

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\  
 Data File : BM000319.D  
 Acq On : 24 Jan 2015 06:12  
 Operator : TP/IZ  
 Sample : G1115-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AM7

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 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-BM012315.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      | 2.975    | 45         | 49       | 58        | rBV   | 464838      | 783445     | 5.02%        | 1.381%     |
| 2      | 3.046    | 58         | 61       | 69        | rVB   | 288984      | 391286     | 2.51%        | 0.690%     |
| 3      | 4.557    | 312        | 318      | 334       | rVB   | 9630366     | 15601570   | 100.00%      | 27.507%    |
| 4      | 6.975    | 725        | 729      | 734       | rVB   | 142488      | 215160     | 1.38%        | 0.379%     |
| 5      | 7.145    | 753        | 758      | 768       | rVB   | 421195      | 665547     | 4.27%        | 1.173%     |
| 6      | 7.345    | 786        | 792      | 799       | rVB   | 449004      | 717528     | 4.60%        | 1.265%     |
| 7      | 7.816    | 866        | 872      | 878       | rBV   | 541850      | 881055     | 5.65%        | 1.553%     |
| 8      | 8.510    | 984        | 990      | 998       | rVB2  | 379632      | 611338     | 3.92%        | 1.078%     |
| 9      | 8.969    | 1062       | 1068     | 1077      | rVB   | 684613      | 1119169    | 7.17%        | 1.973%     |
| 10     | 9.128    | 1092       | 1095     | 1102      | rVB6  | 31109       | 52971      | 0.34%        | 0.093%     |
| 11     | 9.687    | 1184       | 1190     | 1199      | rBV   | 446915      | 760461     | 4.87%        | 1.341%     |
| 12     | 10.222   | 1274       | 1281     | 1288      | rBV   | 641052      | 1080283    | 6.92%        | 1.905%     |
| 13     | 10.604   | 1339       | 1346     | 1355      | rVB   | 732329      | 1242422    | 7.96%        | 2.191%     |
| 14     | 12.186   | 1612       | 1615     | 1619      | rBV4  | 12374       | 15727      | 0.10%        | 0.028%     |
| 15     | 13.857   | 1893       | 1899     | 1908      | rBV   | 1689373     | 2246559    | 14.40%       | 3.961%     |
| 16     | 14.145   | 1941       | 1948     | 1954      | rBV   | 1499359     | 2264285    | 14.51%       | 3.992%     |
| 17     | 14.451   | 1993       | 2000     | 2007      | rVB   | 1197557     | 1732852    | 11.11%       | 3.055%     |
| 18     | 14.639   | 2026       | 2032     | 2041      | rBV2  | 138197      | 213973     | 1.37%        | 0.377%     |
| 19     | 15.439   | 2162       | 2168     | 2176      | rVB   | 2064104     | 3055557    | 19.58%       | 5.387%     |
| 20     | 15.557   | 2181       | 2188     | 2195      | rBV   | 701510      | 926810     | 5.94%        | 1.634%     |
| 21     | 15.680   | 2205       | 2209     | 2216      | rVB4  | 28127       | 39284      | 0.25%        | 0.069%     |
| 22     | 16.986   | 2427       | 2431     | 2437      | rVB7  | 8187        | 16875      | 0.11%        | 0.030%     |
| 23     | 17.192   | 2458       | 2466     | 2474      | rBV   | 1675883     | 2365644    | 15.16%       | 4.171%     |
| 24     | 17.292   | 2476       | 2483     | 2492      | rVV2  | 2545913     | 3578198    | 22.93%       | 6.309%     |
| 25     | 17.374   | 2494       | 2497     | 2500      | rBV6  | 11779       | 16554      | 0.11%        | 0.029%     |
| 26     | 18.080   | 2612       | 2617     | 2623      | rBV7  | 33861       | 49181      | 0.32%        | 0.087%     |
| 27     | 19.221   | 2807       | 2811     | 2816      | rBV2  | 25146       | 29619      | 0.19%        | 0.052%     |
| 28     | 19.362   | 2832       | 2835     | 2838      | rBV3  | 30423       | 40479      | 0.26%        | 0.071%     |
| 29     | 19.474   | 2851       | 2854     | 2858      | rVB   | 19225       | 23421      | 0.15%        | 0.041%     |
| 30     | 19.592   | 2868       | 2874     | 2880      | rBV   | 3108282     | 4335582    | 27.79%       | 7.644%     |
| 31     | 21.180   | 3141       | 3144     | 3150      | rVB7  | 24791       | 30875      | 0.20%        | 0.054%     |
| 32     | 21.380   | 3173       | 3178     | 3184      | rBV   | 2641165     | 3268755    | 20.95%       | 5.763%     |
| 33     | 22.433   | 3355       | 3357     | 3361      | rVB3  | 35476       | 37755      | 0.24%        | 0.067%     |
| 34     | 22.950   | 3442       | 3445     | 3451      | rVB4  | 45269       | 66340      | 0.43%        | 0.117%     |

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Peak Location: TOP

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Peak separation: 5

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|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 23.521 | 3534 | 3542 | 3553 | rBV2 | 2504562 | 4724595 | 30.28% | 8.330% |
| 36 | 23.668 | 3559 | 3567 | 3577 | rVB2 | 1725843 | 3285665 | 21.06% | 5.793% |
| 37 | 24.186 | 3651 | 3655 | 3662 | rVB6 | 66627   | 111513  | 0.71%  | 0.197% |
| 38 | 24.950 | 3781 | 3785 | 3792 | rVB6 | 59501   | 120017  | 0.77%  | 0.212% |

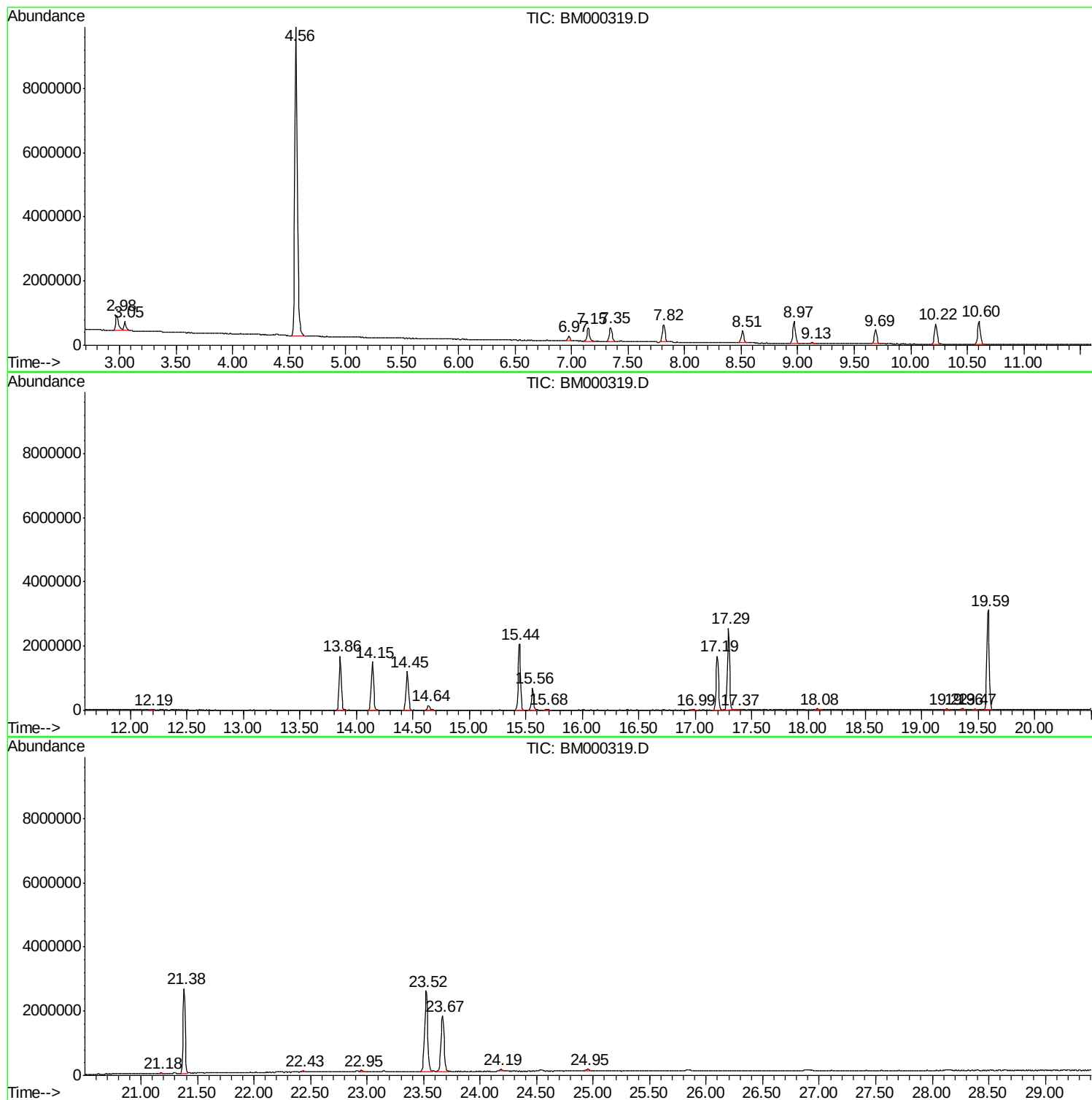
Sum of corrected areas: 56718350

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M  
Quant Title : SVOA CALIBRATION

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



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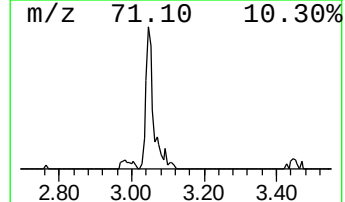
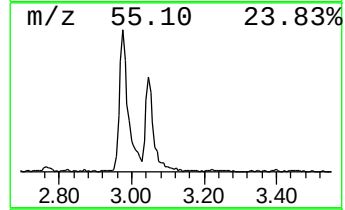
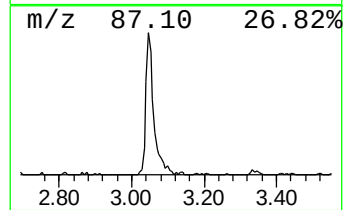
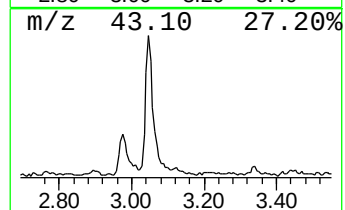
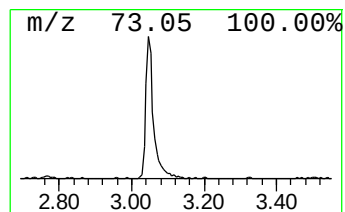
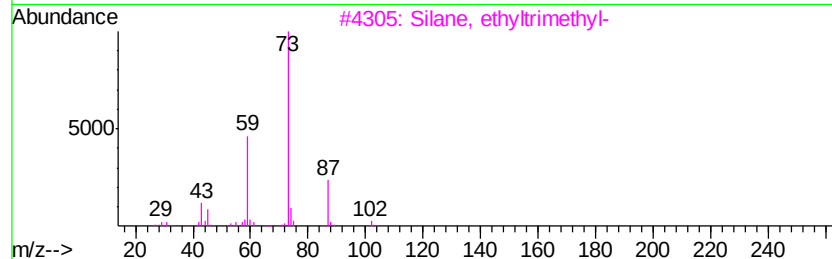
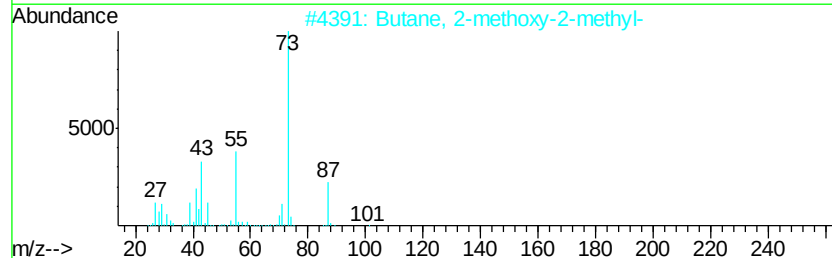
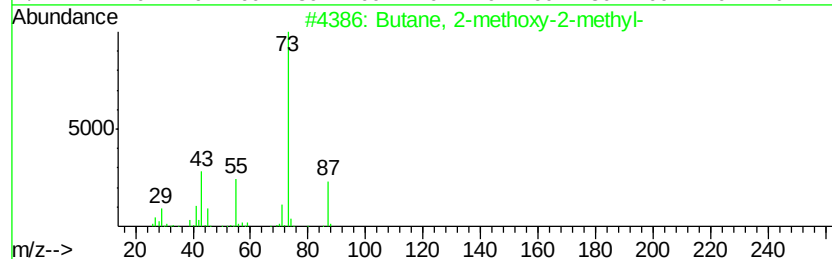
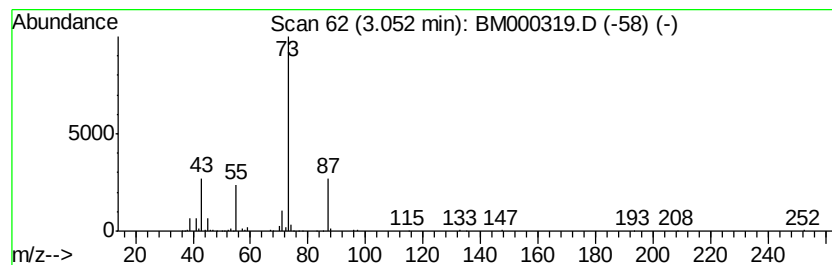
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.    | EstConc                     | Area         | Relative to ISTD       | R.T.      |
|---------|-----------------------------|--------------|------------------------|-----------|
| 3.05    | 8.88 ng/ul                  | 391286       | 1,4-Dichlorobenzene-d4 | 7.82      |
| Hit# of | 5                           | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Butane, 2-methoxy-2-methyl- | 102 C6H14O   | 000994-05-8            | 90        |
| 2       | Butane, 2-methoxy-2-methyl- | 102 C6H14O   | 000994-05-8            | 78        |
| 3       | Silane, ethyltrimethyl-     | 102 C5H14Si  | 003439-38-1            | 36        |
| 4       | Pentane, 3-methoxy-         | 102 C6H14O   | 036839-67-5            | 17        |
| 5       | N-Ethylformamide            | 73 C3H7NO    | 000627-45-2            | 9         |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.05 | 8.9     | ng/ul | 391286   | 1                     | 7.82 | 881055 | 20.0 |