

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\  
 Data File : BM021167.D  
 Acq On : 25 Jun 2019 18:39  
 Operator : HP/JU  
 Sample : PB120588BL  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK88

## 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-BM061419MA.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           | 20           | rVB      | 151829         | 243721        | 2.80%           | 0.324%        |
| 2         | 3.281       | 47            | 50          | 57           | rVB2     | 51660          | 77580         | 0.89%           | 0.103%        |
| 3         | 6.934       | 665           | 671         | 681          | rBV      | 1013828        | 1655443       | 19.00%          | 2.202%        |
| 4         | 7.110       | 695           | 701         | 711          | rBV      | 794040         | 1257761       | 14.43%          | 1.673%        |
| 5         | 7.298       | 727           | 733         | 742          | rVB      | 1100600        | 1709530       | 19.62%          | 2.274%        |
| 6         | 7.769       | 806           | 813         | 820          | rVB      | 715881         | 1127054       | 12.93%          | 1.499%        |
| 7         | 8.469       | 925           | 932         | 944          | rBV      | 1397829        | 2280910       | 26.17%          | 3.033%        |
| 8         | 8.933       | 1003          | 1011        | 1020         | rBV      | 1053450        | 1779233       | 20.42%          | 2.366%        |
| 9         | 9.645       | 1125          | 1132        | 1144         | rBV      | 934099         | 1529741       | 17.55%          | 2.034%        |
| 10        | 10.175      | 1214          | 1222        | 1240         | rBV      | 1556035        | 2622543       | 30.09%          | 3.488%        |
| 11        | 10.557      | 1279          | 1287        | 1295         | rBV      | 1088428        | 1775196       | 20.37%          | 2.361%        |
| 12        | 10.698      | 1302          | 1311        | 1330         | rBV      | 1401232        | 2560228       | 29.38%          | 3.405%        |
| 13        | 12.151      | 1553          | 1558        | 1565         | rVB      | 20476          | 34201         | 0.39%           | 0.045%        |
| 14        | 13.821      | 1835          | 1842        | 1856         | rBV      | 2998386        | 4222362       | 48.45%          | 5.615%        |
| 15        | 14.104      | 1883          | 1890        | 1905         | rBV      | 3437687        | 5100749       | 58.53%          | 6.784%        |
| 16        | 14.410      | 1935          | 1942        | 1953         | rVB2     | 1830101        | 2788433       | 32.00%          | 3.708%        |
| 17        | 14.615      | 1971          | 1977        | 1998         | rBV      | 1014670        | 1689563       | 19.39%          | 2.247%        |
| 18        | 15.404      | 2104          | 2111        | 2126         | rBV      | 4638359        | 6515477       | 74.76%          | 8.665%        |
| 19        | 15.533      | 2126          | 2133        | 2148         | rVV      | 1055160        | 1507965       | 17.30%          | 2.005%        |
| 20        | 15.645      | 2148          | 2152        | 2158         | rVB      | 55418          | 75069         | 0.86%           | 0.100%        |
| 21        | 16.186      | 2240          | 2244        | 2249         | rVB3     | 16025          | 20215         | 0.23%           | 0.027%        |
| 22        | 16.945      | 2369          | 2373        | 2378         | rBV      | 8598           | 10729         | 0.12%           | 0.014%        |
| 23        | 17.156      | 2403          | 2409        | 2419         | rBV2     | 2679717        | 3678137       | 42.21%          | 4.892%        |
| 24        | 17.256      | 2419          | 2426        | 2442         | rVV      | 5067003        | 7171597       | 82.29%          | 9.538%        |
| 25        | 19.186      | 2750          | 2754        | 2759         | rBV      | 53652          | 69809         | 0.80%           | 0.093%        |
| 26        | 19.439      | 2793          | 2797        | 2801         | rBV      | 45254          | 57266         | 0.66%           | 0.076%        |
| 27        | 19.550      | 2810          | 2816        | 2825         | rBV      | 6511466        | 8714771       | 100.00%         | 11.590%       |
| 28        | 21.339      | 3115          | 3120        | 3127         | rBV      | 3009582        | 3844057       | 44.11%          | 5.112%        |
| 29        | 22.903      | 3383          | 3386        | 3394         | rVB      | 172865         | 240354        | 2.76%           | 0.320%        |
| 30        | 23.468      | 3475          | 3482        | 3496         | rVB      | 3827322        | 7170687       | 82.28%          | 9.537%        |
| 31        | 23.615      | 3500          | 3507        | 3516         | rVB      | 1730029        | 3278499       | 37.62%          | 4.360%        |
| 32        | 24.133      | 3592          | 3595        | 3603         | rVB      | 224246         | 382790        | 4.39%           | 0.509%        |

## LSC Area Percent Report

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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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Title : SVOA CALIBRATION

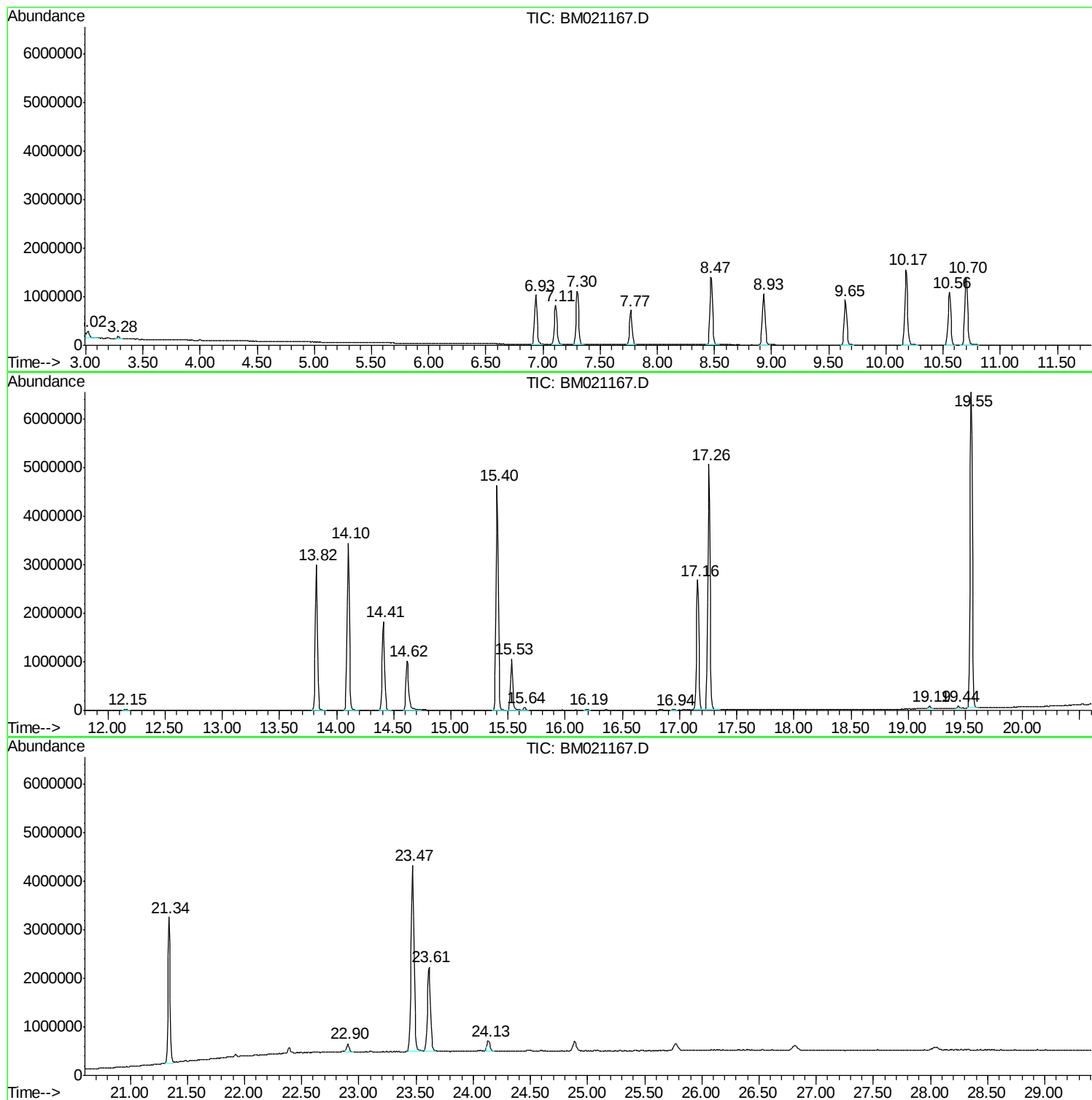
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

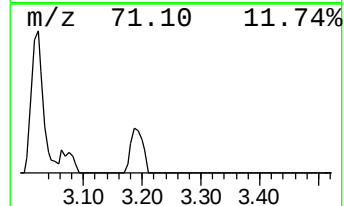
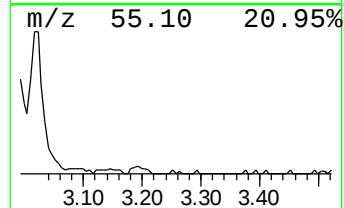
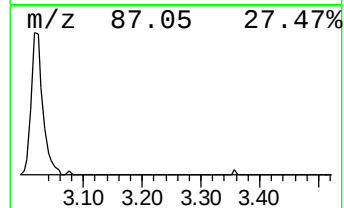
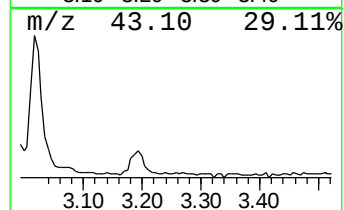
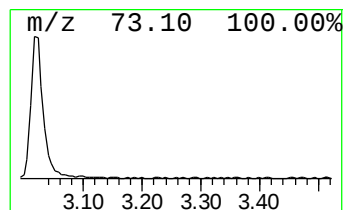
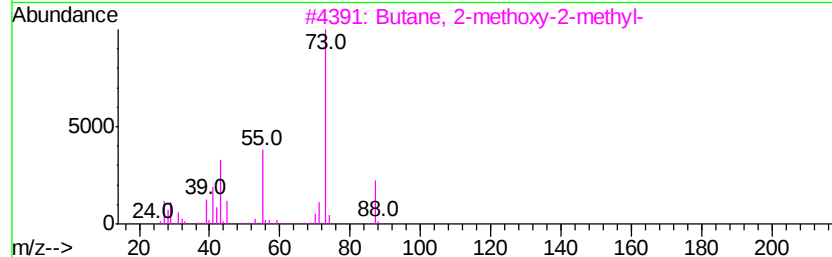
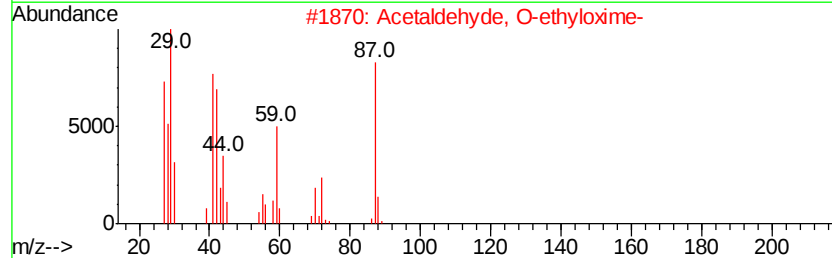
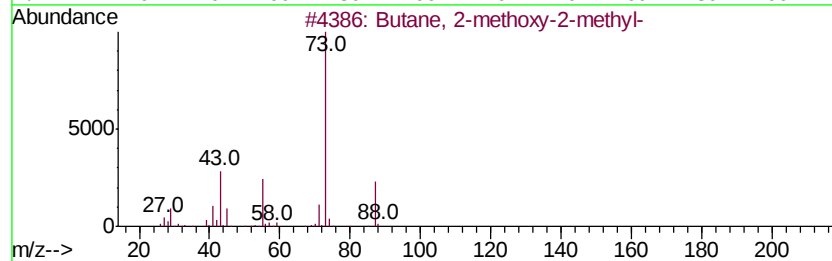
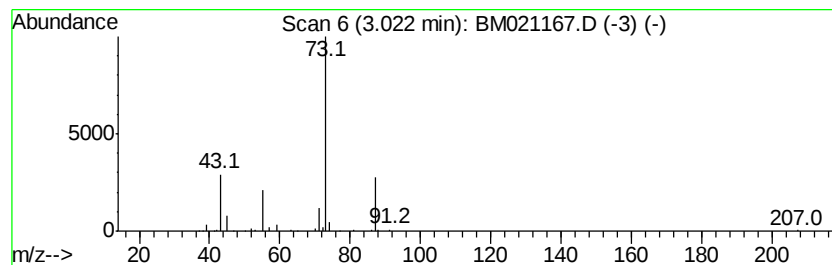
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 3.02 | 4.32 ng/ul | 243721 | 1,4-Dichlorobenzene-d4 | 7.77 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------|-----|---------|--------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl-   | 102 | C6H14O  | 000994-05-8  | 78   |
| 2    |    | Acetaldehyde, O-ethyloxime-   | 87  | C4H9NO  | 1000288-34-6 | 9    |
| 3    |    | Butane, 2-methoxy-2-methyl-   | 102 | C6H14O  | 000994-05-8  | 9    |
| 4    |    | 3-Pentanol, 2,3-dimethyl-     | 116 | C7H16O  | 000595-41-5  | 9    |
| 5    |    | Thiocyanic acid, methyl ester | 73  | C2H3NS  | 000556-64-9  | 7    |



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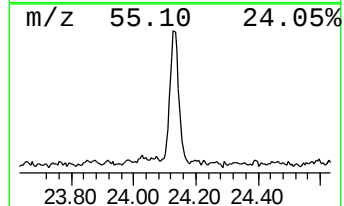
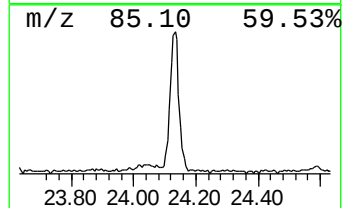
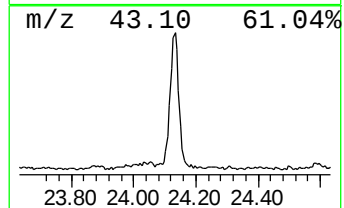
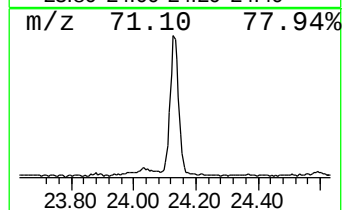
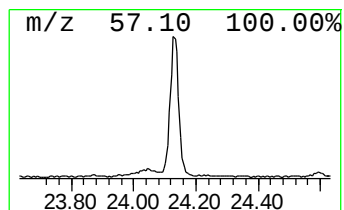
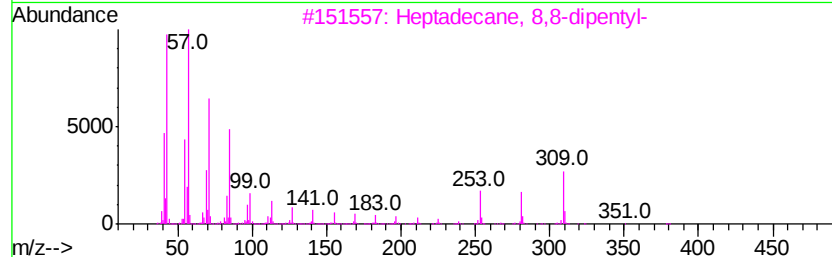
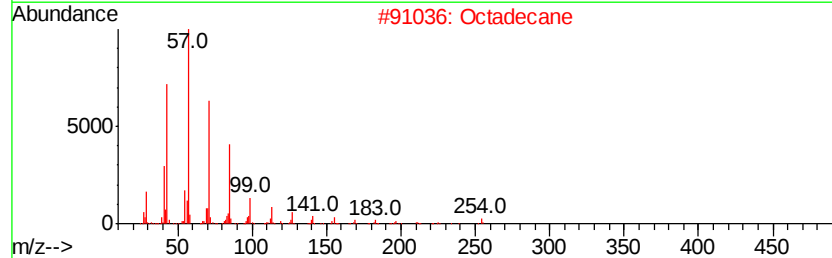
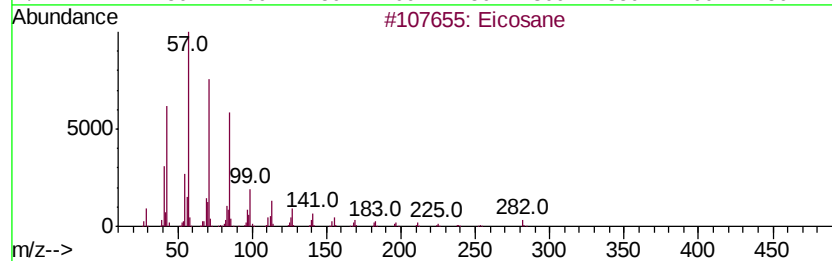
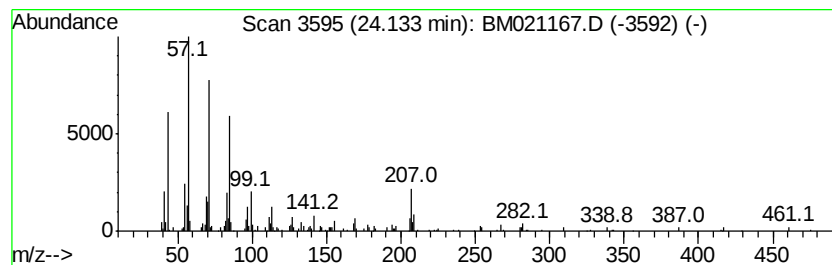
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.13 | 2.34 ng/ul | 382790 | Perylene-d12     | 23.61 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#         | Qual |
|------|----|----------------------------|-----|---------|--------------|------|
| 1    | 5  | Eicosane                   | 282 | C20H42  | 000112-95-8  | 94   |
| 2    |    | Octadecane                 | 254 | C18H38  | 000593-45-3  | 89   |
| 3    |    | Heptadecane, 8,8-dipentyl- | 380 | C27H56  | 055282-28-5  | 72   |
| 4    |    | Eicosane, 9-octyl-         | 394 | C28H58  | 013475-77-9  | 72   |
| 5    |    | 3-Methyltricosane          | 338 | C24H50  | 1000131-18-2 | 72   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 3.02  | 4.3     | ng/ul | 243721   | 1                     | 7.77  | 1127050 | 20.0 |
| (DEL) Alkane: Str... | 24.13 | 2.3     | ng/ul | 382790   | 6                     | 23.61 | 3278500 | 20.0 |