

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043016\  
 Data File : BM005175.D  
 Acq On : 30 Apr 2016 15:58  
 Operator : UM/SJ  
 Sample : H2782-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC4

## 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       | 721           | 726         | 735          | rBB      | 24690          | 37925         | 4.21%           | 0.426%        |
| 2         | 7.122       | 748           | 754         | 763          | rBB      | 116928         | 183823        | 20.41%          | 2.066%        |
| 3         | 7.322       | 782           | 788         | 798          | rBB      | 114810         | 182012        | 20.21%          | 2.046%        |
| 4         | 7.787       | 861           | 867         | 876          | rBB      | 131266         | 206467        | 22.92%          | 2.320%        |
| 5         | 8.487       | 981           | 986         | 997          | rBB      | 88656          | 141237        | 15.68%          | 1.587%        |
| 6         | 8.940       | 1057          | 1063        | 1074         | rBV      | 145839         | 238563        | 26.48%          | 2.681%        |
| 7         | 9.663       | 1180          | 1186        | 1193         | rBV      | 118854         | 192884        | 21.41%          | 2.168%        |
| 8         | 10.198      | 1271          | 1277        | 1291         | rBV      | 176685         | 297224        | 33.00%          | 3.340%        |
| 9         | 10.575      | 1334          | 1341        | 1352         | rBB      | 199864         | 332879        | 36.95%          | 3.741%        |
| 10        | 11.286      | 1456          | 1462        | 1468         | rBB      | 50883          | 78798         | 8.75%           | 0.886%        |
| 11        | 11.822      | 1549          | 1553        | 1561         | rBB      | 17552          | 28834         | 3.20%           | 0.324%        |
| 12        | 13.833      | 1889          | 1895        | 1904         | rBB      | 396970         | 543651        | 60.35%          | 6.110%        |
| 13        | 14.116      | 1937          | 1943        | 1952         | rBV      | 430358         | 648171        | 71.96%          | 7.284%        |
| 14        | 14.427      | 1990          | 1996        | 2003         | rBV2     | 317461         | 476026        | 52.85%          | 5.350%        |
| 15        | 14.627      | 2024          | 2030        | 2042         | rBB2     | 76102          | 123936        | 13.76%          | 1.393%        |
| 16        | 15.421      | 2159          | 2165        | 2174         | rBB      | 567139         | 823303        | 91.40%          | 9.253%        |
| 17        | 15.539      | 2181          | 2185        | 2193         | rBV      | 137043         | 188147        | 20.89%          | 2.114%        |
| 18        | 17.174      | 2457          | 2463        | 2473         | rVB      | 378243         | 543895        | 60.38%          | 6.112%        |
| 19        | 17.274      | 2473          | 2480        | 2490         | rBV2     | 576845         | 846131        | 93.93%          | 9.509%        |
| 20        | 19.568      | 2864          | 2870        | 2880         | rBV2     | 664052         | 900776        | 100.00%         | 10.123%       |
| 21        | 21.362      | 3169          | 3175        | 3181         | rBV      | 448023         | 554260        | 61.53%          | 6.229%        |
| 22        | 22.927      | 3437          | 3441        | 3446         | rVB2     | 7833           | 10913         | 1.21%           | 0.123%        |
| 23        | 23.497      | 3530          | 3538        | 3551         | rBV2     | 405388         | 767761        | 85.23%          | 8.628%        |
| 24        | 23.644      | 3555          | 3563        | 3573         | rVB2     | 264296         | 504337        | 55.99%          | 5.668%        |
| 25        | 24.156      | 3645          | 3650        | 3655         | rVB      | 12114          | 21777         | 2.42%           | 0.245%        |
| 26        | 24.909      | 3773          | 3778        | 3784         | rBV3     | 11902          | 24410         | 2.71%           | 0.274%        |

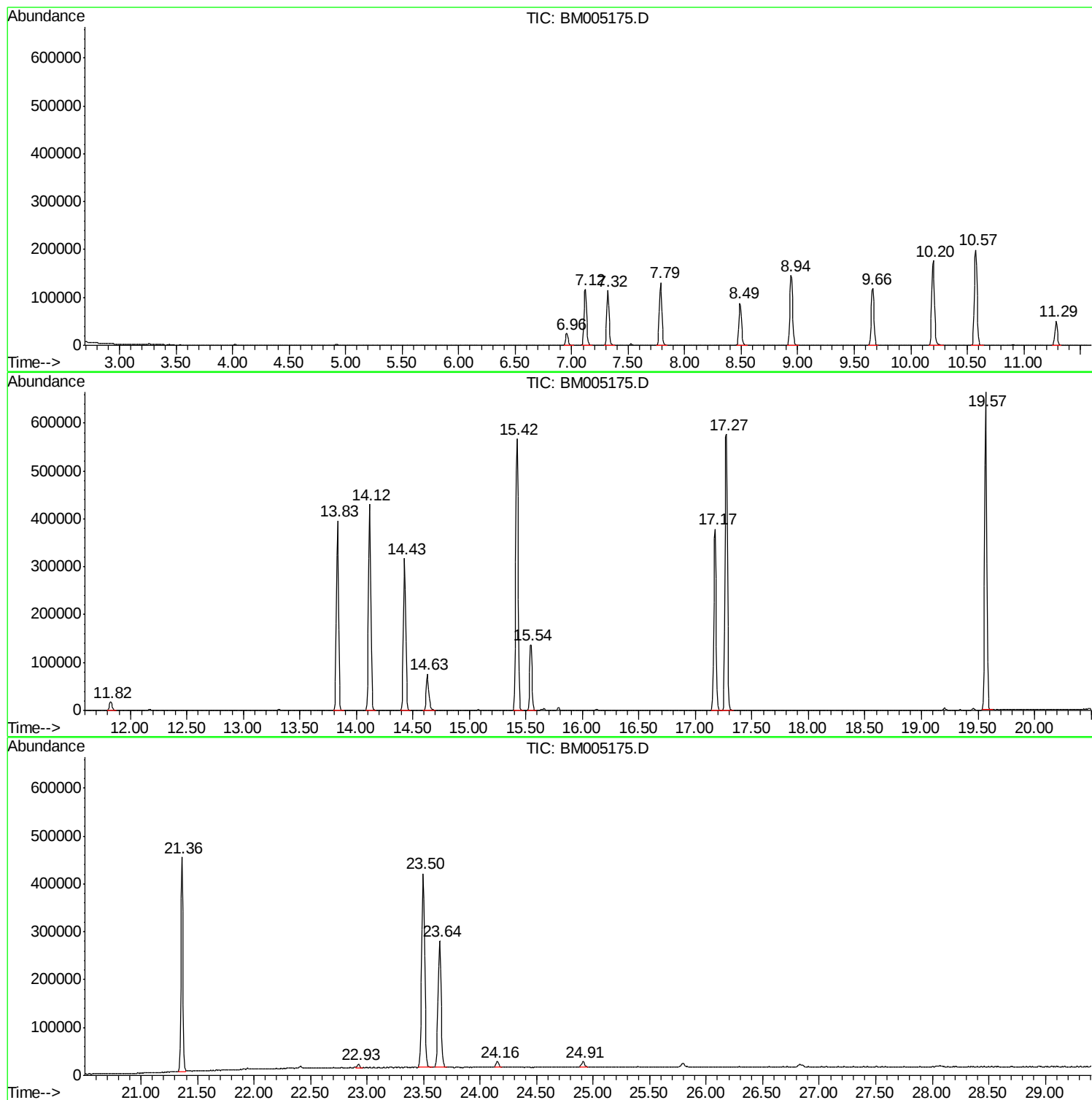
Sum of corrected areas: 8898140

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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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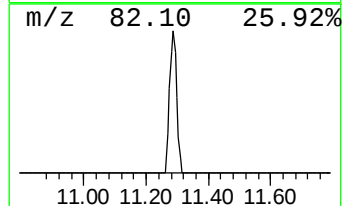
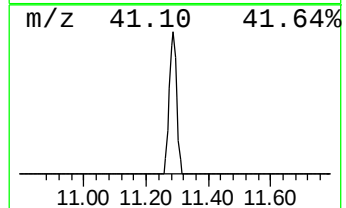
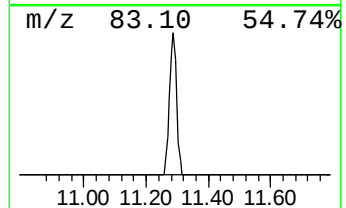
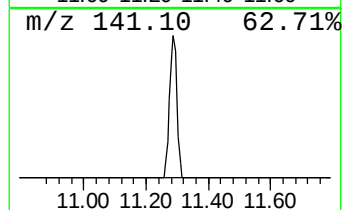
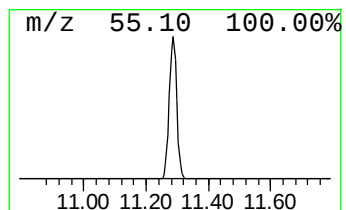
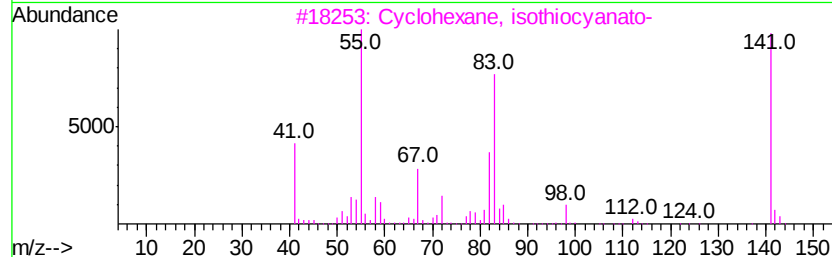
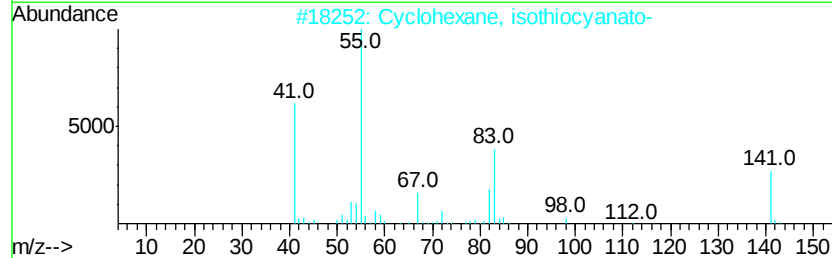
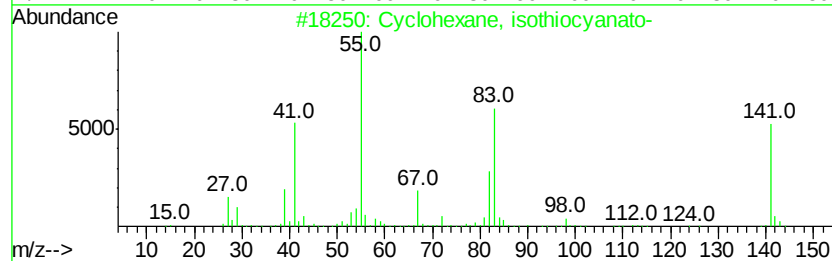
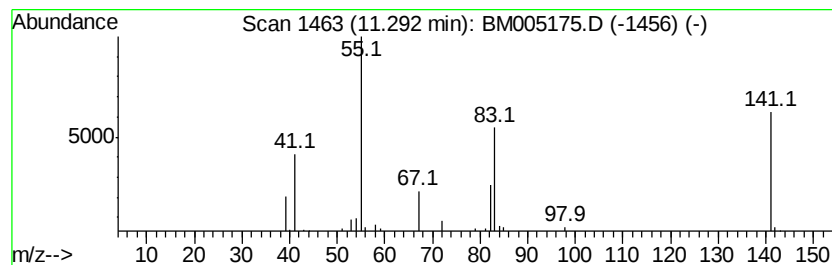
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Peak Number 1 Cyclohexane, isothiocyanato- Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 11.29 | 4.73 ng/ul | 78798 | Naphthalene-d8   | 10.57 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, isothiocyanato-        | 141 | C7H11NS | 001122-82-3 | 95   |
| 2    |    |   | Cyclohexane, isothiocyanato-        | 141 | C7H11NS | 001122-82-3 | 94   |
| 3    |    |   | Cyclohexane, isothiocyanato-        | 141 | C7H11NS | 001122-82-3 | 62   |
| 4    |    |   | 1-Cyclohexyl-1-propyne              | 122 | C9H14   | 018736-95-3 | 47   |
| 5    |    |   | Cyclopentane, 1-methyl-2-(2-prop... | 124 | C9H16   | 050746-53-7 | 43   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Cyclohexane, isot... | 11.29 | 4.7     | ng/ul | 78798    | 2                     | 10.57 | 332879 | 20.0 |