

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032116\  
 Data File : BG021449.D  
 Acq On : 21 Mar 2016 18:27  
 Operator : UM/SJ  
 Sample : H1835-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4T11

## 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-BG031616.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         | 3.660       | 138           | 140         | 142          | rVB2     | 806            | 485           | 0.14%           | 0.016%        |
| 2         | 3.801       | 163           | 164         | 170          | rVB4     | 586            | 563           | 0.16%           | 0.019%        |
| 3         | 3.942       | 184           | 188         | 189          | rBV2     | 496            | 514           | 0.15%           | 0.017%        |
| 4         | 4.153       | 222           | 224         | 225          | rBV2     | 414            | 384           | 0.11%           | 0.013%        |
| 5         | 4.629       | 304           | 305         | 309          | rVB      | 365            | 376           | 0.11%           | 0.013%        |
| 6         | 4.746       | 323           | 325         | 328          | rVB      | 363            | 422           | 0.12%           | 0.014%        |
| 7         | 4.770       | 328           | 329         | 332          | rBV      | 448            | 366           | 0.11%           | 0.012%        |
| 8         | 4.876       | 344           | 347         | 348          | rVB      | 508            | 489           | 0.14%           | 0.016%        |
| 9         | 4.981       | 362           | 365         | 367          | rVV      | 377            | 434           | 0.13%           | 0.015%        |
| 10        | 5.034       | 370           | 374         | 377          | rBV2     | 423            | 549           | 0.16%           | 0.018%        |
| 11        | 5.075       | 377           | 381         | 382          | rBV2     | 313            | 407           | 0.12%           | 0.014%        |
| 12        | 5.469       | 447           | 448         | 453          | rVB2     | 380            | 413           | 0.12%           | 0.014%        |
| 13        | 5.610       | 471           | 472         | 477          | rVB2     | 366            | 512           | 0.15%           | 0.017%        |
| 14        | 5.669       | 477           | 482         | 484          | rBV2     | 346            | 466           | 0.13%           | 0.016%        |
| 15        | 5.769       | 497           | 499         | 503          | rVV      | 292            | 382           | 0.11%           | 0.013%        |
| 16        | 5.857       | 509           | 514         | 515          | rBV2     | 632            | 695           | 0.20%           | 0.023%        |
| 17        | 5.898       | 518           | 521         | 522          | rVB2     | 467            | 385           | 0.11%           | 0.013%        |
| 18        | 5.939       | 525           | 528         | 530          | rBV2     | 364            | 394           | 0.11%           | 0.013%        |
| 19        | 5.986       | 532           | 536         | 537          | rVB      | 451            | 526           | 0.15%           | 0.018%        |
| 20        | 6.010       | 537           | 540         | 541          | rBV      | 402            | 409           | 0.12%           | 0.014%        |
| 21        | 6.309       | 587           | 591         | 595          | rVV2     | 462            | 800           | 0.23%           | 0.027%        |
| 22        | 6.679       | 649           | 654         | 657          | rBV2     | 565            | 1032          | 0.30%           | 0.035%        |
| 23        | 6.809       | 672           | 676         | 679          | rBV2     | 685            | 1083          | 0.31%           | 0.036%        |
| 24        | 7.191       | 739           | 741         | 745          | rBV      | 374            | 611           | 0.18%           | 0.021%        |
| 25        | 7.261       | 751           | 753         | 756          | rBV      | 375            | 456           | 0.13%           | 0.015%        |
| 26        | 7.343       | 762           | 767         | 771          | rBV      | 6899           | 10371         | 2.99%           | 0.349%        |
| 27        | 7.396       | 771           | 776         | 783          | rVB      | 23553          | 39601         | 11.42%          | 1.332%        |
| 28        | 7.573       | 803           | 806         | 809          | rBV      | 441            | 617           | 0.18%           | 0.021%        |
| 29        | 7.649       | 812           | 819         | 826          | rVB2     | 25008          | 42573         | 12.28%          | 1.432%        |
| 30        | 8.072       | 886           | 891         | 897          | rVV      | 33963          | 55571         | 16.03%          | 1.869%        |
| 31        | 8.125       | 897           | 900         | 901          | rVV2     | 383            | 465           | 0.13%           | 0.016%        |
| 32        | 8.231       | 915           | 918         | 921          | rBB      | 373            | 490           | 0.14%           | 0.016%        |
| 33        | 8.454       | 953           | 956         | 959          | rBB      | 318            | 394           | 0.11%           | 0.013%        |
| 34        | 8.853       | 1018          | 1024        | 1034         | rBB      | 22125          | 37278         | 10.75%          | 1.254%        |

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Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG031616.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 8.936  | 1036 | 1038 | 1041 | rBV  | 368    | 501    | 0.14%  | 0.017% |
| 36 | 9.247  | 1084 | 1091 | 1098 | rVB2 | 34276  | 61259  | 17.67% | 2.061% |
| 37 | 9.964  | 1206 | 1213 | 1220 | rBB2 | 32088  | 55129  | 15.90% | 1.854% |
| 38 | 10.575 | 1311 | 1317 | 1327 | rBB  | 41309  | 73966  | 21.34% | 2.488% |
| 39 | 10.880 | 1362 | 1369 | 1377 | rBV  | 52025  | 92655  | 26.73% | 3.117% |
| 40 | 11.021 | 1391 | 1393 | 1395 | rBV  | 559    | 500    | 0.14%  | 0.017% |
| 41 | 12.455 | 1635 | 1637 | 1638 | rBV  | 749    | 405    | 0.12%  | 0.014% |
| 42 | 14.088 | 1909 | 1915 | 1923 | rVB  | 120473 | 169877 | 49.01% | 5.714% |
| 43 | 14.382 | 1959 | 1965 | 1973 | rBV  | 111644 | 174608 | 50.37% | 5.874% |
| 44 | 14.688 | 2011 | 2017 | 2025 | rBB2 | 93136  | 147394 | 42.52% | 4.958% |
| 45 | 15.093 | 2080 | 2086 | 2092 | rBV2 | 5299   | 9063   | 2.61%  | 0.305% |
| 46 | 15.134 | 2092 | 2093 | 2096 | rVB  | 933    | 604    | 0.17%  | 0.020% |
| 47 | 15.487 | 2149 | 2153 | 2156 | rBB  | 744    | 870    | 0.25%  | 0.029% |
| 48 | 15.675 | 2179 | 2185 | 2192 | rBV  | 166326 | 238704 | 68.87% | 8.030% |
| 49 | 15.798 | 2201 | 2206 | 2216 | rBV2 | 45492  | 69493  | 20.05% | 2.338% |
| 50 | 15.875 | 2216 | 2219 | 2222 | rVB  | 492    | 525    | 0.15%  | 0.018% |
| 51 | 15.910 | 2223 | 2225 | 2230 | rBB2 | 867    | 1145   | 0.33%  | 0.039% |
| 52 | 17.208 | 2444 | 2446 | 2448 | rBB  | 546    | 491    | 0.14%  | 0.017% |
| 53 | 17.426 | 2477 | 2483 | 2489 | rBV2 | 131477 | 195134 | 56.30% | 6.564% |
| 54 | 17.526 | 2494 | 2500 | 2510 | rVB  | 189281 | 284263 | 82.01% | 9.562% |
| 55 | 17.761 | 2538 | 2540 | 2541 | rBV  | 503    | 367    | 0.11%  | 0.012% |
| 56 | 17.814 | 2545 | 2549 | 2550 | rBV  | 349    | 381    | 0.11%  | 0.013% |
| 57 | 17.825 | 2550 | 2551 | 2556 | rVB  | 548    | 615    | 0.18%  | 0.021% |
| 58 | 17.878 | 2557 | 2560 | 2562 | rBB  | 529    | 375    | 0.11%  | 0.013% |
| 59 | 18.019 | 2582 | 2584 | 2586 | rVV  | 517    | 501    | 0.14%  | 0.017% |
| 60 | 18.049 | 2586 | 2589 | 2594 | rVB  | 576    | 909    | 0.26%  | 0.031% |
| 61 | 18.148 | 2604 | 2606 | 2609 | rBV  | 738    | 839    | 0.24%  | 0.028% |
| 62 | 18.172 | 2609 | 2610 | 2613 | rVV  | 441    | 521    | 0.15%  | 0.018% |
| 63 | 18.219 | 2615 | 2618 | 2620 | rVB2 | 518    | 529    | 0.15%  | 0.018% |
| 64 | 18.366 | 2641 | 2643 | 2645 | rVB  | 658    | 481    | 0.14%  | 0.016% |
| 65 | 18.436 | 2654 | 2655 | 2657 | rBV  | 500    | 415    | 0.12%  | 0.014% |
| 66 | 18.472 | 2659 | 2661 | 2666 | rBV2 | 398    | 667    | 0.19%  | 0.022% |
| 67 | 18.519 | 2668 | 2669 | 2673 | rVB  | 534    | 426    | 0.12%  | 0.014% |
| 68 | 18.571 | 2676 | 2678 | 2681 | rBV  | 466    | 507    | 0.15%  | 0.017% |
| 69 | 18.654 | 2689 | 2692 | 2694 | rBV2 | 515    | 511    | 0.15%  | 0.017% |
| 70 | 18.695 | 2697 | 2699 | 2701 | rBV  | 433    | 380    | 0.11%  | 0.013% |
| 71 | 18.853 | 2723 | 2726 | 2728 | rBV  | 334    | 376    | 0.11%  | 0.013% |

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 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG031616.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |        |         |         |
|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 72  | 18.895 | 2731 | 2733 | 2737 | rVB2 | 449    | 372    | 0.11%   | 0.013%  |
| 73  | 19.006 | 2749 | 2752 | 2754 | rVV2 | 472    | 403    | 0.12%   | 0.014%  |
| 74  | 19.036 | 2754 | 2757 | 2761 | rVV2 | 378    | 515    | 0.15%   | 0.017%  |
| 75  | 19.065 | 2761 | 2762 | 2767 | rBV  | 380    | 393    | 0.11%   | 0.013%  |
| 76  | 19.159 | 2776 | 2778 | 2779 | rBV  | 601    | 393    | 0.11%   | 0.013%  |
| 77  | 19.194 | 2782 | 2784 | 2787 | rVB  | 740    | 478    | 0.14%   | 0.016%  |
| 78  | 19.247 | 2790 | 2793 | 2795 | rBV3 | 507    | 635    | 0.18%   | 0.021%  |
| 79  | 19.318 | 2804 | 2805 | 2808 | rBV  | 1038   | 799    | 0.23%   | 0.027%  |
| 80  | 19.429 | 2820 | 2824 | 2825 | rBV  | 2068   | 2298   | 0.66%   | 0.077%  |
| 81  | 19.529 | 2839 | 2841 | 2845 | rBV4 | 912    | 1283   | 0.37%   | 0.043%  |
| 82  | 19.623 | 2855 | 2857 | 2861 | rVB3 | 474    | 676    | 0.20%   | 0.023%  |
| 83  | 19.664 | 2861 | 2864 | 2865 | rBV2 | 837    | 878    | 0.25%   | 0.030%  |
| 84  | 19.694 | 2865 | 2869 | 2871 | rVV  | 1536   | 1680   | 0.48%   | 0.057%  |
| 85  | 19.717 | 2871 | 2873 | 2876 | rVB2 | 659    | 462    | 0.13%   | 0.016%  |
| 86  | 19.799 | 2881 | 2887 | 2895 | rBV  | 236527 | 346622 | 100.00% | 11.660% |
| 87  | 19.876 | 2898 | 2900 | 2902 | rBV3 | 1076   | 1019   | 0.29%   | 0.034%  |
| 88  | 19.946 | 2911 | 2912 | 2913 | rBV  | 635    | 406    | 0.12%   | 0.014%  |
| 89  | 20.023 | 2924 | 2925 | 2928 | rBV3 | 938    | 789    | 0.23%   | 0.027%  |
| 90  | 20.052 | 2928 | 2930 | 2933 | rVB2 | 543    | 475    | 0.14%   | 0.016%  |
| 91  | 20.164 | 2947 | 2949 | 2950 | rVB2 | 1308   | 748    | 0.22%   | 0.025%  |
| 92  | 20.181 | 2950 | 2952 | 2954 | rBV3 | 1073   | 1387   | 0.40%   | 0.047%  |
| 93  | 20.217 | 2956 | 2958 | 2959 | rBV2 | 893    | 567    | 0.16%   | 0.019%  |
| 94  | 20.281 | 2967 | 2969 | 2971 | rBV3 | 962    | 1012   | 0.29%   | 0.034%  |
| 95  | 20.369 | 2982 | 2984 | 2987 | rBV4 | 816    | 835    | 0.24%   | 0.028%  |
| 96  | 20.704 | 3038 | 3041 | 3044 | rBV4 | 1951   | 2199   | 0.63%   | 0.074%  |
| 97  | 20.892 | 3071 | 3073 | 3074 | rBV2 | 1494   | 1222   | 0.35%   | 0.041%  |
| 98  | 21.680 | 3201 | 3207 | 3214 | rBV  | 145460 | 249246 | 71.91%  | 8.384%  |
| 99  | 24.682 | 3709 | 3718 | 3728 | rVB  | 125457 | 339880 | 98.05%  | 11.433% |
| 100 | 24.899 | 3747 | 3755 | 3768 | rVB2 | 82090  | 229178 | 66.12%  | 7.709%  |

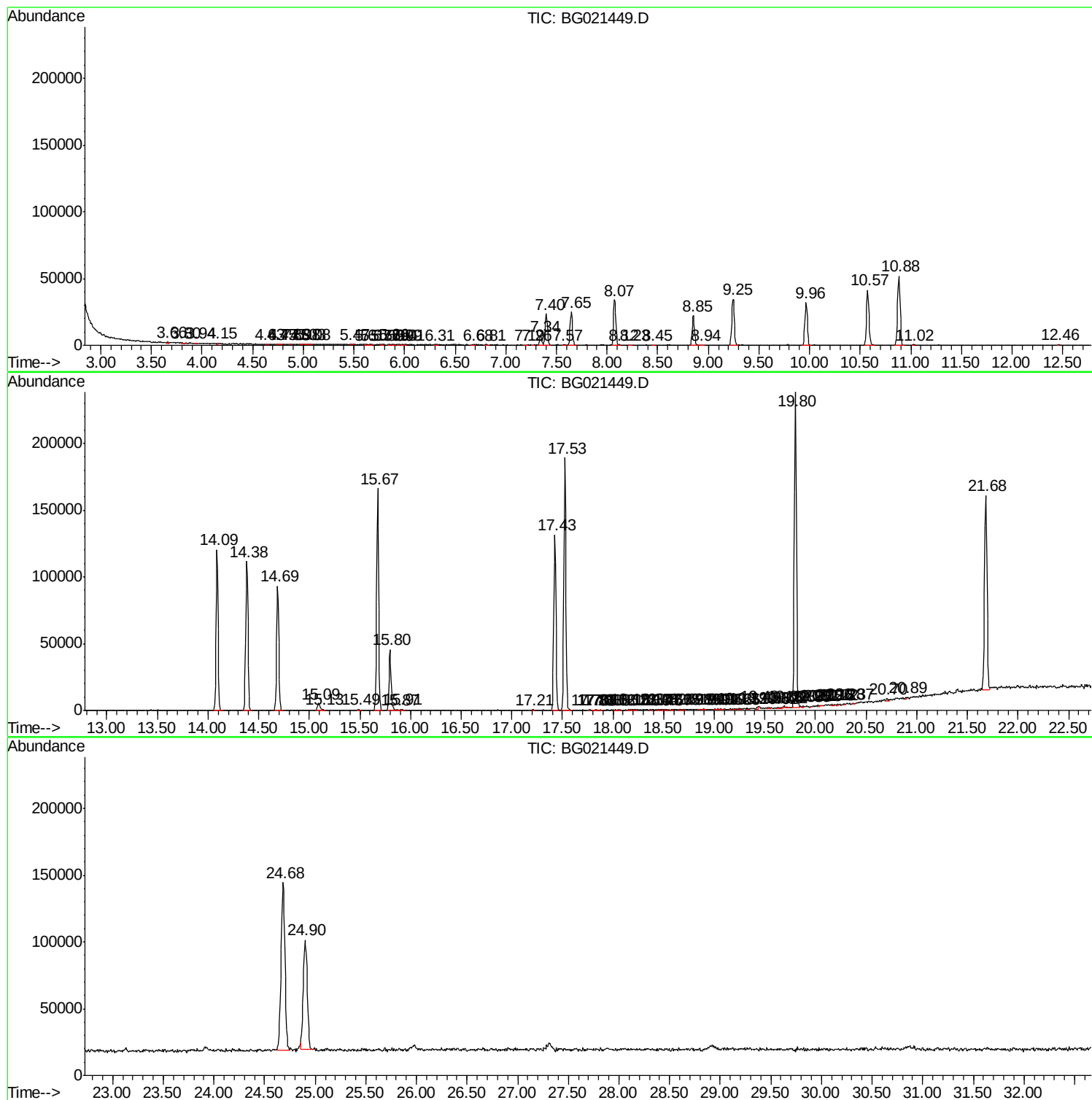
Sum of corrected areas: 2972749

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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG031616.M  
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG031616.M  
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TIC Library : C:\DATABASE\NIST02.L  
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No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |