

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM091917\  
 Data File : BM011622.D  
 Acq On : 20 Sep 2017 01:53  
 Operator : SJ/JU  
 Sample : I5273-03  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AK4

## 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:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090817MA.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         | 3.393       | 14            | 18          | 28           | rVB      | 84318          | 131955        | 0.15%           | 0.040%        |
| 2         | 5.069       | 298           | 303         | 314          | rBV      | 100194         | 157603        | 0.18%           | 0.048%        |
| 3         | 5.275       | 331           | 338         | 357          | rBV      | 28186445       | 43858495      | 49.62%          | 13.278%       |
| 4         | 7.116       | 642           | 651         | 664          | rBV      | 359427         | 626358        | 0.71%           | 0.190%        |
| 5         | 7.287       | 674           | 680         | 693          | rBV      | 1541337        | 2461822       | 2.79%           | 0.745%        |
| 6         | 7.492       | 708           | 715         | 732          | rBV      | 1502429        | 2495226       | 2.82%           | 0.755%        |
| 7         | 7.857       | 769           | 777         | 789          | rBV      | 4615761        | 7638097       | 8.64%           | 2.312%        |
| 8         | 8.004       | 796           | 802         | 815          | rVB      | 12095849       | 19766950      | 22.37%          | 5.984%        |
| 9         | 8.334       | 847           | 858         | 876          | rBV      | 47865922       | 88380926      | 100.00%         | 26.756%       |
| 10        | 8.657       | 907           | 913         | 929          | rBV      | 1063224        | 1835698       | 2.08%           | 0.556%        |
| 11        | 9.128       | 986           | 993         | 1012         | rBV      | 1913203        | 3285293       | 3.72%           | 0.995%        |
| 12        | 9.463       | 1044          | 1050        | 1059         | rBV      | 215054         | 385932        | 0.44%           | 0.117%        |
| 13        | 9.781       | 1099          | 1104        | 1109         | rVB      | 77875          | 144728        | 0.16%           | 0.044%        |
| 14        | 9.851       | 1109          | 1116        | 1123         | rVV      | 1478410        | 2567682       | 2.91%           | 0.777%        |
| 15        | 9.910       | 1123          | 1126        | 1134         | rVB2     | 60418          | 94321         | 0.11%           | 0.029%        |
| 16        | 10.386      | 1199          | 1207        | 1227         | rBV      | 2125629        | 3701307       | 4.19%           | 1.121%        |
| 17        | 10.639      | 1240          | 1250        | 1266         | rBV      | 27894781       | 47825283      | 54.11%          | 14.479%       |
| 18        | 10.775      | 1266          | 1273        | 1289         | rVB      | 2045916        | 3410112       | 3.86%           | 1.032%        |
| 19        | 11.157      | 1330          | 1338        | 1350         | rBV      | 8681042        | 14459285      | 16.36%          | 4.377%        |
| 20        | 12.757      | 1603          | 1610        | 1612         | rBV2     | 159743         | 247166        | 0.28%           | 0.075%        |
| 21        | 12.792      | 1612          | 1616        | 1624         | rVB      | 537862         | 875921        | 0.99%           | 0.265%        |
| 22        | 13.398      | 1712          | 1719        | 1731         | rBV      | 1905855        | 2980625       | 3.37%           | 0.902%        |
| 23        | 13.610      | 1749          | 1755        | 1772         | rVB      | 57521          | 130348        | 0.15%           | 0.039%        |
| 24        | 13.998      | 1814          | 1821        | 1836         | rBV      | 4727743        | 6325379       | 7.16%           | 1.915%        |
| 25        | 14.292      | 1864          | 1871        | 1895         | rBV      | 5015926        | 7257575       | 8.21%           | 2.197%        |
| 26        | 14.598      | 1915          | 1923        | 1940         | rVB2     | 2965689        | 4564337       | 5.16%           | 1.382%        |
| 27        | 14.780      | 1949          | 1954        | 1965         | rBV      | 168051         | 385311        | 0.44%           | 0.117%        |
| 28        | 14.910      | 1972          | 1976        | 1983         | rVB      | 141822         | 217386        | 0.25%           | 0.066%        |
| 29        | 15.074      | 2000          | 2004        | 2017         | rVB2     | 91645          | 153804        | 0.17%           | 0.047%        |
| 30        | 15.586      | 2084          | 2091        | 2104         | rBV      | 6634312        | 9429536       | 10.67%          | 2.855%        |
| 31        | 15.698      | 2104          | 2110        | 2126         | rVV      | 2162637        | 3126243       | 3.54%           | 0.946%        |
| 32        | 15.827      | 2126          | 2132        | 2137         | rVB2     | 68979          | 110970        | 0.13%           | 0.034%        |
| 33        | 17.333      | 2381          | 2388        | 2399         | rBV2     | 3577631        | 5422535       | 6.14%           | 1.642%        |
| 34        | 17.433      | 2399          | 2405        | 2425         | rVB      | 7398049        | 10389609      | 11.76%          | 3.145%        |

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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:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090817MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 35 | 19.356 | 2728 | 2732 | 2738 | rVB  | 67717   | 90573    | 0.10%  | 0.027% |
| 36 | 19.474 | 2748 | 2752 | 2762 | rBV4 | 65181   | 122387   | 0.14%  | 0.037% |
| 37 | 19.609 | 2771 | 2775 | 2783 | rVB2 | 61883   | 116032   | 0.13%  | 0.035% |
| 38 | 19.721 | 2787 | 2794 | 2805 | rBV  | 9093505 | 11910079 | 13.48% | 3.606% |
| 39 | 21.497 | 3091 | 3096 | 3106 | rBV  | 4617819 | 6169021  | 6.98%  | 1.868% |
| 40 | 23.721 | 3466 | 3474 | 3487 | rBV2 | 5684741 | 11032295 | 12.48% | 3.340% |
| 41 | 23.874 | 3493 | 3500 | 3514 | rVB  | 2691690 | 5478903  | 6.20%  | 1.659% |
| 42 | 24.403 | 3586 | 3590 | 3599 | rVB  | 275103  | 553589   | 0.63%  | 0.168% |

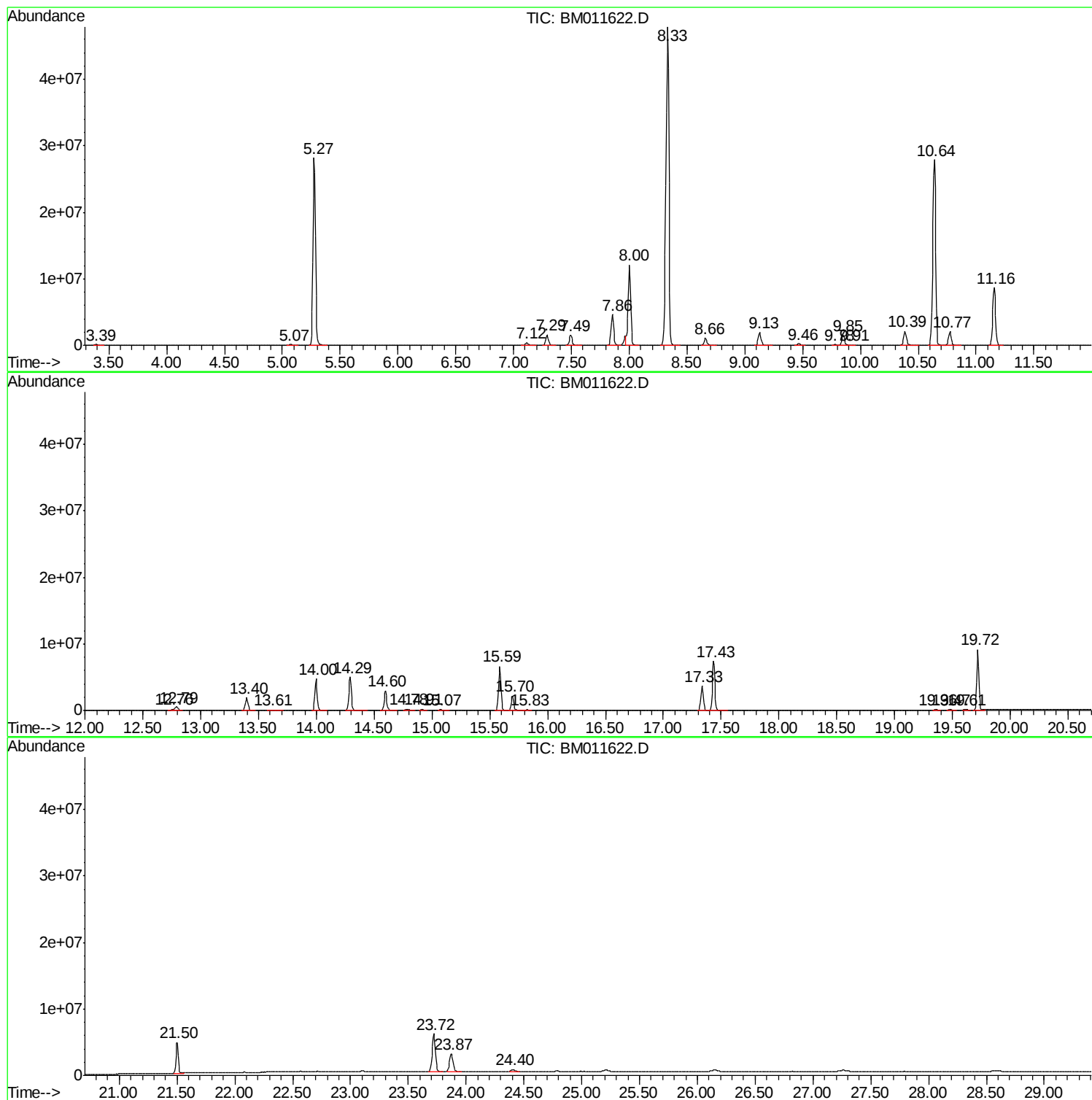
Sum of corrected areas: 330316697

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090817MA.M  
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

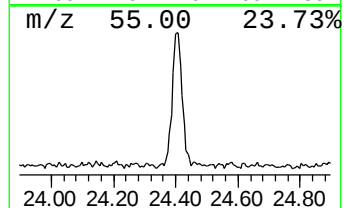
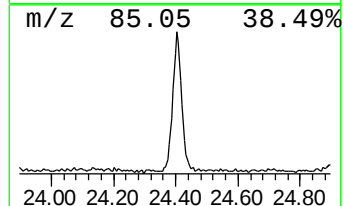
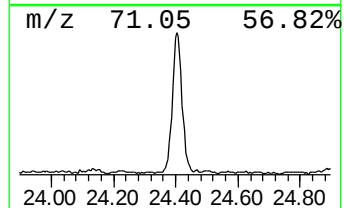
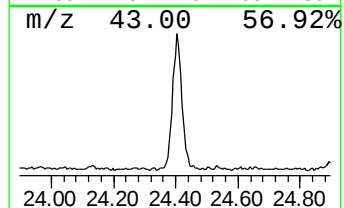
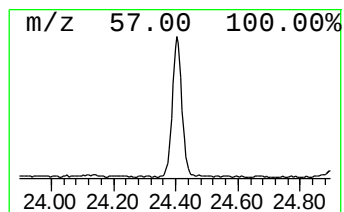
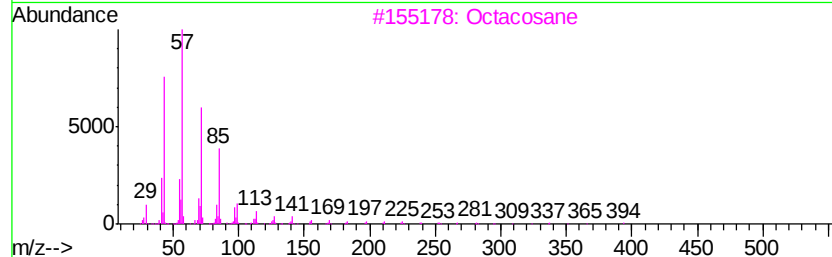
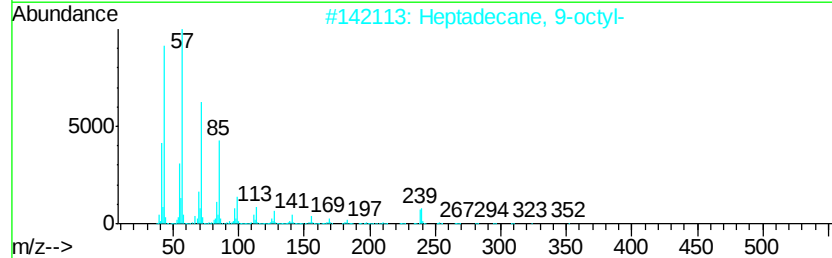
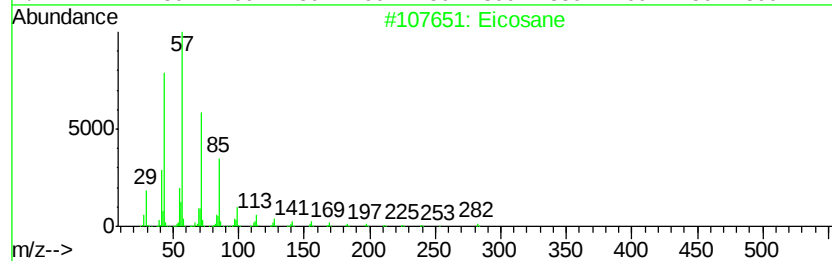
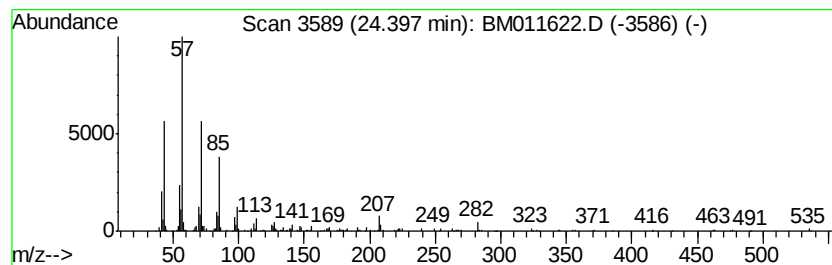
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.40 | 2.02 ng/ul | 553589 | Perylene-d12     | 23.87 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane              | 282 | C20H42  | 000112-95-8 | 94   |
| 2    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 81   |
| 3    |    | Octacosane            | 394 | C28H58  | 000630-02-4 | 81   |
| 4    |    | Pentadecane           | 212 | C15H32  | 000629-62-9 | 74   |
| 5    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 74   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 24.40 | 2.0     | ng/ul | 553589   | 6                     | 23.87 | 5478900 | 20.0 |