

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\  
 Data File : BM009823.D  
 Acq On : 30 Apr 2017 21:55  
 Operator : SJ/MA  
 Sample : I2849-16  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHSX7

## 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\SOM-EPA-BM042517.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         | 3.299       | 31            | 36          | 46           | rVB      | 62096          | 97873         | 1.83%           | 0.171%        |
| 2         | 6.987       | 656           | 663         | 676          | rVB      | 1228677        | 2019267       | 37.84%          | 3.521%        |
| 3         | 7.151       | 684           | 691         | 700          | rBV      | 880137         | 1358191       | 25.45%          | 2.368%        |
| 4         | 7.345       | 718           | 724         | 731          | rBV      | 1187618        | 1882154       | 35.27%          | 3.282%        |
| 5         | 7.816       | 797           | 804         | 810          | rBV      | 1036218        | 1622461       | 30.40%          | 2.829%        |
| 6         | 8.522       | 917           | 924         | 934          | rBV      | 1394476        | 2273223       | 42.59%          | 3.963%        |
| 7         | 8.981       | 994           | 1002        | 1011         | rBV      | 1180188        | 1950053       | 36.54%          | 3.400%        |
| 8         | 9.092       | 1015          | 1021        | 1025         | rBV3     | 57846          | 92954         | 1.74%           | 0.162%        |
| 9         | 9.698       | 1116          | 1124        | 1132         | rBV      | 1011100        | 1681795       | 31.51%          | 2.932%        |
| 10        | 10.233      | 1209          | 1215        | 1224         | rBV      | 1414729        | 2402610       | 45.02%          | 4.189%        |
| 11        | 10.610      | 1272          | 1279        | 1287         | rBV      | 1396548        | 2308519       | 43.26%          | 4.025%        |
| 12        | 10.757      | 1296          | 1304        | 1317         | rBV      | 1224098        | 2089639       | 39.15%          | 3.643%        |
| 13        | 13.874      | 1823          | 1834        | 1838         | rBV      | 2295405        | 3272365       | 61.32%          | 5.705%        |
| 14        | 13.916      | 1838          | 1841        | 1847         | rVB      | 556673         | 729798        | 13.67%          | 1.272%        |
| 15        | 14.157      | 1875          | 1882        | 1888         | rBV      | 2778442        | 4049135       | 75.87%          | 7.060%        |
| 16        | 14.327      | 1904          | 1911        | 1920         | rVB4     | 95314          | 199092        | 3.73%           | 0.347%        |
| 17        | 14.463      | 1928          | 1934        | 1942         | rVB2     | 1941397        | 2959398       | 55.45%          | 5.160%        |
| 18        | 14.680      | 1964          | 1971        | 1981         | rBV      | 1179200        | 1879971       | 35.23%          | 3.278%        |
| 19        | 15.286      | 2070          | 2074        | 2079         | rBV      | 119917         | 152949        | 2.87%           | 0.267%        |
| 20        | 15.457      | 2097          | 2103        | 2112         | rBV      | 3276467        | 4797239       | 89.89%          | 8.364%        |
| 21        | 15.592      | 2121          | 2126        | 2135         | rBV      | 868971         | 1274543       | 23.88%          | 2.222%        |
| 22        | 15.692      | 2139          | 2143        | 2148         | rVB2     | 85226          | 138046        | 2.59%           | 0.241%        |
| 23        | 16.151      | 2217          | 2221        | 2224         | rBV      | 167824         | 262792        | 4.92%           | 0.458%        |
| 24        | 16.939      | 2353          | 2355        | 2359         | rVB      | 106855         | 121327        | 2.27%           | 0.212%        |
| 25        | 17.215      | 2396          | 2402        | 2409         | rBV      | 2384138        | 3426974       | 64.21%          | 5.975%        |
| 26        | 17.315      | 2413          | 2419        | 2426         | rVB2     | 3590767        | 5064828       | 94.90%          | 8.831%        |
| 27        | 17.680      | 2479          | 2481        | 2485         | rVB3     | 95087          | 109713        | 2.06%           | 0.191%        |
| 28        | 18.086      | 2547          | 2550        | 2555         | rBV2     | 353884         | 498594        | 9.34%           | 0.869%        |
| 29        | 19.609      | 2805          | 2809        | 2817         | rVB      | 4047832        | 5336968       | 100.00%         | 9.305%        |
| 30        | 21.397      | 3110          | 3113        | 3118         | rVB      | 2736595        | 3302610       | 61.88%          | 5.758%        |

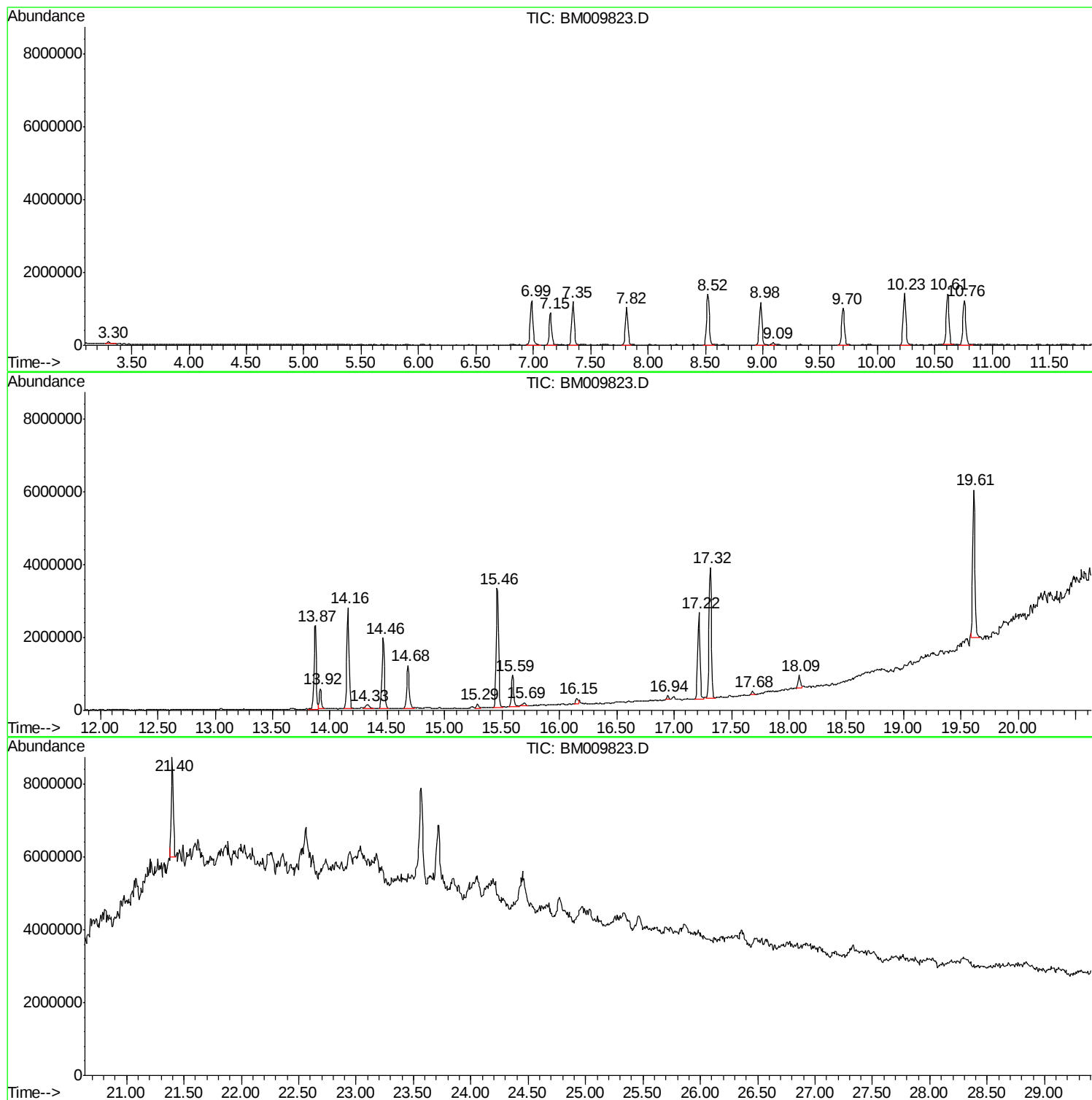
Sum of corrected areas: 57355081

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M  
Quant Title : SVOA CALIBRATION

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



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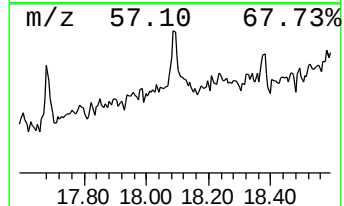
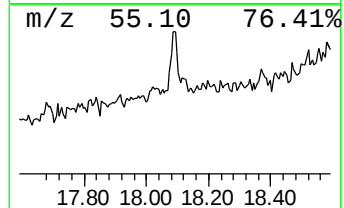
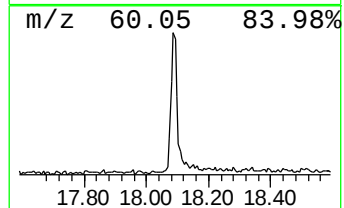
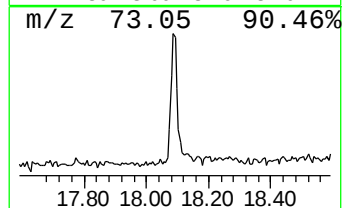
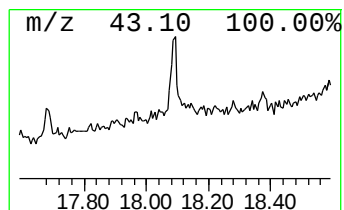
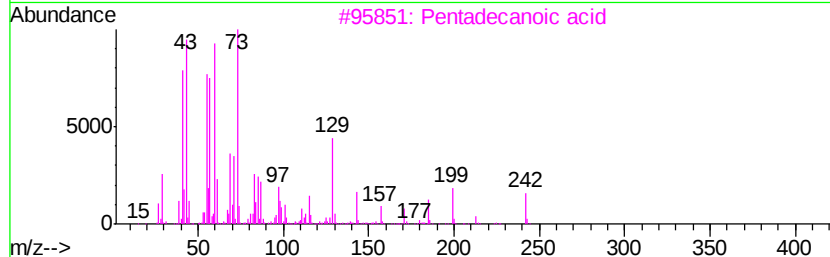
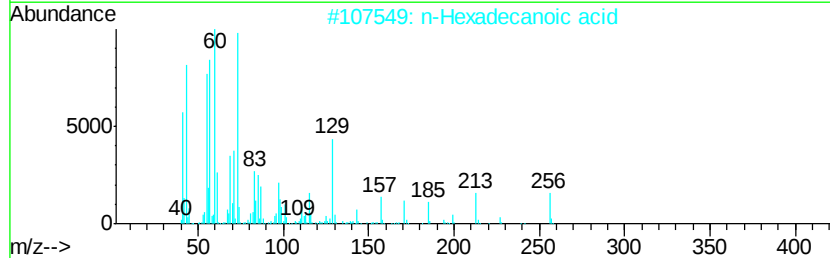
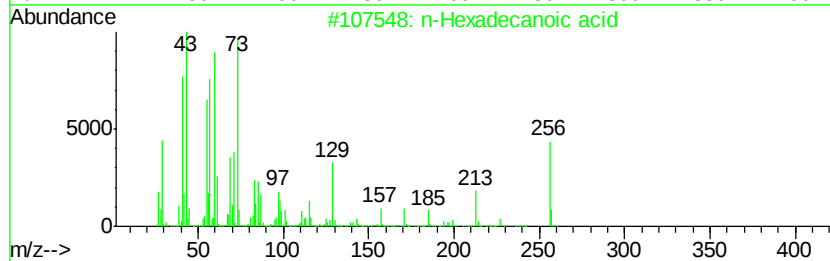
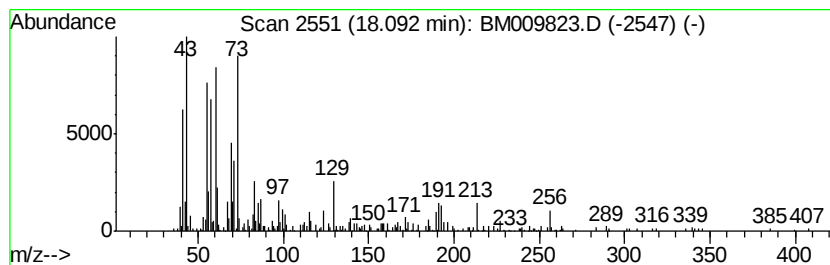
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.    | EstConc    | Area                | Relative to ISTD | R.T.     |             |      |
|---------|------------|---------------------|------------------|----------|-------------|------|
| 18.09   | 2.91 ng/ul | 498594              | Phenanthrene-d10 | 17.22    |             |      |
| Hit# of | 5          | Tentative ID        | MW               | MolForm  | CAS#        | Qual |
| 1       |            | n-Hexadecanoic acid | 256              | C16H32O2 | 000057-10-3 | 95   |
| 2       |            | n-Hexadecanoic acid | 256              | C16H32O2 | 000057-10-3 | 93   |
| 3       |            | Pentadecanoic acid  | 242              | C15H30O2 | 001002-84-2 | 93   |
| 4       |            | Tridecanoic acid    | 214              | C13H26O2 | 000638-53-9 | 70   |
| 5       |            | Tridecanoic acid    | 214              | C13H26O2 | 000638-53-9 | 70   |



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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                     |       |         |       |          | #                     | RT    | Resp    | Conc |
| n-Hexadecanoic acid | 18.09 | 2.9     | ng/ul | 498594   | 4                     | 17.22 | 3426970 | 20.0 |