

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072722\  
 Data File : BM035970.D  
 Acq On : 28 Jul 2022 03:31  
 Operator : CG/JU  
 Sample : N3741-07  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H0B15

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-BM072522.M  
 Title : SVOA CALIBRATION

Signal : TIC: BM035970.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         | 3.269       | 28            | 31          | 37           | rVB      | 76443          | 99264         | 1.25%           | 0.137%        |
| 2         | 3.563       | 77            | 81          | 90           | rVB      | 31951          | 51687         | 0.65%           | 0.071%        |
| 3         | 3.698       | 101           | 104         | 118          | rBV      | 470290         | 655413        | 8.24%           | 0.904%        |
| 4         | 3.810       | 120           | 123         | 128          | rVB3     | 26200          | 32924         | 0.41%           | 0.045%        |
| 5         | 3.934       | 140           | 144         | 149          | rVB      | 54840          | 77155         | 0.97%           | 0.106%        |
| 6         | 4.028       | 157           | 160         | 165          | rVB      | 23780          | 31735         | 0.40%           | 0.044%        |
| 7         | 4.969       | 315           | 320         | 325          | rBV3     | 37636          | 76194         | 0.96%           | 0.105%        |
| 8         | 5.216       | 357           | 362         | 368          | rVB2     | 22896          | 35283         | 0.44%           | 0.049%        |
| 9         | 5.575       | 418           | 423         | 427          | rBV5     | 12441          | 19780         | 0.25%           | 0.027%        |
| 10        | 7.045       | 667           | 673         | 686          | rVB      | 1071945        | 1720225       | 21.62%          | 2.372%        |
| 11        | 7.216       | 695           | 702         | 709          | rBV      | 910840         | 1382205       | 17.37%          | 1.906%        |
| 12        | 7.286       | 711           | 714         | 720          | rVB      | 19892          | 29570         | 0.37%           | 0.041%        |
| 13        | 7.410       | 727           | 735         | 744          | rBV      | 1167022        | 1806223       | 22.70%          | 2.491%        |
| 14        | 7.498       | 748           | 750         | 756          | rVB6     | 10517          | 14269         | 0.18%           | 0.020%        |
| 15        | 7.881       | 808           | 815         | 822          | rBV      | 1033385        | 1579792       | 19.85%          | 2.178%        |
| 16        | 7.951       | 822           | 827         | 832          | rVV3     | 11669          | 21830         | 0.27%           | 0.030%        |
| 17        | 8.022       | 835           | 839         | 843          | rVB3     | 10978          | 16366         | 0.21%           | 0.023%        |
| 18        | 8.598       | 928           | 937         | 943          | rBV      | 1203210        | 1982913       | 24.92%          | 2.734%        |
| 19        | 8.651       | 943           | 946         | 951          | rVV2     | 33531          | 55475         | 0.70%           | 0.076%        |
| 20        | 8.716       | 952           | 957         | 962          | rVB      | 19383          | 32607         | 0.41%           | 0.045%        |
| 21        | 9.051       | 1006          | 1014        | 1022         | rBV      | 1021460        | 1660067       | 20.86%          | 2.289%        |
| 22        | 9.169       | 1028          | 1034        | 1039         | rBV8     | 7726           | 15693         | 0.20%           | 0.022%        |
| 23        | 9.210       | 1039          | 1041        | 1046         | rVB5     | 9234           | 13415         | 0.17%           | 0.018%        |
| 24        | 9.504       | 1089          | 1091        | 1096         | rVB6     | 6057           | 8373          | 0.11%           | 0.012%        |
| 25        | 9.769       | 1127          | 1136        | 1144         | rBV      | 816028         | 1338101       | 16.82%          | 1.845%        |
| 26        | 10.310      | 1219          | 1228        | 1239         | rBV      | 1261751        | 2089058       | 26.25%          | 2.881%        |
| 27        | 10.480      | 1253          | 1257        | 1263         | rVB8     | 12225          | 22964         | 0.29%           | 0.032%        |
| 28        | 10.686      | 1284          | 1292        | 1300         | rBV      | 1372131        | 2255436       | 28.35%          | 3.110%        |
| 29        | 10.827      | 1308          | 1316        | 1332         | rBV      | 1252382        | 2152386       | 27.05%          | 2.968%        |
| 30        | 11.480      | 1423          | 1427        | 1433         | rBV9     | 7945           | 18768         | 0.24%           | 0.026%        |
| 31        | 11.880      | 1492          | 1495        | 1499         | rVB6     | 6526           | 9502          | 0.12%           | 0.013%        |
| 32        | 11.951      | 1501          | 1507        | 1508         | rBV5     | 7407           | 11825         | 0.15%           | 0.016%        |
| 33        | 12.192      | 1542          | 1548        | 1556         | rBV5     | 13749          | 32396         | 0.41%           | 0.045%        |
| 34        | 12.280      | 1556          | 1563        | 1569         | rVB      | 26205          | 48634         | 0.61%           | 0.067%        |
| 35        | 12.486      | 1594          | 1598        | 1601         | rBV5     | 5487           | 9684          | 0.12%           | 0.013%        |
| 36        | 12.692      | 1628          | 1633        | 1638         | rBV7     | 10578          | 20578         | 0.26%           | 0.028%        |

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

Peak separation: 5

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 12.886 | 1658 | 1666 | 1670 | rBV2 | 22309   | 43276   | 0.54%  | 0.060% |
| 38 | 13.021 | 1686 | 1689 | 1694 | rBV7 | 4922    | 9288    | 0.12%  | 0.013% |
| 39 | 13.133 | 1705 | 1708 | 1714 | rVB7 | 9871    | 13120   | 0.16%  | 0.018% |
| 40 | 13.415 | 1753 | 1756 | 1759 | rBV4 | 7408    | 8457    | 0.11%  | 0.012% |
| 41 | 13.486 | 1765 | 1768 | 1776 | rVB9 | 8571    | 15594   | 0.20%  | 0.022% |
| 42 | 13.733 | 1805 | 1810 | 1814 | rBV5 | 14434   | 21231   | 0.27%  | 0.029% |
| 43 | 13.804 | 1817 | 1822 | 1825 | rBV3 | 13733   | 20221   | 0.25%  | 0.028% |
| 44 | 13.845 | 1825 | 1829 | 1833 | rVB7 | 10264   | 14980   | 0.19%  | 0.021% |
| 45 | 13.933 | 1835 | 1844 | 1853 | rBV  | 2283851 | 3073854 | 38.63% | 4.238% |
| 46 | 14.168 | 1879 | 1884 | 1885 | rBV5 | 13694   | 15892   | 0.20%  | 0.022% |
| 47 | 14.215 | 1885 | 1892 | 1903 | rVB  | 2653791 | 3864066 | 48.56% | 5.328% |
| 48 | 14.421 | 1923 | 1927 | 1930 | rVB6 | 8497    | 10074   | 0.13%  | 0.014% |
| 49 | 14.521 | 1936 | 1944 | 1953 | rBV  | 1993081 | 2913772 | 36.62% | 4.018% |
| 50 | 14.721 | 1972 | 1978 | 1991 | rVV  | 1067929 | 1587499 | 19.95% | 2.189% |
| 51 | 14.874 | 2000 | 2004 | 2009 | rBV8 | 8300    | 11569   | 0.15%  | 0.016% |
| 52 | 14.939 | 2011 | 2015 | 2020 | rVB3 | 47093   | 68842   | 0.87%  | 0.095% |
| 53 | 15.039 | 2029 | 2032 | 2039 | rVB9 | 5753    | 11980   | 0.15%  | 0.017% |
| 54 | 15.227 | 2060 | 2064 | 2065 | rBV4 | 7619    | 9574    | 0.12%  | 0.013% |
| 55 | 15.309 | 2071 | 2078 | 2081 | rBV6 | 18626   | 39865   | 0.50%  | 0.055% |
| 56 | 15.509 | 2105 | 2112 | 2119 | rBV  | 3558962 | 4865709 | 61.15% | 6.709% |
| 57 | 15.627 | 2127 | 2132 | 2146 | rBV  | 825923  | 1191340 | 14.97% | 1.643% |
| 58 | 15.745 | 2148 | 2152 | 2160 | rVB2 | 42610   | 70292   | 0.88%  | 0.097% |
| 59 | 16.192 | 2223 | 2228 | 2230 | rBV6 | 10519   | 18129   | 0.23%  | 0.025% |
| 60 | 16.227 | 2230 | 2234 | 2241 | rVV5 | 36287   | 79287   | 1.00%  | 0.109% |
| 61 | 16.286 | 2242 | 2244 | 2248 | rVB4 | 17747   | 22813   | 0.29%  | 0.031% |
| 62 | 16.404 | 2258 | 2264 | 2270 | rBV4 | 13908   | 24228   | 0.30%  | 0.033% |
| 63 | 16.562 | 2287 | 2291 | 2296 | rBV7 | 17470   | 37519   | 0.47%  | 0.052% |
| 64 | 16.739 | 2316 | 2321 | 2326 | rBV  | 40652   | 59306   | 0.75%  | 0.082% |
| 65 | 16.803 | 2328 | 2332 | 2337 | rBV3 | 29207   | 41200   | 0.52%  | 0.057% |
| 66 | 17.021 | 2364 | 2369 | 2373 | rBV2 | 43752   | 74639   | 0.94%  | 0.103% |
| 67 | 17.256 | 2403 | 2409 | 2415 | rBV  | 2450944 | 3390308 | 42.61% | 4.675% |
| 68 | 17.356 | 2420 | 2426 | 2436 | rVV  | 4203196 | 5823532 | 73.19% | 8.030% |
| 69 | 17.450 | 2438 | 2442 | 2447 | rVB  | 99525   | 130682  | 1.64%  | 0.180% |
| 70 | 17.550 | 2457 | 2459 | 2464 | rVB5 | 12200   | 16920   | 0.21%  | 0.023% |
| 71 | 17.645 | 2471 | 2475 | 2483 | rVB6 | 47018   | 88072   | 1.11%  | 0.121% |
| 72 | 17.809 | 2499 | 2503 | 2509 | rVB  | 37433   | 57788   | 0.73%  | 0.080% |
| 73 | 17.933 | 2520 | 2524 | 2529 | rVB  | 199375  | 232454  | 2.92%  | 0.321% |
| 74 | 18.150 | 2557 | 2561 | 2570 | rBV2 | 84096   | 132874  | 1.67%  | 0.183% |
| 75 | 18.486 | 2615 | 2618 | 2626 | rVB4 | 27440   | 39704   | 0.50%  | 0.055% |
| 76 | 18.750 | 2660 | 2663 | 2672 | rVB  | 42504   | 69941   | 0.88%  | 0.096% |

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Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM072522.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 77 | 19.103 | 2719 | 2723 | 2727 | rVB  | 352950  | 391221  | 4.92%   | 0.539%  |
| 78 | 19.209 | 2738 | 2741 | 2744 | rBV2 | 58445   | 79340   | 1.00%   | 0.109%  |
| 79 | 19.239 | 2744 | 2746 | 2750 | rVB  | 82721   | 73661   | 0.93%   | 0.102%  |
| 80 | 19.280 | 2750 | 2753 | 2756 | rBV  | 58289   | 74393   | 0.93%   | 0.103%  |
| 81 | 19.309 | 2756 | 2758 | 2762 | rVB  | 61844   | 76098   | 0.96%   | 0.105%  |
| 82 | 19.644 | 2810 | 2815 | 2829 | rBV  | 5638641 | 7957007 | 100.00% | 10.972% |
| 83 | 20.644 | 2982 | 2985 | 2989 | rVB  | 224871  | 240891  | 3.03%   | 0.332%  |
| 84 | 20.909 | 3027 | 3030 | 3034 | rBV  | 177146  | 203626  | 2.56%   | 0.281%  |
| 85 | 21.150 | 3067 | 3071 | 3075 | rBV2 | 308280  | 405282  | 5.09%   | 0.559%  |
| 86 | 21.433 | 3114 | 3119 | 3124 | rBV  | 3040678 | 3759145 | 47.24%  | 5.183%  |
| 87 | 23.656 | 3490 | 3497 | 3503 | rBV2 | 3976307 | 7690274 | 96.65%  | 10.604% |
| 88 | 23.803 | 3516 | 3522 | 3534 | rVB2 | 1942626 | 3924018 | 49.32%  | 5.411%  |

Sum of corrected areas: 72522637



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H0B15

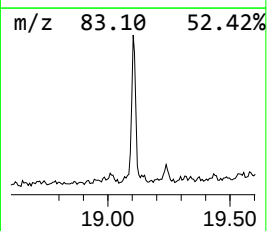
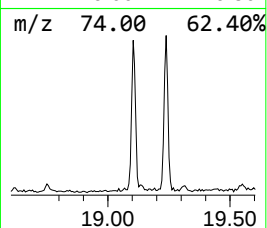
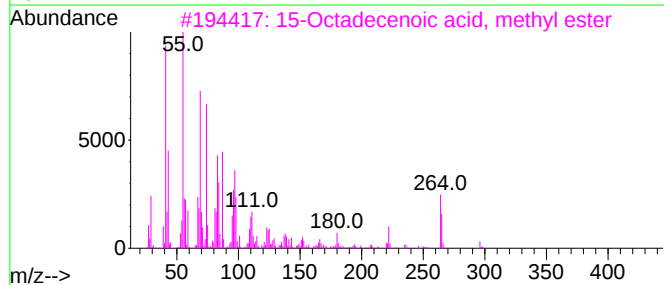
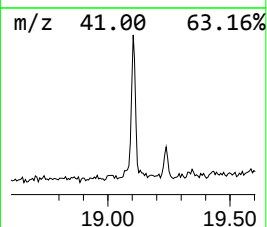
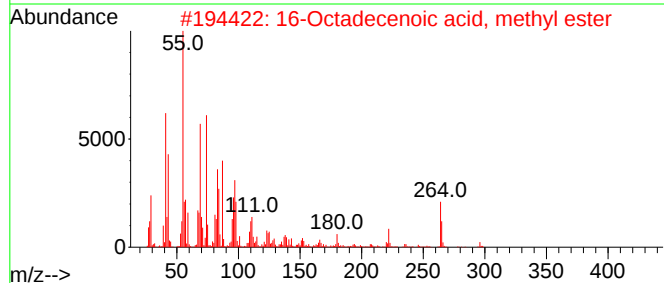
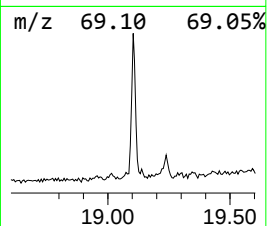
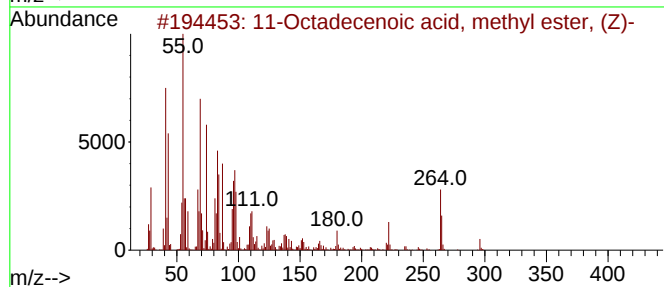
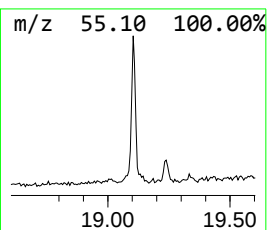
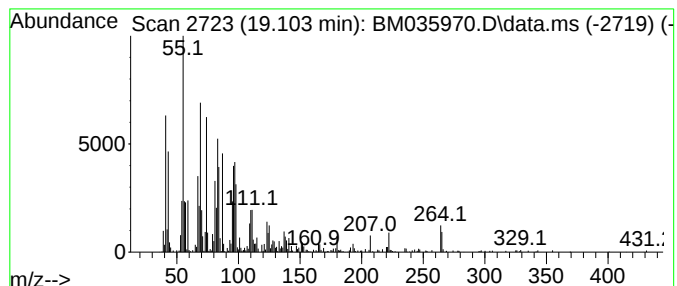
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM072522.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 11-Octadecenoic acid, methyl... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 19.103 | 2.31 ng/ul | 391221 | Phenanthrene-d10 | 17.256 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 11-Octadecenoic acid, methyl est... | 296 | C19H36O2 | 001937-63-9 | 99   |
| 2    |    |   | 16-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-49-5 | 99   |
| 3    |    |   | 15-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 004764-72-1 | 99   |
| 4    |    |   | 10-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 013481-95-3 | 95   |
| 5    |    |   | 6-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 002777-58-4 | 95   |



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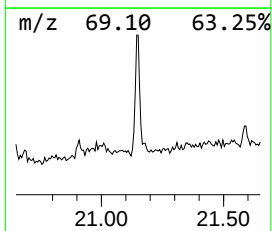
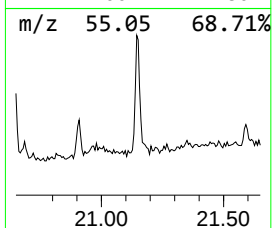
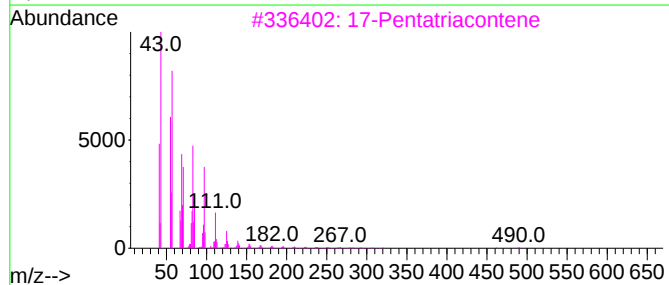
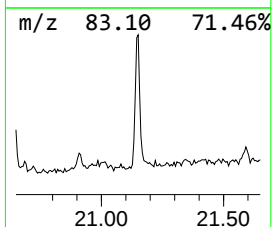
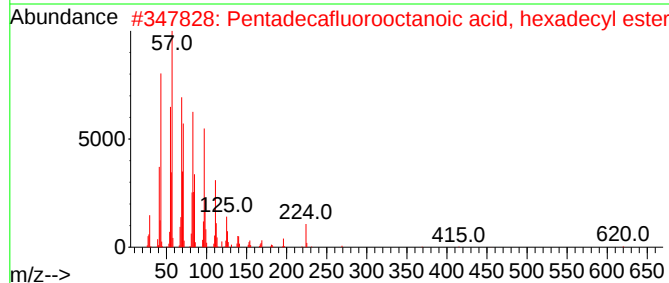
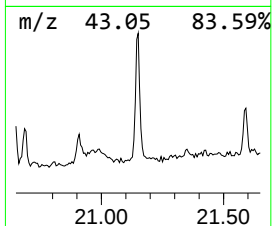
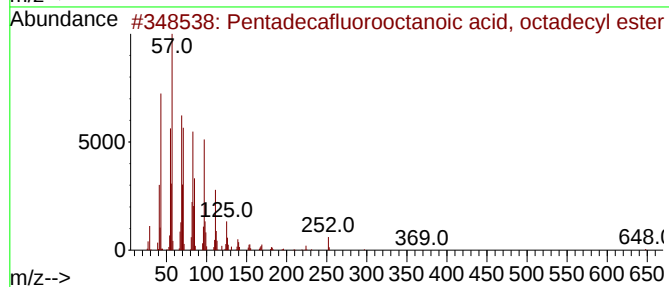
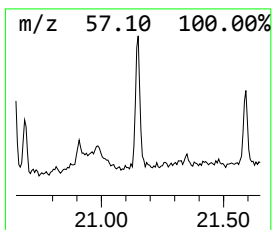
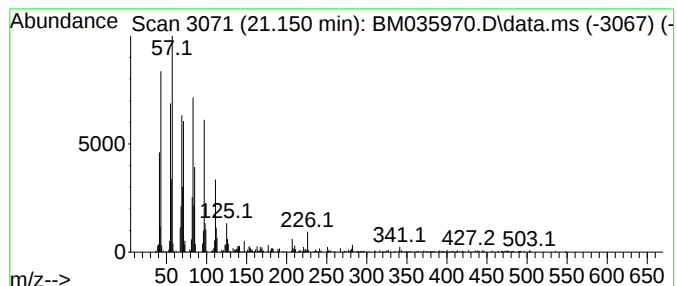
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM072522.M  
Quant Title : SVOA CALIBRATION

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.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 21.150    | 2.16 ng/ul                          | 405282 | Chrysene-d12     | 21.433       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Pentadecafluorooctanoic acid, oc... | 666    | C26H37F15O2      | 1000406-04-8 | 94   |
| 2         | Pentadecafluorooctanoic acid, he... | 638    | C24H33F15O2      | 1000406-04-6 | 94   |
| 3         | 17-Pentatriacontene                 | 491    | C35H70           | 006971-40-0  | 93   |
| 4         | Ethanol, 2-(tetradecyloxy)-         | 258    | C16H34O2         | 002136-70-1  | 91   |
| 5         | Pentadecafluorooctanoic acid, pe... | 624    | C23H31F15O2      | 1000406-04-5 | 87   |



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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 |
| 11-Octadecenoic... | 19.103 | 2.3     | ng/ul | 391221   | 4                     | 17.256 | 3390310 | 20.0 |
| Pentadecafluoro... | 21.150 | 2.2     | ng/ul | 405282   | 5                     | 21.433 | 3759150 | 20.0 |