

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM022316\  
 Data File : BM004348.D  
 Acq On : 23 Feb 2016 14:07  
 Operator : SJ/UM  
 Sample : H1515-11  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 0311-S17-0003

## 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\SOM02.2-EPA-BM022216.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      | 2.740    | 4          | 9        | 19        | rBV   | 88761       | 175684     | 23.58%       | 2.449%     |
| 2      | 2.822    | 19         | 23       | 34        | rVB   | 85649       | 113143     | 15.19%       | 1.577%     |
| 3      | 3.087    | 65         | 68       | 76        | rVB   | 4332        | 5157       | 0.69%        | 0.072%     |
| 4      | 4.734    | 345        | 348      | 351       | rBB   | 947         | 1171       | 0.16%        | 0.016%     |
| 5      | 6.810    | 696        | 701      | 717       | rBB   | 74246       | 125041     | 16.79%       | 1.743%     |
| 6      | 6.963    | 721        | 727      | 737       | rBB   | 69671       | 109103     | 14.65%       | 1.521%     |
| 7      | 7.157    | 755        | 760      | 769       | rBV   | 91271       | 141560     | 19.00%       | 1.974%     |
| 8      | 7.622    | 834        | 839      | 847       | rBB   | 86595       | 132582     | 17.80%       | 1.848%     |
| 9      | 8.345    | 957        | 962      | 977       | rBB   | 106940      | 169743     | 22.79%       | 2.367%     |
| 10     | 8.457    | 978        | 981      | 984       | rBB   | 1555        | 2165       | 0.29%        | 0.030%     |
| 11     | 8.781    | 1031       | 1036     | 1047      | rBB   | 80946       | 132978     | 17.85%       | 1.854%     |
| 12     | 9.186    | 1102       | 1105     | 1108      | rBB   | 917         | 1032       | 0.14%        | 0.014%     |
| 13     | 9.504    | 1154       | 1159     | 1167      | rBB   | 70234       | 110983     | 14.90%       | 1.547%     |
| 14     | 10.045   | 1246       | 1251     | 1269      | rBB   | 102604      | 178481     | 23.96%       | 2.488%     |
| 15     | 10.410   | 1306       | 1313     | 1322      | rBB   | 136462      | 220390     | 29.59%       | 3.073%     |
| 16     | 10.557   | 1332       | 1338     | 1354      | rBV   | 104967      | 185208     | 24.86%       | 2.582%     |
| 17     | 12.022   | 1584       | 1587     | 1590      | rBB   | 928         | 1110       | 0.15%        | 0.015%     |
| 18     | 13.098   | 1768       | 1770     | 1772      | rBB   | 1345        | 1177       | 0.16%        | 0.016%     |
| 19     | 13.174   | 1781       | 1783     | 1785      | rBB   | 798         | 768        | 0.10%        | 0.011%     |
| 20     | 13.698   | 1866       | 1872     | 1876      | rBV   | 259250      | 347400     | 46.64%       | 4.843%     |
| 21     | 13.745   | 1876       | 1880     | 1887      | rVB   | 62520       | 86269      | 11.58%       | 1.203%     |
| 22     | 13.974   | 1913       | 1919     | 1934      | rBV   | 285824      | 416268     | 55.88%       | 5.804%     |
| 23     | 14.180   | 1951       | 1954     | 1958      | rBB   | 8225        | 9273       | 1.24%        | 0.129%     |
| 24     | 14.286   | 1966       | 1972     | 1979      | rBB2  | 223058      | 332340     | 44.61%       | 4.633%     |
| 25     | 14.533   | 2010       | 2014     | 2028      | rBV   | 34053       | 74230      | 9.96%        | 1.035%     |
| 26     | 14.627   | 2028       | 2030     | 2036      | rVB2  | 2552        | 3567       | 0.48%        | 0.050%     |
| 27     | 14.798   | 2057       | 2059     | 2061      | rBB2  | 1565        | 1107       | 0.15%        | 0.015%     |
| 28     | 15.139   | 2111       | 2117     | 2120      | rBB2  | 11918       | 14357      | 1.93%        | 0.200%     |
| 29     | 15.280   | 2136       | 2141     | 2151      | rBB   | 378218      | 552878     | 74.22%       | 7.708%     |
| 30     | 15.427   | 2162       | 2166     | 2176      | rBB   | 74220       | 99653      | 13.38%       | 1.389%     |
| 31     | 15.527   | 2179       | 2183     | 2185      | rBV   | 3897        | 5644       | 0.76%        | 0.079%     |
| 32     | 15.998   | 2260       | 2263     | 2271      | rBV   | 12881       | 18320      | 2.46%        | 0.255%     |
| 33     | 16.345   | 2319       | 2322     | 2325      | rBV   | 738         | 1097       | 0.15%        | 0.015%     |
| 34     | 16.792   | 2395       | 2398     | 2401      | rBB   | 4970        | 5095       | 0.68%        | 0.071%     |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 35 | 16.839 | 2402 | 2406 | 2409 | rBB2 | 1191   | 1537   | 0.21%   | 0.021%  |
| 36 | 17.039 | 2434 | 2440 | 2451 | rBV  | 302907 | 420672 | 56.47%  | 5.865%  |
| 37 | 17.139 | 2451 | 2457 | 2475 | rVB  | 422850 | 607139 | 81.50%  | 8.465%  |
| 38 | 17.421 | 2503 | 2505 | 2507 | rBB  | 2573   | 2231   | 0.30%   | 0.031%  |
| 39 | 18.362 | 2661 | 2665 | 2668 | rBB  | 20149  | 20465  | 2.75%   | 0.285%  |
| 40 | 19.080 | 2784 | 2787 | 2791 | rBB  | 3188   | 3564   | 0.48%   | 0.050%  |
| 41 | 19.333 | 2826 | 2830 | 2834 | rVB  | 2973   | 2954   | 0.40%   | 0.041%  |
| 42 | 19.445 | 2843 | 2849 | 2866 | rBV  | 543500 | 744931 | 100.00% | 10.386% |
| 43 | 19.568 | 2866 | 2870 | 2874 | rVB  | 9791   | 9208   | 1.24%   | 0.128%  |
| 44 | 20.127 | 2962 | 2965 | 2968 | rBV  | 13164  | 12346  | 1.66%   | 0.172%  |
| 45 | 20.598 | 3043 | 3045 | 3049 | rVB  | 1621   | 1926   | 0.26%   | 0.027%  |
| 46 | 20.639 | 3049 | 3052 | 3056 | rBV  | 1722   | 2170   | 0.29%   | 0.030%  |
| 47 | 20.950 | 3101 | 3105 | 3112 | rBV  | 19388  | 24861  | 3.34%   | 0.347%  |
| 48 | 21.156 | 3137 | 3140 | 3145 | rVB2 | 1331   | 1340   | 0.18%   | 0.019%  |
| 49 | 21.250 | 3151 | 3156 | 3171 | rBV  | 380402 | 497477 | 66.78%  | 6.936%  |
| 50 | 21.392 | 3178 | 3180 | 3187 | rVB4 | 1831   | 1993   | 0.27%   | 0.028%  |
| 51 | 21.821 | 3250 | 3253 | 3257 | rVB2 | 2706   | 2690   | 0.36%   | 0.038%  |
| 52 | 22.274 | 3327 | 3330 | 3334 | rBV3 | 4910   | 5905   | 0.79%   | 0.082%  |
| 53 | 22.397 | 3349 | 3351 | 3355 | rVB2 | 3374   | 3386   | 0.45%   | 0.047%  |
| 54 | 22.768 | 3407 | 3414 | 3419 | rVB3 | 9468   | 15199  | 2.04%   | 0.212%  |
| 55 | 23.333 | 3502 | 3510 | 3526 | rBV  | 314299 | 582081 | 78.14%  | 8.115%  |
| 56 | 23.474 | 3527 | 3534 | 3544 | rVV2 | 202113 | 378052 | 50.75%  | 5.271%  |
| 57 | 23.956 | 3611 | 3616 | 3623 | rVB2 | 12208  | 20251  | 2.72%   | 0.282%  |
| 58 | 24.680 | 3734 | 3739 | 3745 | rBV2 | 9737   | 19907  | 2.67%   | 0.278%  |
| 59 | 25.532 | 3878 | 3884 | 3890 | rVB4 | 7291   | 15444  | 2.07%   | 0.215%  |

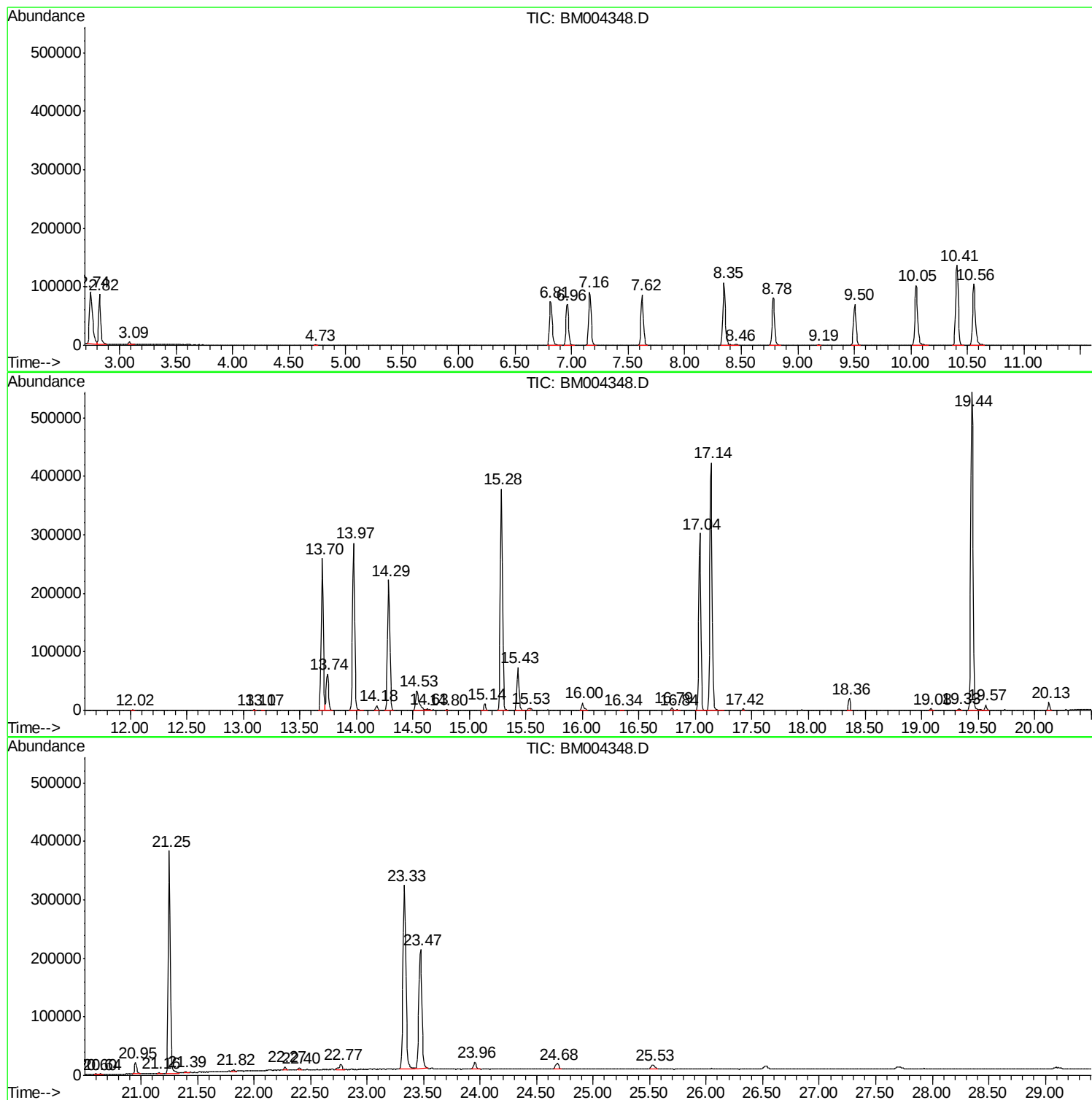
Sum of corrected areas: 7172703

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM022216.M  
Quant Title : SVOA CALIBRATION

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



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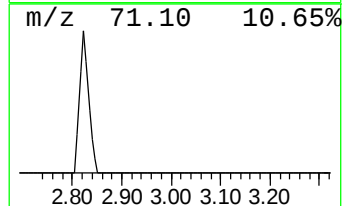
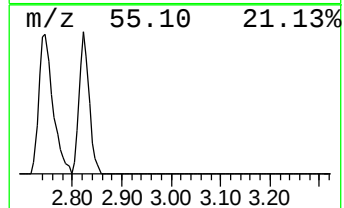
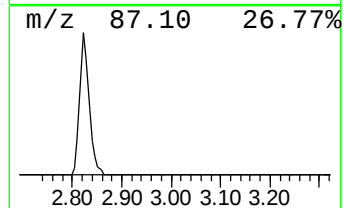
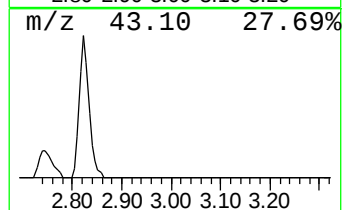
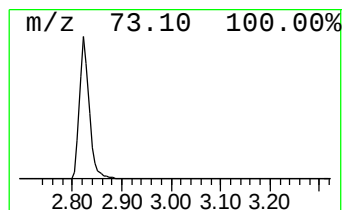
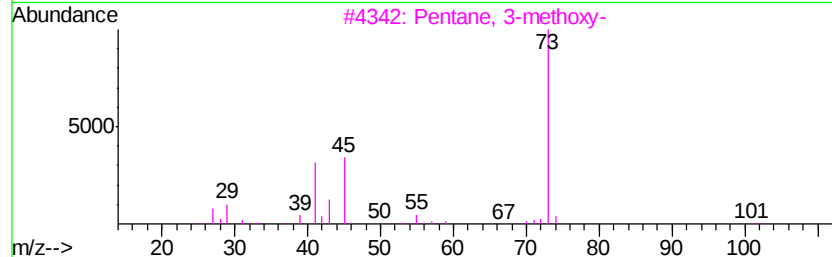
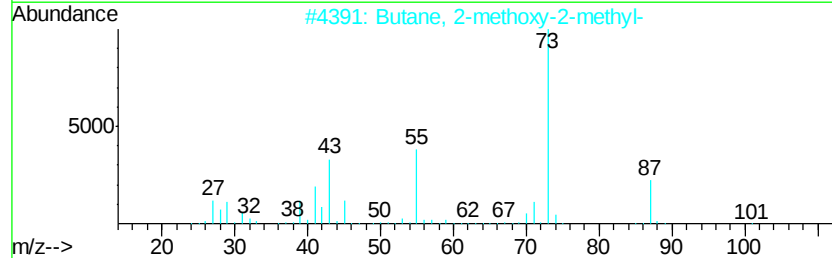
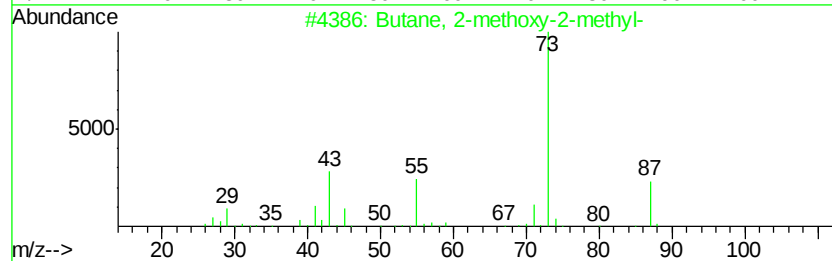
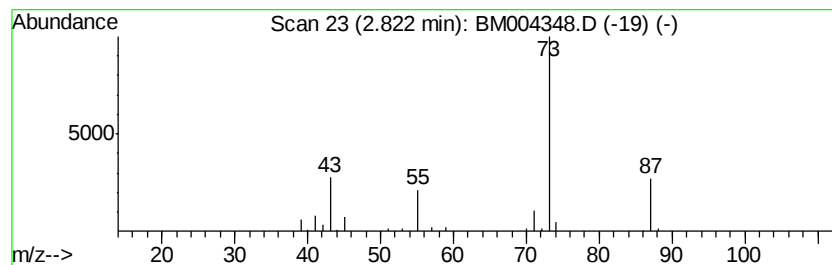
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 2.82 | 17.07 ng/ul | 113143 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 2.82 | 17.1    | ng/ul | 113143   | 1                     | 7.62 | 132582 | 20.0 |