

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP103123\  
 Data File : BP017841.D  
 Acq On : 31 Oct 2023 20:59  
 Operator : MA/JU  
 Sample : 04950-12  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A49D4

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-BP101823.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BP017841.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         | 3.276       | 29            | 32          | 40           | rVB3     | 14926          | 27120         | 1.05%           | 0.105%        |
| 2         | 3.723       | 104           | 108         | 121          | rBV      | 41631          | 108772        | 4.19%           | 0.419%        |
| 3         | 3.887       | 131           | 136         | 142          | rVB      | 15072          | 28864         | 1.11%           | 0.111%        |
| 4         | 3.999       | 152           | 155         | 163          | rVB5     | 8205           | 15201         | 0.59%           | 0.059%        |
| 5         | 4.928       | 309           | 313         | 319          | rVB4     | 6237           | 13707         | 0.53%           | 0.053%        |
| 6         | 5.664       | 435           | 438         | 442          | rVB6     | 2508           | 2927          | 0.11%           | 0.011%        |
| 7         | 6.011       | 492           | 497         | 500          | rBV7     | 2159           | 3690          | 0.14%           | 0.014%        |
| 8         | 6.834       | 634           | 637         | 641          | rVB6     | 3509           | 5726          | 0.22%           | 0.022%        |
| 9         | 7.046       | 668           | 673         | 688          | rVV      | 82665          | 165967        | 6.40%           | 0.640%        |
| 10        | 7.228       | 698           | 704         | 716          | rBV      | 418024         | 677928        | 26.14%          | 2.614%        |
| 11        | 7.399       | 725           | 733         | 748          | rBV      | 390720         | 687809        | 26.52%          | 2.652%        |
| 12        | 7.711       | 784           | 786         | 789          | rVB4     | 2610           | 2677          | 0.10%           | 0.010%        |
| 13        | 7.746       | 789           | 792         | 797          | rBV7     | 1570           | 3021          | 0.12%           | 0.012%        |
| 14        | 7.881       | 808           | 815         | 826          | rBV      | 470383         | 777134        | 29.96%          | 2.996%        |
| 15        | 8.605       | 931           | 938         | 960          | rBV      | 263819         | 479808        | 18.50%          | 1.850%        |
| 16        | 9.087       | 1013          | 1020        | 1032         | rBV      | 508410         | 847913        | 32.69%          | 3.269%        |
| 17        | 9.269       | 1048          | 1051        | 1057         | rVB3     | 9438           | 15572         | 0.60%           | 0.060%        |
| 18        | 9.799       | 1134          | 1141        | 1154         | rBV      | 388469         | 687299        | 26.50%          | 2.650%        |
| 19        | 9.969       | 1167          | 1170        | 1176         | rVB8     | 2687           | 5695          | 0.22%           | 0.022%        |
| 20        | 10.328      | 1223          | 1231        | 1251         | rBV      | 488036         | 952741        | 36.73%          | 3.673%        |
| 21        | 10.710      | 1285          | 1296        | 1312         | rBV      | 583754         | 979566        | 37.77%          | 3.776%        |
| 22        | 10.887      | 1319          | 1326        | 1344         | rBV      | 364104         | 717433        | 27.66%          | 2.766%        |
| 23        | 11.775      | 1472          | 1477        | 1483         | rVB4     | 5176           | 8389          | 0.32%           | 0.032%        |
| 24        | 12.310      | 1562          | 1568        | 1574         | rBV4     | 8509           | 18297         | 0.71%           | 0.071%        |
| 25        | 12.869      | 1660          | 1663        | 1665         | rBV3     | 2034           | 2749          | 0.11%           | 0.011%        |
| 26        | 12.969      | 1675          | 1680        | 1683         | rBV7     | 2375           | 4470          | 0.17%           | 0.017%        |
| 27        | 13.022      | 1683          | 1689        | 1690         | rVB6     | 2145           | 2971          | 0.11%           | 0.011%        |
| 28        | 13.151      | 1709          | 1711        | 1717         | rVB7     | 1620           | 2605          | 0.10%           | 0.010%        |
| 29        | 13.316      | 1734          | 1739        | 1742         | rBV6     | 4006           | 5696          | 0.22%           | 0.022%        |
| 30        | 13.416      | 1752          | 1756        | 1762         | rVB5     | 9059           | 14780         | 0.57%           | 0.057%        |
| 31        | 13.793      | 1817          | 1820        | 1823         | rBV5     | 3012           | 3016          | 0.12%           | 0.012%        |
| 32        | 13.993      | 1847          | 1854        | 1868         | rBV      | 1091939        | 1489151       | 57.41%          | 5.741%        |
| 33        | 14.275      | 1895          | 1902        | 1913         | rBV      | 1155713        | 1645803       | 63.45%          | 6.345%        |
| 34        | 14.398      | 1921          | 1923        | 1928         | rVB6     | 2518           | 3594          | 0.14%           | 0.014%        |
| 35        | 14.575      | 1945          | 1953        | 1962         | rBV      | 781086         | 1142634       | 44.05%          | 4.405%        |
| 36        | 14.857      | 1994          | 2001        | 2013         | rBV9     | 17017          | 62202         | 2.40%           | 0.240%        |

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 ClientSampleId :  
 A49D4

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-BP101823.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 14.969 | 2016 | 2020 | 2021 | rBV4 | 2888    | 2804    | 0.11%   | 0.011% |
| 38 | 15.198 | 2056 | 2059 | 2062 | rBV5 | 2473    | 3925    | 0.15%   | 0.015% |
| 39 | 15.369 | 2084 | 2088 | 2091 | rVB5 | 3399    | 5391    | 0.21%   | 0.021% |
| 40 | 15.404 | 2091 | 2094 | 2099 | rVB7 | 1850    | 2788    | 0.11%   | 0.011% |
| 41 | 15.581 | 2118 | 2124 | 2132 | rBV  | 1430651 | 2073146 | 79.93%  | 7.992% |
| 42 | 15.728 | 2144 | 2149 | 2162 | rBV  | 381547  | 572569  | 22.08%  | 2.207% |
| 43 | 15.828 | 2162 | 2166 | 2172 | rVB9 | 8099    | 16235   | 0.63%   | 0.063% |
| 44 | 16.122 | 2213 | 2216 | 2219 | rBV4 | 1707    | 3347    | 0.13%   | 0.013% |
| 45 | 16.381 | 2255 | 2260 | 2264 | rVB8 | 3887    | 5546    | 0.21%   | 0.021% |
| 46 | 16.434 | 2266 | 2269 | 2273 | rBV6 | 2432    | 4112    | 0.16%   | 0.016% |
| 47 | 16.598 | 2294 | 2297 | 2300 | rVB5 | 3069    | 3837    | 0.15%   | 0.015% |
| 48 | 16.628 | 2300 | 2302 | 2304 | rBV3 | 3085    | 3254    | 0.13%   | 0.013% |
| 49 | 16.728 | 2316 | 2319 | 2323 | rBV6 | 2322    | 3872    | 0.15%   | 0.015% |
| 50 | 17.040 | 2370 | 2372 | 2377 | rVB6 | 3572    | 3857    | 0.15%   | 0.015% |
| 51 | 17.157 | 2388 | 2392 | 2397 | rBV7 | 4187    | 8160    | 0.31%   | 0.031% |
| 52 | 17.245 | 2405 | 2407 | 2412 | rVB6 | 2486    | 3593    | 0.14%   | 0.014% |
| 53 | 17.369 | 2418 | 2428 | 2437 | rBV  | 923967  | 1288925 | 49.69%  | 4.969% |
| 54 | 17.469 | 2439 | 2445 | 2461 | rVV2 | 1532674 | 2226491 | 85.84%  | 8.584% |
| 55 | 17.998 | 2531 | 2535 | 2538 | rBV6 | 5588    | 8070    | 0.31%   | 0.031% |
| 56 | 18.222 | 2569 | 2573 | 2582 | rBV  | 115207  | 163753  | 6.31%   | 0.631% |
| 57 | 18.610 | 2636 | 2639 | 2640 | rBV3 | 3284    | 3439    | 0.13%   | 0.013% |
| 58 | 18.775 | 2664 | 2667 | 2672 | rVB7 | 7418    | 11781   | 0.45%   | 0.045% |
| 59 | 19.298 | 2753 | 2756 | 2760 | rBV3 | 18856   | 23949   | 0.92%   | 0.092% |
| 60 | 19.375 | 2765 | 2769 | 2773 | rVB2 | 18347   | 25454   | 0.98%   | 0.098% |
| 61 | 19.469 | 2781 | 2785 | 2793 | rBV4 | 56351   | 80528   | 3.10%   | 0.310% |
| 62 | 19.733 | 2824 | 2830 | 2837 | rBV  | 2030159 | 2593737 | 100.00% | 9.999% |
| 63 | 21.186 | 3073 | 3077 | 3085 | rBV6 | 53897   | 107158  | 4.13%   | 0.413% |
| 64 | 21.516 | 3128 | 3133 | 3140 | rBV  | 988296  | 1270748 | 48.99%  | 4.899% |
| 65 | 23.904 | 3531 | 3539 | 3548 | rBV2 | 1182034 | 2474996 | 95.42%  | 9.542% |
| 66 | 24.074 | 3561 | 3568 | 3585 | rVB  | 639249  | 1330756 | 51.31%  | 5.130% |

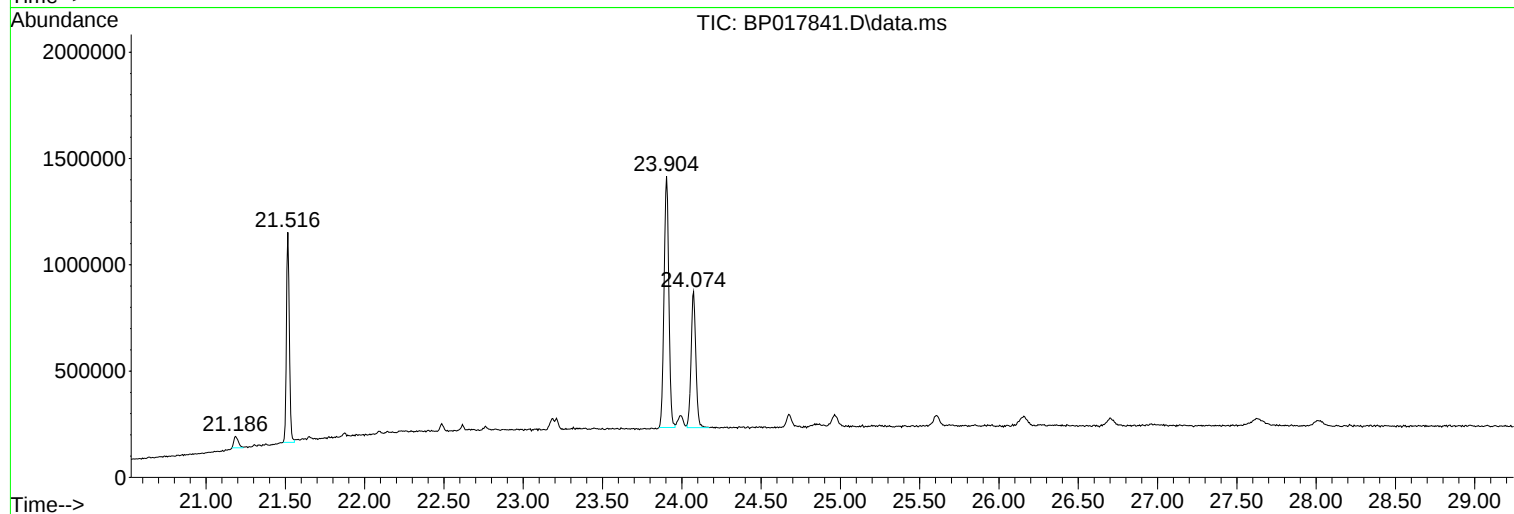
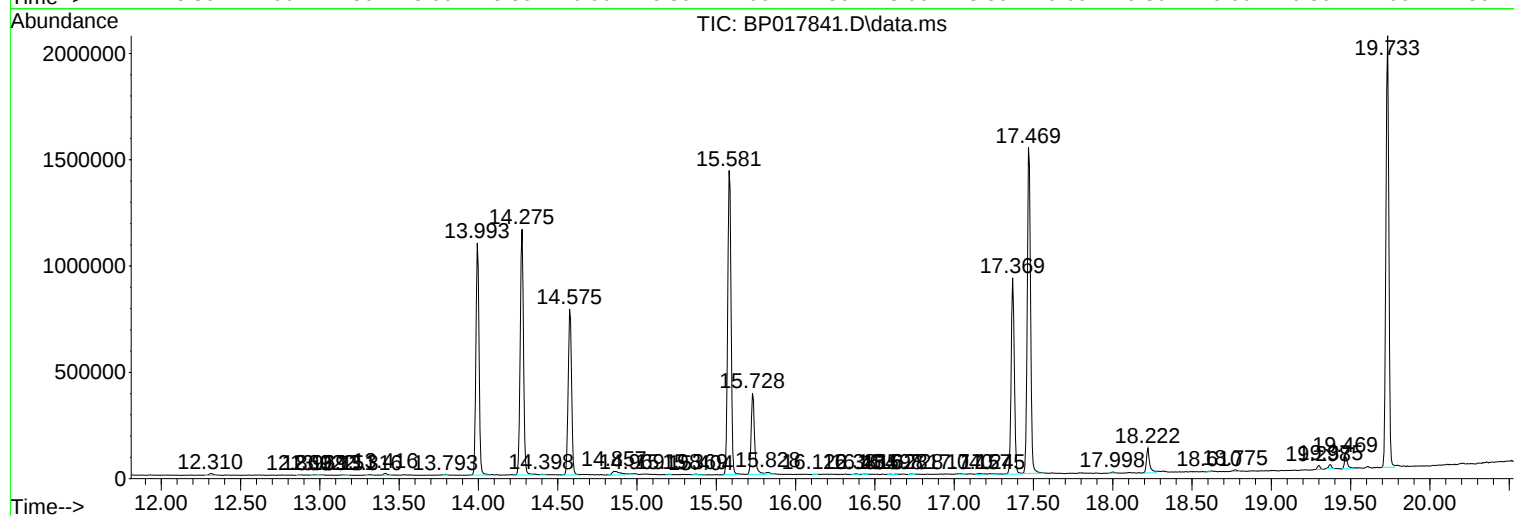
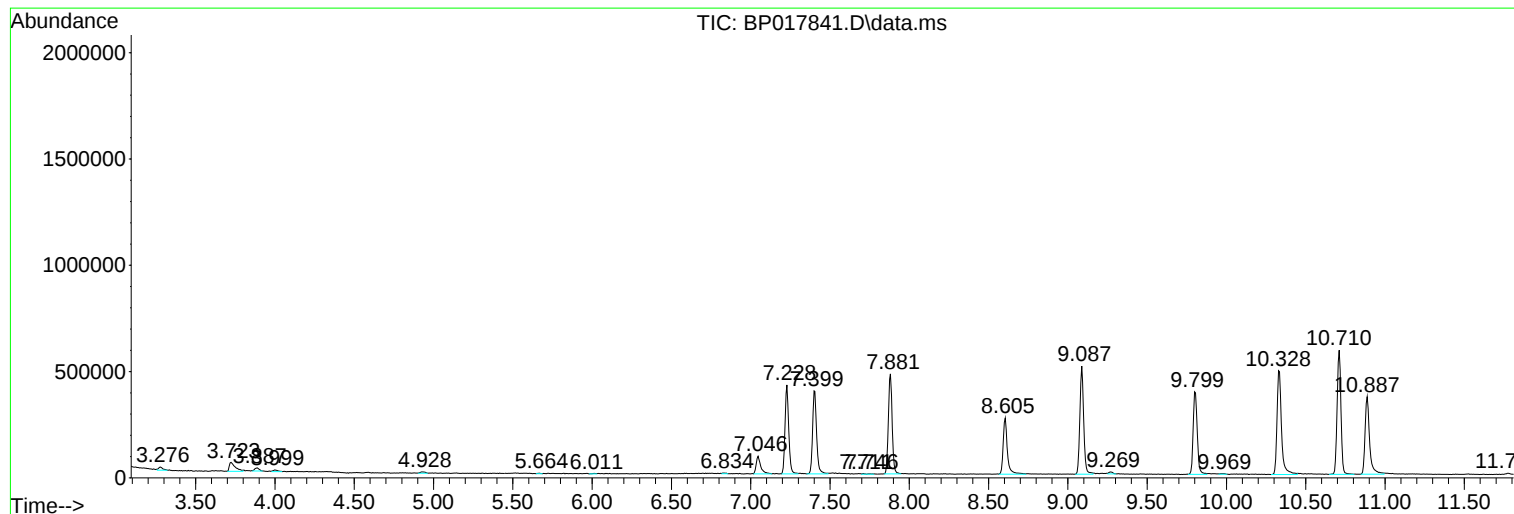
Sum of corrected areas: 25939148

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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
BNA\_P  
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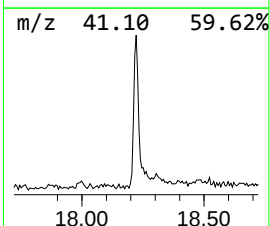
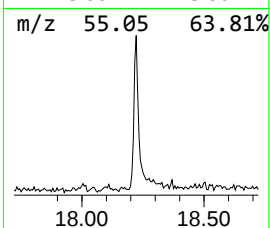
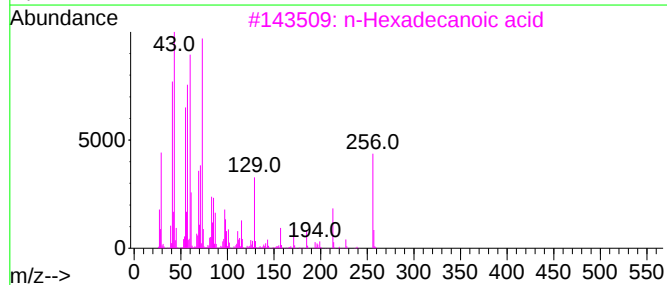
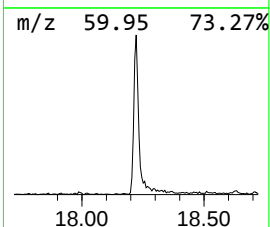
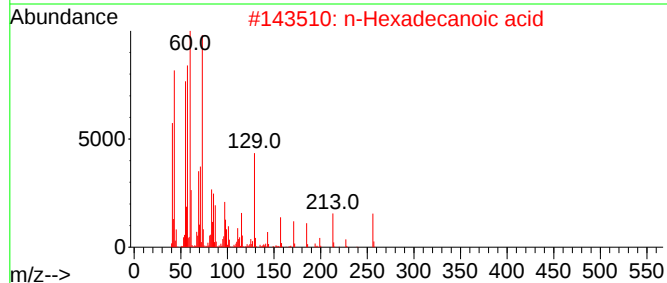
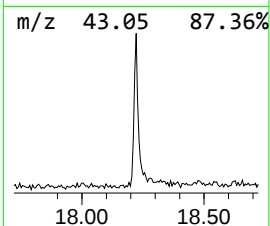
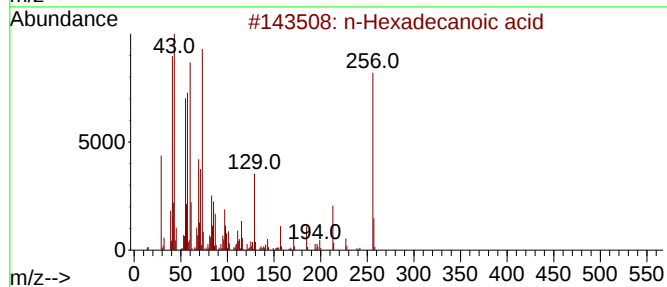
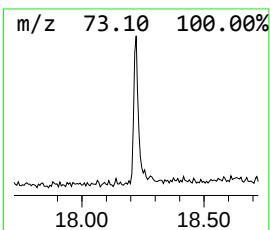
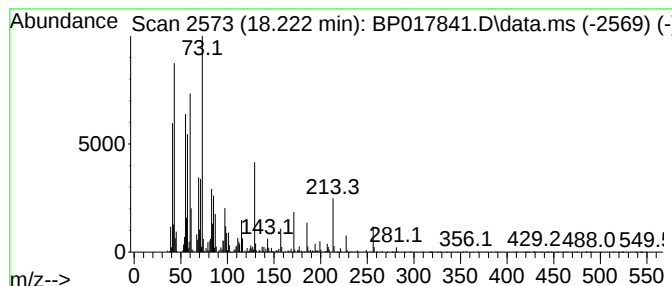
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 18.222 | 2.54 ng/ul | 163753 | Phenanthrene-d10 | 17.369 |

| 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 | 98   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 4    |    |   | n-Hexadecanoic acid | 238 | C16H32O2 | 000057-10-3 | 93   |
| 5    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 90   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101823.MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| n-Hexadecanoic ... | 18.222 | 2.5     | ng/u1 | 163753   | 4                     | 17.369 | 1288930 | 20.0 |