

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\  
 Data File : BG019692.D  
 Acq On : 18 Nov 2015 13:15  
 Operator : UM/NP  
 Sample : G4374-15  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BC7G5

## 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-BG111615.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      | 3.084    | 37         | 42       | 51        | rBV   | 61212       | 102518     | 9.89%        | 1.059%     |
| 2      | 3.167    | 51         | 56       | 63        | rVB   | 84139       | 112049     | 10.81%       | 1.157%     |
| 3      | 5.194    | 397        | 401      | 406       | rVB3  | 2894        | 4753       | 0.46%        | 0.049%     |
| 4      | 6.275    | 581        | 585      | 589       | rVB2  | 1046        | 2030       | 0.20%        | 0.021%     |
| 5      | 6.322    | 589        | 593      | 598       | rBV   | 1040        | 2144       | 0.21%        | 0.022%     |
| 6      | 7.297    | 753        | 759      | 764       | rBV   | 26966       | 44279      | 4.27%        | 0.457%     |
| 7      | 7.461    | 781        | 787      | 797       | rVB   | 84656       | 132507     | 12.78%       | 1.368%     |
| 8      | 7.673    | 816        | 823      | 833       | rVB   | 86893       | 146996     | 14.18%       | 1.518%     |
| 9      | 8.149    | 897        | 904      | 910       | rBV   | 99289       | 161549     | 15.58%       | 1.668%     |
| 10     | 8.854    | 1016       | 1024     | 1033      | rVB   | 79835       | 134963     | 13.02%       | 1.394%     |
| 11     | 9.318    | 1096       | 1103     | 1112      | rBV   | 115012      | 202634     | 19.55%       | 2.093%     |
| 12     | 10.047   | 1217       | 1227     | 1237      | rBV2  | 104745      | 185759     | 17.92%       | 1.918%     |
| 13     | 10.593   | 1313       | 1320     | 1328      | rBV   | 150404      | 264704     | 25.54%       | 2.734%     |
| 14     | 10.975   | 1376       | 1385     | 1392      | rBV   | 144991      | 257180     | 24.81%       | 2.656%     |
| 15     | 11.104   | 1402       | 1407     | 1416      | rBV3  | 4934        | 9655       | 0.93%        | 0.100%     |
| 16     | 12.556   | 1646       | 1654     | 1656      | rBV3  | 2151        | 3619       | 0.35%        | 0.037%     |
| 17     | 13.666   | 1836       | 1843     | 1844      | rBV   | 1722        | 2044       | 0.20%        | 0.021%     |
| 18     | 14.177   | 1924       | 1930     | 1936      | rBV   | 341413      | 482184     | 46.51%       | 4.980%     |
| 19     | 14.477   | 1974       | 1981     | 1989      | rBV   | 337077      | 532467     | 51.37%       | 5.499%     |
| 20     | 14.782   | 2025       | 2033     | 2041      | rBV2  | 285108      | 458026     | 44.18%       | 4.730%     |
| 21     | 14.970   | 2060       | 2065     | 2074      | rBV   | 34752       | 54992      | 5.30%        | 0.568%     |
| 22     | 15.769   | 2194       | 2201     | 2208      | rBV   | 507939      | 732816     | 70.69%       | 7.568%     |
| 23     | 15.881   | 2214       | 2220     | 2228      | rBV2  | 164529      | 234475     | 22.62%       | 2.422%     |
| 24     | 16.010   | 2237       | 2242     | 2247      | rBV2  | 5248        | 6547       | 0.63%        | 0.068%     |
| 25     | 16.715   | 2360       | 2362     | 2367      | rVB   | 1431        | 1778       | 0.17%        | 0.018%     |
| 26     | 16.845   | 2381       | 2384     | 2391      | rVB   | 897         | 1482       | 0.14%        | 0.015%     |
| 27     | 17.315   | 2457       | 2464     | 2466      | rBV   | 2183        | 2988       | 0.29%        | 0.031%     |
| 28     | 17.520   | 2493       | 2499     | 2506      | rBV2  | 434630      | 653409     | 63.03%       | 6.748%     |
| 29     | 17.620   | 2510       | 2516     | 2524      | rVV2  | 556102      | 844215     | 81.44%       | 8.719%     |
| 30     | 18.901   | 2728       | 2734     | 2738      | rVB   | 972         | 2064       | 0.20%        | 0.021%     |
| 31     | 19.530   | 2837       | 2841     | 2845      | rBV2  | 6198        | 9454       | 0.91%        | 0.098%     |
| 32     | 19.788   | 2881       | 2885     | 2887      | rVB2  | 5055        | 5897       | 0.57%        | 0.061%     |
| 33     | 19.894   | 2897       | 2903     | 2910      | rVB   | 719931      | 1036629    | 100.00%      | 10.706%    |
| 34     | 19.941   | 2910       | 2911     | 2914      | rBV2  | 1663        | 1723       | 0.17%        | 0.018%     |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 20.111 | 2937 | 2940 | 2944 | rBV3 | 2390   | 3193   | 0.31%  | 0.033%  |
| 36 | 20.335 | 2976 | 2978 | 2982 | rBV4 | 1530   | 1670   | 0.16%  | 0.017%  |
| 37 | 20.411 | 2990 | 2991 | 2994 | rBV2 | 1921   | 2084   | 0.20%  | 0.022%  |
| 38 | 20.487 | 2997 | 3004 | 3007 | rBV5 | 4055   | 9194   | 0.89%  | 0.095%  |
| 39 | 20.670 | 3034 | 3035 | 3038 | rBV3 | 2370   | 1896   | 0.18%  | 0.020%  |
| 40 | 20.705 | 3039 | 3041 | 3044 | rVV3 | 2494   | 2854   | 0.28%  | 0.029%  |
| 41 | 20.752 | 3047 | 3049 | 3053 | rVV3 | 1825   | 1526   | 0.15%  | 0.016%  |
| 42 | 20.863 | 3067 | 3068 | 3071 | rBV3 | 1644   | 1771   | 0.17%  | 0.018%  |
| 43 | 21.081 | 3101 | 3105 | 3106 | rBV3 | 2148   | 1990   | 0.19%  | 0.021%  |
| 44 | 21.645 | 3199 | 3201 | 3203 | rBV3 | 2246   | 1417   | 0.14%  | 0.015%  |
| 45 | 21.792 | 3219 | 3226 | 3233 | rVB  | 553060 | 898769 | 86.70% | 9.282%  |
| 46 | 23.284 | 3476 | 3480 | 3485 | rVB8 | 5841   | 9828   | 0.95%  | 0.102%  |
| 47 | 23.560 | 3525 | 3527 | 3529 | rBV3 | 2531   | 1485   | 0.14%  | 0.015%  |
| 48 | 24.107 | 3614 | 3620 | 3628 | rBV9 | 8003   | 21333  | 2.06%  | 0.220%  |
| 49 | 24.882 | 3740 | 3752 | 3762 | rBV  | 357790 | 995135 | 96.00% | 10.277% |
| 50 | 25.111 | 3780 | 3791 | 3805 | rBV3 | 285050 | 853064 | 82.29% | 8.810%  |
| 51 | 26.251 | 3979 | 3985 | 3996 | rVB8 | 10100  | 31826  | 3.07%  | 0.329%  |
| 52 | 26.933 | 4099 | 4101 | 4104 | rVB3 | 2623   | 1785   | 0.17%  | 0.018%  |
| 53 | 27.250 | 4153 | 4155 | 4156 | rBV3 | 2747   | 2144   | 0.21%  | 0.022%  |
| 54 | 27.614 | 4214 | 4217 | 4218 | rBV3 | 3412   | 4088   | 0.39%  | 0.042%  |
| 55 | 28.842 | 4424 | 4426 | 4427 | rBV2 | 2790   | 1708   | 0.16%  | 0.018%  |
| 56 | 31.269 | 4837 | 4839 | 4840 | rBV2 | 2237   | 1701   | 0.16%  | 0.018%  |
| 57 | 32.479 | 5043 | 5045 | 5048 | rBV2 | 2057   | 1673   | 0.16%  | 0.017%  |

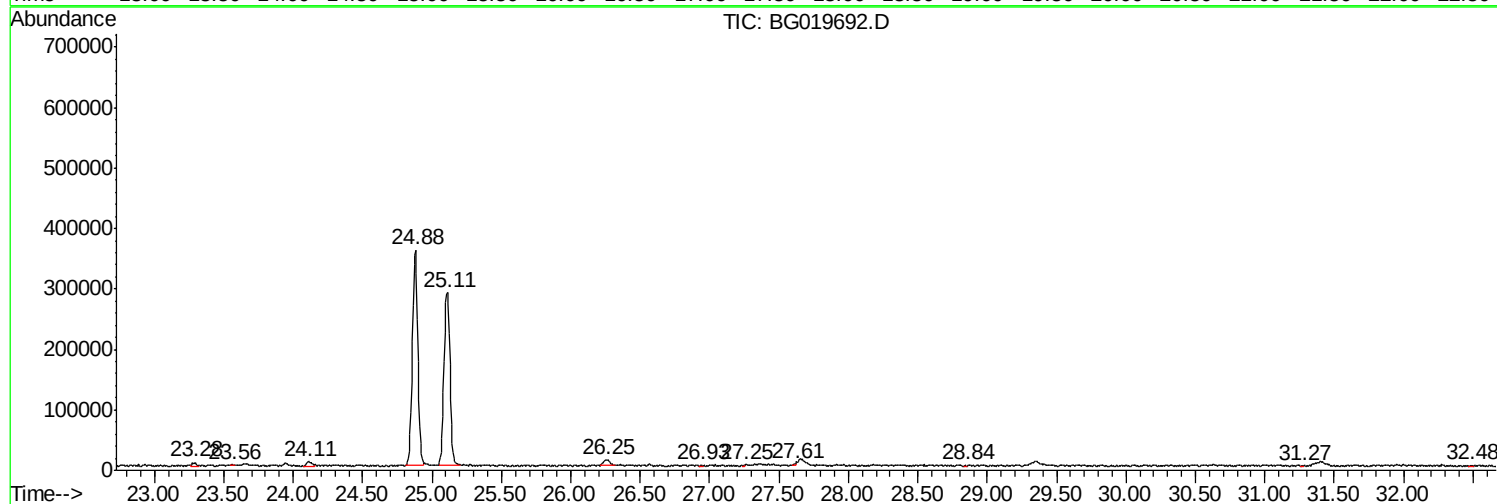
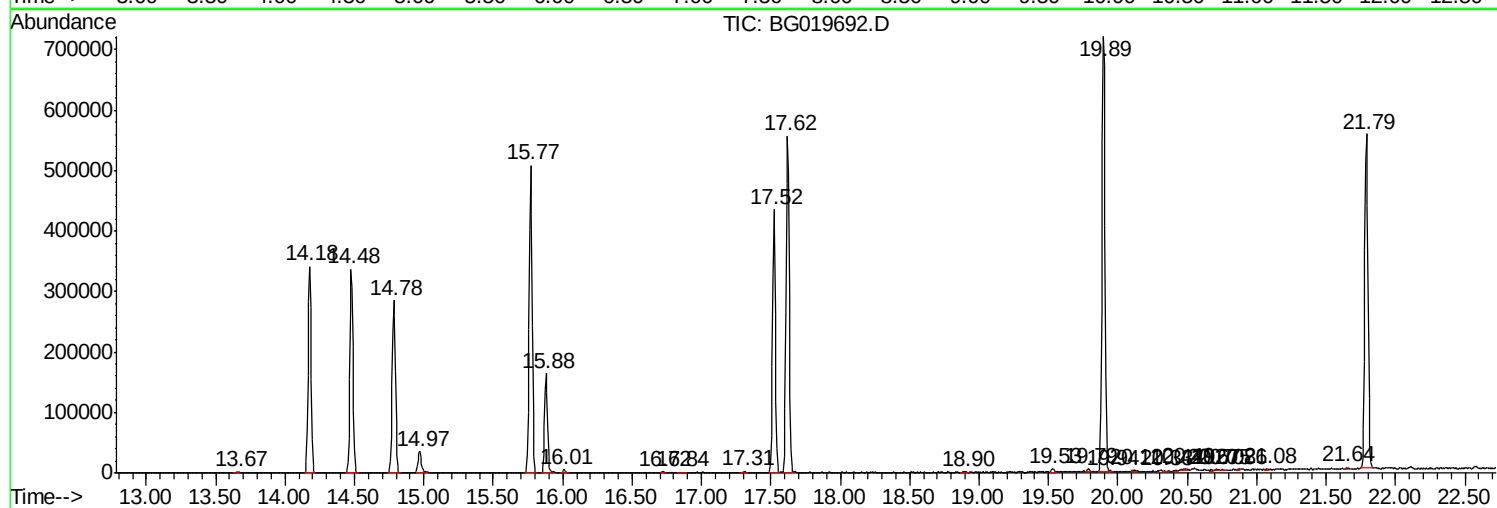
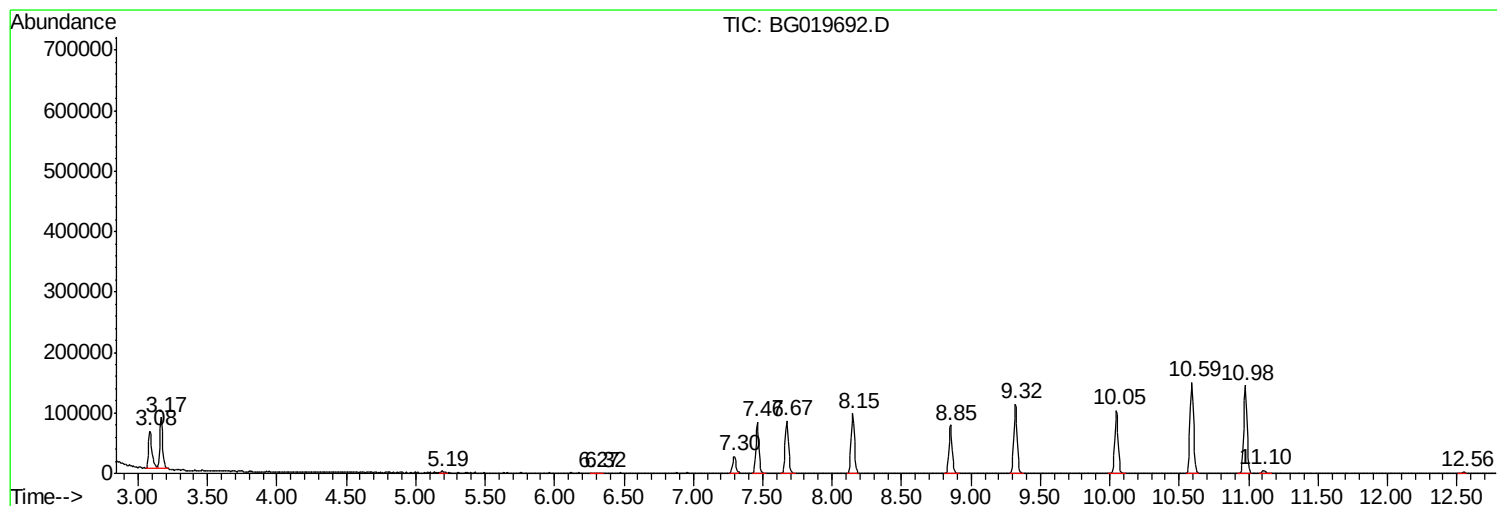
Sum of corrected areas: 9682663

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M  
Quant Title : SVOA CALIBRATION

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



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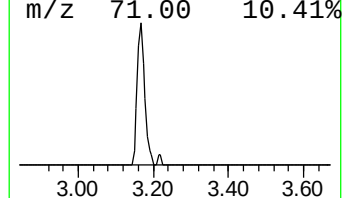
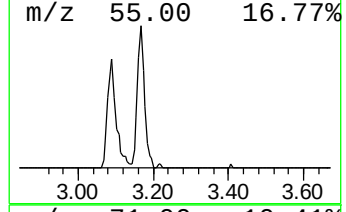
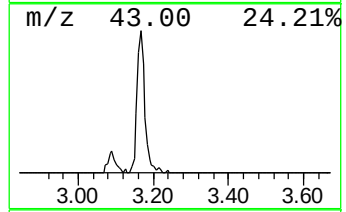
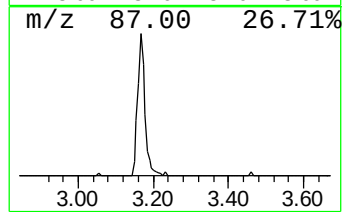
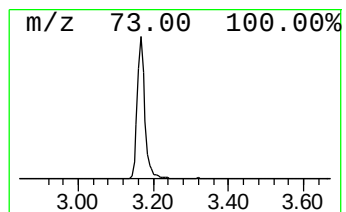
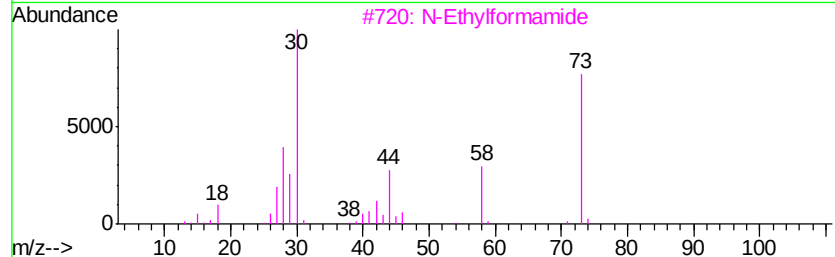
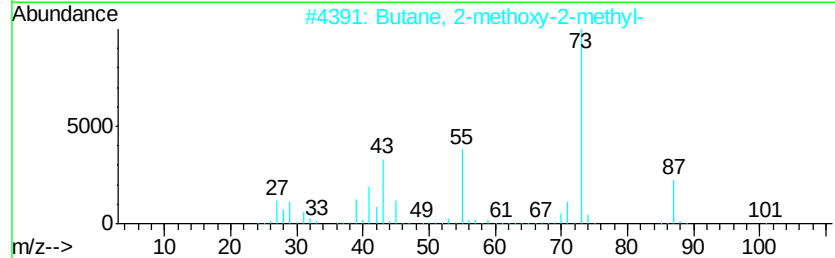
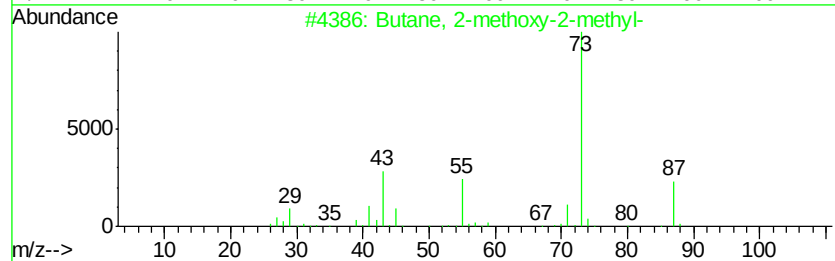
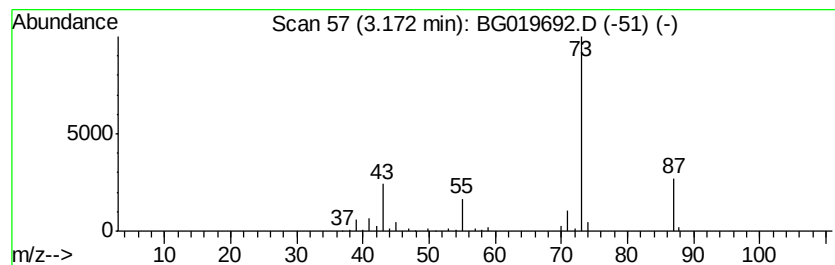
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Quant Title : SVOA CALIBRATION

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 1

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.17 | 13.87 ng/ul | 112049 | 1,4-Dichlorobenzene-d4 | 8.15 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl-         | 102 | C6H14O  | 000994-05-8  | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl-         | 102 | C6H14O  | 000994-05-8  | 64   |
| 3    |    | N-Ethylformamide                    | 73  | C3H7NO  | 000627-45-2  | 9    |
| 4    |    | Pentane, 3-methoxy-                 | 102 | C6H14O  | 036839-67-5  | 9    |
| 5    |    | Acetic acid, 3-[1,3]dioxolan-2-y... | 174 | C8H14O4 | 1000186-02-3 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 3.17 | 13.9    | ng/ul | 112049   | 1                     | 8.15 | 161549 | 20.0 |