

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\  
 Data File : BG020193.D  
 Acq On : 15 Dec 2015 17:25  
 Operator : UM/SJ  
 Sample : G4786-05  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 G9BQ2

## 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-BG121415.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         | 3.122       | 44            | 48          | 58           | rBV      | 53377          | 97765         | 11.07%          | 1.285%        |
| 2         | 3.204       | 58            | 62          | 69           | rVB      | 35302          | 52085         | 5.90%           | 0.684%        |
| 3         | 7.247       | 744           | 750         | 758          | rVB      | 25677          | 41741         | 4.72%           | 0.548%        |
| 4         | 7.417       | 772           | 779         | 788          | rBV      | 76008          | 125921        | 14.25%          | 1.655%        |
| 5         | 7.623       | 808           | 814         | 821          | rBV      | 82731          | 138832        | 15.71%          | 1.824%        |
| 6         | 8.099       | 889           | 895         | 902          | rBV      | 75617          | 121305        | 13.73%          | 1.594%        |
| 7         | 8.798       | 1006          | 1014        | 1022         | rBV2     | 75151          | 127781        | 14.46%          | 1.679%        |
| 8         | 9.262       | 1086          | 1093        | 1104         | rBV      | 109368         | 185219        | 20.96%          | 2.434%        |
| 9         | 9.991       | 1210          | 1217        | 1227         | rBV      | 93690          | 164009        | 18.56%          | 2.155%        |
| 10        | 10.525      | 1301          | 1308        | 1318         | rVB      | 135187         | 240404        | 27.21%          | 3.159%        |
| 11        | 10.913      | 1367          | 1374        | 1382         | rBV      | 108279         | 192983        | 21.84%          | 2.536%        |
| 12        | 11.042      | 1391          | 1396        | 1404         | rVB      | 12916          | 22344         | 2.53%           | 0.294%        |
| 13        | 12.494      | 1638          | 1643        | 1648         | rBV5     | 1481           | 2891          | 0.33%           | 0.038%        |
| 14        | 14.127      | 1914          | 1921        | 1927         | rBV      | 313180         | 441069        | 49.92%          | 5.795%        |
| 15        | 14.421      | 1965          | 1971        | 1980         | rVB      | 333318         | 512236        | 57.98%          | 6.731%        |
| 16        | 14.726      | 2017          | 2023        | 2030         | rBV2     | 203378         | 319254        | 36.13%          | 4.195%        |
| 17        | 14.908      | 2047          | 2054        | 2061         | rBV      | 26772          | 43027         | 4.87%           | 0.565%        |
| 18        | 15.455      | 2143          | 2147        | 2149         | rVB2     | 1373           | 1909          | 0.22%           | 0.025%        |
| 19        | 15.484      | 2149          | 2152        | 2155         | rBV2     | 872            | 1200          | 0.14%           | 0.016%        |
| 20        | 15.719      | 2185          | 2192        | 2202         | rVB      | 446961         | 679583        | 76.92%          | 8.929%        |
| 21        | 15.825      | 2204          | 2210        | 2219         | rVB      | 144547         | 211492        | 23.94%          | 2.779%        |
| 22        | 15.954      | 2227          | 2232        | 2238         | rVB3     | 4171           | 5320          | 0.60%           | 0.070%        |
| 23        | 16.465      | 2313          | 2319        | 2324         | rVB      | 9341           | 13378         | 1.51%           | 0.176%        |
| 24        | 16.601      | 2337          | 2342        | 2344         | rBV3     | 1134           | 1587          | 0.18%           | 0.021%        |
| 25        | 16.665      | 2349          | 2353        | 2355         | rVB2     | 1148           | 1262          | 0.14%           | 0.017%        |
| 26        | 16.859      | 2382          | 2386        | 2389         | rBV4     | 1224           | 1461          | 0.17%           | 0.019%        |
| 27        | 16.924      | 2394          | 2397        | 2402         | rVB2     | 1511           | 2053          | 0.23%           | 0.027%        |
| 28        | 17.259      | 2450          | 2454        | 2458         | rBV2     | 984            | 1779          | 0.20%           | 0.023%        |
| 29        | 17.470      | 2483          | 2490        | 2497         | rBV      | 284824         | 422164        | 47.78%          | 5.547%        |
| 30        | 17.570      | 2500          | 2507        | 2516         | rBV      | 507429         | 757019        | 85.68%          | 9.947%        |
| 31        | 18.334      | 2633          | 2637        | 2642         | rBV5     | 3422           | 5068          | 0.57%           | 0.067%        |
| 32        | 18.422      | 2648          | 2652        | 2656         | rBV      | 1422           | 1955          | 0.22%           | 0.026%        |
| 33        | 19.150      | 2772          | 2776        | 2779         | rVB      | 3184           | 3889          | 0.44%           | 0.051%        |
| 34        | 19.485      | 2828          | 2833        | 2837         | rVB      | 4678           | 7273          | 0.82%           | 0.096%        |

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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-BG121415.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 35 | 19.609 | 2850 | 2854 | 2857 | rBV2 | 4496   | 5114   | 0.58%   | 0.067%  |
| 36 | 19.738 | 2871 | 2876 | 2878 | rBV  | 4138   | 5763   | 0.65%   | 0.076%  |
| 37 | 19.850 | 2889 | 2895 | 2901 | rBV  | 625864 | 883511 | 100.00% | 11.609% |
| 38 | 20.061 | 2928 | 2931 | 2934 | rBV3 | 2219   | 3213   | 0.36%   | 0.042%  |
| 39 | 20.743 | 3044 | 3047 | 3051 | rBV3 | 3897   | 4926   | 0.56%   | 0.065%  |
| 40 | 21.742 | 3210 | 3217 | 3226 | rBV  | 320599 | 502546 | 56.88%  | 6.603%  |
| 41 | 24.785 | 3725 | 3735 | 3748 | rVB  | 287437 | 781430 | 88.45%  | 10.268% |
| 42 | 25.014 | 3763 | 3774 | 3786 | rVB  | 168934 | 468106 | 52.98%  | 6.151%  |
| 43 | 25.308 | 3822 | 3824 | 3826 | rBV2 | 1982   | 2002   | 0.23%   | 0.026%  |
| 44 | 26.160 | 3966 | 3969 | 3970 | rBV3 | 3272   | 3375   | 0.38%   | 0.044%  |
| 45 | 32.000 | 4960 | 4963 | 4966 | rBV4 | 1984   | 3387   | 0.38%   | 0.045%  |

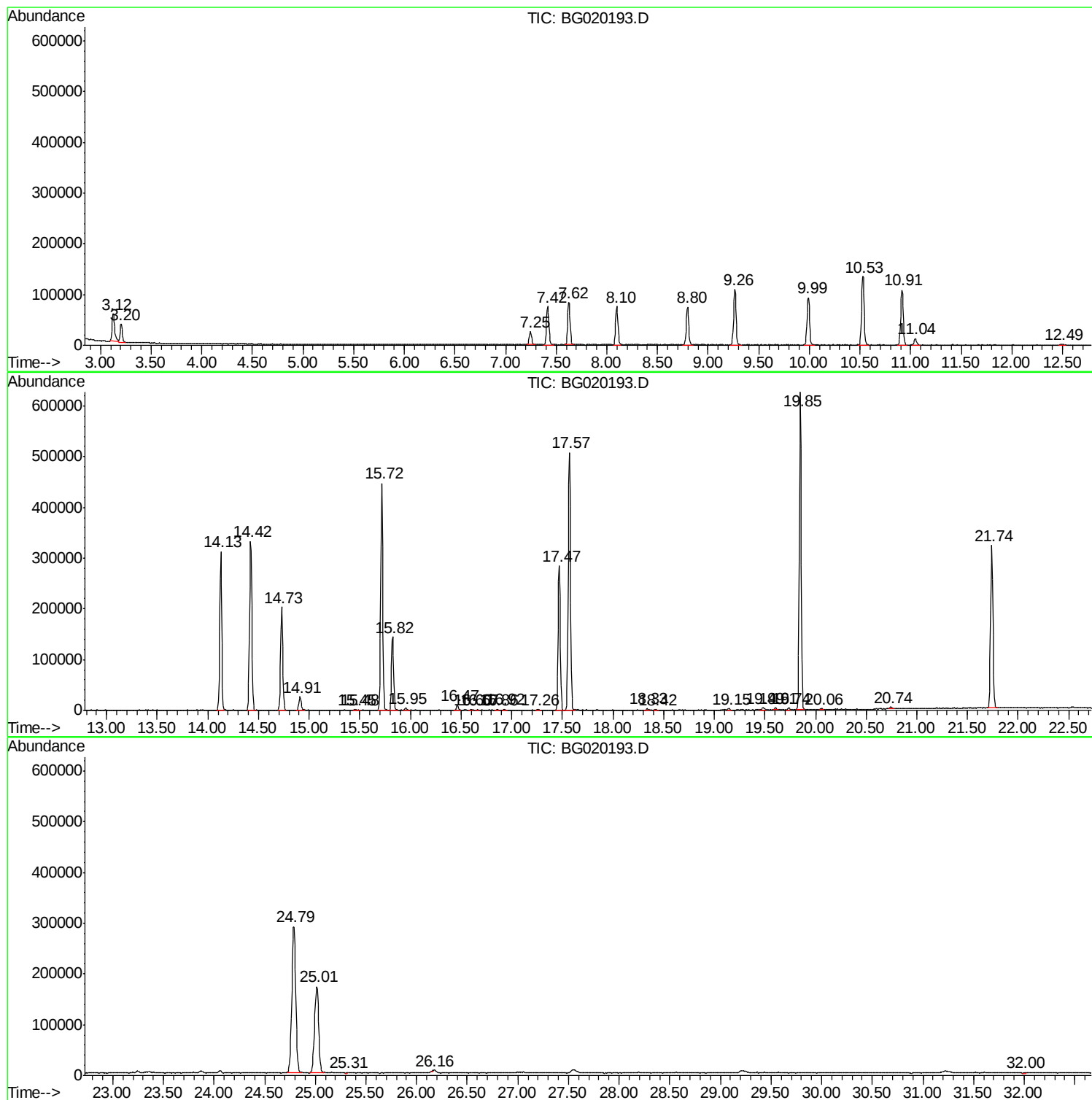
Sum of corrected areas: 7610631

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M  
Quant Title : SVOA CALIBRATION

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



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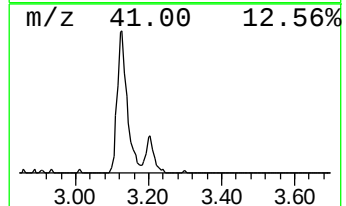
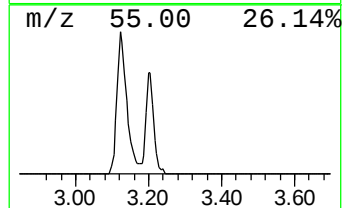
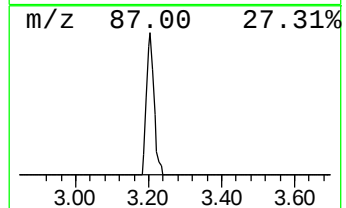
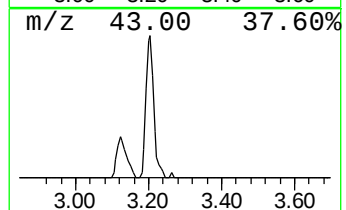
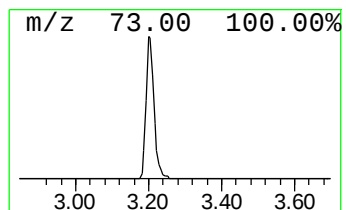
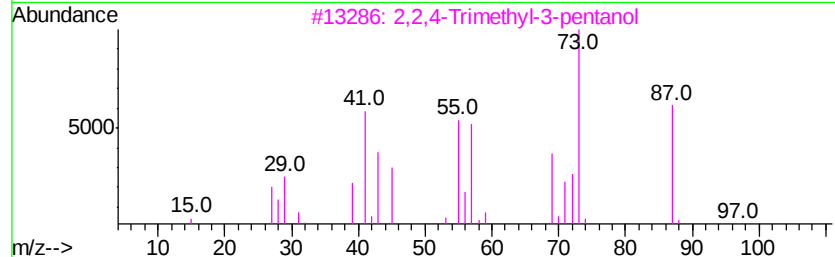
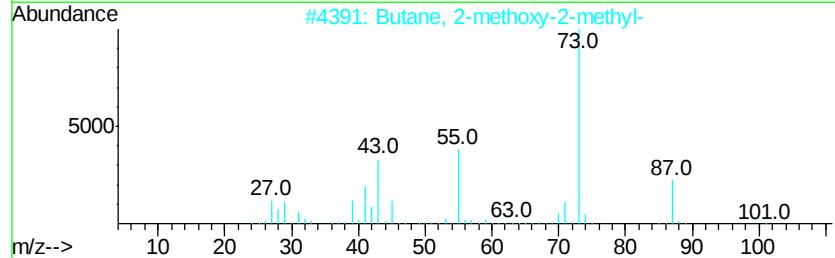
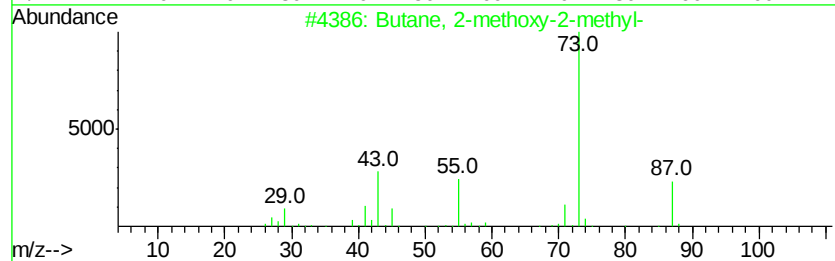
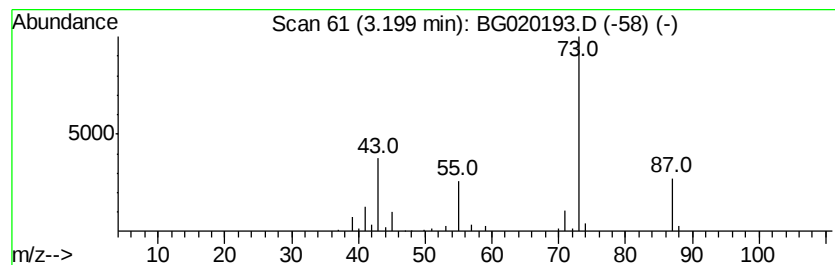
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Quant Title : SVOA CALIBRATION

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

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

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 3.20 | 8.59 ng/ul | 52085 | 1,4-Dichlorobenzene-d4 | 8.10 |

| 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 | 64   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 43   |
| 4    |    | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 16   |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.20 | 8.6     | ng/ul | 52085    | 1                     | 8.10 | 121305 | 20.0 |