

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\  
 Data File : BM013881.D  
 Acq On : 27 Jan 2018 13:19  
 Operator : SJ/JU  
 Sample : J1245-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6B64

## 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-BM011018.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         | 3.140       | 23            | 26          | 33           | rVB4     | 23974          | 36120         | 1.26%           | 0.112%        |
| 2         | 3.752       | 126           | 130         | 135          | rVB3     | 23244          | 34199         | 1.20%           | 0.106%        |
| 3         | 4.752       | 291           | 300         | 308          | rBV4     | 115960         | 269581        | 9.42%           | 0.832%        |
| 4         | 6.769       | 637           | 643         | 657          | rBV      | 445114         | 819149        | 28.63%          | 2.529%        |
| 5         | 6.928       | 664           | 670         | 682          | rVB      | 328889         | 527820        | 18.45%          | 1.629%        |
| 6         | 7.122       | 697           | 703         | 714          | rBV      | 494745         | 790750        | 27.64%          | 2.441%        |
| 7         | 7.581       | 775           | 781         | 790          | rBV      | 556343         | 898432        | 31.40%          | 2.774%        |
| 8         | 8.298       | 892           | 903         | 917          | rBV2     | 544386         | 961136        | 33.59%          | 2.967%        |
| 9         | 8.739       | 971           | 978         | 989          | rBV      | 461877         | 792291        | 27.69%          | 2.446%        |
| 10        | 9.139       | 1039          | 1046        | 1051         | rBV3     | 16557          | 30244         | 1.06%           | 0.093%        |
| 11        | 9.457       | 1094          | 1100        | 1108         | rBV      | 389175         | 680728        | 23.79%          | 2.101%        |
| 12        | 9.992       | 1184          | 1191        | 1203         | rBV      | 565742         | 1029451       | 35.98%          | 3.178%        |
| 13        | 10.357      | 1246          | 1253        | 1261         | rBV      | 730541         | 1186943       | 41.48%          | 3.664%        |
| 14        | 10.510      | 1272          | 1279        | 1297         | rBV      | 452899         | 907814        | 31.73%          | 2.803%        |
| 15        | 11.922      | 1513          | 1519        | 1525         | rBV3     | 19715          | 44764         | 1.56%           | 0.138%        |
| 16        | 13.057      | 1707          | 1712        | 1719         | rBV4     | 18839          | 29537         | 1.03%           | 0.091%        |
| 17        | 13.657      | 1807          | 1814        | 1818         | rBV      | 1053370        | 1544165       | 53.97%          | 4.767%        |
| 18        | 13.704      | 1818          | 1822        | 1829         | rVB      | 168288         | 262773        | 9.18%           | 0.811%        |
| 19        | 13.927      | 1853          | 1860        | 1871         | rBV      | 1238554        | 1854019       | 64.80%          | 5.724%        |
| 20        | 14.139      | 1892          | 1896        | 1903         | rVB2     | 54265          | 66657         | 2.33%           | 0.206%        |
| 21        | 14.239      | 1905          | 1913        | 1921         | rBV2     | 1009760        | 1614161       | 56.41%          | 4.983%        |
| 22        | 14.480      | 1948          | 1954        | 1969         | rBV2     | 222442         | 544207        | 19.02%          | 1.680%        |
| 23        | 15.098      | 2054          | 2059        | 2064         | rBV2     | 65206          | 79397         | 2.77%           | 0.245%        |
| 24        | 15.233      | 2076          | 2082        | 2091         | rVB      | 1495691        | 2219681       | 77.58%          | 6.852%        |
| 25        | 15.380      | 2102          | 2107        | 2116         | rBV      | 350766         | 567107        | 19.82%          | 1.751%        |
| 26        | 15.480      | 2119          | 2124        | 2127         | rBV5     | 24951          | 38408         | 1.34%           | 0.119%        |
| 27        | 15.963      | 2202          | 2206        | 2209         | rBV2     | 62025          | 80996         | 2.83%           | 0.250%        |
| 28        | 16.762      | 2337          | 2342        | 2344         | rBV4     | 31963          | 40594         | 1.42%           | 0.125%        |
| 29        | 16.992      | 2374          | 2381        | 2387         | rBV      | 1356685        | 1965043       | 68.68%          | 6.066%        |
| 30        | 17.092      | 2391          | 2398        | 2410         | rVB      | 1647691        | 2473534       | 86.45%          | 7.636%        |
| 31        | 17.898      | 2530          | 2535        | 2542         | rBV2     | 125975         | 194505        | 6.80%           | 0.600%        |
| 32        | 19.033      | 2724          | 2728        | 2731         | rBV3     | 33251          | 41268         | 1.44%           | 0.127%        |
| 33        | 19.186      | 2750          | 2754        | 2761         | rBV5     | 71102          | 116160        | 4.06%           | 0.359%        |
| 34        | 19.392      | 2783          | 2789        | 2796         | rBV      | 2097898        | 2861275       | 100.00%         | 8.833%        |

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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

Method : Z:\HPCHEM1\BNA\_M\Methods\SOM-EPA-BM011018.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 20.915 | 3044 | 3048 | 3058 | rBV7 | 88853   | 140869  | 4.92%  | 0.435% |
| 36 | 21.192 | 3090 | 3095 | 3103 | rBV  | 1804871 | 2300683 | 80.41% | 7.102% |
| 37 | 23.239 | 3437 | 3443 | 3454 | rVB2 | 1283250 | 2496162 | 87.24% | 7.706% |
| 38 | 23.380 | 3461 | 3467 | 3475 | rVB  | 1020448 | 1852143 | 64.73% | 5.718% |

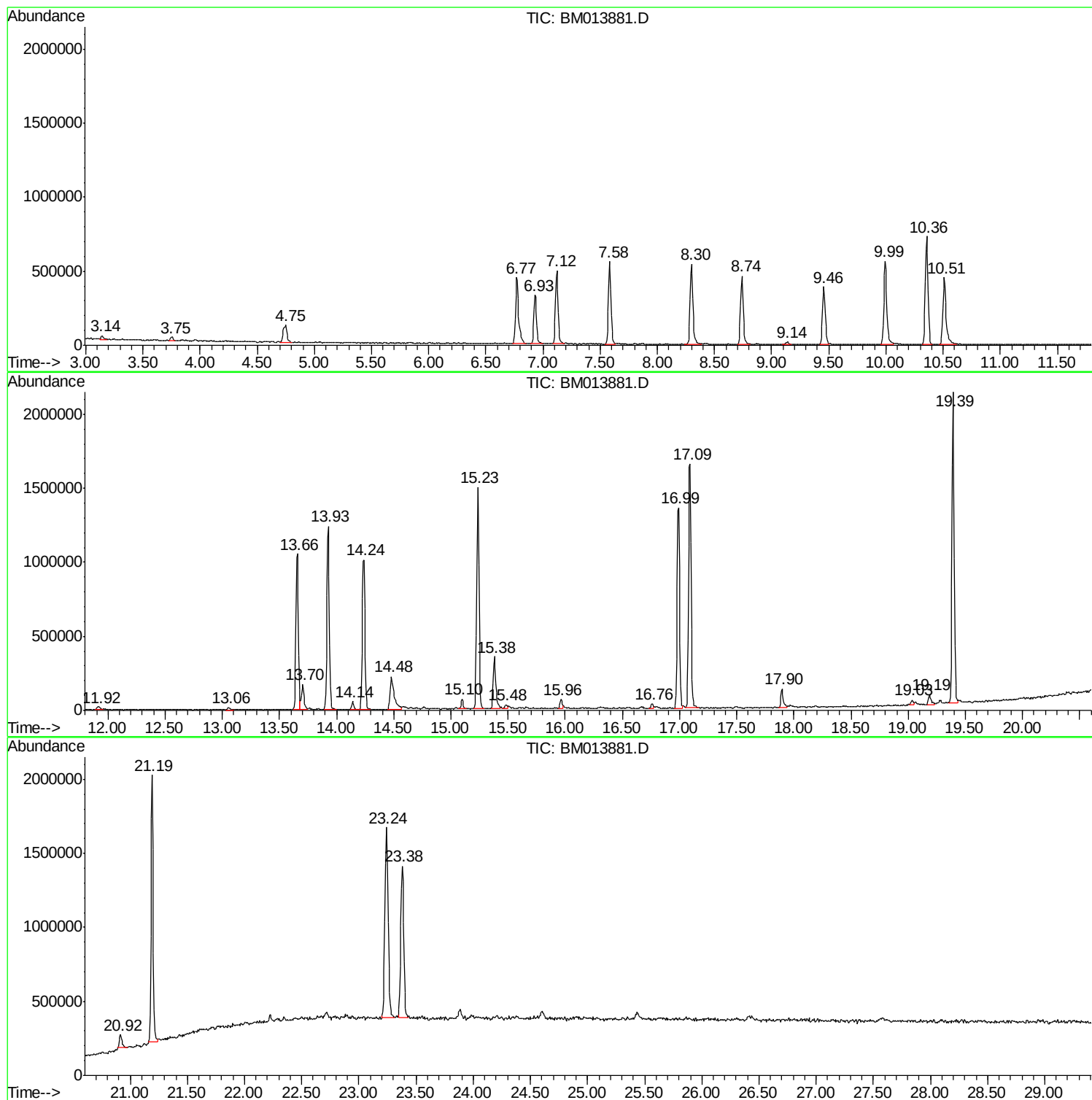
Sum of corrected areas: 32392766

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION

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



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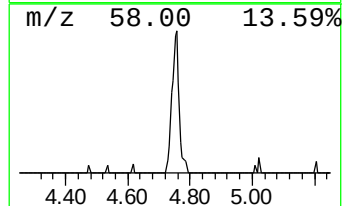
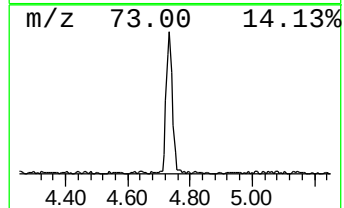
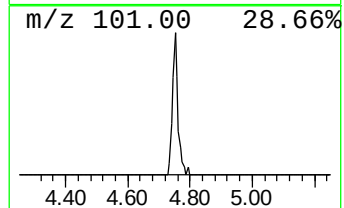
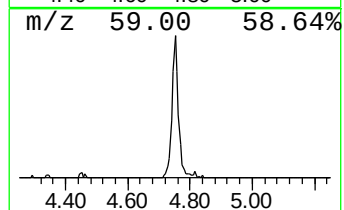
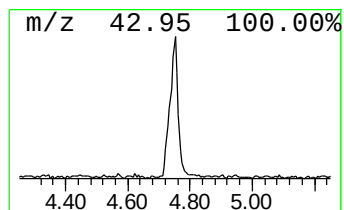
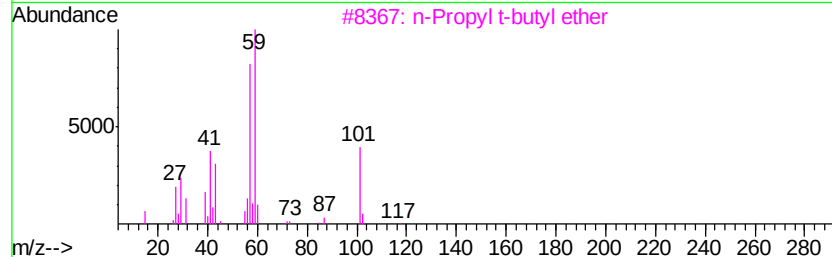
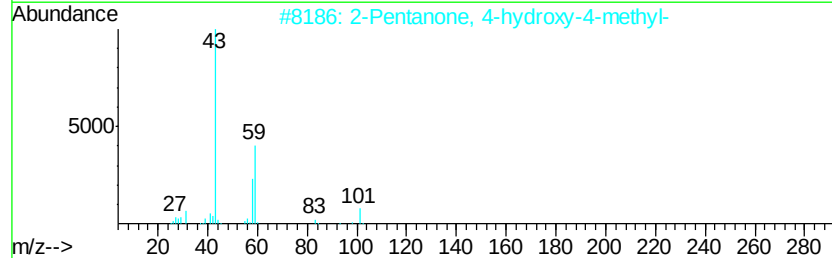
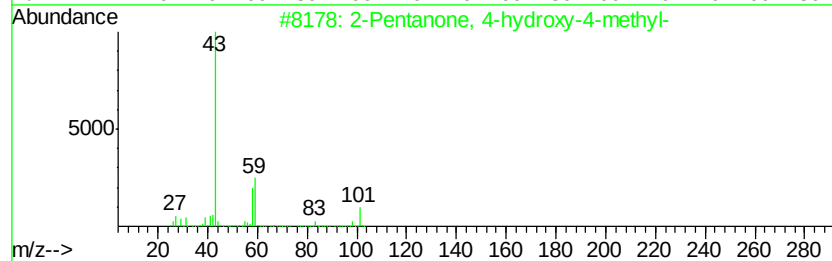
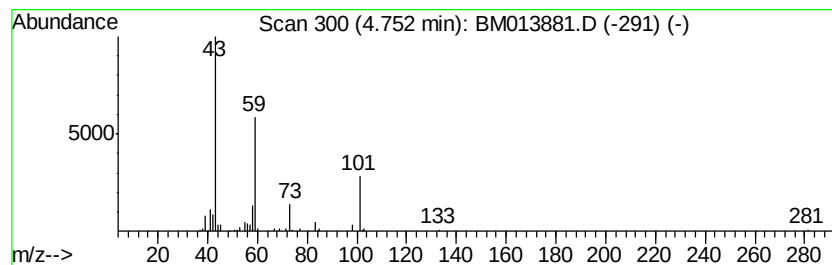
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 4.75 | 6.00 ng/ul | 269581 | 1,4-Dichlorobenzene-d4 | 7.58 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2  | 42   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2  | 42   |
| 3    |    |   | n-Propyl t-butyl ether               | 116 | C7H16O   | 1000334-81-9 | 28   |
| 4    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6  | 25   |
| 5    |    |   | 1-(1-Methoxypropan-2-yloxy)propan... | 260 | C14H28O4 | 1000367-13-1 | 17   |



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Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 4.75 | 6.0     | ng/ul | 269581   | 1                     | 7.58 | 898432 | 20.0 |