

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\  
 Data File : BM014869.D  
 Acq On : 30 Apr 2018 16:27  
 Operator : SJ/JU  
 Sample : J2603-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F1B50

## 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         | 3.340       | 4             | 9           | 20           | rVB      | 664305         | 846439        | 18.68%          | 1.508%        |
| 2         | 3.640       | 56            | 60          | 68           | rVB      | 112645         | 154533        | 3.41%           | 0.275%        |
| 3         | 4.834       | 259           | 263         | 271          | rVB      | 33970          | 48937         | 1.08%           | 0.087%        |
| 4         | 5.657       | 397           | 403         | 414          | rBV      | 17895          | 48236         | 1.06%           | 0.086%        |
| 5         | 5.793       | 421           | 426         | 434          | rVB      | 40491          | 62918         | 1.39%           | 0.112%        |
| 6         | 7.622       | 730           | 737         | 749          | rBV      | 260193         | 468571        | 10.34%          | 0.835%        |
| 7         | 7.798       | 758           | 767         | 779          | rBV      | 863413         | 1388298       | 30.64%          | 2.474%        |
| 8         | 8.016       | 795           | 804         | 813          | rBV      | 953587         | 1541335       | 34.01%          | 2.747%        |
| 9         | 8.498       | 879           | 886         | 898          | rBV      | 1348998        | 2187101       | 48.26%          | 3.898%        |
| 10        | 9.192       | 997           | 1004        | 1017         | rBV      | 652802         | 1096768       | 24.20%          | 1.955%        |
| 11        | 9.681       | 1079          | 1087        | 1097         | rBV      | 1005816        | 1714988       | 37.85%          | 3.056%        |
| 12        | 10.410      | 1203          | 1211        | 1220         | rBV      | 771684         | 1280284       | 28.25%          | 2.282%        |
| 13        | 10.945      | 1295          | 1302        | 1320         | rBV      | 1085939        | 1873565       | 41.34%          | 3.339%        |
| 14        | 11.339      | 1360          | 1369        | 1385         | rBV      | 1727605        | 2965489       | 65.44%          | 5.285%        |
| 15        | 14.492      | 1896          | 1905        | 1910         | rBV      | 2098307        | 2816831       | 62.16%          | 5.020%        |
| 16        | 14.539      | 1910          | 1913        | 1919         | rVB      | 108867         | 149796        | 3.31%           | 0.267%        |
| 17        | 14.804      | 1951          | 1958        | 1973         | rBV      | 1833369        | 2724916       | 60.13%          | 4.856%        |
| 18        | 14.957      | 1979          | 1984        | 1988         | rVB      | 64682          | 81890         | 1.81%           | 0.146%        |
| 19        | 15.104      | 2001          | 2009        | 2016         | rBV2     | 2174588        | 3366579       | 74.29%          | 6.000%        |
| 20        | 15.263      | 2024          | 2036        | 2053         | rBV      | 137282         | 280707        | 6.19%           | 0.500%        |
| 21        | 15.492      | 2071          | 2075        | 2080         | rVB      | 40014          | 57585         | 1.27%           | 0.103%        |
| 22        | 15.892      | 2139          | 2143        | 2147         | rVB      | 82038          | 96350         | 2.13%           | 0.172%        |
| 23        | 16.080      | 2168          | 2175        | 2181         | rBV      | 2827963        | 4125603       | 91.04%          | 7.352%        |
| 24        | 16.180      | 2187          | 2192        | 2203         | rVB      | 801791         | 1086487       | 23.98%          | 1.936%        |
| 25        | 16.315      | 2212          | 2215        | 2219         | rVB2     | 32080          | 46531         | 1.03%           | 0.083%        |
| 26        | 16.745      | 2283          | 2288        | 2296         | rBV      | 63101          | 108686        | 2.40%           | 0.194%        |
| 27        | 17.815      | 2464          | 2470        | 2480         | rBV      | 2734742        | 3810118       | 84.08%          | 6.790%        |
| 28        | 17.915      | 2480          | 2487        | 2501         | rVV      | 2897113        | 4205599       | 92.81%          | 7.495%        |
| 29        | 18.427      | 2570          | 2574        | 2581         | rVB      | 69823          | 87316         | 1.93%           | 0.156%        |
| 30        | 18.521      | 2585          | 2590        | 2601         | rBV4     | 41089          | 70748         | 1.56%           | 0.126%        |
| 31        | 18.639      | 2605          | 2610        | 2620         | rBV      | 178406         | 267110        | 5.89%           | 0.476%        |
| 32        | 19.692      | 2786          | 2789        | 2793         | rBV      | 44378          | 53671         | 1.18%           | 0.096%        |
| 33        | 19.792      | 2803          | 2806        | 2810         | rVB      | 39584          | 49072         | 1.08%           | 0.087%        |
| 34        | 19.880      | 2817          | 2821        | 2832         | rBV2     | 87602          | 141037        | 3.11%           | 0.251%        |

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|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 20.150 | 2861 | 2867 | 2875 | rBV  | 3515863 | 4531550 | 100.00% | 8.076% |
| 36 | 21.903 | 3160 | 3165 | 3173 | rBV  | 3080855 | 4089080 | 90.24%  | 7.287% |
| 37 | 24.227 | 3553 | 3560 | 3569 | rVB  | 2129187 | 4402557 | 97.15%  | 7.846% |
| 38 | 24.386 | 3580 | 3587 | 3604 | rVB2 | 1826639 | 3785138 | 83.53%  | 6.746% |

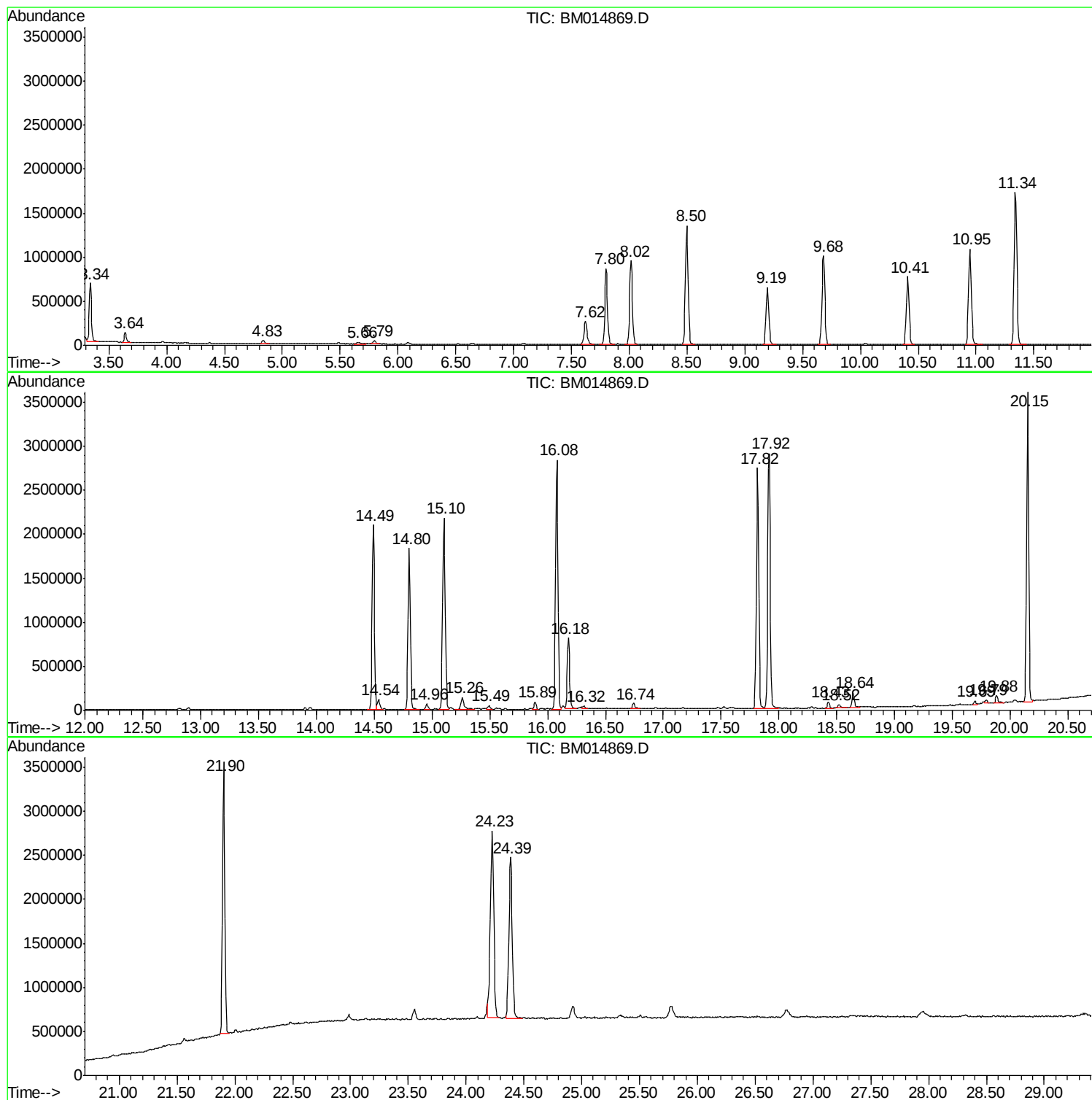
Sum of corrected areas: 56112419

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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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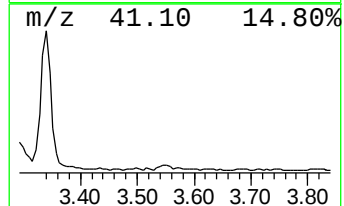
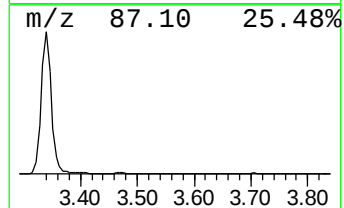
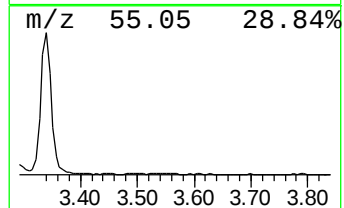
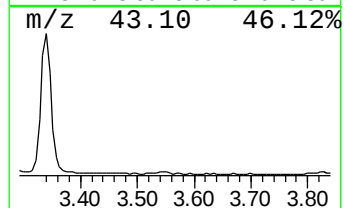
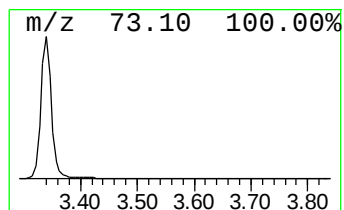
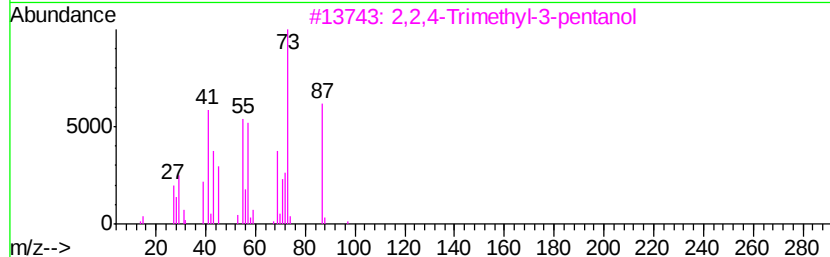
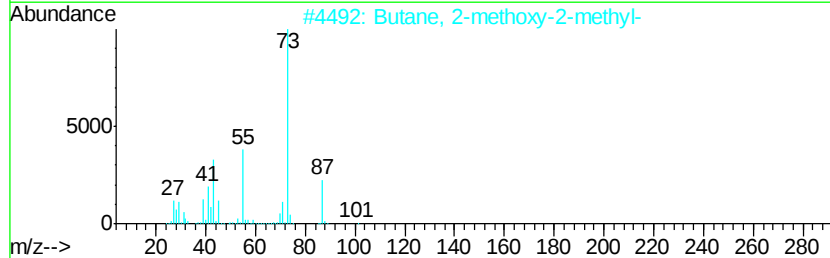
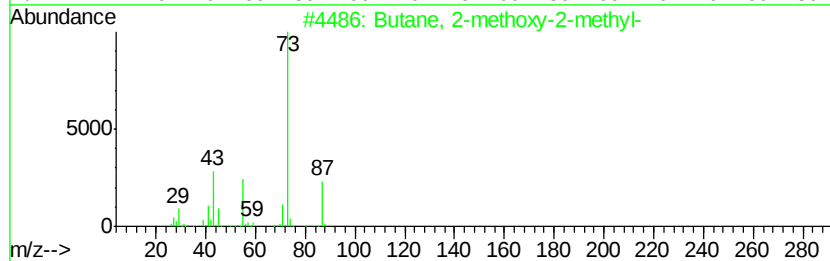
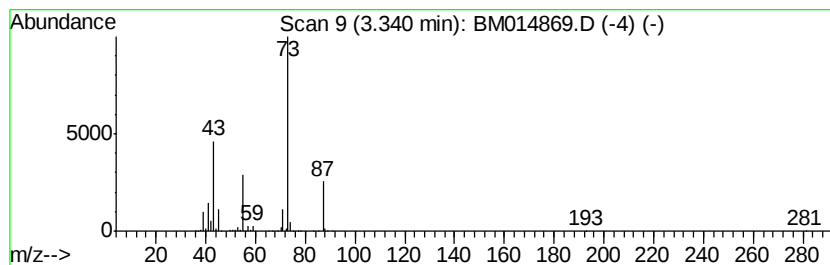
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TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 3.34 | 7.74 ng/ul | 846439 | 1,4-Dichlorobenzene-d4 | 8.50 |

| 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 | 72   |
| 3    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 50   |
| 4    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 5    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 3.34 | 7.7     | ng/ul | 846439   | 1                     | 8.50 | 2187100 | 20.0 |