

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031424\  
 Data File : BM044613.D  
 Acq On : 14 Mar 2024 14:46  
 Operator : MA/JU  
 Sample : P1729-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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\SFAM-EPA-BM030524.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM044613.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         | 3.222       | 18            | 23          | 28           | rBV      | 403124         | 570883        | 8.62%           | 1.071%        |
| 2         | 3.257       | 28            | 29          | 34           | rVB      | 56935          | 50666         | 0.76%           | 0.095%        |
| 3         | 3.663       | 95            | 98          | 113          | rBV      | 166105         | 290299        | 4.38%           | 0.545%        |
| 4         | 3.963       | 146           | 149         | 153          | rVB2     | 14597          | 19557         | 0.30%           | 0.037%        |
| 5         | 4.469       | 230           | 235         | 242          | rBV      | 48380          | 71513         | 1.08%           | 0.134%        |
| 6         | 6.875       | 638           | 644         | 656          | rBV      | 205207         | 341045        | 5.15%           | 0.640%        |
| 7         | 7.051       | 667           | 674         | 683          | rBV      | 786622         | 1219952       | 18.42%          | 2.289%        |
| 8         | 7.234       | 699           | 705         | 716          | rBV      | 722425         | 1160105       | 17.51%          | 2.177%        |
| 9         | 7.704       | 777           | 785         | 792          | rBV      | 594814         | 962390        | 14.53%          | 1.806%        |
| 10        | 8.404       | 897           | 904         | 916          | rBV      | 548532         | 921357        | 13.91%          | 1.729%        |
| 11        | 8.863       | 974           | 982         | 995          | rBV      | 849836         | 1412201       | 21.32%          | 2.650%        |
| 12        | 8.969       | 995           | 1000        | 1004         | rVB8     | 5625           | 10823         | 0.16%           | 0.020%        |
| 13        | 9.239       | 1042          | 1046        | 1051         | rBV3     | 5246           | 9316          | 0.14%           | 0.017%        |
| 14        | 9.575       | 1095          | 1103        | 1116         | rBV      | 655048         | 1096794       | 16.56%          | 2.058%        |
| 15        | 9.769       | 1130          | 1136        | 1140         | rBV7     | 4120           | 10210         | 0.15%           | 0.019%        |
| 16        | 10.104      | 1186          | 1193        | 1208         | rBV      | 890373         | 1563350       | 23.60%          | 2.934%        |
| 17        | 10.480      | 1250          | 1257        | 1268         | rVB      | 829382         | 1380762       | 20.85%          | 2.591%        |
| 18        | 10.633      | 1274          | 1283        | 1296         | rBV      | 737533         | 1402749       | 21.18%          | 2.633%        |
| 19        | 11.310      | 1390          | 1398        | 1399         | rBV8     | 5485           | 10068         | 0.15%           | 0.019%        |
| 20        | 11.439      | 1413          | 1420        | 1433         | rBV2     | 42971          | 121658        | 1.84%           | 0.228%        |
| 21        | 12.080      | 1525          | 1529        | 1535         | rBV2     | 15266          | 28165         | 0.43%           | 0.053%        |
| 22        | 12.957      | 1670          | 1678        | 1681         | rBV9     | 3512           | 6898          | 0.10%           | 0.013%        |
| 23        | 13.245      | 1722          | 1727        | 1732         | rBV2     | 19296          | 29879         | 0.45%           | 0.056%        |
| 24        | 13.769      | 1810          | 1816        | 1829         | rBV      | 1974298        | 2794556       | 42.19%          | 5.245%        |
| 25        | 14.039      | 1851          | 1862        | 1875         | rBV      | 2156704        | 3183572       | 48.06%          | 5.975%        |
| 26        | 14.345      | 1907          | 1914        | 1925         | rBV      | 1216593        | 1798354       | 27.15%          | 3.375%        |
| 27        | 14.568      | 1945          | 1952        | 1966         | rBV      | 158783         | 352740        | 5.33%           | 0.662%        |
| 28        | 14.774      | 1981          | 1987        | 1995         | rVB10    | 12433          | 27603         | 0.42%           | 0.052%        |
| 29        | 15.157      | 2047          | 2052        | 2055         | rBV      | 19851          | 24922         | 0.38%           | 0.047%        |
| 30        | 15.345      | 2076          | 2084        | 2097         | rBV      | 2832620        | 4145018       | 62.58%          | 7.779%        |
| 31        | 15.468      | 2099          | 2105        | 2120         | rVV      | 1218134        | 1705689       | 25.75%          | 3.201%        |
| 32        | 15.586      | 2122          | 2125        | 2129         | rVB3     | 12470          | 18470         | 0.28%           | 0.035%        |
| 33        | 15.915      | 2177          | 2181        | 2186         | rVB7     | 3799           | 6625          | 0.10%           | 0.012%        |
| 34        | 16.074      | 2204          | 2208        | 2213         | rVB6     | 5760           | 9896          | 0.15%           | 0.019%        |
| 35        | 16.133      | 2215          | 2218        | 2224         | rVB5     | 10000          | 15717         | 0.24%           | 0.029%        |
| 36        | 16.515      | 2277          | 2283        | 2290         | rBV10    | 8273           | 19576         | 0.30%           | 0.037%        |

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Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AJ1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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\SFAM-EPA-BM030524.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 16.986 | 2359 | 2363 | 2365 | rBV5 | 4417    | 7200    | 0.11%   | 0.014%  |
| 38 | 17.104 | 2376 | 2383 | 2392 | rBV  | 1467814 | 2183568 | 32.97%  | 4.098%  |
| 39 | 17.198 | 2392 | 2399 | 2412 | rVV  | 3485143 | 5208204 | 78.63%  | 9.774%  |
| 40 | 17.286 | 2412 | 2414 | 2419 | rVB6 | 7951    | 10682   | 0.16%   | 0.020%  |
| 41 | 17.786 | 2494 | 2499 | 2503 | rBV7 | 13547   | 18838   | 0.28%   | 0.035%  |
| 42 | 18.009 | 2532 | 2537 | 2546 | rBV  | 314798  | 481518  | 7.27%   | 0.904%  |
| 43 | 19.062 | 2712 | 2716 | 2721 | rBV  | 51371   | 71898   | 1.09%   | 0.135%  |
| 44 | 19.133 | 2724 | 2728 | 2732 | rBV  | 48747   | 72985   | 1.10%   | 0.137%  |
| 45 | 19.174 | 2733 | 2735 | 2740 | rVB5 | 16226   | 19726   | 0.30%   | 0.037%  |
| 46 | 19.239 | 2742 | 2746 | 2751 | rVB4 | 16064   | 19206   | 0.29%   | 0.036%  |
| 47 | 19.298 | 2751 | 2756 | 2761 | rBV2 | 209777  | 292205  | 4.41%   | 0.548%  |
| 48 | 19.503 | 2784 | 2791 | 2799 | rBV  | 4348602 | 6110016 | 92.24%  | 11.467% |
| 49 | 21.033 | 3047 | 3051 | 3057 | rVB  | 127024  | 184602  | 2.79%   | 0.346%  |
| 50 | 21.297 | 3091 | 3096 | 3105 | rBV  | 1917049 | 2472812 | 37.33%  | 4.641%  |
| 51 | 23.403 | 3447 | 3454 | 3461 | rBV2 | 3485084 | 6623870 | 100.00% | 12.431% |
| 52 | 23.544 | 3472 | 3478 | 3492 | rVB  | 1381358 | 2713945 | 40.97%  | 5.093%  |

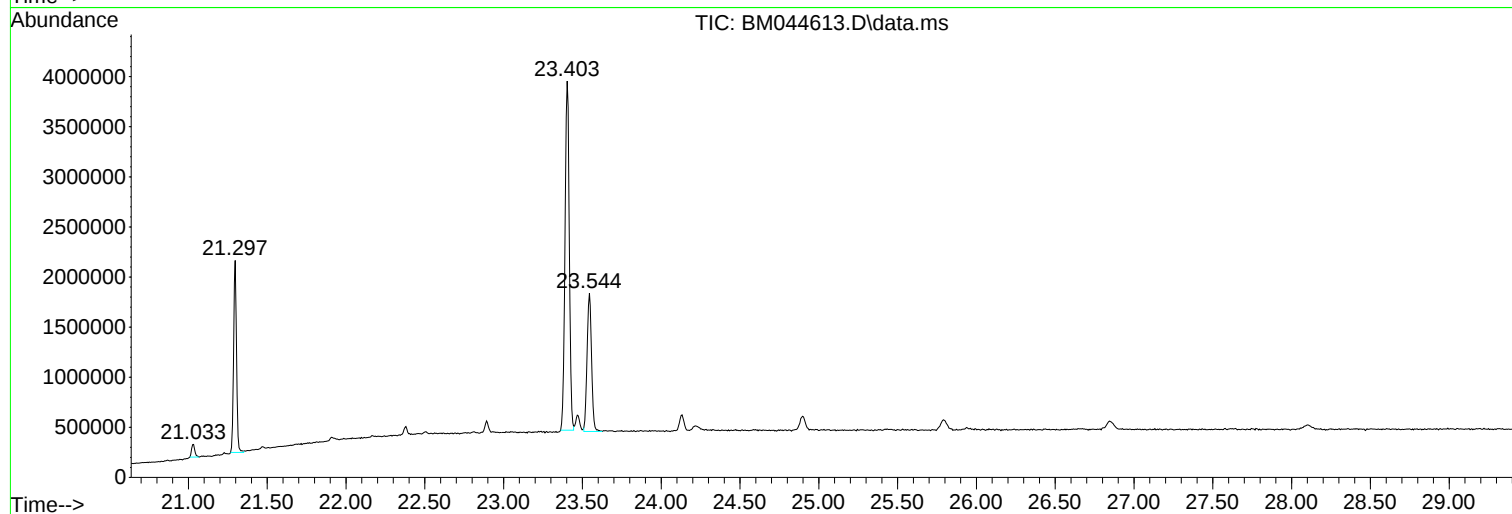
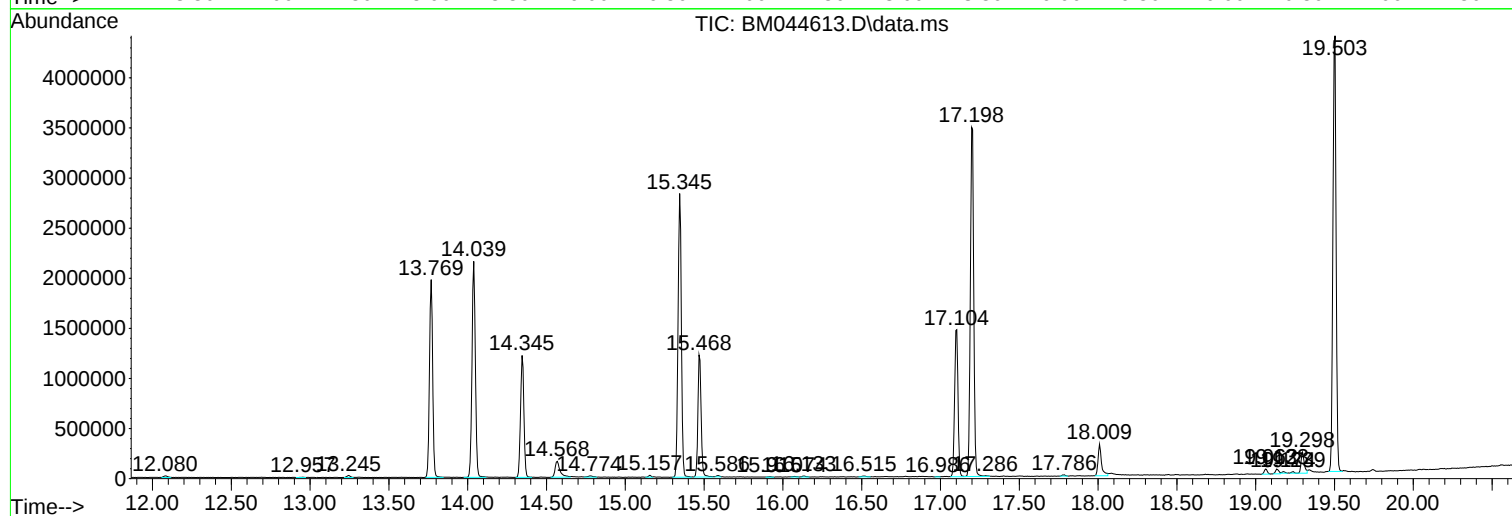
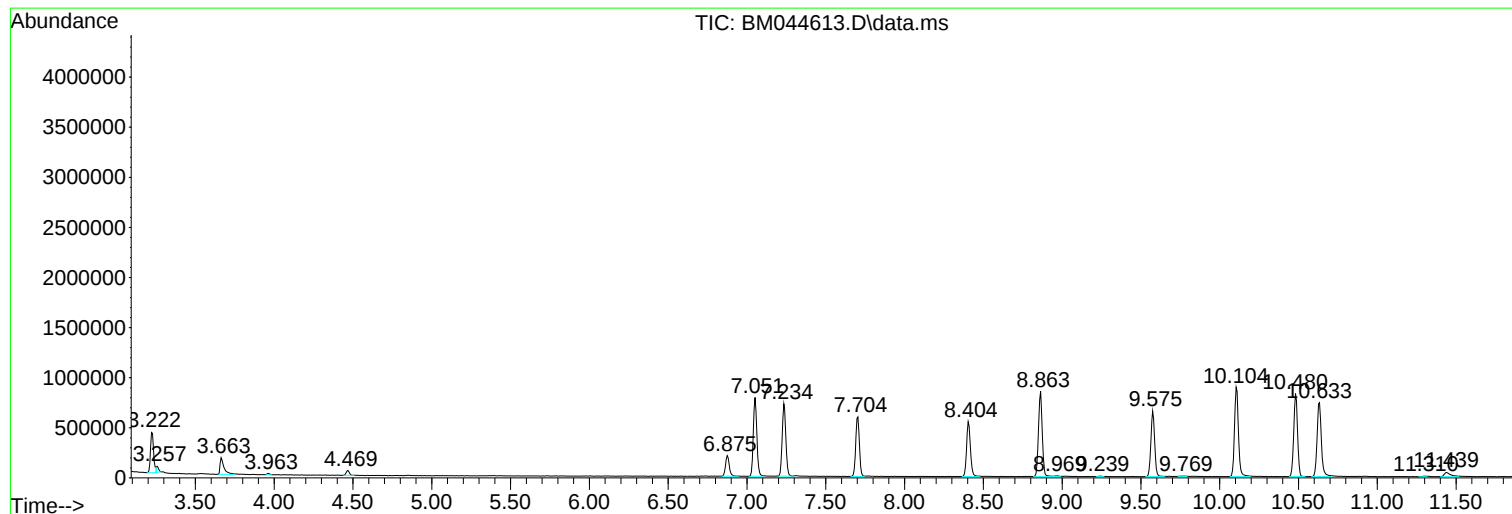
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BNA\_M  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030524.MA.M  
Quant Title : SVOA CALIBRATION

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



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Sample : P1729-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AJ1

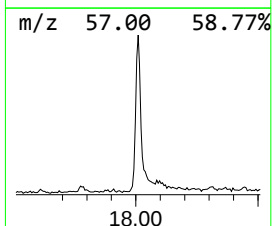
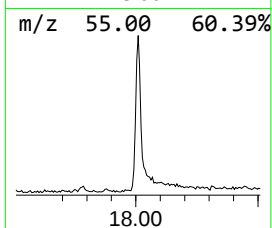
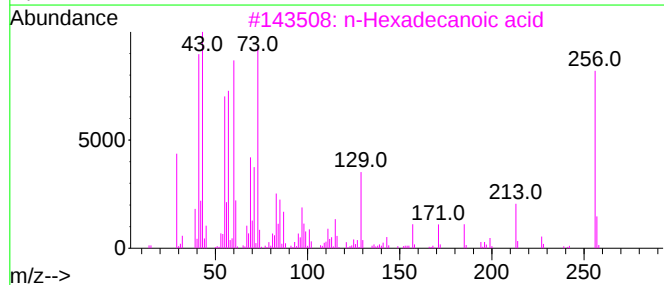
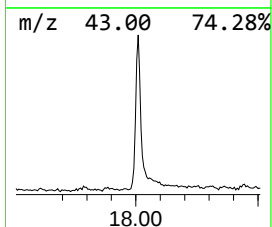
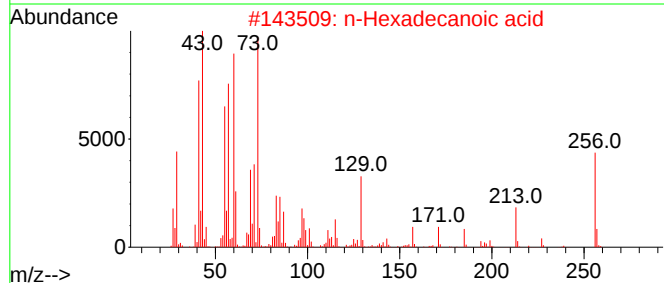
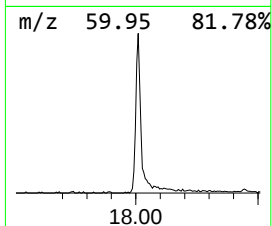
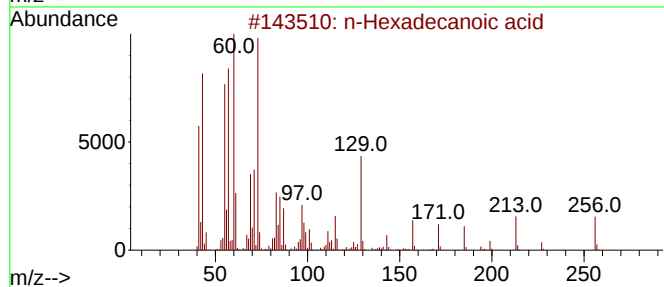
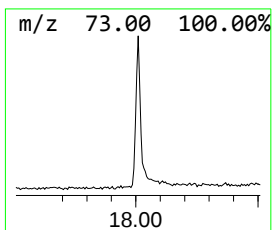
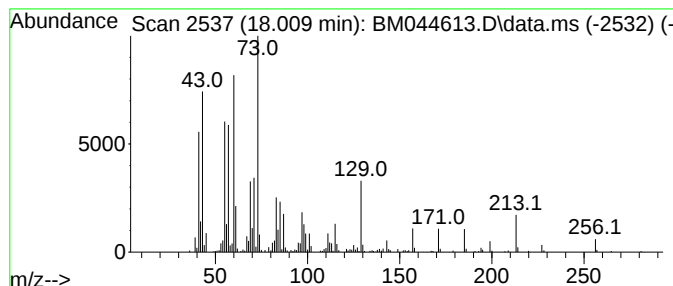
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030524.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.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.   |
|--------|------------|--------|------------------|--------|
| 18.009 | 4.41 ng/ul | 481518 | Phenanthrene-d10 | 17.104 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |



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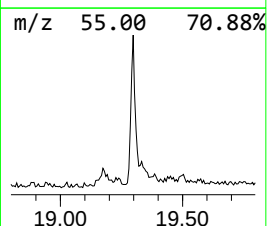
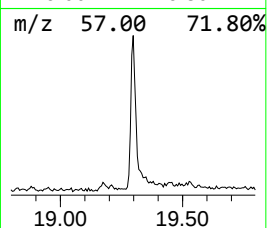
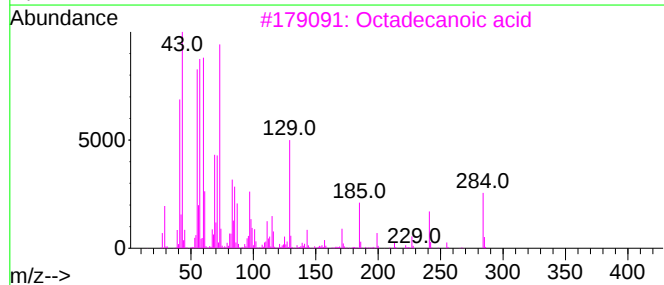
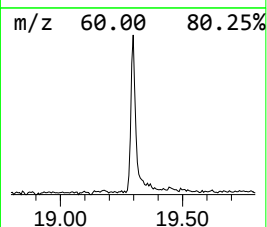
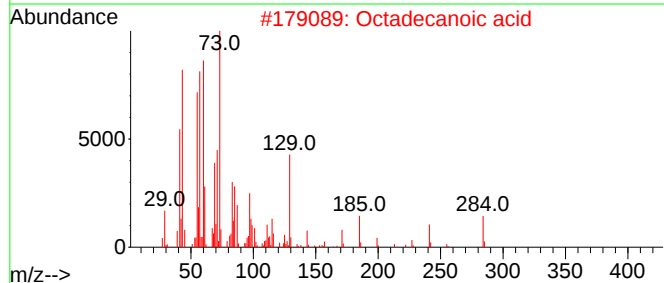
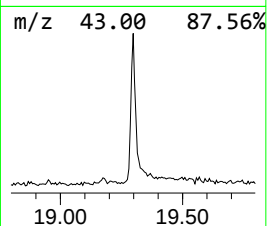
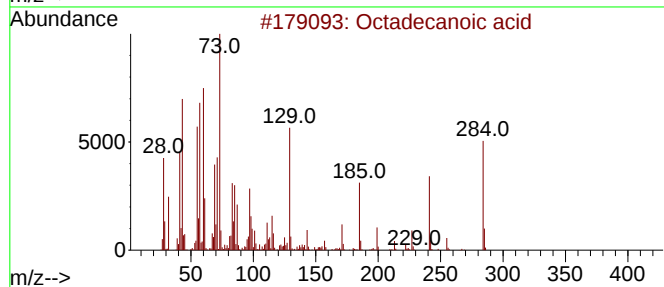
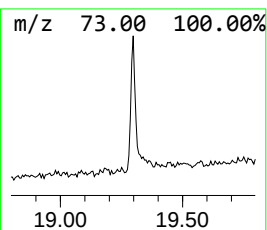
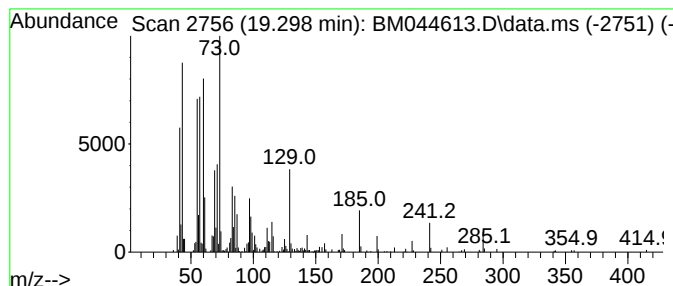
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030524.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Octadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.298 | 2.36 ng/ul | 292205 | Chrysene-d12     | 21.297 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 3    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 4    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 96   |
| 5    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 90   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030524.MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.009 | 4.4     | ng/ul | 481518   | 4                     | 17.104 | 2183570 | 20.0 |
| Octadecanoic acid  | 19.298 | 2.4     | ng/ul | 292205   | 5                     | 21.297 | 2472810 | 20.0 |