

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
 Data File : BP018825.D  
 Acq On : 14 Dec 2023 02:34  
 Operator : MA/JU  
 Sample : 05677-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 H0AD4

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\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP018825.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         | 3.228       | 19            | 24          | 27           | rBV      | 156406         | 217305        | 2.71%           | 0.337%        |
| 2         | 3.258       | 27            | 29          | 33           | rVV      | 70263          | 85530         | 1.07%           | 0.133%        |
| 3         | 3.293       | 33            | 35          | 42           | rVB      | 47708          | 57054         | 0.71%           | 0.088%        |
| 4         | 3.552       | 75            | 79          | 84           | rVB3     | 7191           | 13524         | 0.17%           | 0.021%        |
| 5         | 3.681       | 97            | 101         | 111          | rBV      | 372933         | 553280        | 6.90%           | 0.857%        |
| 6         | 3.917       | 136           | 141         | 146          | rVB      | 23261          | 37378         | 0.47%           | 0.058%        |
| 7         | 4.005       | 153           | 156         | 161          | rBV      | 19221          | 23137         | 0.29%           | 0.036%        |
| 8         | 4.540       | 241           | 247         | 258          | rVB      | 731473         | 1082268       | 13.49%          | 1.677%        |
| 9         | 4.934       | 313           | 314         | 320          | rVB5     | 8930           | 12259         | 0.15%           | 0.019%        |
| 10        | 5.546       | 413           | 418         | 423          | rVB8     | 6929           | 14156         | 0.18%           | 0.022%        |
| 11        | 6.246       | 531           | 537         | 545          | rBV      | 72705          | 118793        | 1.48%           | 0.184%        |
| 12        | 6.758       | 620           | 624         | 627          | rBV6     | 4838           | 8031          | 0.10%           | 0.012%        |
| 13        | 6.834       | 633           | 637         | 640          | rBV5     | 6233           | 8895          | 0.11%           | 0.014%        |
| 14        | 7.005       | 660           | 666         | 676          | rVB      | 180374         | 299965        | 3.74%           | 0.465%        |
| 15        | 7.169       | 688           | 694         | 703          | rVB      | 926567         | 1418244       | 17.68%          | 2.198%        |
| 16        | 7.363       | 720           | 727         | 736          | rBV      | 829632         | 1270078       | 15.83%          | 1.968%        |
| 17        | 7.452       | 739           | 742         | 751          | rVB7     | 9446           | 16690         | 0.21%           | 0.026%        |
| 18        | 7.834       | 799           | 807         | 815          | rBV      | 988567         | 1532313       | 19.10%          | 2.375%        |
| 19        | 8.546       | 919           | 928         | 936          | rBV      | 242432         | 390172        | 4.86%           | 0.605%        |
| 20        | 8.993       | 997           | 1004        | 1011         | rBV      | 979626         | 1566700       | 19.53%          | 2.428%        |
| 21        | 9.046       | 1011          | 1013        | 1020         | rVV8     | 18416          | 31959         | 0.40%           | 0.050%        |
| 22        | 9.110       | 1020          | 1024        | 1028         | rVV7     | 7741           | 13675         | 0.17%           | 0.021%        |
| 23        | 9.410       | 1071          | 1075        | 1083         | rVB7     | 10970          | 21531         | 0.27%           | 0.033%        |
| 24        | 9.716       | 1119          | 1127        | 1139         | rBV      | 692550         | 1158152       | 14.44%          | 1.795%        |
| 25        | 10.251      | 1210          | 1218        | 1230         | rBV      | 1019266        | 1730954       | 21.58%          | 2.683%        |
| 26        | 10.628      | 1275          | 1282        | 1289         | rBV      | 1208997        | 1949542       | 24.30%          | 3.021%        |
| 27        | 10.769      | 1300          | 1306        | 1315         | rBV      | 126222         | 236136        | 2.94%           | 0.366%        |
| 28        | 11.293      | 1387          | 1395        | 1396         | rBV8     | 5559           | 8428          | 0.11%           | 0.013%        |
| 29        | 11.457      | 1411          | 1423        | 1427         | rBV8     | 7260           | 22289         | 0.28%           | 0.035%        |
| 30        | 11.557      | 1432          | 1440        | 1442         | rBV8     | 5869           | 12788         | 0.16%           | 0.020%        |
| 31        | 11.798      | 1473          | 1481        | 1484         | rBV9     | 9400           | 16943         | 0.21%           | 0.026%        |
| 32        | 12.051      | 1517          | 1524        | 1529         | rVB8     | 13513          | 26411         | 0.33%           | 0.041%        |
| 33        | 12.216      | 1546          | 1552        | 1558         | rVB2     | 20686          | 32894         | 0.41%           | 0.051%        |
| 34        | 12.510      | 1596          | 1602        | 1605         | rBV6     | 10769          | 22643         | 0.28%           | 0.035%        |
| 35        | 12.840      | 1652          | 1658        | 1659         | rBV6     | 5016           | 8921          | 0.11%           | 0.014%        |
| 36        | 13.087      | 1696          | 1700        | 1705         | rBV2     | 8171           | 12164         | 0.15%           | 0.019%        |

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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\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 13.293 | 1730 | 1735 | 1740 | rVB4 | 20326   | 29748   | 0.37%   | 0.046%  |
| 38 | 13.369 | 1744 | 1748 | 1753 | rVB3 | 16230   | 26484   | 0.33%   | 0.041%  |
| 39 | 13.434 | 1753 | 1759 | 1762 | rBV7 | 6027    | 8048    | 0.10%   | 0.012%  |
| 40 | 13.881 | 1828 | 1835 | 1848 | rBV  | 2119208 | 2998461 | 37.38%  | 4.647%  |
| 41 | 14.157 | 1873 | 1882 | 1898 | rBV  | 2393237 | 3591506 | 44.77%  | 5.566%  |
| 42 | 14.463 | 1927 | 1934 | 1943 | rBV  | 1735253 | 2477528 | 30.88%  | 3.840%  |
| 43 | 14.669 | 1963 | 1969 | 1981 | rBV  | 120522  | 253216  | 3.16%   | 0.392%  |
| 44 | 14.881 | 2001 | 2005 | 2012 | rVB8 | 13019   | 19916   | 0.25%   | 0.031%  |
| 45 | 15.457 | 2096 | 2103 | 2116 | rBV  | 3355007 | 4788689 | 59.69%  | 7.421%  |
| 46 | 15.575 | 2116 | 2123 | 2137 | rVV  | 774585  | 1099182 | 13.70%  | 1.703%  |
| 47 | 15.698 | 2140 | 2144 | 2153 | rVB5 | 18492   | 37053   | 0.46%   | 0.057%  |
| 48 | 16.022 | 2196 | 2199 | 2203 | rBV6 | 6975    | 8906    | 0.11%   | 0.014%  |
| 49 | 16.239 | 2232 | 2236 | 2239 | rVB5 | 7954    | 11208   | 0.14%   | 0.017%  |
| 50 | 16.616 | 2296 | 2300 | 2305 | rBV5 | 17861   | 25605   | 0.32%   | 0.040%  |
| 51 | 16.698 | 2308 | 2314 | 2316 | rVV7 | 6250    | 12536   | 0.16%   | 0.019%  |
| 52 | 16.757 | 2320 | 2324 | 2330 | rVB3 | 21038   | 30845   | 0.38%   | 0.048%  |
| 53 | 17.210 | 2393 | 2401 | 2411 | rBV  | 2216084 | 3106584 | 38.72%  | 4.814%  |
| 54 | 17.310 | 2411 | 2418 | 2426 | rVV  | 3190143 | 4558684 | 56.83%  | 7.065%  |
| 55 | 17.569 | 2458 | 2462 | 2464 | rBV4 | 11562   | 17217   | 0.21%   | 0.027%  |
| 56 | 17.880 | 2512 | 2515 | 2522 | rVB9 | 13065   | 18455   | 0.23%   | 0.029%  |
| 57 | 17.975 | 2528 | 2531 | 2535 | rBV6 | 9570    | 13587   | 0.17%   | 0.021%  |
| 58 | 18.104 | 2547 | 2553 | 2563 | rBV  | 509415  | 766496  | 9.55%   | 1.188%  |
| 59 | 18.180 | 2563 | 2566 | 2570 | rVB3 | 37257   | 58046   | 0.72%   | 0.090%  |
| 60 | 18.422 | 2603 | 2607 | 2611 | rBV2 | 28285   | 46293   | 0.58%   | 0.072%  |
| 61 | 18.569 | 2628 | 2632 | 2637 | rBV2 | 57185   | 72646   | 0.91%   | 0.113%  |
| 62 | 18.939 | 2692 | 2695 | 2697 | rBV4 | 24927   | 28538   | 0.36%   | 0.044%  |
| 63 | 19.122 | 2722 | 2726 | 2730 | rBV2 | 58593   | 71392   | 0.89%   | 0.111%  |
| 64 | 19.192 | 2733 | 2738 | 2741 | rBV  | 104445  | 160880  | 2.01%   | 0.249%  |
| 65 | 19.339 | 2758 | 2763 | 2778 | rBV  | 854670  | 1256186 | 15.66%  | 1.947%  |
| 66 | 19.545 | 2791 | 2798 | 2804 | rBV  | 5261256 | 6980492 | 87.01%  | 10.818% |
| 67 | 19.610 | 2805 | 2809 | 2818 | rVB  | 152584  | 239592  | 2.99%   | 0.371%  |
| 68 | 19.957 | 2865 | 2868 | 2872 | rVB  | 42434   | 48734   | 0.61%   | 0.076%  |
| 69 | 21.016 | 3044 | 3048 | 3057 | rBV2 | 210384  | 368444  | 4.59%   | 0.571%  |
| 70 | 21.298 | 3091 | 3096 | 3103 | rBV  | 3374941 | 4105549 | 51.18%  | 6.363%  |
| 71 | 22.527 | 3302 | 3305 | 3311 | rVB  | 185259  | 246007  | 3.07%   | 0.381%  |
| 72 | 22.933 | 3371 | 3374 | 3381 | rVB  | 206211  | 327808  | 4.09%   | 0.508%  |
| 73 | 23.504 | 3464 | 3471 | 3479 | rBV2 | 4164570 | 8022187 | 100.00% | 12.432% |
| 74 | 23.657 | 3490 | 3497 | 3507 | rVB  | 2394085 | 4562558 | 56.87%  | 7.071%  |

Sum of corrected areas: 64526508

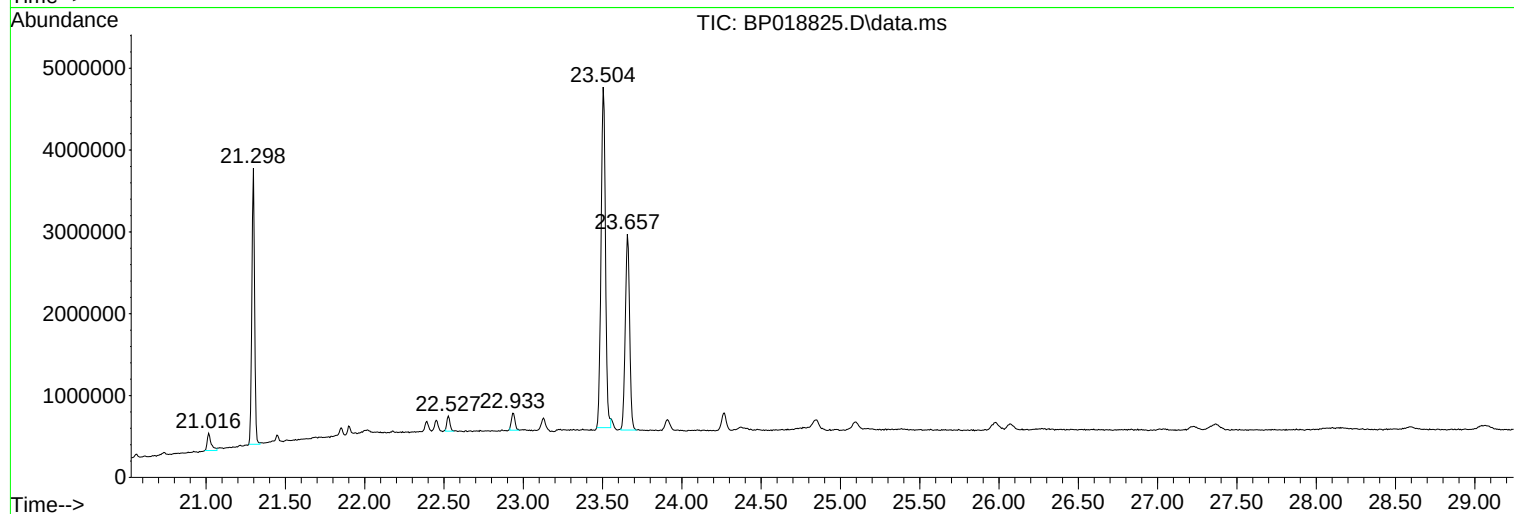
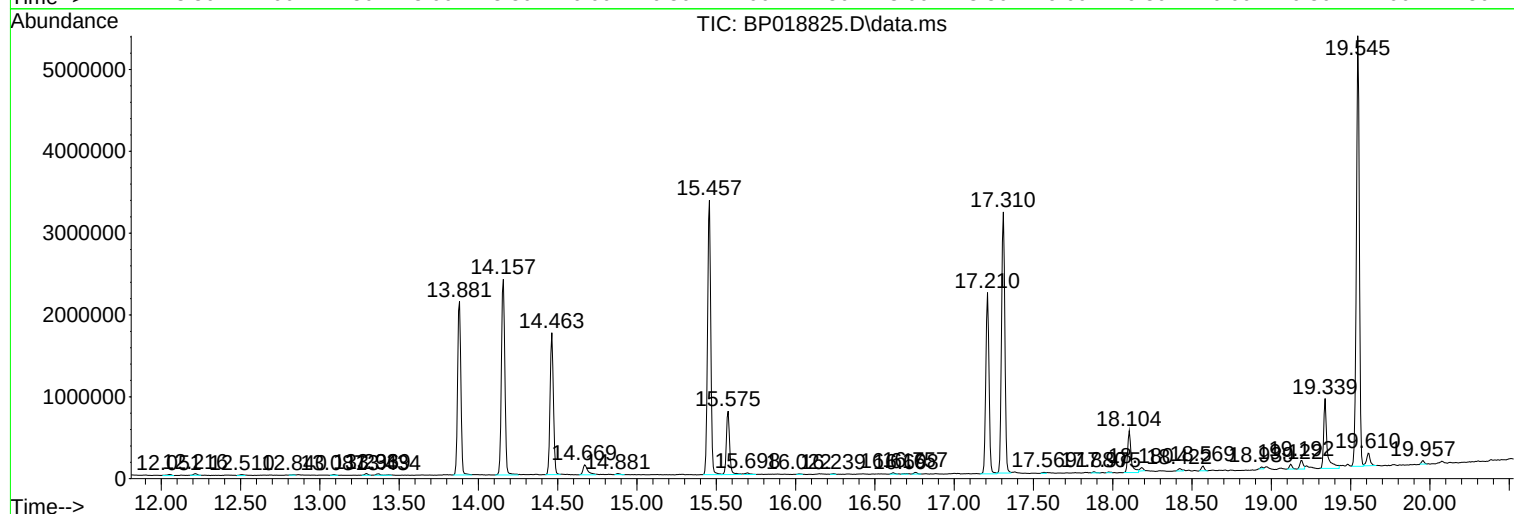
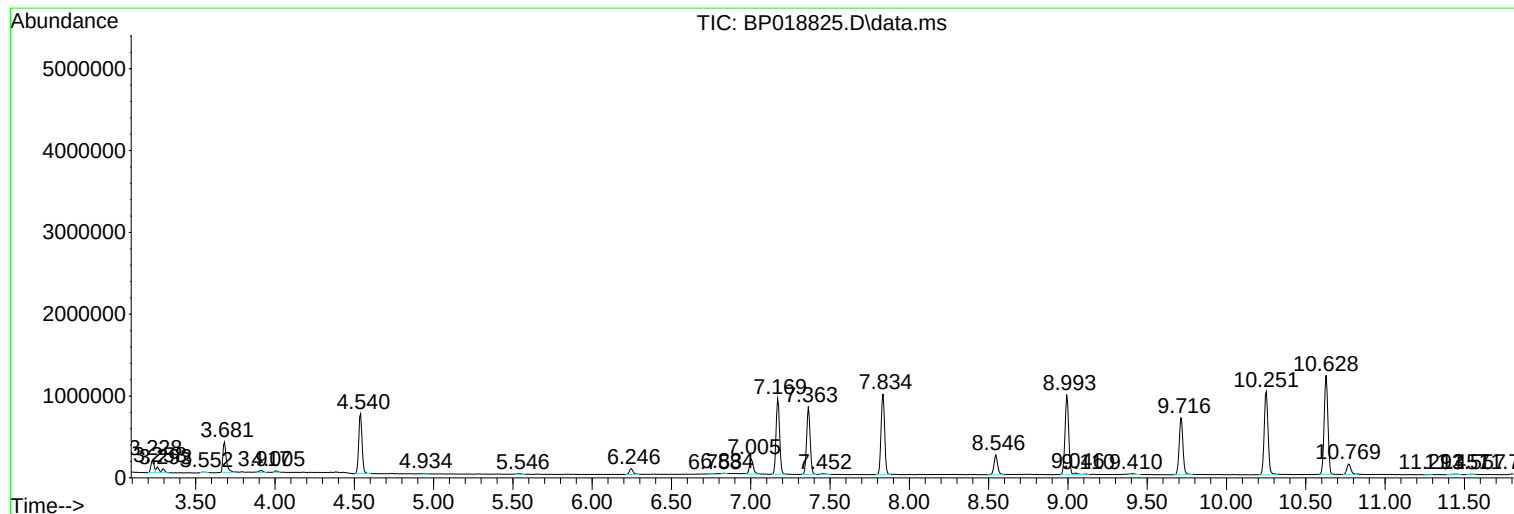
**Instrument :**  
BNA\_P  
**ClientSampleId :**  
H0AD4

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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



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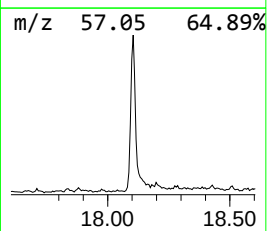
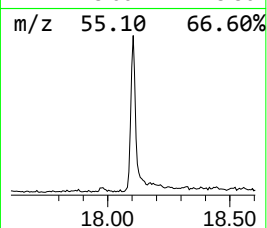
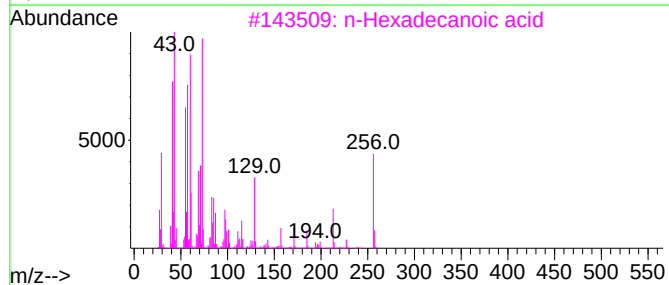
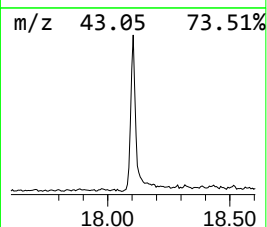
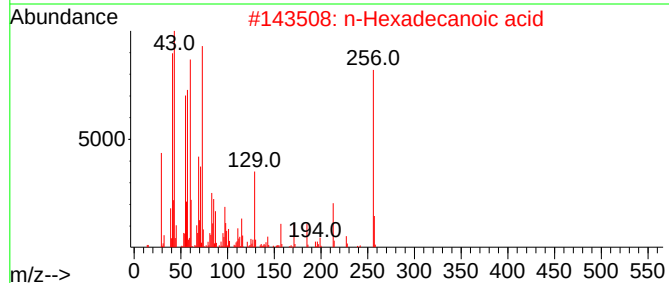
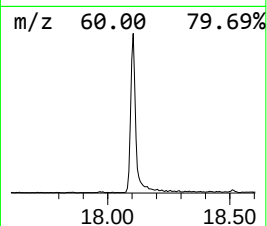
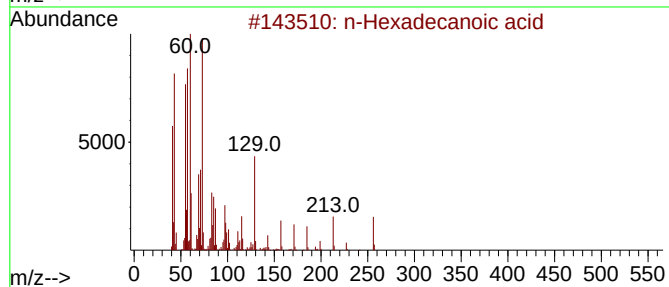
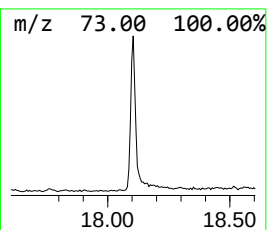
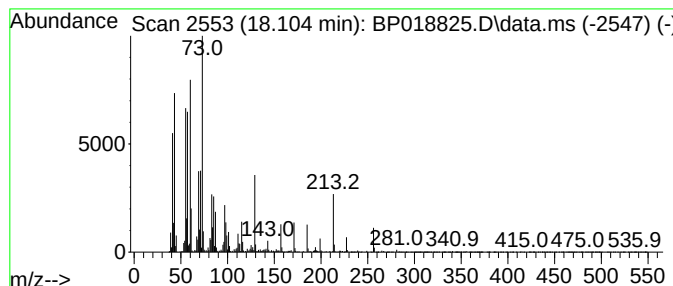
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.104 | 4.93 ng/ul | 766496 | Phenanthrene-d10 | 17.210 |

| 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 | 99   |
| 4    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 94   |



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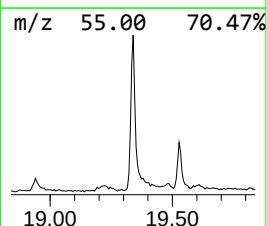
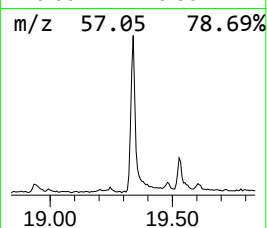
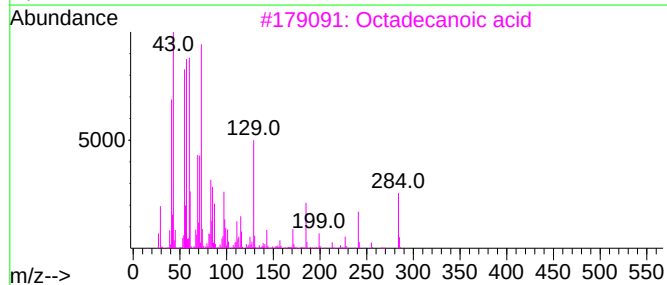
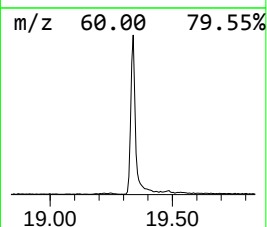
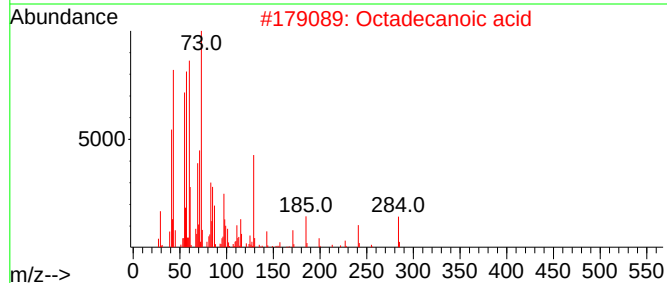
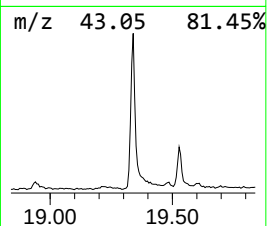
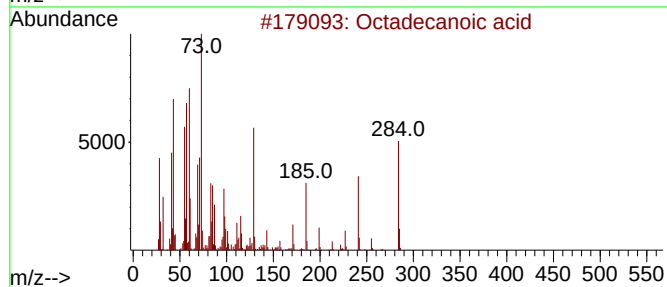
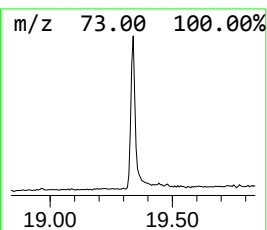
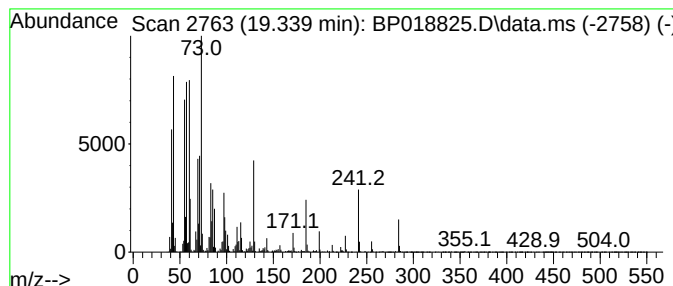
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Octadecanoic acid Concentration Rank 2

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 19.339 | 6.12 ng/ul | 1256190 | Chrysene-d12     | 21.298 |

| 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 | 95   |
| 5    |    |   | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94   |



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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 ... | 18.104 | 4.9     | ng/ul | 766496   | 4                     | 17.210 | 3106580 | 20.0 |
| Octadecanoic acid  | 19.339 | 6.1     | ng/ul | 1256190  | 5                     | 21.298 | 4105550 | 20.0 |