

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM051316\  
 Data File : BM005440.D  
 Acq On : 13 May 2016 20:09  
 Operator : UM/SJ  
 Sample : H2847-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BD374

## 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       | 716           | 721         | 735          | rBV      | 121027         | 212447        | 15.03%          | 1.630%        |
| 2         | 7.086       | 742           | 748         | 758          | rBV      | 105737         | 168022        | 11.88%          | 1.289%        |
| 3         | 7.286       | 777           | 782         | 793          | rVB      | 131403         | 212042        | 15.00%          | 1.627%        |
| 4         | 7.751       | 855           | 861         | 871          | rVB      | 154743         | 250433        | 17.71%          | 1.922%        |
| 5         | 8.463       | 976           | 982         | 997          | rBV      | 163061         | 273786        | 19.36%          | 2.101%        |
| 6         | 8.904       | 1052          | 1057        | 1070         | rBV      | 121060         | 212297        | 15.01%          | 1.629%        |
| 7         | 9.627       | 1174          | 1180        | 1190         | rVB      | 105501         | 176166        | 12.46%          | 1.352%        |
| 8         | 10.169      | 1267          | 1272        | 1285         | rBV      | 140076         | 260614        | 18.43%          | 2.000%        |
| 9         | 10.533      | 1328          | 1334        | 1343         | rBV      | 242611         | 410285        | 29.02%          | 3.148%        |
| 10        | 10.680      | 1352          | 1359        | 1371         | rBV      | 84944          | 160876        | 11.38%          | 1.234%        |
| 11        | 13.798      | 1882          | 1889        | 1894         | rBV      | 355439         | 495173        | 35.02%          | 3.800%        |
| 12        | 13.845      | 1894          | 1897        | 1903         | rVB      | 147095         | 193096        | 13.66%          | 1.482%        |
| 13        | 14.080      | 1931          | 1937        | 1948         | rBV      | 377962         | 575199        | 40.68%          | 4.414%        |
| 14        | 14.245      | 1959          | 1965        | 1968         | rBV      | 17258          | 31486         | 2.23%           | 0.242%        |
| 15        | 14.280      | 1968          | 1971        | 1976         | rVB      | 28857          | 38725         | 2.74%           | 0.297%        |
| 16        | 14.392      | 1984          | 1990        | 2003         | rVB2     | 407324         | 624769        | 44.19%          | 4.794%        |
| 17        | 14.627      | 2024          | 2030        | 2043         | rBV2     | 76746          | 183465        | 12.98%          | 1.408%        |
| 18        | 15.233      | 2129          | 2133        | 2139         | rVB      | 34025          | 42355         | 3.00%           | 0.325%        |
| 19        | 15.386      | 2153          | 2159        | 2168         | rVB      | 548076         | 775161        | 54.82%          | 5.948%        |
| 20        | 15.521      | 2178          | 2182        | 2193         | rVB      | 100864         | 152511        | 10.79%          | 1.170%        |
| 21        | 15.633      | 2196          | 2201        | 2207         | rBV3     | 10119          | 21199         | 1.50%           | 0.163%        |
| 22        | 16.098      | 2276          | 2280        | 2288         | rBV      | 33250          | 52144         | 3.69%           | 0.400%        |
| 23        | 16.892      | 2411          | 2415        | 2419         | rBV      | 19169          | 24105         | 1.70%           | 0.185%        |
| 24        | 17.139      | 2451          | 2457        | 2464         | rBV2     | 562764         | 819792        | 57.98%          | 6.291%        |
| 25        | 17.239      | 2468          | 2474        | 2484         | rVB2     | 619626         | 898352        | 63.54%          | 6.893%        |
| 26        | 18.033      | 2602          | 2609        | 2617         | rBV2     | 17699          | 30833         | 2.18%           | 0.237%        |
| 27        | 19.539      | 2859          | 2865        | 2876         | rBV2     | 882781         | 1232315       | 87.16%          | 9.456%        |
| 28        | 21.033      | 3114          | 3119        | 3130         | rBV2     | 158685         | 214308        | 15.16%          | 1.644%        |
| 29        | 21.339      | 3165          | 3171        | 3179         | rBV      | 1019345        | 1322957       | 93.57%          | 10.152%       |
| 30        | 22.503      | 3366          | 3369        | 3373         | rVB2     | 13923          | 16497         | 1.17%           | 0.127%        |
| 31        | 22.880      | 3430          | 3433        | 3438         | rVB      | 22308          | 29895         | 2.11%           | 0.229%        |
| 32        | 23.462      | 3524          | 3532        | 3546         | rBV2     | 712495         | 1413930       | 100.00%         | 10.850%       |
| 33        | 23.603      | 3549          | 3556        | 3570         | rVB2     | 676693         | 1338814       | 94.69%          | 10.273%       |
| 34        | 24.097      | 3636          | 3640        | 3646         | rVB2     | 29827          | 55452         | 3.92%           | 0.426%        |

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Peak Location: TOP

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Peak separation: 5

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|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 35 | 24.185 | 3651 | 3655 | 3665 | rVB4 | 27509 | 59248 | 4.19% | 0.455% |
| 36 | 24.844 | 3763 | 3767 | 3775 | rVB2 | 25851 | 53356 | 3.77% | 0.409% |

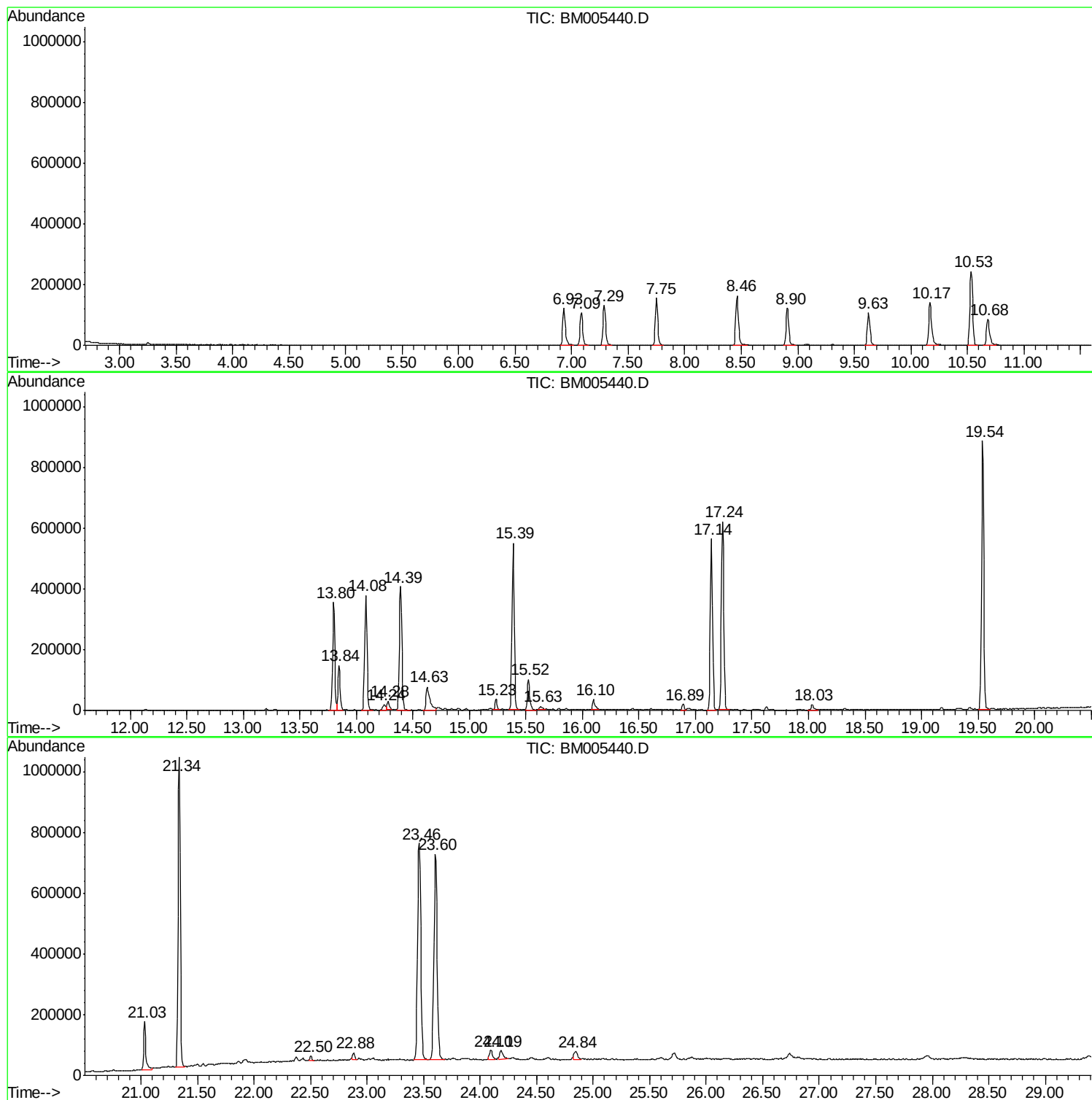
Sum of corrected areas: 13032105

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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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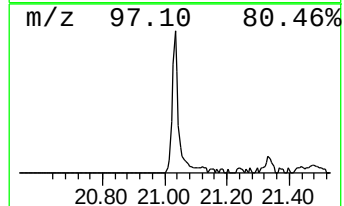
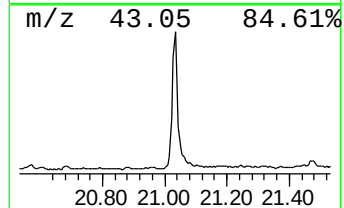
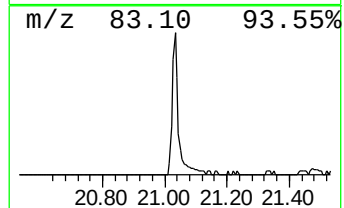
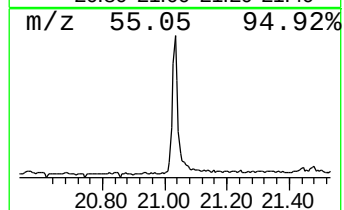
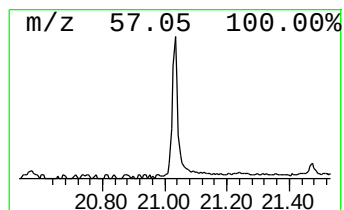
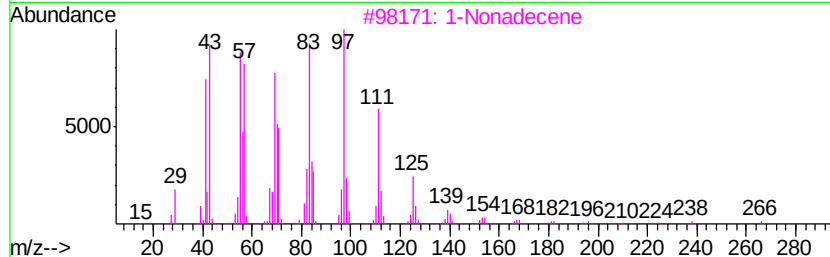
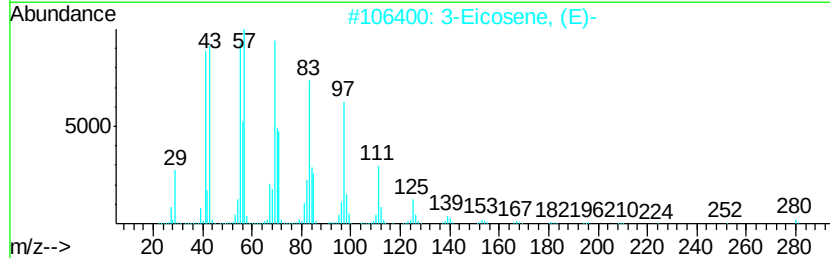
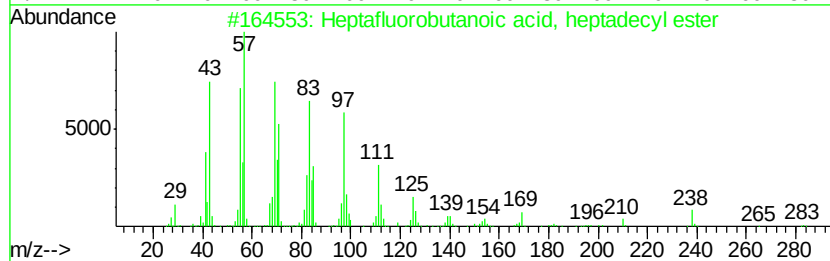
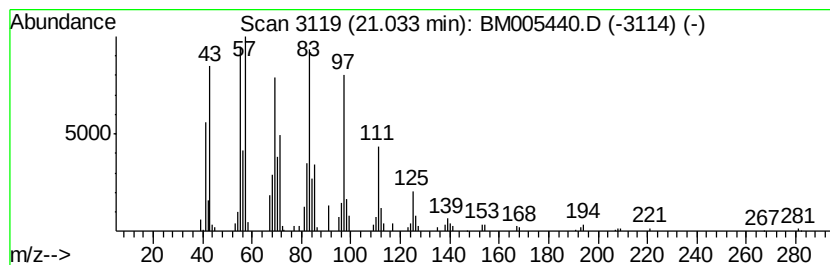
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Peak Number 1 Heptafluorobutanoic acid, h... Concentration Rank 1

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.        |              |      |
|---------|------------|-------------------------------------|------------------|-------------|--------------|------|
| 21.03   | 3.24 ng/ul | 214308                              | Chrysene-d12     | 21.34       |              |      |
| Hit# of | 5          | Tentative ID                        | MW               | MolForm     | CAS#         | Qual |
| 1       |            | Heptafluorobutanoic acid, heptad... | 452              | C21H35F7O2  | 1000282-97-3 | 93   |
| 2       |            | 3-Eicosene, (E)-                    | 280              | C20H40      | 074685-33-9  | 91   |
| 3       |            | 1-Nonadecene                        | 266              | C19H38      | 018435-45-5  | 91   |
| 4       |            | Trichloroacetic acid, hexadecyl ... | 386              | C18H33Cl3O2 | 074339-54-1  | 91   |
| 5       |            | Bromoacetic acid, octadecyl ester   | 390              | C20H39BrO2  | 018992-03-5  | 91   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Heptafluorobutano... | 21.03 | 3.2     | ng/ul | 214308   | 5                     | 21.34 | 1322960 | 20.0 |