LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

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_G\METHODS\SOM-EPA-BG072320MA.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 | 3.164 | 9 | 13 | 21 | rVB | 957438 | 1351827 | 36.86% | 3.299% |
| 2 | 3.311 | 35 | 38 | 51 | rVB | 27255 | 48851 | 1.33% | 0.119% |
| 3 | 3.458 | 58 | 63 | 77 | rVB | 1188102 | 1702401 | 46.42% | 4.155% |
| 4 | 3.558 | 77 | 80 | 86 | rVB5 | 10782 | 15817 | 0.43% | 0.039% |
| 5 | 3.763 | 111 | 115 | 120 | rVV2 | 21626 | 32348 | 0.88% | 0.079% |
| 6 | 3.816 | 120 | 124 | 130 | rVV2 | 18898 | 29505 | 0.80% | 0.072% |
| 7 | 3.881 | 130 | 135 | 149 | rVB | 138500 | 205956 | 5.62% | 0.503% |
| 8 | 4.039 | 157 | 162 | 164 | rBV5 | 13058 | 19477 | 0.53% | 0.048% |
| 9 | 4.133 | 174 | 178 | 188 | rVB | 41297 | 70223 | 1.91% | 0.171% |
| 10 | 4.251 | 195 | 198 | 202 | rBV5 | 5357 | 8211 | 0.22% | 0.020% |
| 11 | 4.298 | 202 | 206 | 211 | rVV | 25663 | 37530 | 1.02% | 0.092% |
| 12 | 4.421 | 221 | 227 | 234 | rBV | 297355 | 416245 | 11.35% | 1.016% |
| 13 | 4.486 | 234 | 238 | 244 | rVB | 42700 | 62086 | 1.69% | 0.152% |
| 14 | 4.598 | 251 | 257 | 264 | rBV | 408072 | 591168 | 16.12% | 1.443% |
| 15 | 4.662 | 264 | 268 | 274 | rVB | 23244 | 36316 | 0.99% | 0.089% |
| 16 | 5.050 | 325 | 334 | 344 | rVB | 481026 | 698491 | 19.05% | 1.705% |
| 17 | 5.132 | 344 | 348 | 352 | rBV3 | 9530 | 13038 | 0.36% | 0.032% |
| 18 | 5.544 | 413 | 418 | 423 | rVB | 22142 | 32064 | 0.87% | 0.078% |
| 19 | 5.620 | 426 | 431 | 436 | rBV2 | 12067 | 19491 | 0.53% | 0.048% |
| 20 | 5.802 | 457 | 462 | 468 | rVB3 | 8060 | 13819 | 0.38% | 0.034% |
| 21 | 5.908 | 474 | 480 | 489 | rBV | 67498 | 100501 | 2.74% | 0.245% |
| 22 | 7.118 | 678 | 686 | 694 | rBV | 113239 | 204523 | 5.58% | 0.499% |
| 23 | 7.277 | 706 | 713 | 723 | rBV | 341476 | 568145 | 15.49% | 1.387% |
| 24 | 7.488 | 741 | 749 | 756 | rBV | 372743 | 640590 | 17.47% | 1.563% |
| 25 | 7.953 | 819 | 828 | 836 | rBV | 389584 | 646404 | 17.63% | 1.578% |
| 26 | 8.023 | 836 | 840 | 846 | rVB3 | 10232 | 18131 | 0.49% | 0.044% |
| 27 | 8.652 | 938 | 947 | 954 | rBV | 328314 | 554149 | 15.11% | 1.353% |
| 28 | 8.705 | 954 | 956 | 961 | rVV2 | 11065 | 20482 | 0.56% | 0.050% |
| 29 | 8.769 | 963 | 967 | 976 | rVB3 | 11280 | 22015 | 0.60% | 0.054% |
| 30 | 9.104 | 1014 | 1024 | 1033 | rBV | 403437 | 714401 | 19.48% | 1.744% |
| 31 | 9.275 | 1049 | 1053 | 1060 | rBV7 | 5038 | 10685 | 0.29% | 0.026% |
| 32 | 9.345 | 1060 | 1065 | 1072 | rVB3 | 14878 | 27006 | 0.74% | 0.066% |
| 33 | 9.827 | 1139 | 1147 | 1161 | rBV | 343972 | 598605 | 16.32% | 1.461% |
| 34 | 10.367 | 1231 | 1239 | 1250 | rBV | 556510 | 979044 | 26.70% | 2.390% |

LSC Area Percent Report

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Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

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_G\METHODS\SOM-EPA-BG072320MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 10.749 | 1296 | 1304 | 1311 | rVV | 544547 | 941582 | 25.68% | 2.298% |
| 36 | 10.873 | 1317 | 1325 | 1337 | rBV | 469789 | 876891 | 23.91% | 2.140% |
| 37 | 10.967 | 1337 | 1341 | 1348 | rVB2 | 12597 | 19721 | 0.54% | 0.048% |
| 38 | 11.290 | 1391 | 1396 | 1402 | rBV2 | 6703 | 12141 | 0.33% | 0.030% |
| 39 | 11.354 | 1402 | 1407 | 1415 | rBV2 | 8345 | 16859 | 0.46% | 0.041% |
| 40 | 11.595 | 1440 | 1448 | 1450 | rBV6 | 4021 | 9153 | 0.25% | 0.022% |
| 41 | 12.136 | 1535 | 1540 | 1545 | rBV6 | 4211 | 8171 | 0.22% | 0.020% |
| 42 | 12.236 | 1552 | 1557 | 1560 | rBV5 | 4957 | 9072 | 0.25% | 0.022% |
| 43 | 12.330 | 1568 | 1573 | 1579 | rVB4 | 9159 | 16460 | 0.45% | 0.040% |
| 44 | 12.553 | 1605 | 1611 | 1616 | rBV3 | 20676 | 47571 | 1.30% | 0.116% |
| 45 | 13.193 | 1716 | 1720 | 1726 | rBV3 | 7277 | 9470 | 0.26% | 0.023% |
| 46 | 13.423 | 1754 | 1759 | 1764 | rVB5 | 7203 | 9729 | 0.27% | 0.024% |
| 47 | 13.481 | 1764 | 1769 | 1773 | rBV4 | 8001 | 12174 | 0.33% | 0.030% |
| 48 | 13.981 | 1847 | 1854 | 1858 | rBV | 1091105 | 1536819 | 41.91% | 3.751% |
| 49 | 14.028 | 1858 | 1862 | 1873 | rVB | 576341 | 819916 | 22.36% | 2.001% |
| 50 | 14.269 | 1892 | 1903 | 1914 | rBV | 1265333 | 1959415 | 53.43% | 4.782% |
| 51 | 14.574 | 1949 | 1955 | 1966 | rBV | 875611 | 1401314 | 38.21% | 3.420% |
| 52 | 14.768 | 1982 | 1988 | 1990 | rBV | 81235 | 135006 | 3.68% | 0.330% |
| 53 | 14.792 | 1990 | 1992 | 1998 | rVV | 93681 | 135851 | 3.70% | 0.332% |
| 54 | 14.839 | 1998 | 2000 | 2006 | rVB6 | 9419 | 13742 | 0.37% | 0.034% |
| 55 | 15.009 | 2025 | 2029 | 2033 | rBV6 | 5713 | 9127 | 0.25% | 0.022% |
| 56 | 15.344 | 2080 | 2086 | 2089 | rVV3 | 10427 | 17388 | 0.47% | 0.042% |
| 57 | 15.391 | 2089 | 2094 | 2099 | rVV4 | 7927 | 12862 | 0.35% | 0.031% |
| 58 | 15.567 | 2118 | 2124 | 2137 | rBV | 1659185 | 2498375 | 68.13% | 6.098% |
| 59 | 15.679 | 2137 | 2143 | 2158 | rBV | 367176 | 566842 | 15.46% | 1.383% |
| 60 | 15.808 | 2161 | 2165 | 2170 | rVB2 | 20209 | 28926 | 0.79% | 0.071% |
| 61 | 16.302 | 2246 | 2249 | 2252 | rVV2 | 12871 | 16264 | 0.44% | 0.040% |
| 62 | 16.354 | 2252 | 2258 | 2263 | rVB7 | 9669 | 17499 | 0.48% | 0.043% |
| 63 | 16.572 | 2289 | 2295 | 2299 | rBV2 | 11344 | 14648 | 0.40% | 0.036% |
| 64 | 17.095 | 2378 | 2384 | 2390 | rVV2 | 32959 | 50255 | 1.37% | 0.123% |
| 65 | 17.148 | 2390 | 2393 | 2403 | rVB7 | 7000 | 12224 | 0.33% | 0.030% |
| 66 | 17.318 | 2415 | 2422 | 2432 | rBV | 1138369 | 1704883 | 46.49% | 4.161% |
| 67 | 17.418 | 2432 | 2439 | 2446 | rVV | 1874780 | 2843394 | 77.53% | 6.940% |
| 68 | 17.471 | 2446 | 2448 | 2453 | rVB4 | 14333 | 17319 | 0.47% | 0.042% |
| 69 | 17.571 | 2459 | 2465 | 2468 | rBV7 | 7322 | 13463 | 0.37% | 0.033% |
| 70 | 17.606 | 2468 | 2471 | 2479 | rVB | 13909 | 21274 | 0.58% | 0.052% |
| 71 | 17.829 | 2503 | 2509 | 2516 | rBV2 | 35135 | 52653 | 1.44% | 0.129% |

LSC Area Percent Report

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Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

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_G\METHODS\SOM-EPA-BG072320MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 17.994 | 2531 | 2537 | 2547 | rVB3 | 99629 | 141631 | 3.86% | 0.346% |
| 73 | 18.223 | 2571 | 2576 | 2584 | rBV | 203092 | 323019 | 8.81% | 0.788% |
| 74 | 18.523 | 2623 | 2627 | 2631 | rBV | 39934 | 46534 | 1.27% | 0.114% |
| 75 | 18.993 | 2700 | 2707 | 2711 | rBV2 | 20547 | 34551 | 0.94% | 0.084% |
| 76 | 19.081 | 2717 | 2722 | 2730 | rBV7 | 16581 | 34531 | 0.94% | 0.084% |
| 77 | 19.151 | 2730 | 2734 | 2738 | rVB | 38107 | 47352 | 1.29% | 0.116% |
| 78 | 19.298 | 2756 | 2759 | 2762 | rBV5 | 9025 | 9706 | 0.26% | 0.024% |
| 79 | 19.339 | 2762 | 2766 | 2769 | rVV | 27297 | 40271 | 1.10% | 0.098% |
| 80 | 19.492 | 2788 | 2792 | 2801 | rVV2 | 97192 | 168098 | 4.58% | 0.410% |
| 81 | 19.586 | 2805 | 2808 | 2814 | rVB2 | 26822 | 41143 | 1.12% | 0.100% |
| 82 | 19.698 | 2821 | 2827 | 2835 | rBV | 2287027 | 3493110 | 95.25% | 8.526% |
| 83 | 19.756 | 2835 | 2837 | 2841 | rVB3 | 18611 | 18883 | 0.51% | 0.046% |
| 84 | 19.933 | 2863 | 2867 | 2869 | rBV3 | 6721 | 8732 | 0.24% | 0.021% |
| 85 | 20.232 | 2914 | 2918 | 2925 | rBV2 | 161089 | 253554 | 6.91% | 0.619% |
| 86 | 20.602 | 2978 | 2981 | 2982 | rBV3 | 11139 | 12365 | 0.34% | 0.030% |
| 87 | 20.743 | 3002 | 3005 | 3009 | rVB | 72651 | 84265 | 2.30% | 0.206% |
| 88 | 21.237 | 3084 | 3089 | 3095 | rBV2 | 171038 | 299089 | 8.16% | 0.730% |
| 89 | 21.507 | 3132 | 3135 | 3138 | rBV4 | 12487 | 16715 | 0.46% | 0.041% |
| 90 | 21.560 | 3138 | 3144 | 3154 | rVV2 | 1216034 | 1935483 | 52.78% | 4.724% |
| 91 | 21.778 | 3177 | 3181 | 3188 | rVB | 127610 | 179895 | 4.91% | 0.439% |
| 92 | 22.371 | 3277 | 3282 | 3288 | rBV | 147185 | 255563 | 6.97% | 0.624% |
| 93 | 23.047 | 3391 | 3397 | 3405 | rVB | 143884 | 275074 | 7.50% | 0.671% |
| 94 | 23.599 | 3487 | 3491 | 3498 | rVB9 | 23988 | 51908 | 1.42% | 0.127% |
| 95 | 23.828 | 3523 | 3530 | 3538 | rVB | 146890 | 294917 | 8.04% | 0.720% |
| 96 | 24.457 | 3626 | 3637 | 3653 | rVB | 1346946 | 3667309 | 100.00% | 8.951% |
| 97 | 24.668 | 3663 | 3673 | 3681 | rBV2 | 749242 | 2042531 | 55.70% | 4.985% |
| 98 | 24.739 | 3681 | 3685 | 3695 | rVB | 137572 | 321414 | 8.76% | 0.784% |
| 99 | 25.832 | 3864 | 3871 | 3883 | rVB | 98172 | 279650 | 7.63% | 0.683% |
| 100 | 27.136 | 4086 | 4093 | 4107 | rVB3 | 58024 | 196665 | 5.36% | 0.480% |

Sum of corrected areas: 40971956

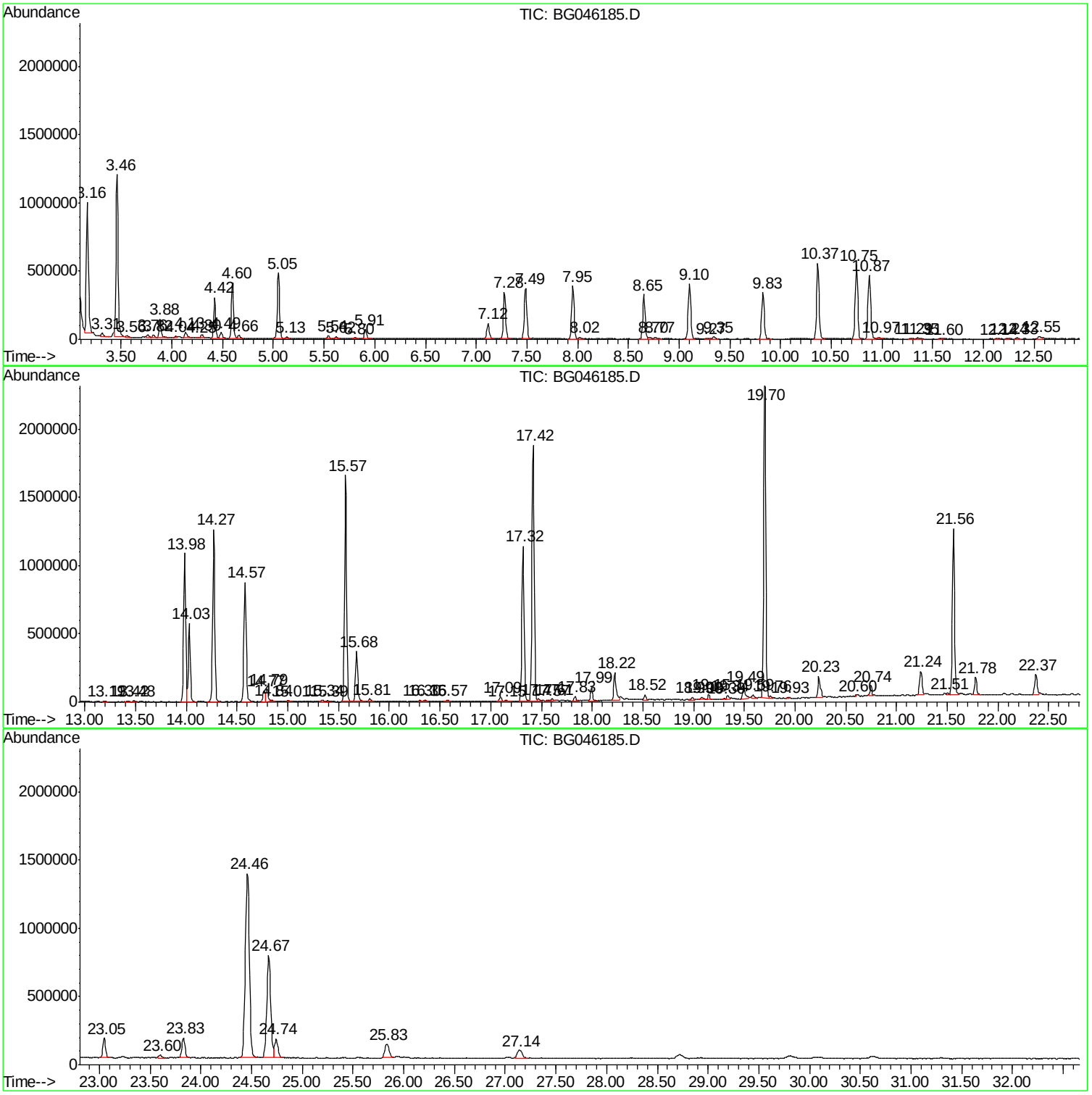
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

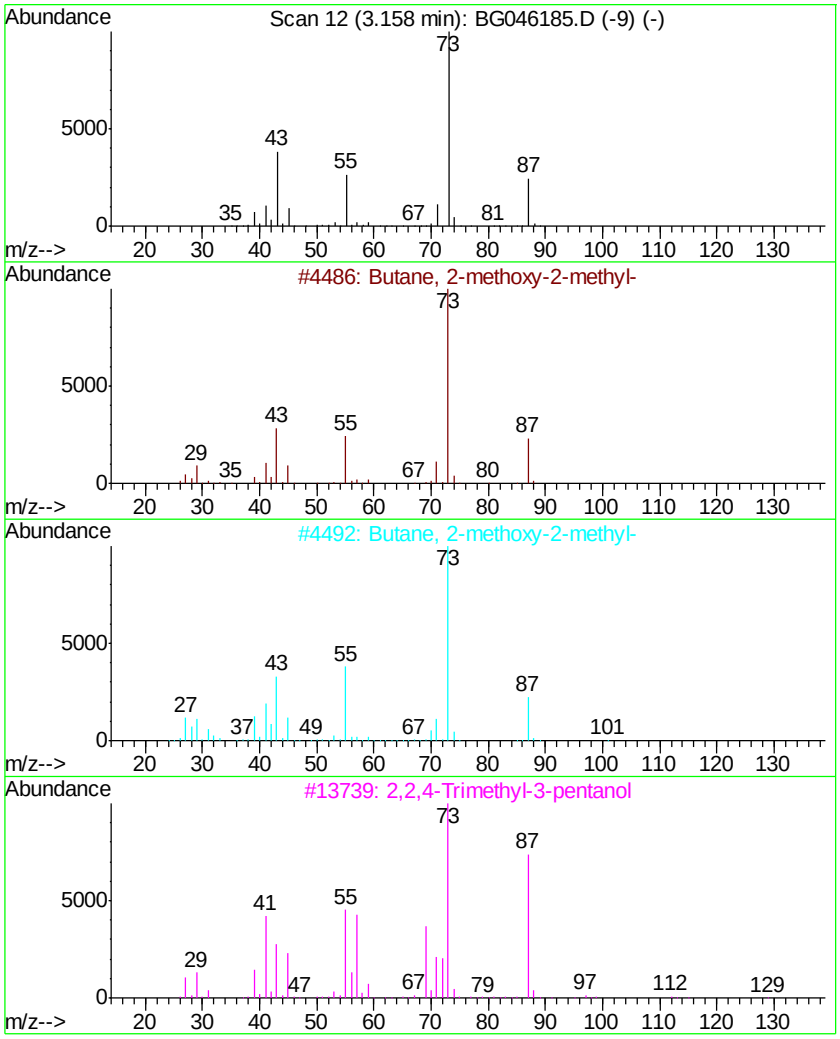
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

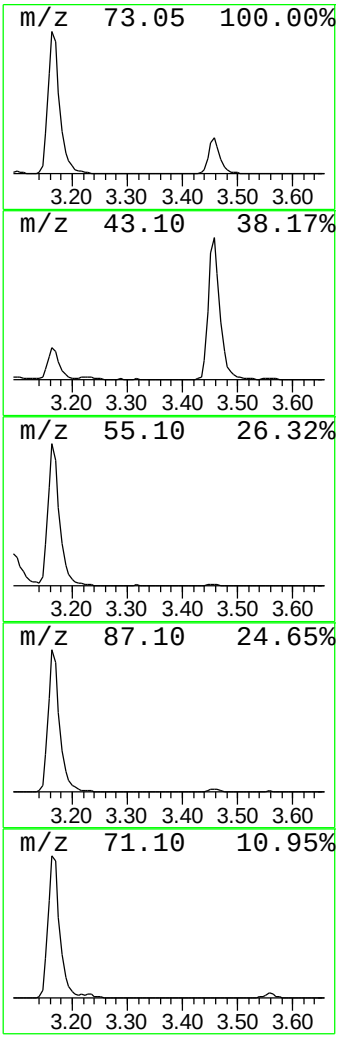
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.16 | 41.83 ng/ul | 1351830 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 74 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 37 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 17 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

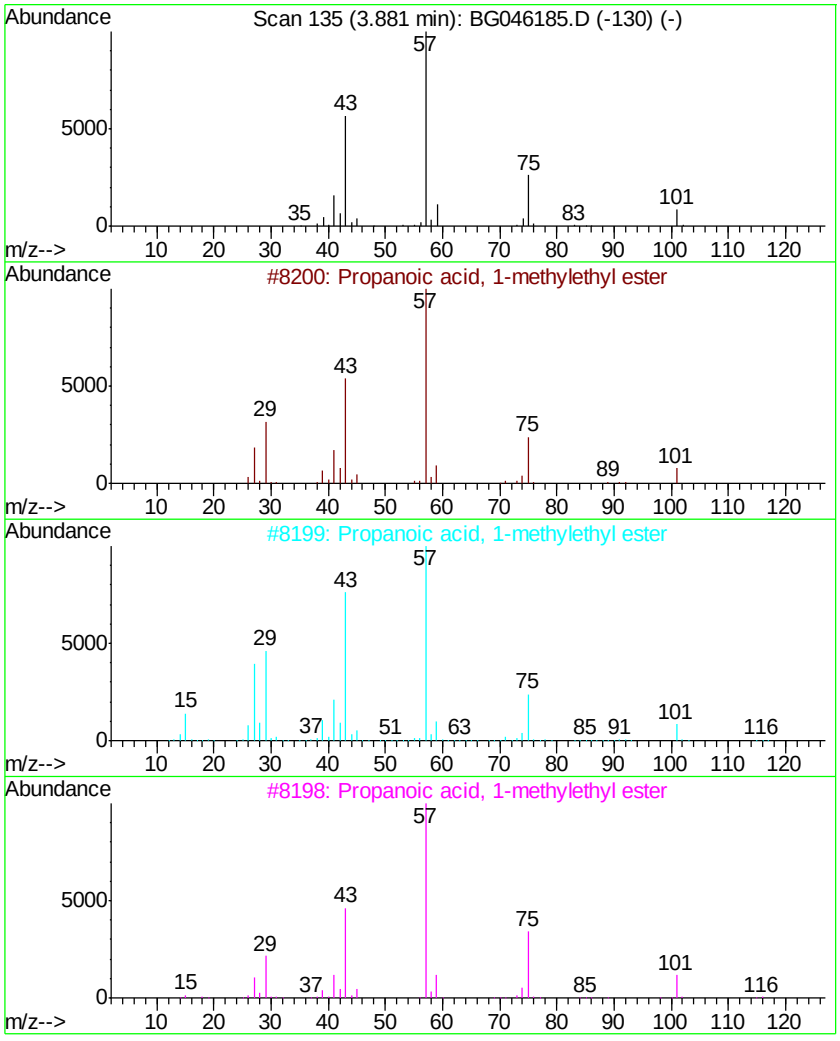
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

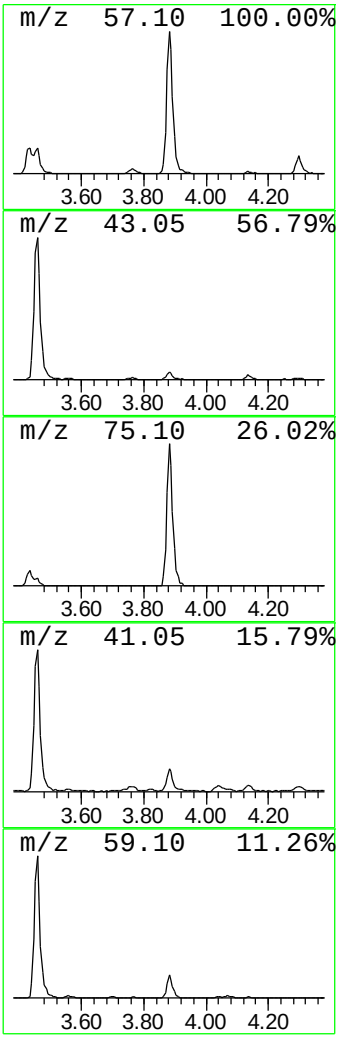
**********

Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.88 | 6.37 ng/ul | 205956 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 83 |
| 2 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 83 |
| 3 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 78 |
| 4 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 45 |
| 5 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 36 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

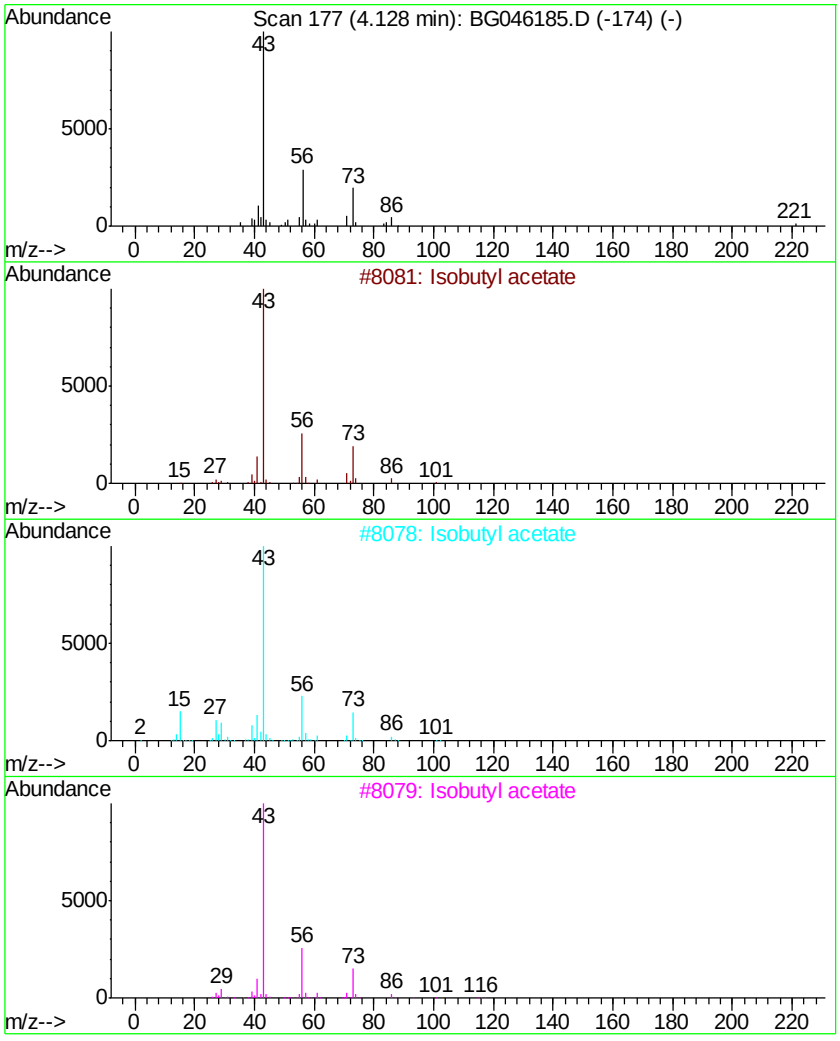
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

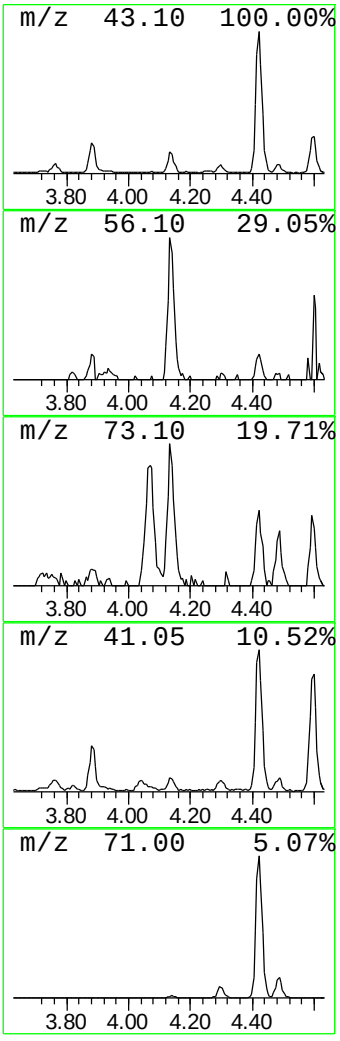
**********

Peak Number 3 Isobutyl acetate Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.13 | 2.17 ng/ul | 70223 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 78 |
| 2 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 56 |
| 3 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 56 |
| 4 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 40 |
| 5 | Acetic acid, butyl ester | 116 | C6H12O2 | 000123-86-4 | 40 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

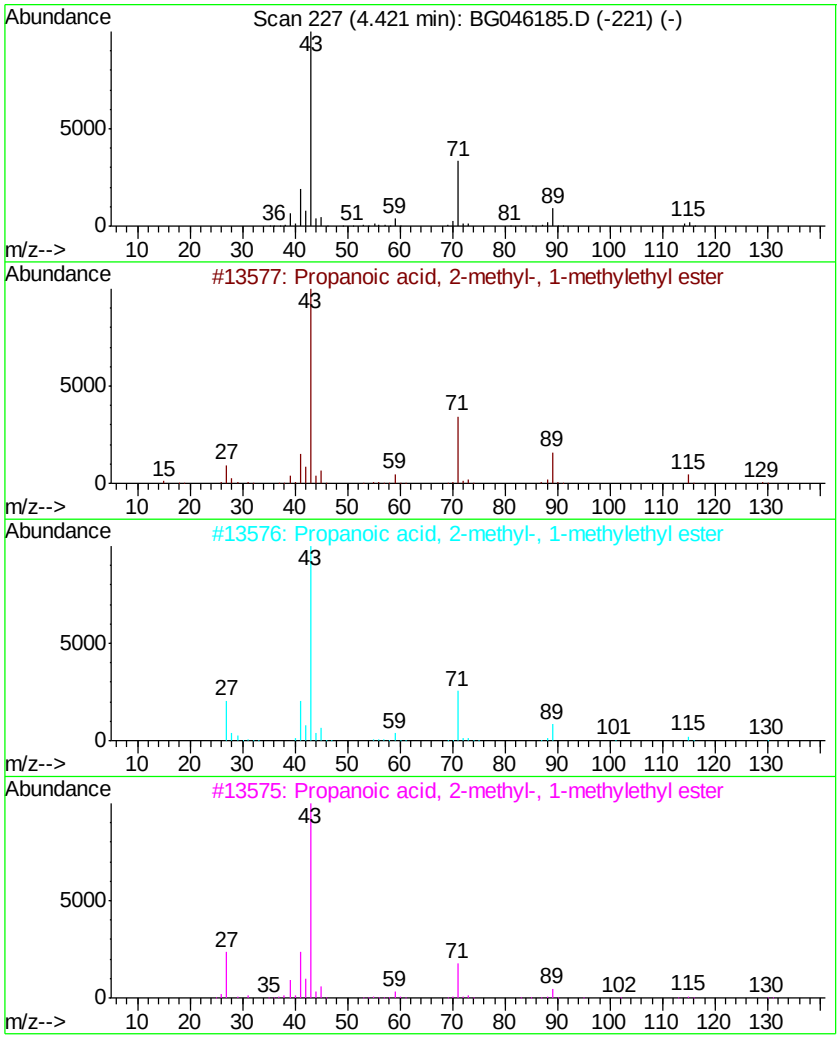
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

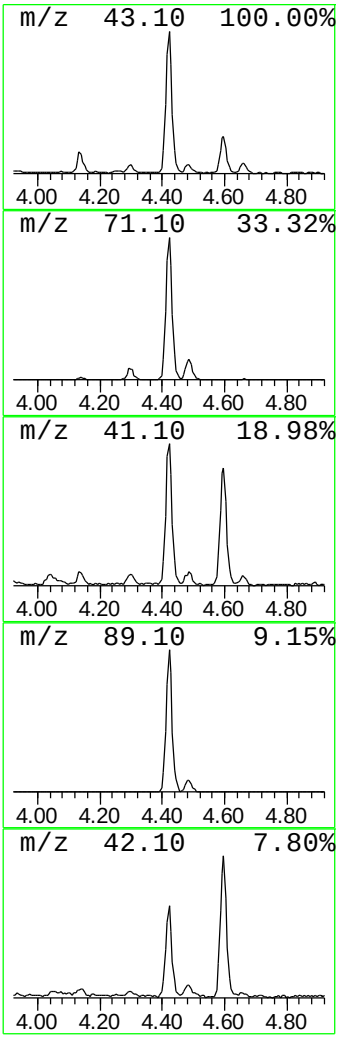
**********

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.42 | 12.88 ng/ul | 416245 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 83 |
| 2 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 64 |
| 3 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 53 |
| 4 | Propanoic acid, 2-methyl-, penty... | 158 | C9H18O2 | 002445-72-9 | 39 |
| 5 | C2H5C(CH3)2COCH3 | 114 | C7H14O | 020669-04-9 | 33 |



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Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

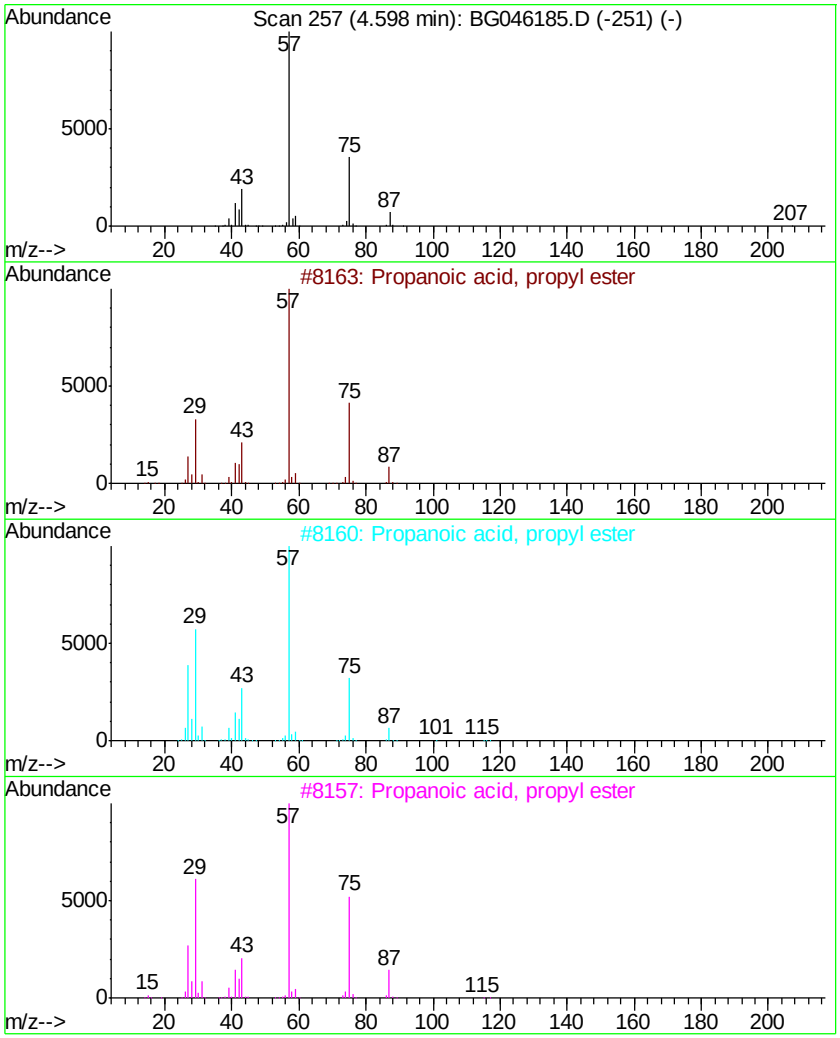
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

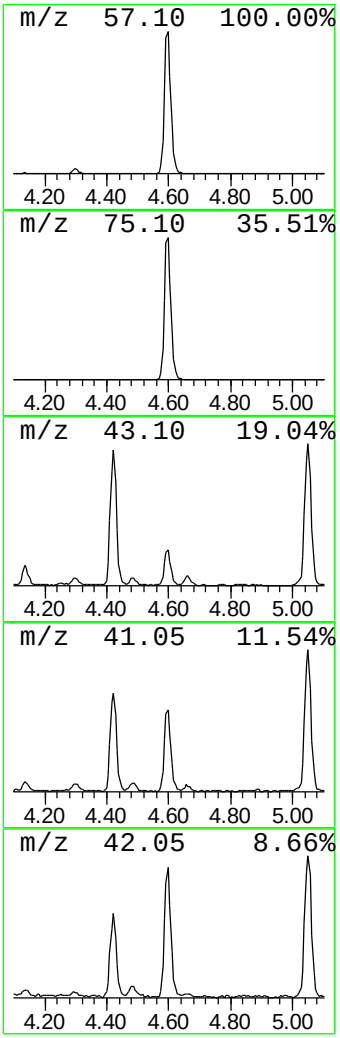
**********

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.60 | 18.29 ng/ul | 591168 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 2 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 3 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 78 |
| 4 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 64 |
| 5 | Propanoic acid, butyl ester | 130 | C7H14O2 | 000590-01-2 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

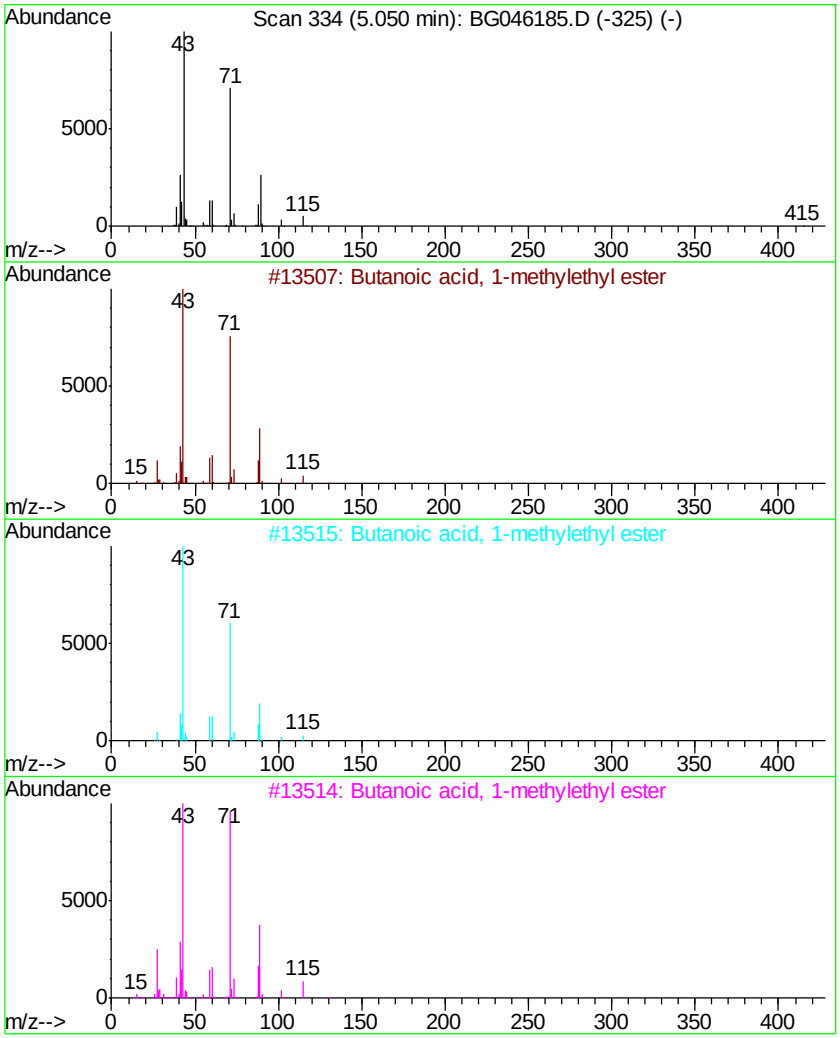
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

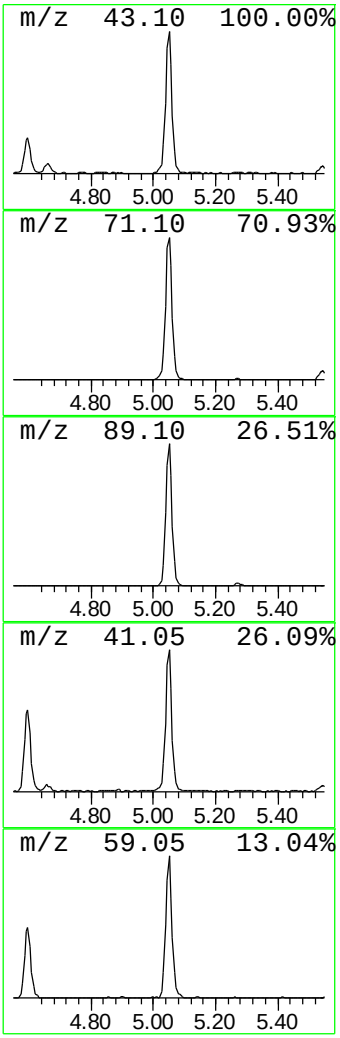
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.05 | 21.61 ng/ul | 698491 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 1-methylethyl ester | 130 | C7H14O2 | 000638-11-9 | 90 |
| 2 | Butanoic acid, 1-methylethyl ester | 130 | C7H14O2 | 000638-11-9 | 90 |
| 3 | Butanoic acid, 1-methylethyl ester | 130 | C7H14O2 | 000638-11-9 | 86 |
| 4 | Butanoic acid, 1-methylethyl ester | 130 | C7H14O2 | 000638-11-9 | 78 |
| 5 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 72 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

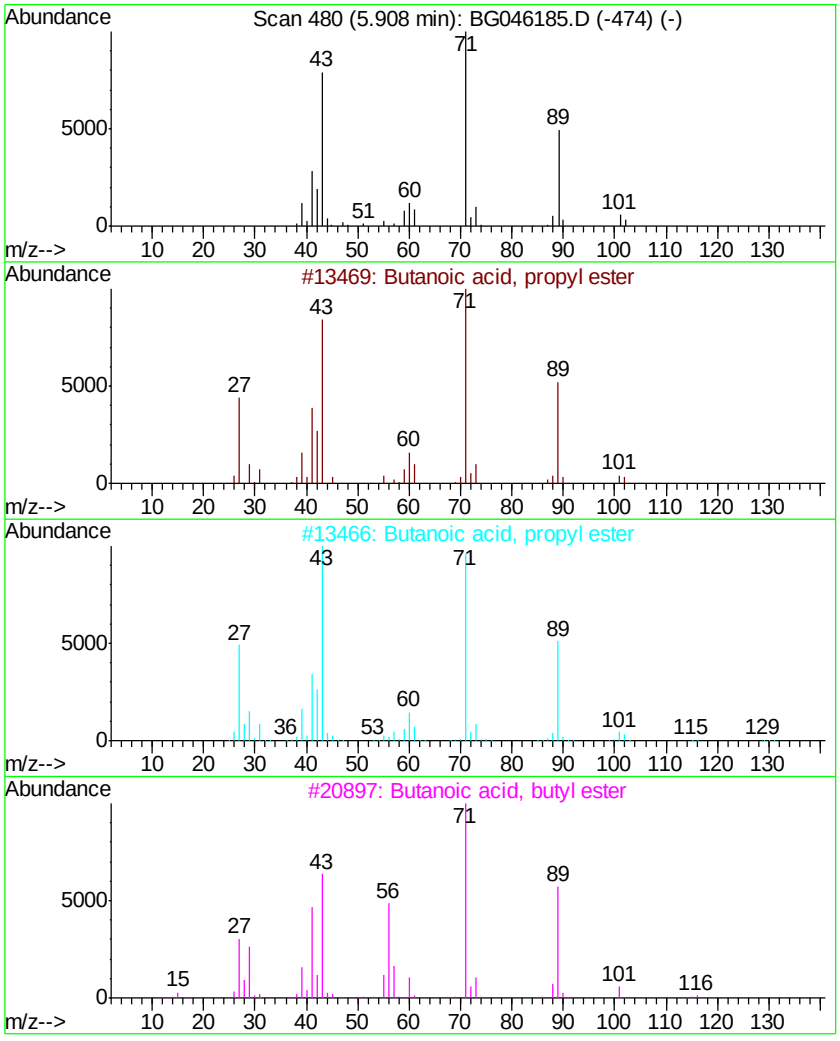
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

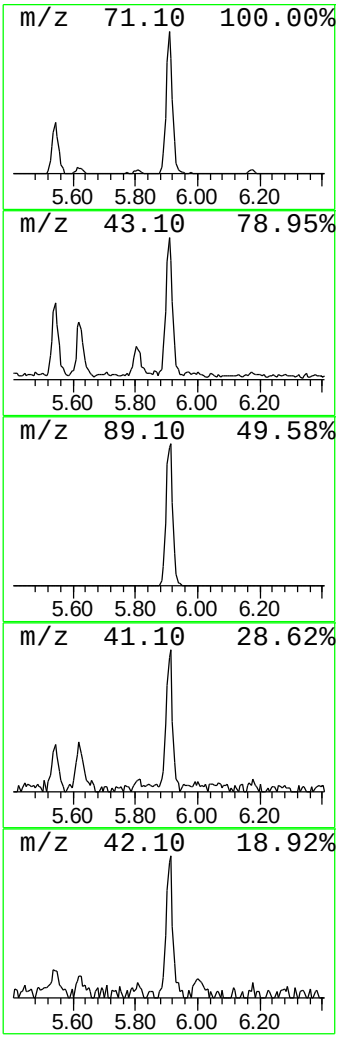
**********

Peak Number 7 Butanoic acid, propyl ester Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.91 | 3.11 ng/ul | 100501 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, propyl ester | 130 | C7H14O2 | 000105-66-8 | 90 |
| 2 | Butanoic acid, propyl ester | 130 | C7H14O2 | 000105-66-8 | 90 |
| 3 | Butanoic acid, butyl ester | 144 | C8H16O2 | 000109-21-7 | 83 |
| 4 | Butanoic acid, hexyl ester | 172 | C10H20O2 | 002639-63-6 | 83 |
| 5 | Butanoic acid, butyl ester | 144 | C8H16O2 | 000109-21-7 | 83 |



# Library Search Compound Report

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Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

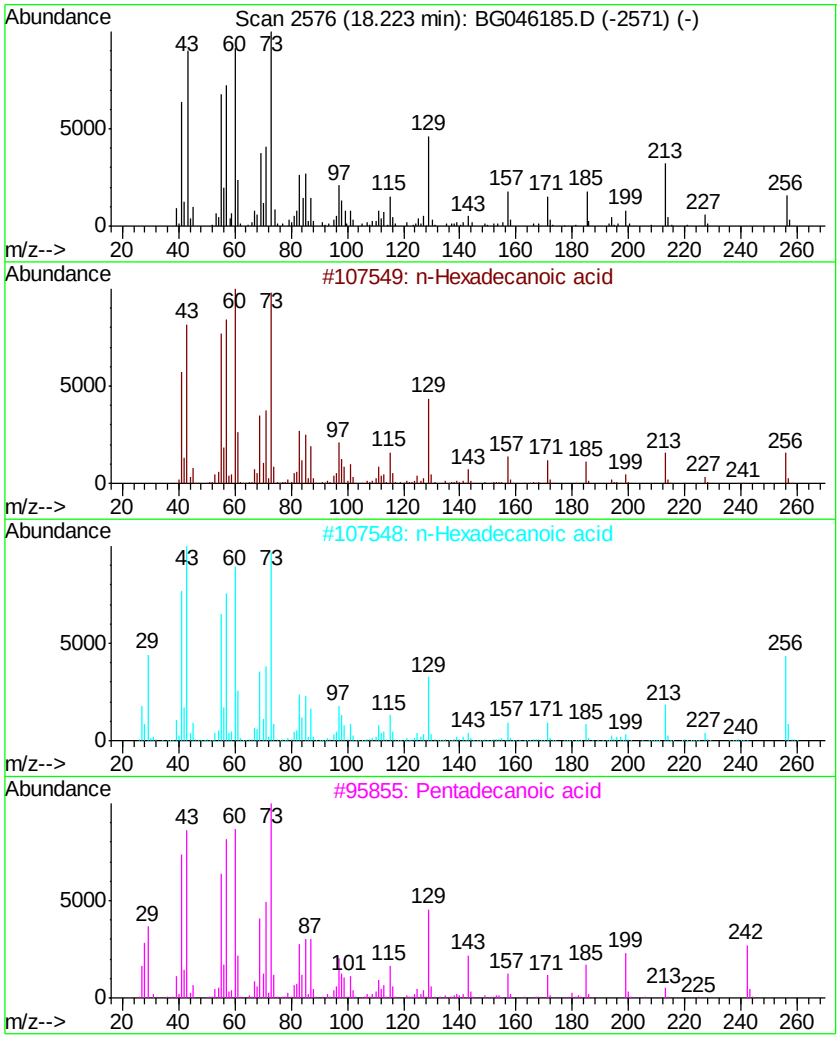
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

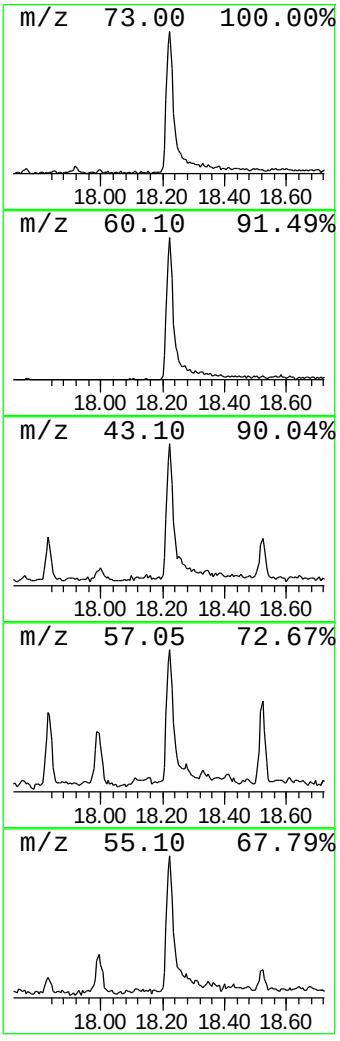
**********

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.22 | 3.79 ng/ul | 323019 | Phenanthrene-d10 | 17.32 |

| 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 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 83 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 80 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 80 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

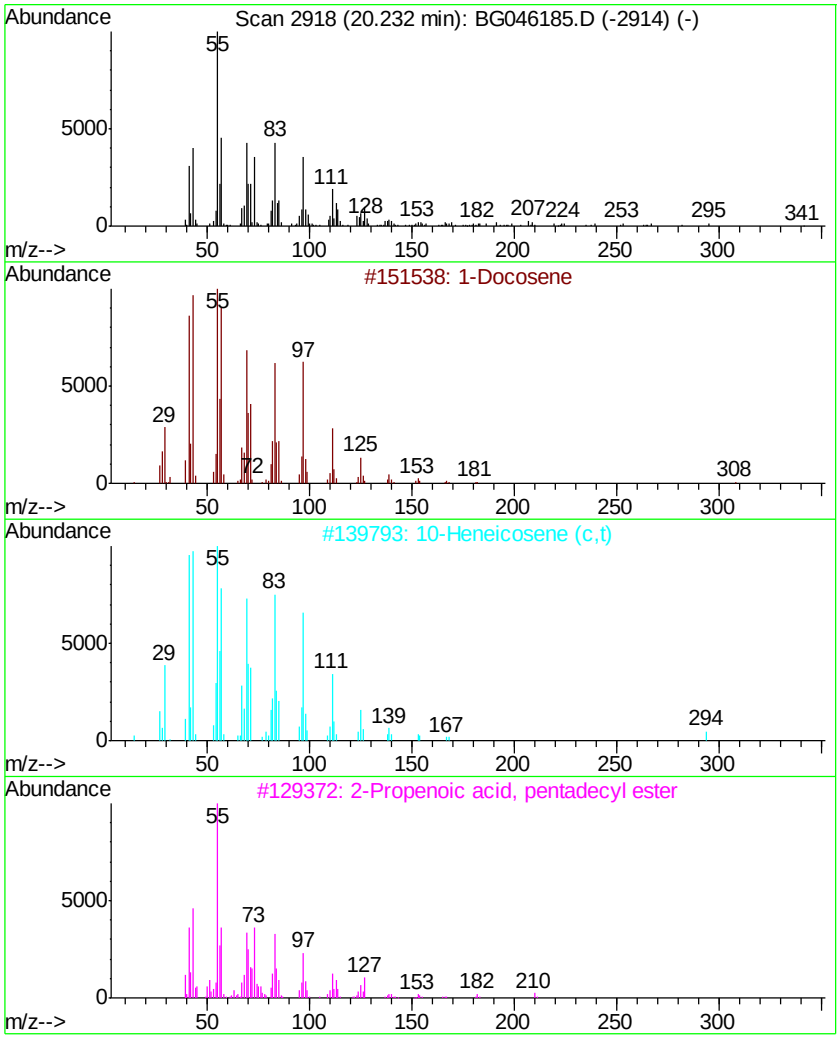
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

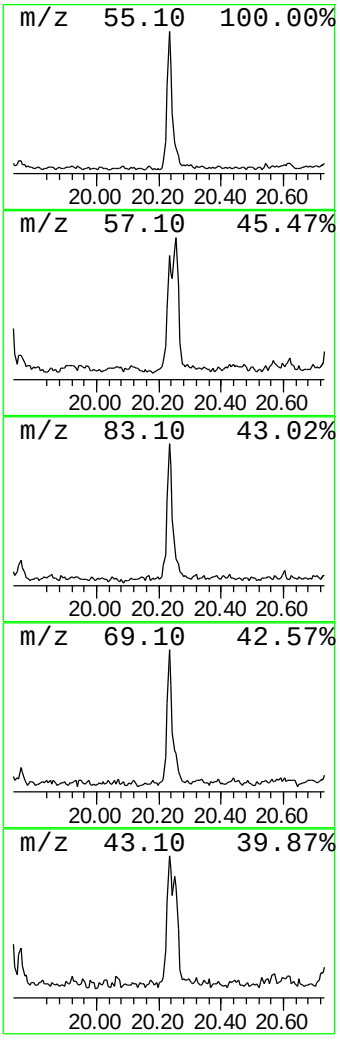
**********

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.23 | 2.62 ng/ul | 253554 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 70 |
| 2 | 10-Heneicosene (c,t) | 294 | C21H42 | 095008-11-0 | 62 |
| 3 | 2-Propenoic acid, pentadecyl ester | 282 | C18H34O2 | 043080-23-5 | 58 |
| 4 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 58 |
| 5 | 2-Propenoic acid, tetradecyl ester | 268 | C17H32O2 | 021643-42-5 | 52 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

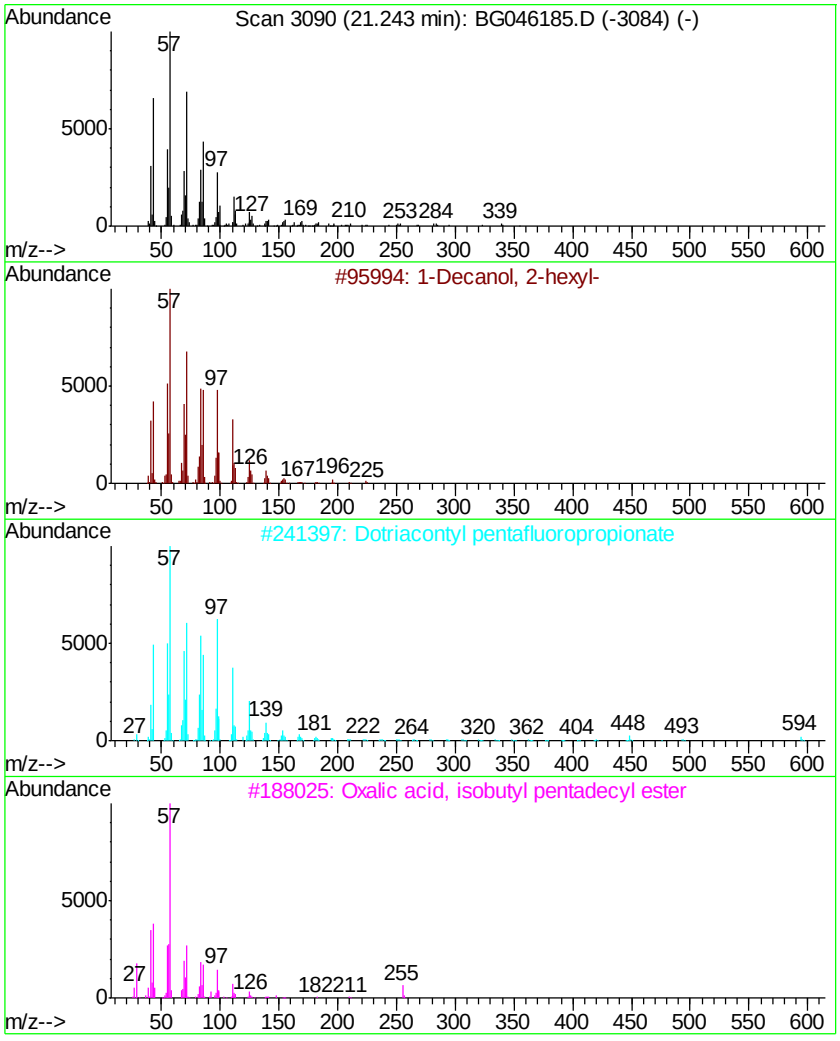
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

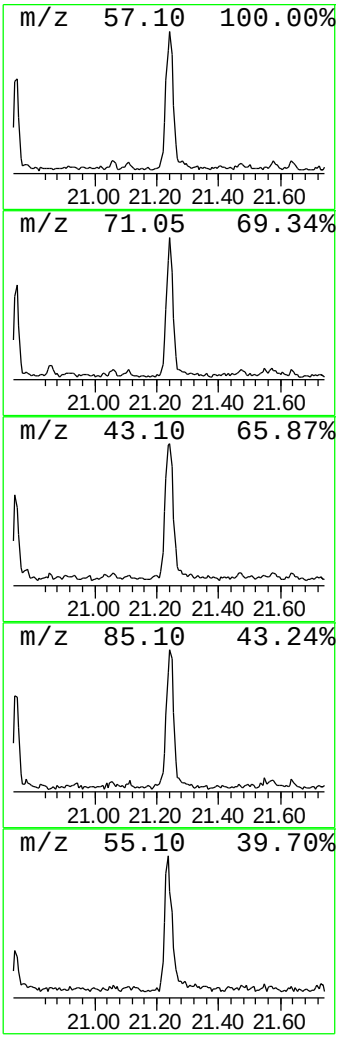
**********

Peak Number 10 1-Decanol, 2-hexyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.24 | 3.09 ng/ul | 299089 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Decanol, 2-hexyl- | 242 | C16H34O | 002425-77-6 | 91 |
| 2 | Dotriacontyl pentafluoropropionate | 612 | C35H65F5O2 | 1000351-81-4 | 91 |
| 3 | Oxalic acid, isobutyl pentadecyl... | 356 | C21H40O4 | 1000309-38-0 | 91 |
| 4 | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4 | 1000309-38-1 | 91 |
| 5 | Triacontyl pentafluoropropionate | 584 | C33H61F5O2 | 1000351-80-0 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

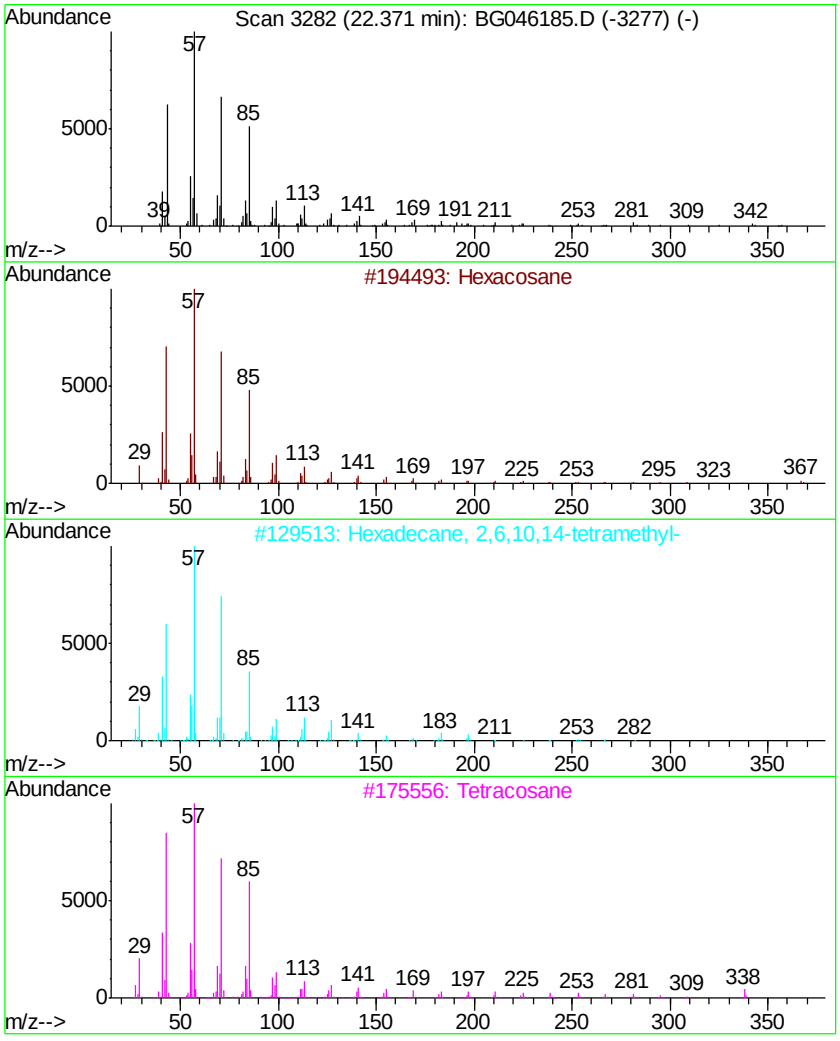
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

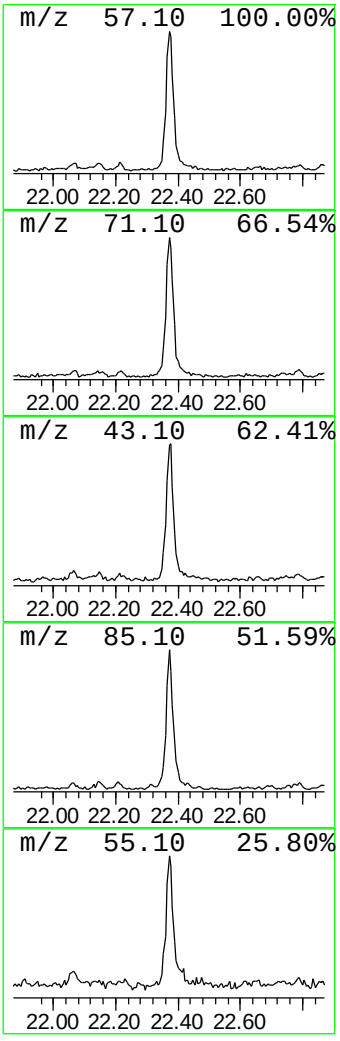
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.37 | 2.64 ng/ul | 255563 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 94 |
| 2 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 93 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

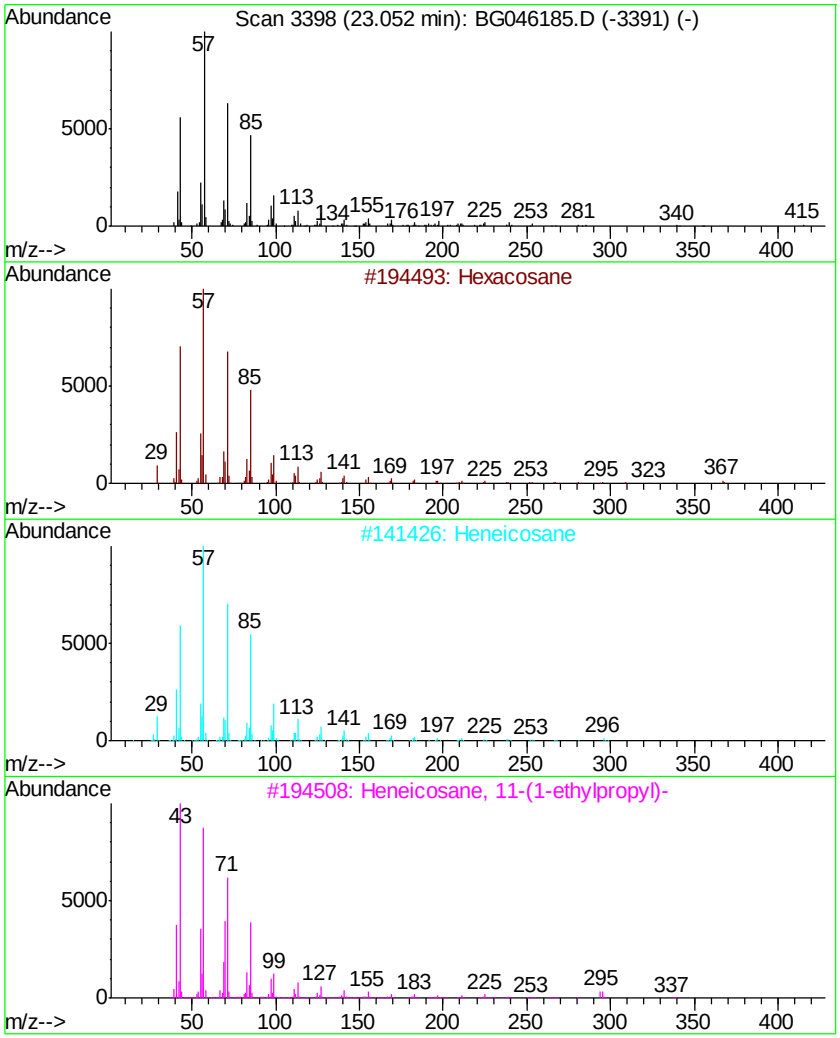
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

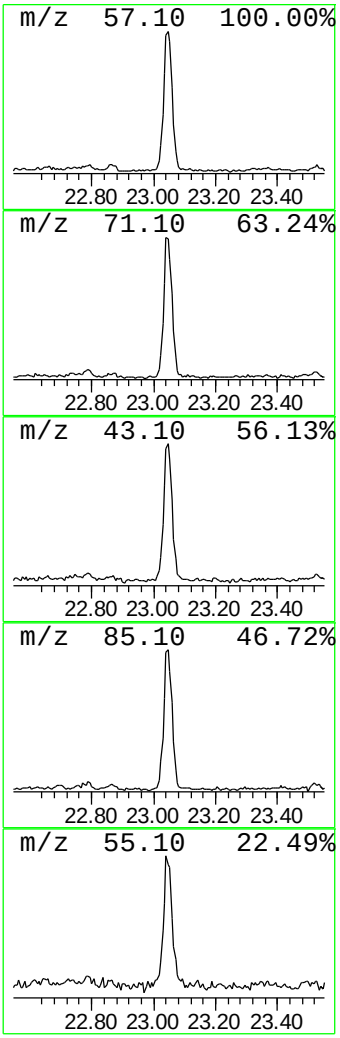
**********

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.05 | 2.84 ng/ul | 275074 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 87 |
| 4 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 87 |
| 5 | Triacontane | 422 | C30H62 | 000638-68-6 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

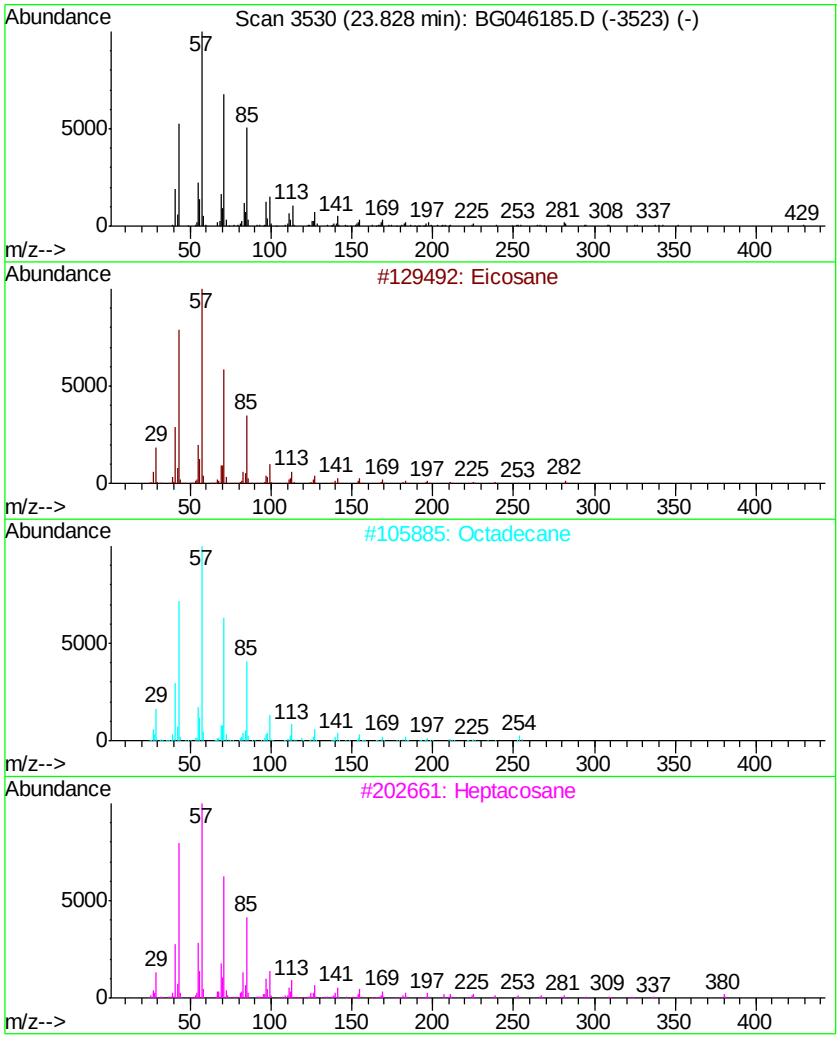
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

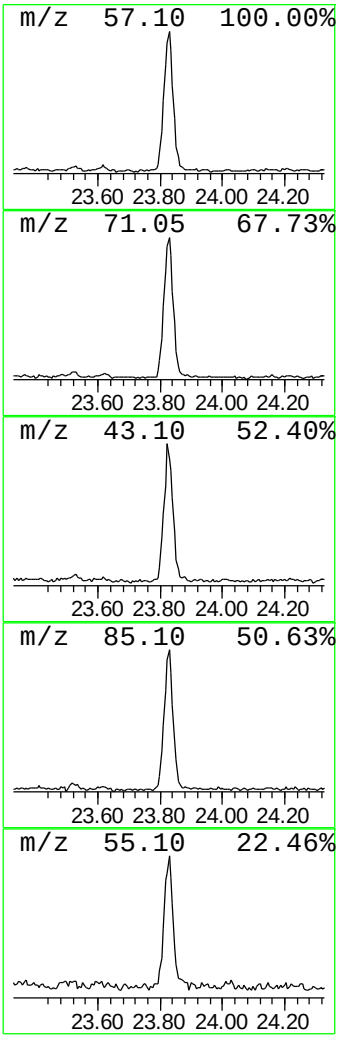
**********

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.83 | 2.89 ng/ul | 294917 | Perylene-d12 | 24.67 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

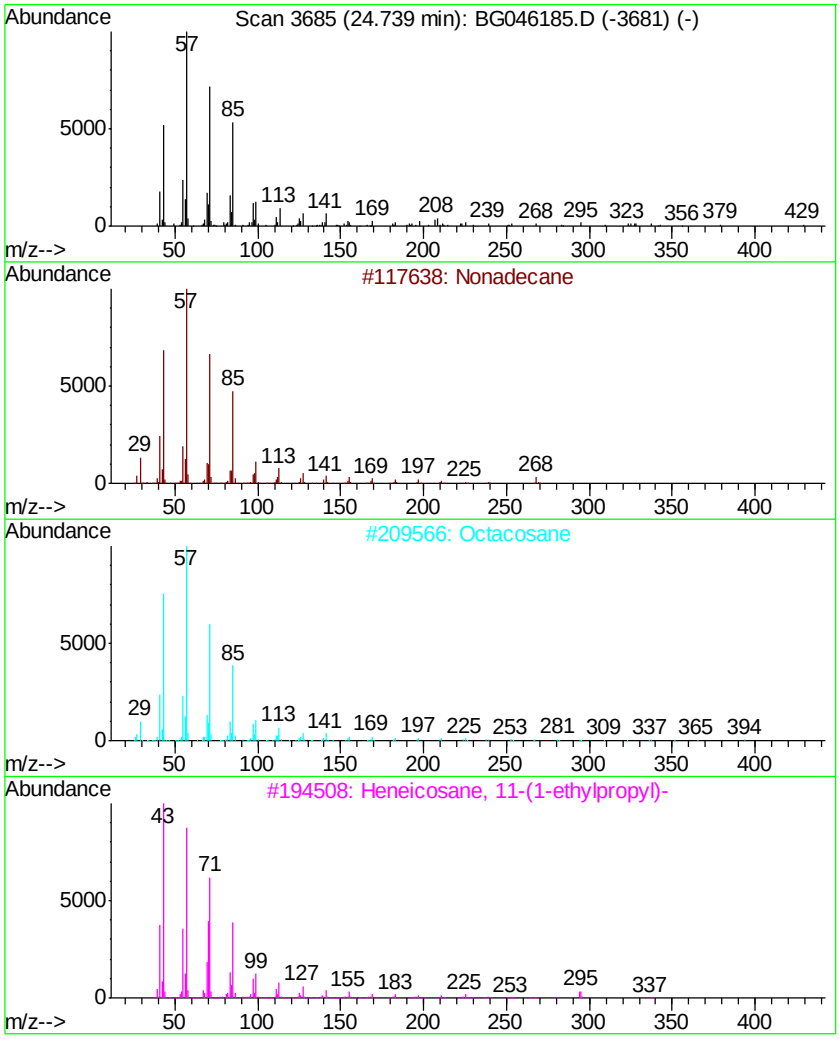
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

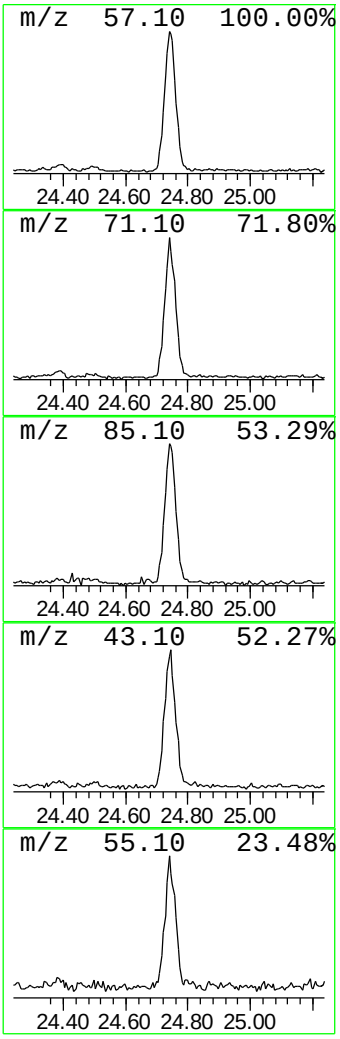
**********

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.74 | 3.15 ng/ul | 321414 | Perylene-d12 | 24.67 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 87 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 5 | Triacontane | 422 | C30H62 | 000638-68-6 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

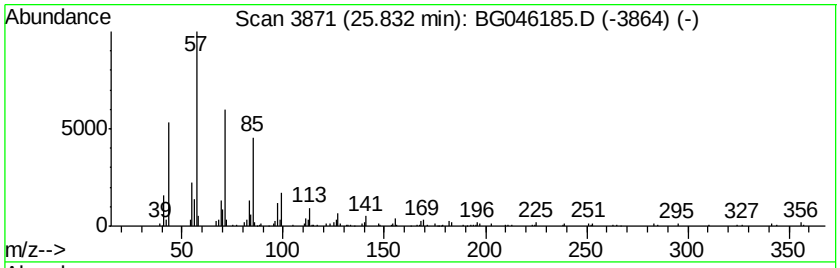
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

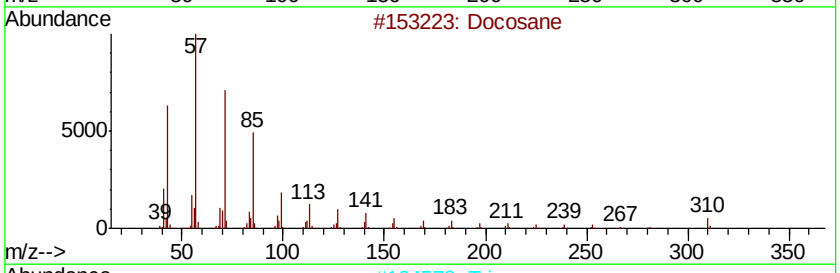
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

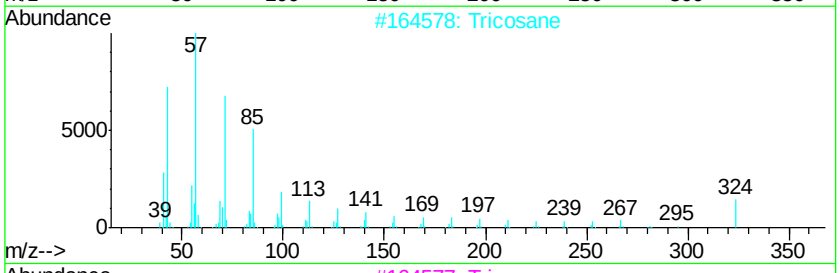
**********
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 12

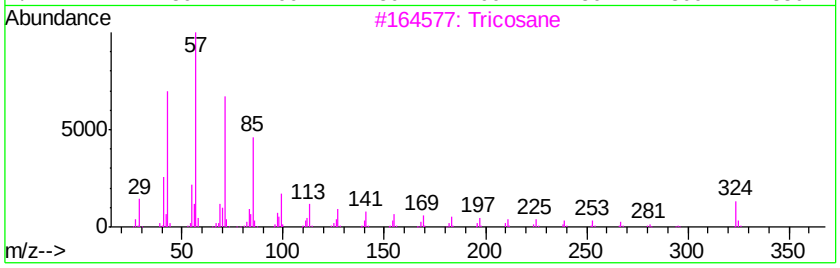
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.83 | 2.74 ng/ul | 279650 | Perylene-d12 | 24.67 |

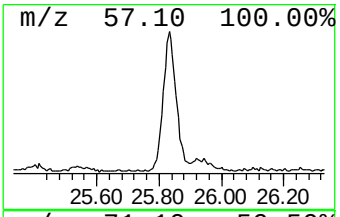
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane | 310 | C22H46 | 000629-97-0 | 95 |
| 2 | Tricosane | 324 | C23H48 | 000638-67-5 | 91 |
| 3 | Tricosane | 324 | C23H48 | 000638-67-5 | 91 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 90 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |

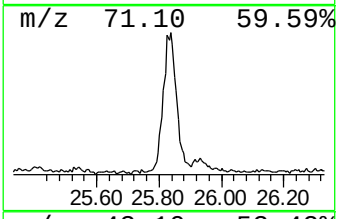


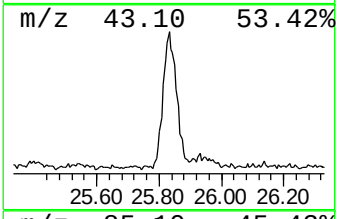



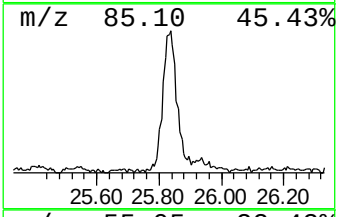



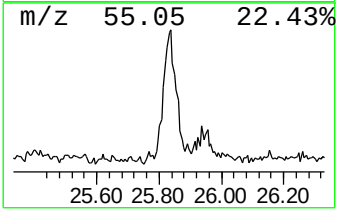



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080620\
Data File : BG046185.D
Acq On : 6 Aug 2020 19:37
Operator : CG/JU
Sample : L3565-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BG0A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-methoxy... | 3.16 | 41.8 | ng/ul | 1351830 | 1 | 7.95 | 646404 | 20.0 |
| Propanoic acid, 1... | 3.88 | 6.4 | ng/ul | 205956 | 1 | 7.95 | 646404 | 20.0 |
| Isobutyl acetate | 4.13 | 2.2 | ng/ul | 70223 | 1 | 7.95 | 646404 | 20.0 |
| Propanoic acid, 2... | 4.42 | 12.9 | ng/ul | 416245 | 1 | 7.95 | 646404 | 20.0 |
| Propanoic acid, p... | 4.60 | 18.3 | ng/ul | 591168 | 1 | 7.95 | 646404 | 20.0 |
| Butanoic acid, 1-... | 5.05 | 21.6 | ng/ul | 698491 | 1 | 7.95 | 646404 | 20.0 |
| Butanoic acid, pr... | 5.91 | 3.1 | ng/ul | 100501 | 1 | 7.95 | 646404 | 20.0 |
| n-Hexadecanoic acid | 18.22 | 3.8 | ng/ul | 323019 | 4 | 17.32 | 1704880 | 20.0 |
| (DEL) Alkane: Str... | 20.23 | 2.6 | ng/ul | 253554 | 5 | 21.56 | 1935480 | 20.0 |
| 1-Decanol, 2-hexyl- | 21.24 | 3.1 | ng/ul | 299089 | 5 | 21.56 | 1935480 | 20.0 |
| (DEL) Alkane: Str... | 22.37 | 2.6 | ng/ul | 255563 | 5 | 21.56 | 1935480 | 20.0 |
| (DEL) Alkane: Str... | 23.05 | 2.8 | ng/ul | 275074 | 5 | 21.56 | 1935480 | 20.0 |
| (DEL) Alkane: Str... | 23.83 | 2.9 | ng/ul | 294917 | 6 | 24.67 | 2042530 | 20.0 |
| (DEL) Alkane: Str... | 24.74 | 3.1 | ng/ul | 321414 | 6 | 24.67 | 2042530 | 20.0 |
| (DEL) Alkane: Str... | 25.83 | 2.7 | ng/ul | 279650 | 6 | 24.67 | 2042530 | 20.0 |