

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\  
 Data File : BM014076.D  
 Acq On : 01 Feb 2018 16:46  
 Operator : SJ/JU  
 Sample : J1339-11  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6D20

## 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-BM013118.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      | 6.745    | 633        | 639      | 653       | rBV2  | 300413      | 610926     | 22.00%       | 2.216%     |
| 2      | 6.904    | 661        | 666      | 684       | rVB   | 231331      | 404833     | 14.58%       | 1.468%     |
| 3      | 7.092    | 692        | 698      | 710       | rBV2  | 355485      | 595392     | 21.44%       | 2.160%     |
| 4      | 7.557    | 770        | 777      | 788       | rBV   | 316945      | 536717     | 19.33%       | 1.947%     |
| 5      | 8.275    | 891        | 899      | 918       | rBV2  | 365718      | 733113     | 26.40%       | 2.659%     |
| 6      | 8.716    | 967        | 974      | 989       | rBV   | 351941      | 645233     | 23.24%       | 2.340%     |
| 7      | 9.110    | 1034       | 1041     | 1046      | rVB4  | 15804       | 30112      | 1.08%        | 0.109%     |
| 8      | 9.433    | 1086       | 1096     | 1108      | rBV   | 305204      | 586522     | 21.12%       | 2.127%     |
| 9      | 9.969    | 1180       | 1187     | 1199      | rBV2  | 384284      | 785623     | 28.29%       | 2.850%     |
| 10     | 10.328   | 1241       | 1248     | 1256      | rBV   | 434844      | 751450     | 27.06%       | 2.726%     |
| 11     | 10.486   | 1269       | 1275     | 1296      | rVB   | 303054      | 657803     | 23.69%       | 2.386%     |
| 12     | 12.969   | 1693       | 1697     | 1703      | rVB7  | 21654       | 41001      | 1.48%        | 0.149%     |
| 13     | 13.033   | 1703       | 1708     | 1712      | rBV6  | 13678       | 29760      | 1.07%        | 0.108%     |
| 14     | 13.633   | 1804       | 1810     | 1815      | rBV   | 856940      | 1267233    | 45.64%       | 4.597%     |
| 15     | 13.680   | 1815       | 1818     | 1827      | rVV   | 152872      | 274581     | 9.89%        | 0.996%     |
| 16     | 13.904   | 1849       | 1856     | 1863      | rBV   | 979527      | 1486594    | 53.54%       | 5.392%     |
| 17     | 14.116   | 1886       | 1892     | 1896      | rBV5  | 34753       | 54686      | 1.97%        | 0.198%     |
| 18     | 14.210   | 1902       | 1908     | 1915      | rBV2  | 664624      | 1057901    | 38.10%       | 3.837%     |
| 19     | 14.463   | 1946       | 1951     | 1961      | rBV2  | 146269      | 381211     | 13.73%       | 1.383%     |
| 20     | 15.074   | 2051       | 2055     | 2062      | rVB   | 46393       | 64335      | 2.32%        | 0.233%     |
| 21     | 15.215   | 2072       | 2079     | 2087      | rBV   | 1221242     | 1857990    | 66.91%       | 6.739%     |
| 22     | 15.362   | 2099       | 2104     | 2116      | rBV2  | 269021      | 529596     | 19.07%       | 1.921%     |
| 23     | 15.939   | 2198       | 2202     | 2209      | rVB3  | 44015       | 64514      | 2.32%        | 0.234%     |
| 24     | 16.186   | 2237       | 2244     | 2252      | rVB3  | 13452       | 29668      | 1.07%        | 0.108%     |
| 25     | 16.627   | 2312       | 2319     | 2328      | rBV2  | 542307      | 908176     | 32.71%       | 3.294%     |
| 26     | 16.968   | 2370       | 2377     | 2386      | rBV   | 1024459     | 1433689    | 51.63%       | 5.200%     |
| 27     | 17.068   | 2386       | 2394     | 2404      | rBV2  | 1475935     | 2169168    | 78.12%       | 7.868%     |
| 28     | 17.592   | 2479       | 2483     | 2489      | rBV9  | 21171       | 30560      | 1.10%        | 0.111%     |
| 29     | 17.874   | 2524       | 2531     | 2541      | rBV3  | 98868       | 210274     | 7.57%        | 0.763%     |
| 30     | 19.015   | 2722       | 2725     | 2730      | rBV4  | 26962       | 43393      | 1.56%        | 0.157%     |
| 31     | 19.168   | 2747       | 2751     | 2756      | rBV3  | 70895       | 119915     | 4.32%        | 0.435%     |
| 32     | 19.374   | 2780       | 2786     | 2794      | rBV   | 1842035     | 2672457    | 96.24%       | 9.694%     |
| 33     | 20.897   | 3041       | 3045     | 3051      | rBV6  | 69152       | 108632     | 3.91%        | 0.394%     |
| 34     | 21.174   | 3087       | 3092     | 3104      | rBV   | 1384655     | 1926797    | 69.39%       | 6.989%     |

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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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|    |        |      |      |      |     |         |         |         |         |
|----|--------|------|------|------|-----|---------|---------|---------|---------|
| 35 | 23.221 | 3433 | 3440 | 3448 | rBV | 1505141 | 2776764 | 100.00% | 10.072% |
| 36 | 23.356 | 3457 | 3463 | 3472 | rVB | 859105  | 1692290 | 60.94%  | 6.138%  |

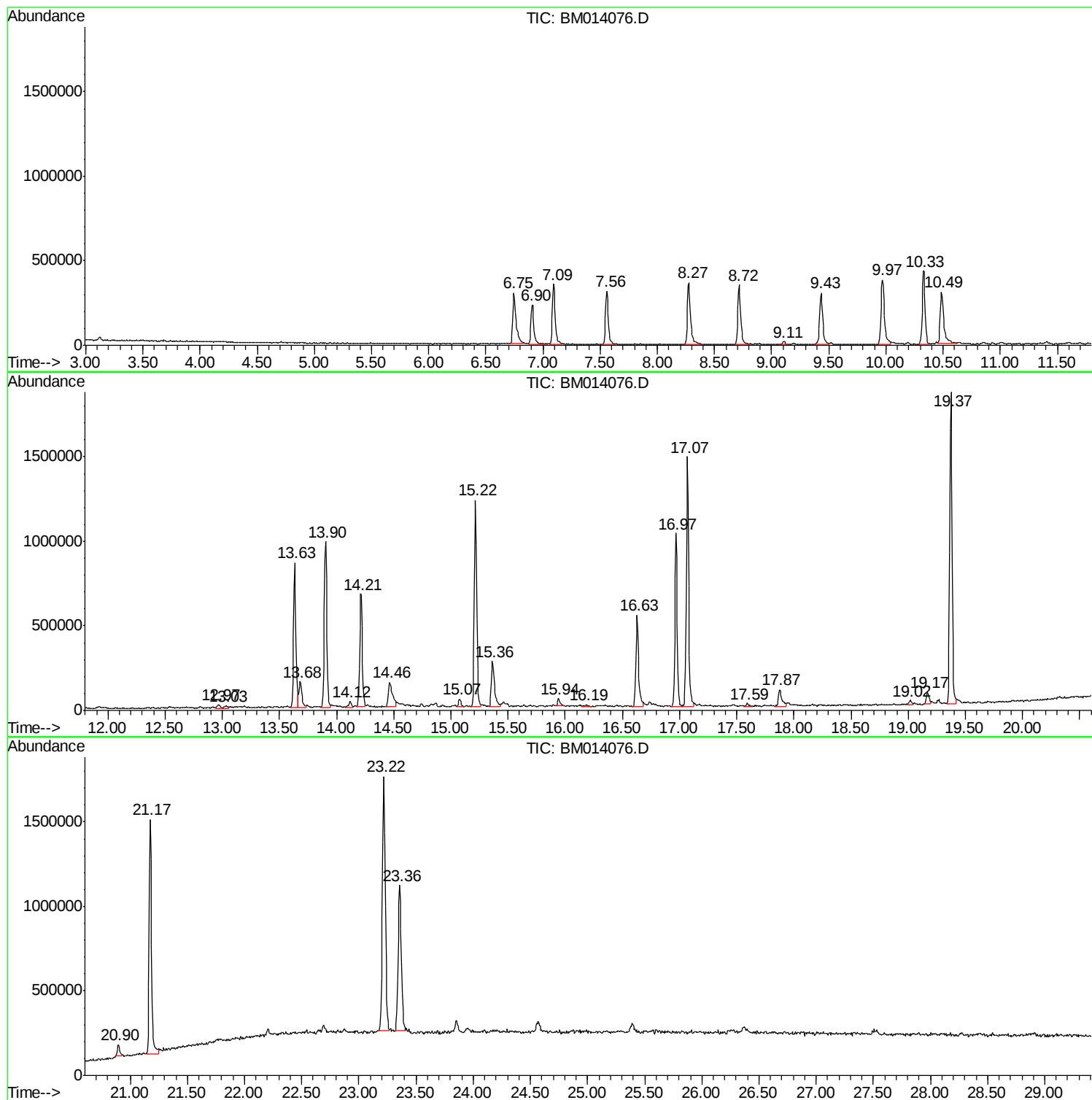
Sum of corrected areas: 27568909

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
Quant Title : SVOA CALIBRATION

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



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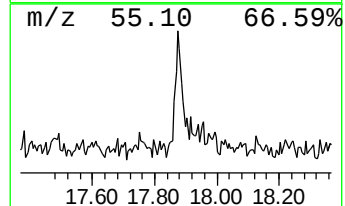
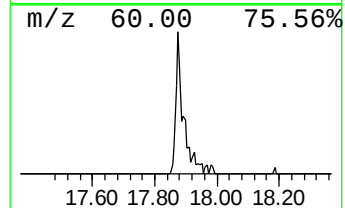
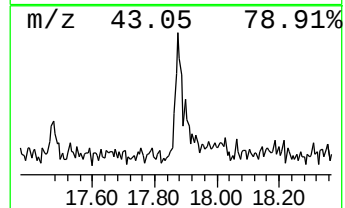
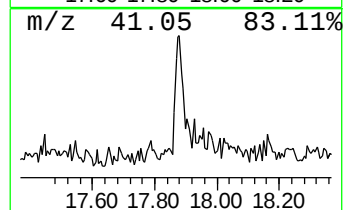
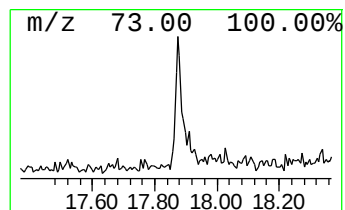
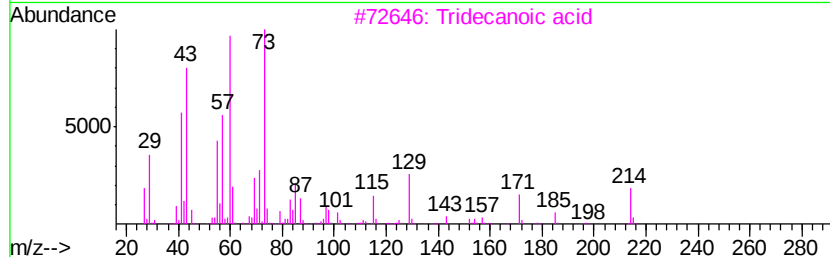
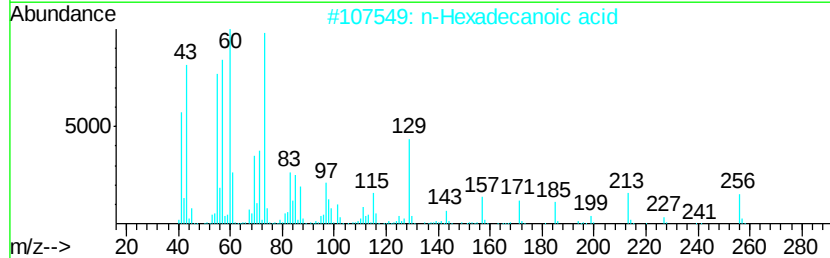
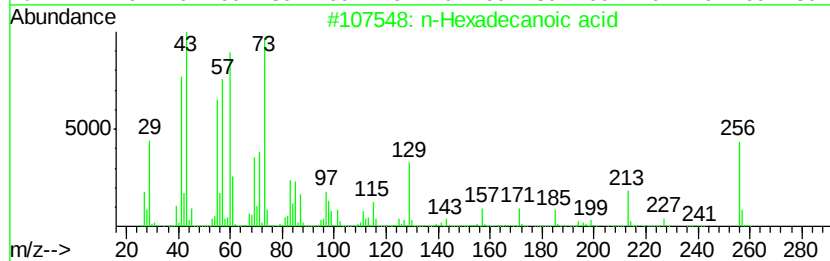
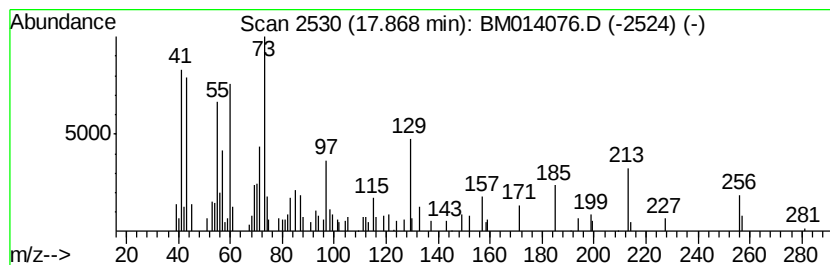
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 17.87 | 2.93 ng/ul | 210274 | Phenanthrene-d10 | 16.97 |

| Hit# of | 5                   | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|---------------------|--------------|----------|-------------|------|------|
| 1       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 90   |      |
| 2       | n-Hexadecanoic acid | 256          | C16H32O2 | 000057-10-3 | 81   |      |
| 3       | Tridecanoic acid    | 214          | C13H26O2 | 000638-53-9 | 76   |      |
| 4       | Tridecanoic acid    | 214          | C13H26O2 | 000638-53-9 | 68   |      |
| 5       | Tetradecanoic acid  | 228          | C14H28O2 | 000544-63-8 | 64   |      |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                     |       |         |       |          | #                     | RT    | Resp    | Conc |
| n-Hexadecanoic acid | 17.87 | 2.9     | ng/ul | 210274   | 4                     | 16.97 | 1433690 | 20.0 |