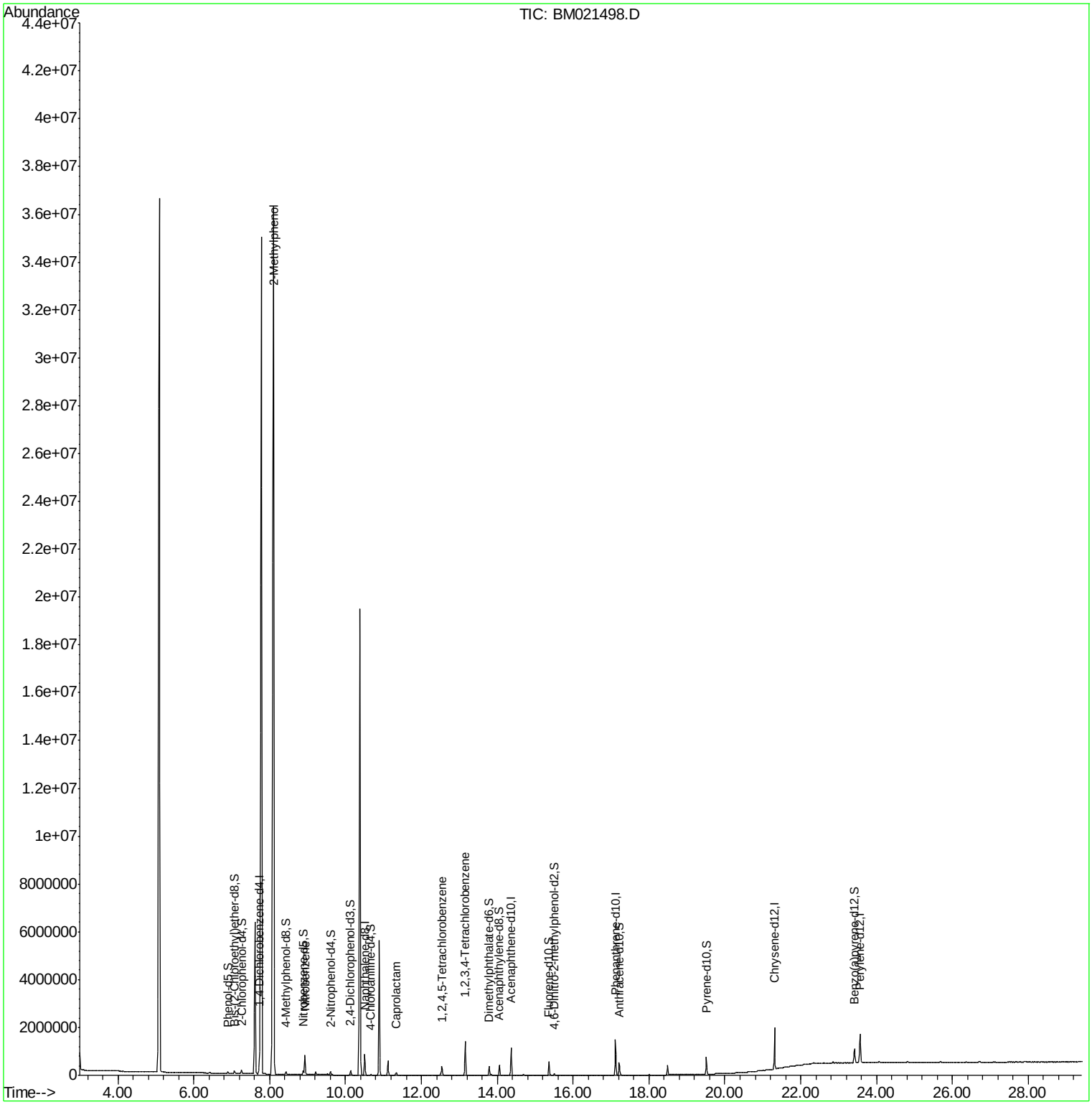
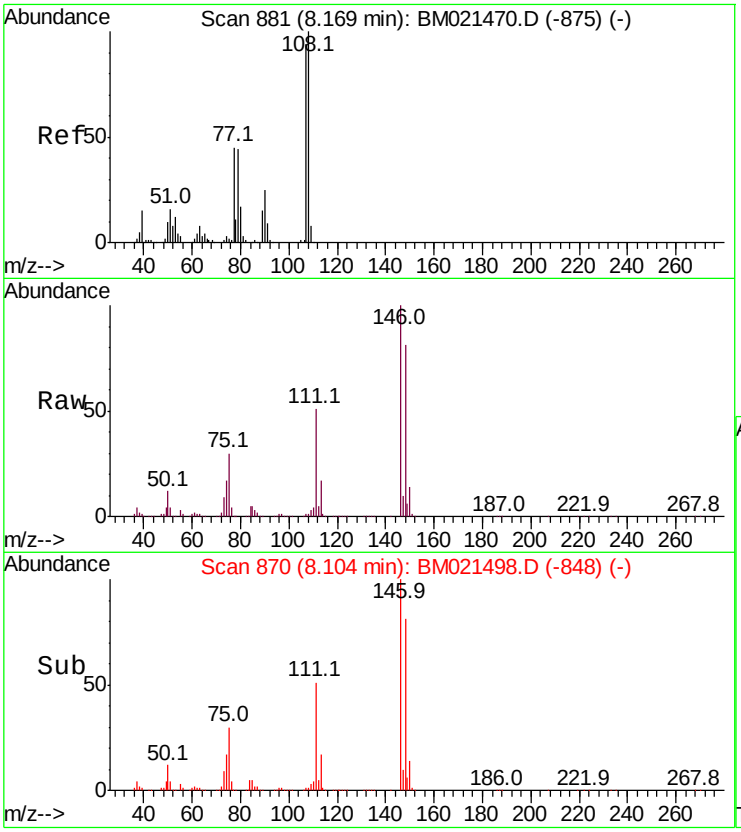


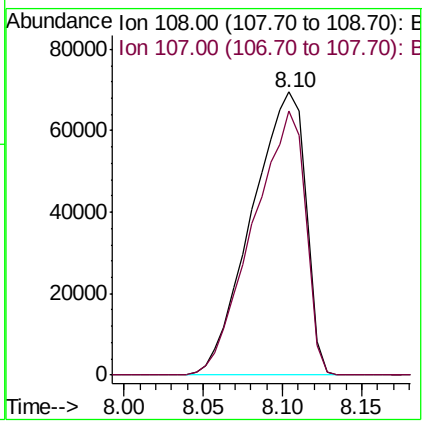


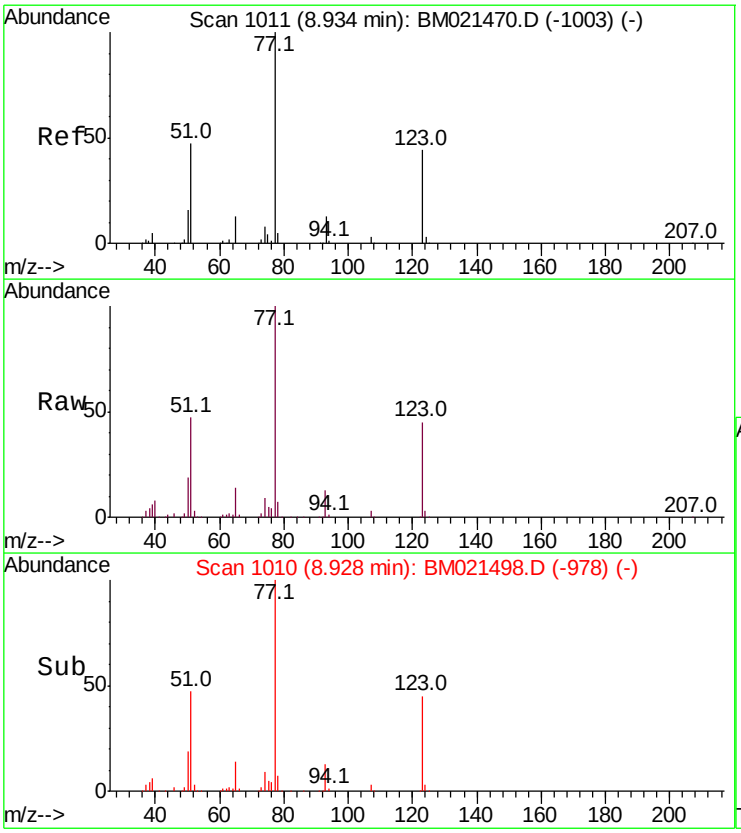

#11
2-Methylphenol
Concen: 16.399 ng/ul
RT: 8.10 min Scan# 870
Delta R.T. -0.07 min
Lab File: BM021498.D
Acq: 17 Jul 2019 20:26

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

Tgt Ion:108 Resp: 164571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 107 | 93.5 | 74.2 | 111.2 |

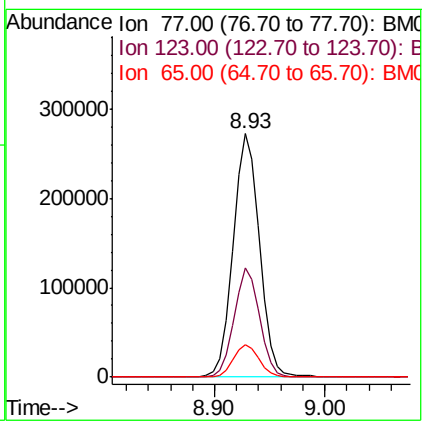


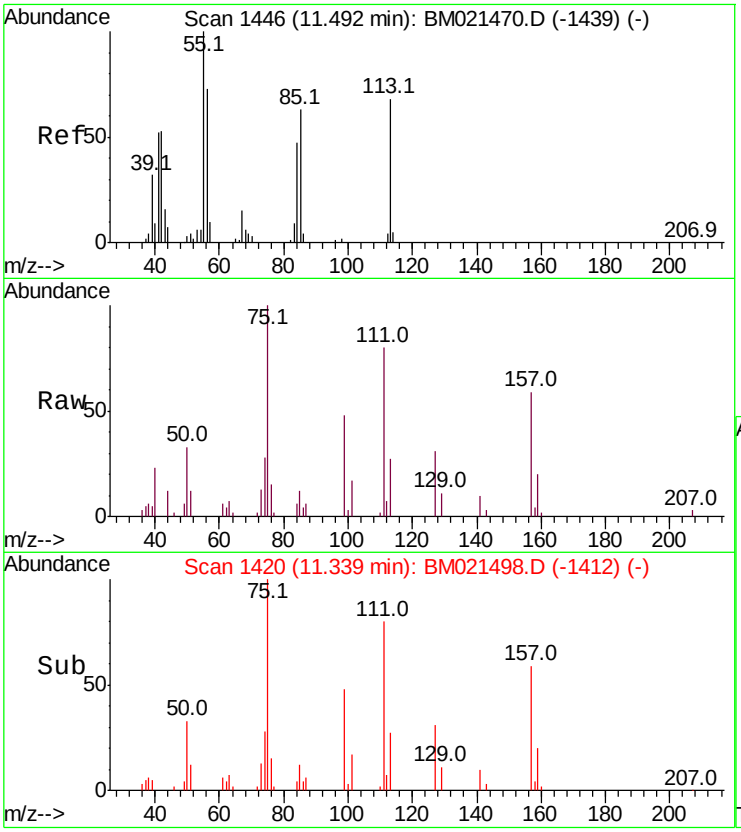




#20
Nitrobenzene
Concen: 36.055 ng/ul
RT: 8.93 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BM021498.D
Acq: 17 Jul 2019 20:26

Tgt Ion: 77 Resp: 457280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.7 | 34.3 | 51.5 |
| 65 | 13.5 | 10.5 | 15.7 |



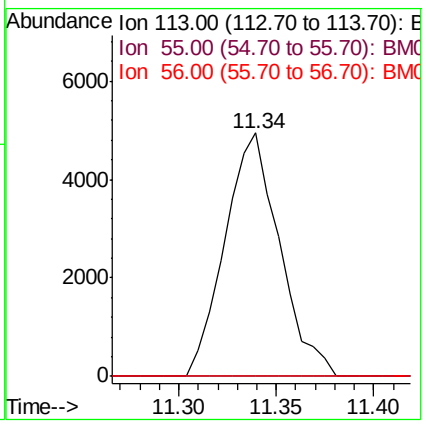


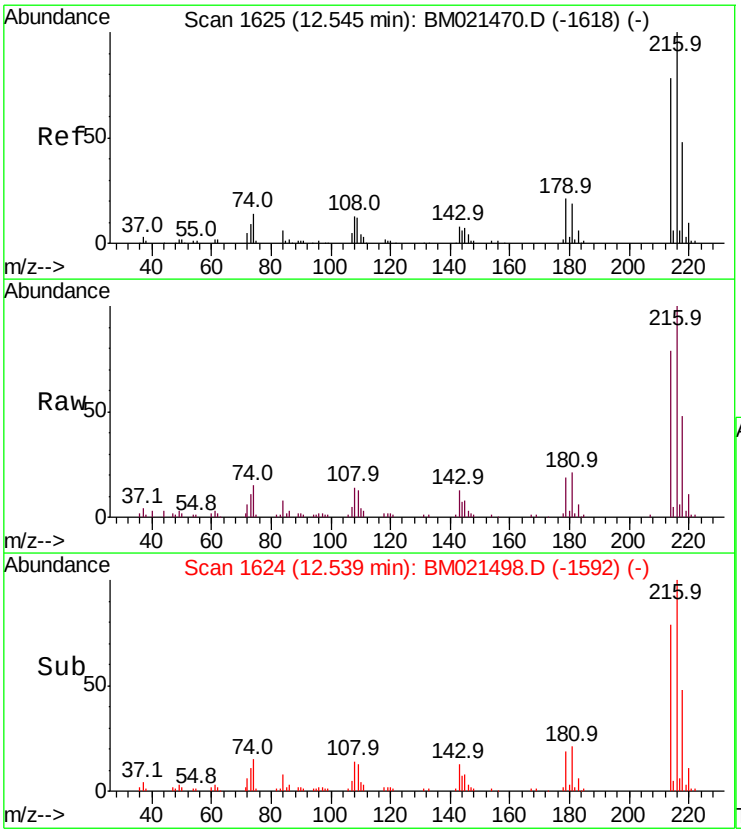

#32
Caprolactam
Concen: 3.145 ng/ul
RT: 11.34 min Scan# 1420
Delta R.T. -0.15 min
Lab File: BM021498.D
Acq: 17 Jul 2019 20:26

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

Tgt Ion:113 Resp: 9586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 0.0 | 121.0 | 181.4# |
| 56 | 0.0 | 92.8 | 139.2# |

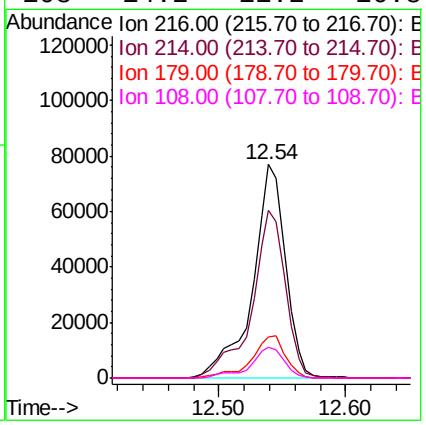


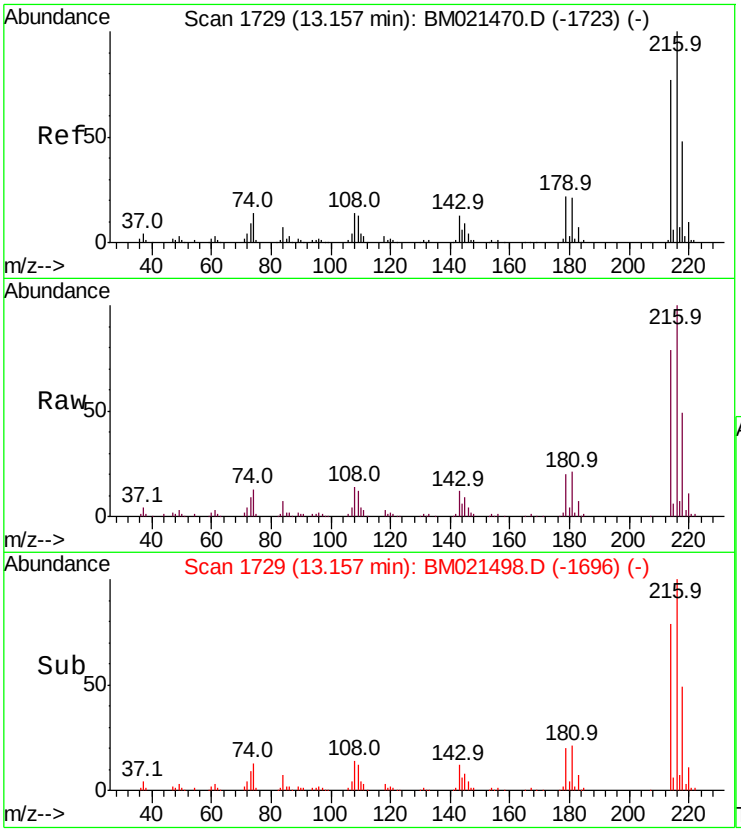




#36
1,2,4,5-Tetrachlorobenzene
Concen: 9.206 ng/ul
RT: 12.54 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BM021498.D
Acq: 17 Jul 2019 20:26

Tgt Ion:216 Resp: 140011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 62.9 | 94.3 |
| 179 | 19.4 | 16.2 | 24.2 |
| 108 | 14.2 | 11.2 | 16.8 |






#72
1,2,3,4-Tetrachlorobenzene
Concen: 31.936 ng/uL
RT: 13.16 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BM021498.D
Acq: 17 Jul 2019 20:26

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

Tgt Ion:216 Resp: 462535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 63.1 | 94.7 |
| 218 | 49.1 | 38.8 | 58.2 |