

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012924\  
 Data File : BG060472.D  
 Acq On : 29 Jan 2024 21:41  
 Operator : MA/JU  
 Sample : P1239-17  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0FC7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG060472.D\data.ms

| 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         | 3.366       | 43            | 47          | 53           | rBV2     | 27847          | 39876         | 0.54%           | 0.069%        |
| 2         | 3.777       | 113           | 117         | 132          | rBV      | 160963         | 289601        | 3.95%           | 0.501%        |
| 3         | 4.112       | 169           | 174         | 178          | rVV4     | 10883          | 18311         | 0.25%           | 0.032%        |
| 4         | 7.091       | 675           | 681         | 694          | rBV      | 108245         | 203529        | 2.78%           | 0.352%        |
| 5         | 7.249       | 702           | 708         | 720          | rBV      | 497127         | 846434        | 11.55%          | 1.463%        |
| 6         | 7.455       | 736           | 743         | 752          | rBV      | 418548         | 725336        | 9.90%           | 1.254%        |
| 7         | 7.925       | 816           | 823         | 835          | rBV      | 516458         | 936726        | 12.78%          | 1.619%        |
| 8         | 8.002       | 835           | 836         | 844          | rVV7     | 8682           | 13521         | 0.18%           | 0.023%        |
| 9         | 8.630       | 935           | 943         | 956          | rBV2     | 375674         | 722014        | 9.85%           | 1.248%        |
| 10        | 8.718       | 956           | 958         | 963          | rVB4     | 5914           | 8842          | 0.12%           | 0.015%        |
| 11        | 9.083       | 1013          | 1020        | 1039         | rBV      | 581204         | 1080002       | 14.74%          | 1.867%        |
| 12        | 9.241       | 1042          | 1047        | 1054         | rVB10    | 9586           | 22151         | 0.30%           | 0.038%        |
| 13        | 9.488       | 1087          | 1089        | 1095         | rVB5     | 8020           | 10803         | 0.15%           | 0.019%        |
| 14        | 9.805       | 1136          | 1143        | 1155         | rBV      | 470062         | 858776        | 11.72%          | 1.485%        |
| 15        | 9.999       | 1170          | 1176        | 1179         | rVB7     | 9064           | 15579         | 0.21%           | 0.027%        |
| 16        | 10.346      | 1225          | 1235        | 1251         | rBV      | 758397         | 1474946       | 20.13%          | 2.550%        |
| 17        | 10.728      | 1290          | 1300        | 1314         | rBV      | 931358         | 1717931       | 23.44%          | 2.970%        |
| 18        | 10.863      | 1316          | 1323        | 1342         | rVV      | 733177         | 1432503       | 19.55%          | 2.476%        |
| 19        | 12.320      | 1566          | 1571        | 1575         | rVB3     | 14314          | 23792         | 0.32%           | 0.041%        |
| 20        | 12.972      | 1679          | 1682        | 1689         | rVB5     | 10715          | 18568         | 0.25%           | 0.032%        |
| 21        | 13.448      | 1759          | 1763        | 1767         | rBV5     | 20056          | 30763         | 0.42%           | 0.053%        |
| 22        | 13.965      | 1843          | 1851        | 1865         | rBV      | 1946306        | 2783827       | 37.99%          | 4.812%        |
| 23        | 14.253      | 1893          | 1900        | 1911         | rBV      | 2100103        | 3357451       | 45.82%          | 5.804%        |
| 24        | 14.564      | 1944          | 1953        | 1961         | rBV      | 1590489        | 2566182       | 35.02%          | 4.436%        |
| 25        | 14.776      | 1983          | 1989        | 1991         | rBV4     | 33934          | 53762         | 0.73%           | 0.093%        |
| 26        | 15.076      | 2038          | 2040        | 2046         | rBV6     | 7758           | 11635         | 0.16%           | 0.020%        |
| 27        | 15.205      | 2060          | 2062        | 2069         | rVV4     | 16164          | 24052         | 0.33%           | 0.042%        |
| 28        | 15.299      | 2073          | 2078        | 2085         | rVB2     | 17349          | 29415         | 0.40%           | 0.051%        |
| 29        | 15.557      | 2115          | 2122        | 2136         | rBV      | 3111682        | 4809520       | 65.63%          | 8.314%        |
| 30        | 15.669      | 2136          | 2141        | 2147         | rVV2     | 72295          | 111076        | 1.52%           | 0.192%        |
| 31        | 15.792      | 2159          | 2162        | 2169         | rBV8     | 13778          | 26714         | 0.36%           | 0.046%        |
| 32        | 16.345      | 2250          | 2256        | 2258         | rBV5     | 11887          | 21329         | 0.29%           | 0.037%        |
| 33        | 16.650      | 2302          | 2308        | 2311         | rBV7     | 8385           | 15036         | 0.21%           | 0.026%        |
| 34        | 16.909      | 2349          | 2352        | 2358         | rVB8     | 6837           | 11973         | 0.16%           | 0.021%        |
| 35        | 17.097      | 2382          | 2384        | 2385         | rBV2     | 11376          | 7460          | 0.10%           | 0.013%        |
| 36        | 17.114      | 2385          | 2387        | 2391         | rVB5     | 12926          | 12426         | 0.17%           | 0.021%        |

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Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 17.308 | 2413 | 2420 | 2430 | rBV  | 2200382 | 3356817 | 45.81%  | 5.803%  |
| 38 | 17.408 | 2430 | 2437 | 2449 | rVV2 | 3692249 | 5659890 | 77.24%  | 9.784%  |
| 39 | 17.802 | 2500 | 2504 | 2507 | rBV5 | 4923    | 9241    | 0.13%   | 0.016%  |
| 40 | 17.966 | 2530 | 2532 | 2537 | rVB5 | 11338   | 12397   | 0.17%   | 0.021%  |
| 41 | 18.195 | 2567 | 2571 | 2572 | rBV3 | 11634   | 14670   | 0.20%   | 0.025%  |
| 42 | 18.266 | 2582 | 2583 | 2587 | rVB4 | 14513   | 14995   | 0.20%   | 0.026%  |
| 43 | 18.554 | 2628 | 2632 | 2634 | rBV5 | 7741    | 10304   | 0.14%   | 0.018%  |
| 44 | 19.265 | 2748 | 2753 | 2760 | rBV  | 61455   | 107464  | 1.47%   | 0.186%  |
| 45 | 19.335 | 2760 | 2765 | 2769 | rVV2 | 50610   | 80435   | 1.10%   | 0.139%  |
| 46 | 19.382 | 2769 | 2773 | 2775 | rVB5 | 10121   | 11498   | 0.16%   | 0.020%  |
| 47 | 19.470 | 2786 | 2788 | 2791 | rBV4 | 9739    | 13519   | 0.18%   | 0.023%  |
| 48 | 19.564 | 2800 | 2804 | 2805 | rBV3 | 14370   | 16033   | 0.22%   | 0.028%  |
| 49 | 19.617 | 2809 | 2813 | 2815 | rVB4 | 20294   | 25602   | 0.35%   | 0.044%  |
| 50 | 19.700 | 2821 | 2827 | 2841 | rBV  | 4889278 | 7180142 | 97.98%  | 12.412% |
| 51 | 20.499 | 2960 | 2963 | 2966 | rBV5 | 11716   | 15679   | 0.21%   | 0.027%  |
| 52 | 20.657 | 2988 | 2990 | 2994 | rVB5 | 19864   | 17176   | 0.23%   | 0.030%  |
| 53 | 20.722 | 2998 | 3001 | 3006 | rVV6 | 35876   | 36356   | 0.50%   | 0.063%  |
| 54 | 21.215 | 3081 | 3085 | 3091 | rBV2 | 126433  | 177062  | 2.42%   | 0.306%  |
| 55 | 21.456 | 3123 | 3126 | 3131 | rVB3 | 42966   | 54130   | 0.74%   | 0.094%  |
| 56 | 21.574 | 3139 | 3146 | 3153 | rBV2 | 2317560 | 3836345 | 52.35%  | 6.632%  |
| 57 | 21.750 | 3173 | 3176 | 3182 | rBV6 | 44773   | 69251   | 0.95%   | 0.120%  |
| 58 | 22.349 | 3275 | 3278 | 3281 | rVB3 | 44807   | 56259   | 0.77%   | 0.097%  |
| 59 | 23.025 | 3388 | 3393 | 3400 | rVB3 | 71290   | 141710  | 1.93%   | 0.245%  |
| 60 | 23.807 | 3522 | 3526 | 3533 | rVB2 | 76023   | 148598  | 2.03%   | 0.257%  |
| 61 | 24.517 | 3636 | 3647 | 3662 | rBV2 | 2650172 | 7327807 | 100.00% | 12.668% |
| 62 | 24.735 | 3673 | 3684 | 3697 | rBV  | 1524754 | 4249906 | 58.00%  | 7.347%  |
| 63 | 25.845 | 3867 | 3873 | 3881 | rVB3 | 90649   | 234761  | 3.20%   | 0.406%  |
| 64 | 30.416 | 4649 | 4651 | 4653 | rBV3 | 14465   | 12514   | 0.17%   | 0.022%  |
| 65 | 31.268 | 4784 | 4796 | 4809 | rVB4 | 126263  | 615977  | 8.41%   | 1.065%  |
| 66 | 32.244 | 4960 | 4962 | 4963 | rBV2 | 13866   | 8690    | 0.12%   | 0.015%  |

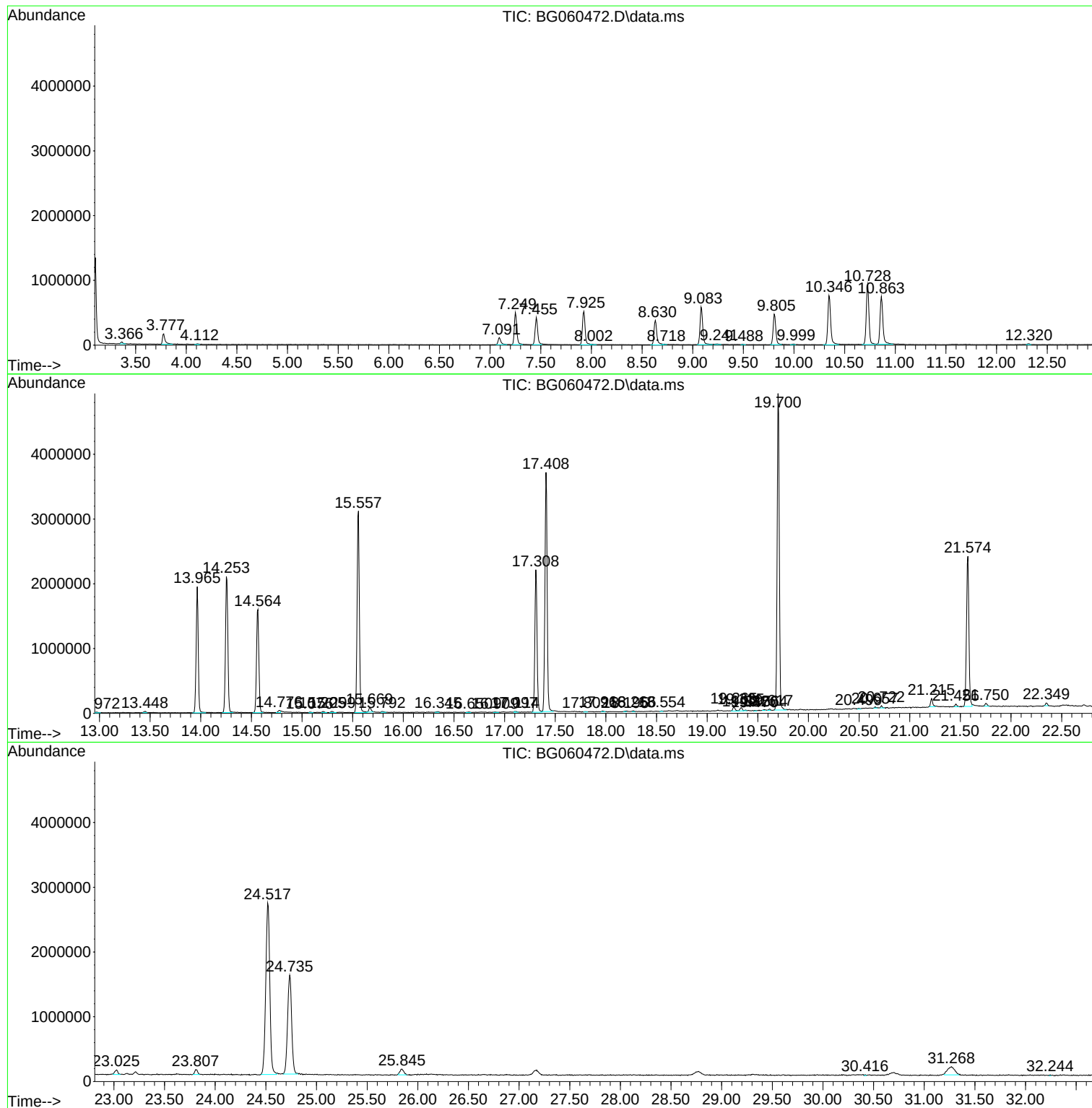
Sum of corrected areas: 57847090

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P



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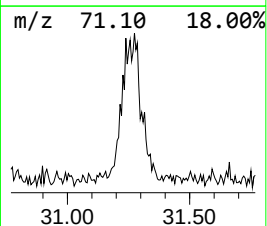
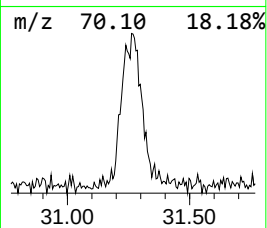
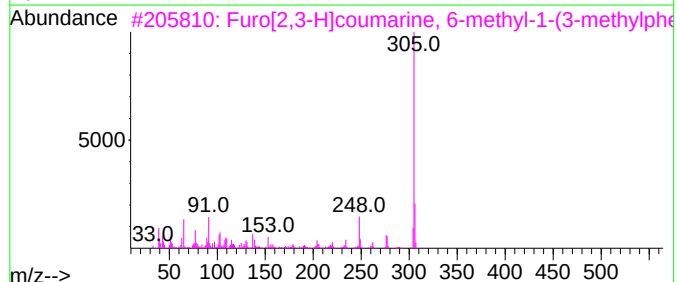
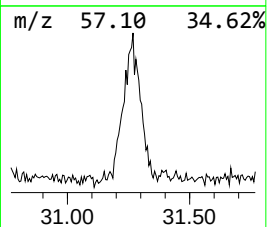
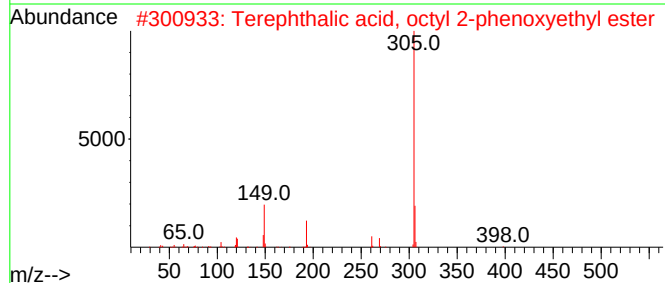
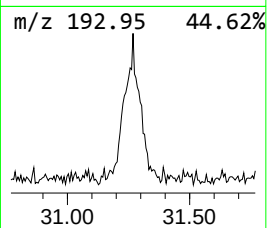
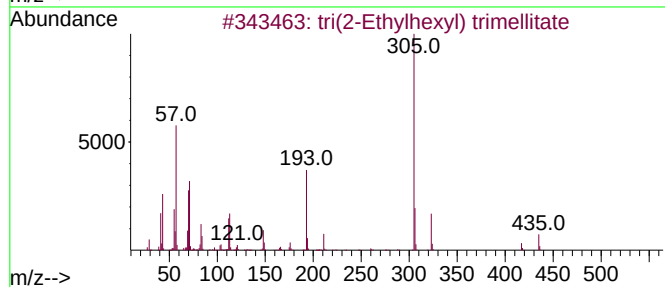
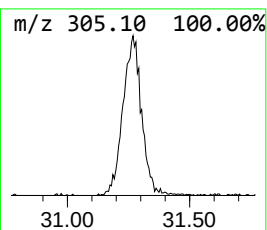
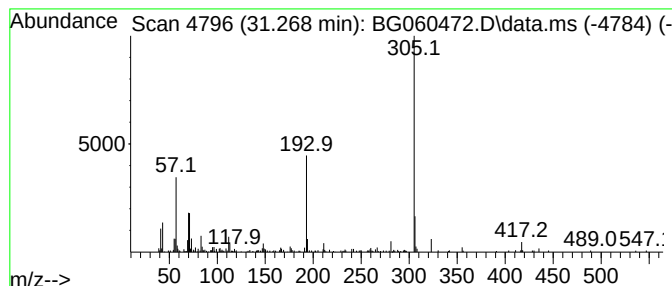
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG012624.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 tri(2-Ethylhexyl) trimellitate Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 31.268    | 2.90 ng/ul                          | 615977 | Perylene-d12     | 24.735       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | tri(2-Ethylhexyl) trimellitate      | 546    | C33H54O6         | 003319-31-1  | 72   |
| 2         | Terephthalic acid, octyl 2-pheno... | 398    | C24H30O5         | 1000416-04-7 | 47   |
| 3         | Furo[2,3-H]coumarine, 6-methyl-1... | 305    | C19H15N03        | 1000270-15-3 | 43   |
| 4         | 4-(Morpholin-4-yl)-6-(2-phenylet... | 305    | C18H15N3O2       | 1000387-57-0 | 43   |
| 5         | [2](1,4)Anthraceno[2](2,6)pyridi... | 305    | C23H15N          | 106727-24-6  | 43   |



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| tri(2-Ethylhexy... | 31.268 | 2.9     | ng/u1 | 615977   | 6                     | 24.735 | 4249910 | 20.0 |