

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP032921\  
 Data File : BP005086.D  
 Acq On : 29 Mar 2021 21:54  
 Operator : CG/JU  
 Sample : M1783-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0G08

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP032921MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 3.222    | 19         | 23       | 29        | rVB   | 5550        | 7516       | 0.81%        | 0.097%     |
| 2      | 3.387    | 49         | 51       | 56        | rVB5  | 910         | 992        | 0.11%        | 0.013%     |
| 3      | 3.487    | 65         | 68       | 73        | rBV6  | 1018        | 1764       | 0.19%        | 0.023%     |
| 4      | 3.752    | 111        | 113      | 119       | rVB7  | 1017        | 1365       | 0.15%        | 0.018%     |
| 5      | 3.852    | 126        | 130      | 134       | rVB6  | 1510        | 1923       | 0.21%        | 0.025%     |
| 6      | 3.946    | 142        | 146      | 149       | rVB3  | 1739        | 2114       | 0.23%        | 0.027%     |
| 7      | 5.052    | 329        | 334      | 338       | rVB6  | 1924        | 3073       | 0.33%        | 0.040%     |
| 8      | 5.346    | 379        | 384      | 387       | rBV6  | 907         | 1541       | 0.17%        | 0.020%     |
| 9      | 6.852    | 637        | 640      | 641       | rBV3  | 1410        | 1398       | 0.15%        | 0.018%     |
| 10     | 6.887    | 641        | 646      | 656       | rVB2  | 26355       | 45905      | 4.96%        | 0.594%     |
| 11     | 7.052    | 667        | 674      | 687       | rBV   | 87705       | 142030     | 15.36%       | 1.838%     |
| 12     | 7.246    | 701        | 707      | 717       | rVB   | 104634      | 162752     | 17.60%       | 2.106%     |
| 13     | 7.710    | 780        | 786      | 796       | rVV   | 101629      | 167392     | 18.10%       | 2.166%     |
| 14     | 8.069    | 842        | 847      | 848       | rBV4  | 1750        | 1955       | 0.21%        | 0.025%     |
| 15     | 8.422    | 899        | 907      | 919       | rBV   | 74517       | 123496     | 13.35%       | 1.598%     |
| 16     | 8.869    | 976        | 983      | 996       | rBV   | 112712      | 191218     | 20.68%       | 2.474%     |
| 17     | 9.287    | 1046       | 1054     | 1058      | rBV2  | 2756        | 4368       | 0.47%        | 0.057%     |
| 18     | 9.587    | 1098       | 1105     | 1118      | rBV   | 102308      | 169048     | 18.28%       | 2.187%     |
| 19     | 10.128   | 1188       | 1197     | 1209      | rBV   | 133906      | 234995     | 25.41%       | 3.040%     |
| 20     | 10.304   | 1226       | 1227     | 1233      | rVB6  | 617         | 980        | 0.11%        | 0.013%     |
| 21     | 10.369   | 1233       | 1238     | 1243      | rBV9  | 1140        | 1875       | 0.20%        | 0.024%     |
| 22     | 10.422   | 1243       | 1247     | 1250      | rBV6  | 687         | 964        | 0.10%        | 0.012%     |
| 23     | 10.504   | 1254       | 1261     | 1268      | rBV   | 143389      | 236411     | 25.56%       | 3.059%     |
| 24     | 10.657   | 1279       | 1287     | 1291      | rBV3  | 6537        | 12307      | 1.33%        | 0.159%     |
| 25     | 10.816   | 1312       | 1314     | 1320      | rVB5  | 741         | 1022       | 0.11%        | 0.013%     |
| 26     | 11.787   | 1476       | 1479     | 1483      | rVB5  | 676         | 934        | 0.10%        | 0.012%     |
| 27     | 11.946   | 1504       | 1506     | 1511      | rVB6  | 721         | 965        | 0.10%        | 0.012%     |
| 28     | 12.104   | 1527       | 1533     | 1538      | rBV4  | 2388        | 4140       | 0.45%        | 0.054%     |
| 29     | 13.193   | 1714       | 1718     | 1722      | rBV4  | 1604        | 2606       | 0.28%        | 0.034%     |
| 30     | 13.410   | 1752       | 1755     | 1757      | rBV4  | 934         | 1169       | 0.13%        | 0.015%     |
| 31     | 13.781   | 1811       | 1818     | 1824      | rBV   | 310952      | 415921     | 44.97%       | 5.381%     |
| 32     | 13.828   | 1824       | 1826     | 1832      | rVB2  | 7430        | 9265       | 1.00%        | 0.120%     |
| 33     | 13.904   | 1837       | 1839     | 1847      | rVB9  | 798         | 1457       | 0.16%        | 0.019%     |
| 34     | 14.057   | 1853       | 1865     | 1876      | rBV   | 322663      | 474409     | 51.30%       | 6.138%     |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 14.269 | 1898 | 1901 | 1906 | rVB6 | 1168   | 1530   | 0.17%  | 0.020% |
| 36 | 14.369 | 1908 | 1918 | 1925 | rBV  | 229844 | 341502 | 36.93% | 4.418% |
| 37 | 14.587 | 1945 | 1955 | 1966 | rBV5 | 11459  | 30325  | 3.28%  | 0.392% |
| 38 | 14.804 | 1989 | 1992 | 1996 | rVB6 | 979    | 1066   | 0.12%  | 0.014% |
| 39 | 15.004 | 2021 | 2026 | 2029 | rBV4 | 862    | 1490   | 0.16%  | 0.019% |
| 40 | 15.128 | 2044 | 2047 | 2050 | rVB5 | 1252   | 1490   | 0.16%  | 0.019% |
| 41 | 15.175 | 2050 | 2055 | 2056 | rBV5 | 996    | 1347   | 0.15%  | 0.017% |
| 42 | 15.228 | 2062 | 2064 | 2068 | rVB4 | 1587   | 1617   | 0.17%  | 0.021% |
| 43 | 15.363 | 2081 | 2087 | 2102 | rVB  | 420851 | 612379 | 66.22% | 7.923% |
| 44 | 15.487 | 2102 | 2108 | 2120 | rBV  | 167726 | 235883 | 25.51% | 3.052% |
| 45 | 15.604 | 2124 | 2128 | 2135 | rVV2 | 4715   | 7504   | 0.81%  | 0.097% |
| 46 | 16.004 | 2191 | 2196 | 2197 | rBV4 | 581    | 946    | 0.10%  | 0.012% |
| 47 | 16.051 | 2201 | 2204 | 2207 | rVV4 | 1658   | 2304   | 0.25%  | 0.030% |
| 48 | 16.092 | 2207 | 2211 | 2213 | rVV5 | 1090   | 1715   | 0.19%  | 0.022% |
| 49 | 16.151 | 2217 | 2221 | 2222 | rVV4 | 1513   | 1943   | 0.21%  | 0.025% |
| 50 | 16.186 | 2225 | 2227 | 2232 | rVB6 | 686    | 990    | 0.11%  | 0.013% |
| 51 | 16.357 | 2252 | 2256 | 2261 | rBV6 | 2431   | 3379   | 0.37%  | 0.044% |
| 52 | 16.675 | 2306 | 2310 | 2313 | rVB5 | 896    | 1304   | 0.14%  | 0.017% |
| 53 | 16.904 | 2346 | 2349 | 2353 | rBV5 | 1262   | 1721   | 0.19%  | 0.022% |
| 54 | 16.939 | 2353 | 2355 | 2360 | rVB6 | 1150   | 1345   | 0.15%  | 0.017% |
| 55 | 17.128 | 2380 | 2387 | 2396 | rBV  | 287653 | 414210 | 44.79% | 5.359% |
| 56 | 17.228 | 2396 | 2404 | 2416 | rVV2 | 510911 | 752541 | 81.37% | 9.737% |
| 57 | 17.328 | 2419 | 2421 | 2426 | rVB5 | 1929   | 2073   | 0.22%  | 0.027% |
| 58 | 17.428 | 2434 | 2438 | 2440 | rBV5 | 770    | 1155   | 0.12%  | 0.015% |
| 59 | 17.510 | 2448 | 2452 | 2455 | rBV5 | 837    | 951    | 0.10%  | 0.012% |
| 60 | 17.804 | 2499 | 2502 | 2506 | rVB5 | 1114   | 1415   | 0.15%  | 0.018% |
| 61 | 17.857 | 2506 | 2511 | 2514 | rBB7 | 908    | 1121   | 0.12%  | 0.015% |
| 62 | 17.922 | 2516 | 2522 | 2525 | rBV7 | 1491   | 2478   | 0.27%  | 0.032% |
| 63 | 17.981 | 2530 | 2532 | 2534 | rVB2 | 1060   | 1029   | 0.11%  | 0.013% |
| 64 | 18.022 | 2534 | 2539 | 2545 | rBV3 | 15287  | 22758  | 2.46%  | 0.294% |
| 65 | 18.098 | 2550 | 2552 | 2555 | rVB2 | 1168   | 1086   | 0.12%  | 0.014% |
| 66 | 18.216 | 2571 | 2572 | 2576 | rVB4 | 915    | 927    | 0.10%  | 0.012% |
| 67 | 18.416 | 2604 | 2606 | 2608 | rVB3 | 1440   | 1186   | 0.13%  | 0.015% |
| 68 | 18.498 | 2618 | 2620 | 2622 | rBV3 | 1284   | 1515   | 0.16%  | 0.020% |
| 69 | 18.757 | 2661 | 2664 | 2668 | rVB4 | 6201   | 7420   | 0.80%  | 0.096% |
| 70 | 18.845 | 2676 | 2679 | 2681 | rBV4 | 1942   | 2373   | 0.26%  | 0.031% |
| 71 | 19.116 | 2721 | 2725 | 2731 | rBV2 | 7210   | 10676  | 1.15%  | 0.138% |

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Integrator: RTE  
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 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 >  
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Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP032921MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 72 | 19.263 | 2745 | 2750 | 2753 | rBV5 | 4703   | 7118   | 0.77%   | 0.092%  |
| 73 | 19.328 | 2759 | 2761 | 2763 | rBV3 | 1615   | 1198   | 0.13%   | 0.016%  |
| 74 | 19.363 | 2763 | 2767 | 2769 | rBV  | 6545   | 7368   | 0.80%   | 0.095%  |
| 75 | 19.469 | 2779 | 2785 | 2792 | rBV  | 658090 | 878124 | 94.95%  | 11.361% |
| 76 | 19.716 | 2825 | 2827 | 2830 | rBV3 | 1400   | 1192   | 0.13%   | 0.015%  |
| 77 | 20.939 | 3031 | 3035 | 3043 | rBV4 | 31156  | 57940  | 6.27%   | 0.750%  |
| 78 | 21.222 | 3077 | 3083 | 3091 | rBV  | 376329 | 476330 | 51.51%  | 6.163%  |
| 79 | 23.357 | 3439 | 3446 | 3458 | rVB  | 464481 | 924800 | 100.00% | 11.965% |
| 80 | 23.504 | 3465 | 3471 | 3481 | rVB2 | 242744 | 468969 | 50.71%  | 6.068%  |

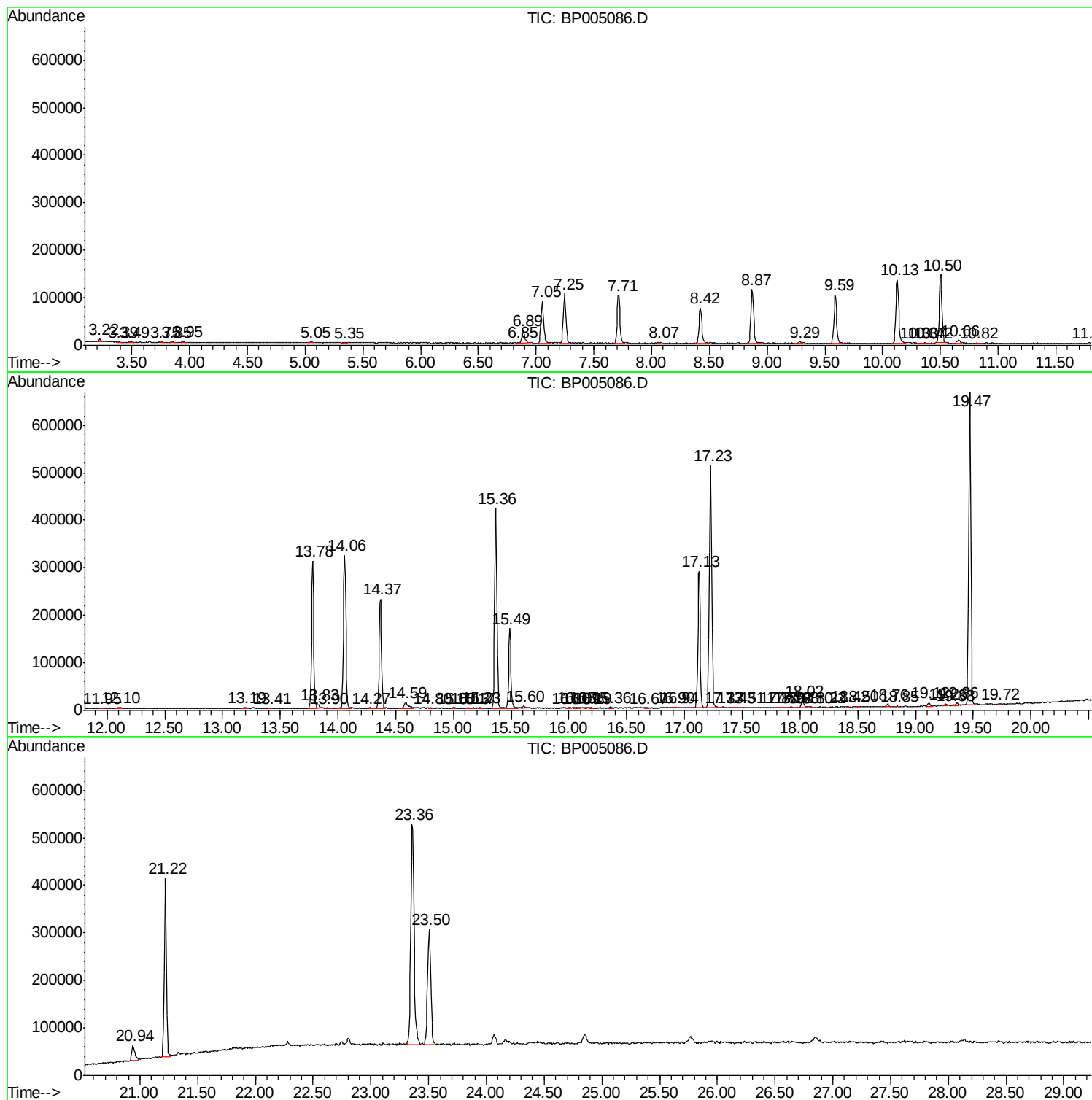
Sum of corrected areas: 7729003

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ClientSampled :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP032921MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

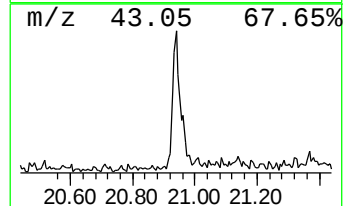
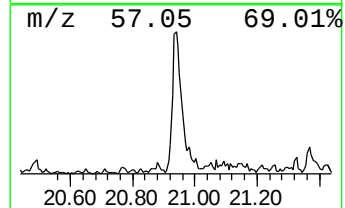
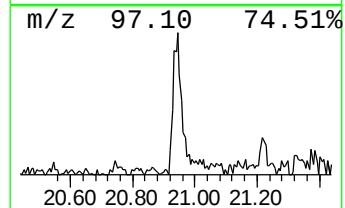
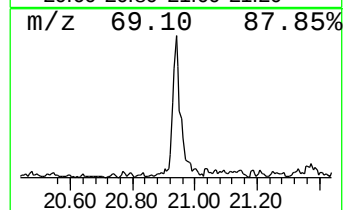
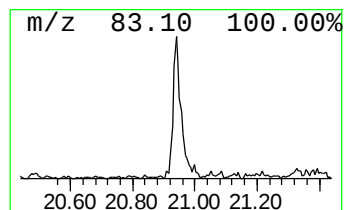
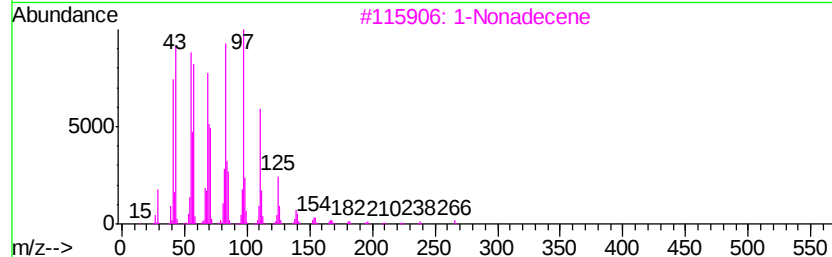
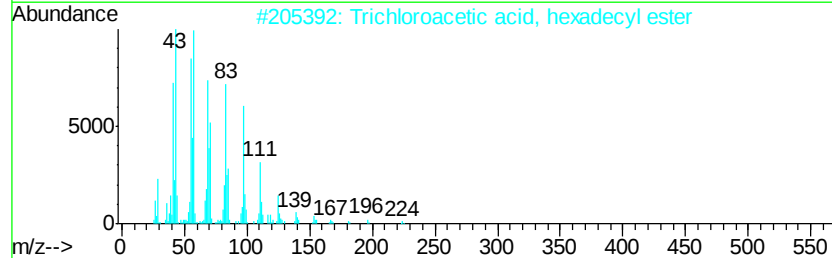
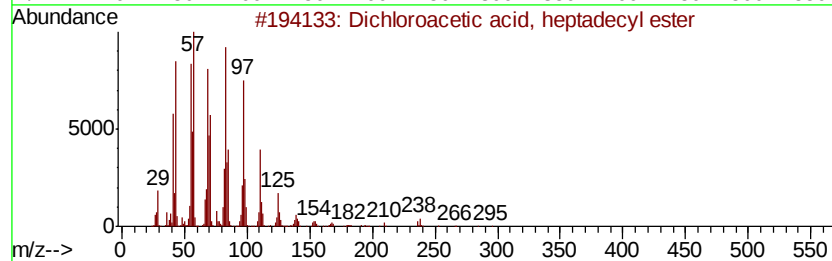
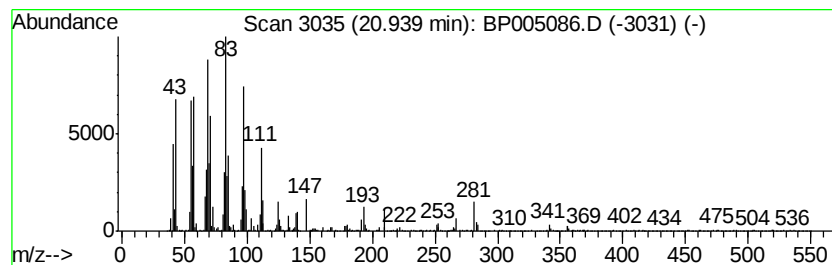
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Dichloroacetic acid, heptad... Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 20.94 | 2.43 ng/ul | 57940 | Chrysene-d12     | 21.22 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|-------------------------------------|-----|-------------|--------------|------|
| 1    | 5  | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 91   |
| 2    |    | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1  | 90   |
| 3    |    | 1-Nonadecene                        | 266 | C19H38      | 018435-45-5  | 89   |
| 4    |    | Heptadecyl heptafluorobutyrte       | 452 | C21H35F7O2  | 959085-66-6  | 87   |
| 5    |    | Fumaric acid, pentadecyl pentafl... | 492 | C25H33F5O4  | 1000348-10-7 | 76   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Dichloroacetic ac... | 20.94 | 2.4     | ng/ul | 57940    | 5                     | 21.22 | 476330 | 20.0 |