

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043016\  
 Data File : BM005155.D  
 Acq On : 29 Apr 2016 22:45  
 Operator : UM/SJ  
 Sample : H2729-17  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BD3D8

## 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-BM042516.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         | 6.957       | 720           | 726         | 740          | rBV      | 184965         | 295123        | 22.99%          | 2.329%        |
| 2         | 7.122       | 748           | 754         | 766          | rBB      | 165288         | 249849        | 19.46%          | 1.971%        |
| 3         | 7.322       | 782           | 788         | 798          | rBB      | 189449         | 301908        | 23.52%          | 2.382%        |
| 4         | 7.787       | 861           | 867         | 875          | rBB      | 125098         | 194562        | 15.16%          | 1.535%        |
| 5         | 8.492       | 981           | 987         | 1001         | rVB      | 241438         | 395773        | 30.83%          | 3.123%        |
| 6         | 8.945       | 1058          | 1064        | 1075         | rBV      | 187307         | 305812        | 23.82%          | 2.413%        |
| 7         | 9.663       | 1180          | 1186        | 1194         | rBV      | 158131         | 255198        | 19.88%          | 2.014%        |
| 8         | 10.198      | 1271          | 1277        | 1291         | rBB      | 242139         | 404672        | 31.52%          | 3.193%        |
| 9         | 10.575      | 1334          | 1341        | 1351         | rBB      | 192410         | 319526        | 24.89%          | 2.521%        |
| 10        | 10.716      | 1358          | 1365        | 1388         | rBV      | 506600         | 866926        | 67.53%          | 6.840%        |
| 11        | 13.833      | 1889          | 1895        | 1900         | rBV      | 501481         | 707799        | 55.14%          | 5.585%        |
| 12        | 13.880      | 1900          | 1903        | 1909         | rVB      | 117078         | 147676        | 11.50%          | 1.165%        |
| 13        | 14.122      | 1937          | 1944        | 1955         | rBV      | 527652         | 815697        | 63.54%          | 6.436%        |
| 14        | 14.322      | 1974          | 1978        | 1981         | rBB      | 12502          | 15523         | 1.21%           | 0.122%        |
| 15        | 14.427      | 1990          | 1996        | 2003         | rBB2     | 309526         | 468668        | 36.51%          | 3.698%        |
| 16        | 14.627      | 2025          | 2030        | 2050         | rBV      | 180495         | 284141        | 22.13%          | 2.242%        |
| 17        | 15.274      | 2135          | 2140        | 2144         | rVB      | 27765          | 33656         | 2.62%           | 0.266%        |
| 18        | 15.421      | 2159          | 2165        | 2174         | rVB      | 714968         | 1043238       | 81.27%          | 8.231%        |
| 19        | 15.545      | 2181          | 2186        | 2195         | rBV      | 205898         | 282563        | 22.01%          | 2.230%        |
| 20        | 15.663      | 2202          | 2206        | 2212         | rBV3     | 10037          | 20599         | 1.60%           | 0.163%        |
| 21        | 16.133      | 2281          | 2286        | 2298         | rBV      | 29685          | 51191         | 3.99%           | 0.404%        |
| 22        | 16.927      | 2416          | 2421        | 2425         | rBV      | 13067          | 16728         | 1.30%           | 0.132%        |
| 23        | 17.174      | 2457          | 2463        | 2469         | rBV      | 409342         | 577857        | 45.01%          | 4.559%        |
| 24        | 17.274      | 2473          | 2480        | 2494         | rVB2     | 762359         | 1122892       | 87.47%          | 8.860%        |
| 25        | 18.062      | 2610          | 2614        | 2624         | rBV      | 24627          | 34872         | 2.72%           | 0.275%        |
| 26        | 19.568      | 2864          | 2870        | 2880         | rBV2     | 922646         | 1283747       | 100.00%         | 10.129%       |
| 27        | 21.062      | 3120          | 3124        | 3137         | rBV2     | 33930          | 65829         | 5.13%           | 0.519%        |
| 28        | 21.362      | 3169          | 3175        | 3187         | rBV      | 458982         | 603211        | 46.99%          | 4.760%        |
| 29        | 22.539      | 3372          | 3375        | 3382         | rVB2     | 9953           | 13353         | 1.04%           | 0.105%        |
| 30        | 23.492      | 3530          | 3537        | 3551         | rBV2     | 502886         | 977848        | 76.17%          | 7.716%        |
| 31        | 23.639      | 3555          | 3562        | 3572         | rVB2     | 256927         | 487063        | 37.94%          | 3.843%        |
| 32        | 24.150      | 3646          | 3649        | 3657         | rVB2     | 8922           | 15568         | 1.21%           | 0.123%        |
| 33        | 24.909      | 3774          | 3778        | 3784         | rVB5     | 8089           | 14703         | 1.15%           | 0.116%        |

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Sampling : 1 Min Area: 1 % of largest Peak  
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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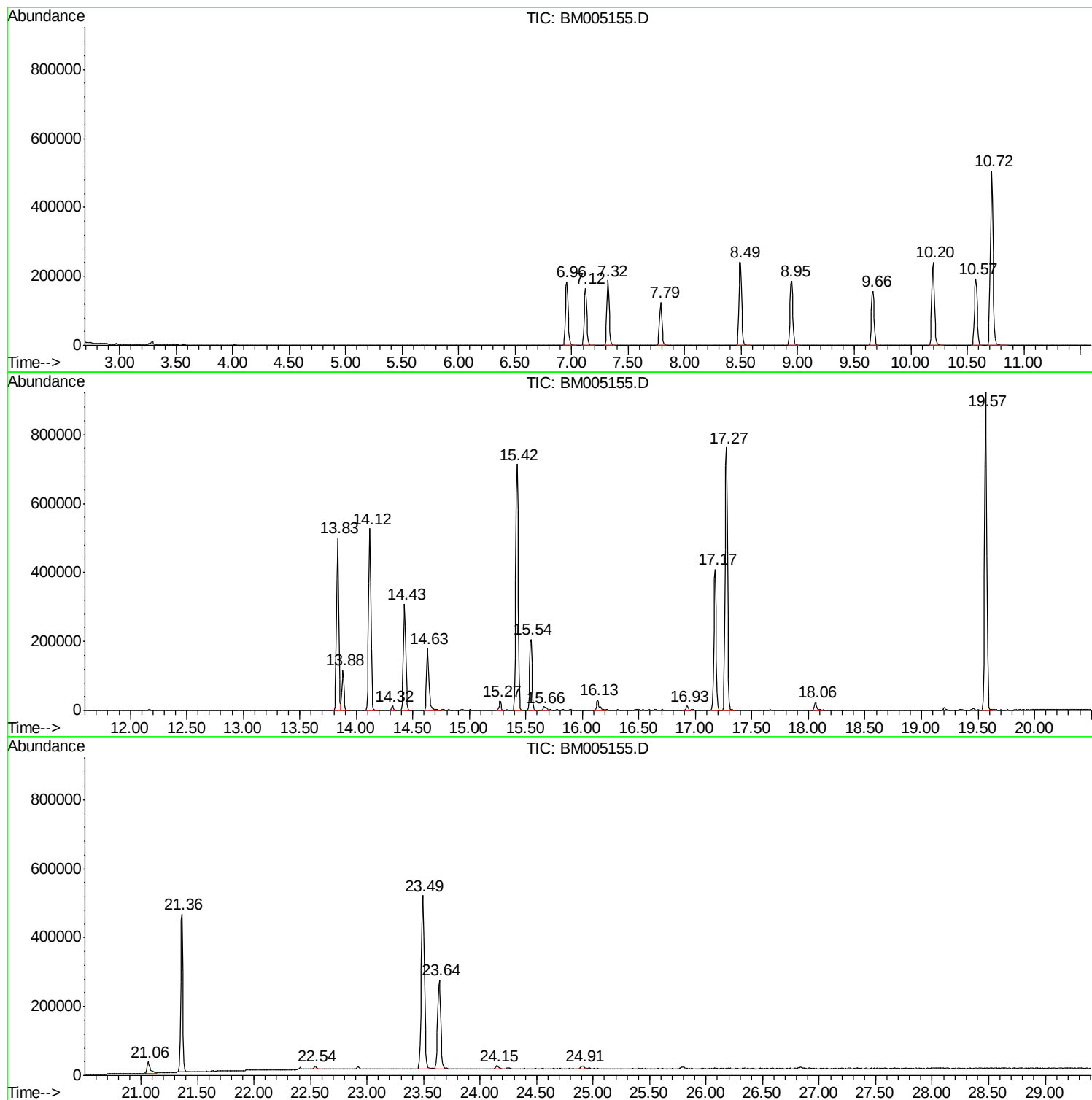
Sum of corrected areas: 12673771

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

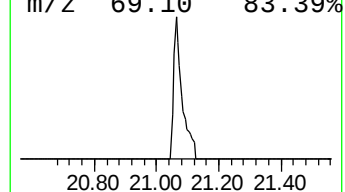
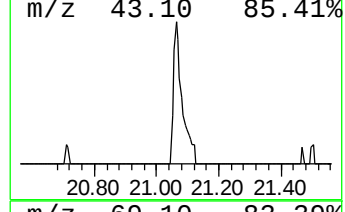
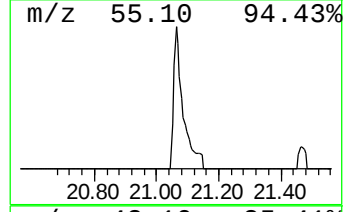
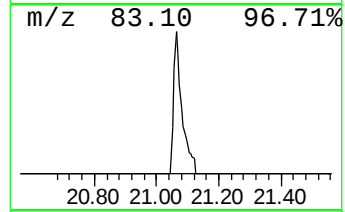
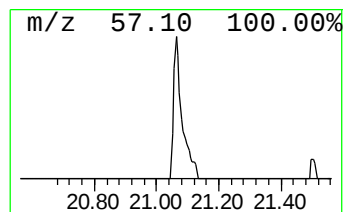
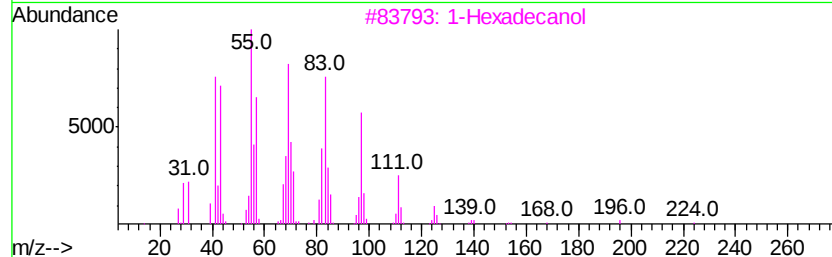
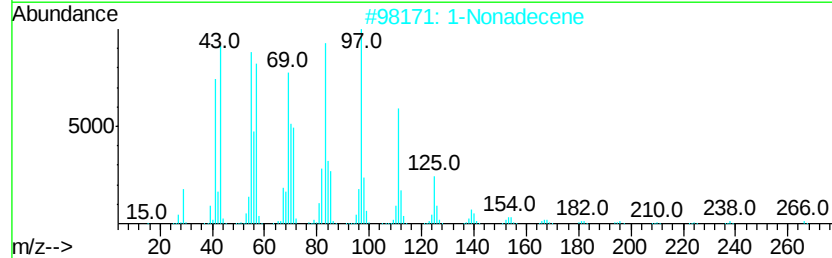
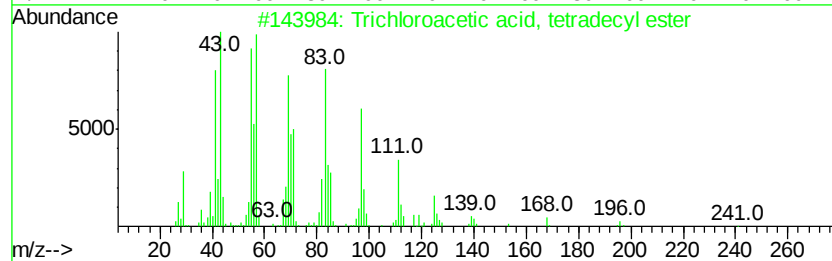
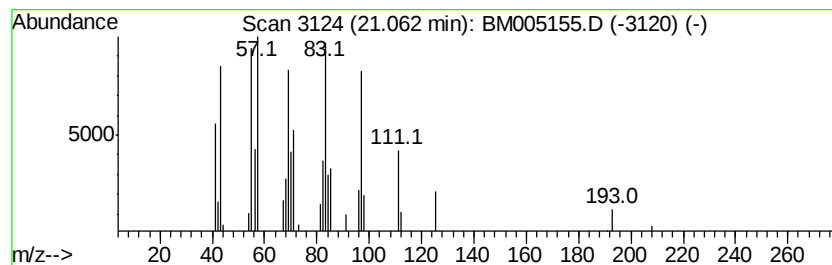
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Trichloroacetic acid, tetra... Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 21.06 | 2.18 ng/ul | 65829 | Chrysene-d12     | 21.36 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9  | 91   |
| 2    |    |   | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5  | 91   |
| 3    |    |   | 1-Hexadecanol                       | 242 | C16H34O     | 036653-82-4  | 90   |
| 4    |    |   | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9  | 90   |
| 5    |    |   | 3-Chloropropionic acid, heptadec... | 346 | C20H39ClO2  | 1000283-05-1 | 87   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Trichloroacetic a... | 21.06 | 2.2     | ng/ul | 65829    | 5                     | 21.36 | 603211 | 20.0 |