

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM032619\  
 Data File : BM019499.D  
 Acq On : 27 Mar 2019 08:43  
 Operator : JU/SJ  
 Sample : K2069-02  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0974

## 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\_M\METHODS\SOM-EPA-BM032219MA.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         | 3.152       | 25            | 28          | 32           | rBV      | 24419          | 29454         | 0.76%           | 0.083%        |
| 2         | 3.752       | 125           | 130         | 135          | rVB      | 11164          | 18519         | 0.48%           | 0.052%        |
| 3         | 3.846       | 144           | 146         | 150          | rVB4     | 5808           | 5643          | 0.15%           | 0.016%        |
| 4         | 4.216       | 206           | 209         | 210          | rBV3     | 5193           | 4907          | 0.13%           | 0.014%        |
| 5         | 4.799       | 305           | 308         | 311          | rBV5     | 2972           | 4255          | 0.11%           | 0.012%        |
| 6         | 4.952       | 329           | 334         | 342          | rVB2     | 13347          | 21284         | 0.55%           | 0.060%        |
| 7         | 5.693       | 455           | 460         | 472          | rVB2     | 44446          | 79775         | 2.07%           | 0.224%        |
| 8         | 6.687       | 626           | 629         | 632          | rBV4     | 4936           | 4654          | 0.12%           | 0.013%        |
| 9         | 6.793       | 639           | 647         | 662          | rBV      | 135558         | 257964        | 6.70%           | 0.726%        |
| 10        | 6.957       | 668           | 675         | 697          | rBV      | 512909         | 880244        | 22.85%          | 2.476%        |
| 11        | 7.140       | 700           | 706         | 720          | rVV      | 641981         | 999554        | 25.95%          | 2.812%        |
| 12        | 7.234       | 720           | 722         | 727          | rVB4     | 4386           | 5816          | 0.15%           | 0.016%        |
| 13        | 7.604       | 778           | 785         | 791          | rBV      | 729054         | 1159338       | 30.10%          | 3.261%        |
| 14        | 7.657       | 791           | 794         | 802          | rVB      | 66097          | 118832        | 3.09%           | 0.334%        |
| 15        | 7.951       | 838           | 844         | 852          | rVB2     | 30800          | 52910         | 1.37%           | 0.149%        |
| 16        | 8.322       | 901           | 907         | 924          | rBV      | 413762         | 746544        | 19.38%          | 2.100%        |
| 17        | 8.704       | 968           | 972         | 978          | rBV4     | 6500           | 11510         | 0.30%           | 0.032%        |
| 18        | 8.775       | 978           | 984         | 993          | rBV      | 619040         | 1048974       | 27.23%          | 2.951%        |
| 19        | 8.928       | 1006          | 1010        | 1015         | rVB8     | 5640           | 9429          | 0.24%           | 0.027%        |
| 20        | 9.098       | 1034          | 1039        | 1045         | rVB4     | 16087          | 25342         | 0.66%           | 0.071%        |
| 21        | 9.487       | 1097          | 1105        | 1121         | rBV      | 485422         | 858782        | 22.30%          | 2.416%        |
| 22        | 9.663       | 1128          | 1135        | 1140         | rBV5     | 3190           | 6520          | 0.17%           | 0.018%        |
| 23        | 10.022      | 1189          | 1196        | 1210         | rBV      | 654129         | 1309192       | 33.99%          | 3.683%        |
| 24        | 10.251      | 1229          | 1235        | 1243         | rVB      | 42068          | 66371         | 1.72%           | 0.187%        |
| 25        | 10.386      | 1251          | 1258        | 1266         | rBV      | 960697         | 1588189       | 41.23%          | 4.468%        |
| 26        | 10.451      | 1266          | 1269        | 1272         | rVB2     | 3163           | 4094          | 0.11%           | 0.012%        |
| 27        | 10.592      | 1287          | 1293        | 1297         | rBV3     | 5512           | 8731          | 0.23%           | 0.025%        |
| 28        | 10.769      | 1320          | 1323        | 1328         | rVB4     | 7868           | 13038         | 0.34%           | 0.037%        |
| 29        | 11.586      | 1457          | 1462        | 1468         | rVB      | 25188          | 35460         | 0.92%           | 0.100%        |
| 30        | 11.716      | 1477          | 1484        | 1493         | rBV3     | 23069          | 52910         | 1.37%           | 0.149%        |
| 31        | 11.998      | 1526          | 1532        | 1535         | rBV3     | 8300           | 13138         | 0.34%           | 0.037%        |
| 32        | 12.586      | 1626          | 1632        | 1637         | rVB3     | 4053           | 7117          | 0.18%           | 0.020%        |
| 33        | 12.851      | 1672          | 1677        | 1680         | rBV3     | 8308           | 12565         | 0.33%           | 0.035%        |
| 34        | 13.057      | 1708          | 1712        | 1715         | rVB3     | 7175           | 7432          | 0.19%           | 0.021%        |

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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\_M\METHODS\SOM-EPA-BM032219MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 13.616 | 1803 | 1807 | 1812 | rVB2 | 5663    | 7932    | 0.21%   | 0.022%  |
| 36 | 13.680 | 1812 | 1818 | 1835 | rBV  | 1289237 | 1876315 | 48.71%  | 5.278%  |
| 37 | 13.957 | 1858 | 1865 | 1880 | rVB  | 1660736 | 2380391 | 61.80%  | 6.696%  |
| 38 | 14.269 | 1911 | 1918 | 1926 | rBV2 | 1212927 | 1874099 | 48.66%  | 5.272%  |
| 39 | 14.345 | 1926 | 1931 | 1938 | rVB5 | 7532    | 13604   | 0.35%   | 0.038%  |
| 40 | 14.551 | 1959 | 1966 | 1978 | rBV3 | 27953   | 95778   | 2.49%   | 0.269%  |
| 41 | 14.945 | 2031 | 2033 | 2035 | rBV3 | 4766    | 5162    | 0.13%   | 0.015%  |
| 42 | 15.057 | 2047 | 2052 | 2054 | rVB4 | 3618    | 5564    | 0.14%   | 0.016%  |
| 43 | 15.098 | 2057 | 2059 | 2064 | rVB2 | 4342    | 4375    | 0.11%   | 0.012%  |
| 44 | 15.269 | 2077 | 2088 | 2099 | rBV  | 1973055 | 2829858 | 73.47%  | 7.961%  |
| 45 | 15.421 | 2109 | 2114 | 2122 | rBV2 | 84526   | 132046  | 3.43%   | 0.371%  |
| 46 | 15.504 | 2124 | 2128 | 2133 | rVB3 | 19864   | 31138   | 0.81%   | 0.088%  |
| 47 | 15.898 | 2191 | 2195 | 2196 | rBV3 | 2813    | 4329    | 0.11%   | 0.012%  |
| 48 | 15.968 | 2203 | 2207 | 2211 | rBV4 | 3482    | 6977    | 0.18%   | 0.020%  |
| 49 | 16.057 | 2217 | 2222 | 2225 | rVB4 | 8351    | 9308    | 0.24%   | 0.026%  |
| 50 | 16.810 | 2347 | 2350 | 2353 | rVB3 | 5835    | 7052    | 0.18%   | 0.020%  |
| 51 | 16.933 | 2369 | 2371 | 2375 | rVB3 | 4852    | 6319    | 0.16%   | 0.018%  |
| 52 | 17.027 | 2380 | 2387 | 2397 | rBV2 | 1288483 | 1884148 | 48.92%  | 5.300%  |
| 53 | 17.121 | 2397 | 2403 | 2416 | rVV2 | 2041260 | 2973817 | 77.21%  | 8.366%  |
| 54 | 17.310 | 2431 | 2435 | 2443 | rBV3 | 54942   | 138140  | 3.59%   | 0.389%  |
| 55 | 17.686 | 2494 | 2499 | 2507 | rBV4 | 71068   | 105317  | 2.73%   | 0.296%  |
| 56 | 17.915 | 2534 | 2538 | 2541 | rBV4 | 31068   | 45341   | 1.18%   | 0.128%  |
| 57 | 19.204 | 2754 | 2757 | 2763 | rBV2 | 81955   | 149577  | 3.88%   | 0.421%  |
| 58 | 19.433 | 2790 | 2796 | 2803 | rBV  | 2278472 | 3140595 | 81.54%  | 8.835%  |
| 59 | 21.233 | 3097 | 3102 | 3108 | rBV  | 1650782 | 2226717 | 57.81%  | 6.264%  |
| 60 | 23.309 | 3450 | 3455 | 3464 | rVB2 | 2051001 | 3851799 | 100.00% | 10.835% |
| 61 | 23.450 | 3474 | 3479 | 3486 | rVB  | 1267762 | 2273897 | 59.03%  | 6.397%  |

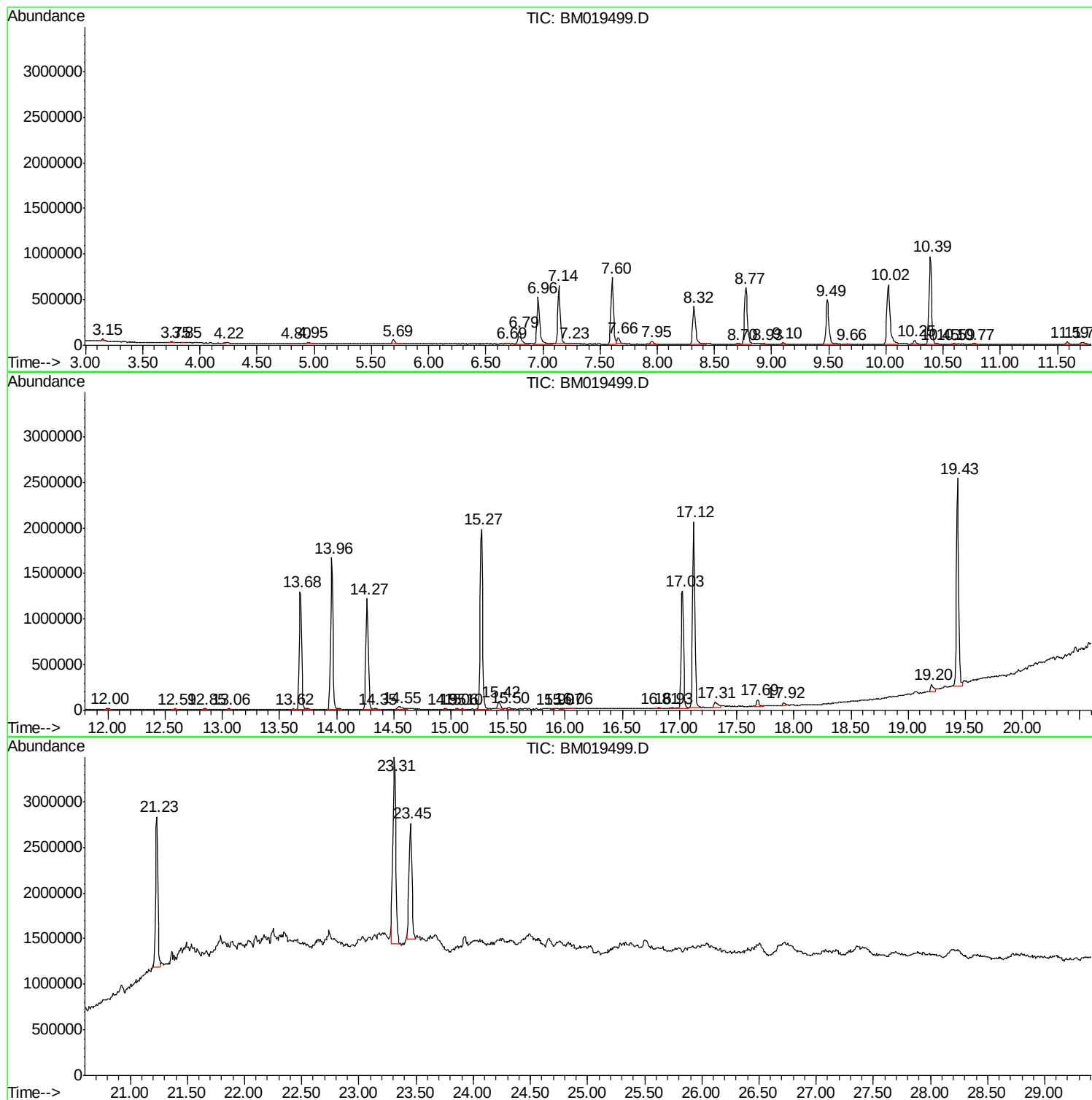
Sum of corrected areas: 35548082

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM032219MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

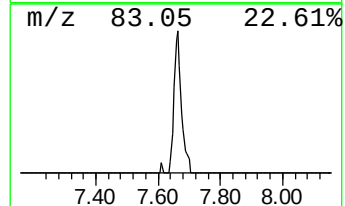
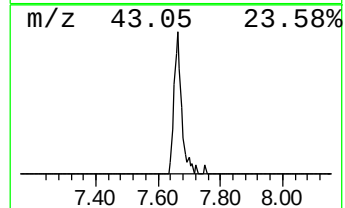
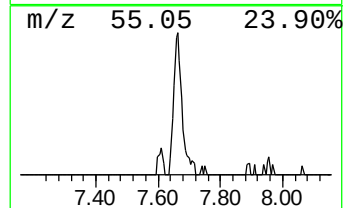
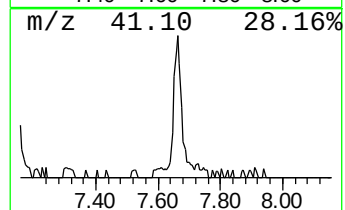
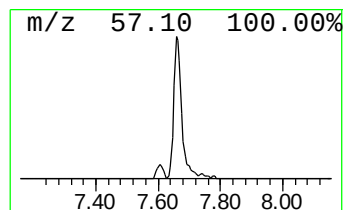
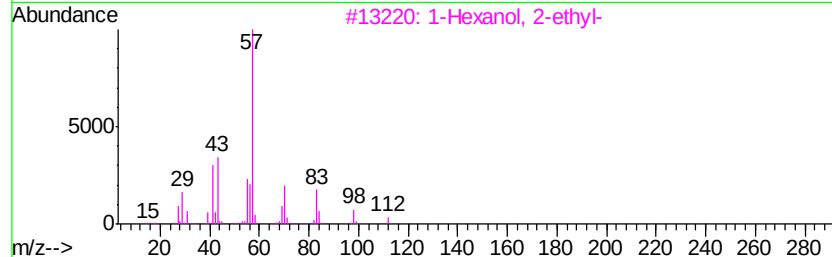
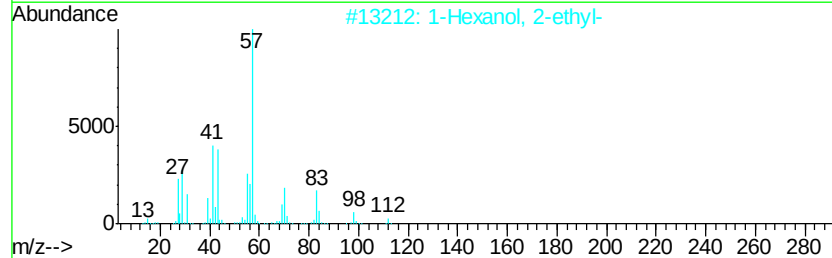
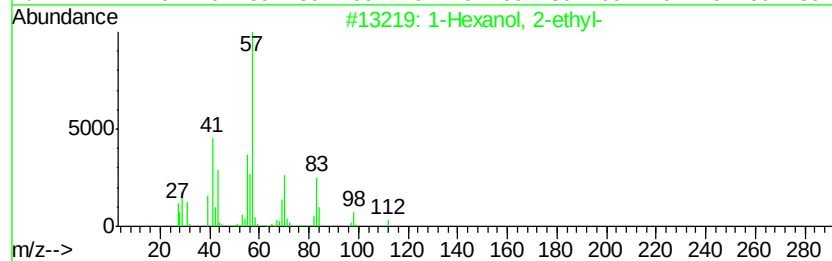
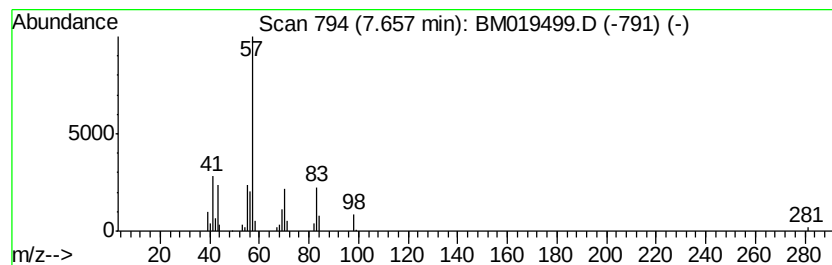
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.66 | 2.05 ng/ul | 118832 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# | of | Tentative ID                  | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------|-----|-----------|-------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-           | 130 | C8H18O    | 000104-76-7 | 83   |
| 2    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O    | 000104-76-7 | 78   |
| 3    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O    | 000104-76-7 | 78   |
| 4    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O    | 000104-76-7 | 72   |
| 5    |    | dl-2-Ethylhexyl chloroformate | 192 | C9H17ClO2 | 024468-13-1 | 53   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name    | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|---------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                     |      |         |       |          | #                     | RT   | Resp    | Conc |
| 1-Hexanol, 2-ethyl- | 7.66 | 2.0     | ng/ul | 118832   | 1                     | 7.60 | 1159340 | 20.0 |