

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN092818\  
 Data File : BN002868.D  
 Acq On : 29 Sep 2018 01:37  
 Operator : MJ/SJ  
 Sample : J5117-13  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 JLC88

## 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:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.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         | 3.205       | 33            | 37          | 46           | rVB      | 33712          | 48634         | 1.73%           | 0.164%        |
| 2         | 6.816       | 646           | 651         | 664          | rBV      | 119102         | 223033        | 7.93%           | 0.751%        |
| 3         | 6.969       | 671           | 677         | 696          | rBV      | 488579         | 769885        | 27.37%          | 2.593%        |
| 4         | 7.169       | 704           | 711         | 725          | rBV      | 492863         | 839117        | 29.83%          | 2.826%        |
| 5         | 7.628       | 782           | 789         | 802          | rBV      | 476203         | 781572        | 27.79%          | 2.633%        |
| 6         | 8.340       | 904           | 910         | 925          | rBV      | 366218         | 632813        | 22.50%          | 2.131%        |
| 7         | 8.775       | 978           | 984         | 996          | rBV      | 559962         | 947881        | 33.70%          | 3.193%        |
| 8         | 9.493       | 1099          | 1106        | 1119         | rBV      | 451409         | 791774        | 28.15%          | 2.667%        |
| 9         | 10.034      | 1191          | 1198        | 1231         | rBV      | 525404         | 1135567       | 40.37%          | 3.825%        |
| 10        | 10.393      | 1252          | 1259        | 1270         | rBV      | 683847         | 1149498       | 40.87%          | 3.872%        |
| 11        | 13.681      | 1811          | 1818        | 1827         | rBV      | 1183470        | 1728870       | 61.47%          | 5.823%        |
| 12        | 13.951      | 1858          | 1864        | 1879         | rBV      | 1466091        | 2228026       | 79.21%          | 7.505%        |
| 13        | 14.263      | 1910          | 1917        | 1929         | rVB2     | 971264         | 1454081       | 51.70%          | 4.898%        |
| 14        | 14.528      | 1957          | 1962        | 1973         | rBV4     | 22786          | 70874         | 2.52%           | 0.239%        |
| 15        | 15.263      | 2080          | 2087        | 2098         | rBV      | 1881430        | 2688114       | 95.57%          | 9.054%        |
| 16        | 15.404      | 2106          | 2111        | 2124         | rBV      | 422407         | 681831        | 24.24%          | 2.297%        |
| 17        | 17.016      | 2379          | 2385        | 2392         | rBV      | 1108329        | 1535137       | 54.58%          | 5.171%        |
| 18        | 17.116      | 2395          | 2402        | 2419         | rVB      | 1877269        | 2680087       | 95.29%          | 9.027%        |
| 19        | 19.416      | 2787          | 2793        | 2805         | rBV2     | 1946454        | 2758042       | 98.06%          | 9.290%        |
| 20        | 21.222      | 3094          | 3100        | 3115         | rBV      | 1054157        | 1521374       | 54.09%          | 5.124%        |
| 21        | 22.257      | 3272          | 3276        | 3282         | rBV      | 59770          | 75722         | 2.69%           | 0.255%        |
| 22        | 22.751      | 3356          | 3360        | 3365         | rVB      | 87470          | 109185        | 3.88%           | 0.368%        |
| 23        | 23.286      | 3443          | 3451        | 3465         | rBV      | 1458879        | 2812647       | 100.00%         | 9.474%        |
| 24        | 23.422      | 3467          | 3474        | 3487         | rVB2     | 751917         | 1491715       | 53.04%          | 5.025%        |
| 25        | 23.927      | 3555          | 3560        | 3567         | rVB      | 105304         | 181738        | 6.46%           | 0.612%        |
| 26        | 24.651      | 3677          | 3683        | 3692         | rVB      | 97659          | 215921        | 7.68%           | 0.727%        |
| 27        | 25.486      | 3820          | 3825        | 3832         | rVB4     | 58472          | 135666        | 4.82%           | 0.457%        |

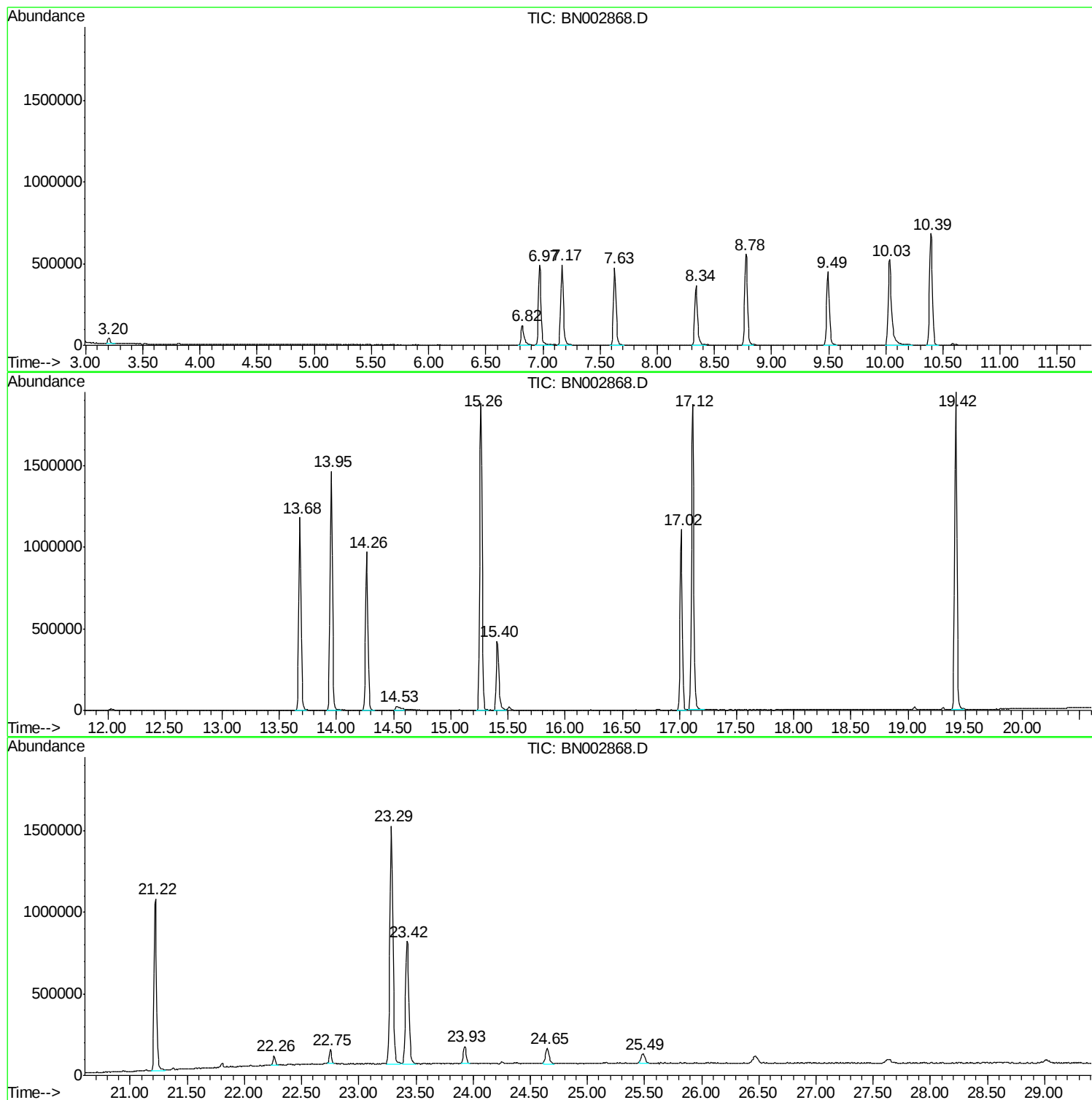
Sum of corrected areas: 29688804

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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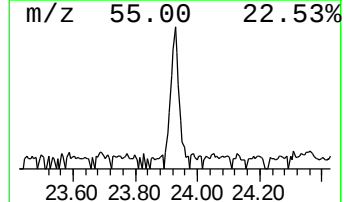
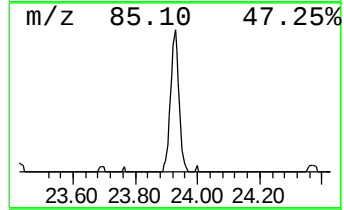
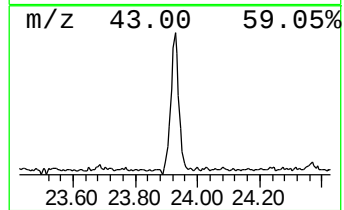
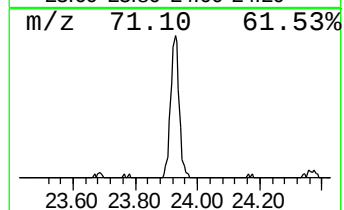
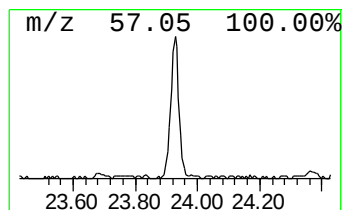
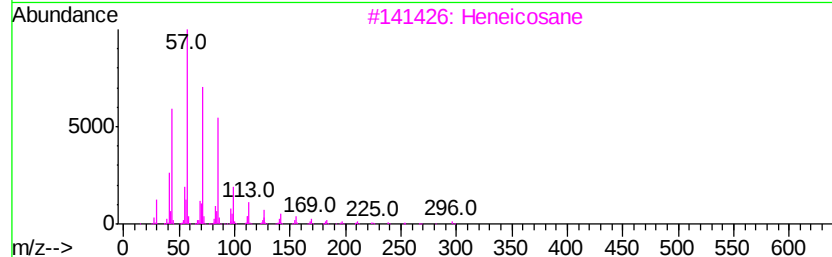
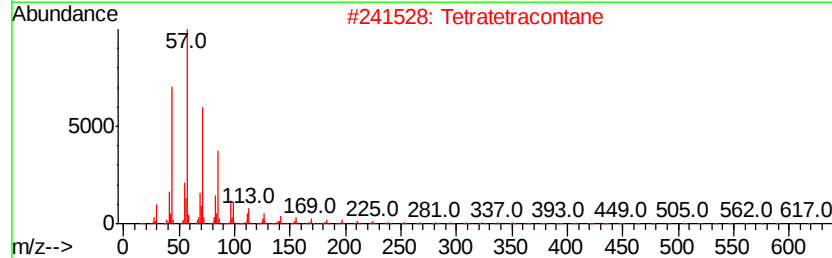
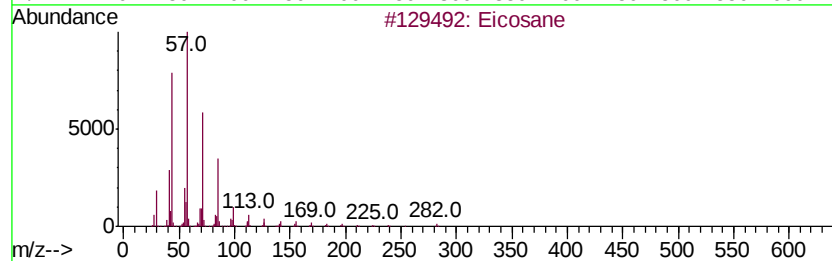
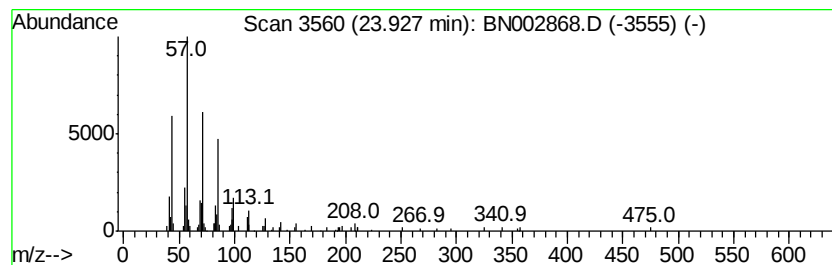
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 23.93 | 2.44 ng/ul | 181738 | Perylene-d12     | 23.42 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Eicosane          | 282 | C20H42  | 000112-95-8 | 95   |
| 2    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 90   |
| 3    |    | Heneicosane       | 296 | C21H44  | 000629-94-7 | 90   |
| 4    |    | Heptacosane       | 380 | C27H56  | 000593-49-7 | 90   |
| 5    |    | Tetracosane       | 338 | C24H50  | 000646-31-1 | 90   |



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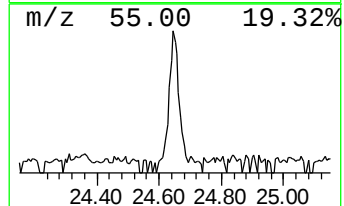
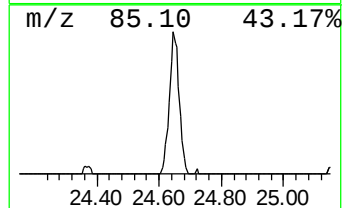
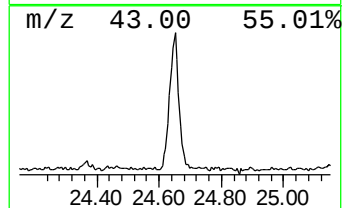
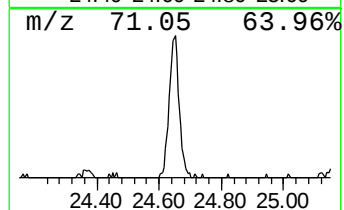
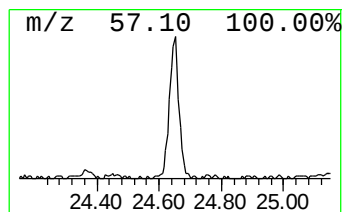
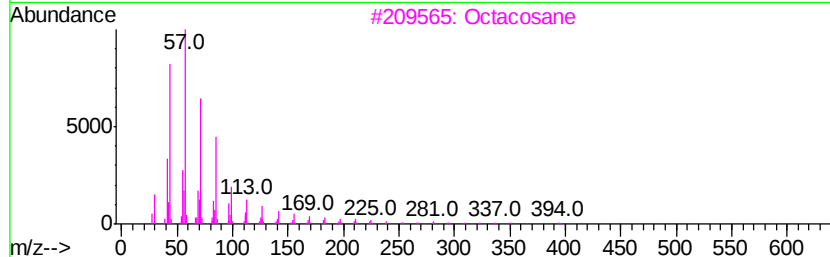
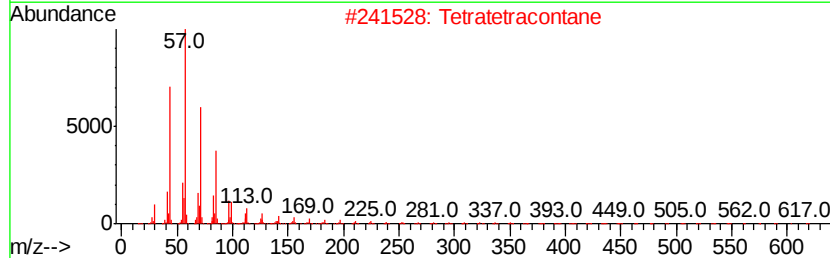
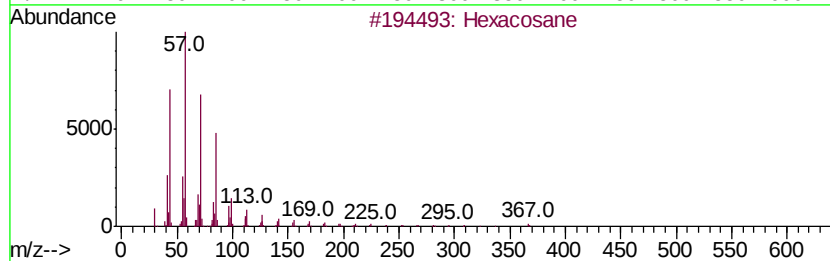
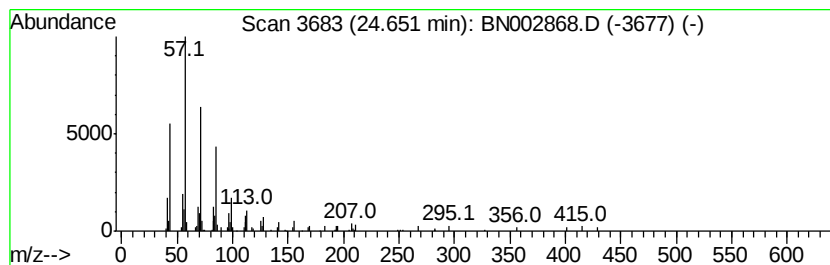
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.65 | 2.89 ng/ul | 215921 | Perylene-d12     | 23.42 |

| Hit# | of | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------|-----|---------|-------------|------|
| 1    | 5  | Hexacosane        | 366 | C26H54  | 000630-01-3 | 90   |
| 2    |    | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 90   |
| 3    |    | Octacosane        | 394 | C28H58  | 000630-02-4 | 90   |
| 4    |    | Heneicosane       | 296 | C21H44  | 000629-94-7 | 90   |
| 5    |    | Tetracosane       | 338 | C24H50  | 000646-31-1 | 90   |



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|                      |       |         |       |          | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
| TIC Top Hit name     | RT    | EstConc | Units | Response | #                     | RT    | Resp    | Conc |
| (DEL) Alkane: Str... | 23.93 | 2.4     | ng/ul | 181738   | 6                     | 23.42 | 1491720 | 20.0 |
| (DEL) Alkane: Str... | 24.65 | 2.9     | ng/ul | 215921   | 6                     | 23.42 | 1491720 | 20.0 |