

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM051316\  
 Data File : BM005446.D  
 Acq On : 13 May 2016 23:48  
 Operator : UM/SJ  
 Sample : H2847-15  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BD3C3

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 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\_M\METHODS\SOM02.2-EPA-BM050516.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         | 6.928       | 715           | 721         | 733          | rBV      | 212870         | 345576        | 19.50%          | 1.941%        |
| 2         | 7.087       | 742           | 748         | 759          | rVB      | 177213         | 278318        | 15.71%          | 1.563%        |
| 3         | 7.287       | 776           | 782         | 792          | rBV      | 214341         | 357568        | 20.18%          | 2.008%        |
| 4         | 7.751       | 853           | 861         | 870          | rBV      | 224238         | 374711        | 21.15%          | 2.105%        |
| 5         | 8.457       | 976           | 981         | 998          | rBV      | 272191         | 459147        | 25.91%          | 2.579%        |
| 6         | 8.904       | 1051          | 1057        | 1073         | rBV      | 219278         | 365483        | 20.63%          | 2.053%        |
| 7         | 9.628       | 1173          | 1180        | 1189         | rBV      | 180637         | 308829        | 17.43%          | 1.735%        |
| 8         | 10.163      | 1265          | 1271        | 1290         | rBV      | 249942         | 462804        | 26.12%          | 2.600%        |
| 9         | 10.533      | 1327          | 1334        | 1342         | rBV      | 365373         | 605660        | 34.18%          | 3.402%        |
| 10        | 10.681      | 1352          | 1359        | 1374         | rBV      | 261626         | 484570        | 27.35%          | 2.722%        |
| 11        | 13.798      | 1883          | 1889        | 1894         | rBV      | 583136         | 843748        | 47.62%          | 4.739%        |
| 12        | 13.845      | 1894          | 1897        | 1904         | rVB      | 104338         | 143963        | 8.12%           | 0.809%        |
| 13        | 14.080      | 1931          | 1937        | 1952         | rBV      | 635333         | 969343        | 54.71%          | 5.445%        |
| 14        | 14.280      | 1967          | 1971        | 1977         | rVB      | 40661          | 53704         | 3.03%           | 0.302%        |
| 15        | 14.392      | 1984          | 1990        | 1999         | rVB2     | 586227         | 885024        | 49.95%          | 4.971%        |
| 16        | 14.621      | 2023          | 2029        | 2044         | rBV      | 132212         | 295753        | 16.69%          | 1.661%        |
| 17        | 15.233      | 2129          | 2133        | 2138         | rVB      | 55546          | 71084         | 4.01%           | 0.399%        |
| 18        | 15.386      | 2153          | 2159        | 2169         | rVB      | 859635         | 1263875       | 71.33%          | 7.099%        |
| 19        | 15.515      | 2177          | 2181        | 2192         | rBV      | 178209         | 272308        | 15.37%          | 1.530%        |
| 20        | 15.633      | 2195          | 2201        | 2207         | rVV4     | 16902          | 35776         | 2.02%           | 0.201%        |
| 21        | 16.098      | 2275          | 2280        | 2289         | rBV      | 53019          | 82539         | 4.66%           | 0.464%        |
| 22        | 17.139      | 2451          | 2457        | 2466         | rBV      | 780683         | 1111595       | 62.73%          | 6.244%        |
| 23        | 17.239      | 2468          | 2474        | 2486         | rVV      | 990150         | 1426755       | 80.52%          | 8.014%        |
| 24        | 18.033      | 2604          | 2609        | 2618         | rBV      | 26242          | 40895         | 2.31%           | 0.230%        |
| 25        | 19.539      | 2859          | 2865        | 2874         | rBV      | 1284356        | 1771891       | 100.00%         | 9.953%        |
| 26        | 21.027      | 3114          | 3118        | 3130         | rBV      | 223310         | 286860        | 16.19%          | 1.611%        |
| 27        | 21.333      | 3165          | 3170        | 3179         | rBV      | 1102077        | 1428656       | 80.63%          | 8.025%        |
| 28        | 22.497      | 3365          | 3368        | 3375         | rVB2     | 21023          | 28509         | 1.61%           | 0.160%        |
| 29        | 22.874      | 3429          | 3432        | 3438         | rVB2     | 20399          | 27084         | 1.53%           | 0.152%        |
| 30        | 23.456      | 3524          | 3531        | 3544         | rVB2     | 768438         | 1467098       | 82.80%          | 8.241%        |
| 31        | 23.597      | 3548          | 3555        | 3568         | rVB2     | 579775         | 1141983       | 64.45%          | 6.414%        |
| 32        | 24.091      | 3635          | 3639        | 3645         | rVB2     | 27671          | 48851         | 2.76%           | 0.274%        |
| 33        | 24.174      | 3649          | 3653        | 3666         | rVB5     | 25599          | 63363         | 3.58%           | 0.356%        |

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Sampling : 1 Min Area: 1 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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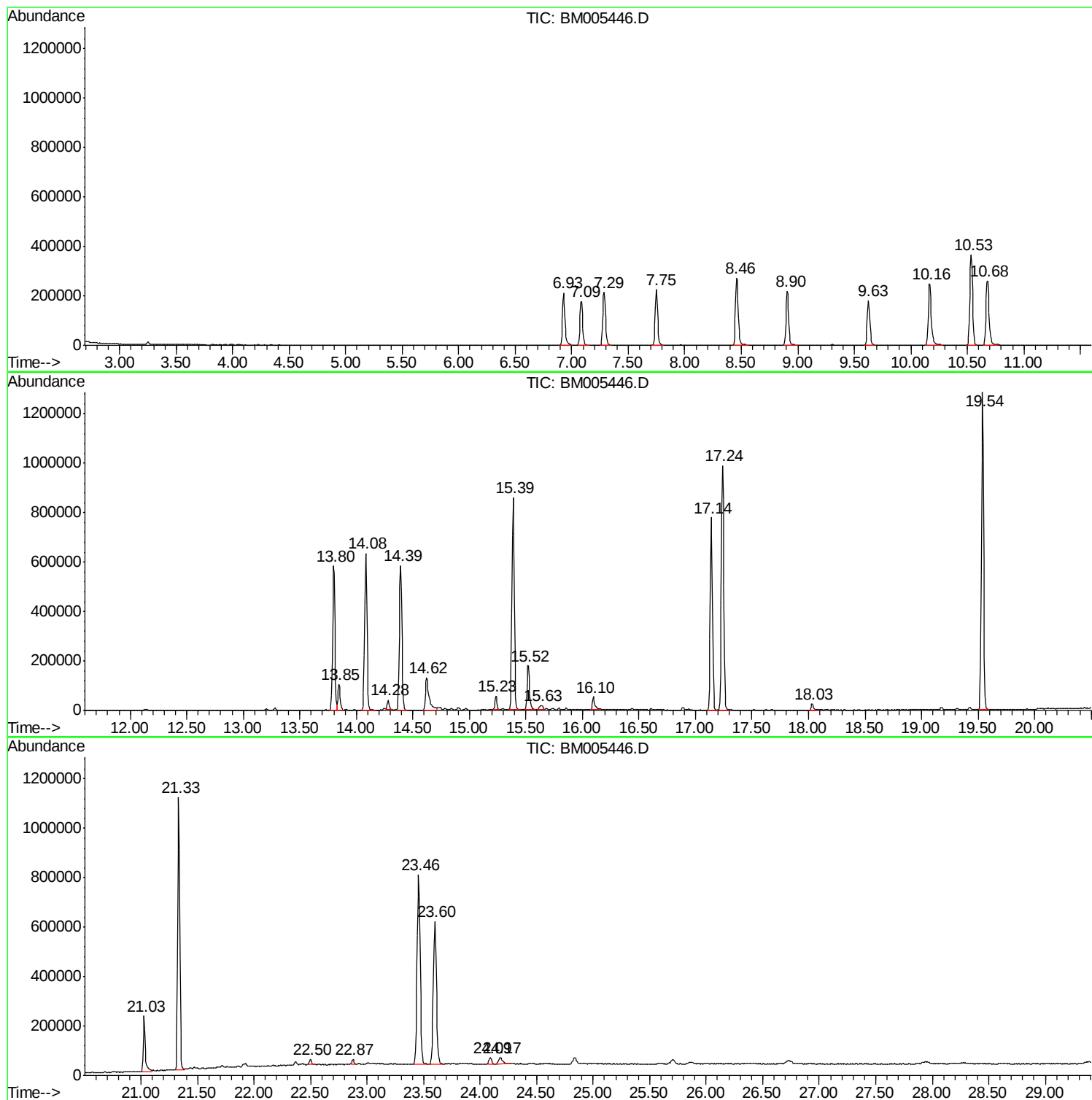
Sum of corrected areas: 17803323

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
Quant Title : SVOA CALIBRATION

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



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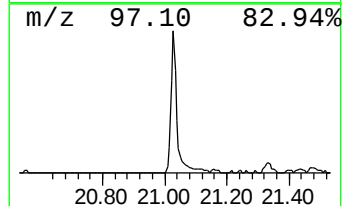
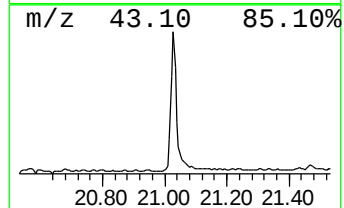
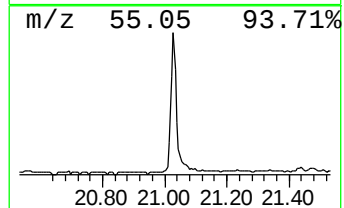
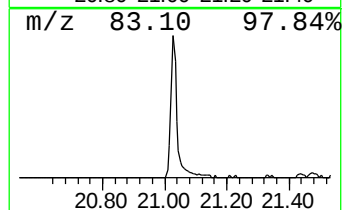
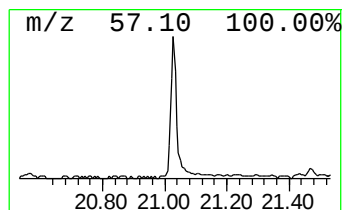
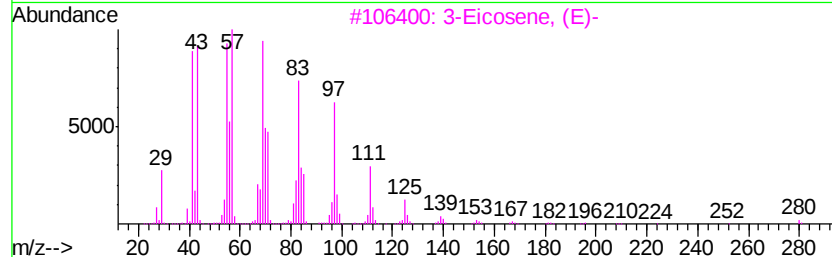
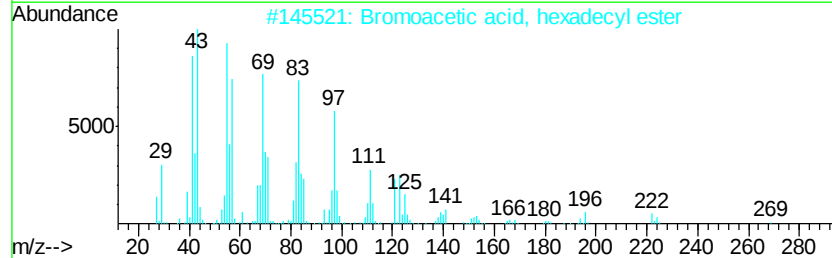
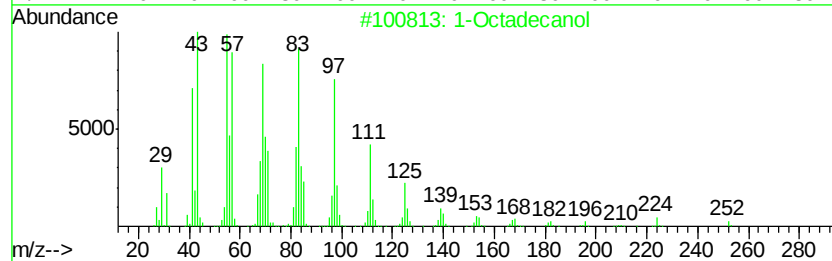
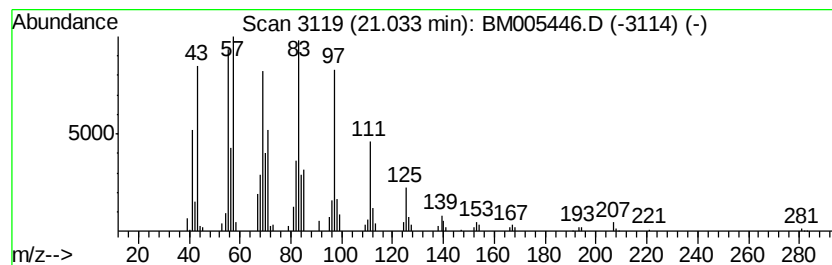
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Peak Number 1 1-Octadecanol Concentration Rank 1

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.            |
|---------|-------------------------------------|--------------|------------------|-----------------|
| 21.03   | 4.02 ng/ul                          | 286860       | Chrysene-d12     | 21.33           |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual       |
| 1       | 1-Octadecanol                       |              | 270 C18H38O      | 000112-92-5 94  |
| 2       | Bromoacetic acid, hexadecyl ester   |              | 362 C18H35BrO2   | 005454-48-8 91  |
| 3       | 3-Eicosene, (E)-                    |              | 280 C20H40       | 074685-33-9 91  |
| 4       | Dichloroacetic acid, heptadecyl ... |              | 366 C19H36Cl2O2  | 1000282-98-2 87 |
| 5       | Trichloroacetic acid, hexadecyl ... |              | 386 C18H33Cl3O2  | 074339-54-1 87  |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| 1-Octadecanol    | 21.03 | 4.0     | ng/ul | 286860   | 5                     | 21.33 | 1428660 | 20.0 |