

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_M\DATA\BM013018\  
 Data File : BM014025.D  
 Acq On : 31 Jan 2018 08:07  
 Operator : SJ/JU  
 Sample : J1314-20  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6C57

## 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\SOM-EPA-BM011018.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         | 3.122       | 20            | 23          | 29           | rBV5     | 21184          | 35291         | 1.17%           | 0.118%        |
| 2         | 6.751       | 634           | 640         | 658          | rBV      | 344260         | 690058        | 22.79%          | 2.308%        |
| 3         | 6.910       | 661           | 667         | 679          | rBV      | 263984         | 431047        | 14.24%          | 1.442%        |
| 4         | 7.098       | 693           | 699         | 714          | rVB      | 386173         | 668139        | 22.07%          | 2.235%        |
| 5         | 7.563       | 771           | 778         | 791          | rBV      | 376285         | 652555        | 21.55%          | 2.183%        |
| 6         | 8.281       | 893           | 900         | 917          | rBV      | 422776         | 843996        | 27.88%          | 2.823%        |
| 7         | 8.722       | 967           | 975         | 986          | rBV      | 383765         | 712409        | 23.53%          | 2.383%        |
| 8         | 9.439       | 1090          | 1097        | 1111         | rBV      | 335000         | 640878        | 21.17%          | 2.144%        |
| 9         | 9.975       | 1181          | 1188        | 1202         | rBV      | 449600         | 869976        | 28.73%          | 2.910%        |
| 10        | 10.333      | 1242          | 1249        | 1258         | rBV      | 516068         | 889884        | 29.39%          | 2.977%        |
| 11        | 10.492      | 1270          | 1276        | 1294         | rBV      | 366626         | 815001        | 26.92%          | 2.726%        |
| 12        | 13.639      | 1804          | 1811        | 1816         | rBV      | 980074         | 1490392       | 49.23%          | 4.986%        |
| 13        | 13.686      | 1816          | 1819        | 1828         | rVB      | 193970         | 311290        | 10.28%          | 1.041%        |
| 14        | 13.910      | 1849          | 1857        | 1876         | rBV      | 1117608        | 1755935       | 58.00%          | 5.874%        |
| 15        | 14.127      | 1887          | 1894        | 1899         | rBV3     | 39956          | 62735         | 2.07%           | 0.210%        |
| 16        | 14.216      | 1903          | 1909        | 1920         | rVB2     | 784520         | 1221702       | 40.35%          | 4.087%        |
| 17        | 14.463      | 1943          | 1951        | 1968         | rBV3     | 169672         | 507295        | 16.76%          | 1.697%        |
| 18        | 15.080      | 2052          | 2056        | 2061         | rVB2     | 59326          | 80471         | 2.66%           | 0.269%        |
| 19        | 15.215      | 2073          | 2079        | 2091         | rBV      | 1418267        | 2149880       | 71.01%          | 7.192%        |
| 20        | 15.368      | 2100          | 2105        | 2117         | rBV      | 268283         | 476709        | 15.74%          | 1.595%        |
| 21        | 15.463      | 2117          | 2121        | 2124         | rBV4     | 19147          | 33758         | 1.11%           | 0.113%        |
| 22        | 15.945      | 2199          | 2203        | 2212         | rBV4     | 52308          | 102844        | 3.40%           | 0.344%        |
| 23        | 16.745      | 2333          | 2339        | 2342         | rBV4     | 21104          | 34034         | 1.12%           | 0.114%        |
| 24        | 16.974      | 2372          | 2378        | 2386         | rBV      | 1116092        | 1515656       | 50.06%          | 5.070%        |
| 25        | 17.074      | 2389          | 2395        | 2412         | rVV      | 1572748        | 2412753       | 79.69%          | 8.071%        |
| 26        | 17.880      | 2527          | 2532        | 2544         | rBV2     | 173200         | 295974        | 9.78%           | 0.990%        |
| 27        | 19.021      | 2722          | 2726        | 2729         | rBV4     | 22851          | 35083         | 1.16%           | 0.117%        |
| 28        | 19.168      | 2747          | 2751        | 2759         | rBV5     | 74934          | 131455        | 4.34%           | 0.440%        |
| 29        | 19.374      | 2780          | 2786        | 2794         | rBV      | 2047605        | 2898063       | 95.72%          | 9.695%        |
| 30        | 20.897      | 3040          | 3045        | 3055         | rBV3     | 225695         | 415132        | 13.71%          | 1.389%        |
| 31        | 21.180      | 3088          | 3093        | 3101         | rBV      | 1329064        | 1859153       | 61.40%          | 6.219%        |
| 32        | 23.221      | 3434          | 3440        | 3450         | rVB2     | 1733889        | 3027701       | 100.00%         | 10.128%       |
| 33        | 23.362      | 3457          | 3464        | 3474         | rVB      | 918083         | 1825958       | 60.31%          | 6.108%        |

## LSC Area Percent Report

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Integration Parameters: LSCINT.P  
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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:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
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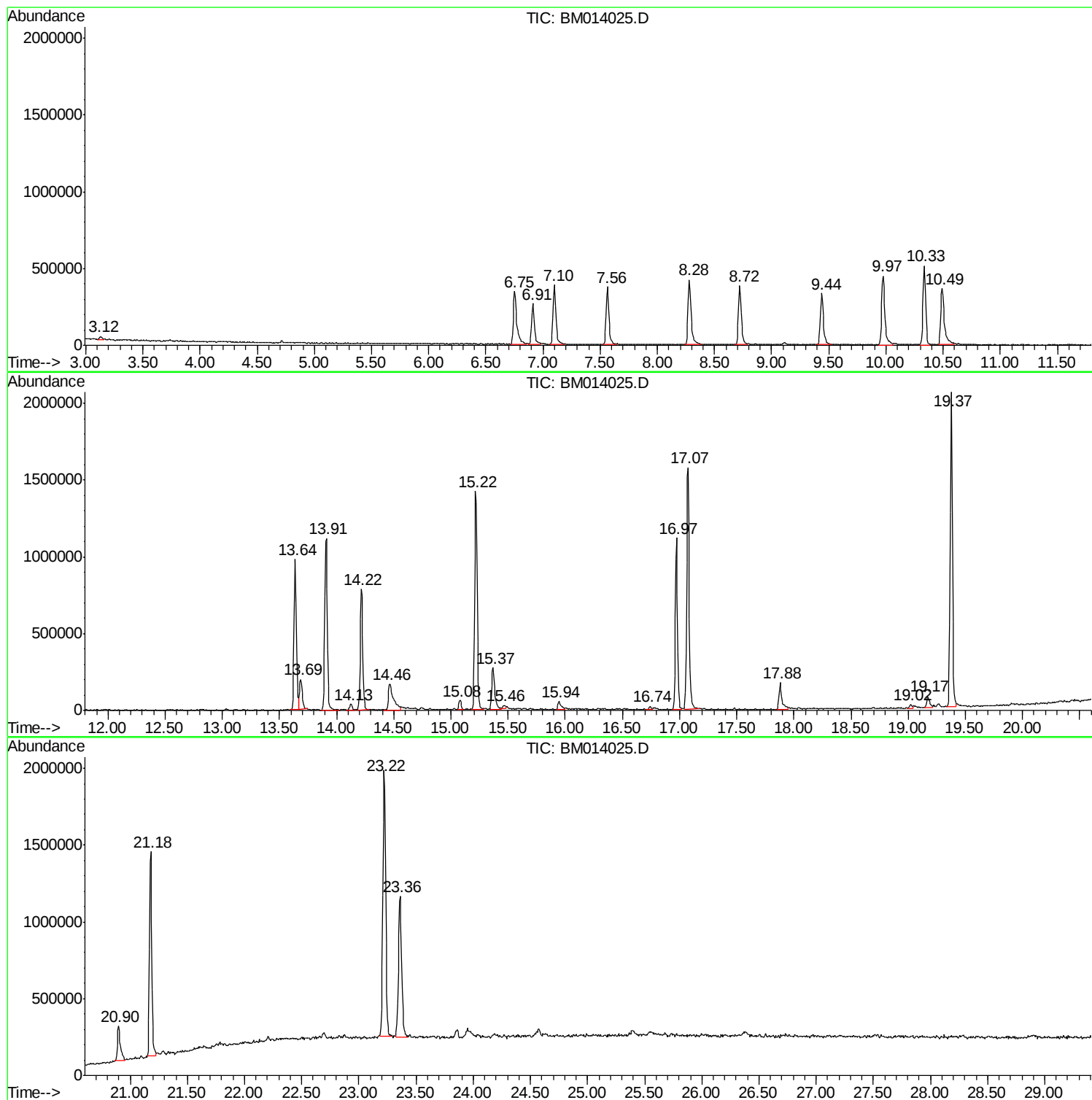
Sum of corrected areas: 29893207

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

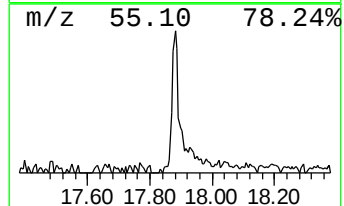
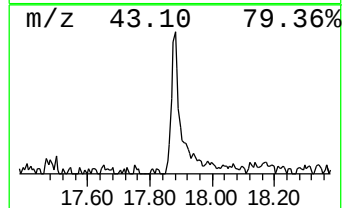
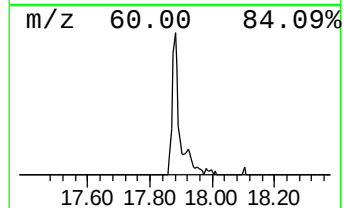
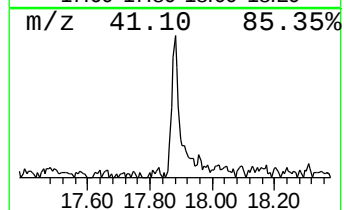
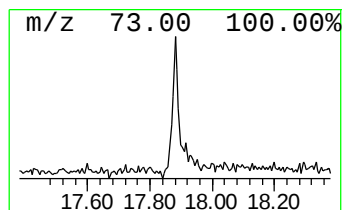
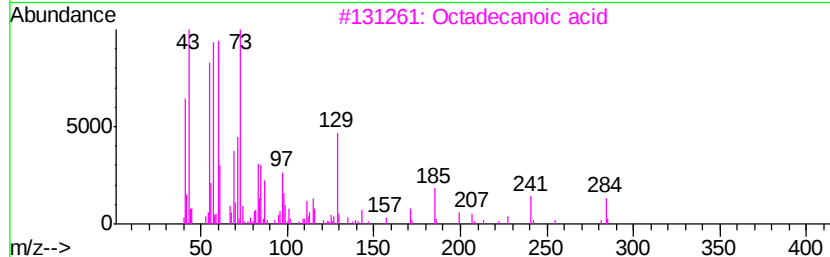
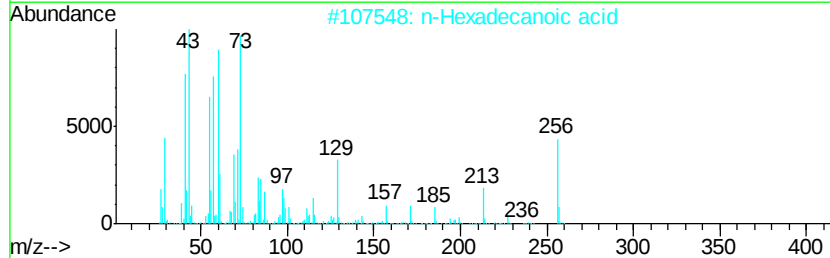
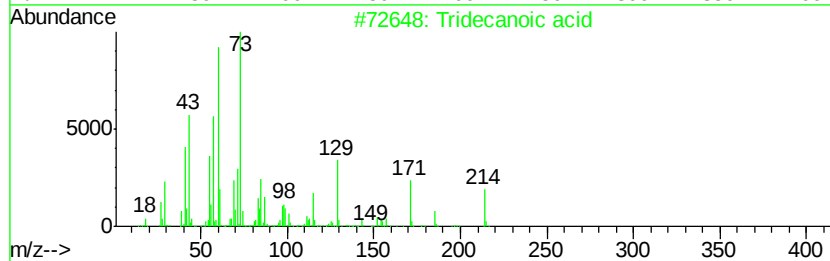
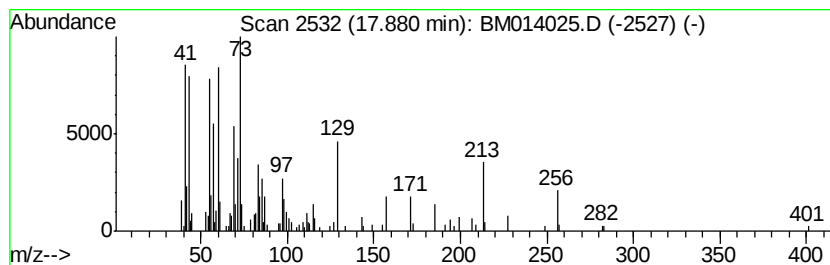
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Tridecanoic acid Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.88 | 3.91 ng/ul | 295974 | Phenanthrene-d10 | 16.97 |

| Hit# of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|---------|---|---------------------|-----|----------|-------------|------|
| 1       |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |
| 2       |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90   |
| 3       |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 68   |
| 4       |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 60   |
| 5       |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 60   |



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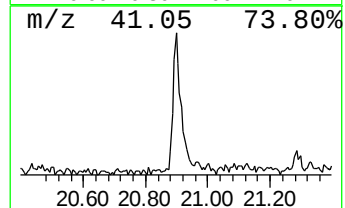
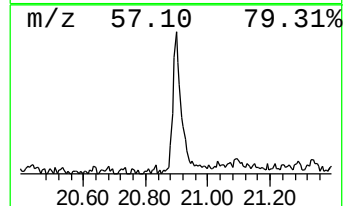
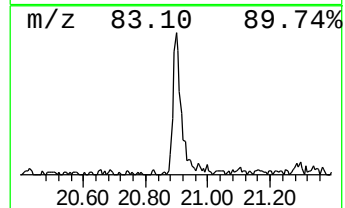
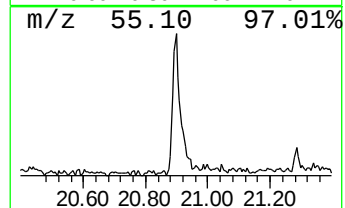
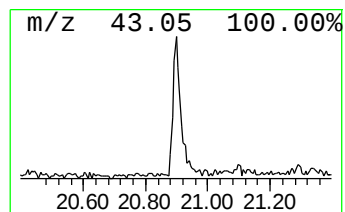
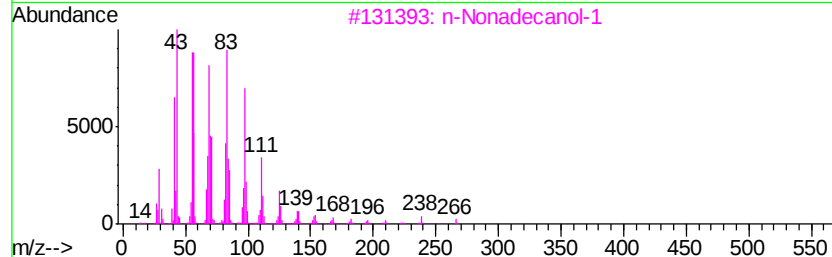
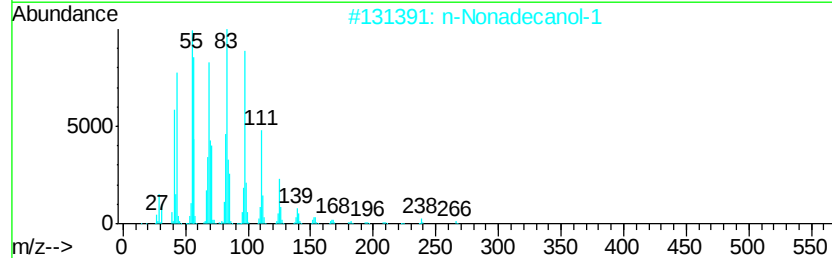
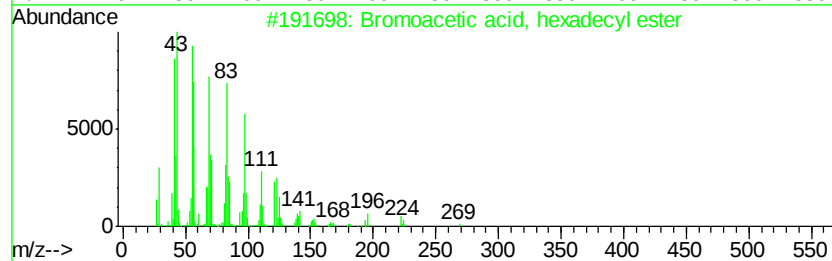
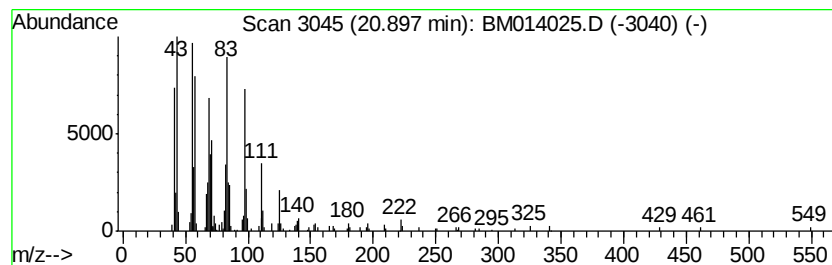
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Peak Number 2 Bromoacetic acid, hexadecyl... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.90 | 4.47 ng/ul | 415132 | Chrysene-d12     | 21.18 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | Bromoacetic acid, hexadecyl ester   | 362 | C18H35BrO2  | 005454-48-8 | 94   |
| 2    |    | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8 | 93   |
| 3    |    | n-Nonadecanol-1                     | 284 | C19H40O     | 001454-84-8 | 91   |
| 4    |    | Behenic alcohol                     | 326 | C22H46O     | 000661-19-8 | 91   |
| 5    |    | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 91   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Tridecanoic acid     | 17.88 | 3.9     | ng/ul | 295974   | 4                     | 16.97 | 1515660 | 20.0 |
| Bromoacetic acid,... | 20.90 | 4.5     | ng/ul | 415132   | 5                     | 21.18 | 1859150 | 20.0 |