# LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012815\
Data File : BM000364.D
Acq On : 28 Jan 2015 22:19
Operator : TP/IZ
Sample : G1115-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AJ5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012815.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.728 | 3 | 7 | 27 | rVB | 3001624 | 4015861 | 5.41% | 2.810% |
| 2 | 2.881 | 28 | 33 | 42 | rVV | 534143 | 850106 | 1.14% | 0.595% |
| 3 | 2.958 | 42 | 46 | 56 | rVB | 373173 | 488321 | 0.66% | 0.342% |
| 4 | 3.187 | 80 | 85 | 111 | rBV | 51470721 | 74298482 | 100.00% | 51.983% |
| 5 | 4.052 | 227 | 232 | 240 | rVB3 | 77980 | 125829 | 0.17% | 0.088% |
| 6 | 4.481 | 298 | 305 | 321 | rBV | 20901722 | 28747541 | 38.69% | 20.113% |
| 7 | 5.193 | 421 | 426 | 433 | rVB | 244795 | 349563 | 0.47% | 0.245% |
| 8 | 6.904 | 709 | 717 | 725 | rBV | 103451 | 171684 | 0.23% | 0.120% |
| 9 | 7.075 | 740 | 746 | 755 | rVB | 327417 | 504413 | 0.68% | 0.353% |
| 10 | 7.275 | 773 | 780 | 791 | rBV | 380672 | 607959 | 0.82% | 0.425% |
| 11 | 7.740 | 853 | 859 | 866 | rBV | 707702 | 1146457 | 1.54% | 0.802% |
| 12 | 8.445 | 973 | 979 | 987 | rBV | 286848 | 457224 | 0.62% | 0.320% |
| 13 | 8.898 | 1050 | 1056 | 1063 | rBV | 478492 | 765751 | 1.03% | 0.536% |
| 14 | 9.616 | 1171 | 1178 | 1187 | rBV | 351284 | 587016 | 0.79% | 0.411% |
| 15 | 10.151 | 1262 | 1269 | 1277 | rBV2 | 570803 | 932392 | 1.25% | 0.652% |
| 16 | 10.534 | 1326 | 1334 | 1341 | rBV | 911227 | 1508286 | 2.03% | 1.055% |
| 17 | 13.798 | 1882 | 1889 | 1897 | rBV | 1431959 | 1932617 | 2.60% | 1.352% |
| 18 | 14.080 | 1930 | 1937 | 1944 | rBV | 1372384 | 1950701 | 2.63% | 1.365% |
| 19 | 14.386 | 1983 | 1989 | 1997 | rVB2 | 1282812 | 1986875 | 2.67% | 1.390% |
| 20 | 14.580 | 2015 | 2022 | 2031 | rBV2 | 82047 | 137992 | 0.19% | 0.097% |
| 21 | 15.380 | 2152 | 2158 | 2165 | rBV | 1854481 | 2630936 | 3.54% | 1.841% |
| 22 | 15.498 | 2172 | 2178 | 2189 | rBV | 513295 | 685374 | 0.92% | 0.480% |
| 23 | 17.133 | 2449 | 2456 | 2464 | rBV | 1814021 | 2510121 | 3.38% | 1.756% |
| 24 | 17.233 | 2466 | 2473 | 2483 | rBV | 2114164 | 3075048 | 4.14% | 2.151% |
| 25 | 19.527 | 2857 | 2863 | 2873 | rBV | 2691468 | 3591301 | 4.83% | 2.513% |
| 26 | 21.321 | 3162 | 3168 | 3181 | rBV | 2350280 | 2978177 | 4.01% | 2.084% |
| 27 | 23.427 | 3518 | 3526 | 3535 | rBV2 | 1775106 | 3261430 | 4.39% | 2.282% |
| 28 | 23.568 | 3543 | 3550 | 3562 | rBV | 1349564 | 2630801 | 3.54% | 1.841% |

Sum of corrected areas: 142928258

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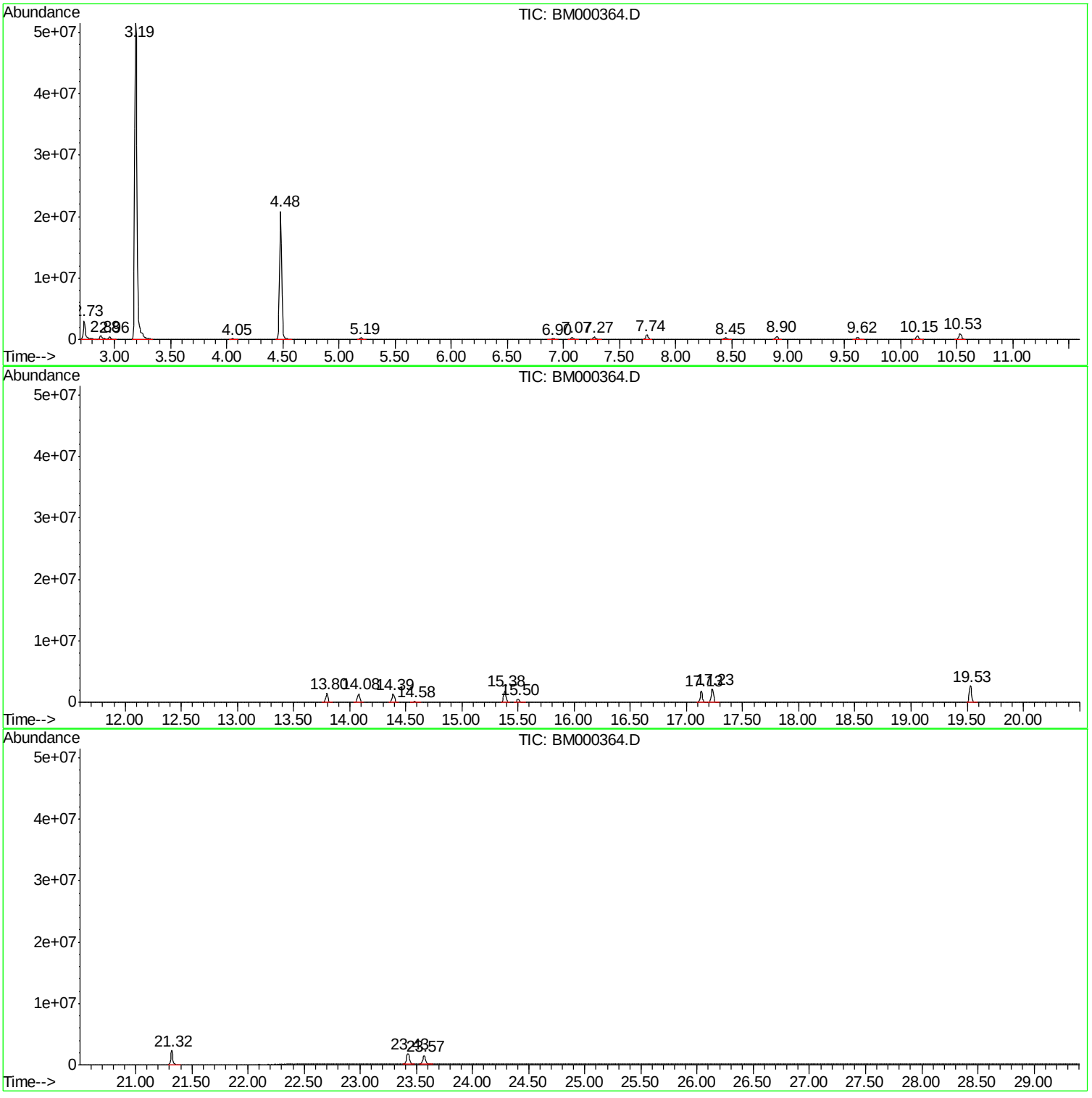
BNA_M
**ClientSampleId :**
C0AJ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012815.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

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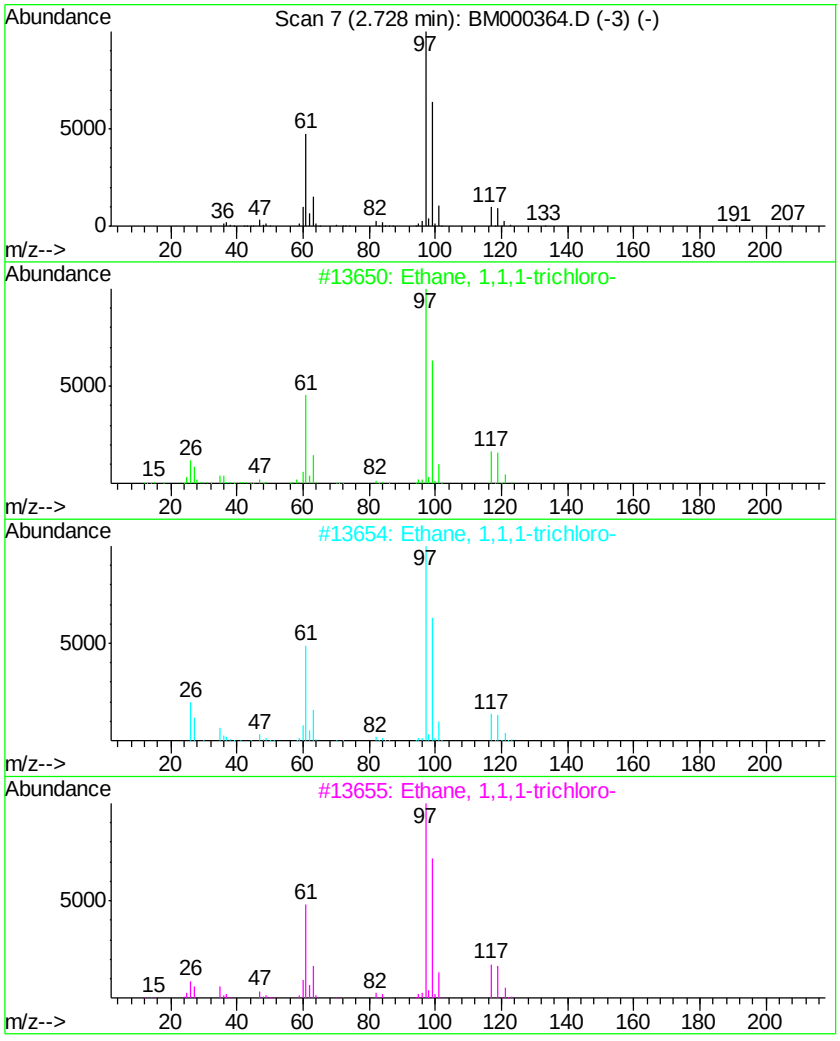
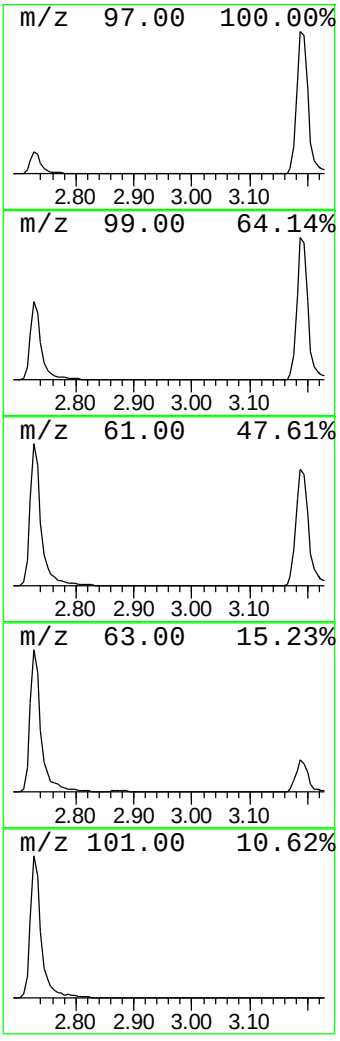
**********

Peak Number 1 Ethane, 1,1,1-trichloro- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.73 | 70.06 ng/ul | 4015860 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethane, 1,1,1-trichloro- | 132 | C2H3Cl3 | 000071-55-6 | 90 |
| 2 | Ethane, 1,1,1-trichloro- | 132 | C2H3Cl3 | 000071-55-6 | 90 |
| 3 | Ethane, 1,1,1-trichloro- | 132 | C2H3Cl3 | 000071-55-6 | 83 |
| 4 | Ethane, 1,1-dichloro-1-nitro- | 143 | C2H3Cl2NO2 | 000594-72-9 | 72 |
| 5 | Ethane, 1,1-dichloro-1-nitro- | 143 | C2H3Cl2NO2 | 000594-72-9 | 50 |



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**Instrument :** BNA_M
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Quant Title : SVOA CALIBRATION

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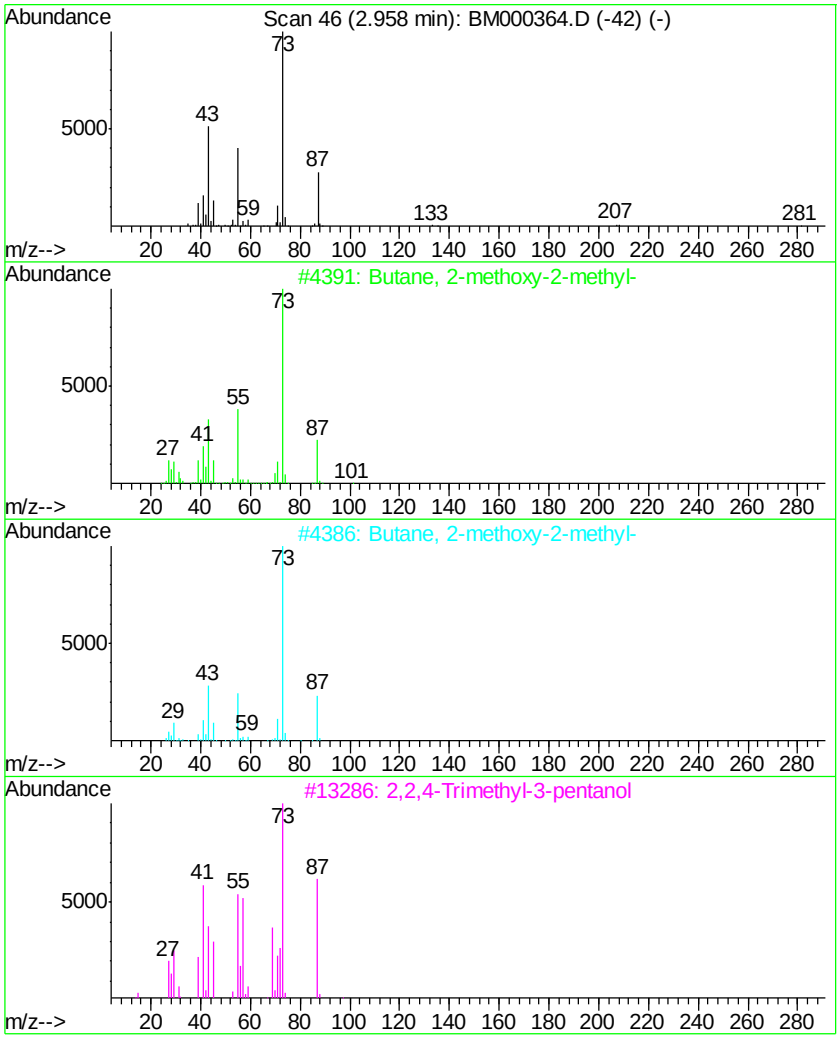
TIC Integration Parameters: LSCINT.P

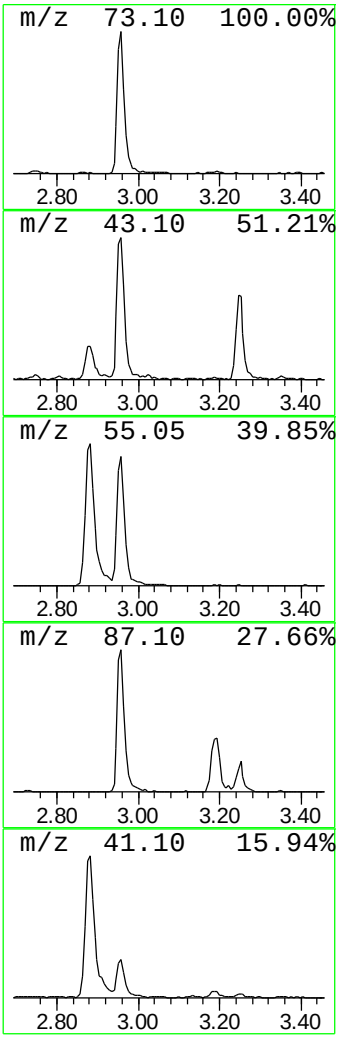
**********

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.96 | 8.52 ng/ul | 488321 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 72 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 72 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | Butanoic acid, 2-hydroxy-2-methy... | 132 | C6H12O3 | 032793-34-3 | 35 |
| 5 | Myo-Inositol, 2-C-methyl- | 194 | C7H14O6 | 000472-96-8 | 28 |



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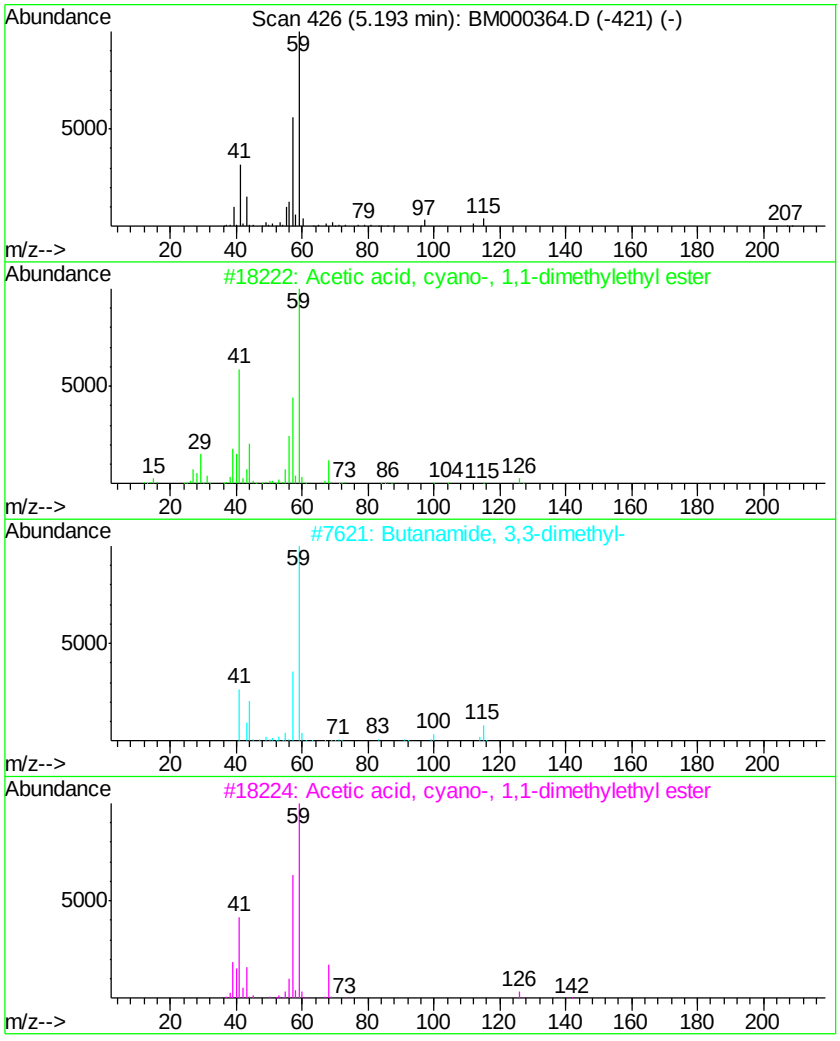
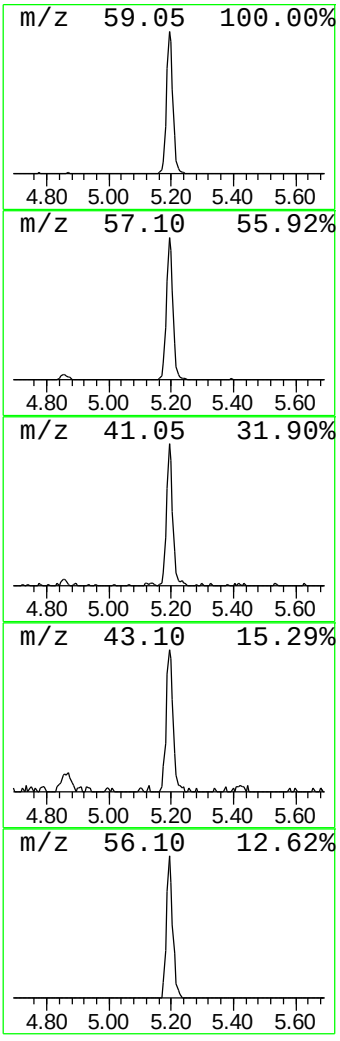
**********

Peak Number 7 Acetic acid, cyano-, 1,1-di... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.19 | 6.10 ng/ul | 349563 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 64 |
| 2 | Butanamide, 3,3-dimethyl- | 115 | C6H13NO | 000926-04-5 | 59 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 56 |
| 4 | Ether, hexyl t-butyl | 158 | C10H22O | 069775-79-7 | 56 |
| 5 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 50 |



# Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Ethane, 1,1,1-tri... | 2.73 | 70.1 | ng/ul | 4015860 | 1 | 7.75 | 1146460 | 20.0 |
| Butane, 2-methoxy... | 2.96 | 8.5 | ng/ul | 488321 | 1 | 7.75 | 1146460 | 20.0 |
| Acetic acid, cyan... | 5.19 | 6.1 | ng/ul | 349563 | 1 | 7.75 | 1146460 | 20.0 |