

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\  
 Data File : BM014810.D  
 Acq On : 24 Apr 2018 15:21  
 Operator : SJ/JU  
 Sample : J2466-04  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AFO

## 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-BM041918.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         | 3.357       | 7             | 12          | 30           | rVB      | 1010466        | 1610129       | 11.79%          | 1.285%        |
| 2         | 3.657       | 59            | 63          | 73           | rVB      | 139895         | 228296        | 1.67%           | 0.182%        |
| 3         | 7.645       | 735           | 741         | 752          | rVB      | 566977         | 915500        | 6.70%           | 0.731%        |
| 4         | 7.827       | 765           | 772         | 783          | rBV      | 1821221        | 2875056       | 21.05%          | 2.295%        |
| 5         | 8.045       | 801           | 809         | 816          | rBV      | 1897046        | 3143383       | 23.02%          | 2.509%        |
| 6         | 8.527       | 883           | 891         | 899          | rBV      | 1732118        | 2910869       | 21.32%          | 2.324%        |
| 7         | 9.221       | 1002          | 1009        | 1019         | rBV      | 1535336        | 2474884       | 18.12%          | 1.976%        |
| 8         | 9.710       | 1083          | 1092        | 1100         | rBV      | 2202914        | 3821613       | 27.99%          | 3.051%        |
| 9         | 10.439      | 1207          | 1216        | 1228         | rBV      | 1815537        | 3147422       | 23.05%          | 2.512%        |
| 10        | 10.974      | 1299          | 1307        | 1315         | rBV      | 2666721        | 4419100       | 32.36%          | 3.527%        |
| 11        | 11.368      | 1366          | 1374        | 1383         | rBV      | 2470445        | 4275305       | 31.31%          | 3.413%        |
| 12        | 14.515      | 1901          | 1909        | 1916         | rBV      | 4906582        | 6996790       | 51.24%          | 5.585%        |
| 13        | 14.827      | 1954          | 1962        | 1974         | rBV      | 5809745        | 8468298       | 62.02%          | 6.760%        |
| 14        | 15.127      | 2006          | 2013        | 2022         | rBV2     | 3562266        | 5511583       | 40.36%          | 4.399%        |
| 15        | 15.280      | 2033          | 2039        | 2050         | rBV      | 567986         | 865727        | 6.34%           | 0.691%        |
| 16        | 16.103      | 2172          | 2179        | 2187         | rBV      | 7279418        | 10290247      | 75.36%          | 8.214%        |
| 17        | 16.203      | 2189          | 2196        | 2210         | rBV      | 2435858        | 3343521       | 24.49%          | 2.669%        |
| 18        | 17.839      | 2467          | 2474        | 2483         | rBV2     | 4570405        | 6463338       | 47.33%          | 5.159%        |
| 19        | 17.939      | 2484          | 2491        | 2504         | rVV      | 7655949        | 11103074      | 81.31%          | 8.863%        |
| 20        | 18.662      | 2609          | 2614        | 2622         | rBV      | 228219         | 337812        | 2.47%           | 0.270%        |
| 21        | 19.815      | 2806          | 2810        | 2815         | rVB      | 107387         | 152627        | 1.12%           | 0.122%        |
| 22        | 19.903      | 2821          | 2825        | 2834         | rBV      | 188408         | 286872        | 2.10%           | 0.229%        |
| 23        | 20.174      | 2865          | 2871        | 2879         | rBV      | 9547017        | 12641489      | 92.58%          | 10.091%       |
| 24        | 21.927      | 3163          | 3169        | 3176         | rBV      | 5616989        | 7656347       | 56.07%          | 6.111%        |
| 25        | 24.262      | 3557          | 3566        | 3576         | rVB      | 6573031        | 13654980      | 100.00%         | 10.900%       |
| 26        | 24.415      | 3585          | 3592        | 3601         | rVB2     | 3655288        | 7683841       | 56.27%          | 6.133%        |

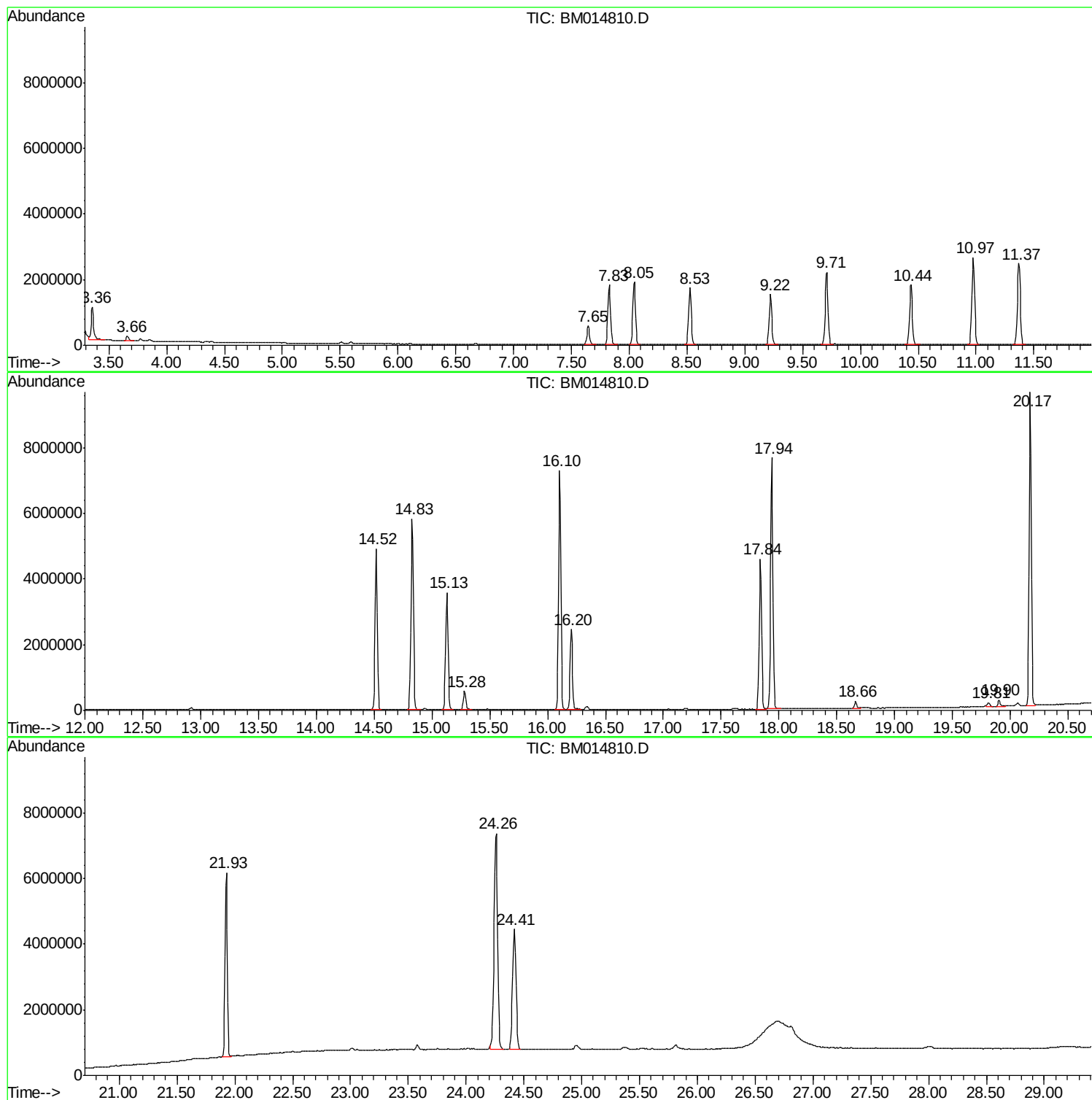
Sum of corrected areas: 125278103

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M  
Quant Title : SVOA CALIBRATION

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



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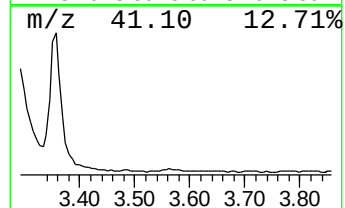
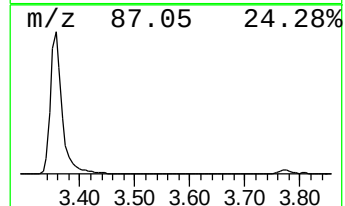
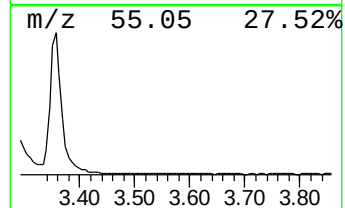
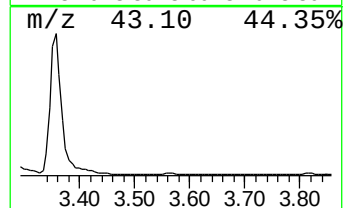
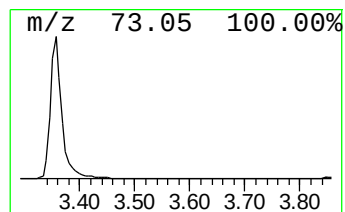
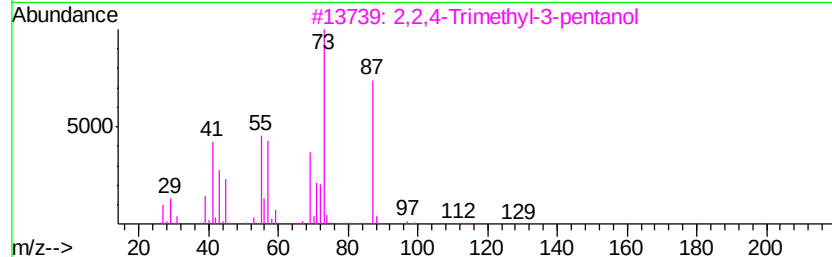
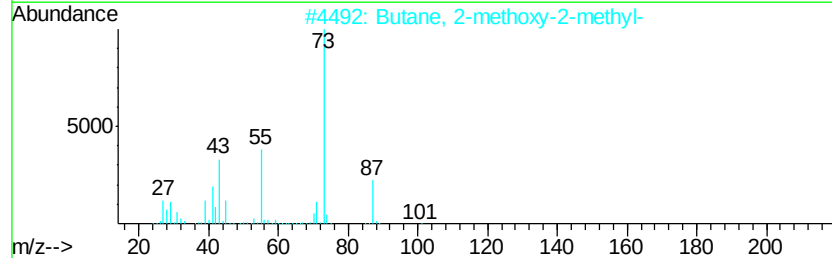
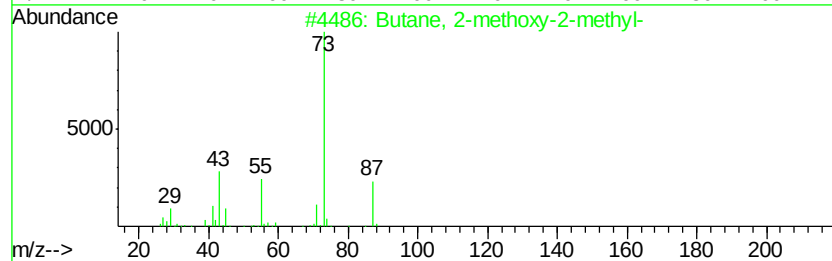
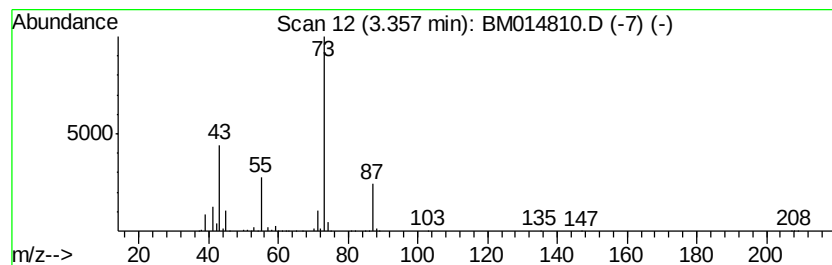
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 3.36 | 11.06 ng/ul | 1610130 | 1,4-Dichlorobenzene-d4 | 8.53 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 38   |
| 5    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 3.36 | 11.1    | ng/ul | 1610130  | 1                     | 8.53 | 2910870 | 20.0 |