

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110415\  
 Data File : BG019475.D  
 Acq On : 4 Nov 2015 18:17  
 Operator : UM/NP  
 Sample : G4245-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BCY28

## 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\_G\METHODS\SOM02.2-EPA-BG102815.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         | 3.128       | 43            | 49          | 57           | rBV2     | 61893          | 121205        | 8.05%           | 0.920%        |
| 2         | 3.204       | 57            | 62          | 72           | rVB      | 184753         | 278610        | 18.50%          | 2.115%        |
| 3         | 3.486       | 107           | 110         | 114          | rBV4     | 1989           | 2899          | 0.19%           | 0.022%        |
| 4         | 3.545       | 118           | 120         | 123          | rBV3     | 1606           | 2299          | 0.15%           | 0.017%        |
| 5         | 4.908       | 350           | 352         | 355          | rBV3     | 1519           | 2164          | 0.14%           | 0.016%        |
| 6         | 5.437       | 439           | 442         | 444          | rBV2     | 1999           | 2225          | 0.15%           | 0.017%        |
| 7         | 5.507       | 451           | 454         | 459          | rVB2     | 1393           | 2157          | 0.14%           | 0.016%        |
| 8         | 7.129       | 728           | 730         | 731          | rBV      | 3128           | 2278          | 0.15%           | 0.017%        |
| 9         | 7.323       | 757           | 763         | 773          | rVB2     | 32160          | 57063         | 3.79%           | 0.433%        |
| 10        | 7.493       | 784           | 792         | 799          | rBV      | 119464         | 195327        | 12.97%          | 1.483%        |
| 11        | 7.705       | 821           | 828         | 836          | rBV      | 123331         | 211102        | 14.02%          | 1.603%        |
| 12        | 8.181       | 902           | 909         | 917          | rVB      | 123707         | 210863        | 14.00%          | 1.601%        |
| 13        | 8.398       | 943           | 946         | 951          | rVB4     | 1732           | 2930          | 0.19%           | 0.022%        |
| 14        | 8.563       | 967           | 974         | 975          | rBV3     | 5884           | 7619          | 0.51%           | 0.058%        |
| 15        | 8.880       | 1021          | 1028        | 1038         | rBV2     | 99034          | 173615        | 11.53%          | 1.318%        |
| 16        | 9.350       | 1100          | 1108        | 1116         | rBV      | 178936         | 311080        | 20.66%          | 2.362%        |
| 17        | 9.444       | 1121          | 1124        | 1128         | rBV2     | 2048           | 2544          | 0.17%           | 0.019%        |
| 18        | 9.744       | 1171          | 1175        | 1178         | rVB3     | 3509           | 5026          | 0.33%           | 0.038%        |
| 19        | 10.079      | 1226          | 1232        | 1240         | rVB2     | 166525         | 288254        | 19.14%          | 2.189%        |
| 20        | 10.319      | 1271          | 1273        | 1278         | rBV3     | 1950           | 2546          | 0.17%           | 0.019%        |
| 21        | 10.378      | 1280          | 1283        | 1288         | rBV3     | 1687           | 2839          | 0.19%           | 0.022%        |
| 22        | 10.625      | 1316          | 1325        | 1334         | rBV      | 215620         | 383132        | 25.44%          | 2.909%        |
| 23        | 11.007      | 1383          | 1390        | 1400         | rBV      | 180078         | 314024        | 20.85%          | 2.384%        |
| 24        | 11.142      | 1409          | 1413        | 1417         | rVB3     | 2020           | 3642          | 0.24%           | 0.028%        |
| 25        | 11.818      | 1527          | 1528        | 1534         | rBV2     | 2182           | 2668          | 0.18%           | 0.020%        |
| 26        | 12.235      | 1592          | 1599        | 1602         | rBV3     | 5492           | 8780          | 0.58%           | 0.067%        |
| 27        | 12.581      | 1650          | 1658        | 1661         | rBV3     | 4405           | 6816          | 0.45%           | 0.052%        |
| 28        | 14.203      | 1928          | 1934        | 1942         | rBV      | 515872         | 721103        | 47.88%          | 5.475%        |
| 29        | 14.509      | 1979          | 1986        | 1997         | rVB      | 477744         | 759974        | 50.46%          | 5.770%        |
| 30        | 14.808      | 2031          | 2037        | 2044         | rBV2     | 332997         | 527842        | 35.05%          | 4.008%        |
| 31        | 14.873      | 2044          | 2048        | 2052         | rVB3     | 5802           | 8959          | 0.59%           | 0.068%        |
| 32        | 14.996      | 2064          | 2069        | 2077         | rBV      | 45165          | 70576         | 4.69%           | 0.536%        |
| 33        | 15.607      | 2170          | 2173        | 2176         | rVB      | 2501           | 3208          | 0.21%           | 0.024%        |
| 34        | 15.795      | 2199          | 2205        | 2213         | rVB      | 694138         | 1050285       | 69.74%          | 7.975%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 15.907 | 2217 | 2224 | 2233 | rBV  | 272500  | 412491  | 27.39%  | 3.132%  |
| 36 | 16.036 | 2241 | 2246 | 2251 | rVB3 | 6739    | 11102   | 0.74%   | 0.084%  |
| 37 | 16.677 | 2352 | 2355 | 2356 | rBV2 | 2219    | 2207    | 0.15%   | 0.017%  |
| 38 | 16.747 | 2365 | 2367 | 2370 | rVB2 | 2967    | 2932    | 0.19%   | 0.022%  |
| 39 | 17.482 | 2486 | 2492 | 2495 | rBV2 | 2415    | 4543    | 0.30%   | 0.034%  |
| 40 | 17.552 | 2497 | 2504 | 2512 | rVV2 | 488196  | 748562  | 49.70%  | 5.684%  |
| 41 | 17.646 | 2512 | 2520 | 2529 | rBV2 | 819833  | 1240919 | 82.40%  | 9.422%  |
| 42 | 18.416 | 2647 | 2651 | 2652 | rBV  | 2708    | 2623    | 0.17%   | 0.020%  |
| 43 | 18.492 | 2662 | 2664 | 2668 | rVB  | 4086    | 3893    | 0.26%   | 0.030%  |
| 44 | 18.527 | 2668 | 2670 | 2672 | rBV2 | 2114    | 2269    | 0.15%   | 0.017%  |
| 45 | 18.774 | 2709 | 2712 | 2715 | rBV  | 2215    | 2244    | 0.15%   | 0.017%  |
| 46 | 19.197 | 2781 | 2784 | 2788 | rBV5 | 2338    | 3720    | 0.25%   | 0.028%  |
| 47 | 19.238 | 2788 | 2791 | 2794 | rVV4 | 2069    | 3059    | 0.20%   | 0.023%  |
| 48 | 19.362 | 2810 | 2812 | 2815 | rBV3 | 3188    | 3220    | 0.21%   | 0.024%  |
| 49 | 19.562 | 2843 | 2846 | 2850 | rVB3 | 10421   | 14021   | 0.93%   | 0.106%  |
| 50 | 19.732 | 2873 | 2875 | 2877 | rBV2 | 2463    | 2801    | 0.19%   | 0.021%  |
| 51 | 19.814 | 2883 | 2889 | 2894 | rVB  | 11067   | 22819   | 1.52%   | 0.173%  |
| 52 | 19.926 | 2900 | 2908 | 2915 | rBV  | 1052046 | 1506010 | 100.00% | 11.435% |
| 53 | 20.760 | 3048 | 3050 | 3055 | rBV5 | 9398    | 10927   | 0.73%   | 0.083%  |
| 54 | 21.829 | 3225 | 3232 | 3240 | rVB  | 598737  | 999413  | 66.36%  | 7.588%  |
| 55 | 24.949 | 3753 | 3763 | 3775 | rVB  | 531419  | 1504458 | 99.90%  | 11.423% |
| 56 | 25.178 | 3793 | 3802 | 3814 | rVB2 | 318674  | 920485  | 61.12%  | 6.989%  |

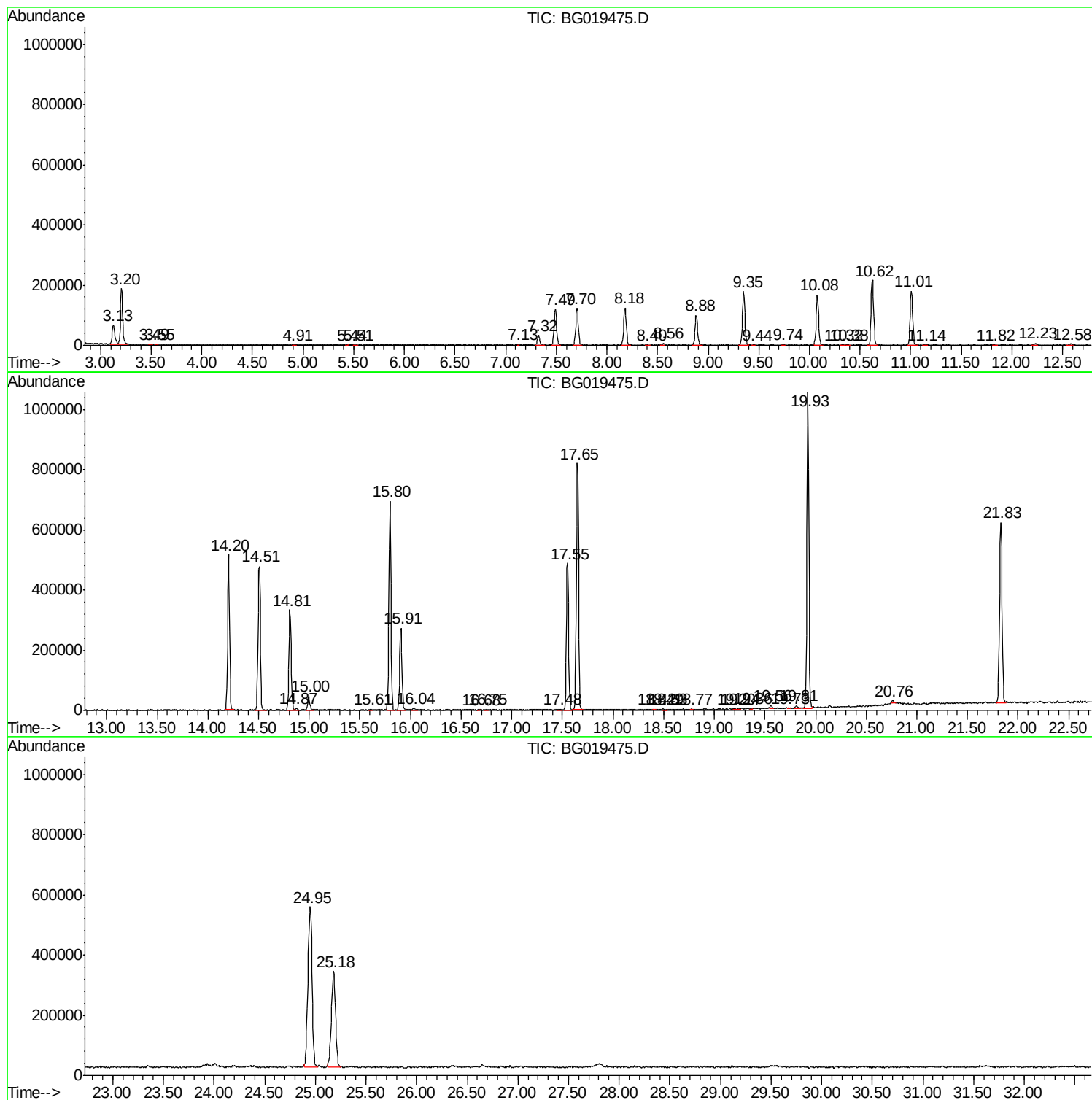
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M  
Quant Title : SVOA CALIBRATION

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



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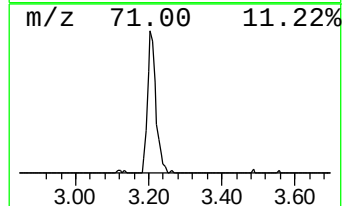
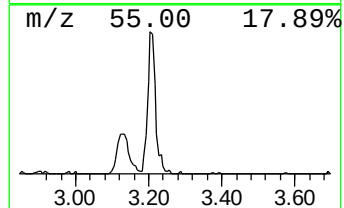
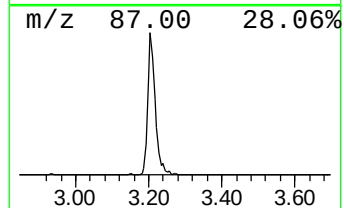
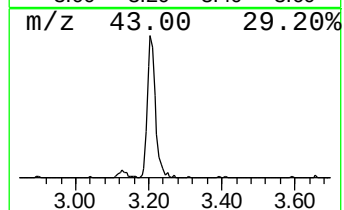
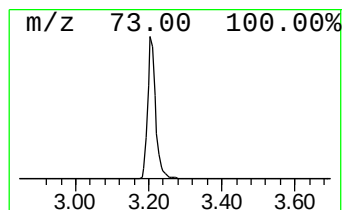
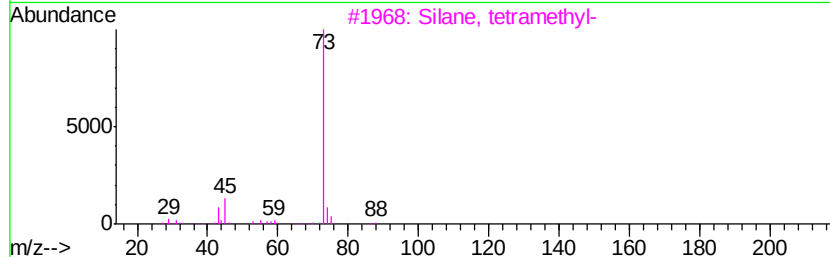
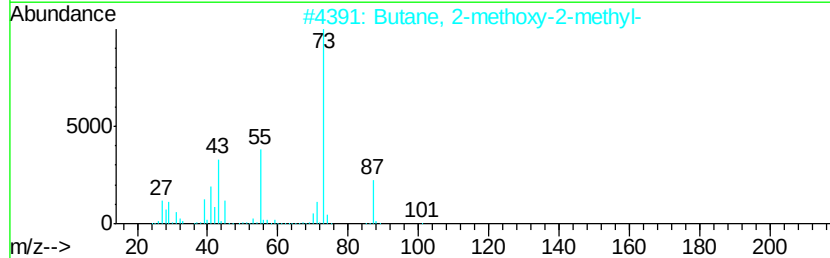
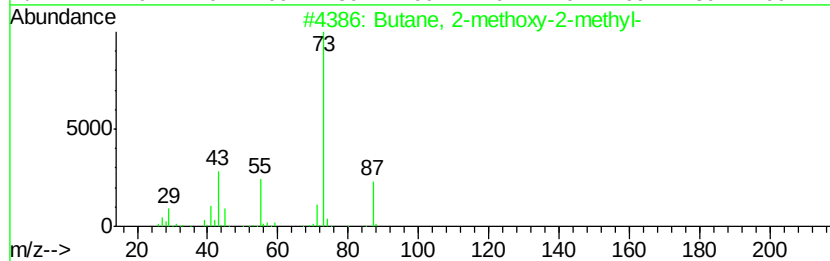
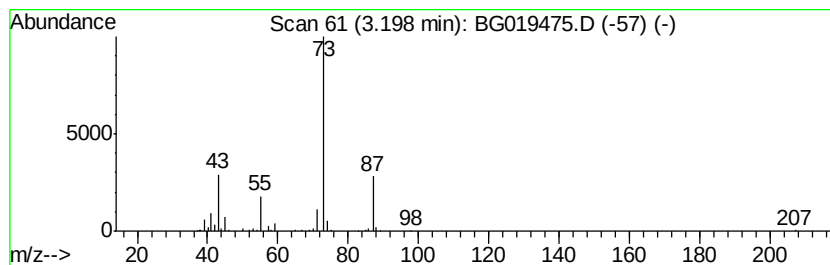
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TIC Library : C:\DATABASE\NIST02.L  
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.20 | 26.43 ng/ul | 278610 | 1,4-Dichlorobenzene-d4 | 8.18 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 47   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 39   |
| 3    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |
| 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... | 3.20 | 26.4    | ng/ul | 278610   | 1                     | 8.18 | 210863 | 20.0 |