

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\  
 Data File : BG047574.D  
 Acq On : 4 Dec 2020 17:15  
 Operator : CG/JU  
 Sample : L4859-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0BD0

## 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\_G\METHODS\SOM-EPA-BG111920MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| 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         | 3.585       | 38            | 42          | 45           | rBV3     | 2995           | 4485          | 0.76%           | 0.084%        |
| 2         | 3.796       | 77            | 78          | 81           | rBV2     | 2398           | 2104          | 0.35%           | 0.040%        |
| 3         | 3.861       | 88            | 89          | 92           | rVB      | 1833           | 1465          | 0.25%           | 0.028%        |
| 4         | 3.961       | 104           | 106         | 109          | rVB2     | 2712           | 1986          | 0.33%           | 0.037%        |
| 5         | 4.014       | 112           | 115         | 118          | rBV2     | 2254           | 2269          | 0.38%           | 0.043%        |
| 6         | 4.578       | 207           | 211         | 212          | rVB3     | 2517           | 2503          | 0.42%           | 0.047%        |
| 7         | 5.295       | 331           | 333         | 338          | rVB      | 2231           | 2847          | 0.48%           | 0.054%        |
| 8         | 5.459       | 359           | 361         | 364          | rVB      | 1917           | 1933          | 0.33%           | 0.036%        |
| 9         | 5.565       | 373           | 379         | 380          | rBV      | 1646           | 2590          | 0.44%           | 0.049%        |
| 10        | 5.600       | 384           | 385         | 389          | rBV      | 1938           | 1768          | 0.30%           | 0.033%        |
| 11        | 5.694       | 399           | 401         | 402          | rBV      | 2275           | 1444          | 0.24%           | 0.027%        |
| 12        | 5.776       | 413           | 415         | 418          | rVB      | 2040           | 1402          | 0.24%           | 0.026%        |
| 13        | 6.047       | 459           | 461         | 465          | rVB      | 2373           | 2945          | 0.50%           | 0.055%        |
| 14        | 6.117       | 471           | 473         | 475          | rBV      | 1480           | 1681          | 0.28%           | 0.032%        |
| 15        | 6.141       | 475           | 477         | 478          | rVB      | 2547           | 1562          | 0.26%           | 0.029%        |
| 16        | 6.170       | 480           | 482         | 484          | rBV      | 1847           | 1737          | 0.29%           | 0.033%        |
| 17        | 6.388       | 518           | 519         | 523          | rBV      | 1687           | 1969          | 0.33%           | 0.037%        |
| 18        | 6.734       | 575           | 578         | 579          | rVB      | 1508           | 1453          | 0.25%           | 0.027%        |
| 19        | 6.758       | 579           | 582         | 584          | rVV      | 2237           | 2367          | 0.40%           | 0.044%        |
| 20        | 6.781       | 584           | 586         | 592          | rVB      | 1703           | 2987          | 0.50%           | 0.056%        |
| 21        | 7.234       | 661           | 663         | 666          | rVB      | 1967           | 1733          | 0.29%           | 0.033%        |
| 22        | 7.386       | 682           | 689         | 699          | rBV4     | 62100          | 141987        | 23.95%          | 2.668%        |
| 23        | 7.563       | 713           | 719         | 728          | rBV      | 38439          | 65037         | 10.97%          | 1.222%        |
| 24        | 7.780       | 749           | 756         | 764          | rVB2     | 60913          | 113579        | 19.16%          | 2.135%        |
| 25        | 8.009       | 791           | 795         | 798          | rBV2     | 2217           | 2759          | 0.47%           | 0.052%        |
| 26        | 8.250       | 829           | 836         | 844          | rBV2     | 111671         | 188005        | 31.71%          | 3.533%        |
| 27        | 8.385       | 856           | 859         | 862          | rVB2     | 1098           | 1442          | 0.24%           | 0.027%        |
| 28        | 8.456       | 869           | 871         | 876          | rBV2     | 1937           | 2866          | 0.48%           | 0.054%        |
| 29        | 8.826       | 932           | 934         | 939          | rVB2     | 1257           | 1593          | 0.27%           | 0.030%        |
| 30        | 8.943       | 943           | 954         | 962          | rBV2     | 62175          | 117203        | 19.77%          | 2.203%        |
| 31        | 9.084       | 975           | 978         | 981          | rVB2     | 2008           | 2207          | 0.37%           | 0.041%        |
| 32        | 9.419       | 1029          | 1035        | 1042         | rVB      | 68594          | 120004        | 20.24%          | 2.255%        |
| 33        | 9.719       | 1081          | 1086        | 1087         | rBV      | 1717           | 2085          | 0.35%           | 0.039%        |
| 34        | 9.825       | 1101          | 1104        | 1107         | rBV2     | 2489           | 2999          | 0.51%           | 0.056%        |

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 9.854  | 1107 | 1109 | 1113 | rVB2 | 1520   | 1627   | 0.27%  | 0.031% |
| 36 | 10.048 | 1138 | 1142 | 1143 | rBV2 | 995    | 1476   | 0.25%  | 0.028% |
| 37 | 10.142 | 1153 | 1158 | 1165 | rVB2 | 67477  | 120059 | 20.25% | 2.256% |
| 38 | 10.259 | 1176 | 1178 | 1181 | rVB2 | 2254   | 1512   | 0.26%  | 0.028% |
| 39 | 10.365 | 1192 | 1196 | 1197 | rVB2 | 1567   | 1455   | 0.25%  | 0.027% |
| 40 | 10.588 | 1231 | 1234 | 1235 | rBV2 | 1655   | 1502   | 0.25%  | 0.028% |
| 41 | 10.682 | 1244 | 1250 | 1257 | rBV2 | 81540  | 148533 | 25.05% | 2.791% |
| 42 | 10.847 | 1276 | 1278 | 1281 | rVB2 | 2106   | 2236   | 0.38%  | 0.042% |
| 43 | 10.882 | 1281 | 1284 | 1285 | rBV2 | 1547   | 1594   | 0.27%  | 0.030% |
| 44 | 11.082 | 1309 | 1318 | 1326 | rBV  | 136999 | 248662 | 41.94% | 4.673% |
| 45 | 11.135 | 1326 | 1327 | 1330 | rVB  | 1871   | 1427   | 0.24%  | 0.027% |
| 46 | 11.200 | 1330 | 1338 | 1347 | rBV3 | 71313  | 130169 | 21.96% | 2.446% |
| 47 | 11.840 | 1444 | 1447 | 1450 | rBV3 | 1430   | 1745   | 0.29%  | 0.033% |
| 48 | 12.569 | 1567 | 1571 | 1574 | rBV3 | 2141   | 3606   | 0.61%  | 0.068% |
| 49 | 12.757 | 1601 | 1603 | 1606 | rVB3 | 1475   | 1768   | 0.30%  | 0.033% |
| 50 | 12.786 | 1606 | 1608 | 1610 | rBV3 | 1526   | 1541   | 0.26%  | 0.029% |
| 51 | 12.921 | 1629 | 1631 | 1634 | rVB3 | 1302   | 1551   | 0.26%  | 0.029% |
| 52 | 13.080 | 1655 | 1658 | 1659 | rVB3 | 1788   | 1504   | 0.25%  | 0.028% |
| 53 | 13.097 | 1659 | 1661 | 1663 | rVB3 | 1801   | 1558   | 0.26%  | 0.029% |
| 54 | 13.115 | 1663 | 1664 | 1668 | rBV3 | 2185   | 1971   | 0.33%  | 0.037% |
| 55 | 13.250 | 1685 | 1687 | 1690 | rVB3 | 1557   | 1439   | 0.24%  | 0.027% |
| 56 | 13.415 | 1714 | 1715 | 1718 | rBV3 | 1830   | 1503   | 0.25%  | 0.028% |
| 57 | 13.644 | 1752 | 1754 | 1756 | rBV3 | 1714   | 1651   | 0.28%  | 0.031% |
| 58 | 13.744 | 1768 | 1771 | 1772 | rBV  | 3823   | 3304   | 0.56%  | 0.062% |
| 59 | 14.084 | 1828 | 1829 | 1831 | rBV  | 2069   | 1432   | 0.24%  | 0.027% |
| 60 | 14.255 | 1850 | 1858 | 1862 | rBV  | 180567 | 261036 | 44.03% | 4.906% |
| 61 | 14.302 | 1862 | 1866 | 1872 | rVB  | 64926  | 90547  | 15.27% | 1.702% |
| 62 | 14.390 | 1879 | 1881 | 1888 | rVB  | 2047   | 2046   | 0.35%  | 0.038% |
| 63 | 14.560 | 1904 | 1910 | 1917 | rBV  | 168198 | 261247 | 44.07% | 4.910% |
| 64 | 14.666 | 1925 | 1928 | 1930 | rBV  | 2445   | 1681   | 0.28%  | 0.032% |
| 65 | 14.737 | 1935 | 1940 | 1942 | rBV  | 1310   | 1651   | 0.28%  | 0.031% |
| 66 | 14.866 | 1955 | 1962 | 1968 | rBV  | 236275 | 368372 | 62.14% | 6.923% |
| 67 | 15.030 | 1984 | 1990 | 1998 | rBV2 | 66921  | 124507 | 21.00% | 2.340% |
| 68 | 15.254 | 2025 | 2028 | 2033 | rVB2 | 9239   | 9103   | 1.54%  | 0.171% |
| 69 | 15.412 | 2054 | 2055 | 2057 | rBV2 | 2259   | 1568   | 0.26%  | 0.029% |
| 70 | 15.635 | 2091 | 2093 | 2097 | rBV2 | 2574   | 2199   | 0.37%  | 0.041% |
| 71 | 15.735 | 2109 | 2110 | 2113 | rBV  | 1587   | 1460   | 0.25%  | 0.027% |

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Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 72 | 15.847 | 2123 | 2129 | 2136 | rBV  | 226631 | 352336 | 59.43%  | 6.622%  |
| 73 | 15.900 | 2136 | 2138 | 2142 | rBV  | 2175   | 1646   | 0.28%   | 0.031%  |
| 74 | 15.953 | 2142 | 2147 | 2155 | rBV  | 82097  | 125559 | 21.18%  | 2.360%  |
| 75 | 16.147 | 2178 | 2180 | 2181 | rVB  | 2186   | 1400   | 0.24%   | 0.026%  |
| 76 | 16.511 | 2240 | 2242 | 2244 | rBV  | 2166   | 2250   | 0.38%   | 0.042%  |
| 77 | 16.828 | 2295 | 2296 | 2299 | rBV  | 1785   | 1810   | 0.31%   | 0.034%  |
| 78 | 17.122 | 2344 | 2346 | 2350 | rBV2 | 4790   | 4989   | 0.84%   | 0.094%  |
| 79 | 17.598 | 2421 | 2427 | 2432 | rBV  | 317610 | 508862 | 85.83%  | 9.563%  |
| 80 | 17.698 | 2438 | 2444 | 2455 | rVB2 | 259299 | 393635 | 66.40%  | 7.398%  |
| 81 | 17.856 | 2469 | 2471 | 2474 | rVB2 | 3274   | 3055   | 0.52%   | 0.057%  |
| 82 | 17.956 | 2485 | 2488 | 2491 | rBV2 | 2153   | 2753   | 0.46%   | 0.052%  |
| 83 | 18.103 | 2511 | 2513 | 2515 | rBV  | 1625   | 1405   | 0.24%   | 0.026%  |
| 84 | 18.138 | 2517 | 2519 | 2521 | rBV2 | 2166   | 1737   | 0.29%   | 0.033%  |
| 85 | 18.180 | 2525 | 2526 | 2529 | rBV2 | 2932   | 2567   | 0.43%   | 0.048%  |
| 86 | 18.303 | 2545 | 2547 | 2548 | rBV  | 3471   | 2027   | 0.34%   | 0.038%  |
| 87 | 19.631 | 2769 | 2773 | 2781 | rVB  | 66519  | 103577 | 17.47%  | 1.947%  |
| 88 | 19.966 | 2824 | 2830 | 2840 | rVB2 | 355167 | 592845 | 100.00% | 11.142% |
| 89 | 21.487 | 3085 | 3089 | 3095 | rBV4 | 64264  | 100671 | 16.98%  | 1.892%  |
| 90 | 21.875 | 3150 | 3155 | 3161 | rBV2 | 303768 | 500680 | 84.45%  | 9.409%  |

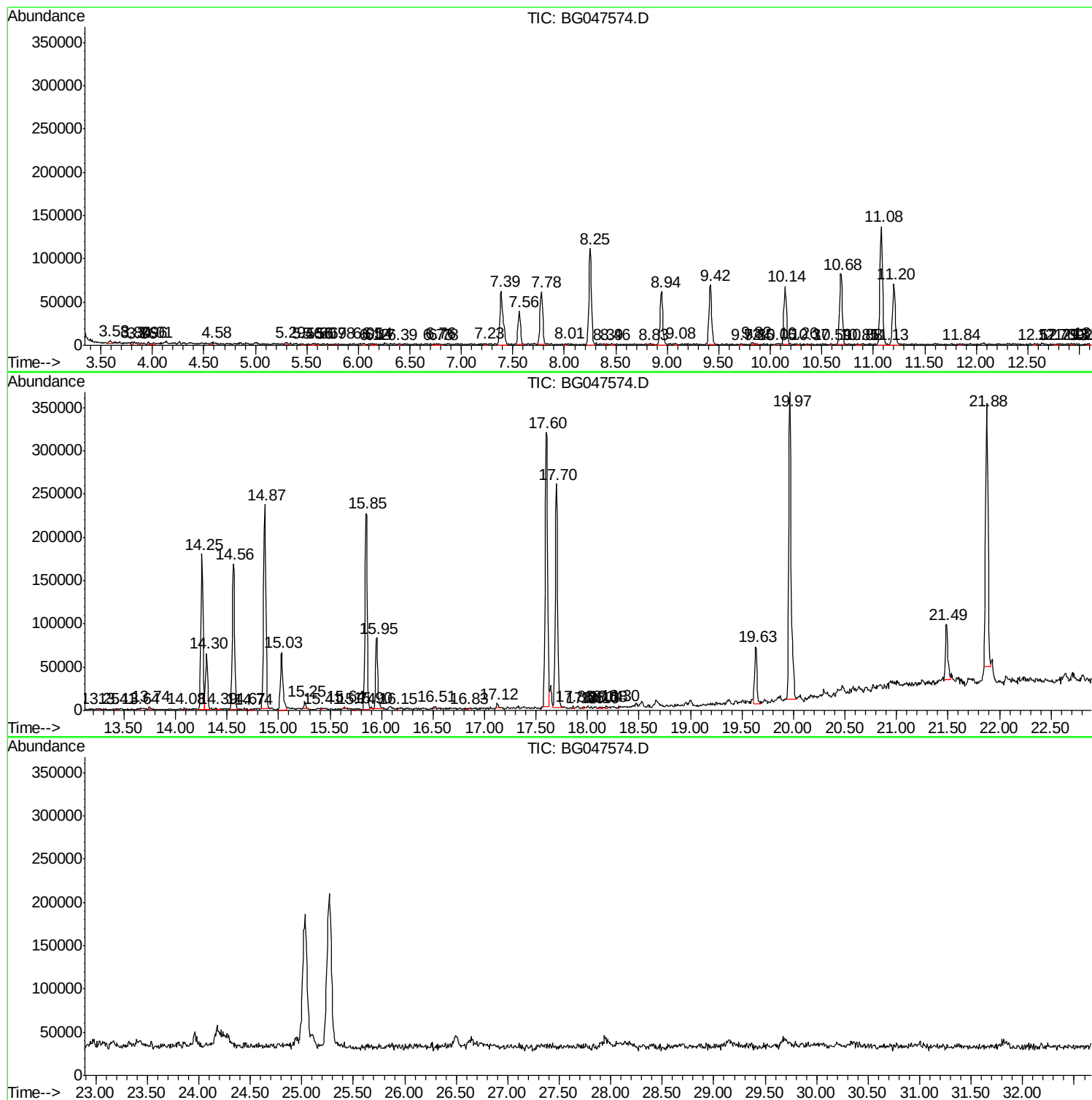
Sum of corrected areas: 5321042

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
Quant Title : SVOA CALIBRATION

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



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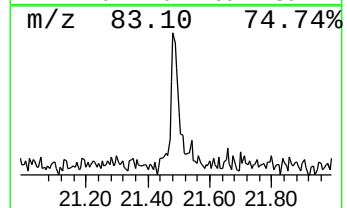
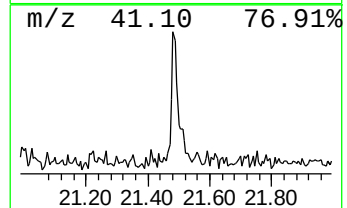
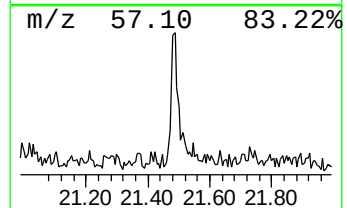
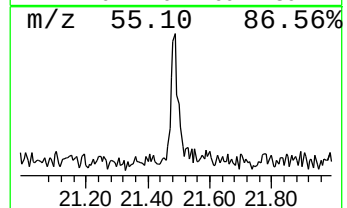
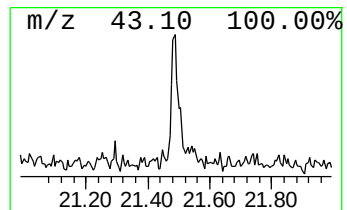
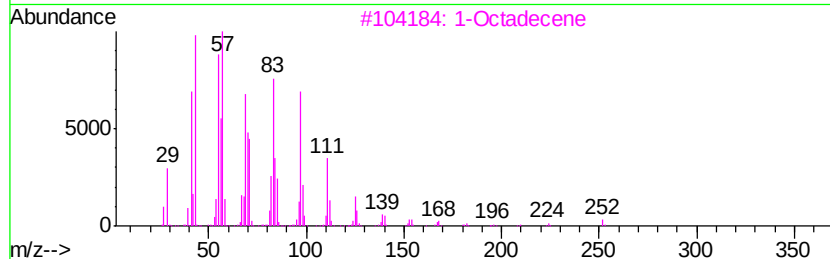
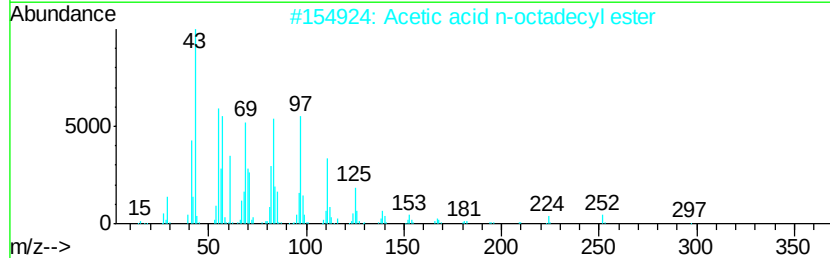
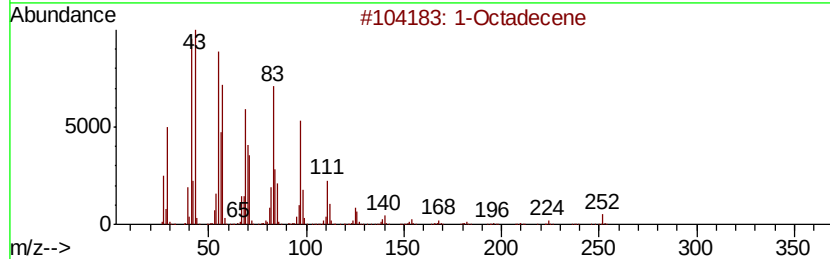
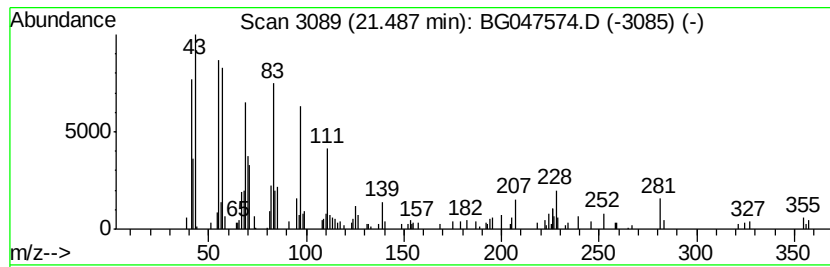
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TIC Library : C:\DATABASE\NIST11.L  
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.      | EstConc                       | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------|--------|------------------|-------------|------|
| 21.49     | 4.02 ng/ul                    | 100671 | Chrysene-d12     | 21.88       |      |
| Hit# of 5 | Tentative ID                  | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Octadecene                  | 252    | C18H36           | 000112-88-9 | 78   |
| 2         | Acetic acid n-octadecyl ester | 312    | C20H40O2         | 000822-23-1 | 68   |
| 3         | 1-Octadecene                  | 252    | C18H36           | 000112-88-9 | 62   |
| 4         | Cetene                        | 224    | C16H32           | 000629-73-2 | 60   |
| 5         | 3-Hexadecene, (Z)-            | 224    | C16H32           | 034303-81-6 | 60   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| (DEL) Alkane: Str... | 21.49 | 4.0     | ng/ul | 100671   | 5                     | 21.88 | 500680 | 20.0 |