

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\  
 Data File : BM004395.D  
 Acq On : 24 Feb 2016 21:11  
 Operator : SJ/UM  
 Sample : H1515-16  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 0311-S23-0312

## 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-BM022216.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         | 2.740       | 4             | 9           | 19           | rBV      | 76133          | 135406        | 15.55%          | 1.722%        |
| 2         | 2.816       | 19            | 22          | 37           | rVB      | 61275          | 87352         | 10.03%          | 1.111%        |
| 3         | 6.810       | 696           | 701         | 715          | rBB      | 86037          | 140576        | 16.14%          | 1.788%        |
| 4         | 6.957       | 721           | 726         | 736          | rBB      | 75386          | 116488        | 13.38%          | 1.482%        |
| 5         | 7.157       | 755           | 760         | 770          | rBB      | 99292          | 155303        | 17.84%          | 1.975%        |
| 6         | 7.622       | 833           | 839         | 846          | rBB      | 81962          | 123872        | 14.23%          | 1.575%        |
| 7         | 8.345       | 957           | 962         | 975          | rBB      | 112887         | 180384        | 20.72%          | 2.294%        |
| 8         | 8.781       | 1030          | 1036        | 1046         | rBB      | 93833          | 152798        | 17.55%          | 1.943%        |
| 9         | 9.504       | 1153          | 1159        | 1167         | rBB      | 83976          | 132522        | 15.22%          | 1.686%        |
| 10        | 10.045      | 1245          | 1251        | 1266         | rBV      | 128384         | 216119        | 24.82%          | 2.749%        |
| 11        | 10.410      | 1306          | 1313        | 1321         | rBB      | 136452         | 220182        | 25.29%          | 2.800%        |
| 12        | 10.557      | 1332          | 1338        | 1359         | rBB      | 120468         | 208966        | 24.00%          | 2.658%        |
| 13        | 13.698      | 1866          | 1872        | 1876         | rBV      | 287326         | 386716        | 44.41%          | 4.919%        |
| 14        | 13.745      | 1876          | 1880        | 1886         | rVB      | 83926          | 111422        | 12.80%          | 1.417%        |
| 15        | 13.974      | 1913          | 1919        | 1932         | rBB      | 335069         | 484804        | 55.68%          | 6.166%        |
| 16        | 14.180      | 1951          | 1954        | 1958         | rBB      | 10505          | 11339         | 1.30%           | 0.144%        |
| 17        | 14.286      | 1966          | 1972        | 1979         | rBB2     | 220088         | 330481        | 37.96%          | 4.203%        |
| 18        | 14.533      | 2009          | 2014        | 2028         | rBV      | 61665          | 121187        | 13.92%          | 1.541%        |
| 19        | 15.139      | 2113          | 2117        | 2121         | rBB      | 14144          | 16768         | 1.93%           | 0.213%        |
| 20        | 15.286      | 2136          | 2142        | 2149         | rBV      | 437162         | 623913        | 71.66%          | 7.935%        |
| 21        | 15.433      | 2162          | 2167        | 2175         | rBB      | 68013          | 91657         | 10.53%          | 1.166%        |
| 22        | 15.998      | 2260          | 2263        | 2273         | rBV      | 13458          | 21613         | 2.48%           | 0.275%        |
| 23        | 17.039      | 2434          | 2440        | 2446         | rBV2     | 298419         | 412470        | 47.37%          | 5.246%        |
| 24        | 17.139      | 2451          | 2457        | 2474         | rVB2     | 497591         | 692782        | 79.56%          | 8.811%        |
| 25        | 19.109      | 2789          | 2792        | 2797         | rVB      | 10722          | 13331         | 1.53%           | 0.170%        |
| 26        | 19.451      | 2843          | 2850        | 2864         | rBV      | 623512         | 870716        | 100.00%         | 11.074%       |
| 27        | 20.950      | 3100          | 3105        | 3114         | rBV      | 106262         | 153482        | 17.63%          | 1.952%        |
| 28        | 21.156      | 3137          | 3140        | 3145         | rVB      | 10282          | 11577         | 1.33%           | 0.147%        |
| 29        | 21.250      | 3150          | 3156        | 3161         | rBV      | 396843         | 501505        | 57.60%          | 6.379%        |
| 30        | 22.274      | 3327          | 3330        | 3335         | rVB3     | 9683           | 12670         | 1.46%           | 0.161%        |
| 31        | 22.397      | 3348          | 3351        | 3356         | rBV2     | 9089           | 11483         | 1.32%           | 0.146%        |
| 32        | 22.774      | 3412          | 3415        | 3419         | rVV      | 13909          | 18362         | 2.11%           | 0.234%        |
| 33        | 22.827      | 3419          | 3424        | 3435         | rVB5     | 5325           | 15725         | 1.81%           | 0.200%        |
| 34        | 23.333      | 3503          | 3510        | 3526         | rVB      | 346725         | 659323        | 75.72%          | 8.386%        |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\  
Data File : BM004395.D  
Acq On : 24 Feb 2016 21:11  
Operator : SJ/UM  
Sample : H1515-16  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
0311-S23-0312

## 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-BM022216.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 23.474 | 3527 | 3534 | 3544 | rBV2 | 198990 | 365368 | 41.96% | 4.647% |
| 36 | 23.956 | 3612 | 3616 | 3625 | rVB2 | 16715  | 31985  | 3.67%  | 0.407% |
| 37 | 24.685 | 3736 | 3740 | 3747 | rVB3 | 11981  | 21750  | 2.50%  | 0.277% |

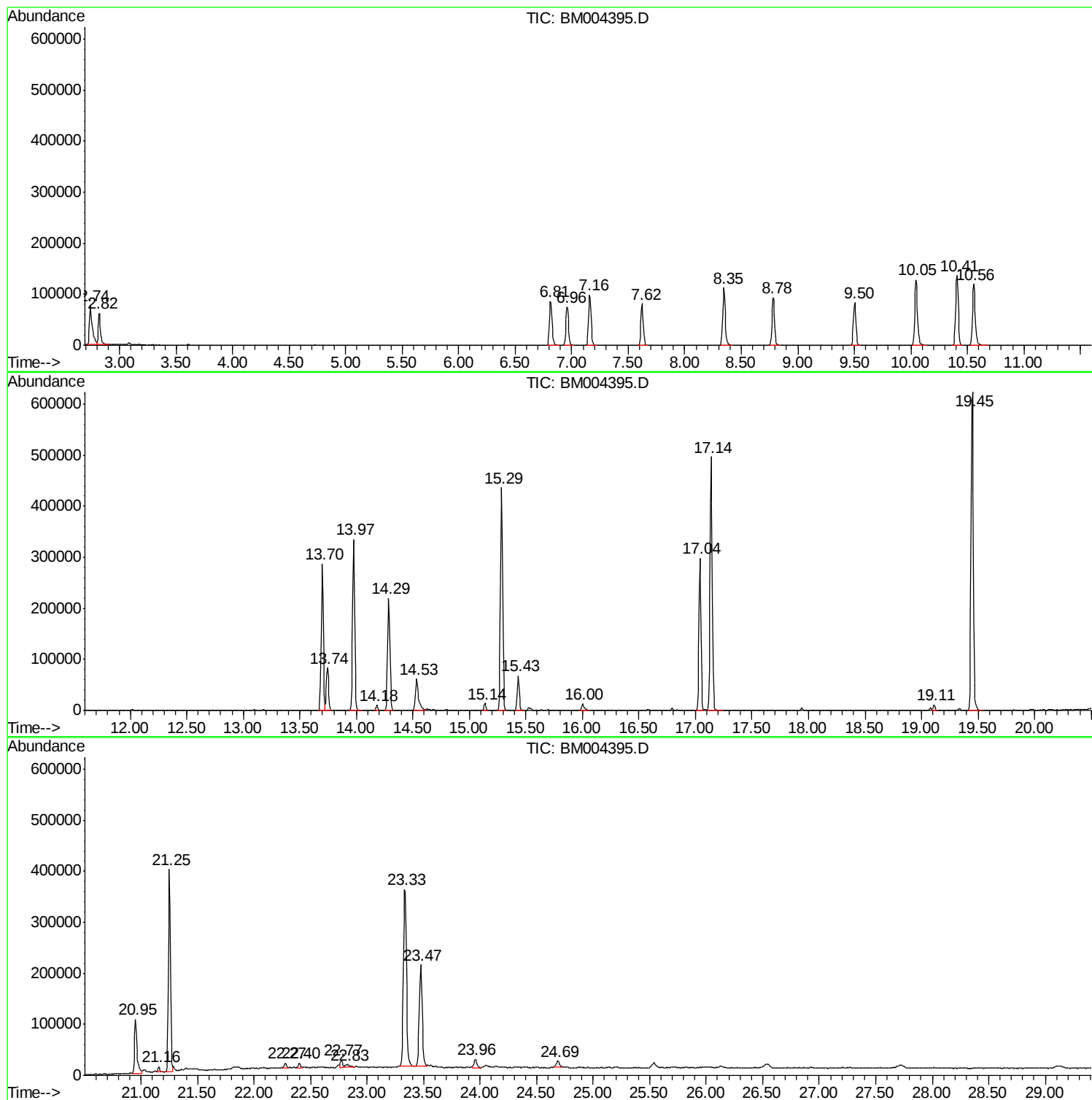
Sum of corrected areas: 7862397

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\  
Data File : BM004395.D  
Acq On : 24 Feb 2016 21:11  
Operator : SJ/UM  
Sample : H1515-16  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
0311-S23-0312

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\  
Data File : BM004395.D  
Acq On : 24 Feb 2016 21:11  
Operator : SJ/UM  
Sample : H1515-16  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
0311-S23-0312

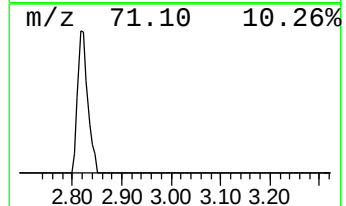
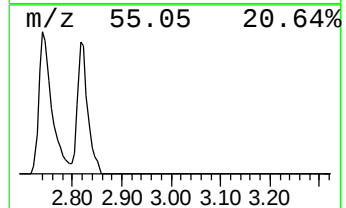
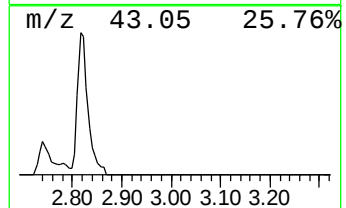
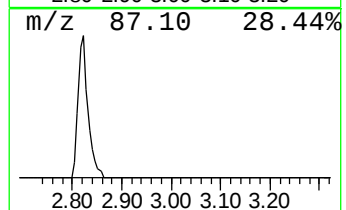
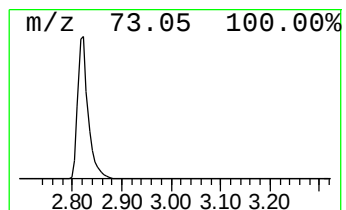
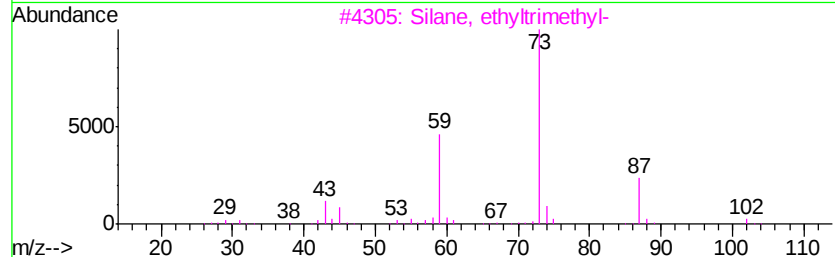
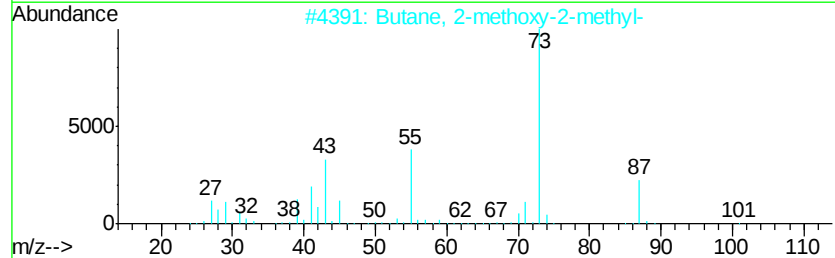
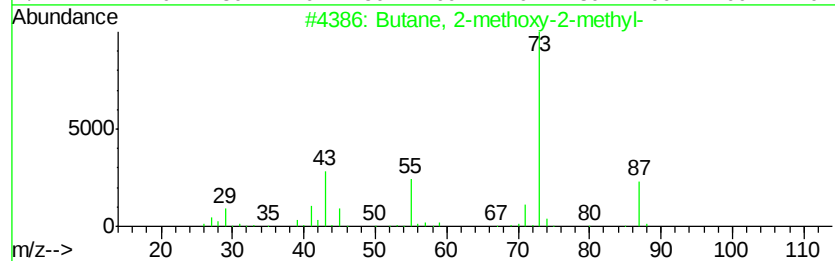
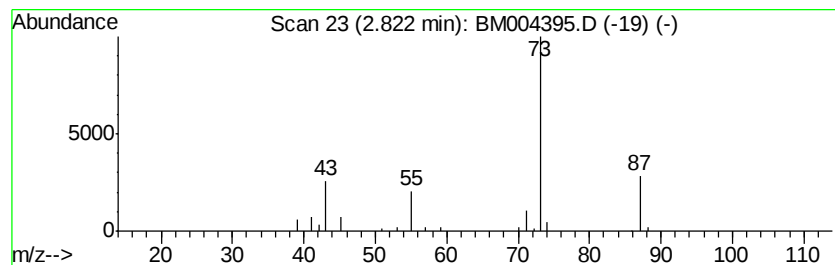
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T. | EstConc     | Area  | Relative to ISTD       | R.T. |
|------|-------------|-------|------------------------|------|
| 2.82 | 14.10 ng/ul | 87352 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 90   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 3    |    | Silane, ethyltrimethyl-     | 102 | C5H14Si | 003439-38-1 | 36   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\  
Data File : BM004395.D  
Acq On : 24 Feb 2016 21:11  
Operator : SJ/UM  
Sample : H1515-16  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
0311-S23-0312

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M  
Quant Title : SVOA CALIBRATION

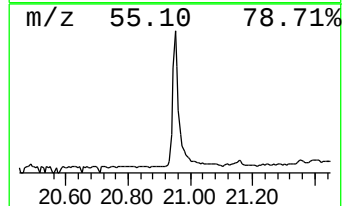
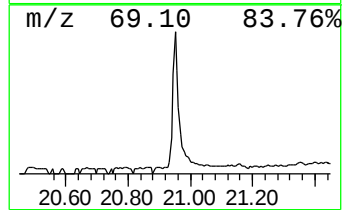
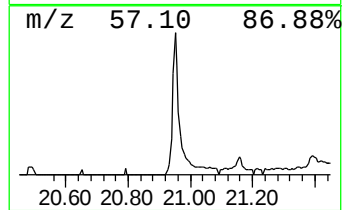
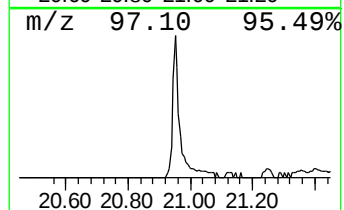
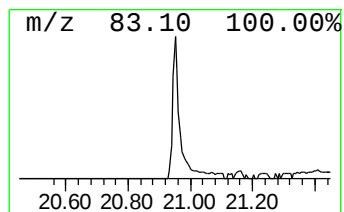
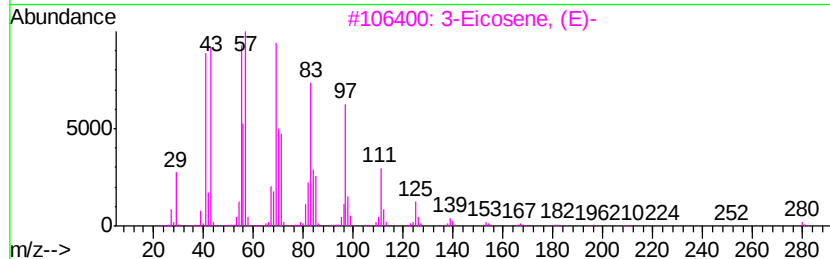
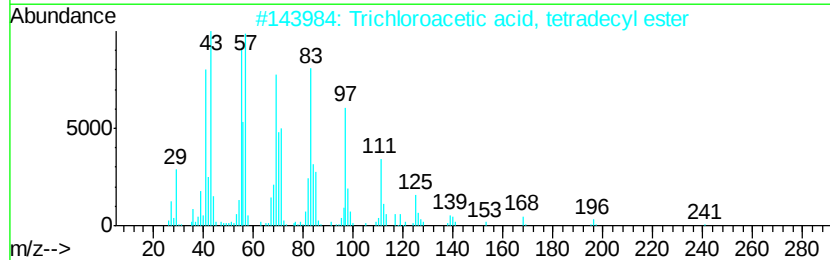
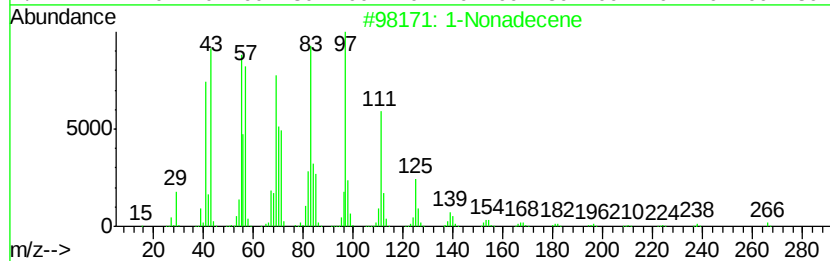
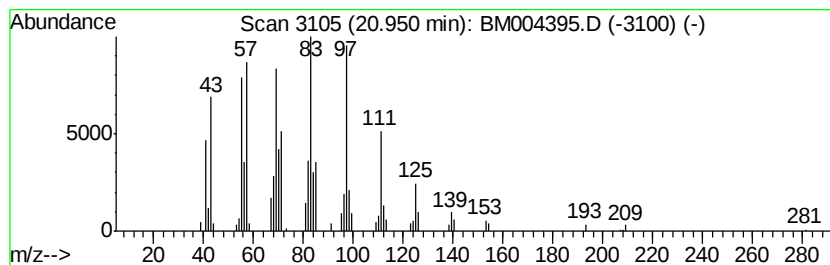
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Cyclic20.95 Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 20.95 | 6.12 ng/ul | 153482 | Chrysene-d12     | 21.25 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5 | 94   |
| 2    |    |   | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 91   |
| 3    |    |   | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9 | 91   |
| 4    |    |   | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91   |
| 5    |    |   | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 91   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM022416\  
Data File : BM004395.D  
Acq On : 24 Feb 2016 21:11  
Operator : SJ/UM  
Sample : H1515-16  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
0311-S23-0312

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM022216.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-methoxy... | 2.82  | 14.1    | ng/ul | 87352    | 1                     | 7.62  | 123872 | 20.0 |
| (DEL) Alkane: Cyc... | 20.95 | 6.1     | ng/ul | 153482   | 5                     | 21.25 | 501505 | 20.0 |