LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

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-BM032219MA.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 | 3.128 | 21 | 24 | 30 | rBV | 17115 | 27981 | 1.08% | 0.100% |
| 2 | 3.716 | 120 | 124 | 131 | rVB4 | 8627 | 15178 | 0.59% | 0.054% |
| 3 | 4.175 | 198 | 202 | 207 | rBV7 | 3029 | 5870 | 0.23% | 0.021% |
| 4 | 4.716 | 290 | 294 | 298 | rBV | 9515 | 13323 | 0.52% | 0.048% |
| 5 | 6.757 | 636 | 641 | 658 | rBV | 164326 | 352061 | 13.62% | 1.256% |
| 6 | 6.928 | 665 | 670 | 685 | rBV | 132423 | 275482 | 10.66% | 0.983% |
| 7 | 7.104 | 694 | 700 | 718 | rVB | 213725 | 392113 | 15.17% | 1.399% |
| 8 | 7.569 | 773 | 779 | 788 | rBV | 379465 | 634950 | 24.56% | 2.266% |
| 9 | 7.634 | 788 | 790 | 793 | rVB4 | 3156 | 3604 | 0.14% | 0.013% |
| 10 | 8.292 | 895 | 902 | 920 | rBV | 202598 | 416620 | 16.11% | 1.487% |
| 11 | 8.428 | 922 | 925 | 928 | rVB4 | 3256 | 4033 | 0.16% | 0.014% |
| 12 | 8.745 | 972 | 979 | 998 | rBV | 179508 | 356746 | 13.80% | 1.273% |
| 13 | 9.069 | 1029 | 1034 | 1041 | rVB2 | 8476 | 13318 | 0.52% | 0.048% |
| 14 | 9.457 | 1094 | 1100 | 1113 | rBV | 159705 | 298539 | 11.55% | 1.065% |
| 15 | 9.992 | 1185 | 1191 | 1211 | rBV | 196056 | 443597 | 17.16% | 1.583% |
| 16 | 10.351 | 1244 | 1252 | 1263 | rBV | 554871 | 974224 | 37.68% | 3.476% |
| 17 | 10.522 | 1275 | 1281 | 1295 | rBV | 153323 | 405127 | 15.67% | 1.446% |
| 18 | 10.610 | 1295 | 1296 | 1299 | rVB2 | 5425 | 3810 | 0.15% | 0.014% |
| 19 | 12.927 | 1687 | 1690 | 1696 | rVB3 | 1369 | 3182 | 0.12% | 0.011% |
| 20 | 13.651 | 1807 | 1813 | 1818 | rBV | 513821 | 728953 | 28.20% | 2.601% |
| 21 | 13.698 | 1818 | 1821 | 1833 | rVB | 113979 | 182533 | 7.06% | 0.651% |
| 22 | 13.922 | 1853 | 1859 | 1872 | rBV | 577765 | 859340 | 33.24% | 3.066% |
| 23 | 14.116 | 1888 | 1892 | 1895 | rVB3 | 2711 | 3775 | 0.15% | 0.013% |
| 24 | 14.227 | 1905 | 1911 | 1921 | rBV2 | 830058 | 1301605 | 50.35% | 4.644% |
| 25 | 14.504 | 1952 | 1958 | 1980 | rBV3 | 52366 | 208556 | 8.07% | 0.744% |
| 26 | 14.657 | 1980 | 1984 | 1992 | rVV | 60942 | 96454 | 3.73% | 0.344% |
| 27 | 15.021 | 2041 | 2046 | 2050 | rVB2 | 5948 | 8151 | 0.32% | 0.029% |
| 28 | 15.074 | 2052 | 2055 | 2058 | rVB2 | 4303 | 4423 | 0.17% | 0.016% |
| 29 | 15.233 | 2075 | 2082 | 2091 | rBV | 754389 | 1134128 | 43.87% | 4.047% |
| 30 | 15.386 | 2102 | 2108 | 2119 | rBV | 106632 | 198386 | 7.67% | 0.708% |
| 31 | 15.474 | 2119 | 2123 | 2128 | rVB3 | 8593 | 10725 | 0.41% | 0.038% |
| 32 | 15.939 | 2198 | 2202 | 2203 | rBV2 | 3741 | 3610 | 0.14% | 0.013% |
| 33 | 15.986 | 2205 | 2210 | 2219 | rVB | 13239 | 27267 | 1.05% | 0.097% |
| 34 | 16.398 | 2275 | 2280 | 2286 | rBV2 | 17822 | 30417 | 1.18% | 0.109% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

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-BM032219MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.733 | 2332 | 2337 | 2340 | rBV3 | 3956 | 4929 | 0.19% | 0.018% |
| 36 | 16.780 | 2342 | 2345 | 2348 | rVV2 | 5277 | 5247 | 0.20% | 0.019% |
| 37 | 16.892 | 2360 | 2364 | 2370 | rBV5 | 3892 | 6454 | 0.25% | 0.023% |
| 38 | 16.992 | 2374 | 2381 | 2390 | rBV | 1131438 | 1601113 | 61.93% | 5.713% |
| 39 | 17.092 | 2392 | 2398 | 2409 | rVV2 | 829099 | 1230580 | 47.60% | 4.391% |
| 40 | 17.280 | 2425 | 2430 | 2433 | rBV3 | 4002 | 5979 | 0.23% | 0.021% |
| 41 | 17.333 | 2436 | 2439 | 2442 | rVV2 | 5559 | 6298 | 0.24% | 0.022% |
| 42 | 17.374 | 2442 | 2446 | 2449 | rVV5 | 7203 | 8651 | 0.33% | 0.031% |
| 43 | 17.474 | 2459 | 2463 | 2468 | rVB5 | 3667 | 5149 | 0.20% | 0.018% |
| 44 | 17.627 | 2484 | 2489 | 2490 | rBV2 | 2788 | 2950 | 0.11% | 0.011% |
| 45 | 17.762 | 2508 | 2512 | 2516 | rVB5 | 3873 | 5592 | 0.22% | 0.020% |
| 46 | 17.827 | 2518 | 2523 | 2527 | rBV5 | 12104 | 19189 | 0.74% | 0.068% |
| 47 | 17.880 | 2527 | 2532 | 2542 | rBV | 168222 | 274466 | 10.62% | 0.979% |
| 48 | 18.168 | 2576 | 2581 | 2584 | rBV4 | 5930 | 9016 | 0.35% | 0.032% |
| 49 | 18.439 | 2623 | 2627 | 2629 | rBV3 | 4143 | 4699 | 0.18% | 0.017% |
| 50 | 18.568 | 2645 | 2649 | 2651 | rVV4 | 4963 | 7734 | 0.30% | 0.028% |
| 51 | 18.598 | 2651 | 2654 | 2658 | rVV3 | 18816 | 24270 | 0.94% | 0.087% |
| 52 | 18.645 | 2658 | 2662 | 2666 | rVV | 31374 | 37596 | 1.45% | 0.134% |
| 53 | 18.686 | 2667 | 2669 | 2672 | rVV3 | 4846 | 3984 | 0.15% | 0.014% |
| 54 | 18.751 | 2675 | 2680 | 2685 | rBV6 | 7241 | 14204 | 0.55% | 0.051% |
| 55 | 18.804 | 2687 | 2689 | 2694 | rVB4 | 7629 | 8657 | 0.33% | 0.031% |
| 56 | 19.027 | 2723 | 2727 | 2729 | rBV2 | 20647 | 26632 | 1.03% | 0.095% |
| 57 | 19.051 | 2729 | 2731 | 2734 | rVB3 | 14633 | 19773 | 0.76% | 0.071% |
| 58 | 19.174 | 2748 | 2752 | 2763 | rBV2 | 98665 | 170612 | 6.60% | 0.609% |
| 59 | 19.398 | 2784 | 2790 | 2795 | rBV | 1202793 | 1573431 | 60.86% | 5.614% |
| 60 | 19.456 | 2795 | 2800 | 2807 | rVB5 | 46435 | 99254 | 3.84% | 0.354% |
| 61 | 19.556 | 2815 | 2817 | 2822 | rBV5 | 5322 | 6131 | 0.24% | 0.022% |
| 62 | 19.733 | 2843 | 2847 | 2850 | rBV | 429798 | 467982 | 18.10% | 1.670% |
| 63 | 19.774 | 2850 | 2854 | 2860 | rVB | 721516 | 742511 | 28.72% | 2.649% |
| 64 | 19.933 | 2878 | 2881 | 2885 | rVB2 | 26384 | 26034 | 1.01% | 0.093% |
| 65 | 20.433 | 2962 | 2966 | 2970 | rBV2 | 41248 | 55895 | 2.16% | 0.199% |
| 66 | 20.715 | 3010 | 3014 | 3016 | rBV | 194856 | 214306 | 8.29% | 0.765% |
| 67 | 20.745 | 3016 | 3019 | 3026 | rVB | 284484 | 294793 | 11.40% | 1.052% |
| 68 | 20.898 | 3041 | 3045 | 3053 | rBV2 | 402241 | 503840 | 19.49% | 1.798% |
| 69 | 21.198 | 3091 | 3096 | 3104 | rBV | 1777186 | 2351086 | 90.94% | 8.389% |
| 70 | 21.333 | 3116 | 3119 | 3123 | rBV | 178588 | 202219 | 7.82% | 0.722% |
| 71 | 21.580 | 3158 | 3161 | 3163 | rBV | 107392 | 106363 | 4.11% | 0.380% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

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-BM032219MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 21.609 | 3163 | 3166 | 3170 | rVB | 142902 | 147099 | 5.69% | 0.525% |
| 73 | 21.762 | 3188 | 3192 | 3195 | rBV | 278581 | 346020 | 13.38% | 1.235% |
| 74 | 22.209 | 3264 | 3268 | 3274 | rVB | 443050 | 558571 | 21.61% | 1.993% |
| 75 | 22.333 | 3286 | 3289 | 3295 | rVB | 143830 | 187308 | 7.25% | 0.668% |
| 76 | 22.521 | 3319 | 3321 | 3326 | rVB2 | 116949 | 131543 | 5.09% | 0.469% |
| 77 | 22.703 | 3347 | 3352 | 3358 | rVB | 474468 | 699483 | 27.06% | 2.496% |
| 78 | 23.256 | 3440 | 3446 | 3455 | rBV2 | 1427854 | 2585298 | 100.00% | 9.224% |
| 79 | 23.403 | 3464 | 3471 | 3481 | rVB | 1378191 | 2524612 | 97.65% | 9.008% |
| 80 | 23.874 | 3546 | 3551 | 3559 | rVB | 414132 | 721549 | 27.91% | 2.575% |
| 81 | 24.597 | 3669 | 3674 | 3681 | rVB2 | 259081 | 539340 | 20.86% | 1.924% |

Sum of corrected areas: 28026523

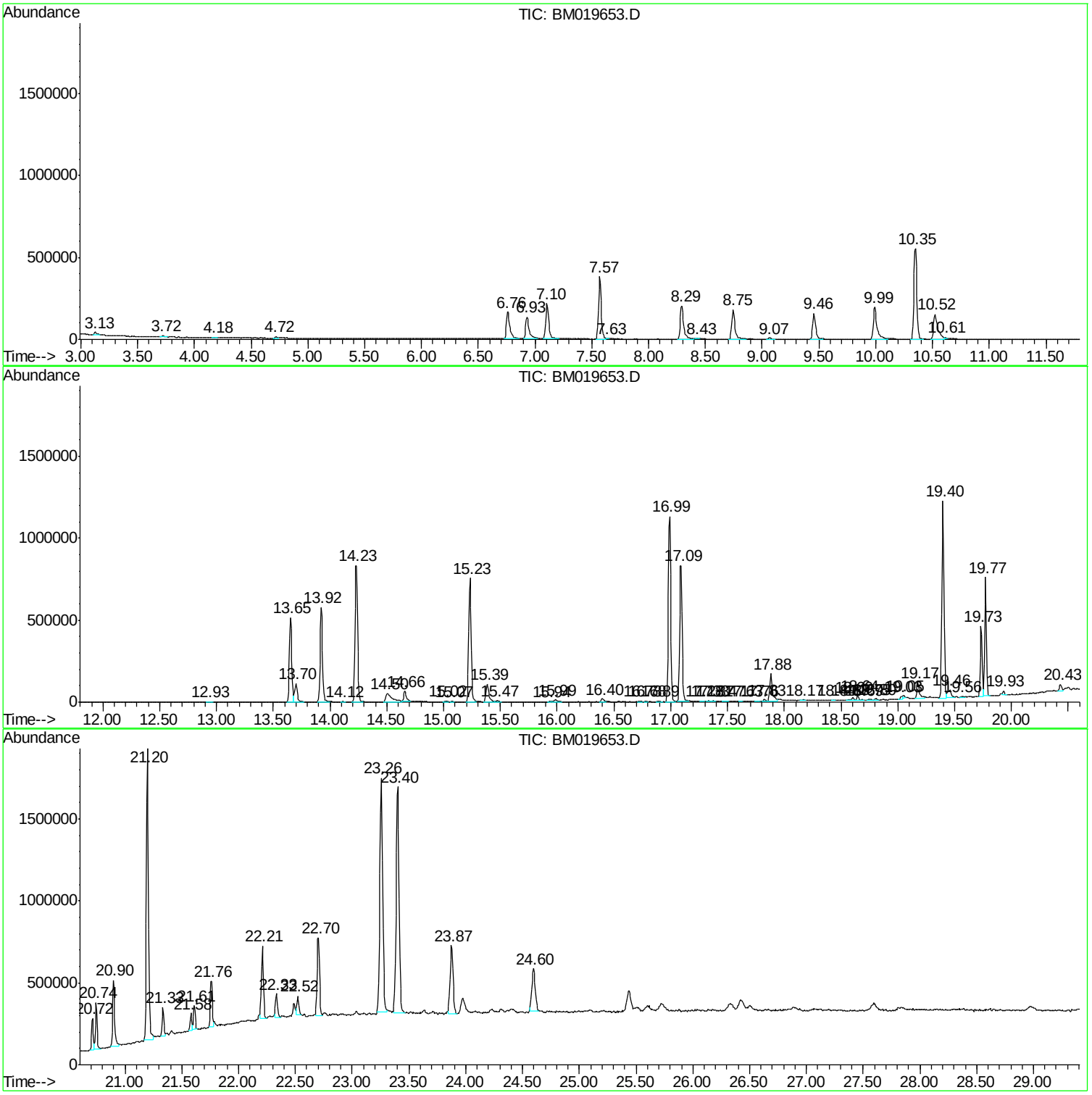
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

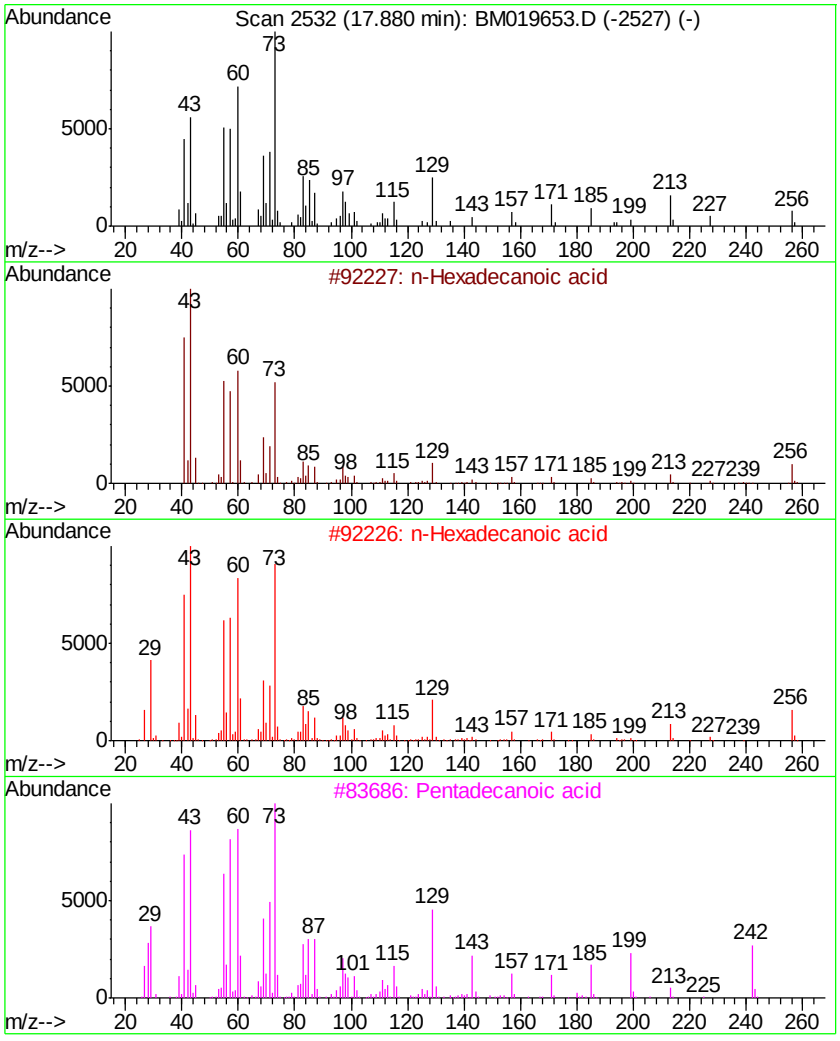
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

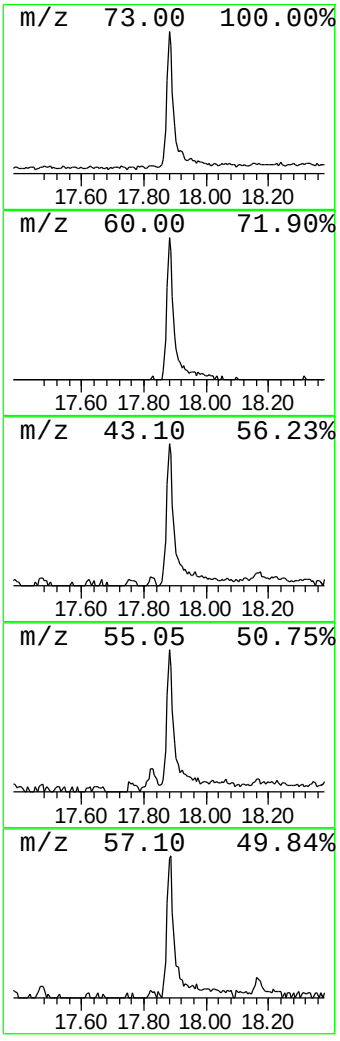
**********

Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.88 | 3.43 ng/ul | 274466 | Phenanthrene-d10 | 16.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 83 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 74 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

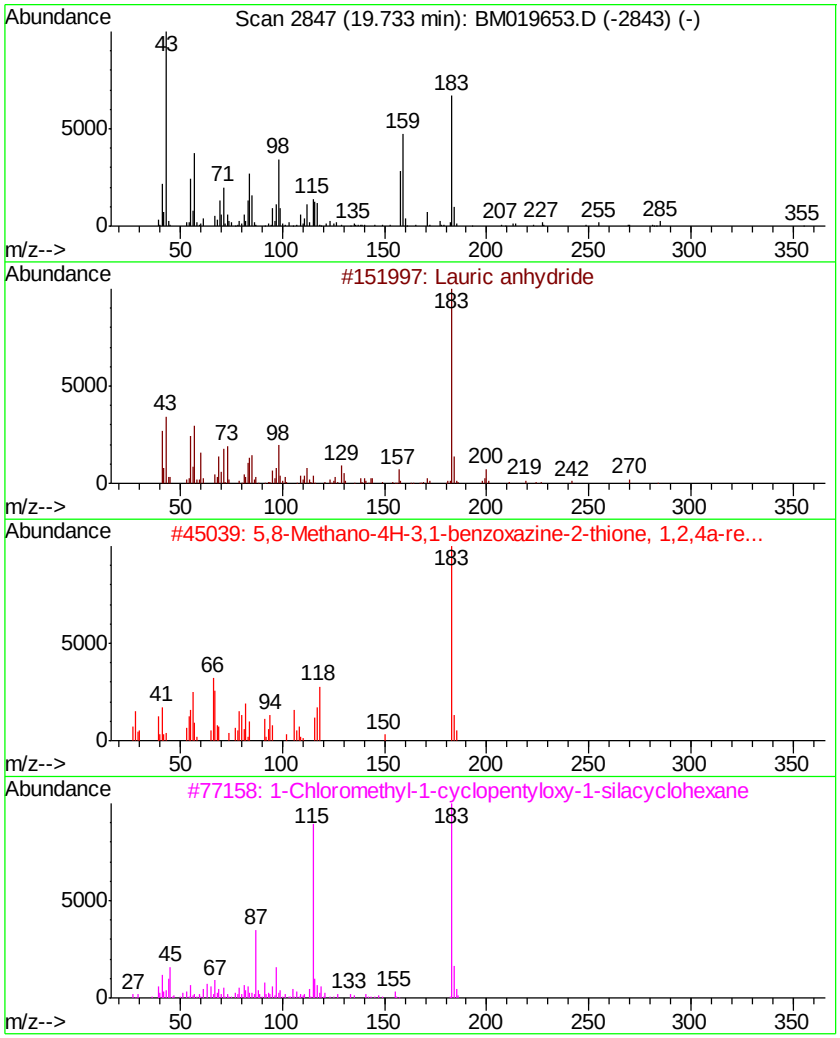
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

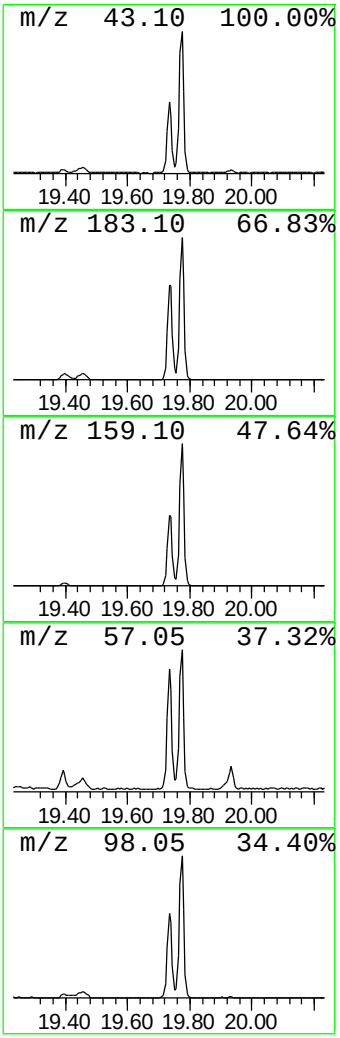
**********

Peak Number 2 unknown-01 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.73 | 3.98 ng/ul | 467982 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Lauric anhydride | 382 | C24H46O3 | 000645-66-9 | 25 |
| 2 | 5,8-Methano-4H-3,1-benzoxazine-2... | 183 | C9H13NOS | 1000142-76-7 | 16 |
| 3 | 1-Chloromethyl-1-cyclopentyloxy-... | 232 | C11H21ClOSi | 1000279-43-1 | 16 |
| 4 | Dodecanoyl chloride | 218 | C12H23ClO | 000112-16-3 | 14 |
| 5 | 4-Nitrophenyl laurate | 321 | C18H27NO4 | 001956-11-2 | 14 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

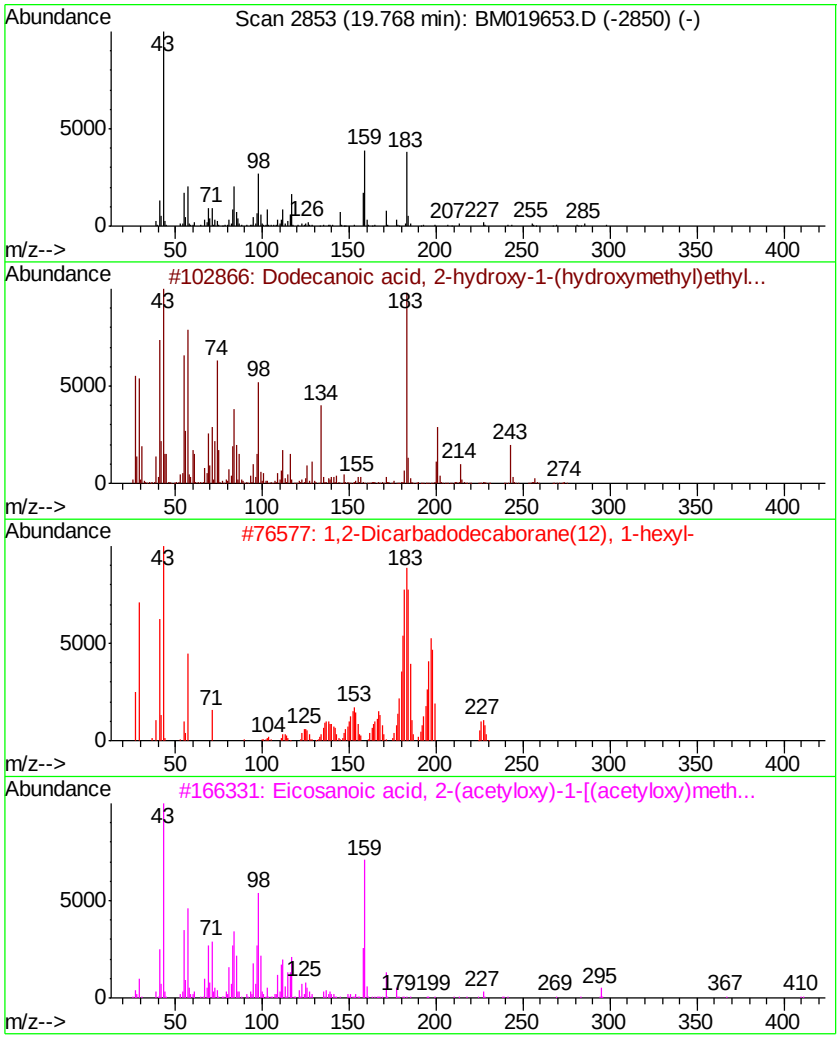
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

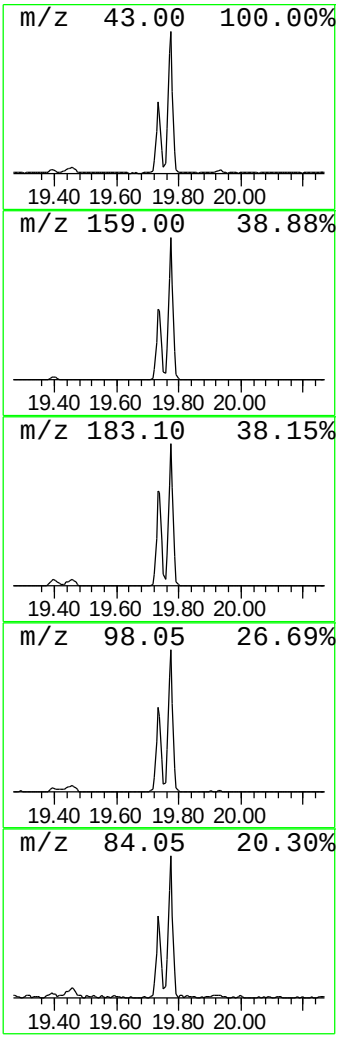
**********

Peak Number 3 unknown-02 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.77 | 6.32 ng/ul | 742511 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecanoic acid, 2-hydroxy-1-(hy... | 274 | C15H30O4 | 001678-45-1 | 12 |
| 2 | 1,2-Dicarbadodecaborane(12), 1-h... | 230 | C8H24B10 | 020740-05-0 | 11 |
| 3 | Eicosanoic acid, 2-(acetyloxy)-1... | 470 | C27H50O6 | 055429-68-0 | 10 |
| 4 | 9-Octadecenoic acid (Z)-, 2,3-bi... | 440 | C25H44O6 | 055401-64-4 | 10 |
| 5 | Eicosanoic acid, 2,3-bis(acetylo... | 470 | C27H50O6 | 055429-67-9 | 10 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

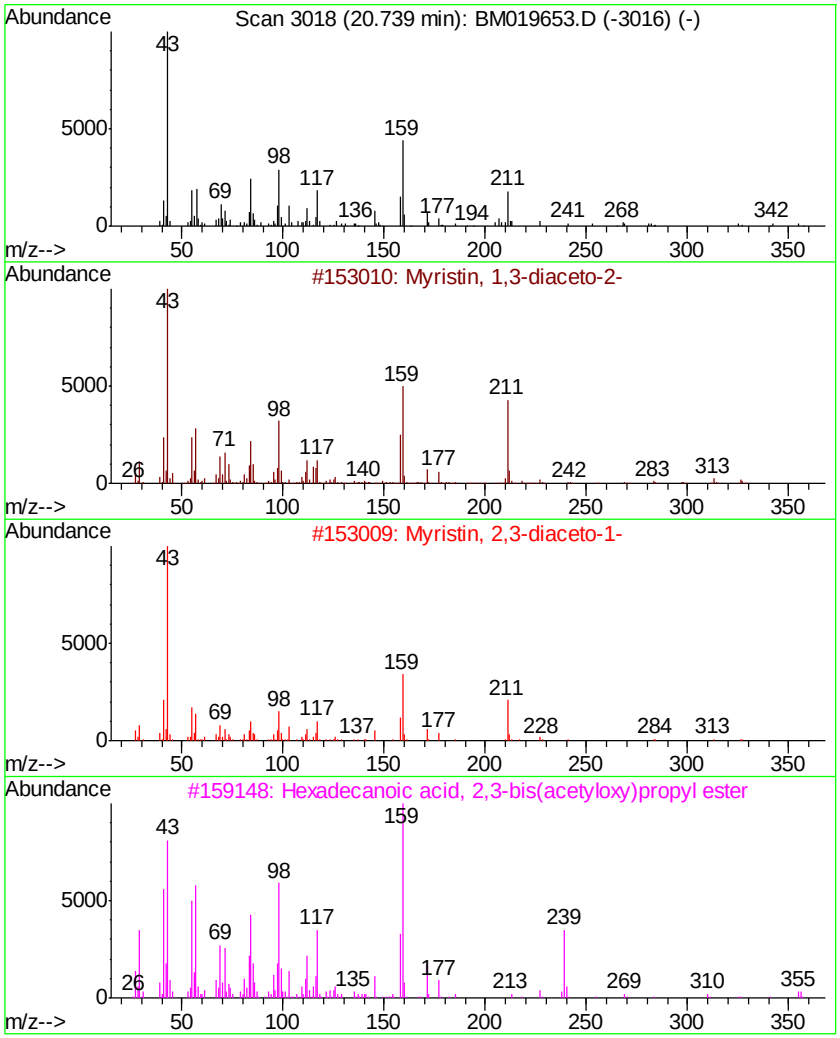
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

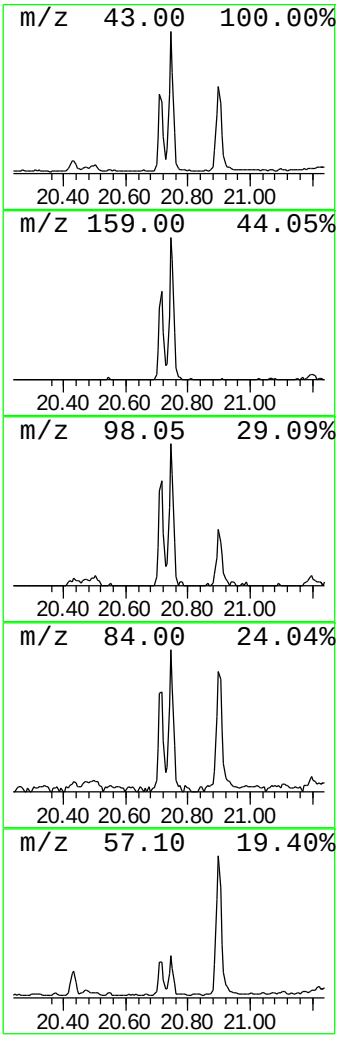
**********

Peak Number 4 Myristin, 1,3-diaceto-2- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.74 | 2.51 ng/ul | 294793 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Myristin, 1,3-diaceto-2- | 386 | C21H38O6 | 014290-23-4 | 64 |
| 2 | Myristin, 2,3-diaceto-1- | 386 | C21H38O6 | 014473-55-3 | 58 |
| 3 | Hexadecanoic acid, 2,3-bis(acetv... | 414 | C23H42O6 | 055268-70-7 | 43 |
| 4 | Myristin, 2,3-diaceto-1- | 386 | C21H38O6 | 014473-55-3 | 43 |
| 5 | Tetradecanoic acid, 2,3-dihydrox... | 302 | C17H34O4 | 000589-68-4 | 22 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

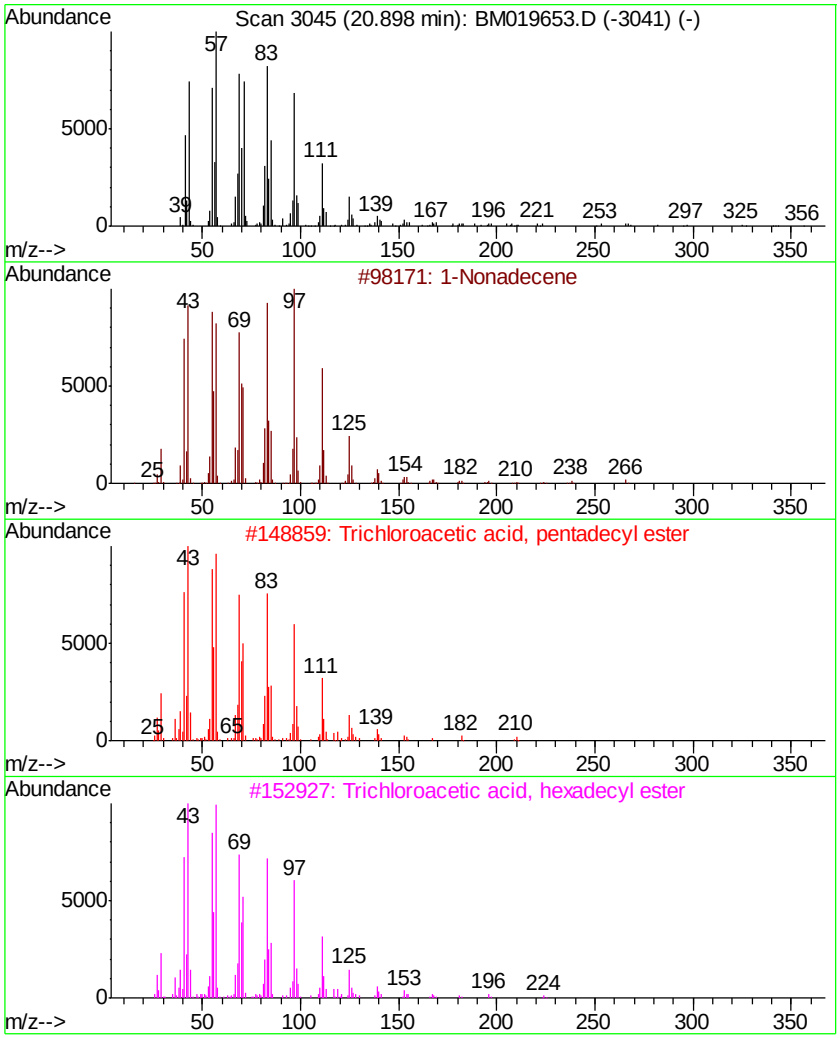
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

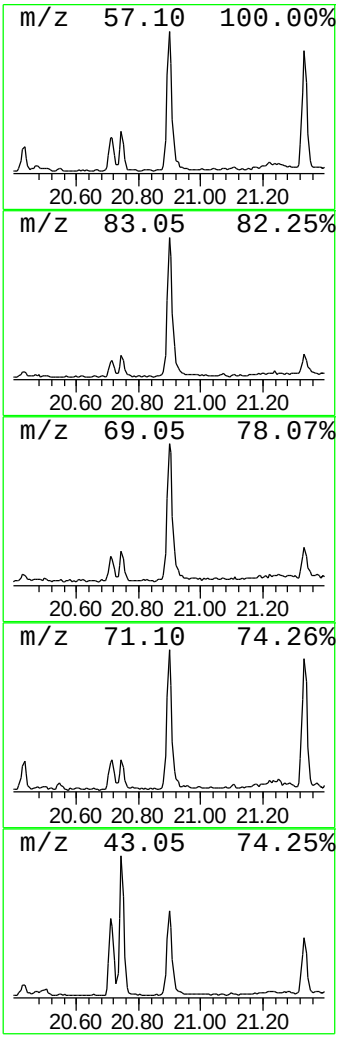
**********

Peak Number 5 (DEL) Alkane: Cyclic20.90 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.90 | 4.29 ng/ul | 503840 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 95 |
| 2 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 83 |
| 3 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 83 |
| 4 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 76 |
| 5 | 1-Heptadecanol | 256 | C17H36O | 001454-85-9 | 76 |



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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

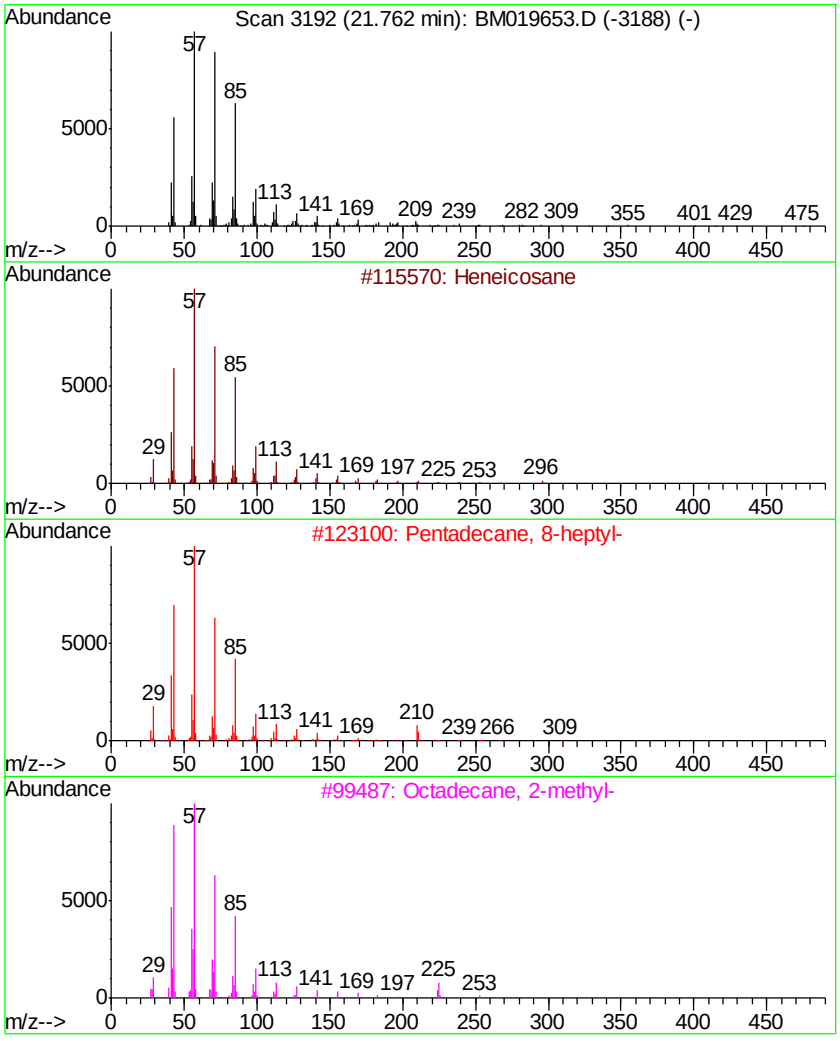
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

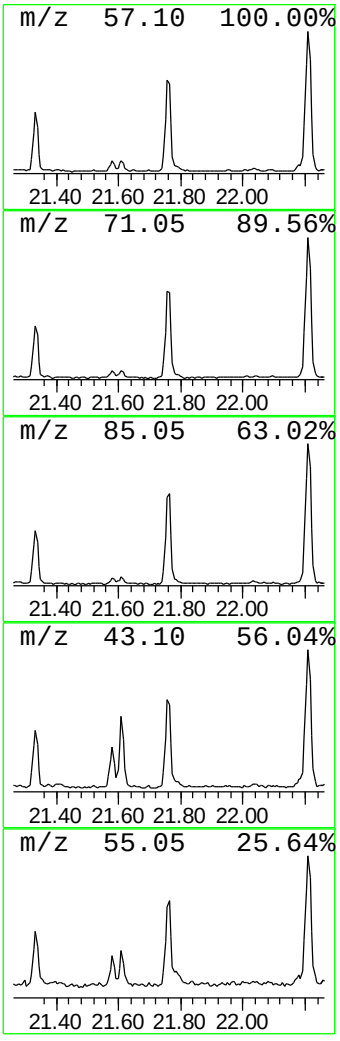
**********

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.76 | 2.94 ng/ul | 346020 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 90 |
| 3 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 90 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 89 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 87 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

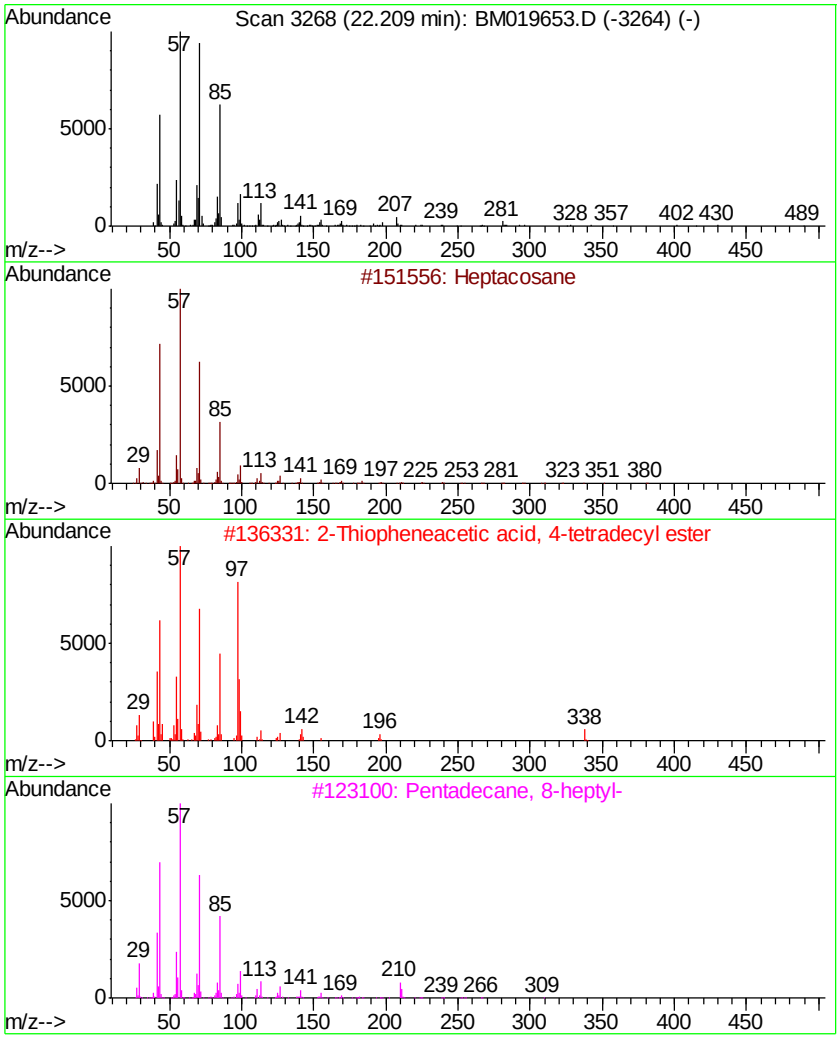
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

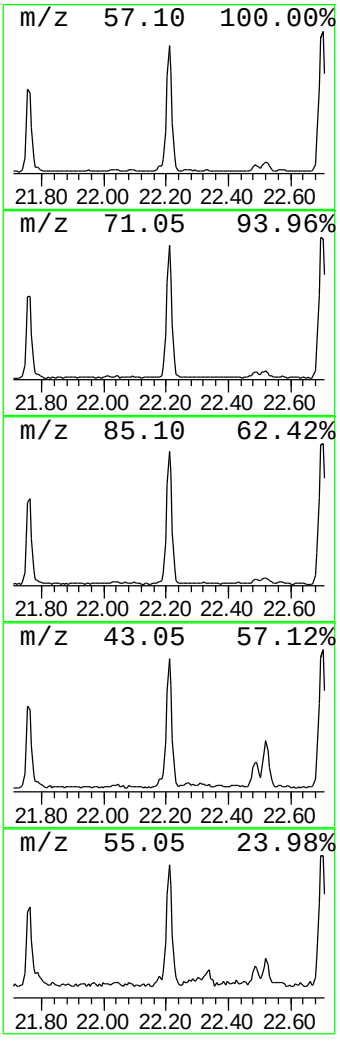
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.21 | 4.75 ng/ul | 558571 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 74 |
| 2 | 2-Thiopheneacetic acid, 4-tetrad... | 338 | C20H34O2S | 1000280-67-0 | 72 |
| 3 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 72 |
| 4 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 68 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

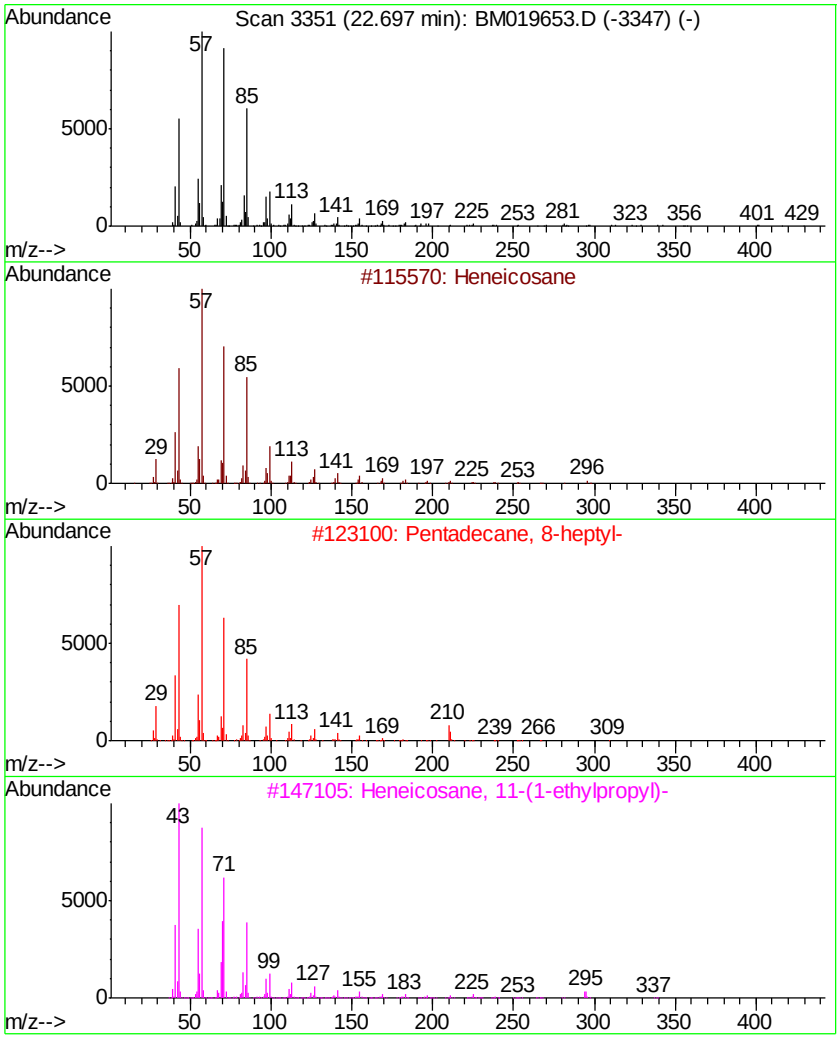
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

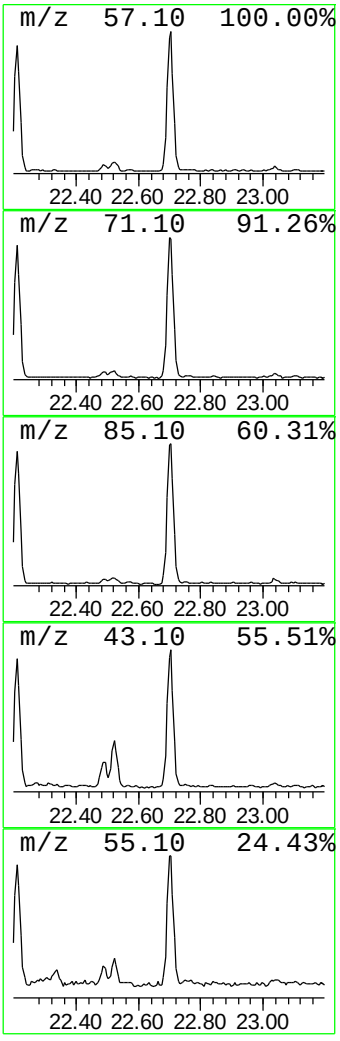
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.70 | 5.54 ng/ul | 699483 | Perylene-d12 | 23.40 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 91 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 91 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

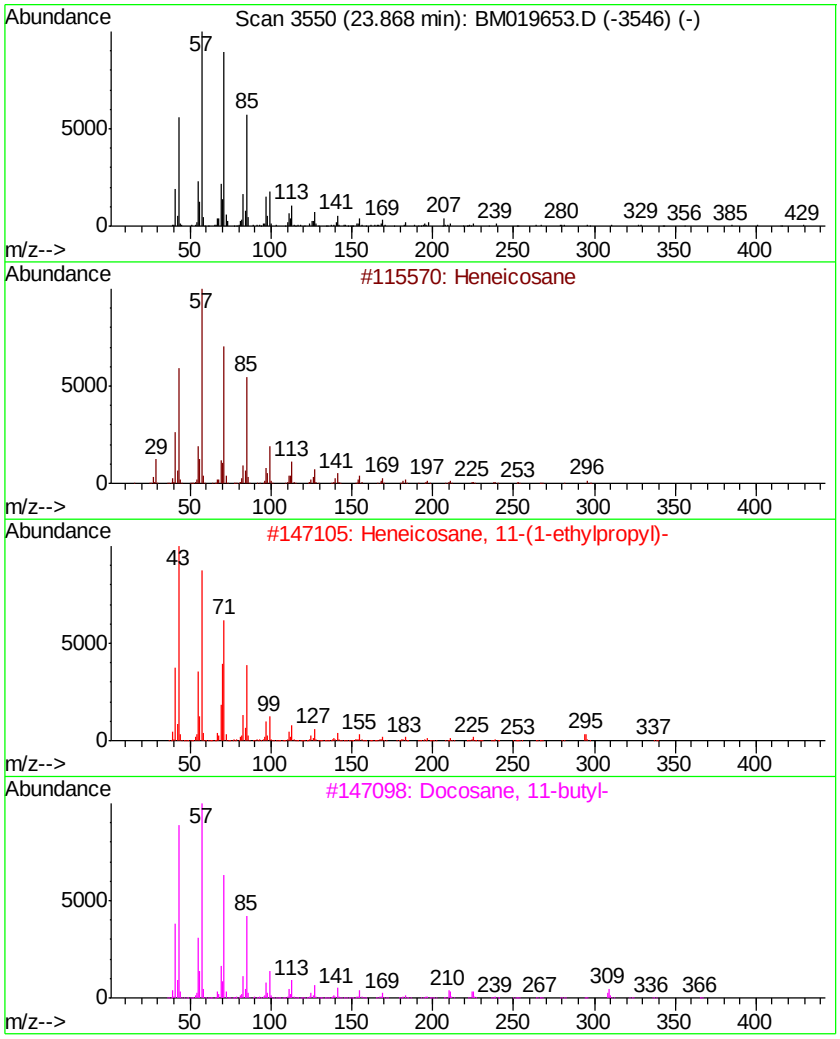
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

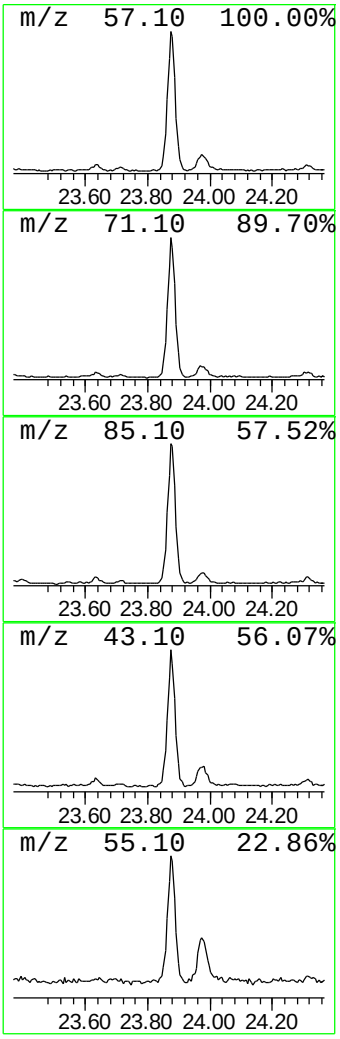
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.87 | 5.72 ng/ul | 721549 | Perylene-d12 | 23.40 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 91 |
| 3 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 90 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 87 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

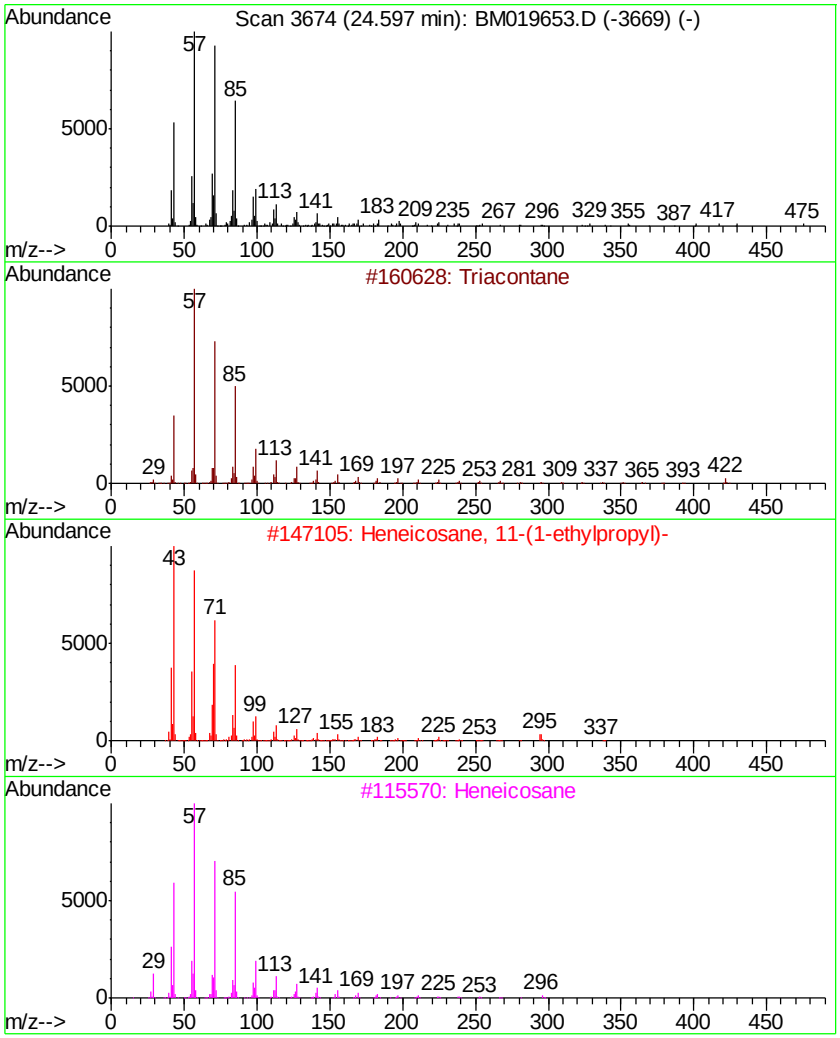
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

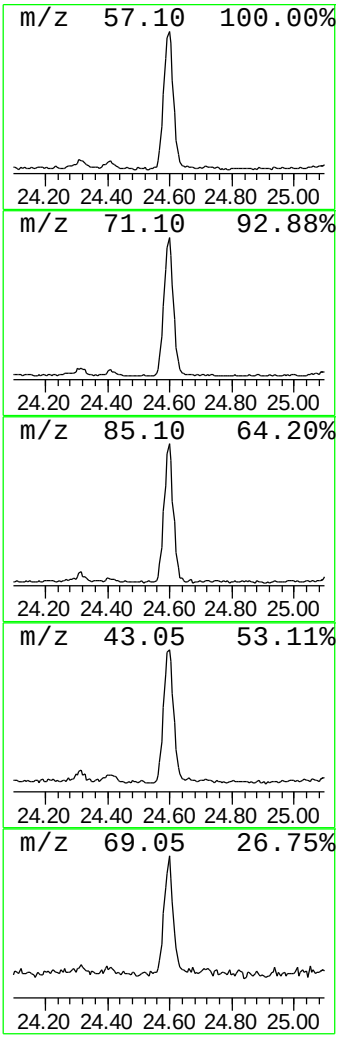
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.60 | 4.27 ng/ul | 539340 | Perylene-d12 | 23.40 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |
| 2 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019653.D
Acq On : 01 Apr 2019 13:58
Operator : JU/SJ
Sample : K2119-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BF598

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| n-Hexadecanoic acid | 17.88 | 3.4 | ng/ul | 274466 | 4 | 16.99 | 1601110 | 20.0 |
| unknown-01 | 19.73 | 4.0 | ng/ul | 467982 | 5 | 21.20 | 2351090 | 20.0 |
| unknown-02 | 19.77 | 6.3 | ng/ul | 742511 | 5 | 21.20 | 2351090 | 20.0 |
| Myristin, 1,3-dia... | 20.74 | 2.5 | ng/ul | 294793 | 5 | 21.20 | 2351090 | 20.0 |
| (DEL) Alkane: Cyc... | 20.90 | 4.3 | ng/ul | 503840 | 5 | 21.20 | 2351090 | 20.0 |
| (DEL) Alkane: Str... | 21.76 | 2.9 | ng/ul | 346020 | 5 | 21.20 | 2351090 | 20.0 |
| (DEL) Alkane: Str... | 22.21 | 4.8 | ng/ul | 558571 | 5 | 21.20 | 2351090 | 20.0 |
| (DEL) Alkane: Str... | 22.70 | 5.5 | ng/ul | 699483 | 6 | 23.40 | 2524610 | 20.0 |
| (DEL) Alkane: Str... | 23.87 | 5.7 | ng/ul | 721549 | 6 | 23.40 | 2524610 | 20.0 |
| (DEL) Alkane: Str... | 24.60 | 4.3 | ng/ul | 539340 | 6 | 23.40 | 2524610 | 20.0 |