

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062819\  
 Data File : BM021225.D  
 Acq On : 28 Jun 2019 11:25  
 Operator : HP/JU  
 Sample : K3381-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFCK8

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.016    | 3          | 5        | 17        | rVB   | 474359      | 599261     | 8.16%        | 0.995%     |
| 2      | 3.281    | 48         | 50       | 63        | rVB2  | 43684       | 78031      | 1.06%        | 0.130%     |
| 3      | 6.928    | 665        | 670      | 681       | rVB   | 168457      | 283777     | 3.86%        | 0.471%     |
| 4      | 7.104    | 694        | 700      | 709       | rBV   | 556601      | 866546     | 11.80%       | 1.438%     |
| 5      | 7.292    | 726        | 732      | 740       | rVB   | 634238      | 987227     | 13.44%       | 1.639%     |
| 6      | 7.763    | 805        | 812      | 822       | rVB   | 710153      | 1131404    | 15.41%       | 1.878%     |
| 7      | 8.463    | 924        | 931      | 944       | rBV   | 520764      | 839674     | 11.43%       | 1.394%     |
| 8      | 8.922    | 1002       | 1009     | 1021      | rBV   | 767660      | 1272617    | 17.33%       | 2.112%     |
| 9      | 9.639    | 1124       | 1131     | 1143      | rVB   | 666117      | 1071191    | 14.59%       | 1.778%     |
| 10     | 10.169   | 1214       | 1221     | 1242      | rBV   | 972514      | 1729719    | 23.55%       | 2.871%     |
| 11     | 10.545   | 1278       | 1285     | 1296      | rBV   | 1079514     | 1781125    | 24.25%       | 2.956%     |
| 12     | 10.716   | 1308       | 1314     | 1320      | rBV3  | 11399       | 23213      | 0.32%        | 0.039%     |
| 13     | 12.145   | 1551       | 1557     | 1563      | rVB3  | 13733       | 22884      | 0.31%        | 0.038%     |
| 14     | 13.815   | 1833       | 1841     | 1857      | rBV   | 2536642     | 3482835    | 47.42%       | 5.781%     |
| 15     | 14.092   | 1881       | 1888     | 1899      | rBV   | 2673309     | 3939073    | 53.64%       | 6.538%     |
| 16     | 14.404   | 1934       | 1941     | 1953      | rBV2  | 1800647     | 2837861    | 38.64%       | 4.710%     |
| 17     | 14.621   | 1971       | 1978     | 1987      | rBV   | 111021      | 226031     | 3.08%        | 0.375%     |
| 18     | 15.157   | 2064       | 2069     | 2074      | rVB2  | 15293       | 22818      | 0.31%        | 0.038%     |
| 19     | 15.398   | 2103       | 2110     | 2118      | rBV   | 3917595     | 5609365    | 76.38%       | 9.311%     |
| 20     | 15.527   | 2125       | 2132     | 2146      | rBV   | 1059919     | 1528251    | 20.81%       | 2.537%     |
| 21     | 15.639   | 2146       | 2151     | 2157      | rVB   | 45540       | 67177      | 0.91%        | 0.112%     |
| 22     | 16.945   | 2367       | 2373     | 2378      | rVB3  | 7953        | 13936      | 0.19%        | 0.023%     |
| 23     | 17.151   | 2401       | 2408     | 2418      | rBV2  | 2479547     | 3554108    | 48.40%       | 5.899%     |
| 24     | 17.251   | 2418       | 2425     | 2441      | rVV   | 4745426     | 6747804    | 91.88%       | 11.200%    |
| 25     | 18.033   | 2554       | 2558     | 2565      | rBV3  | 41219       | 58612      | 0.80%        | 0.097%     |
| 26     | 19.180   | 2748       | 2753     | 2758      | rBV   | 44520       | 64707      | 0.88%        | 0.107%     |
| 27     | 19.315   | 2773       | 2776     | 2785      | rBV6  | 30675       | 52356      | 0.71%        | 0.087%     |
| 28     | 19.433   | 2792       | 2796     | 2799      | rBV   | 42014       | 51286      | 0.70%        | 0.085%     |
| 29     | 19.468   | 2800       | 2802     | 2805      | rVB2  | 21793       | 17631      | 0.24%        | 0.029%     |
| 30     | 19.545   | 2809       | 2815     | 2827      | rBV   | 5479942     | 7343899    | 100.00%      | 12.190%    |
| 31     | 21.333   | 3114       | 3119     | 3125      | rBV   | 2545146     | 3219154    | 43.83%       | 5.343%     |
| 32     | 21.915   | 3215       | 3218     | 3222      | rBV2  | 108776      | 133627     | 1.82%        | 0.222%     |
| 33     | 22.386   | 3295       | 3298     | 3303      | rVB   | 207075      | 262664     | 3.58%        | 0.436%     |
| 34     | 22.897   | 3381       | 3385     | 3390      | rVB   | 250430      | 344315     | 4.69%        | 0.572%     |

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ClientSampleId :  
BFCK8

Integration Parameters: LSCINT.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 23.462 | 3474 | 3481 | 3490 | rBV  | 3576322 | 6539361 | 89.04% | 10.854% |
| 36 | 23.603 | 3499 | 3505 | 3518 | rVB2 | 1567095 | 3023360 | 41.17% | 5.018%  |
| 37 | 24.121 | 3590 | 3593 | 3601 | rVB  | 246639  | 420292  | 5.72%  | 0.698%  |

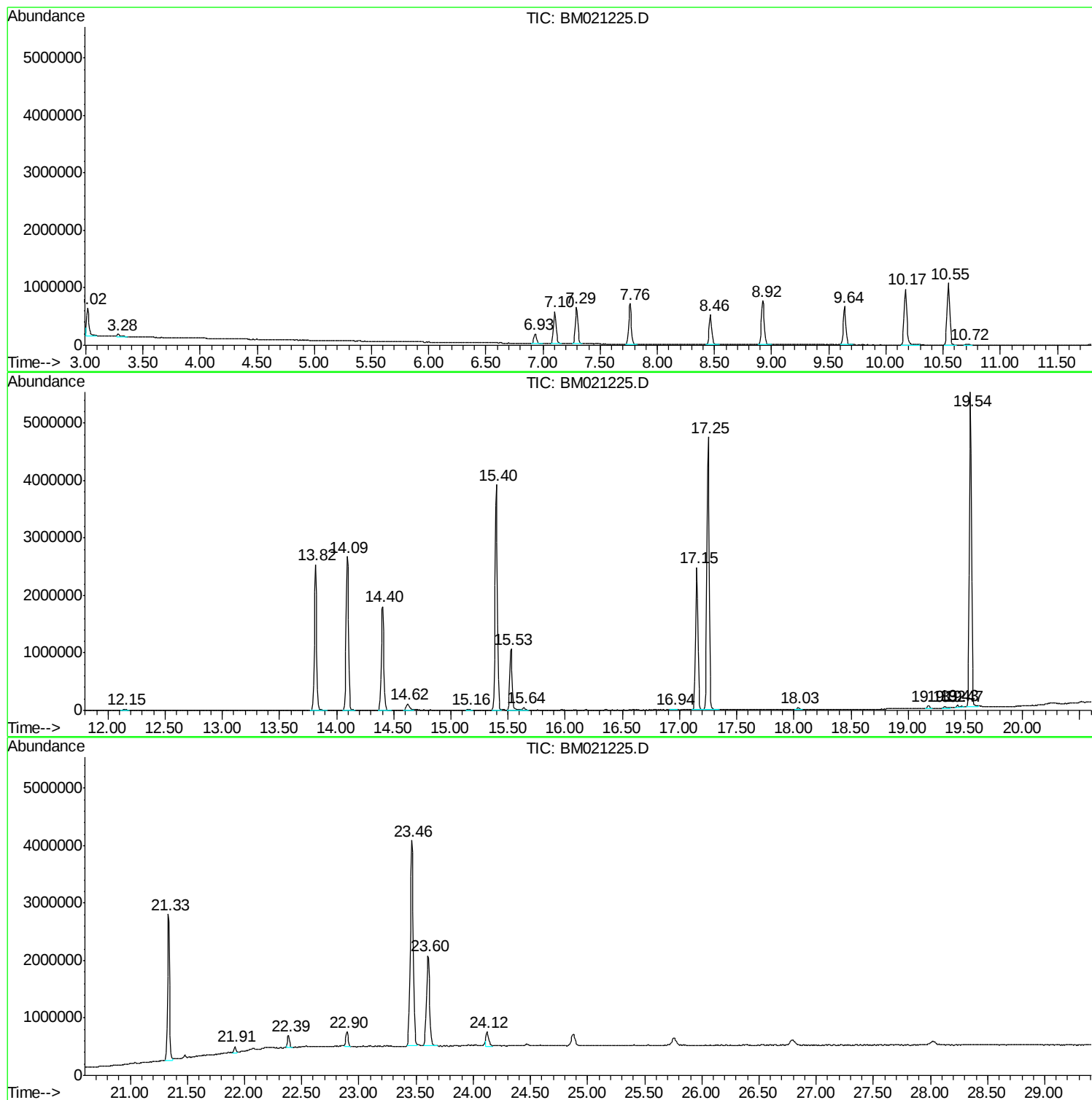
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

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



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Sample : K3381-01  
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Instrument :  
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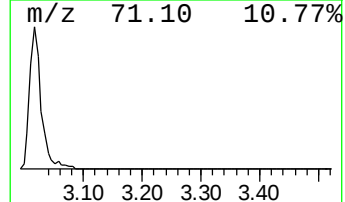
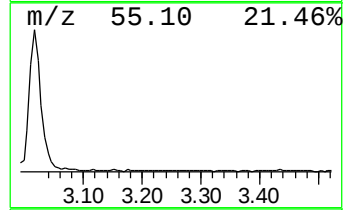
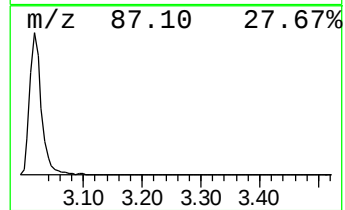
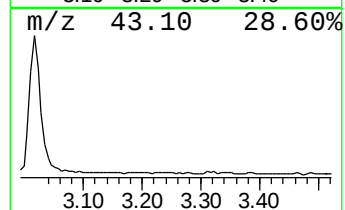
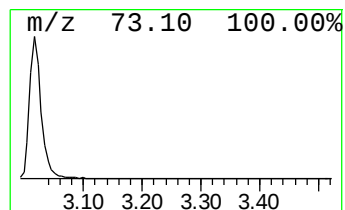
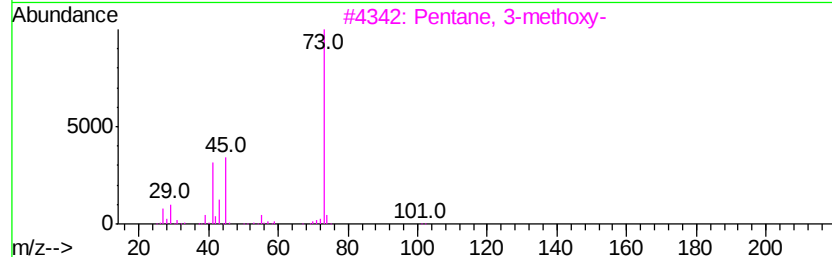
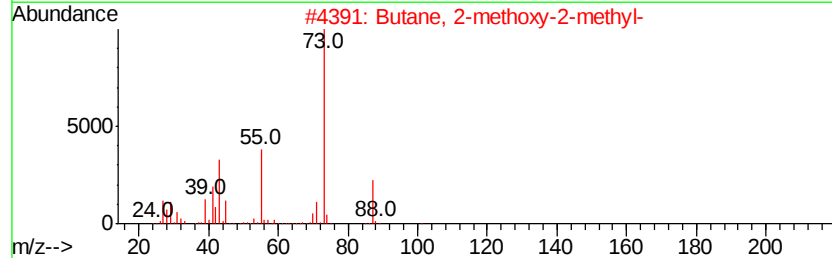
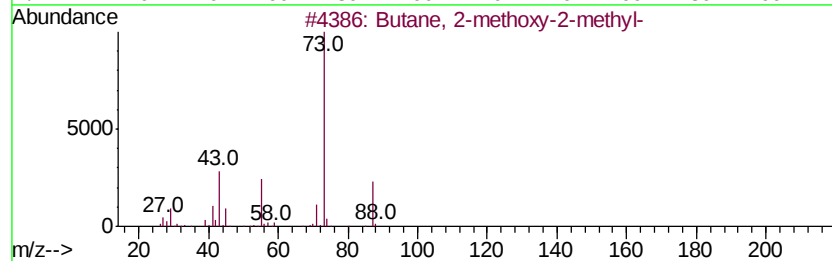
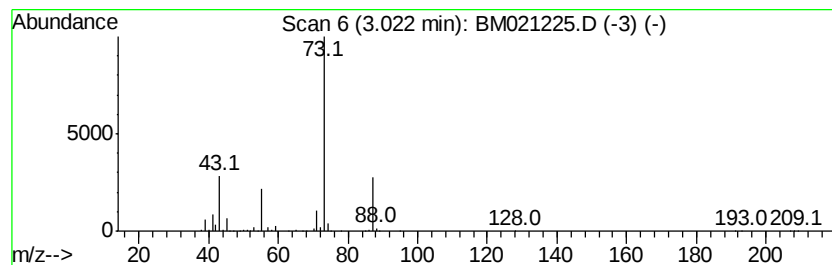
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 3.02 | 10.59 ng/ul | 599261 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 86   |
| 2    |    | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 39   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |
| 5    |    | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |



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

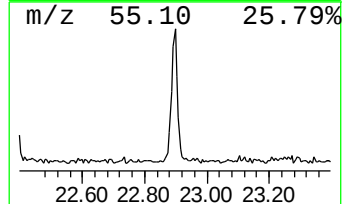
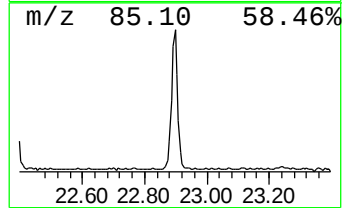
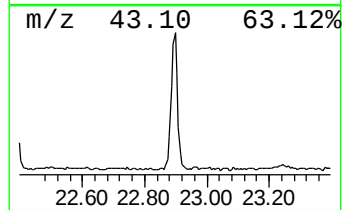
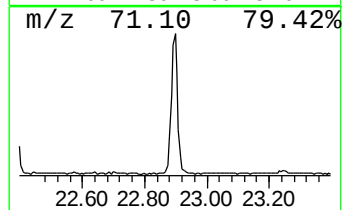
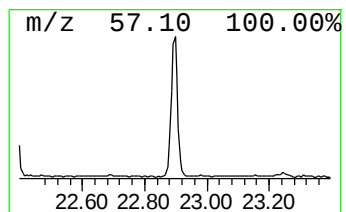
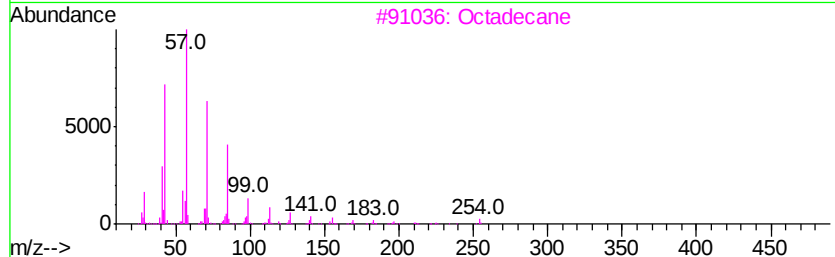
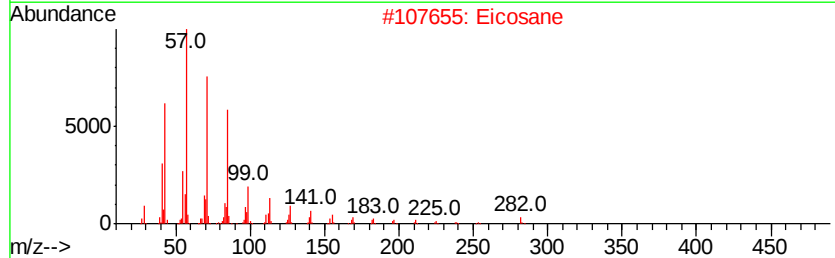
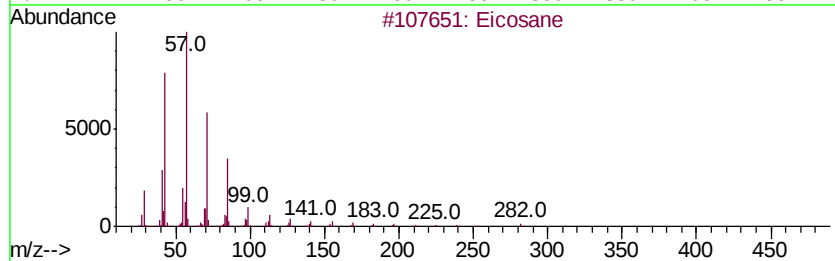
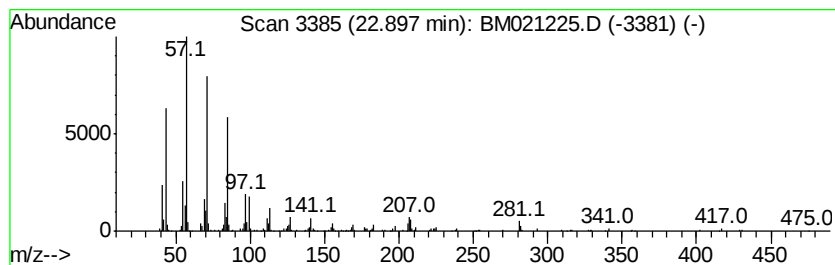
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.90 | 2.28 ng/ul | 344315 | Perylene-d12     | 23.60 |

| Hit# | of | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|--------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane     | 282 | C20H42  | 000112-95-8 | 93   |
| 2    |    | Eicosane     | 282 | C20H42  | 000112-95-8 | 89   |
| 3    |    | Octadecane   | 254 | C18H38  | 000593-45-3 | 87   |
| 4    |    | Docosane     | 310 | C22H46  | 000629-97-0 | 87   |
| 5    |    | Heneicosane  | 296 | C21H44  | 000629-94-7 | 87   |



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

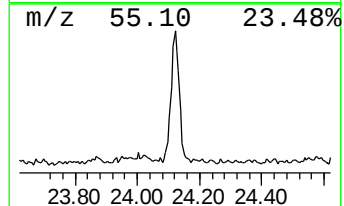
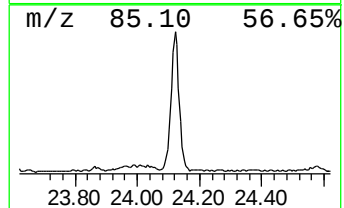
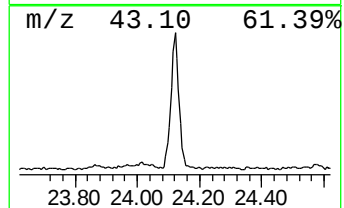
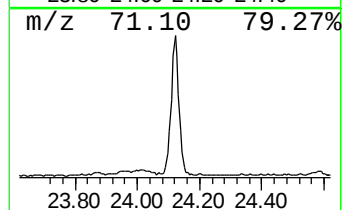
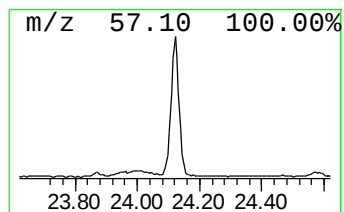
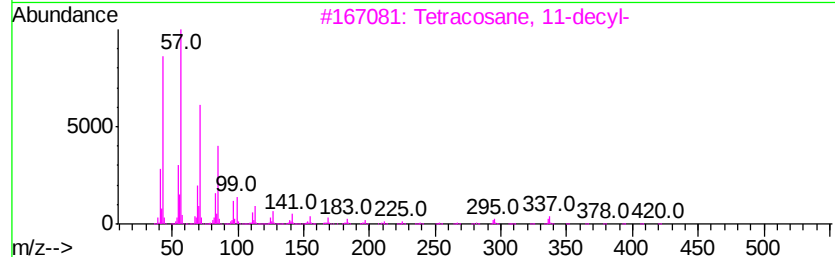
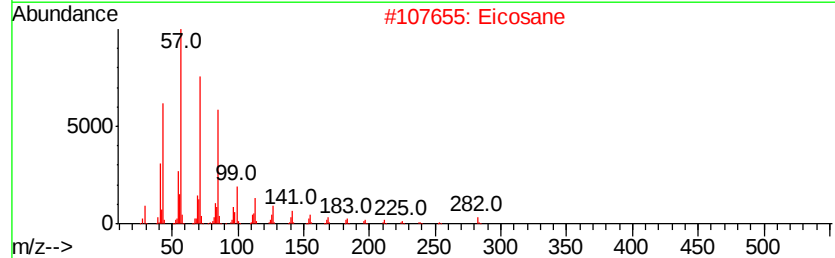
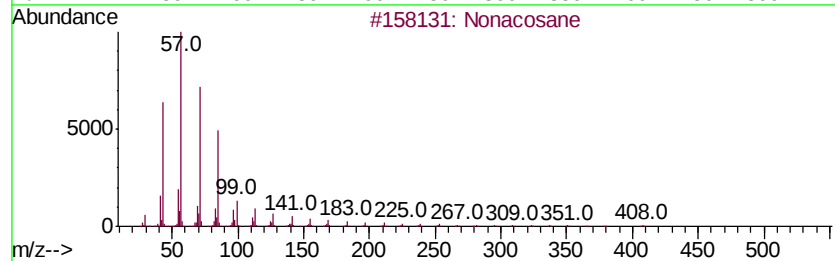
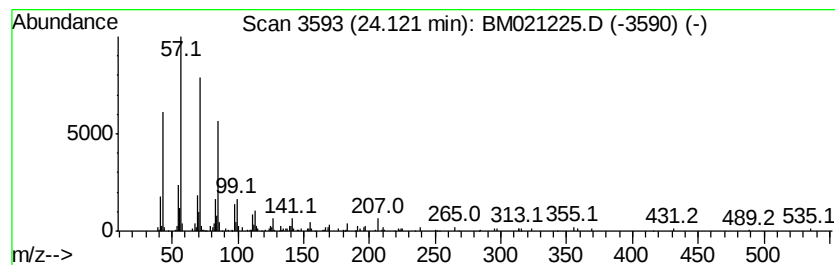
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.12 | 2.78 ng/ul | 420292 | Perylene-d12     | 23.60 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Nonacosane             | 408 | C29H60  | 000630-03-5 | 91   |
| 2    |    | Eicosane               | 282 | C20H42  | 000112-95-8 | 91   |
| 3    |    | Tetracosane, 11-decyl- | 479 | C34H70  | 055429-84-0 | 91   |
| 4    |    | Pentadecane, 8-heptyl- | 310 | C22H46  | 071005-15-7 | 91   |
| 5    |    | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4 | 91   |



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Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 3.02  | 10.6    | ng/ul | 599261   | 1                     | 7.76  | 1131400 | 20.0 |
| (DEL) Alkane: Str... | 22.90 | 2.3     | ng/ul | 344315   | 6                     | 23.60 | 3023360 | 20.0 |
| (DEL) Alkane: Str... | 24.12 | 2.8     | ng/ul | 420292   | 6                     | 23.60 | 3023360 | 20.0 |