

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM070115\  
 Data File : BM001813.D  
 Acq On : 01 Jul 2015 18:26  
 Operator : TP/UM  
 Sample : G2854-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H0FC3

## 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-BM061515.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.810       | 16            | 21          | 28           | rVV      | 51830          | 73711         | 6.02%           | 0.551%        |
| 2         | 2.881       | 29            | 33          | 50           | rVB      | 682749         | 784305        | 64.09%          | 5.868%        |
| 3         | 3.140       | 74            | 77          | 83           | rVB2     | 3842           | 5039          | 0.41%           | 0.038%        |
| 4         | 3.775       | 180           | 185         | 186          | rVB      | 1473           | 2234          | 0.18%           | 0.017%        |
| 5         | 3.816       | 186           | 192         | 194          | rBV2     | 1178           | 2516          | 0.21%           | 0.019%        |
| 6         | 4.093       | 236           | 239         | 241          | rBV      | 1051           | 1472          | 0.12%           | 0.011%        |
| 7         | 4.775       | 351           | 355         | 358          | rBB      | 1635           | 1616          | 0.13%           | 0.012%        |
| 8         | 6.828       | 698           | 704         | 710          | rBB      | 74618          | 108479        | 8.86%           | 0.812%        |
| 9         | 6.998       | 727           | 733         | 741          | rBB      | 165575         | 249101        | 20.35%          | 1.864%        |
| 10        | 7.192       | 759           | 766         | 773          | rBB      | 208716         | 314617        | 25.71%          | 2.354%        |
| 11        | 7.663       | 838           | 846         | 852          | rBB      | 229947         | 357753        | 29.23%          | 2.677%        |
| 12        | 7.881       | 880           | 883         | 886          | rBB2     | 1808           | 2339          | 0.19%           | 0.018%        |
| 13        | 8.187       | 933           | 935         | 939          | rBB      | 1149           | 1247          | 0.10%           | 0.009%        |
| 14        | 8.363       | 954           | 965         | 975          | rBB2     | 183727         | 280668        | 22.93%          | 2.100%        |
| 15        | 8.822       | 1034          | 1043        | 1050         | rBB      | 211017         | 334086        | 27.30%          | 2.500%        |
| 16        | 9.539       | 1159          | 1165        | 1173         | rBB      | 177375         | 280920        | 22.95%          | 2.102%        |
| 17        | 10.069      | 1248          | 1255        | 1262         | rBV      | 283910         | 449494        | 36.73%          | 3.363%        |
| 18        | 10.451      | 1313          | 1320        | 1329         | rVB      | 306594         | 493920        | 40.36%          | 3.695%        |
| 19        | 10.592      | 1339          | 1344        | 1349         | rBB2     | 9641           | 15112         | 1.23%           | 0.113%        |
| 20        | 11.710      | 1530          | 1534        | 1537         | rVB      | 1709           | 2088          | 0.17%           | 0.016%        |
| 21        | 12.657      | 1693          | 1695        | 1698         | rBV      | 1340           | 1333          | 0.11%           | 0.010%        |
| 22        | 12.916      | 1733          | 1739        | 1741         | rVB2     | 2478           | 3112          | 0.25%           | 0.023%        |
| 23        | 13.727      | 1871          | 1877        | 1883         | rBV      | 470306         | 618210        | 50.52%          | 4.625%        |
| 24        | 14.010      | 1918          | 1925        | 1931         | rBV      | 547243         | 781577        | 63.87%          | 5.848%        |
| 25        | 14.316      | 1970          | 1977        | 1985         | rBV2     | 432410         | 651744        | 53.26%          | 4.876%        |
| 26        | 14.515      | 2005          | 2011        | 2023         | rVB      | 52838          | 71564         | 5.85%           | 0.535%        |
| 27        | 15.145      | 2113          | 2118        | 2122         | rVB      | 1694           | 1859          | 0.15%           | 0.014%        |
| 28        | 15.310      | 2140          | 2146        | 2154         | rVB      | 703380         | 981465        | 80.20%          | 7.343%        |
| 29        | 15.433      | 2161          | 2167        | 2175         | rVB      | 187066         | 255463        | 20.87%          | 1.911%        |
| 30        | 16.851      | 2405          | 2408        | 2411         | rVV2     | 1074           | 1419          | 0.12%           | 0.011%        |
| 31        | 17.062      | 2438          | 2444        | 2450         | rBV      | 573487         | 770046        | 62.92%          | 5.761%        |
| 32        | 17.162      | 2454          | 2461        | 2470         | rVV      | 751915         | 1048081       | 85.64%          | 7.842%        |
| 33        | 17.556      | 2526          | 2528        | 2530         | rBV2     | 2419           | 2086          | 0.17%           | 0.016%        |
| 34        | 17.951      | 2591          | 2595        | 2599         | rBV2     | 16197          | 18452         | 1.51%           | 0.138%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |        |
|----|--------|------|------|------|------|--------|---------|---------|--------|
| 35 | 18.027 | 2606 | 2608 | 2613 | rBV2 | 1484   | 2076    | 0.17%   | 0.016% |
| 36 | 18.251 | 2644 | 2646 | 2650 | rVB2 | 2875   | 2762    | 0.23%   | 0.021% |
| 37 | 18.715 | 2721 | 2725 | 2729 | rBV4 | 3037   | 3880    | 0.32%   | 0.029% |
| 38 | 18.886 | 2752 | 2754 | 2757 | rVB3 | 1924   | 2163    | 0.18%   | 0.016% |
| 39 | 18.980 | 2766 | 2770 | 2773 | rVB2 | 886    | 1261    | 0.10%   | 0.009% |
| 40 | 19.051 | 2779 | 2782 | 2783 | rBV2 | 1557   | 1671    | 0.14%   | 0.013% |
| 41 | 19.239 | 2808 | 2814 | 2820 | rBV  | 13347  | 20455   | 1.67%   | 0.153% |
| 42 | 19.321 | 2825 | 2828 | 2829 | rVV2 | 2353   | 2499    | 0.20%   | 0.019% |
| 43 | 19.350 | 2829 | 2833 | 2838 | rVB  | 5478   | 8525    | 0.70%   | 0.064% |
| 44 | 19.386 | 2838 | 2839 | 2842 | rBV  | 1655   | 1264    | 0.10%   | 0.009% |
| 45 | 19.462 | 2842 | 2852 | 2860 | rVV  | 902270 | 1223793 | 100.00% | 9.156% |
| 46 | 19.527 | 2860 | 2863 | 2865 | rBV2 | 1754   | 1765    | 0.14%   | 0.013% |
| 47 | 19.603 | 2871 | 2876 | 2878 | rBV3 | 2225   | 2779    | 0.23%   | 0.021% |
| 48 | 19.645 | 2878 | 2883 | 2885 | rBV2 | 2559   | 4130    | 0.34%   | 0.031% |
| 49 | 19.692 | 2889 | 2891 | 2895 | rVB3 | 2532   | 3604    | 0.29%   | 0.027% |
| 50 | 19.803 | 2908 | 2910 | 2914 | rVB2 | 1732   | 1779    | 0.15%   | 0.013% |
| 51 | 19.833 | 2914 | 2915 | 2919 | rBV3 | 1475   | 1486    | 0.12%   | 0.011% |
| 52 | 19.862 | 2919 | 2920 | 2924 | rVB2 | 2391   | 2787    | 0.23%   | 0.021% |
| 53 | 19.933 | 2929 | 2932 | 2935 | rVB3 | 2375   | 3241    | 0.26%   | 0.024% |
| 54 | 19.974 | 2935 | 2939 | 2940 | rBV4 | 1985   | 2639    | 0.22%   | 0.020% |
| 55 | 20.003 | 2940 | 2944 | 2945 | rBV3 | 2156   | 2620    | 0.21%   | 0.020% |
| 56 | 20.068 | 2951 | 2955 | 2957 | rVB2 | 2294   | 2465    | 0.20%   | 0.018% |
| 57 | 20.180 | 2972 | 2974 | 2975 | rBV2 | 2275   | 2037    | 0.17%   | 0.015% |
| 58 | 20.215 | 2979 | 2980 | 2983 | rVV3 | 2521   | 1638    | 0.13%   | 0.012% |
| 59 | 20.250 | 2985 | 2986 | 2989 | rVB2 | 1439   | 1480    | 0.12%   | 0.011% |
| 60 | 20.562 | 3036 | 3039 | 3040 | rBV2 | 1365   | 1571    | 0.13%   | 0.012% |
| 61 | 20.797 | 3077 | 3079 | 3082 | rBV3 | 2009   | 1705    | 0.14%   | 0.013% |
| 62 | 20.892 | 3093 | 3095 | 3096 | rBV  | 1724   | 1546    | 0.13%   | 0.012% |
| 63 | 21.027 | 3115 | 3118 | 3119 | rBV3 | 1479   | 1333    | 0.11%   | 0.010% |
| 64 | 21.050 | 3119 | 3122 | 3125 | rVV2 | 7322   | 6616    | 0.54%   | 0.049% |
| 65 | 21.256 | 3151 | 3157 | 3162 | rBV  | 747816 | 931073  | 76.08%  | 6.966% |
| 66 | 21.886 | 3262 | 3264 | 3265 | rBV2 | 2475   | 1838    | 0.15%   | 0.014% |
| 67 | 23.338 | 3503 | 3511 | 3522 | rVB2 | 670872 | 1215650 | 99.33%  | 9.095% |
| 68 | 23.480 | 3528 | 3535 | 3543 | rVB  | 508866 | 929495  | 75.95%  | 6.954% |
| 69 | 27.909 | 4286 | 4288 | 4289 | rBV2 | 4517   | 2936    | 0.24%   | 0.022% |

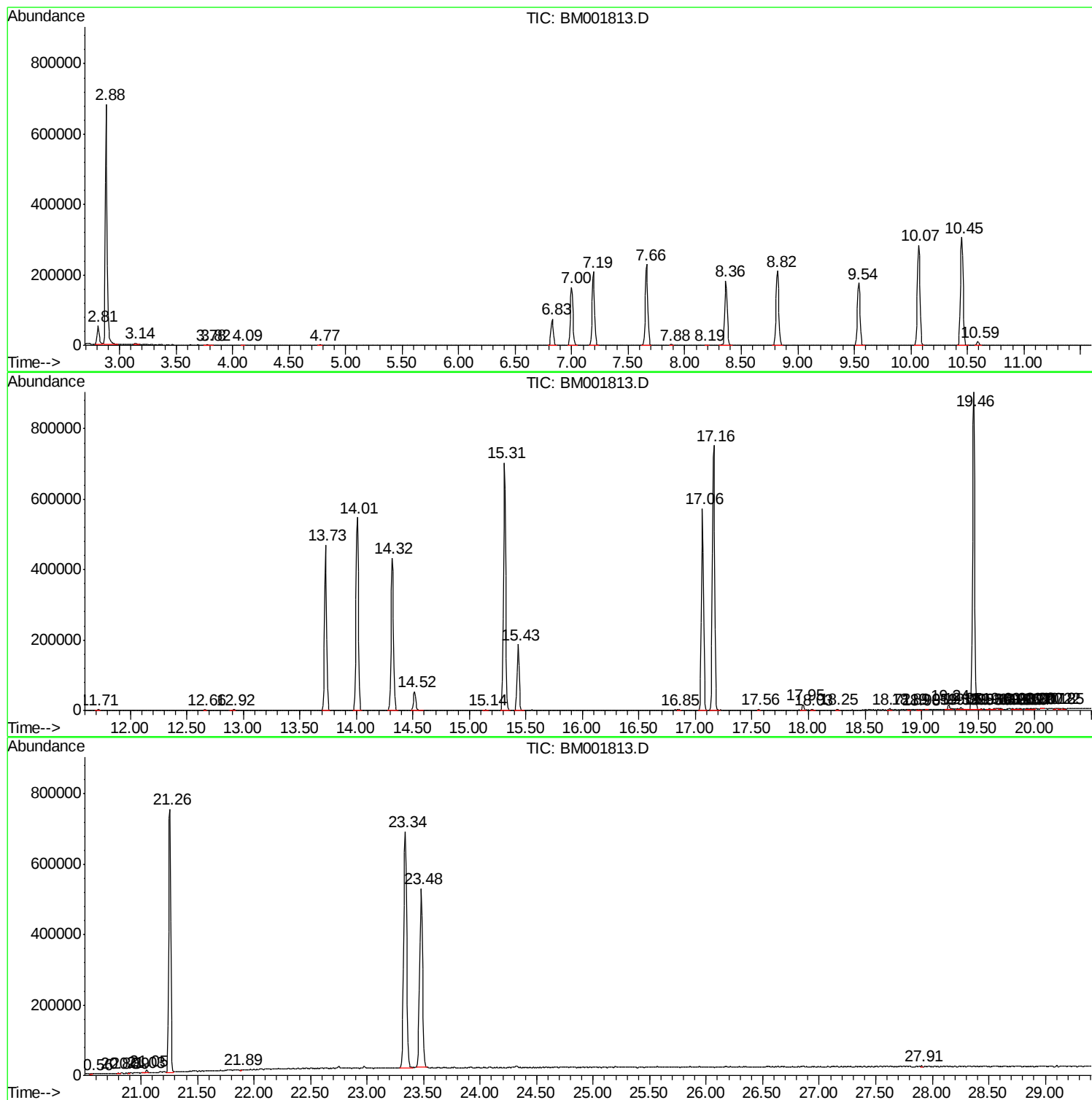
Sum of corrected areas: 13365690

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM061515.M  
Quant Title : SVOA CALIBRATION

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



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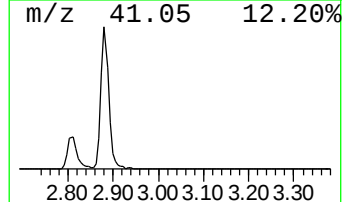
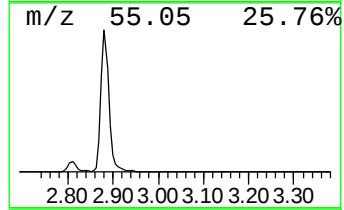
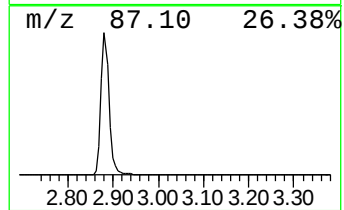
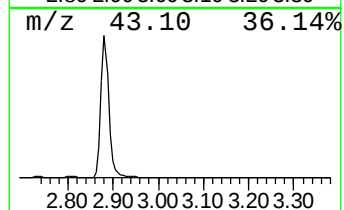
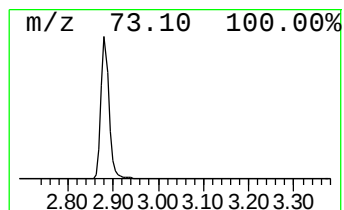
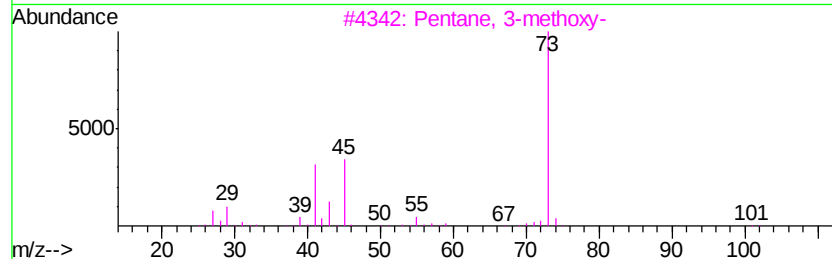
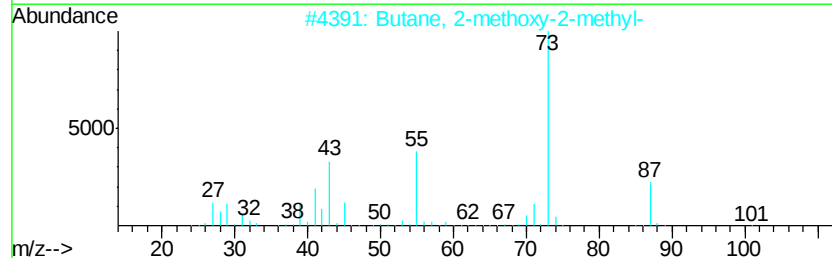
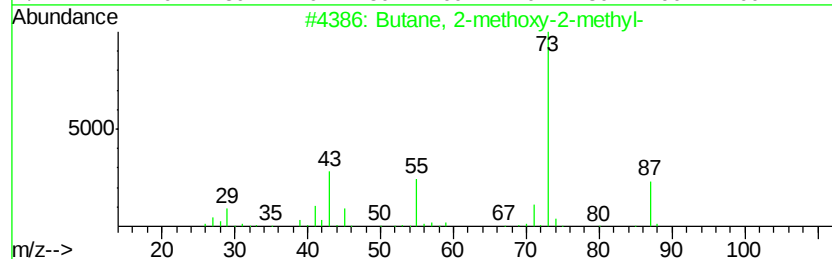
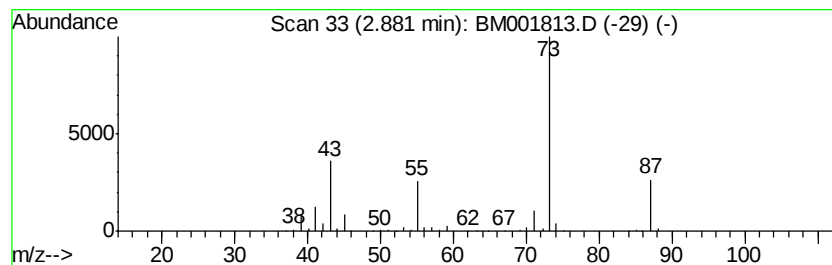
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM061515.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 2.88 | 43.85 ng/ul | 784305 | 1,4-Dichlorobenzene-d4 | 7.66 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 45   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 22   |
| 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... | 2.88 | 43.9    | ng/ul | 784305   | 1                     | 7.66 | 357753 | 20.0 |