

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110717\  
 Data File : BM012809.D  
 Acq On : 07 Nov 2017 23:16  
 Operator : SJ/JU  
 Sample : I6164-09  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ET0D9

## 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-BM110417MA.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      | 3.805    | 117        | 122      | 127       | rVB   | 16289       | 22595      | 1.04%        | 0.092%     |
| 2      | 4.934    | 308        | 314      | 321       | rBV2  | 12988       | 27870      | 1.28%        | 0.114%     |
| 3      | 6.975    | 654        | 661      | 674       | rBV2  | 279202      | 506722     | 23.25%       | 2.072%     |
| 4      | 7.134    | 681        | 688      | 696       | rBV   | 227672      | 349102     | 16.02%       | 1.427%     |
| 5      | 7.334    | 716        | 722      | 733       | rBV   | 301240      | 478114     | 21.94%       | 1.955%     |
| 6      | 7.799    | 795        | 801      | 809       | rBV   | 479993      | 736621     | 33.80%       | 3.012%     |
| 7      | 8.510    | 915        | 922      | 934       | rBV   | 250160      | 416899     | 19.13%       | 1.705%     |
| 8      | 8.957    | 991        | 998      | 1008      | rBV   | 279838      | 461711     | 21.18%       | 1.888%     |
| 9      | 9.675    | 1114       | 1120     | 1128      | rBV   | 245855      | 405923     | 18.62%       | 1.660%     |
| 10     | 10.216   | 1206       | 1212     | 1223      | rBV   | 377412      | 637280     | 29.24%       | 2.606%     |
| 11     | 10.587   | 1268       | 1275     | 1284      | rBV   | 669803      | 1107855    | 50.83%       | 4.530%     |
| 12     | 10.728   | 1292       | 1299     | 1311      | rBV   | 261462      | 467307     | 21.44%       | 1.911%     |
| 13     | 11.910   | 1495       | 1500     | 1507      | rBB2  | 17569       | 28939      | 1.33%        | 0.118%     |
| 14     | 12.122   | 1529       | 1536     | 1543      | rBV2  | 17374       | 32190      | 1.48%        | 0.132%     |
| 15     | 13.845   | 1823       | 1829     | 1833      | rBV   | 810065      | 1060167    | 48.64%       | 4.335%     |
| 16     | 13.892   | 1833       | 1837     | 1843      | rVB   | 338705      | 439825     | 20.18%       | 1.798%     |
| 17     | 14.128   | 1871       | 1877     | 1888      | rBV   | 893279      | 1263223    | 57.96%       | 5.165%     |
| 18     | 14.439   | 1923       | 1930     | 1938      | rBV2  | 1089067     | 1602979    | 73.55%       | 6.554%     |
| 19     | 14.651   | 1961       | 1966     | 1979      | rBV   | 157213      | 277897     | 12.75%       | 1.136%     |
| 20     | 15.433   | 2092       | 2099     | 2105      | rBV   | 1118289     | 1637419    | 75.13%       | 6.695%     |
| 21     | 15.563   | 2116       | 2121     | 2129      | rBV   | 168061      | 230344     | 10.57%       | 0.942%     |
| 22     | 15.792   | 2155       | 2160     | 2169      | rVB   | 87744       | 118936     | 5.46%        | 0.486%     |
| 23     | 16.722   | 2314       | 2318     | 2324      | rVB   | 21025       | 25436      | 1.17%        | 0.104%     |
| 24     | 17.180   | 2390       | 2396     | 2401      | rBV2  | 1345547     | 1945533    | 89.27%       | 7.955%     |
| 25     | 17.222   | 2401       | 2403     | 2407      | rVV   | 80268       | 94632      | 4.34%        | 0.387%     |
| 26     | 17.280   | 2407       | 2413     | 2424      | rVB   | 1196576     | 1689872    | 77.54%       | 6.909%     |
| 27     | 18.074   | 2541       | 2548     | 2559      | rBV2  | 171836      | 262955     | 12.07%       | 1.075%     |
| 28     | 18.251   | 2573       | 2578     | 2582      | rBV3  | 13440       | 23207      | 1.06%        | 0.095%     |
| 29     | 19.210   | 2737       | 2741     | 2742      | rBV   | 25488       | 30128      | 1.38%        | 0.123%     |
| 30     | 19.239   | 2742       | 2746     | 2753      | rVB   | 250022      | 341280     | 15.66%       | 1.395%     |
| 31     | 19.357   | 2761       | 2766     | 2775      | rBV3  | 81261       | 133027     | 6.10%        | 0.544%     |
| 32     | 19.574   | 2797       | 2803     | 2815      | rBV2  | 1464806     | 2179453    | 100.00%      | 8.911%     |
| 33     | 20.098   | 2889       | 2892     | 2897      | rVB2  | 26740       | 39957      | 1.83%        | 0.163%     |
| 34     | 21.068   | 3054       | 3057     | 3064      | rVB4  | 126663      | 164496     | 7.55%        | 0.673%     |

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Peak separation: 5

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|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 21.363 | 3101 | 3107 | 3111 | rBV  | 1478583 | 1977924 | 90.75% | 8.087% |
| 36 | 21.398 | 3111 | 3113 | 3118 | rVB  | 99042   | 103260  | 4.74%  | 0.422% |
| 37 | 23.498 | 3464 | 3470 | 3476 | rBV2 | 753026  | 1409980 | 64.69% | 5.765% |
| 38 | 23.639 | 3488 | 3494 | 3506 | rVB  | 896746  | 1726938 | 79.24% | 7.061% |

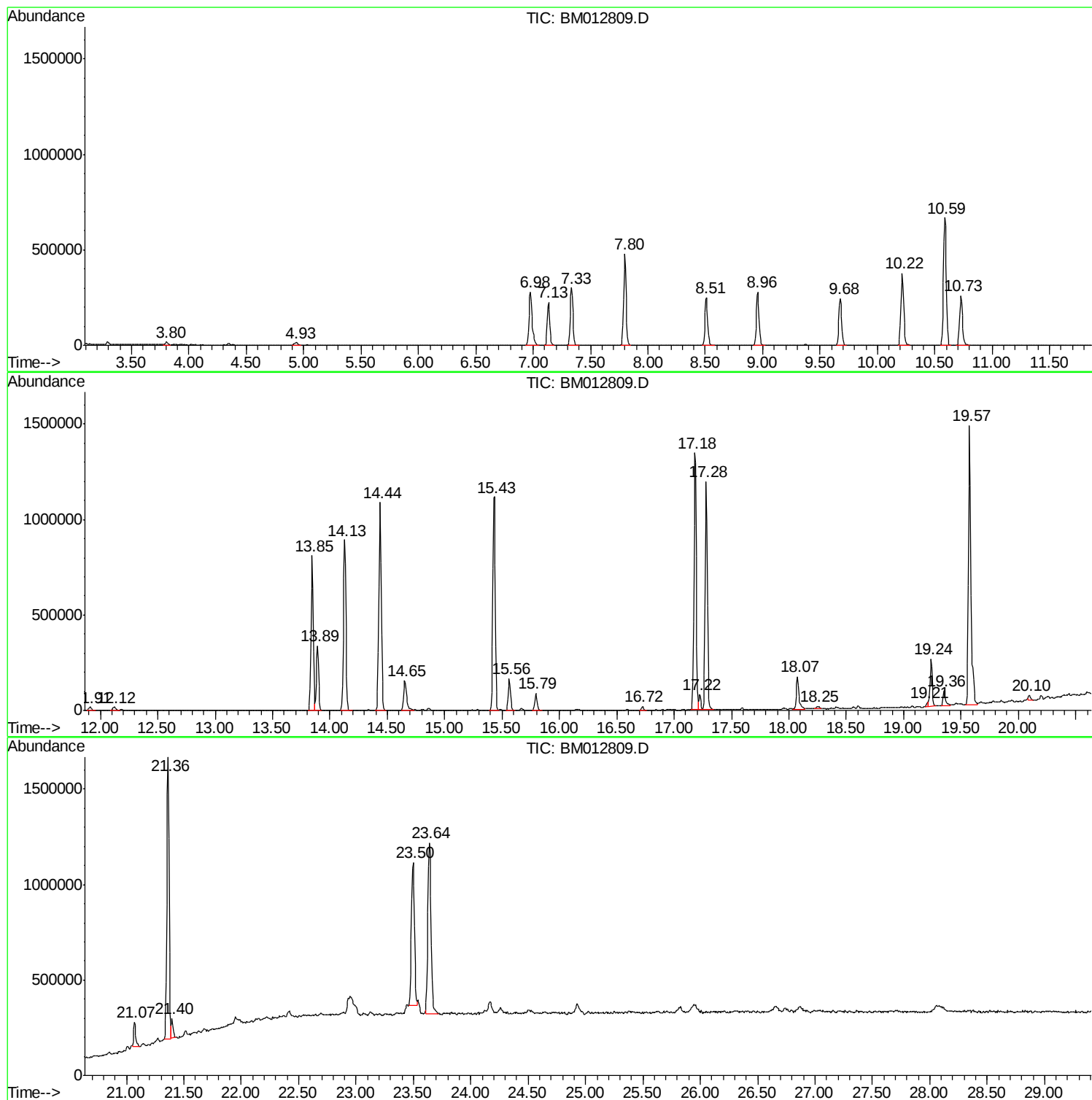
Sum of corrected areas: 24457996

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM110417MA.M  
Quant Title : SVOA CALIBRATION

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



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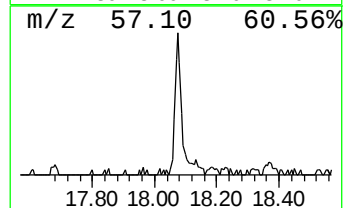
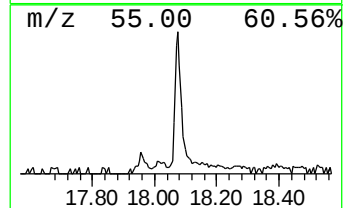
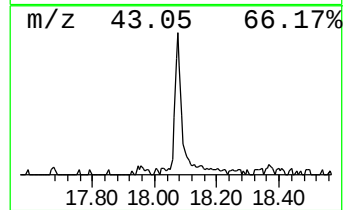
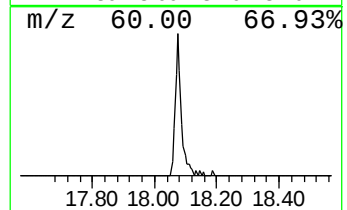
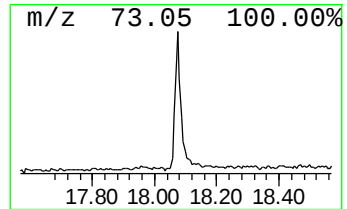
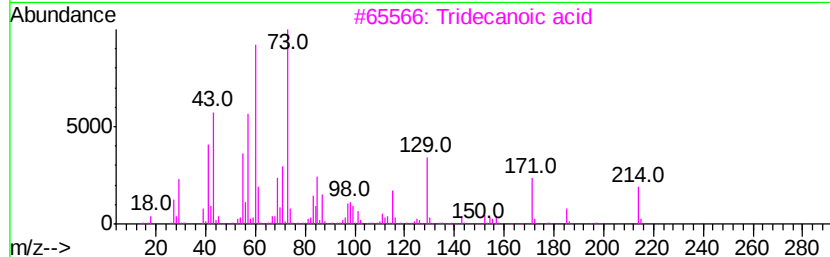
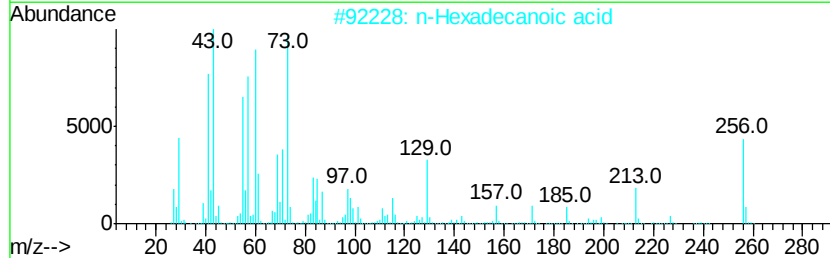
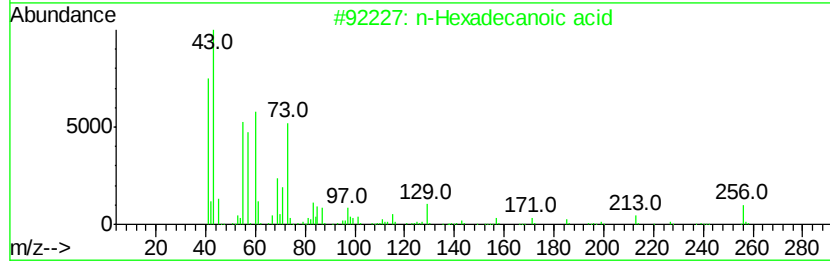
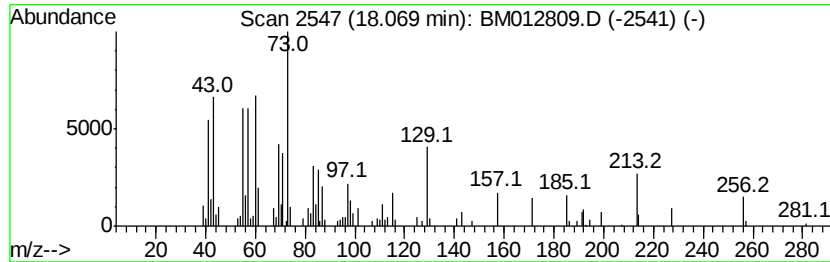
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 18.07 | 2.70 ng/ul | 262955 | Phenanthrene-d10 | 17.18 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 3    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 4    |    | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 5    |    | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 64   |



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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                     |       |         |       |          | #                     | RT    | Resp    | Conc |
| n-Hexadecanoic acid | 18.07 | 2.7     | ng/ul | 262955   | 4                     | 17.18 | 1945530 | 20.0 |