

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022624\  
 Data File : BM044332.D  
 Acq On : 26 Feb 2024 15:05  
 Operator : MA/JU  
 Sample : P1442-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BH9T6

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-BM022324.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM044332.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         | 3.357       | 42            | 46          | 55           | rVB      | 69548          | 92954         | 1.73%           | 0.164%        |
| 2         | 3.646       | 92            | 95          | 104          | rBV      | 29325          | 52622         | 0.98%           | 0.093%        |
| 3         | 3.775       | 113           | 117         | 134          | rBV      | 792682         | 1288853       | 24.01%          | 2.270%        |
| 4         | 4.098       | 168           | 172         | 175          | rBV      | 14985          | 17988         | 0.34%           | 0.032%        |
| 5         | 6.028       | 495           | 500         | 504          | rBV7     | 4406           | 10119         | 0.19%           | 0.018%        |
| 6         | 7.092       | 674           | 681         | 696          | rBV      | 926449         | 1493481       | 27.82%          | 2.631%        |
| 7         | 7.269       | 705           | 711         | 722          | rBV      | 818828         | 1280653       | 23.86%          | 2.256%        |
| 8         | 7.451       | 736           | 742         | 752          | rBV      | 919534         | 1445782       | 26.93%          | 2.547%        |
| 9         | 7.928       | 815           | 823         | 831          | rVB      | 745225         | 1161684       | 21.64%          | 2.046%        |
| 10        | 7.998       | 831           | 835         | 837          | rBV5     | 4606           | 6609          | 0.12%           | 0.012%        |
| 11        | 8.022       | 837           | 839         | 845          | rVB7     | 3533           | 6616          | 0.12%           | 0.012%        |
| 12        | 8.210       | 867           | 871         | 875          | rBV7     | 2865           | 5456          | 0.10%           | 0.010%        |
| 13        | 8.639       | 937           | 944         | 963          | rBV      | 1118330        | 1835868       | 34.20%          | 3.234%        |
| 14        | 9.098       | 1014          | 1022        | 1033         | rBV      | 872822         | 1474464       | 27.47%          | 2.597%        |
| 15        | 9.269       | 1046          | 1051        | 1055         | rVB8     | 6737           | 10796         | 0.20%           | 0.019%        |
| 16        | 9.680       | 1116          | 1121        | 1130         | rBV      | 24725          | 46071         | 0.86%           | 0.081%        |
| 17        | 9.816       | 1137          | 1144        | 1153         | rBV      | 712606         | 1172662       | 21.85%          | 2.066%        |
| 18        | 10.351      | 1227          | 1235        | 1251         | rBV      | 1055356        | 1813713       | 33.79%          | 3.195%        |
| 19        | 10.551      | 1264          | 1269        | 1271         | rBV6     | 4051           | 6708          | 0.12%           | 0.012%        |
| 20        | 10.733      | 1292          | 1300        | 1309         | rVB      | 974144         | 1689357       | 31.47%          | 2.976%        |
| 21        | 10.880      | 1317          | 1325        | 1339         | rBV      | 1064880        | 1948916       | 36.31%          | 3.433%        |
| 22        | 11.322      | 1395          | 1400        | 1403         | rVB7     | 6758           | 10662         | 0.20%           | 0.019%        |
| 23        | 11.498      | 1422          | 1430        | 1435         | rBV2     | 25847          | 52806         | 0.98%           | 0.093%        |
| 24        | 12.321      | 1563          | 1570        | 1577         | rBV      | 20935          | 36028         | 0.67%           | 0.063%        |
| 25        | 13.398      | 1748          | 1753        | 1758         | rBV3     | 11441          | 14858         | 0.28%           | 0.026%        |
| 26        | 13.474      | 1760          | 1766        | 1773         | rBV      | 19995          | 33161         | 0.62%           | 0.058%        |
| 27        | 13.810      | 1817          | 1823        | 1826         | rBV7     | 3237           | 6001          | 0.11%           | 0.011%        |
| 28        | 13.992      | 1847          | 1854        | 1867         | rBV      | 2048347        | 2876879       | 53.60%          | 5.068%        |
| 29        | 14.263      | 1889          | 1900        | 1913         | rBV      | 2389460        | 3527679       | 65.72%          | 6.214%        |
| 30        | 14.568      | 1945          | 1952        | 1962         | rBV      | 1445658        | 2123318       | 39.56%          | 3.740%        |
| 31        | 14.774      | 1979          | 1987        | 2011         | rBV      | 526965         | 1245081       | 23.20%          | 2.193%        |
| 32        | 14.992      | 2020          | 2024        | 2033         | rVB      | 11076          | 27203         | 0.51%           | 0.048%        |
| 33        | 15.433      | 2093          | 2099        | 2101         | rVB6     | 5163           | 8927          | 0.17%           | 0.016%        |
| 34        | 15.562      | 2114          | 2121        | 2135         | rBV      | 3090033        | 4394659       | 81.87%          | 7.741%        |
| 35        | 15.686      | 2136          | 2142        | 2153         | rVV      | 806345         | 1114093       | 20.76%          | 1.962%        |
| 36        | 15.809      | 2159          | 2163        | 2168         | rVB6     | 13591          | 21547         | 0.40%           | 0.038%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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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-BM022324.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |       |         |         |         |        |
|----|--------|------|------|------|-------|---------|---------|---------|--------|
| 37 | 16.133 | 2213 | 2218 | 2224 | rVB10 | 5612    | 10712   | 0.20%   | 0.019% |
| 38 | 16.292 | 2238 | 2245 | 2249 | rBV7  | 4390    | 9517    | 0.18%   | 0.017% |
| 39 | 16.351 | 2251 | 2255 | 2261 | rVB8  | 11387   | 15134   | 0.28%   | 0.027% |
| 40 | 16.462 | 2269 | 2274 | 2275 | rBV5  | 3812    | 5871    | 0.11%   | 0.010% |
| 41 | 16.733 | 2316 | 2320 | 2329 | rBV10 | 5963    | 11870   | 0.22%   | 0.021% |
| 42 | 16.998 | 2362 | 2365 | 2370 | rVB6  | 4505    | 6035    | 0.11%   | 0.011% |
| 43 | 17.092 | 2378 | 2381 | 2387 | rBV6  | 7016    | 12068   | 0.22%   | 0.021% |
| 44 | 17.321 | 2413 | 2420 | 2429 | rBV   | 1722254 | 2430690 | 45.28%  | 4.282% |
| 45 | 17.421 | 2430 | 2437 | 2449 | rVV   | 3230637 | 4694305 | 87.45%  | 8.269% |
| 46 | 17.527 | 2452 | 2455 | 2463 | rVB8  | 17351   | 32814   | 0.61%   | 0.058% |
| 47 | 17.621 | 2469 | 2471 | 2476 | rVB5  | 4242    | 6152    | 0.11%   | 0.011% |
| 48 | 17.686 | 2478 | 2482 | 2484 | rBV5  | 3878    | 5721    | 0.11%   | 0.010% |
| 49 | 17.721 | 2484 | 2488 | 2496 | rVB10 | 8662    | 17577   | 0.33%   | 0.031% |
| 50 | 17.874 | 2511 | 2514 | 2517 | rVB5  | 4348    | 6731    | 0.13%   | 0.012% |
| 51 | 18.009 | 2532 | 2537 | 2545 | rVB5  | 15486   | 22884   | 0.43%   | 0.040% |
| 52 | 18.233 | 2569 | 2575 | 2586 | rBV   | 248934  | 389848  | 7.26%   | 0.687% |
| 53 | 18.309 | 2586 | 2588 | 2592 | rVB5  | 6145    | 8813    | 0.16%   | 0.016% |
| 54 | 18.533 | 2622 | 2626 | 2627 | rBV4  | 4802    | 6575    | 0.12%   | 0.012% |
| 55 | 18.662 | 2645 | 2648 | 2652 | rVB5  | 14870   | 19309   | 0.36%   | 0.034% |
| 56 | 19.227 | 2742 | 2744 | 2749 | rVB6  | 5086    | 5690    | 0.11%   | 0.010% |
| 57 | 19.280 | 2749 | 2753 | 2758 | rBV3  | 41814   | 61916   | 1.15%   | 0.109% |
| 58 | 19.350 | 2761 | 2765 | 2769 | rBV   | 34064   | 53070   | 0.99%   | 0.093% |
| 59 | 19.515 | 2789 | 2793 | 2798 | rBV   | 70589   | 91352   | 1.70%   | 0.161% |
| 60 | 19.668 | 2816 | 2819 | 2821 | rBV3  | 15225   | 17311   | 0.32%   | 0.030% |
| 61 | 19.715 | 2821 | 2827 | 2837 | rVV   | 3993788 | 5367732 | 100.00% | 9.455% |
| 62 | 21.250 | 3084 | 3088 | 3097 | rBV   | 230412  | 399919  | 7.45%   | 0.704% |
| 63 | 21.521 | 3128 | 3134 | 3147 | rBV   | 1842894 | 2612666 | 48.67%  | 4.602% |
| 64 | 22.444 | 3288 | 3291 | 3296 | rBV2  | 97716   | 125649  | 2.34%   | 0.221% |
| 65 | 23.774 | 3510 | 3517 | 3531 | rVB2  | 2658316 | 5309512 | 98.92%  | 9.353% |
| 66 | 23.933 | 3537 | 3544 | 3557 | rVB   | 1289688 | 2658463 | 49.53%  | 4.683% |

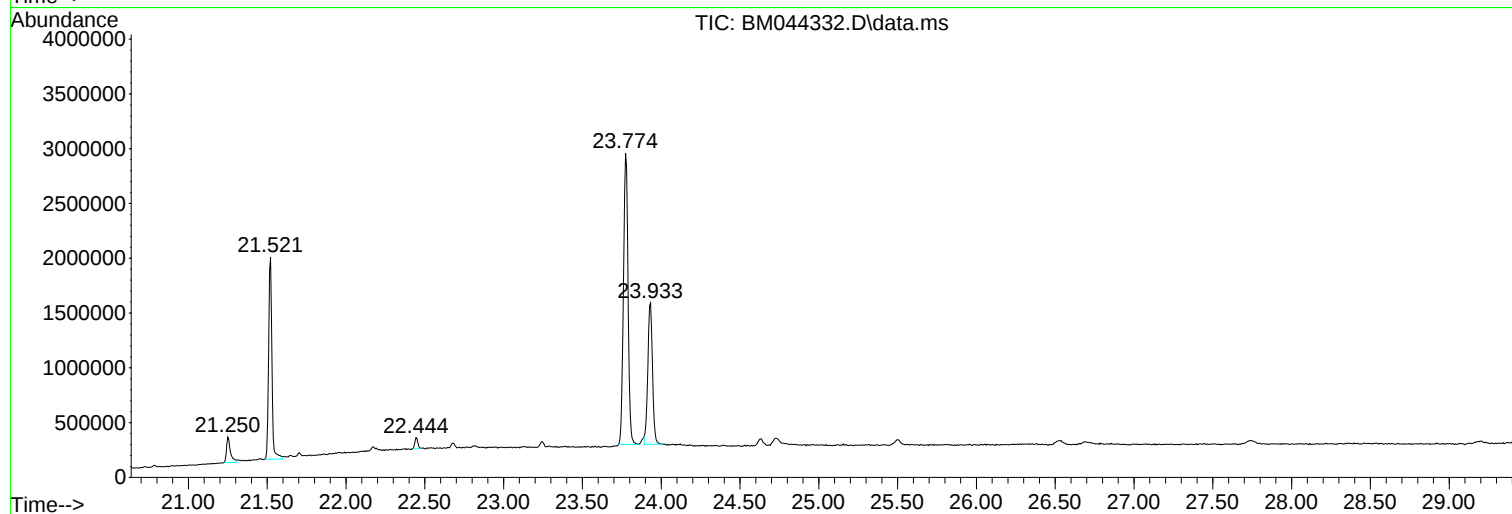
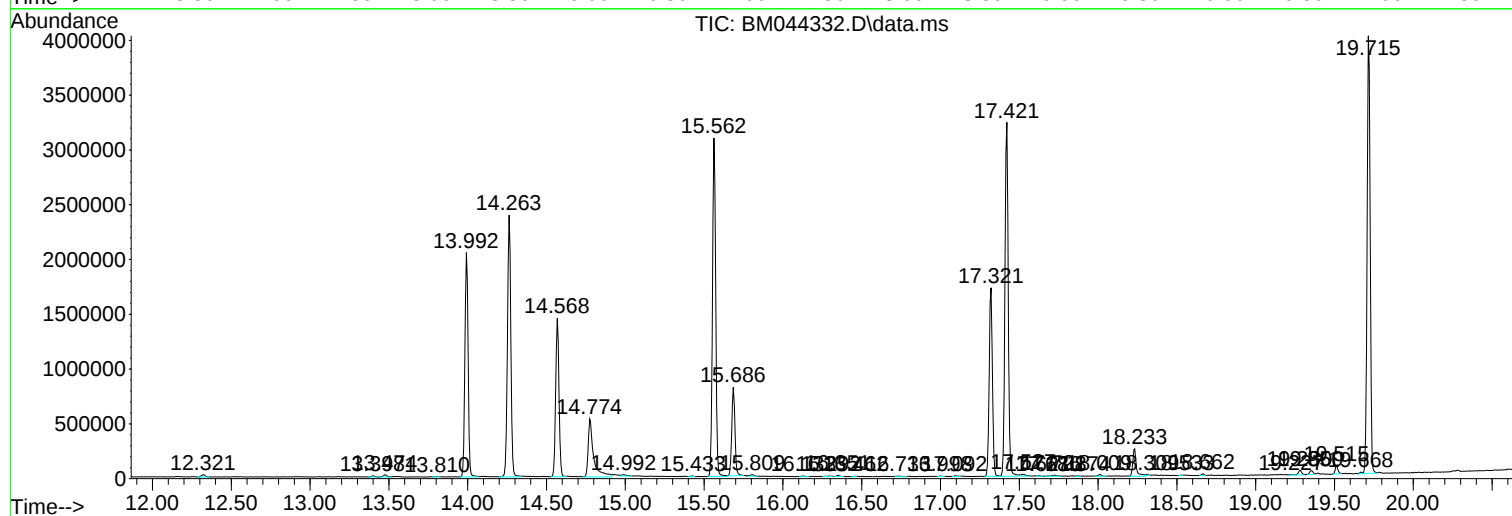
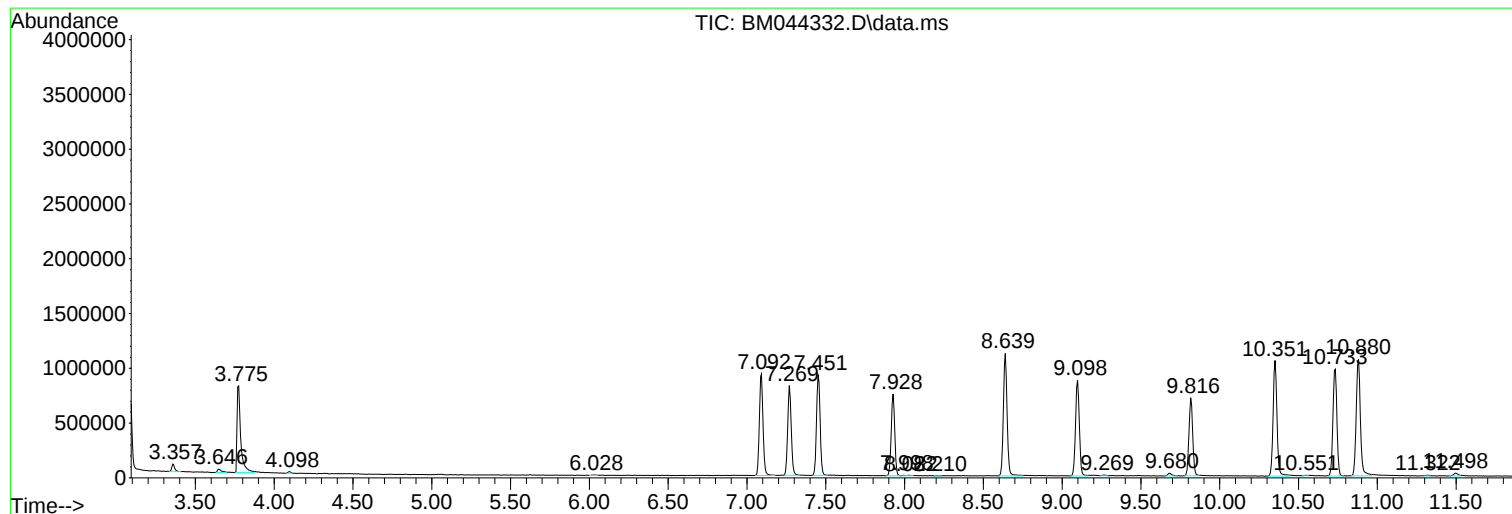
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Instrument :  
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022324.MA.M  
Quant Title : SVOA CALIBRATION

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



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Operator : MA/JU  
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Instrument :  
BNA\_M  
ClientSampleId :  
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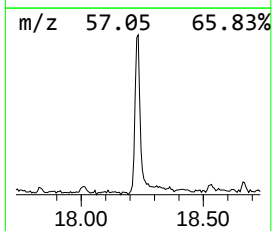
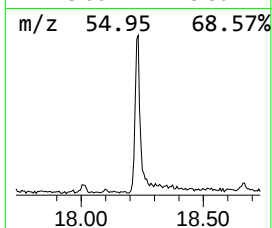
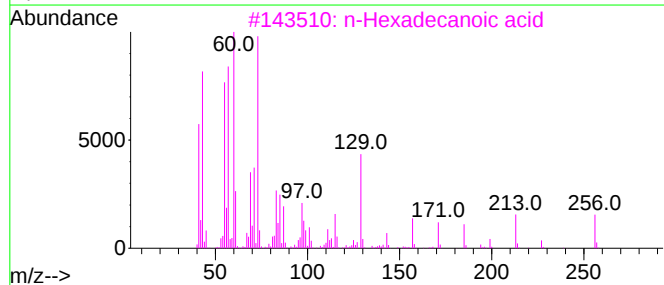
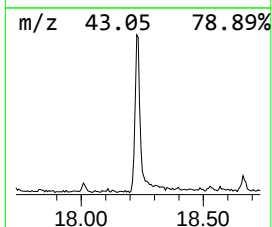
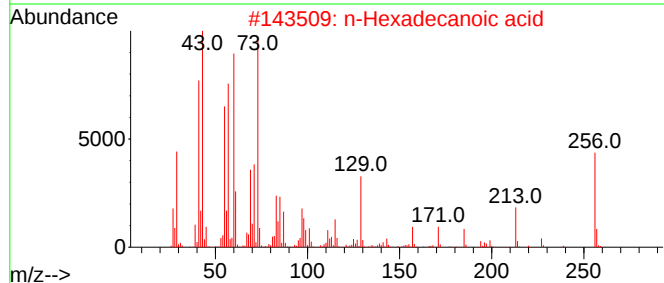
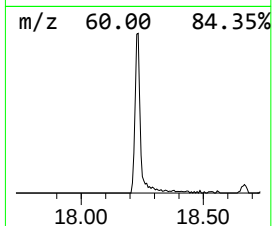
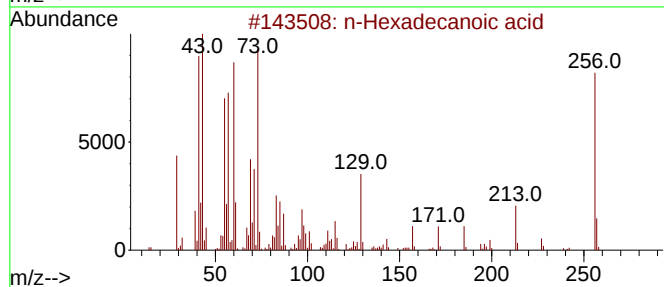
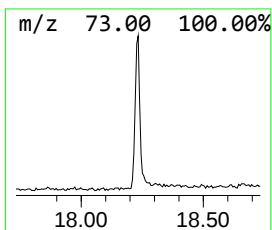
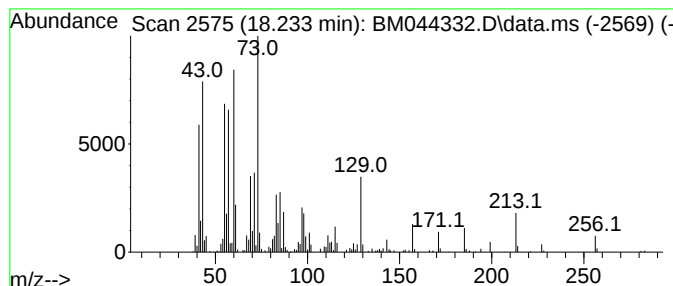
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022324.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.233 | 3.21 ng/ul | 389848 | Phenanthrene-d10 | 17.321 |

| 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 | 97      |      |      |
| 5    | Tetradecanoic acid  | 228 | C14H28O2     | 000544-63-8 | 93      |      |      |



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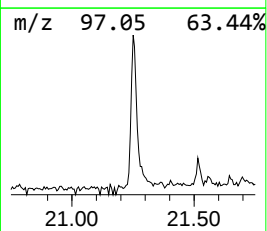
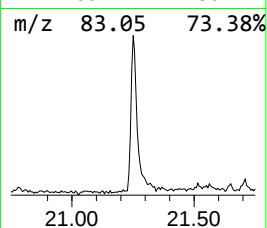
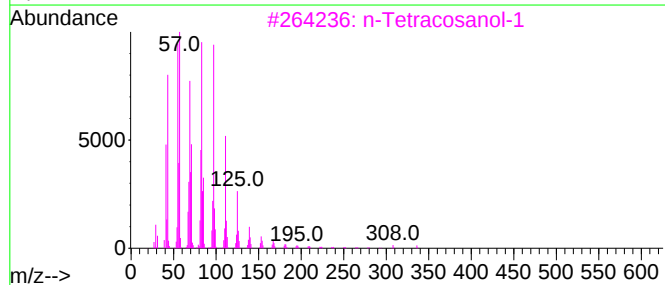
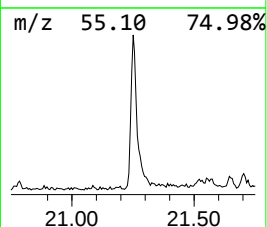
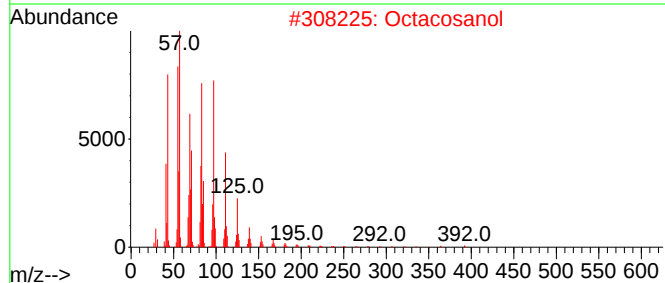
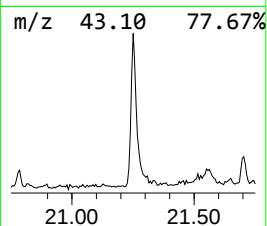
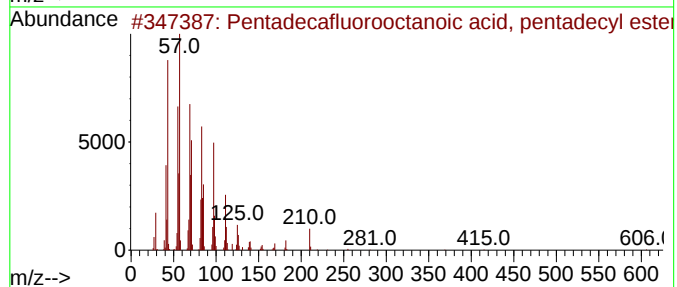
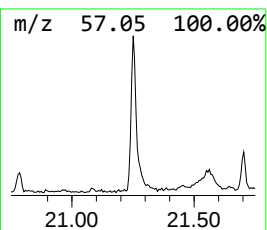
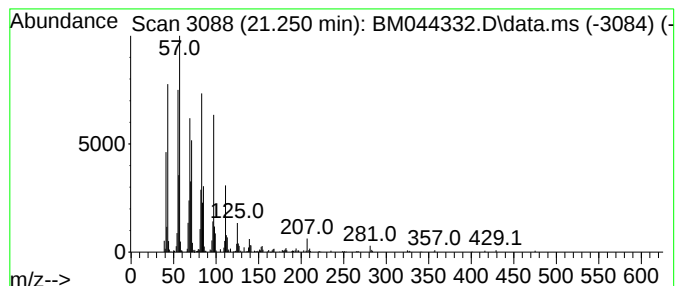
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Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Pentadecafluorooctanoic aci... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 21.250    | 3.06 ng/ul                          | 399919 | Chrysene-d12     | 21.521       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Pentadecafluorooctanoic acid, pe... | 624    | C23H31F15O2      | 1000406-04-5 | 94   |
| 2         | Octacosanol                         | 410    | C28H58O          | 000557-61-9  | 94   |
| 3         | n-Tetracosanol-1                    | 354    | C24H50O          | 000506-51-4  | 93   |
| 4         | Pentadecafluorooctanoic acid, oc... | 666    | C26H37F15O2      | 1000406-04-8 | 91   |
| 5         | 1-Hexacosanol                       | 382    | C26H54O          | 000506-52-5  | 91   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.233 | 3.2     | ng/ul | 389848   | 4                     | 17.321 | 2430690 | 20.0 |
| Pentadecafluoro... | 21.250 | 3.1     | ng/ul | 399919   | 5                     | 21.521 | 2612670 | 20.0 |