

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\  
 Data File : BM016807.D  
 Acq On : 19 Sep 2018 21:50  
 Operator : SJ/JU  
 Sample : J4896-12  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C08M5

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.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         | 3.016       | 3             | 5           | 18           | rVB      | 2598400        | 2815655       | 14.29%          | 3.120%        |
| 2         | 3.269       | 44            | 48          | 57           | rVB      | 126319         | 168842        | 0.86%           | 0.187%        |
| 3         | 3.893       | 150           | 154         | 158          | rVB      | 18533          | 24256         | 0.12%           | 0.027%        |
| 4         | 3.981       | 165           | 169         | 175          | rVB      | 49990          | 67622         | 0.34%           | 0.075%        |
| 5         | 5.081       | 349           | 356         | 370          | rVB      | 13663121       | 19703551      | 100.00%         | 21.830%       |
| 6         | 6.710       | 628           | 633         | 637          | rBV      | 96534          | 141144        | 0.72%           | 0.156%        |
| 7         | 6.757       | 637           | 641         | 645          | rVB      | 15824          | 21776         | 0.11%           | 0.024%        |
| 8         | 6.822       | 648           | 652         | 657          | rVB2     | 16024          | 24491         | 0.12%           | 0.027%        |
| 9         | 6.892       | 657           | 664         | 673          | rBV      | 934027         | 1408965       | 7.15%           | 1.561%        |
| 10        | 7.063       | 685           | 693         | 704          | rBV      | 768185         | 1134385       | 5.76%           | 1.257%        |
| 11        | 7.257       | 718           | 726         | 739          | rBV      | 960716         | 1502957       | 7.63%           | 1.665%        |
| 12        | 7.610       | 776           | 786         | 794          | rBV      | 2485987        | 3915542       | 19.87%          | 4.338%        |
| 13        | 7.722       | 797           | 805         | 808          | rVV      | 1069628        | 1760258       | 8.93%           | 1.950%        |
| 14        | 7.757       | 808           | 811         | 821          | rVB      | 1552151        | 2290893       | 11.63%          | 2.538%        |
| 15        | 8.069       | 856           | 864         | 871          | rBV      | 196774         | 318155        | 1.61%           | 0.352%        |
| 16        | 8.422       | 917           | 924         | 931          | rBV      | 1133500        | 1744962       | 8.86%           | 1.933%        |
| 17        | 8.875       | 993           | 1001        | 1010         | rBV      | 849907         | 1348573       | 6.84%           | 1.494%        |
| 18        | 9.433       | 1091          | 1096        | 1100         | rBV2     | 18809          | 27506         | 0.14%           | 0.030%        |
| 19        | 9.492       | 1100          | 1106        | 1113         | rVV4     | 19909          | 51191         | 0.26%           | 0.057%        |
| 20        | 9.586       | 1115          | 1122        | 1129         | rVV      | 581866         | 952285        | 4.83%           | 1.055%        |
| 21        | 9.651       | 1129          | 1133        | 1140         | rVB2     | 30724          | 46179         | 0.23%           | 0.051%        |
| 22        | 10.122      | 1206          | 1213        | 1221         | rBV      | 1119366        | 1762121       | 8.94%           | 1.952%        |
| 23        | 10.363      | 1247          | 1254        | 1266         | rVB      | 1167477        | 1981629       | 10.06%          | 2.196%        |
| 24        | 10.504      | 1270          | 1278        | 1289         | rVB      | 1474290        | 2416680       | 12.27%          | 2.678%        |
| 25        | 10.639      | 1294          | 1301        | 1313         | rVB      | 1014989        | 1680869       | 8.53%           | 1.862%        |
| 26        | 10.880      | 1335          | 1342        | 1349         | rBV      | 215702         | 370855        | 1.88%           | 0.411%        |
| 27        | 12.092      | 1539          | 1548        | 1553         | rVB3     | 20965          | 40550         | 0.21%           | 0.045%        |
| 28        | 12.539      | 1614          | 1624        | 1629         | rBV3     | 21713          | 38275         | 0.19%           | 0.042%        |
| 29        | 12.774      | 1657          | 1664        | 1670         | rBV2     | 50521          | 79725         | 0.40%           | 0.088%        |
| 30        | 13.145      | 1722          | 1727        | 1733         | rBV      | 42178          | 62690         | 0.32%           | 0.069%        |
| 31        | 13.427      | 1771          | 1775        | 1783         | rVB3     | 22620          | 33603         | 0.17%           | 0.037%        |
| 32        | 13.774      | 1828          | 1834        | 1843         | rBV      | 1783676        | 2452739       | 12.45%          | 2.717%        |
| 33        | 14.051      | 1874          | 1881        | 1890         | rBV      | 2130763        | 3076246       | 15.61%          | 3.408%        |
| 34        | 14.363      | 1927          | 1934        | 1943         | rVB2     | 1998426        | 3058233       | 15.52%          | 3.388%        |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
Smoothing : OFF  
Sampling : 1  
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Stop Thrs : 0  
Filtering: 5  
Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 14.557 | 1960 | 1967 | 1975 | rBV  | 845831  | 1190576 | 6.04%  | 1.319% |
| 36 | 15.357 | 2096 | 2103 | 2116 | rVB  | 2738188 | 3930082 | 19.95% | 4.354% |
| 37 | 15.474 | 2116 | 2123 | 2132 | rBV  | 583910  | 825078  | 4.19%  | 0.914% |
| 38 | 15.598 | 2140 | 2144 | 2149 | rVB2 | 30502   | 39929   | 0.20%  | 0.044% |
| 39 | 17.109 | 2395 | 2401 | 2410 | rBV  | 2534359 | 3545887 | 18.00% | 3.929% |
| 40 | 17.209 | 2411 | 2418 | 2428 | rBV  | 3094325 | 4348334 | 22.07% | 4.818% |
| 41 | 18.015 | 2550 | 2555 | 2562 | rBV  | 75480   | 102990  | 0.52%  | 0.114% |
| 42 | 19.139 | 2741 | 2746 | 2751 | rBV  | 39546   | 52168   | 0.26%  | 0.058% |
| 43 | 19.298 | 2769 | 2773 | 2779 | rBV  | 85906   | 111687  | 0.57%  | 0.124% |
| 44 | 19.392 | 2785 | 2789 | 2793 | rBV  | 25273   | 37143   | 0.19%  | 0.041% |
| 45 | 19.503 | 2802 | 2808 | 2816 | rBV  | 3821953 | 5141288 | 26.09% | 5.696% |
| 46 | 21.297 | 3108 | 3113 | 3119 | rBV  | 3422131 | 4374103 | 22.20% | 4.846% |
| 47 | 23.391 | 3462 | 3469 | 3476 | rBV  | 2955833 | 5526648 | 28.05% | 6.123% |
| 48 | 23.533 | 3487 | 3493 | 3503 | rVB  | 2420201 | 4508983 | 22.88% | 4.996% |

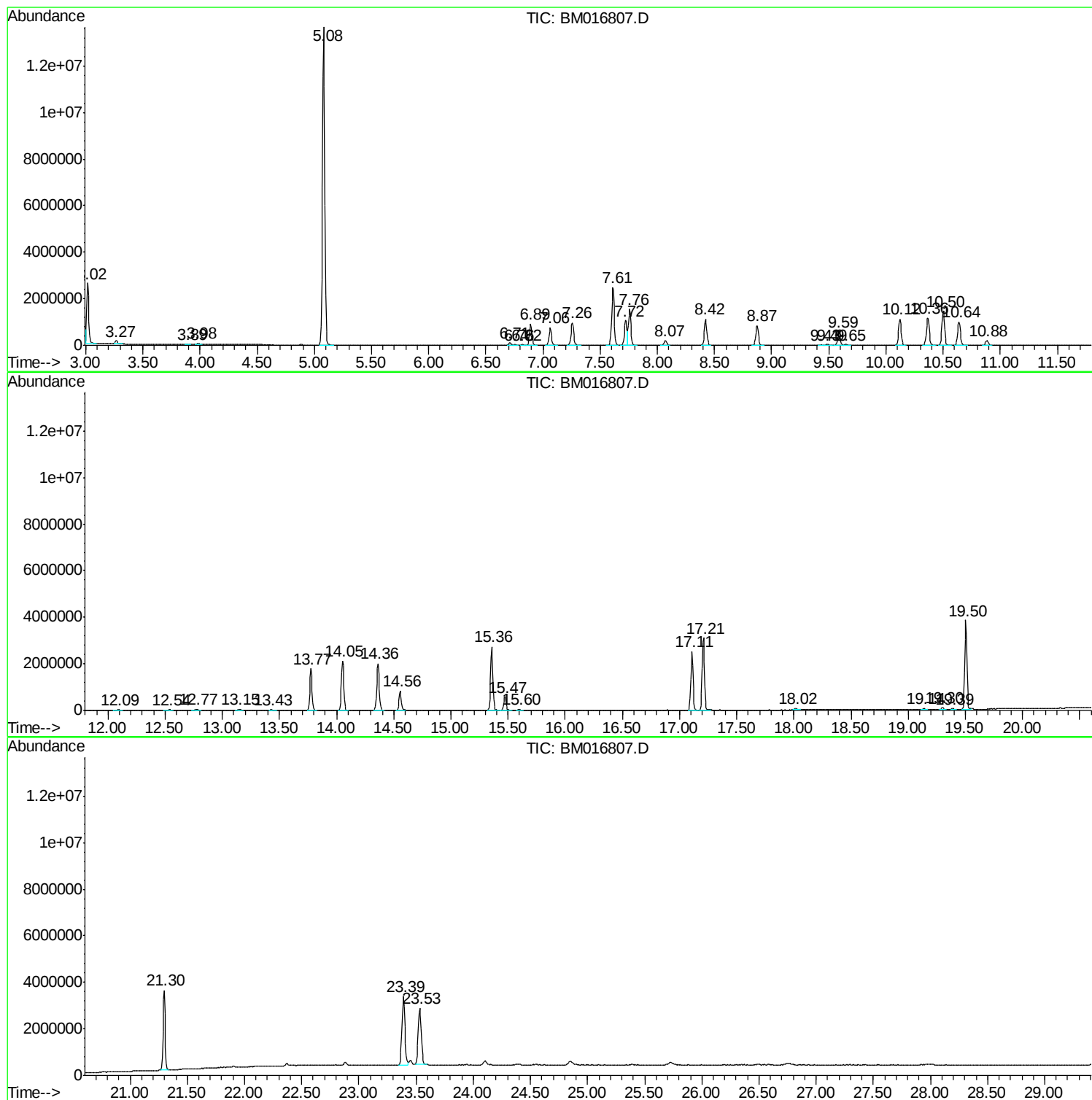
Sum of corrected areas: 90258299

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

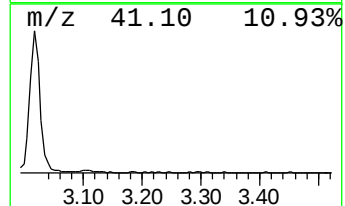
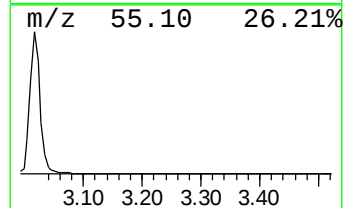
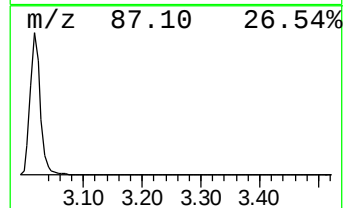
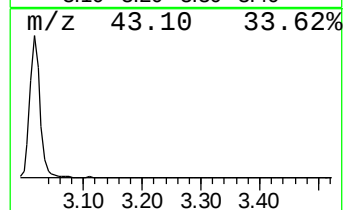
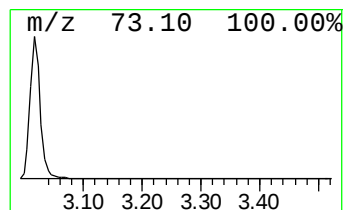
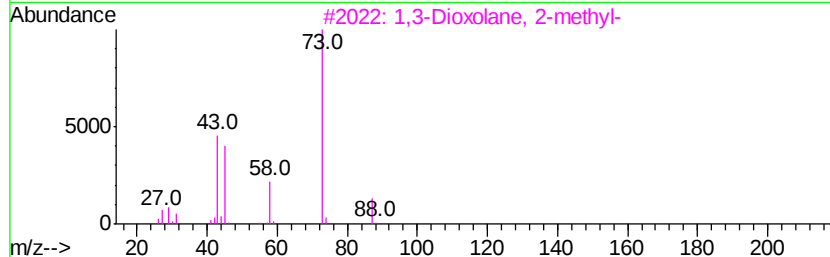
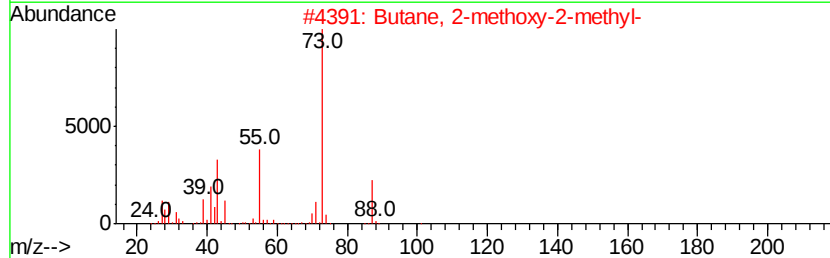
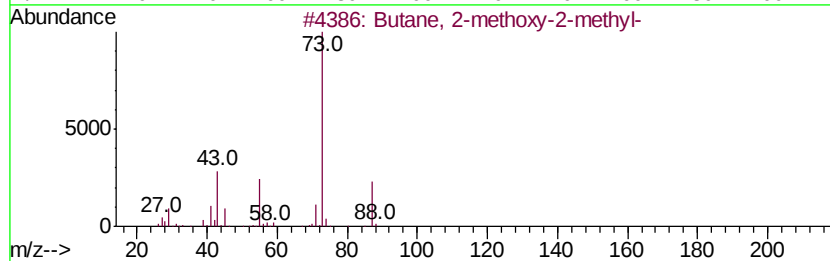
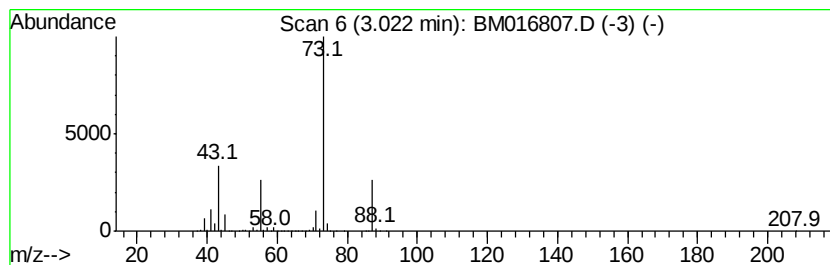
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc     | Area    | Relative to ISTD       | R.T. |
|------|-------------|---------|------------------------|------|
| 3.02 | 31.99 ng/ul | 2815660 | 1,4-Dichlorobenzene-d4 | 7.72 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 45   |
| 3    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |
| 4    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 5    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 3.02 | 32.0    | ng/ul | 2815660  | 1                     | 7.72 | 1760260 | 20.0 |