

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\  
 Data File : BG042085.D  
 Acq On : 9 Aug 2019 2:29  
 Operator : HP/JU  
 Sample : K4041-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BENS9

## 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:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.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         | 3.147       | 5             | 10          | 33           | rVB      | 1596772        | 2596546       | 100.00%         | 15.431%       |
| 2         | 3.406       | 52            | 54          | 59           | rVB3     | 5207           | 6864          | 0.26%           | 0.041%        |
| 3         | 4.076       | 162           | 168         | 172          | rBV      | 12088          | 19591         | 0.75%           | 0.116%        |
| 4         | 7.178       | 689           | 696         | 713          | rBV2     | 107524         | 248243        | 9.56%           | 1.475%        |
| 5         | 7.343       | 717           | 724         | 733          | rBV      | 96907          | 166669        | 6.42%           | 0.991%        |
| 6         | 7.554       | 751           | 760         | 770          | rBV      | 131433         | 242237        | 9.33%           | 1.440%        |
| 7         | 8.024       | 833           | 840         | 849          | rBV      | 220446         | 381177        | 14.68%          | 2.265%        |
| 8         | 8.735       | 954           | 961         | 972          | rBV      | 141929         | 279379        | 10.76%          | 1.660%        |
| 9         | 9.187       | 1031          | 1038        | 1047         | rBV      | 118236         | 222068        | 8.55%           | 1.320%        |
| 10        | 9.922       | 1156          | 1163        | 1171         | rBV      | 101855         | 194933        | 7.51%           | 1.159%        |
| 11        | 10.468      | 1249          | 1256        | 1272         | rBV      | 159374         | 324917        | 12.51%          | 1.931%        |
| 12        | 10.850      | 1311          | 1321        | 1331         | rBV      | 323369         | 586540        | 22.59%          | 3.486%        |
| 13        | 10.979      | 1336          | 1343        | 1357         | rBV      | 138978         | 285843        | 11.01%          | 1.699%        |
| 14        | 12.442      | 1585          | 1592        | 1598         | rBV4     | 2934           | 5715          | 0.22%           | 0.034%        |
| 15        | 13.294      | 1733          | 1737        | 1742         | rVB3     | 2230           | 3081          | 0.12%           | 0.018%        |
| 16        | 13.576      | 1780          | 1785        | 1793         | rBV2     | 25132          | 38841         | 1.50%           | 0.231%        |
| 17        | 14.082      | 1865          | 1871        | 1876         | rBV      | 354310         | 532742        | 20.52%          | 3.166%        |
| 18        | 14.129      | 1876          | 1879        | 1888         | rVB      | 94595          | 139700        | 5.38%           | 0.830%        |
| 19        | 14.375      | 1914          | 1921        | 1934         | rBV2     | 418087         | 666419        | 25.67%          | 3.961%        |
| 20        | 14.681      | 1967          | 1973        | 1985         | rBV      | 566541         | 895856        | 34.50%          | 5.324%        |
| 21        | 14.875      | 2000          | 2006        | 2019         | rBV3     | 39835          | 100166        | 3.86%           | 0.595%        |
| 22        | 15.098      | 2040          | 2044        | 2051         | rVB4     | 7484           | 12639         | 0.49%           | 0.075%        |
| 23        | 15.486      | 2106          | 2110        | 2116         | rVB3     | 3014           | 4363          | 0.17%           | 0.026%        |
| 24        | 15.680      | 2136          | 2143        | 2156         | rBV      | 520879         | 851668        | 32.80%          | 5.062%        |
| 25        | 15.791      | 2156          | 2162        | 2176         | rVV      | 71955          | 127903        | 4.93%           | 0.760%        |
| 26        | 15.921      | 2180          | 2184        | 2190         | rVB2     | 5353           | 7325          | 0.28%           | 0.044%        |
| 27        | 17.225      | 2403          | 2406        | 2411         | rVB2     | 2101           | 3472          | 0.13%           | 0.021%        |
| 28        | 17.354      | 2424          | 2428        | 2434         | rVB4     | 3170           | 3660          | 0.14%           | 0.022%        |
| 29        | 17.437      | 2436          | 2442        | 2452         | rVV2     | 726498         | 1078868       | 41.55%          | 6.412%        |
| 30        | 17.536      | 2452          | 2459        | 2469         | rVV2     | 615480         | 937323        | 36.10%          | 5.571%        |
| 31        | 17.625      | 2472          | 2474        | 2479         | rVB3     | 3666           | 3432          | 0.13%           | 0.020%        |
| 32        | 17.830      | 2504          | 2509        | 2512         | rBV5     | 2467           | 4555          | 0.18%           | 0.027%        |
| 33        | 18.341      | 2592          | 2596        | 2599         | rBV5     | 4230           | 6843          | 0.26%           | 0.041%        |
| 34        | 18.400      | 2602          | 2606        | 2609         | rVB3     | 3822           | 6279          | 0.24%           | 0.037%        |

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 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:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 18.629 | 2641 | 2645 | 2648 | rBV5 | 3145   | 4861    | 0.19%  | 0.029% |
| 36 | 18.823 | 2673 | 2678 | 2684 | rBV6 | 4568   | 7856    | 0.30%  | 0.047% |
| 37 | 19.193 | 2736 | 2741 | 2748 | rVV8 | 9102   | 23731   | 0.91%  | 0.141% |
| 38 | 19.252 | 2748 | 2751 | 2753 | rVV4 | 5612   | 7428    | 0.29%  | 0.044% |
| 39 | 19.276 | 2753 | 2755 | 2758 | rVB2 | 4471   | 4058    | 0.16%  | 0.024% |
| 40 | 19.464 | 2784 | 2787 | 2790 | rBV2 | 7751   | 11682   | 0.45%  | 0.069% |
| 41 | 19.499 | 2790 | 2793 | 2798 | rVB5 | 8677   | 13099   | 0.50%  | 0.078% |
| 42 | 19.622 | 2811 | 2814 | 2816 | rBV2 | 2106   | 2725    | 0.10%  | 0.016% |
| 43 | 19.716 | 2823 | 2830 | 2833 | rBV2 | 5695   | 10694   | 0.41%  | 0.064% |
| 44 | 19.822 | 2840 | 2848 | 2859 | rBV  | 828838 | 1202953 | 46.33% | 7.149% |
| 45 | 20.028 | 2879 | 2883 | 2884 | rBV4 | 2926   | 3531    | 0.14%  | 0.021% |
| 46 | 20.227 | 2915 | 2917 | 2923 | rVB7 | 2286   | 3124    | 0.12%  | 0.019% |
| 47 | 20.363 | 2933 | 2940 | 2943 | rBV2 | 15765  | 21755   | 0.84%  | 0.129% |
| 48 | 20.433 | 2950 | 2952 | 2954 | rBV3 | 3385   | 2806    | 0.11%  | 0.017% |
| 49 | 20.856 | 3021 | 3024 | 3028 | rBV2 | 17265  | 18579   | 0.72%  | 0.110% |
| 50 | 21.367 | 3107 | 3111 | 3121 | rBV2 | 36795  | 64668   | 2.49%  | 0.384% |
| 51 | 21.720 | 3164 | 3171 | 3184 | rBV2 | 730596 | 1245269 | 47.96% | 7.401% |
| 52 | 21.925 | 3202 | 3206 | 3212 | rVB2 | 29055  | 42876   | 1.65%  | 0.255% |
| 53 | 22.548 | 3307 | 3312 | 3318 | rVB2 | 41219  | 66246   | 2.55%  | 0.394% |
| 54 | 23.024 | 3391 | 3393 | 3394 | rBV2 | 5049   | 3800    | 0.15%  | 0.023% |
| 55 | 23.253 | 3426 | 3432 | 3440 | rVB2 | 44749  | 90437   | 3.48%  | 0.537% |
| 56 | 23.447 | 3462 | 3465 | 3471 | rVB4 | 17947  | 29164   | 1.12%  | 0.173% |
| 57 | 24.082 | 3566 | 3573 | 3583 | rVB3 | 55067  | 121043  | 4.66%  | 0.719% |
| 58 | 24.757 | 3678 | 3688 | 3700 | rBV  | 433943 | 1202665 | 46.32% | 7.148% |
| 59 | 24.987 | 3716 | 3727 | 3735 | rBV2 | 433714 | 1303761 | 50.21% | 7.748% |
| 60 | 25.045 | 3735 | 3737 | 3747 | rVB2 | 54225  | 120778  | 4.65%  | 0.718% |
| 61 | 26.215 | 3928 | 3936 | 3948 | rVB4 | 36235  | 113218  | 4.36%  | 0.673% |
| 62 | 27.613 | 4167 | 4174 | 4187 | rVB4 | 26490  | 90396   | 3.48%  | 0.537% |
| 63 | 29.258 | 4452 | 4454 | 4455 | rBV2 | 5896   | 4313    | 0.17%  | 0.026% |
| 64 | 31.191 | 4781 | 4783 | 4786 | rVB3 | 3851   | 2909    | 0.11%  | 0.017% |

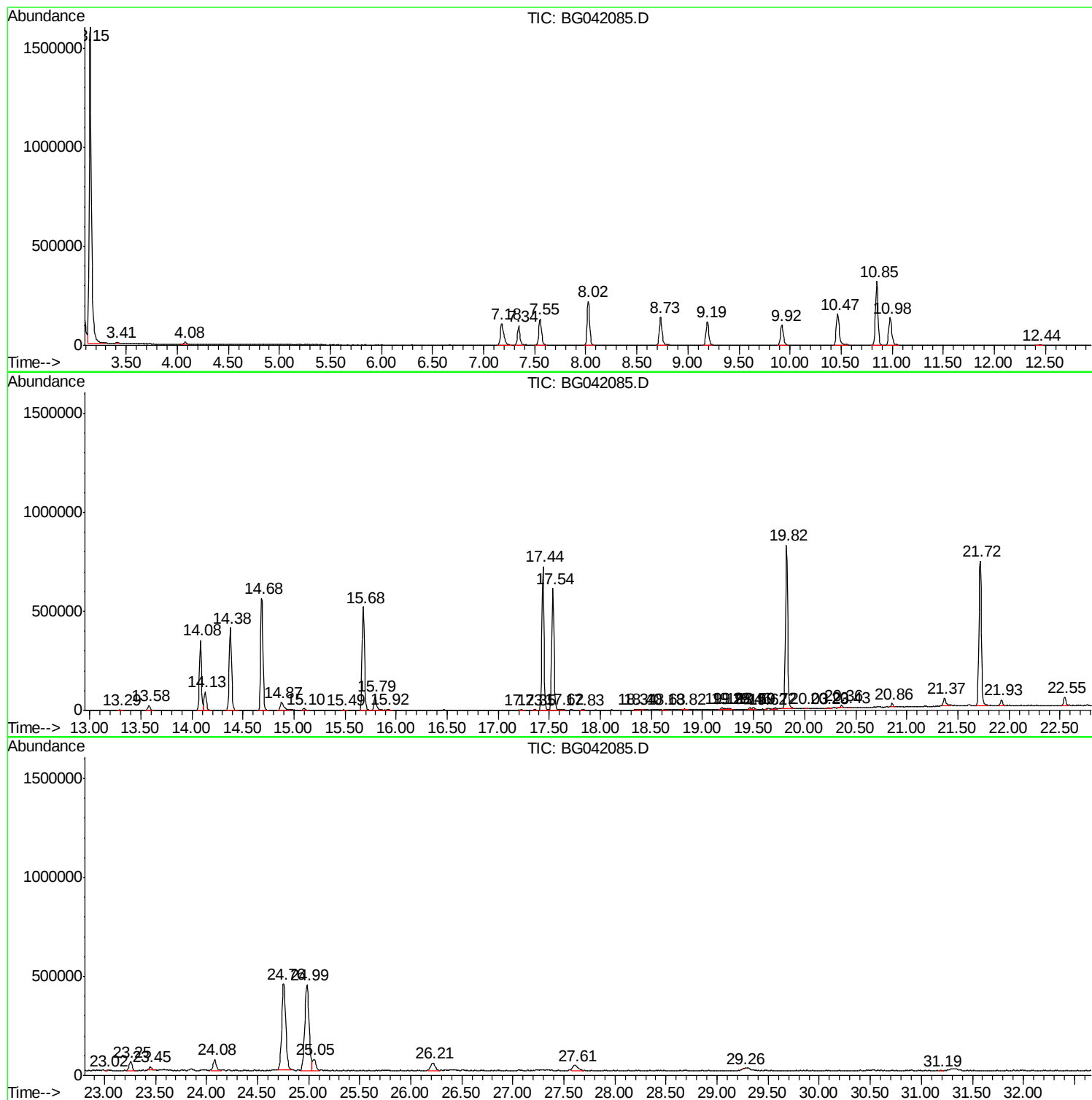
Sum of corrected areas: 16826282

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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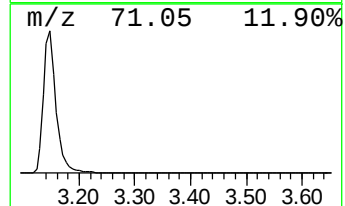
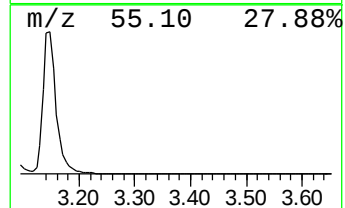
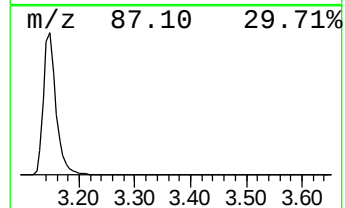
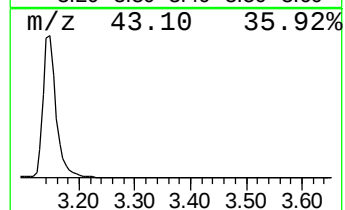
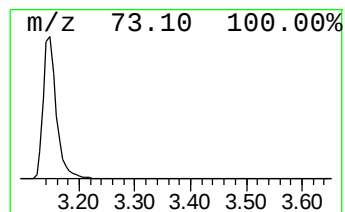
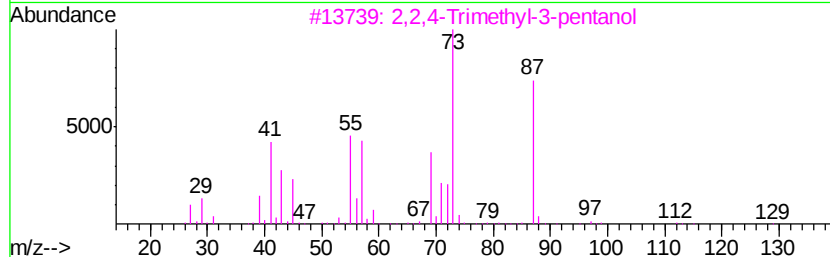
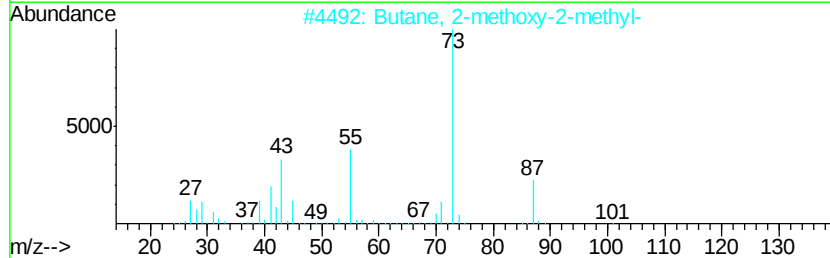
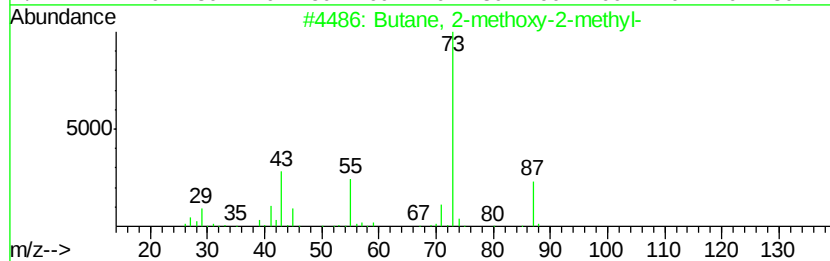
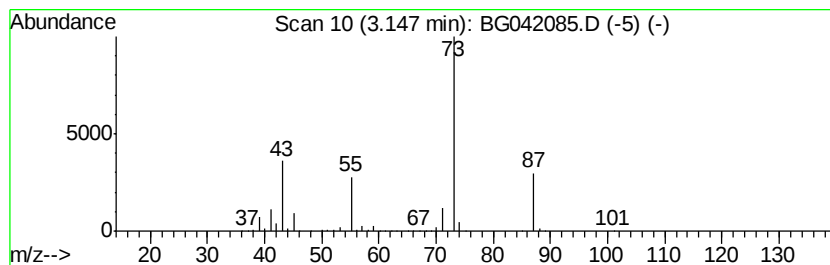
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc      | Area    | Relative to ISTD       | R.T. |
|------|--------------|---------|------------------------|------|
| 3.15 | 136.24 ng/ul | 2596550 | 1,4-Dichlorobenzene-d4 | 8.02 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 59   |
| 2    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 45   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 22   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.15 | 136.2   | ng/ul | 2596550  | 1                     | 8.02 | 381177 | 20.0 |