

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\  
 Data File : BG042242.D  
 Acq On : 15 Aug 2019 23:24  
 Operator : HP/JU  
 Sample : PB122199BL  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK99

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.147    | 5          | 10       | 21        | rVB   | 80958       | 145002     | 7.36%        | 0.794%     |
| 2      | 3.411    | 50         | 55       | 61        | rBV   | 12153       | 19313      | 0.98%        | 0.106%     |
| 3      | 4.175    | 181        | 185      | 186       | rBV2  | 1976        | 2080       | 0.11%        | 0.011%     |
| 4      | 7.189    | 690        | 698      | 713       | rBV   | 230579      | 437370     | 22.21%       | 2.394%     |
| 5      | 7.342    | 715        | 724      | 737       | rBV   | 177177      | 313552     | 15.92%       | 1.716%     |
| 6      | 7.559    | 753        | 761      | 771       | rBV   | 261837      | 480848     | 24.42%       | 2.631%     |
| 7      | 8.023    | 833        | 840      | 849       | rVV   | 212215      | 374942     | 19.04%       | 2.052%     |
| 8      | 8.740    | 955        | 962      | 984       | rBV   | 312132      | 579848     | 29.44%       | 3.173%     |
| 9      | 9.193    | 1029       | 1039     | 1050      | rBV   | 234973      | 426305     | 21.65%       | 2.333%     |
| 10     | 9.921    | 1156       | 1163     | 1174      | rBV   | 203198      | 379893     | 19.29%       | 2.079%     |
| 11     | 10.474   | 1249       | 1257     | 1273      | rBV   | 340202      | 658948     | 33.46%       | 3.606%     |
| 12     | 10.850   | 1313       | 1321     | 1331      | rBV   | 309060      | 548649     | 27.86%       | 3.002%     |
| 13     | 10.985   | 1335       | 1344     | 1359      | rBV   | 302020      | 591835     | 30.05%       | 3.239%     |
| 14     | 12.448   | 1585       | 1593     | 1603      | rBV3  | 5237        | 12624      | 0.64%        | 0.069%     |
| 15     | 14.087   | 1865       | 1872     | 1884      | rBV   | 621251      | 930299     | 47.24%       | 5.091%     |
| 16     | 14.381   | 1915       | 1922     | 1936      | rBV   | 731366      | 1204517    | 61.16%       | 6.592%     |
| 17     | 14.686   | 1967       | 1974     | 1984      | rVB   | 501647      | 786972     | 39.96%       | 4.307%     |
| 18     | 14.892   | 2002       | 2009     | 2024      | rBV   | 144907      | 323075     | 16.41%       | 1.768%     |
| 19     | 15.532   | 2115       | 2118     | 2120      | rBV3  | 1839        | 2110       | 0.11%        | 0.012%     |
| 20     | 15.679   | 2136       | 2143     | 2155      | rBV   | 930567      | 1455145    | 73.89%       | 7.963%     |
| 21     | 15.803   | 2159       | 2164     | 2174      | rBV   | 67085       | 111924     | 5.68%        | 0.613%     |
| 22     | 15.926   | 2179       | 2185     | 2189      | rVV2  | 11111       | 17170      | 0.87%        | 0.094%     |
| 23     | 16.466   | 2273       | 2277     | 2284      | rBV7  | 5056        | 8743       | 0.44%        | 0.048%     |
| 24     | 16.584   | 2294       | 2297     | 2300      | rBV5  | 3011        | 4235       | 0.22%        | 0.023%     |
| 25     | 16.613   | 2300       | 2302     | 2304      | rBV3  | 2069        | 2196       | 0.11%        | 0.012%     |
| 26     | 16.989   | 2363       | 2366     | 2367      | rBV3  | 3168        | 3688       | 0.19%        | 0.020%     |
| 27     | 17.025   | 2370       | 2372     | 2373      | rBV2  | 3183        | 3152       | 0.16%        | 0.017%     |
| 28     | 17.113   | 2385       | 2387     | 2390      | rVV4  | 4149        | 4105       | 0.21%        | 0.022%     |
| 29     | 17.442   | 2436       | 2443     | 2453      | rBV2  | 572881      | 901036     | 45.75%       | 4.931%     |
| 30     | 17.542   | 2453       | 2460     | 2470      | rBV   | 979186      | 1515911    | 76.98%       | 8.296%     |
| 31     | 17.706   | 2484       | 2488     | 2496      | rBV9  | 10111       | 30280      | 1.54%        | 0.166%     |
| 32     | 19.827   | 2843       | 2849     | 2855      | rBV   | 1150036     | 1738076    | 88.26%       | 9.512%     |
| 33     | 21.725   | 3166       | 3172     | 3177      | rBV   | 621262      | 1009676    | 51.27%       | 5.525%     |
| 34     | 24.774   | 3683       | 3691     | 3705      | rVB   | 693991      | 1969337    | 100.00%      | 10.777%    |

## LSC Area Percent Report

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Max Peaks: 100  
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

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|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 25.004 | 3722 | 3730 | 3748 | rvB2 | 389804 | 1280317 | 65.01% | 7.007% |
|----|--------|------|------|------|------|--------|---------|--------|--------|

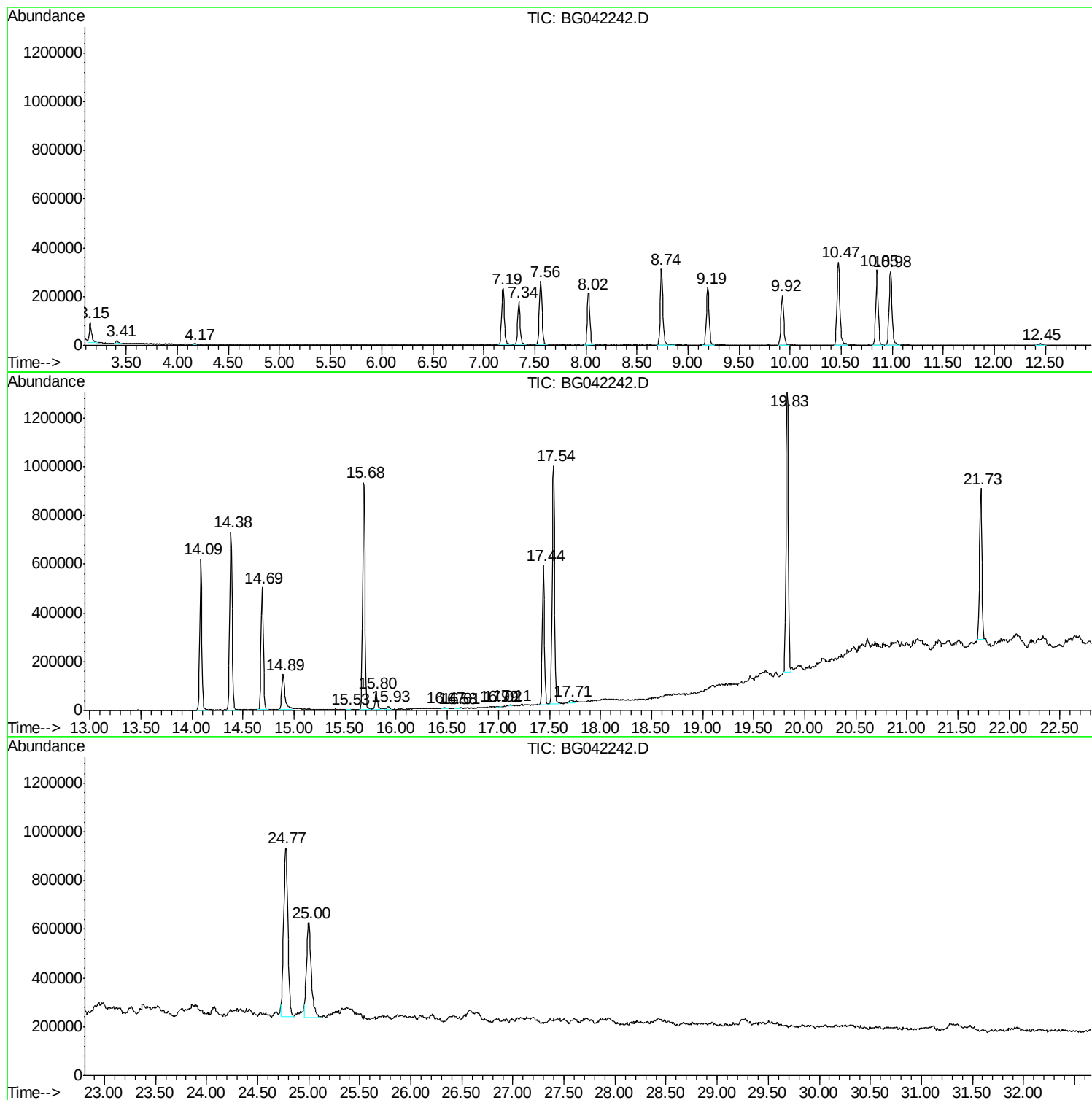
Sum of corrected areas: 18273173

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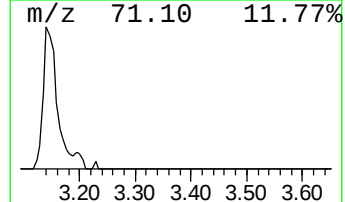
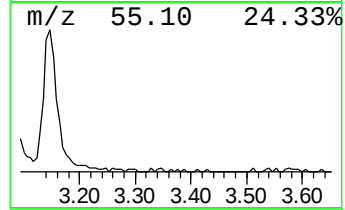
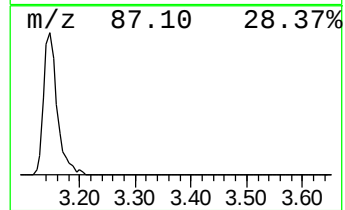
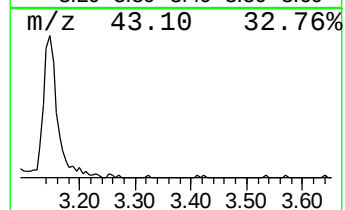
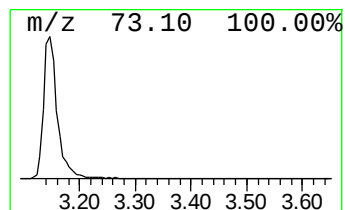
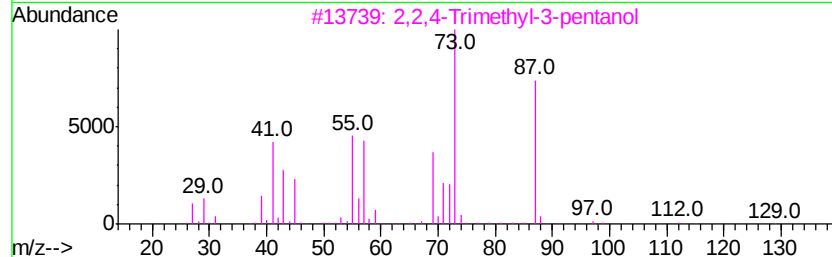
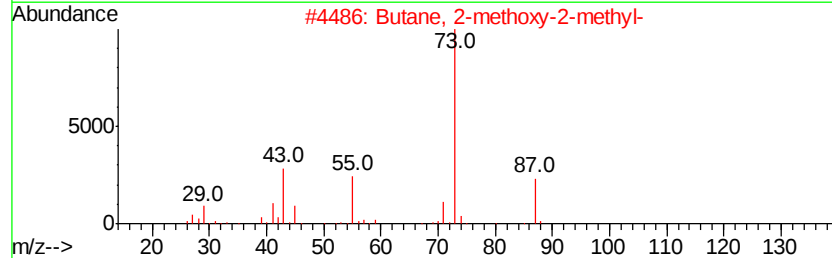
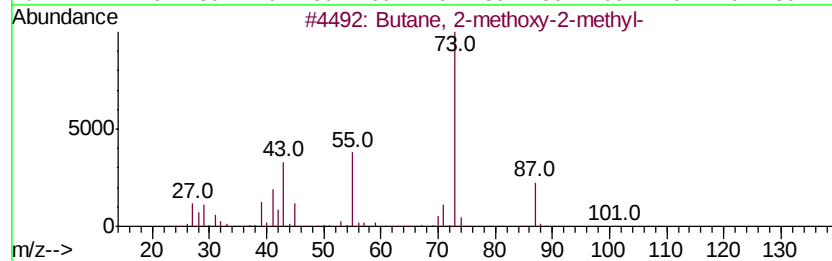
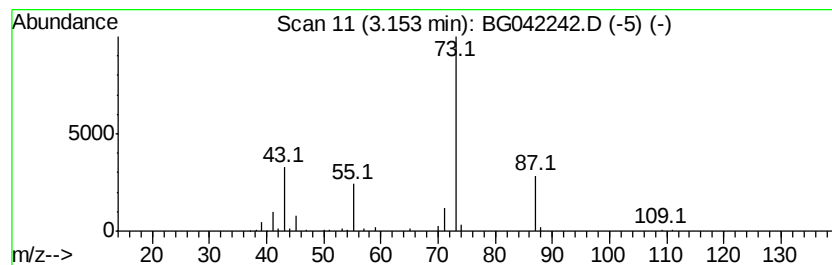
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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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    | 7.73 ng/ul                  | 145002       | 1,4-Dichlorobenzene-d4 | 8.03      |
| Hit# of | 5                           | Tentative ID | MW MolForm             | CAS# Qual |
| 1       | Butane, 2-methoxy-2-methyl- | 102 C6H14O   | 000994-05-8            | 83        |
| 2       | Butane, 2-methoxy-2-methyl- | 102 C6H14O   | 000994-05-8            | 72        |
| 3       | 2,2,4-Trimethyl-3-pentanol  | 130 C8H18O   | 005162-48-1            | 43        |
| 4       | Pentane, 3-methoxy-         | 102 C6H14O   | 036839-67-5            | 23        |
| 5       | 1,3-Dioxolane, 2-methyl-    | 88 C4H8O2    | 000497-26-7            | 9         |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.15 | 7.7     | ng/ul | 145002   | 1                     | 8.03 | 374942 | 20.0 |