

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\  
 Data File : BM006267.D  
 Acq On : 05 Jul 2016 20:45  
 Operator : UM/SJ  
 Sample : H3877-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 V001-BF002-01

## 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\SOM02.2-EPA-BM070216.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         | 6.822       | 713           | 720         | 734          | rBV      | 545847         | 967524        | 33.97%          | 2.630%        |
| 2         | 6.981       | 741           | 747         | 760          | rBV      | 446686         | 701182        | 24.62%          | 1.906%        |
| 3         | 7.175       | 774           | 780         | 792          | rBV      | 545787         | 909934        | 31.95%          | 2.473%        |
| 4         | 7.645       | 853           | 860         | 874          | rVB      | 770667         | 1305839       | 45.84%          | 3.549%        |
| 5         | 8.351       | 969           | 980         | 997          | rBV      | 661600         | 1126878       | 39.56%          | 3.063%        |
| 6         | 8.798       | 1046          | 1056        | 1069         | rBV      | 517392         | 901131        | 31.64%          | 2.449%        |
| 7         | 9.516       | 1170          | 1178        | 1193         | rVB      | 412131         | 726042        | 25.49%          | 1.973%        |
| 8         | 10.051      | 1262          | 1269        | 1281         | rBV      | 595919         | 1071103       | 37.60%          | 2.911%        |
| 9         | 10.422      | 1325          | 1332        | 1349         | rBV      | 1083571        | 1871400       | 65.70%          | 5.086%        |
| 10        | 10.563      | 1349          | 1356        | 1371         | rBV      | 586953         | 1115394       | 39.16%          | 3.032%        |
| 11        | 13.704      | 1883          | 1890        | 1895         | rBV      | 1003735        | 1505872       | 52.87%          | 4.093%        |
| 12        | 13.751      | 1895          | 1898        | 1908         | rVB      | 239350         | 349104        | 12.26%          | 0.949%        |
| 13        | 13.986      | 1930          | 1938        | 1948         | rBV      | 1152905        | 1861393       | 65.35%          | 5.059%        |
| 14        | 14.198      | 1969          | 1974        | 1983         | rBV      | 27365          | 45345         | 1.59%           | 0.123%        |
| 15        | 14.292      | 1983          | 1990        | 2003         | rVV2     | 1396133        | 2278353       | 79.99%          | 6.193%        |
| 16        | 14.510      | 2020          | 2027        | 2045         | rBV      | 346413         | 661152        | 23.21%          | 1.797%        |
| 17        | 15.157      | 2133          | 2137        | 2143         | rVB      | 35603          | 44007         | 1.54%           | 0.120%        |
| 18        | 15.292      | 2153          | 2160        | 2172         | rVB      | 1508552        | 2233735       | 78.42%          | 6.071%        |
| 19        | 15.421      | 2176          | 2182        | 2194         | rBV      | 333566         | 500166        | 17.56%          | 1.359%        |
| 20        | 16.015      | 2279          | 2283        | 2292         | rBV      | 35357          | 71723         | 2.52%           | 0.195%        |
| 21        | 16.810      | 2415          | 2418        | 2425         | rBV2     | 66305          | 105046        | 3.69%           | 0.286%        |
| 22        | 17.045      | 2451          | 2458        | 2467         | rBV      | 1688684        | 2495713       | 87.62%          | 6.783%        |
| 23        | 17.139      | 2468          | 2474        | 2486         | rVB2     | 1510458        | 2337178       | 82.05%          | 6.352%        |
| 24        | 19.080      | 2799          | 2804        | 2807         | rBV      | 20810          | 34836         | 1.22%           | 0.095%        |
| 25        | 19.445      | 2859          | 2866        | 2873         | rBV      | 1814312        | 2577107       | 90.47%          | 7.005%        |
| 26        | 20.962      | 3120          | 3124        | 3132         | rBV6     | 64257          | 148854        | 5.23%           | 0.405%        |
| 27        | 21.239      | 3165          | 3171        | 3183         | rBV      | 2158292        | 2848422       | 100.00%         | 7.742%        |
| 28        | 22.780      | 3429          | 3433        | 3439         | rVB2     | 72621          | 116492        | 4.09%           | 0.317%        |
| 29        | 23.309      | 3516          | 3523        | 3539         | rVB2     | 1291446        | 2642431       | 92.77%          | 7.182%        |
| 30        | 23.450      | 3540          | 3547        | 3555         | rBV      | 1421660        | 2717232       | 95.39%          | 7.385%        |
| 31        | 23.968      | 3630          | 3635        | 3642         | rVB      | 125524         | 247959        | 8.71%           | 0.674%        |
| 32        | 24.697      | 3754          | 3759        | 3768         | rVB      | 127778         | 273520        | 9.60%           | 0.743%        |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\  
Data File : BM006267.D  
Acq On : 05 Jul 2016 20:45  
Operator : UM/SJ  
Sample : H3877-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
V001-BF002-01

Integration Parameters: LSCINT.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
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\SOM02.2-EPA-BM070216.M  
Title : SVOA CALIBRATION

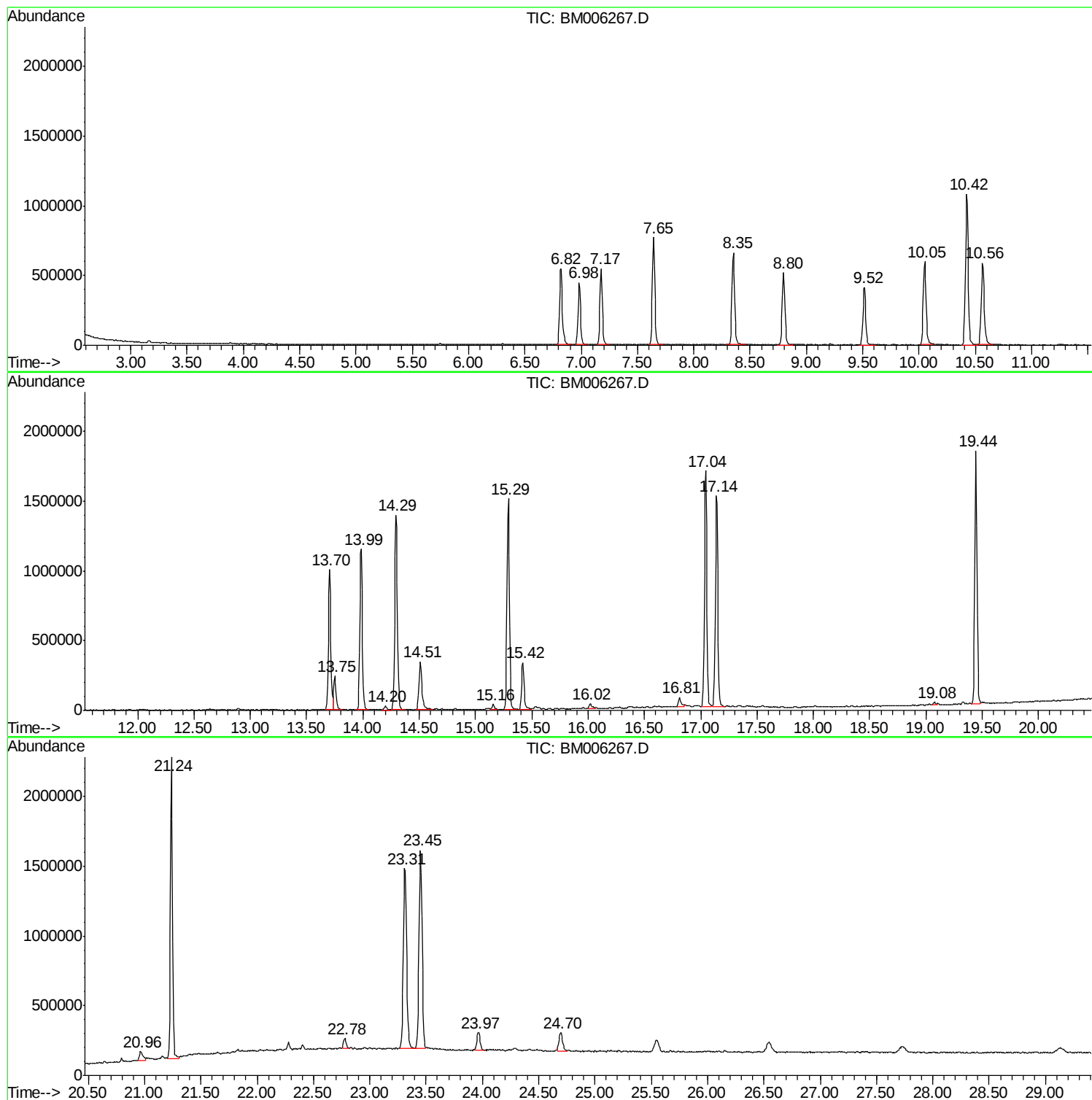
Sum of corrected areas: 36792067

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\  
Data File : BM006267.D  
Acq On : 05 Jul 2016 20:45  
Operator : UM/SJ  
Sample : H3877-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
V001-BF002-01

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM070516\  
Data File : BM006267.D  
Acq On : 05 Jul 2016 20:45  
Operator : UM/SJ  
Sample : H3877-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
V001-BF002-01

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M  
Quant Title : SVOA CALIBRATION

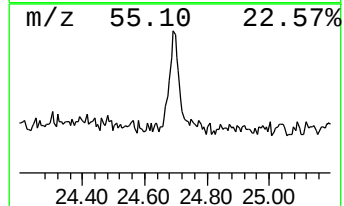
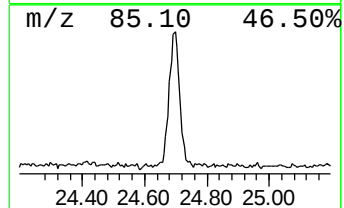
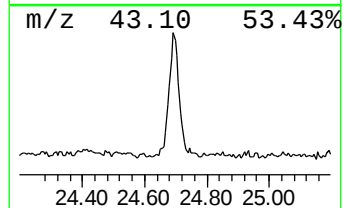
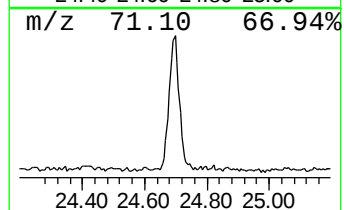
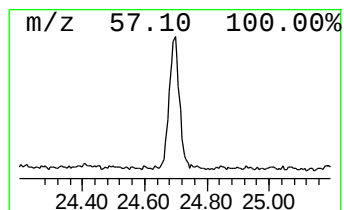
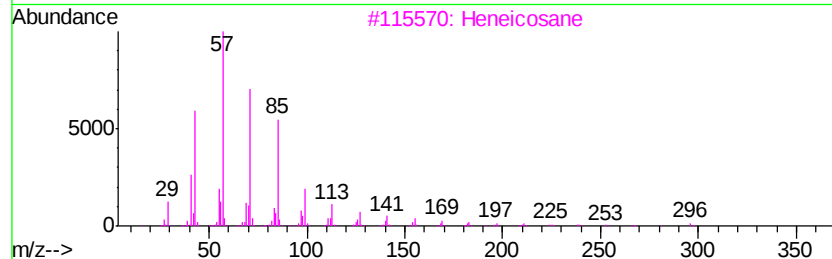
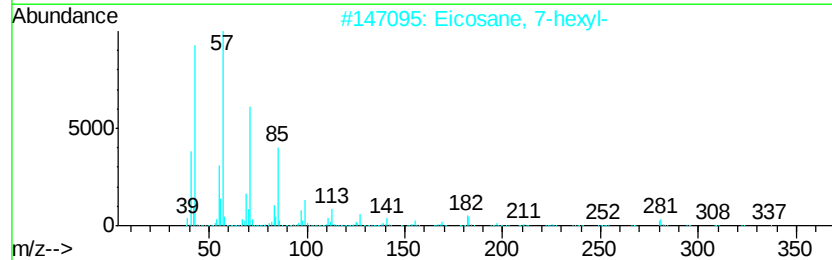
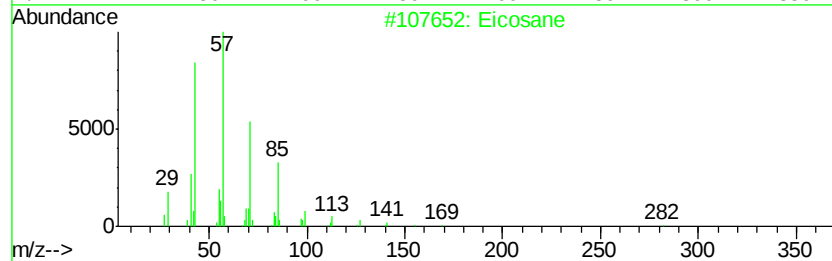
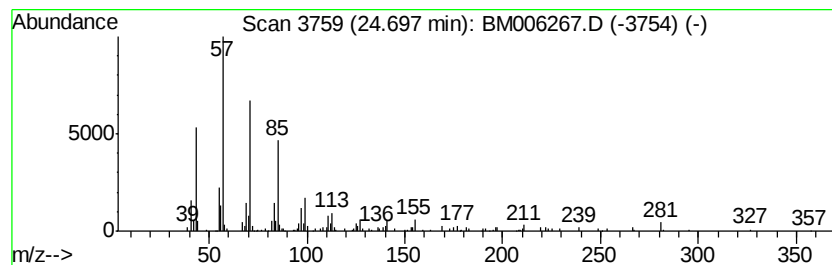
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.70 | 2.01 ng/ul | 273520 | Perylene-d12     | 23.45 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Eicosane               | 282 | C20H42  | 000112-95-8 | 91   |
| 2    |    |   | Eicosane, 7-hexyl-     | 366 | C26H54  | 055333-99-8 | 91   |
| 3    |    |   | Heneicosane            | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    |   | Heneicosane, 11-decyl- | 437 | C31H64  | 055320-06-4 | 90   |
| 5    |    |   | Tetratetracontane      | 619 | C44H90  | 007098-22-8 | 90   |



Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM070516\  
Data File : BM006267.D  
Acq On : 05 Jul 2016 20:45  
Operator : UM/SJ  
Sample : H3877-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
V001-BF002-01

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM070216.M  
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 |
| (DEL) Alkane: Str... | 24.70 | 2.0     | ng/ul | 273520   | 6                     | 23.45 | 2717230 | 20.0 |