

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM102816\  
 Data File : BM007740.D  
 Acq On : 28 Oct 2016 13:28  
 Operator : UM/SJ  
 Sample : H5441-13 2X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PRERV-SS009-0003-01

## 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-BM102016.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         | 2.640       | 6             | 9           | 20           | rVB6     | 43770          | 104678        | 3.91%           | 0.523%        |
| 2         | 2.893       | 48            | 52          | 58           | rVB2     | 24938          | 34435         | 1.29%           | 0.172%        |
| 3         | 4.222       | 273           | 278         | 285          | rBV      | 37914          | 63308         | 2.36%           | 0.316%        |
| 4         | 4.622       | 342           | 346         | 352          | rVB4     | 23340          | 35663         | 1.33%           | 0.178%        |
| 5         | 4.916       | 392           | 396         | 401          | rBV3     | 17243          | 27692         | 1.03%           | 0.138%        |
| 6         | 5.769       | 535           | 541         | 548          | rVB      | 30503          | 49914         | 1.86%           | 0.249%        |
| 7         | 6.928       | 732           | 738         | 750          | rBV      | 157008         | 307204        | 11.47%          | 1.533%        |
| 8         | 7.092       | 760           | 766         | 773          | rBV      | 132180         | 213838        | 7.98%           | 1.067%        |
| 9         | 7.287       | 793           | 799         | 810          | rVB      | 174492         | 289688        | 10.81%          | 1.446%        |
| 10        | 7.751       | 871           | 878         | 890          | rBV      | 611894         | 1010388       | 37.72%          | 5.043%        |
| 11        | 8.457       | 993           | 998         | 1010         | rBV      | 169435         | 307090        | 11.46%          | 1.533%        |
| 12        | 8.910       | 1069          | 1075        | 1089         | rBV      | 147525         | 271570        | 10.14%          | 1.356%        |
| 13        | 9.628       | 1191          | 1197        | 1208         | rVB      | 105329         | 187180        | 6.99%           | 0.934%        |
| 14        | 10.169      | 1282          | 1289        | 1311         | rBV      | 136424         | 317996        | 11.87%          | 1.587%        |
| 15        | 10.527      | 1343          | 1350        | 1362         | rBV      | 775105         | 1326362       | 49.51%          | 6.621%        |
| 16        | 10.686      | 1371          | 1377        | 1392         | rBV2     | 101659         | 247786        | 9.25%           | 1.237%        |
| 17        | 13.798      | 1900          | 1906        | 1910         | rBV      | 336007         | 508214        | 18.97%          | 2.537%        |
| 18        | 13.845      | 1910          | 1914        | 1921         | rVB      | 291580         | 427491        | 15.96%          | 2.134%        |
| 19        | 14.074      | 1946          | 1953        | 1963         | rBV      | 377104         | 579107        | 21.62%          | 2.891%        |
| 20        | 14.380      | 1998          | 2005        | 2015         | rBV      | 1121389        | 1688037       | 63.02%          | 8.426%        |
| 21        | 14.621      | 2042          | 2046        | 2058         | rBV3     | 36803          | 106327        | 3.97%           | 0.531%        |
| 22        | 15.380      | 2168          | 2175        | 2182         | rBV      | 548471         | 801410        | 29.92%          | 4.000%        |
| 23        | 15.515      | 2193          | 2198        | 2208         | rBV      | 70495          | 136375        | 5.09%           | 0.681%        |
| 24        | 16.092      | 2292          | 2296        | 2300         | rBV2     | 20156          | 31229         | 1.17%           | 0.156%        |
| 25        | 17.127      | 2463          | 2472        | 2478         | rBV      | 1385355        | 1991535       | 74.35%          | 9.941%        |
| 26        | 17.227      | 2483          | 2489        | 2500         | rVB2     | 551716         | 853854        | 31.88%          | 4.262%        |
| 27        | 17.962      | 2609          | 2614        | 2619         | rBV      | 68133          | 102461        | 3.82%           | 0.511%        |
| 28        | 18.015      | 2619          | 2623        | 2629         | rVV3     | 77212          | 109886        | 4.10%           | 0.548%        |
| 29        | 19.192      | 2814          | 2823        | 2829         | rBV      | 91599          | 190471        | 7.11%           | 0.951%        |
| 30        | 19.303      | 2838          | 2842        | 2846         | rBV6     | 30570          | 47887         | 1.79%           | 0.239%        |
| 31        | 19.521      | 2874          | 2879        | 2894         | rBV      | 794577         | 1215880       | 45.39%          | 6.069%        |
| 32        | 21.315      | 3179          | 3184        | 3189         | rBV      | 1991162        | 2652627       | 99.03%          | 13.241%       |
| 33        | 23.421      | 3537          | 3542        | 3549         | rBV      | 622272         | 1117667       | 41.72%          | 5.579%        |
| 34        | 23.562      | 3561          | 3566        | 3575         | rVB      | 1398294        | 2678726       | 100.00%         | 13.371%       |

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Sampling : 1 Min Area: 1 % of largest Peak  
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

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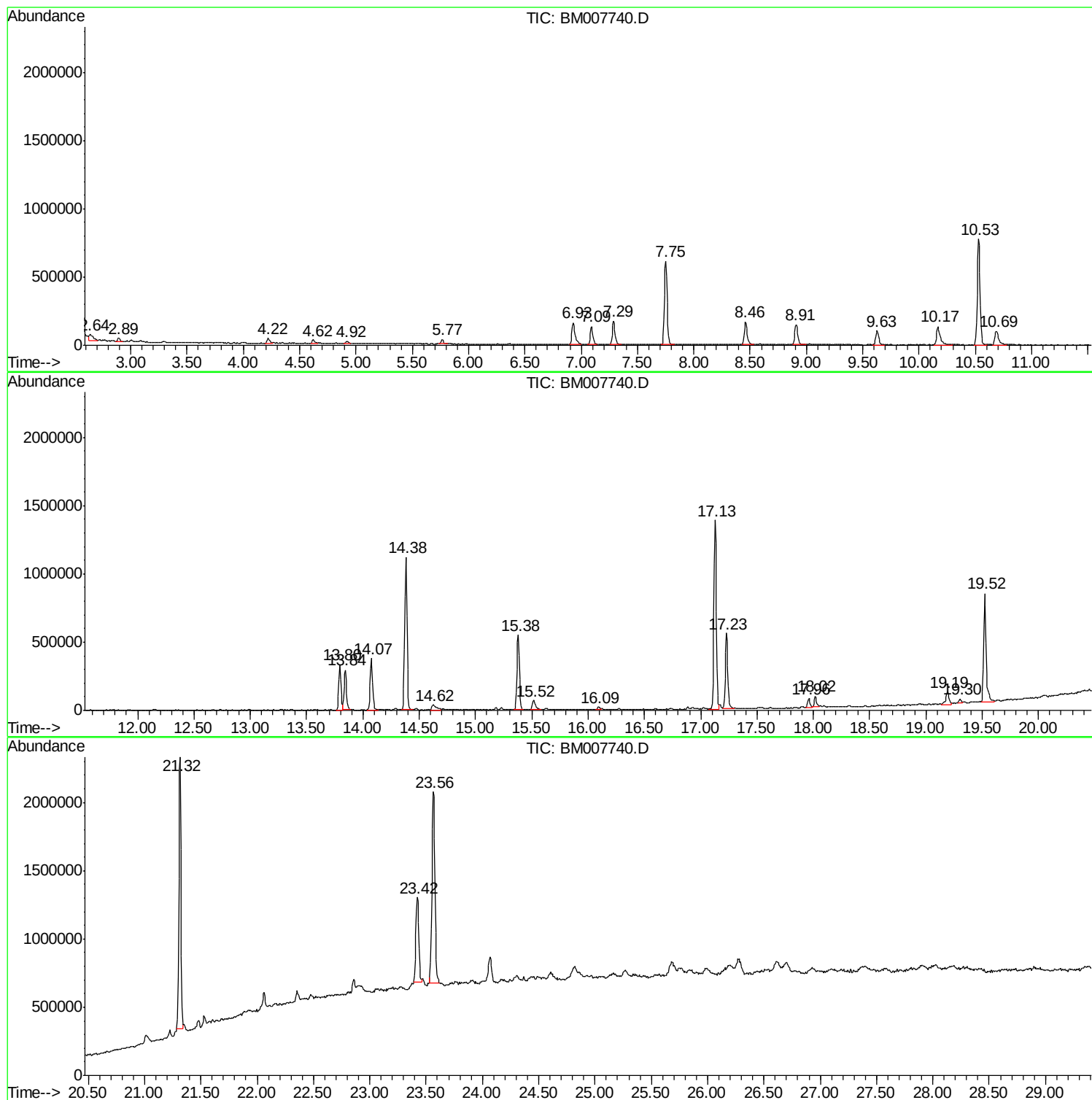
Sum of corrected areas: 20033976

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM102016.M  
Quant Title : SVOA CALIBRATION

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



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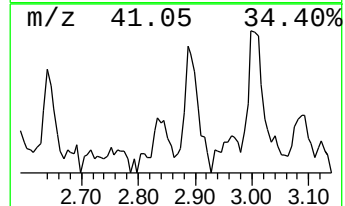
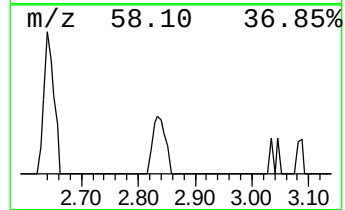
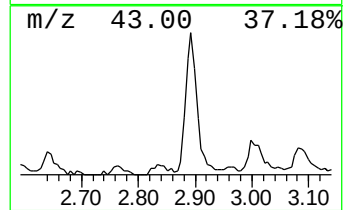
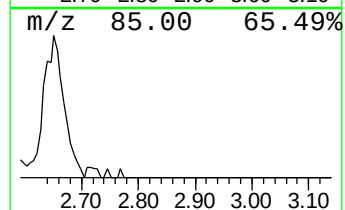
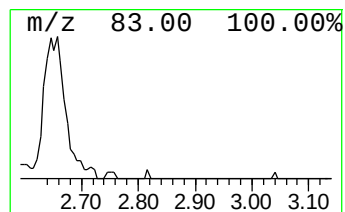
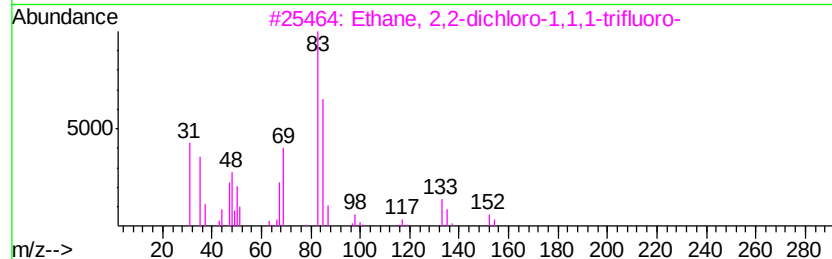
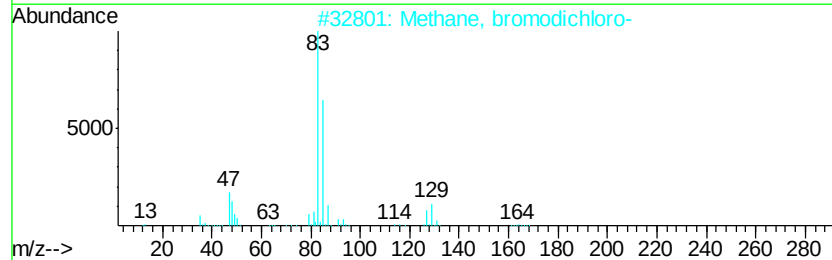
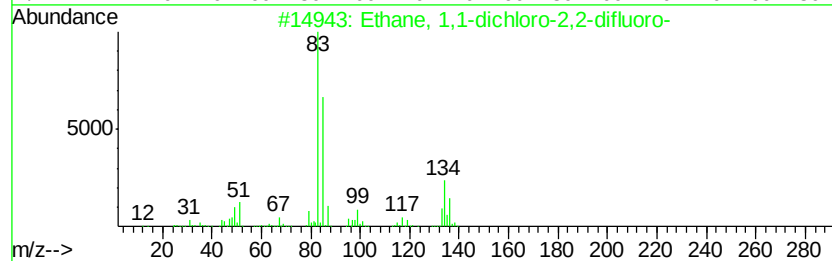
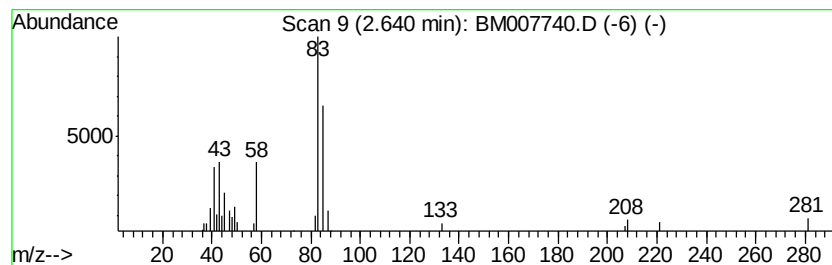
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethane, 1,1-dichloro-2,2-di... Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 2.64 | 2.07 ng/ul | 104678 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Ethane, 1,1-dichloro-2,2-difluoro-  | 134 | C2H2Cl2F2 | 000471-43-2 | 59   |
| 2    |    |   | Methane, bromodichloro-             | 162 | CHBrCl2   | 000075-27-4 | 53   |
| 3    |    |   | Ethane, 2,2-dichloro-1,1,1-trifl... | 152 | C2HCl2F3  | 000306-83-2 | 53   |
| 4    |    |   | Methane, oxybis[dichloro-           | 182 | C2H2Cl4O  | 020524-86-1 | 53   |
| 5    |    |   | Trichloromethane                    | 118 | CHCl3     | 000067-66-3 | 42   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Ethane, 1,1-dichl... | 2.64 | 2.1     | ng/ul | 104678   | 1                     | 7.75 | 1010390 | 20.0 |