LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027372.D
Acq On : 10 Sep 2020 14:10
Operator : JU/CG
Sample : L3855-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

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\SOM-EPA-BM090420MA.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 | 3.628 | 106 | 109 | 117 | rVB | 53845 | 74418 | 1.99% | 0.153% |
| 2 | 3.758 | 127 | 131 | 135 | rVB | 42006 | 57320 | 1.53% | 0.118% |
| 3 | 4.058 | 180 | 182 | 188 | rVB3 | 19945 | 26224 | 0.70% | 0.054% |
| 4 | 4.734 | 293 | 297 | 305 | rVB2 | 31790 | 51197 | 1.37% | 0.105% |
| 5 | 4.828 | 311 | 313 | 321 | rVB5 | 11161 | 18682 | 0.50% | 0.038% |
| 6 | 6.751 | 631 | 640 | 654 | rVB | 471966 | 798674 | 21.37% | 1.638% |
| 7 | 6.910 | 661 | 667 | 677 | rVB | 406330 | 638955 | 17.09% | 1.311% |
| 8 | 7.104 | 693 | 700 | 712 | rVB | 495507 | 807976 | 21.62% | 1.657% |
| 9 | 7.569 | 772 | 779 | 788 | rBV | 786788 | 1260940 | 33.73% | 2.586% |
| 10 | 7.646 | 788 | 792 | 795 | rVB5 | 4280 | 6748 | 0.18% | 0.014% |
| 11 | 8.275 | 892 | 899 | 910 | rBV2 | 450787 | 736887 | 19.71% | 1.512% |
| 12 | 8.387 | 913 | 918 | 923 | rVB | 30461 | 49782 | 1.33% | 0.102% |
| 13 | 8.710 | 965 | 973 | 985 | rBV | 495776 | 819111 | 21.91% | 1.680% |
| 14 | 8.969 | 1012 | 1017 | 1019 | rBV6 | 4147 | 6438 | 0.17% | 0.013% |
| 15 | 9.181 | 1050 | 1053 | 1056 | rBV3 | 4352 | 5629 | 0.15% | 0.012% |
| 16 | 9.428 | 1088 | 1095 | 1109 | rBV | 426059 | 704831 | 18.86% | 1.446% |
| 17 | 9.792 | 1153 | 1157 | 1160 | rVB5 | 3485 | 5688 | 0.15% | 0.012% |
| 18 | 9.904 | 1168 | 1176 | 1180 | rBV4 | 9467 | 17992 | 0.48% | 0.037% |
| 19 | 9.963 | 1180 | 1186 | 1202 | rVB | 656443 | 1096356 | 29.33% | 2.249% |
| 20 | 10.334 | 1242 | 1249 | 1261 | rVB | 1079816 | 1787722 | 47.83% | 3.667% |
| 21 | 10.475 | 1266 | 1273 | 1290 | rBV | 374695 | 705001 | 18.86% | 1.446% |
| 22 | 10.863 | 1335 | 1339 | 1342 | rBV5 | 4256 | 6584 | 0.18% | 0.014% |
| 23 | 11.863 | 1505 | 1509 | 1514 | rBV3 | 5945 | 9469 | 0.25% | 0.019% |
| 24 | 11.933 | 1516 | 1521 | 1525 | rBV2 | 11902 | 16984 | 0.45% | 0.035% |
| 25 | 12.563 | 1624 | 1628 | 1635 | rVB8 | 4766 | 8060 | 0.22% | 0.017% |
| 26 | 12.828 | 1668 | 1673 | 1676 | rBV6 | 3851 | 5445 | 0.15% | 0.011% |
| 27 | 13.057 | 1708 | 1712 | 1717 | rBV5 | 4205 | 5886 | 0.16% | 0.012% |
| 28 | 13.128 | 1717 | 1724 | 1729 | rVV6 | 10144 | 17156 | 0.46% | 0.035% |
| 29 | 13.628 | 1802 | 1809 | 1813 | rBV | 1394063 | 1871652 | 50.07% | 3.839% |
| 30 | 13.675 | 1813 | 1817 | 1824 | rVB | 266801 | 378056 | 10.11% | 0.775% |
| 31 | 13.898 | 1848 | 1855 | 1866 | rBV | 1432400 | 2034977 | 54.44% | 4.174% |
| 32 | 13.980 | 1866 | 1869 | 1872 | rVB5 | 3099 | 3873 | 0.10% | 0.008% |
| 33 | 14.080 | 1882 | 1886 | 1893 | rVB3 | 9821 | 15719 | 0.42% | 0.032% |
| 34 | 14.145 | 1893 | 1897 | 1900 | rBV4 | 6698 | 7261 | 0.19% | 0.015% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027372.D
Acq On : 10 Sep 2020 14:10
Operator : JU/CG
Sample : L3855-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

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\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 14.210 | 1900 | 1908 | 1917 | rBV | 1869337 | 2636114 | 70.52% | 5.407% |
| 36 | 14.416 | 1937 | 1943 | 1965 | rBV | 404321 | 709269 | 18.97% | 1.455% |
| 37 | 14.569 | 1967 | 1969 | 1973 | rVV4 | 8422 | 11905 | 0.32% | 0.024% |
| 38 | 14.657 | 1979 | 1984 | 1991 | rVB4 | 16788 | 25919 | 0.69% | 0.053% |
| 39 | 15.039 | 2042 | 2049 | 2055 | rBV2 | 14062 | 23183 | 0.62% | 0.048% |
| 40 | 15.098 | 2057 | 2059 | 2063 | rVB4 | 5718 | 5337 | 0.14% | 0.011% |
| 41 | 15.204 | 2071 | 2077 | 2086 | rBV | 1924630 | 2669474 | 71.42% | 5.476% |
| 42 | 15.274 | 2086 | 2089 | 2092 | rVV5 | 5806 | 8323 | 0.22% | 0.017% |
| 43 | 15.327 | 2092 | 2098 | 2114 | rVV | 515710 | 755791 | 20.22% | 1.550% |
| 44 | 15.445 | 2114 | 2118 | 2123 | rVV2 | 24401 | 36253 | 0.97% | 0.074% |
| 45 | 15.498 | 2125 | 2127 | 2132 | rVB6 | 3717 | 4384 | 0.12% | 0.009% |
| 46 | 15.598 | 2139 | 2144 | 2150 | rVB8 | 4806 | 7800 | 0.21% | 0.016% |
| 47 | 15.886 | 2190 | 2193 | 2197 | rVB5 | 2883 | 4946 | 0.13% | 0.010% |
| 48 | 15.963 | 2202 | 2206 | 2207 | rVV4 | 7012 | 7896 | 0.21% | 0.016% |
| 49 | 15.992 | 2207 | 2211 | 2217 | rVB8 | 10668 | 15941 | 0.43% | 0.033% |
| 50 | 16.269 | 2254 | 2258 | 2264 | rBV6 | 6808 | 13669 | 0.37% | 0.028% |
| 51 | 16.392 | 2276 | 2279 | 2281 | rBV4 | 4880 | 5547 | 0.15% | 0.011% |
| 52 | 16.510 | 2294 | 2299 | 2306 | rBV | 30991 | 45894 | 1.23% | 0.094% |
| 53 | 16.633 | 2318 | 2320 | 2326 | rVB7 | 5161 | 7252 | 0.19% | 0.015% |
| 54 | 16.745 | 2334 | 2339 | 2344 | rBV3 | 15953 | 25767 | 0.69% | 0.053% |
| 55 | 16.957 | 2368 | 2375 | 2380 | rBV | 2429282 | 3255573 | 87.10% | 6.678% |
| 56 | 16.992 | 2380 | 2381 | 2385 | rVV | 31312 | 32942 | 0.88% | 0.068% |
| 57 | 17.051 | 2385 | 2391 | 2401 | rVV | 1960514 | 2768112 | 74.05% | 5.678% |
| 58 | 17.257 | 2424 | 2426 | 2431 | rVB3 | 6519 | 8313 | 0.22% | 0.017% |
| 59 | 17.321 | 2434 | 2437 | 2439 | rBV4 | 3590 | 4424 | 0.12% | 0.009% |
| 60 | 17.486 | 2461 | 2465 | 2470 | rBV7 | 8353 | 11008 | 0.29% | 0.023% |
| 61 | 17.657 | 2490 | 2494 | 2497 | rVB5 | 9113 | 10887 | 0.29% | 0.022% |
| 62 | 17.815 | 2516 | 2521 | 2526 | rBV4 | 38393 | 65074 | 1.74% | 0.133% |
| 63 | 17.886 | 2527 | 2533 | 2541 | rBV | 717633 | 1067827 | 28.57% | 2.190% |
| 64 | 18.180 | 2580 | 2583 | 2588 | rBV5 | 20093 | 27119 | 0.73% | 0.056% |
| 65 | 18.339 | 2608 | 2610 | 2615 | rVB5 | 10004 | 12218 | 0.33% | 0.025% |
| 66 | 18.439 | 2624 | 2627 | 2632 | rVB5 | 15060 | 20300 | 0.54% | 0.042% |
| 67 | 18.592 | 2651 | 2653 | 2658 | rVB6 | 13564 | 15741 | 0.42% | 0.032% |
| 68 | 18.645 | 2659 | 2662 | 2663 | rBV3 | 9660 | 11798 | 0.32% | 0.024% |
| 69 | 18.757 | 2677 | 2681 | 2685 | rBV6 | 32488 | 51538 | 1.38% | 0.106% |
| 70 | 18.810 | 2685 | 2690 | 2695 | rBV2 | 51596 | 93294 | 2.50% | 0.191% |
| 71 | 18.986 | 2717 | 2720 | 2722 | rBV2 | 29258 | 38045 | 1.02% | 0.078% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027372.D
Acq On : 10 Sep 2020 14:10
Operator : JU/CG
Sample : L3855-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

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\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 19.021 | 2722 | 2726 | 2739 | rVB | 154455 | 262005 | 7.01% | 0.537% |
| 73 | 19.174 | 2747 | 2752 | 2761 | rBV | 500129 | 779253 | 20.85% | 1.598% |
| 74 | 19.357 | 2777 | 2783 | 2795 | rVB | 2697875 | 3737922 | 100.00% | 7.667% |
| 75 | 19.945 | 2880 | 2883 | 2886 | rVB | 56402 | 57415 | 1.54% | 0.118% |
| 76 | 20.151 | 2915 | 2918 | 2923 | rBV | 68757 | 95383 | 2.55% | 0.196% |
| 77 | 20.651 | 3000 | 3003 | 3008 | rVB | 136210 | 144451 | 3.86% | 0.296% |
| 78 | 20.898 | 3041 | 3045 | 3057 | rBV | 1111965 | 1468956 | 39.30% | 3.013% |
| 79 | 21.162 | 3084 | 3090 | 3094 | rBV | 2694008 | 3616517 | 96.75% | 7.418% |
| 80 | 21.345 | 3119 | 3121 | 3126 | rBV | 156790 | 173586 | 4.64% | 0.356% |
| 81 | 21.780 | 3191 | 3195 | 3202 | rVB2 | 701028 | 1043083 | 27.91% | 2.140% |
| 82 | 22.439 | 3304 | 3307 | 3312 | rVB | 275561 | 351082 | 9.39% | 0.720% |
| 83 | 22.715 | 3351 | 3354 | 3357 | rBV | 453964 | 540698 | 14.47% | 1.109% |
| 84 | 22.756 | 3357 | 3361 | 3372 | rVB | 875655 | 1429046 | 38.23% | 2.931% |
| 85 | 23.197 | 3430 | 3436 | 3442 | rBV | 1361248 | 2440512 | 65.29% | 5.006% |
| 86 | 23.333 | 3453 | 3459 | 3467 | rVB | 1523238 | 2721703 | 72.81% | 5.583% |
| 87 | 23.886 | 3549 | 3553 | 3559 | rVB | 467078 | 790014 | 21.14% | 1.620% |
| 88 | 23.962 | 3562 | 3566 | 3575 | rVB3 | 287143 | 527798 | 14.12% | 1.083% |

Sum of corrected areas: 48751994

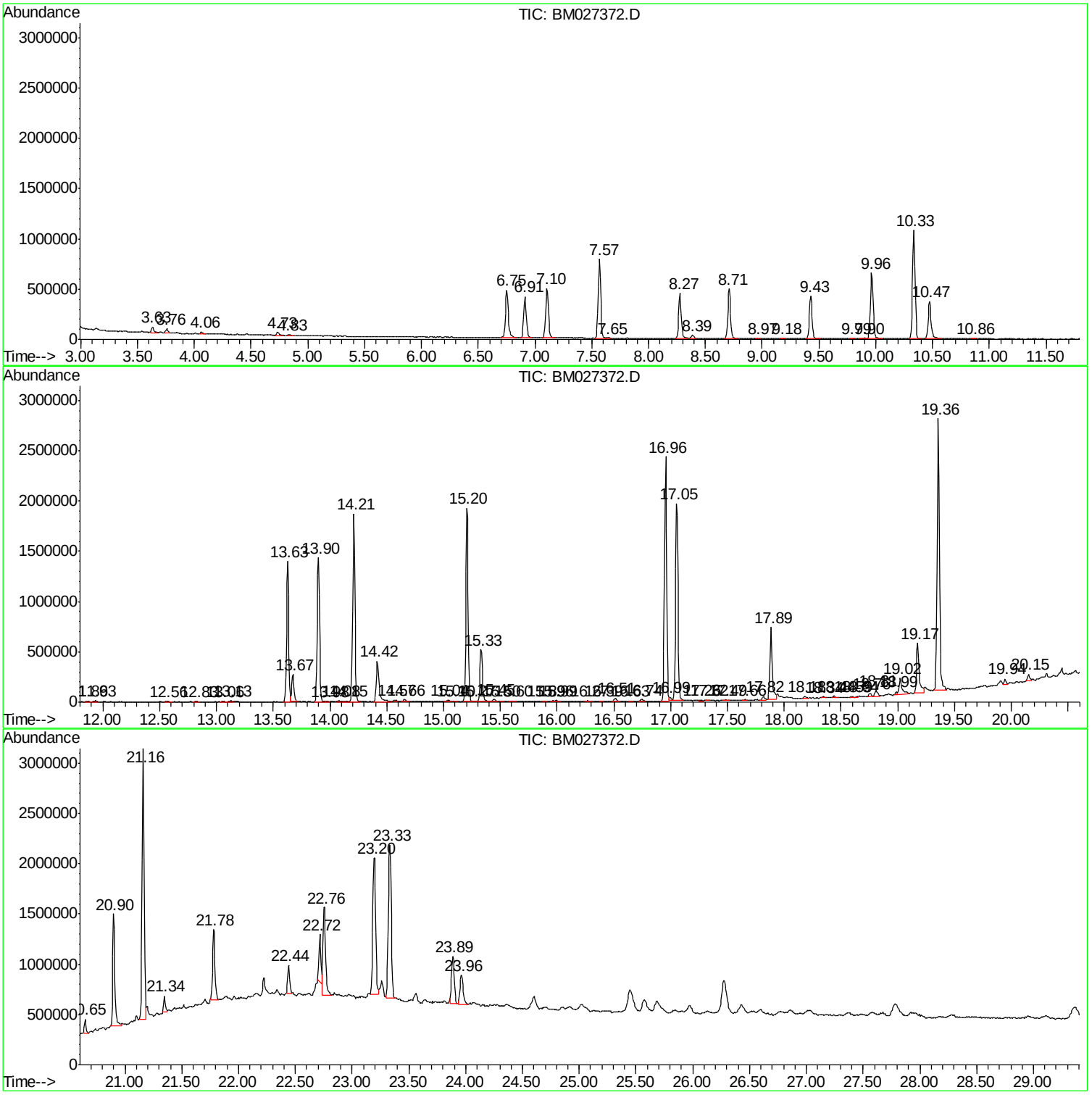
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027372.D
Acq On : 10 Sep 2020 14:10
Operator : JU/CG
Sample : L3855-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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 M\DATA\BM091020\
Data File : BM027372.D
Acq On : 10 Sep 2020 14:10
Operator : JU/CG
Sample : L3855-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

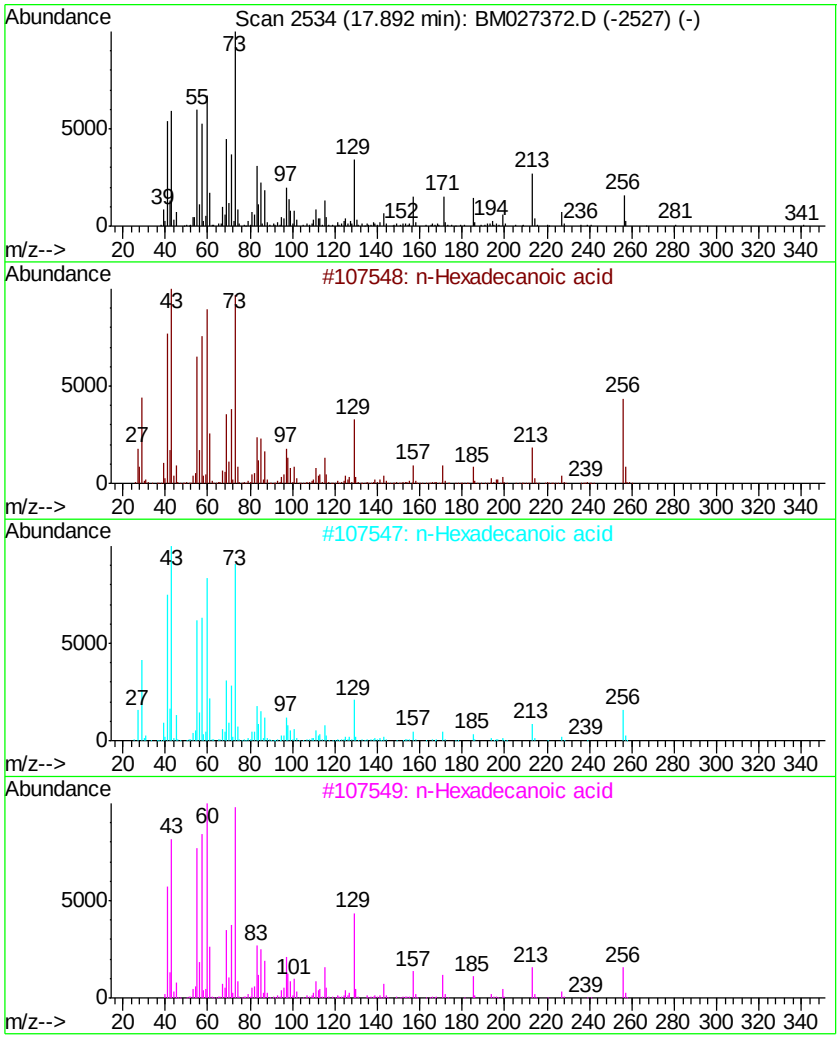
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

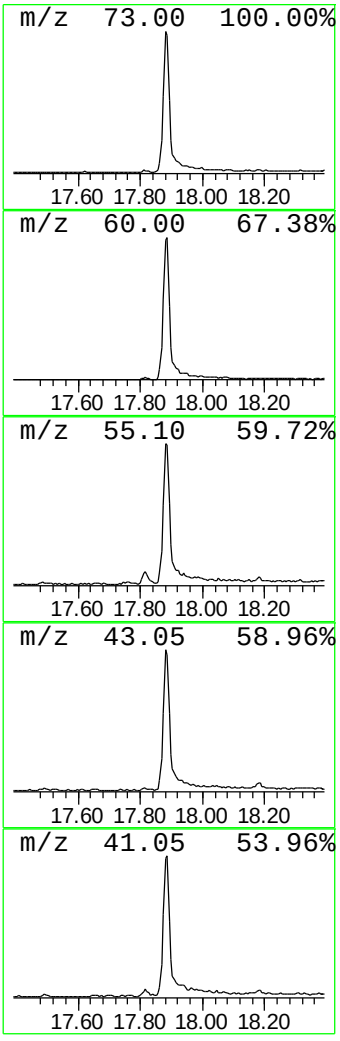
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.89 | 6.56 ng/ul | 1067830 | Phenanthrene-d10 | 16.96 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 64 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 62 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027372.D
Acq On : 10 Sep 2020 14:10
Operator : JU/CG
Sample : L3855-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

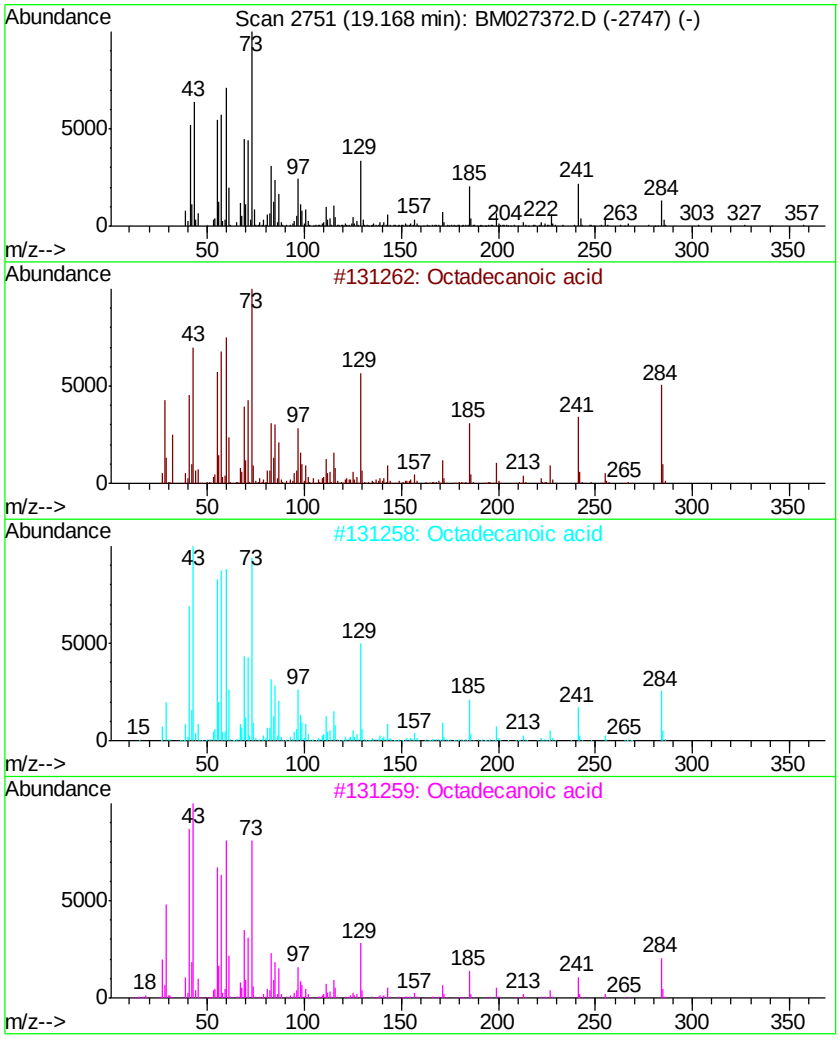
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

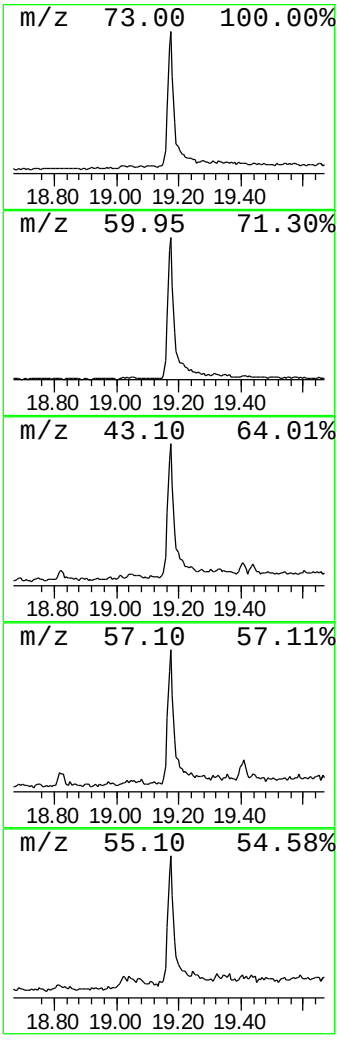
**********

Peak Number 2 Octadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.17 | 4.31 ng/ul | 779253 | Chrysene-d12 | 21.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027372.D
Acq On : 10 Sep 2020 14:10
Operator : JU/CG
Sample : L3855-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

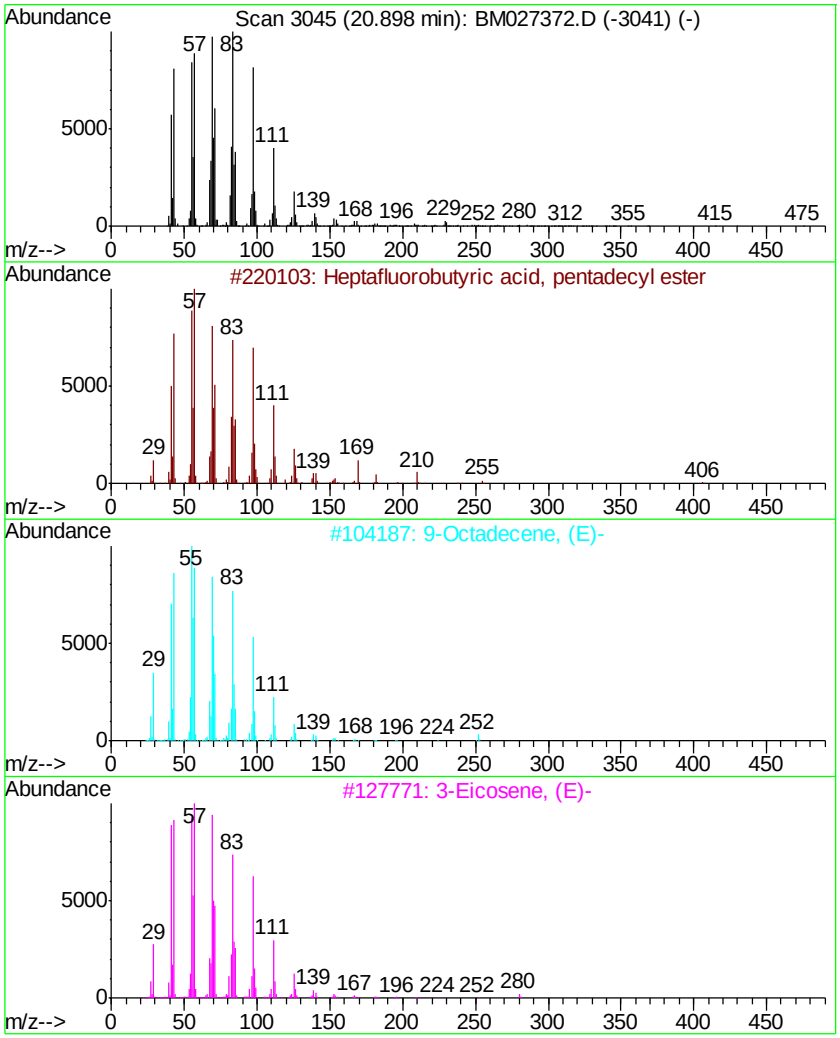
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

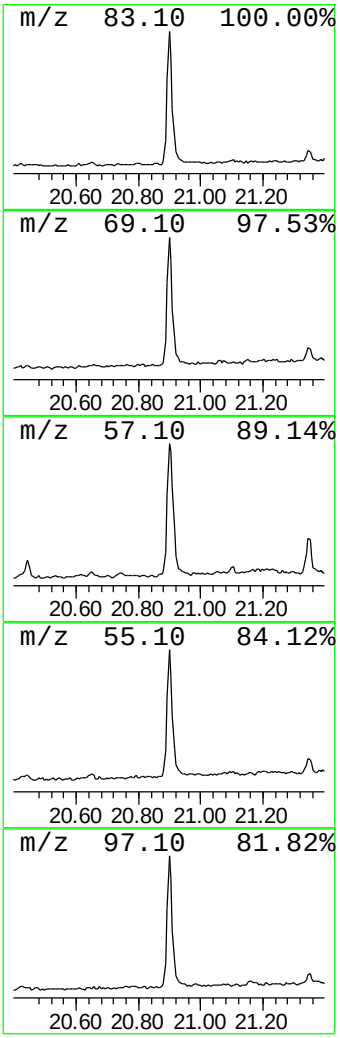
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.90 | 8.12 ng/ul | 1468960 | Chrysene-d12 | 21.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 93 |
| 2 | 9-Octadecene, (E)- | 252 | C18H36 | 007206-25-9 | 91 |
| 3 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 91 |
| 4 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 90 |
| 5 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 89 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027372.D
Acq On : 10 Sep 2020 14:10
Operator : JU/CG
Sample : L3855-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

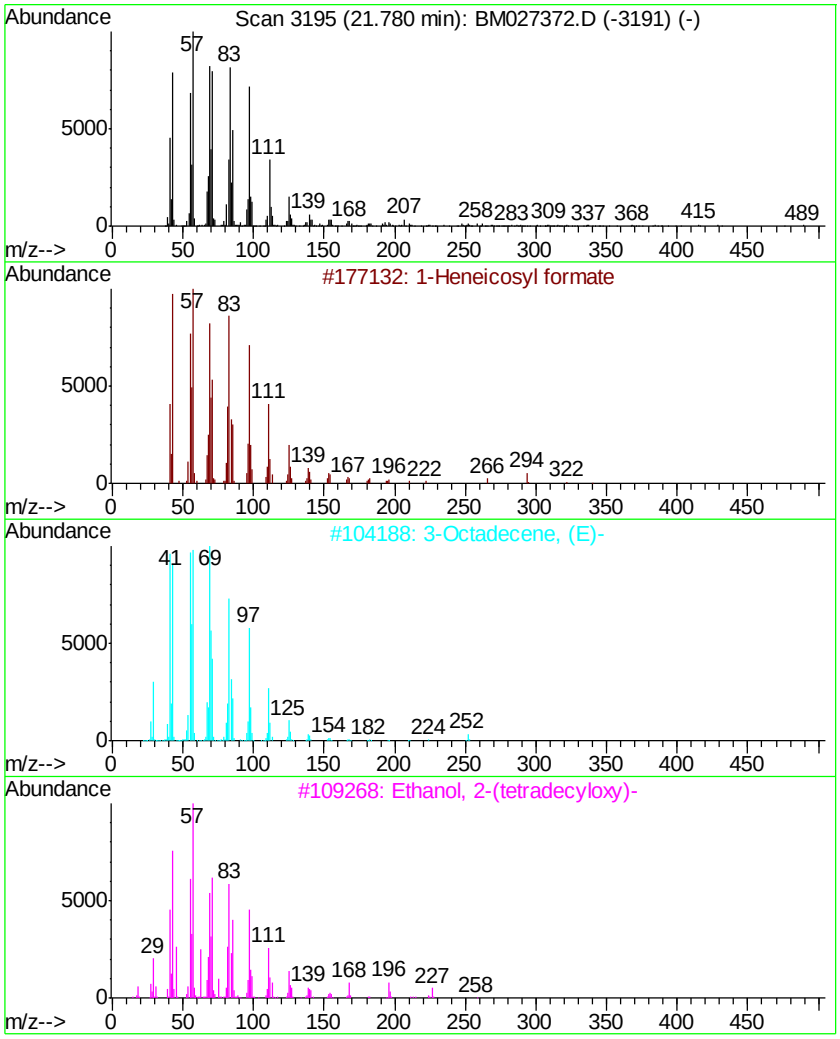
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

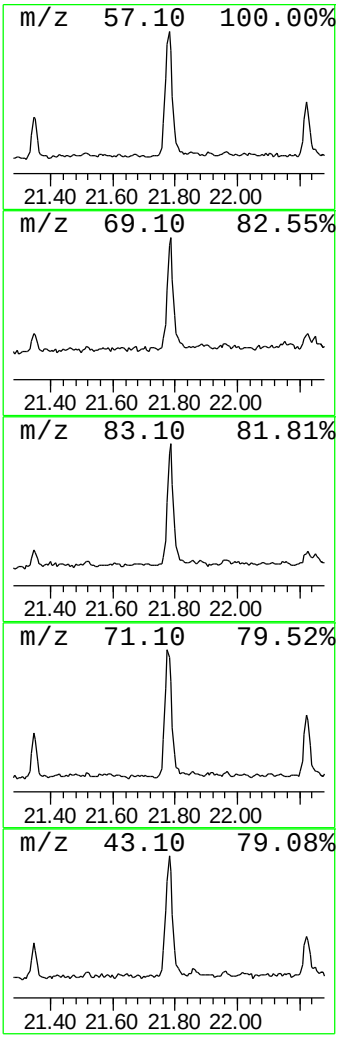
**********

Peak Number 4 1-Heneicosyl formate Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.78 | 5.77 ng/ul | 1043080 | Chrysene-d12 | 21.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 91 |
| 2 | 3-Octadecene, (E)- | 252 | C18H36 | 007206-19-1 | 86 |
| 3 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 81 |
| 4 | Cyclopropane, 1-(1,2-dimethylpro... | 252 | C18H36 | 041977-42-8 | 76 |
| 5 | Oxalic acid, isobutyl octadecyl ... | 398 | C24H46O4 | 1000309-38-3 | 74 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027372.D
Acq On : 10 Sep 2020 14:10
Operator : JU/CG
Sample : L3855-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

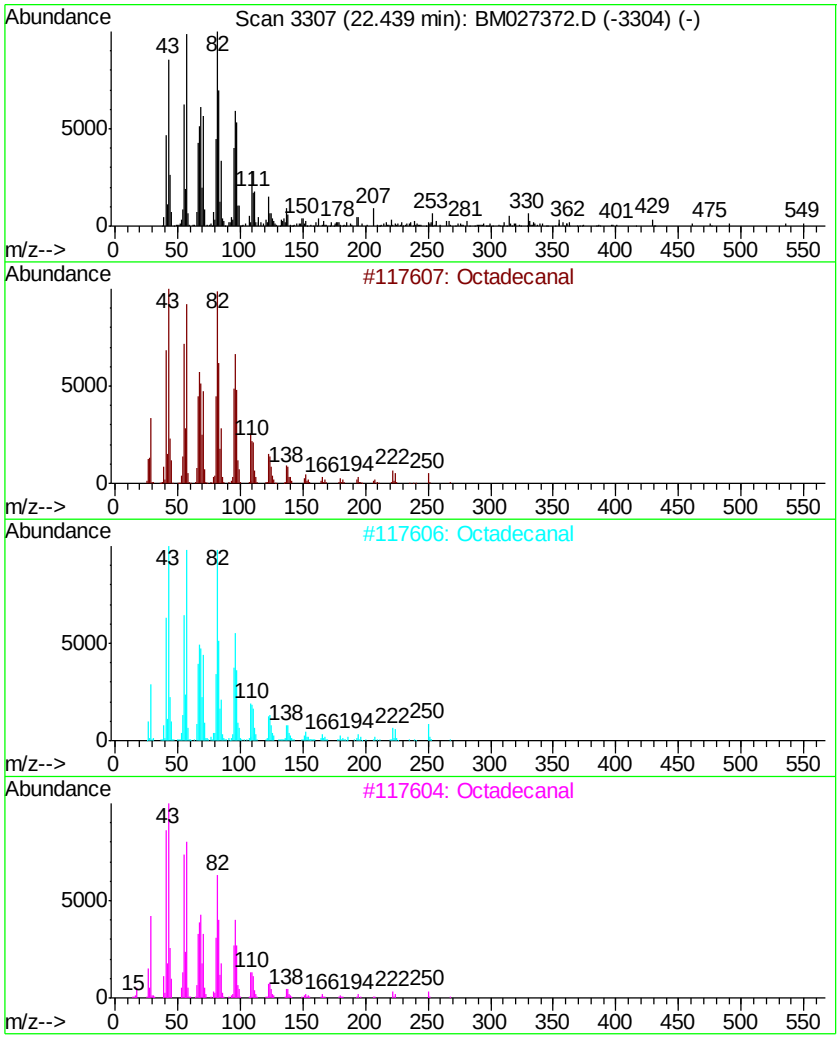
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

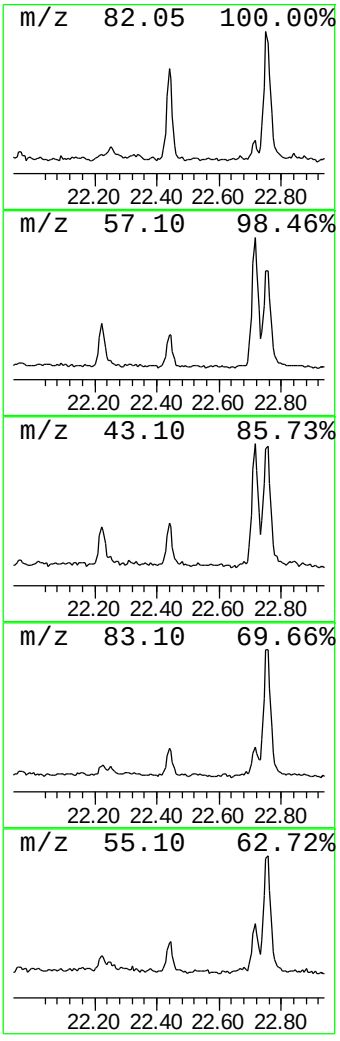
**********

Peak Number 5 Octadecanal Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.44 | 2.58 ng/ul | 351082 | Perylene-d12 | 23.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanal | 268 | C18H36O | 000638-66-4 | 95 |
| 2 | Octadecanal | 268 | C18H36O | 000638-66-4 | 93 |
| 3 | Octadecanal | 268 | C18H36O | 000638-66-4 | 91 |
| 4 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 87 |
| 5 | Tetradecanal | 212 | C14H28O | 000124-25-4 | 87 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027372.D
Acq On : 10 Sep 2020 14:10
Operator : JU/CG
Sample : L3855-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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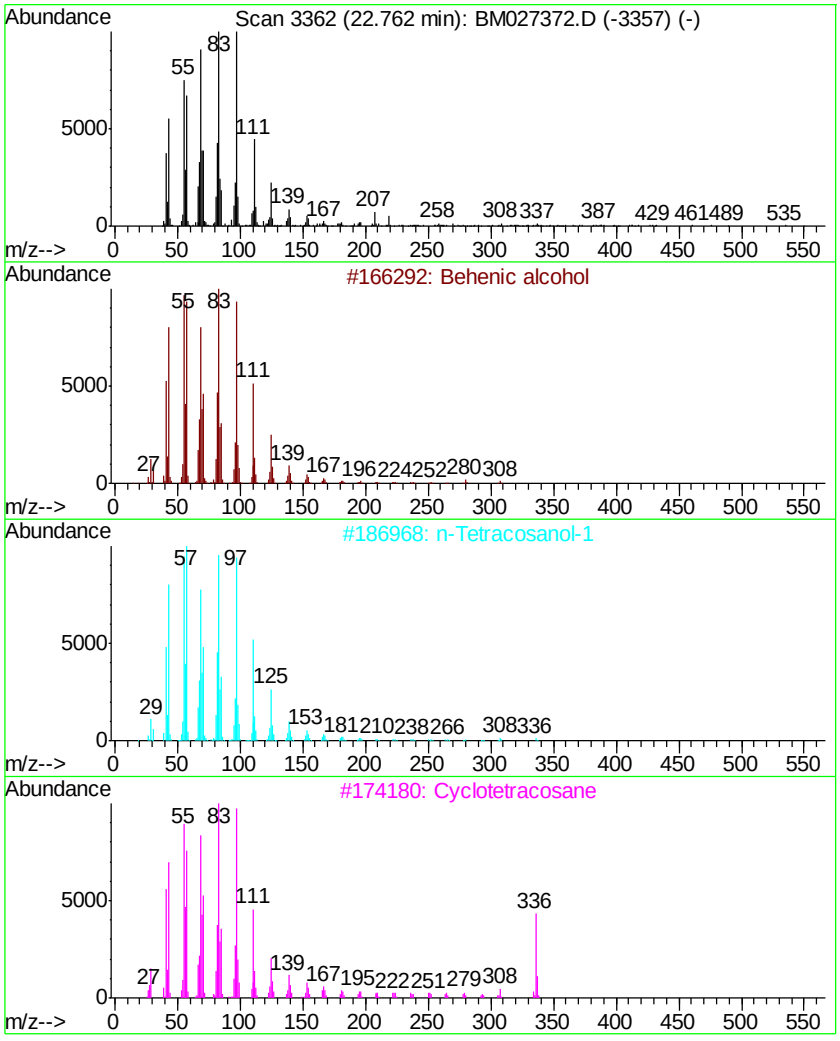
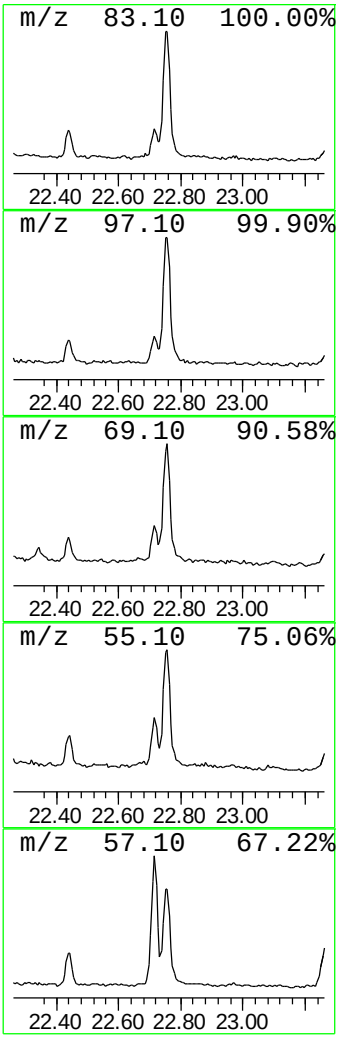
Peak Number 6 Behenic alcohol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.76 | 10.50 ng/ul | 1429050 | Perylene-d12 | 23.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 86 |
| 3 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 83 |
| 4 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 80 |
| 5 | 1-Eicosanol | 298 | C20H42O | 000629-96-9 | 72 |



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Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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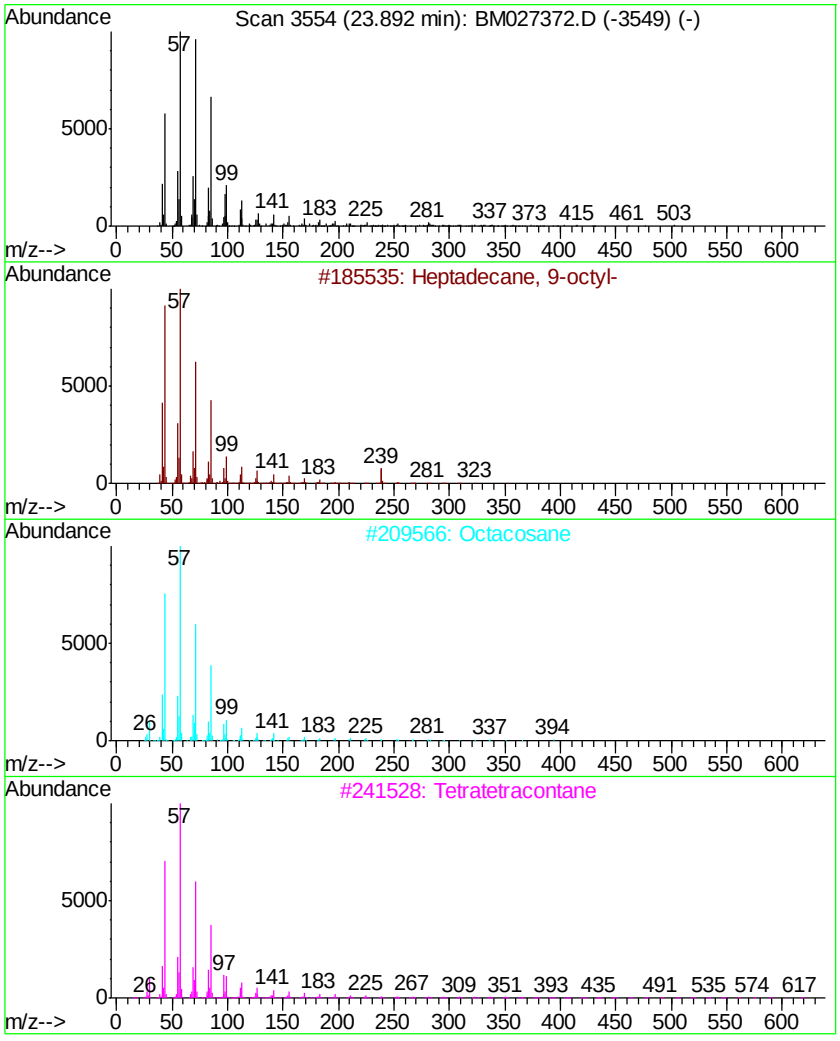
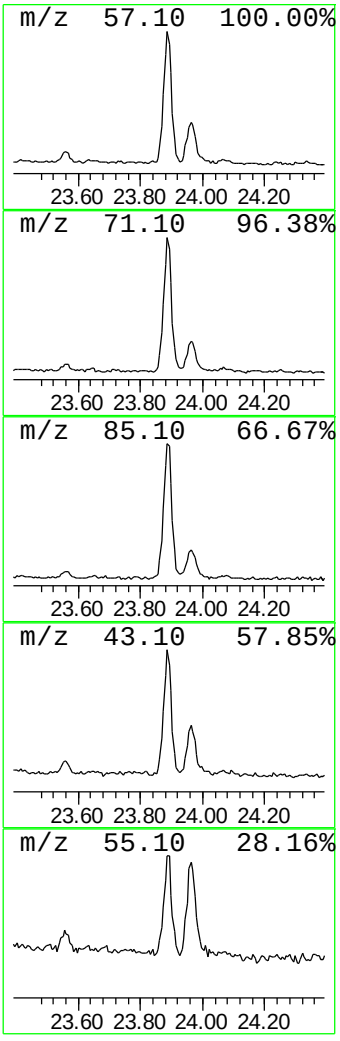
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.89 | 5.81 ng/ul | 790014 | Perylene-d12 | 23.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 89 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 74 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 74 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 74 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 68 |



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Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** EW273

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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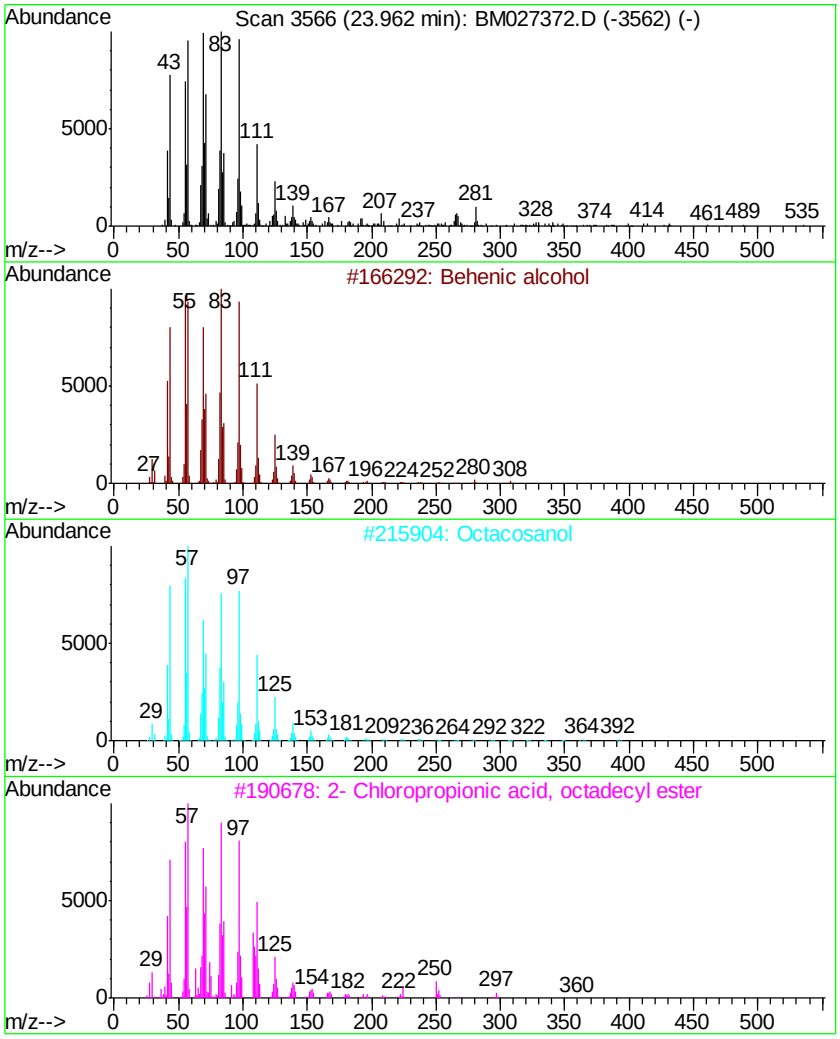
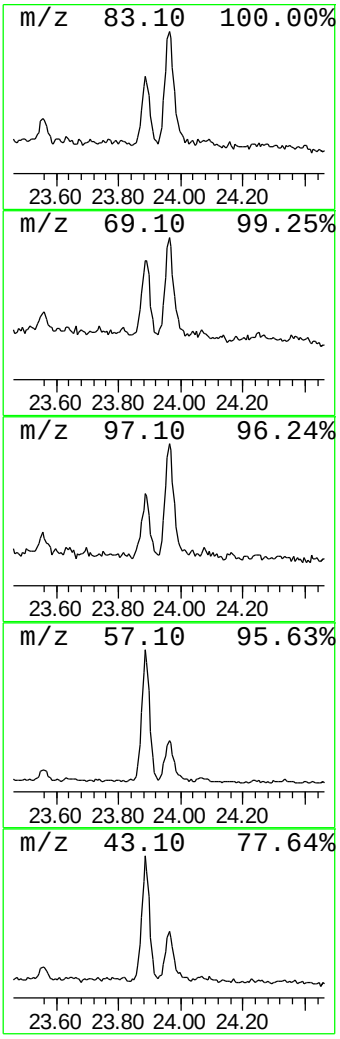
Peak Number 8 Octacosanol Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.96 | 3.88 ng/ul | 527798 | Perylene-d12 | 23.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 93 |
| 2 | Octacosanol | 410 | C28H58O | 000557-61-9 | 93 |
| 3 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 87 |
| 4 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 83 |
| 5 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 81 |



Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic acid | 17.89 | 6.6 | ng/ul | 1067830 | 4 | 16.96 | 3255570 | 20.0 |
| Octadecanoic acid | 19.17 | 4.3 | ng/ul | 779253 | 5 | 21.16 | 3616520 | 20.0 |
| Heptafluorobutyri... | 20.90 | 8.1 | ng/ul | 1468960 | 5 | 21.16 | 3616520 | 20.0 |
| 1-Heneicosyl formate | 21.78 | 5.8 | ng/ul | 1043080 | 5 | 21.16 | 3616520 | 20.0 |
| Octadecanal | 22.44 | 2.6 | ng/ul | 351082 | 6 | 23.33 | 2721700 | 20.0 |
| Behenic alcohol | 22.76 | 10.5 | ng/ul | 1429050 | 6 | 23.33 | 2721700 | 20.0 |
| (DEL) Alkane: Str... | 23.89 | 5.8 | ng/ul | 790014 | 6 | 23.33 | 2721700 | 20.0 |
| Octacosanol | 23.96 | 3.9 | ng/ul | 527798 | 6 | 23.33 | 2721700 | 20.0 |