

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050222\  
 Data File : BM034874.D  
 Acq On : 02 May 2022 16:04  
 Operator : CG/JU  
 Sample : N2619-22  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB10-13-14-FT

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034874.D\data.ms

| 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         | 5.499       | 403           | 410         | 422          | rBV      | 3103664        | 4606834       | 31.52%          | 7.293%        |
| 2         | 7.093       | 673           | 681         | 691          | rBV      | 3290578        | 5085904       | 34.79%          | 8.052%        |
| 3         | 7.928       | 816           | 823         | 831          | rBV      | 786769         | 1238894       | 8.48%           | 1.961%        |
| 4         | 9.087       | 1011          | 1020        | 1027         | rBV      | 1995184        | 3253128       | 22.26%          | 5.150%        |
| 5         | 10.728      | 1291          | 1299        | 1307         | rBV      | 1067215        | 1816936       | 12.43%          | 2.876%        |
| 6         | 13.192      | 1710          | 1718        | 1725         | rBV      | 5125513        | 7747189       | 53.00%          | 12.265%       |
| 7         | 14.363      | 1911          | 1917        | 1930         | rVB3     | 53686          | 176817        | 1.21%           | 0.280%        |
| 8         | 14.563      | 1944          | 1951        | 1963         | rVB      | 1825888        | 2652944       | 18.15%          | 4.200%        |
| 9         | 16.045      | 2196          | 2203        | 2216         | rBV      | 4786373        | 6870962       | 47.01%          | 10.878%       |
| 10        | 17.298      | 2409          | 2416        | 2427         | rBV      | 2376412        | 3475718       | 23.78%          | 5.503%        |
| 11        | 18.204      | 2564          | 2570        | 2578         | rBV      | 580145         | 803002        | 5.49%           | 1.271%        |
| 12        | 19.480      | 2782          | 2787        | 2797         | rBV      | 288729         | 434377        | 2.97%           | 0.688%        |
| 13        | 19.727      | 2824          | 2829        | 2837         | rVB3     | 63843          | 153480        | 1.05%           | 0.243%        |
| 14        | 19.927      | 2857          | 2863        | 2868         | rBV      | 11890221       | 14616984      | 100.00%         | 23.141%       |
| 15        | 21.198      | 3075          | 3079        | 3089         | rBV      | 945754         | 1172987       | 8.02%           | 1.857%        |
| 16        | 21.480      | 3121          | 3127        | 3131         | rBV      | 3654393        | 4575715       | 31.30%          | 7.244%        |
| 17        | 23.868      | 3526          | 3533        | 3544         | rVB2     | 2196970        | 4484239       | 30.68%          | 7.099%        |

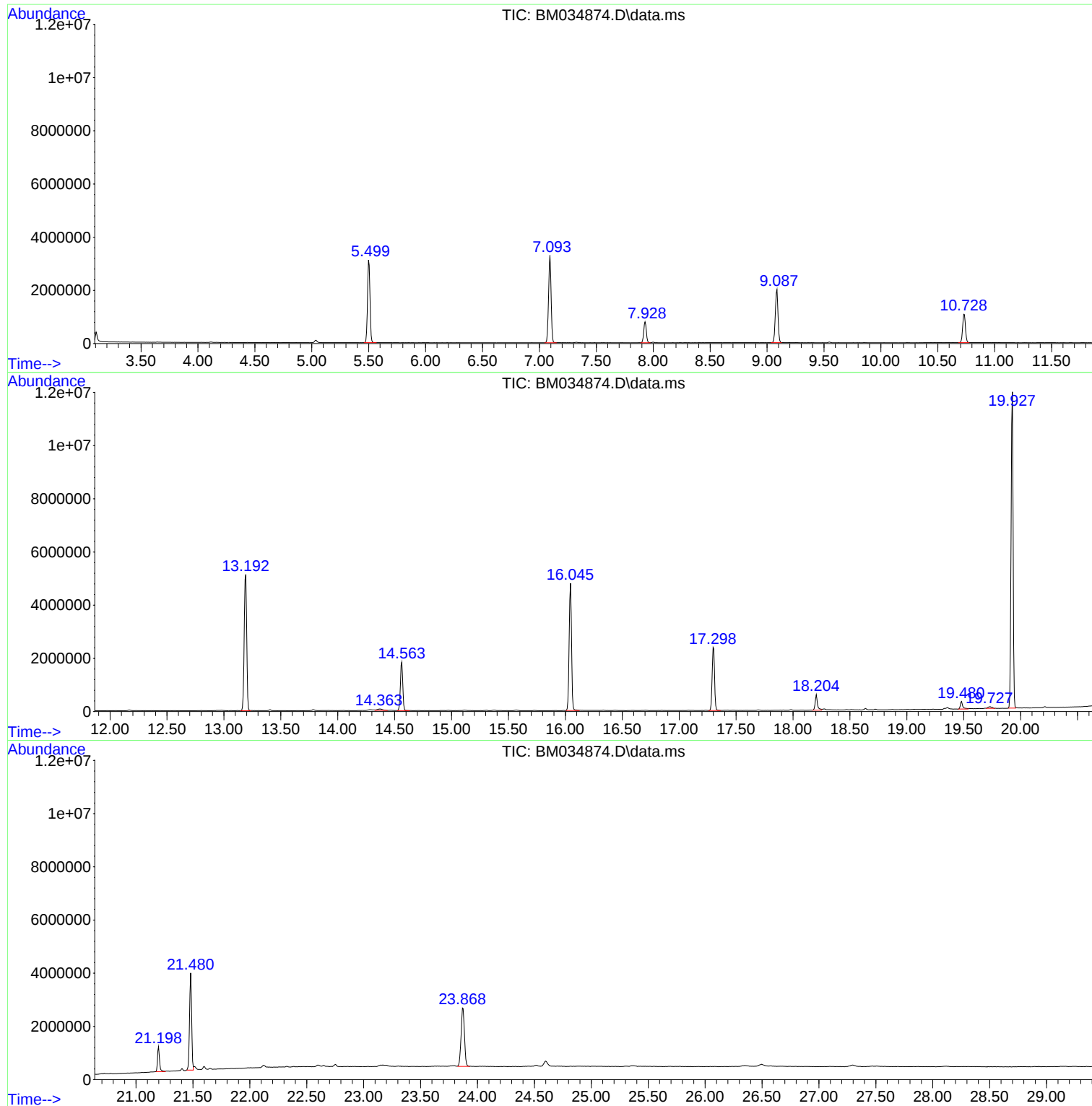
Sum of corrected areas: 63166110

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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ClientSampleId :  
SB10-13-14-FT

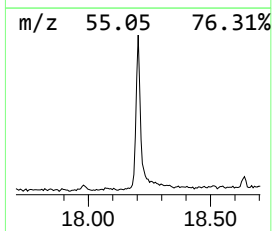
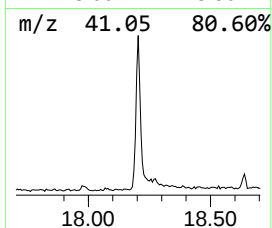
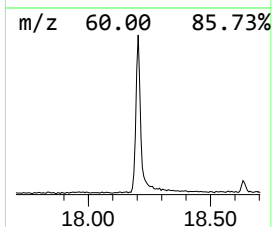
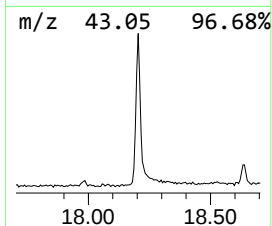
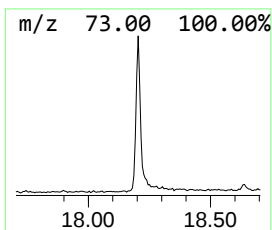
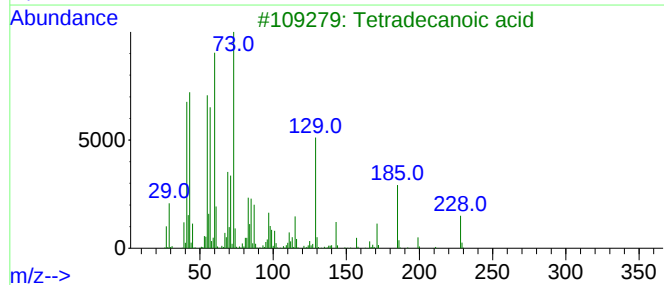
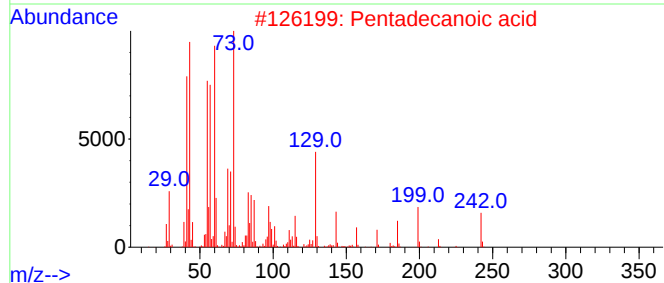
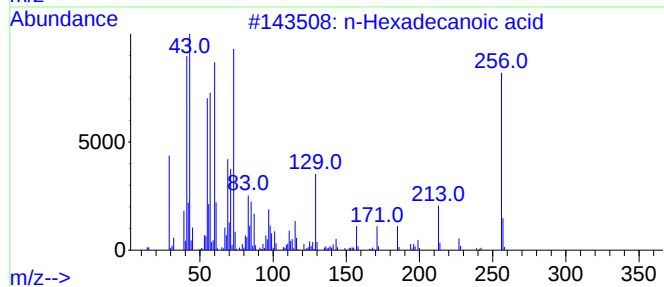
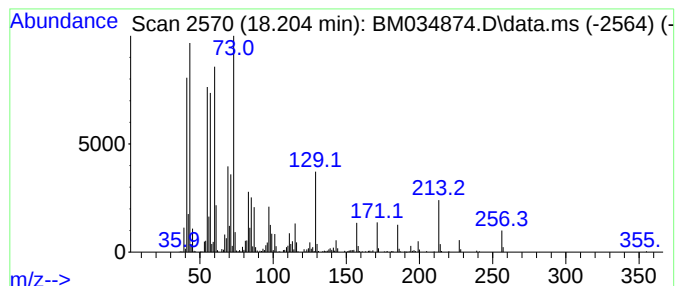
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.204 | 4.62 ng | 803002 | Phenanthrene-d10 | 17.298 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 3    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 86   |
| 4    |      | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 81   |
| 5    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 76   |



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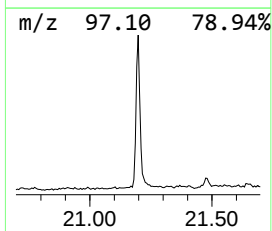
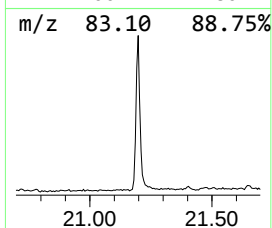
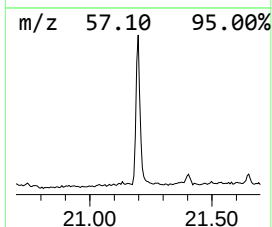
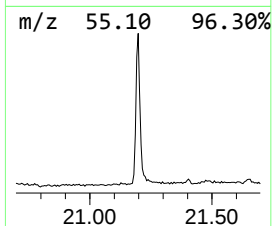
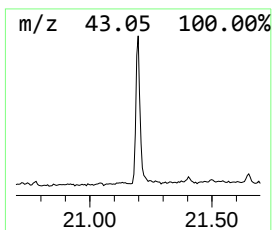
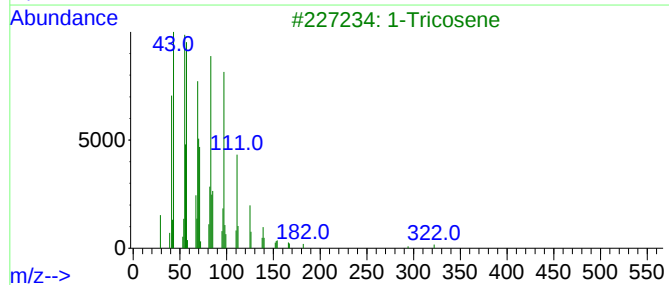
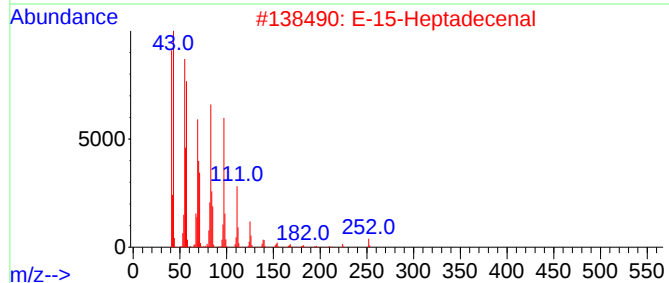
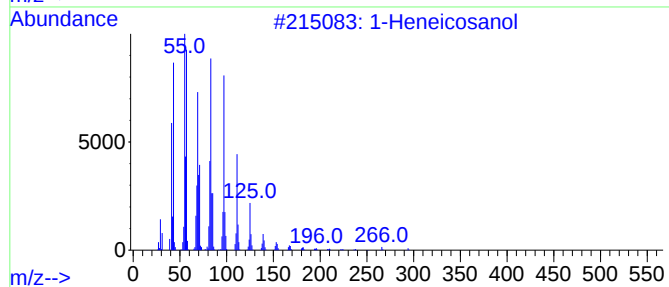
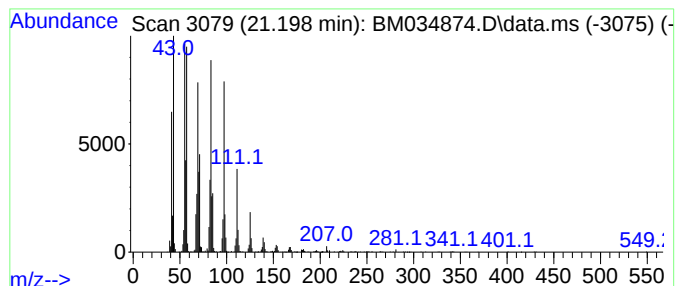
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Peak Number 2 1-Heneicosanol Concentration Rank 1

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 21.198 | 5.13 ng | 1172990 | Chrysene-d12     | 21.480 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8  | 95   |
| 2    |    |   | E-15-Heptadecenal                   | 252 | C17H32O    | 1000130-97-9 | 94   |
| 3    |    |   | 1-Tricosene                         | 322 | C23H46     | 018835-32-0  | 94   |
| 4    |    |   | Pentacos-1-ene                      | 350 | C25H50     | 016980-85-1  | 94   |
| 5    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1  | 94   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.204 | 4.6     | ng    | 803002   | 4                     | 17.298 | 3475720 | 20.0 |
| 1-Heneicosanol     | 21.198 | 5.1     | ng    | 1172990  | 5                     | 21.480 | 4575720 | 20.0 |