LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

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_P\METHODS\SOM-EPA-BP021820MA.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 | 2.923 | 3 | 6 | 29 | rVB | 741298 | 1200447 | 6.60% | 0.636% |
| 2 | 3.176 | 45 | 49 | 58 | rBV | 119508 | 170458 | 0.94% | 0.090% |
| 3 | 3.446 | 92 | 95 | 102 | rBV | 21280 | 35965 | 0.20% | 0.019% |
| 4 | 3.905 | 169 | 173 | 178 | rVB | 14615 | 19772 | 0.11% | 0.010% |
| 5 | 4.387 | 250 | 255 | 263 | rVB2 | 26063 | 49034 | 0.27% | 0.026% |
| 6 | 4.805 | 321 | 326 | 332 | rBV | 25608 | 40883 | 0.22% | 0.022% |
| 7 | 5.040 | 360 | 366 | 379 | rVB5 | 12959 | 36077 | 0.20% | 0.019% |
| 8 | 6.369 | 588 | 592 | 601 | rVB6 | 10164 | 18674 | 0.10% | 0.010% |
| 9 | 6.834 | 660 | 671 | 684 | rBV | 2359297 | 3930213 | 21.60% | 2.081% |
| 10 | 6.993 | 689 | 698 | 712 | rVV | 1991733 | 3053751 | 16.79% | 1.617% |
| 11 | 7.187 | 724 | 731 | 744 | rBV | 2503043 | 4077754 | 22.42% | 2.159% |
| 12 | 7.652 | 803 | 810 | 819 | rBV | 1640430 | 2618906 | 14.40% | 1.387% |
| 13 | 7.734 | 819 | 824 | 832 | rVB2 | 14320 | 26283 | 0.14% | 0.014% |
| 14 | 7.893 | 845 | 851 | 860 | rBV5 | 18276 | 34617 | 0.19% | 0.018% |
| 15 | 8.358 | 922 | 930 | 943 | rBV | 3006859 | 4823938 | 26.52% | 2.554% |
| 16 | 8.799 | 997 | 1005 | 1019 | rBV | 2325517 | 3822649 | 21.01% | 2.024% |
| 17 | 8.981 | 1031 | 1036 | 1043 | rVB2 | 24951 | 38608 | 0.21% | 0.020% |
| 18 | 9.293 | 1082 | 1089 | 1096 | rVB | 71993 | 121331 | 0.67% | 0.064% |
| 19 | 9.516 | 1115 | 1127 | 1134 | rBV | 1962585 | 3244682 | 17.84% | 1.718% |
| 20 | 10.052 | 1210 | 1218 | 1233 | rBV | 3375557 | 5500802 | 30.24% | 2.912% |
| 21 | 10.428 | 1274 | 1282 | 1290 | rBV | 2327626 | 3896407 | 21.42% | 2.063% |
| 22 | 10.557 | 1296 | 1304 | 1320 | rBV | 2785613 | 4710277 | 25.89% | 2.494% |
| 23 | 10.834 | 1346 | 1351 | 1359 | rVB6 | 11474 | 22849 | 0.13% | 0.012% |
| 24 | 11.663 | 1485 | 1492 | 1500 | rBV2 | 10489 | 19650 | 0.11% | 0.010% |
| 25 | 12.022 | 1547 | 1553 | 1562 | rVB2 | 61920 | 105453 | 0.58% | 0.056% |
| 26 | 13.210 | 1747 | 1755 | 1760 | rBV3 | 53917 | 109291 | 0.60% | 0.058% |
| 27 | 13.704 | 1832 | 1839 | 1844 | rBV | 5747457 | 8319329 | 45.73% | 4.404% |
| 28 | 13.751 | 1844 | 1847 | 1854 | rVB | 996169 | 1263227 | 6.94% | 0.669% |
| 29 | 13.981 | 1877 | 1886 | 1898 | rBV | 6737377 | 10335013 | 56.81% | 5.472% |
| 30 | 14.293 | 1931 | 1939 | 1946 | rBV | 3502436 | 5424529 | 29.82% | 2.872% |
| 31 | 14.375 | 1949 | 1953 | 1958 | rVB4 | 18126 | 30017 | 0.17% | 0.016% |
| 32 | 14.493 | 1965 | 1973 | 1984 | rBV | 2586007 | 3948134 | 21.70% | 2.090% |
| 33 | 14.640 | 1994 | 1998 | 2006 | rVB3 | 24347 | 43010 | 0.24% | 0.023% |
| 34 | 14.716 | 2007 | 2011 | 2015 | rBV4 | 19168 | 30989 | 0.17% | 0.016% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 15.128 | 2076 | 2081 | 2084 | rBV3 | 17444 | 22289 | 0.12% | 0.012% |
| 36 | 15.187 | 2087 | 2091 | 2095 | rVB2 | 14024 | 19529 | 0.11% | 0.010% |
| 37 | 15.287 | 2101 | 2108 | 2121 | rVB | 8674066 | 12870697 | 70.75% | 6.814% |
| 38 | 15.404 | 2121 | 2128 | 2142 | rBV | 2574560 | 3496822 | 19.22% | 1.851% |
| 39 | 15.528 | 2144 | 2149 | 2155 | rVB | 107883 | 159858 | 0.88% | 0.085% |
| 40 | 16.075 | 2239 | 2242 | 2248 | rVB2 | 36930 | 52699 | 0.29% | 0.028% |
| 41 | 16.204 | 2260 | 2264 | 2271 | rBV8 | 9867 | 18679 | 0.10% | 0.010% |
| 42 | 16.475 | 2306 | 2310 | 2319 | rVB2 | 47417 | 75895 | 0.42% | 0.040% |
| 43 | 16.722 | 2349 | 2352 | 2356 | rVB2 | 18180 | 25908 | 0.14% | 0.014% |
| 44 | 16.828 | 2365 | 2370 | 2372 | rBV | 22854 | 40625 | 0.22% | 0.022% |
| 45 | 17.039 | 2400 | 2406 | 2416 | rVB | 4664688 | 6709978 | 36.89% | 3.552% |
| 46 | 17.139 | 2416 | 2423 | 2435 | rBV2 | 9220949 | 13427253 | 73.81% | 7.109% |
| 47 | 17.245 | 2437 | 2441 | 2448 | rBV3 | 50713 | 73323 | 0.40% | 0.039% |
| 48 | 17.839 | 2538 | 2542 | 2549 | rBV2 | 77046 | 139053 | 0.76% | 0.074% |
| 49 | 17.910 | 2550 | 2554 | 2558 | rBV4 | 52921 | 86903 | 0.48% | 0.046% |
| 50 | 17.969 | 2559 | 2564 | 2585 | rBV2 | 1827682 | 3227777 | 17.74% | 1.709% |
| 51 | 18.251 | 2608 | 2612 | 2621 | rBV2 | 58713 | 98504 | 0.54% | 0.052% |
| 52 | 18.798 | 2701 | 2705 | 2713 | rBV2 | 159527 | 222262 | 1.22% | 0.118% |
| 53 | 18.922 | 2723 | 2726 | 2729 | rBV2 | 46897 | 55415 | 0.30% | 0.029% |
| 54 | 18.975 | 2730 | 2735 | 2738 | rVV3 | 50861 | 82837 | 0.46% | 0.044% |
| 55 | 19.028 | 2740 | 2744 | 2747 | rVV | 137356 | 187056 | 1.03% | 0.099% |
| 56 | 19.063 | 2747 | 2750 | 2752 | rVV2 | 66336 | 92786 | 0.51% | 0.049% |
| 57 | 19.086 | 2752 | 2754 | 2764 | rVB3 | 90137 | 170474 | 0.94% | 0.090% |
| 58 | 19.204 | 2770 | 2774 | 2781 | rBV | 358619 | 532822 | 2.93% | 0.282% |
| 59 | 19.275 | 2782 | 2786 | 2792 | rVB | 138347 | 214262 | 1.18% | 0.113% |
| 60 | 19.386 | 2799 | 2805 | 2816 | rVB | 11880327 | 16752924 | 92.09% | 8.869% |
| 61 | 19.916 | 2891 | 2895 | 2898 | rBV2 | 107873 | 138916 | 0.76% | 0.074% |
| 62 | 20.875 | 3054 | 3058 | 3067 | rBV | 2359922 | 2781636 | 15.29% | 1.473% |
| 63 | 21.016 | 3079 | 3082 | 3088 | rVB3 | 89533 | 129911 | 0.71% | 0.069% |
| 64 | 21.133 | 3096 | 3102 | 3111 | rBV | 6395870 | 8184348 | 44.99% | 4.333% |
| 65 | 21.251 | 3118 | 3122 | 3129 | rBV | 389319 | 600963 | 3.30% | 0.318% |
| 66 | 21.310 | 3129 | 3132 | 3139 | rVB | 223600 | 290151 | 1.59% | 0.154% |
| 67 | 21.751 | 3202 | 3207 | 3218 | rBV2 | 460595 | 746976 | 4.11% | 0.395% |
| 68 | 22.192 | 3277 | 3282 | 3296 | rBV2 | 3068285 | 5200281 | 28.59% | 2.753% |
| 69 | 22.333 | 3302 | 3306 | 3314 | rVB | 1280071 | 1797454 | 9.88% | 0.952% |
| 70 | 22.616 | 3352 | 3354 | 3360 | rVB | 126935 | 180865 | 0.99% | 0.096% |
| 71 | 22.722 | 3366 | 3372 | 3385 | rVB2 | 1323216 | 2306653 | 12.68% | 1.221% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 23.045 | 3423 | 3427 | 3436 | rVB | 167283 | 307439 | 1.69% | 0.163% |
| 73 | 23.210 | 3447 | 3455 | 3463 | rBV | 9173685 | 18191447 | 100.00% | 9.631% |
| 74 | 23.292 | 3463 | 3469 | 3472 | rVV | 945240 | 1662552 | 9.14% | 0.880% |
| 75 | 23.351 | 3472 | 3479 | 3491 | rVB2 | 4434125 | 8508842 | 46.77% | 4.505% |
| 76 | 23.945 | 3573 | 3580 | 3586 | rBV | 1050944 | 2083086 | 11.45% | 1.103% |
| 77 | 24.016 | 3587 | 3592 | 3607 | rVB | 512468 | 1094917 | 6.02% | 0.580% |
| 78 | 24.651 | 3694 | 3700 | 3703 | rBV4 | 349551 | 734376 | 4.04% | 0.389% |
| 79 | 24.692 | 3704 | 3707 | 3714 | rVB | 433792 | 881373 | 4.84% | 0.467% |
| 80 | 25.574 | 3852 | 3857 | 3869 | rVB2 | 358746 | 933768 | 5.13% | 0.494% |
| 81 | 25.710 | 3874 | 3880 | 3888 | rVB3 | 238626 | 617799 | 3.40% | 0.327% |
| 82 | 26.421 | 3994 | 4001 | 4015 | rVB3 | 498468 | 1529612 | 8.41% | 0.810% |

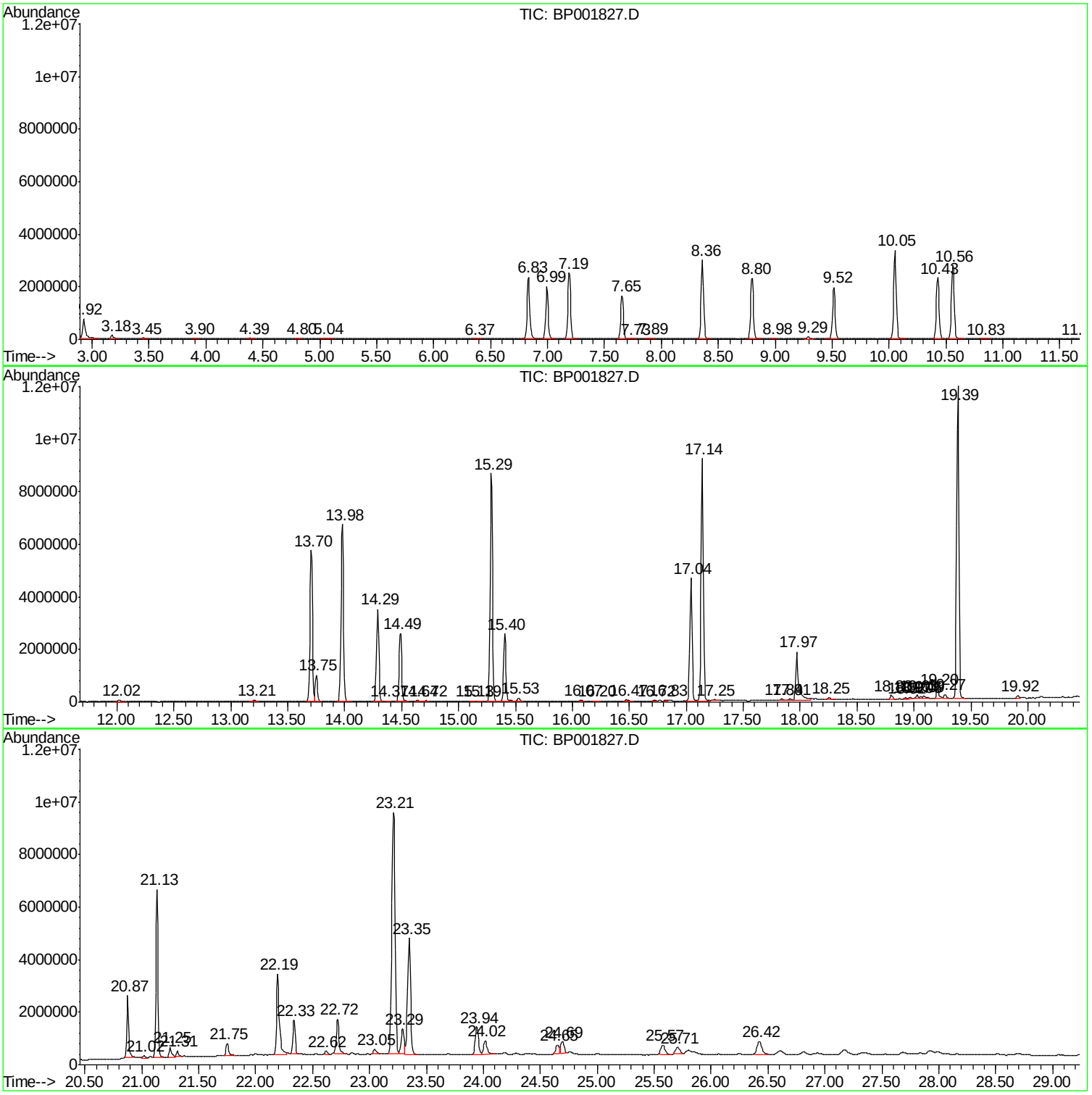
Sum of corrected areas: 188883014

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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 P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

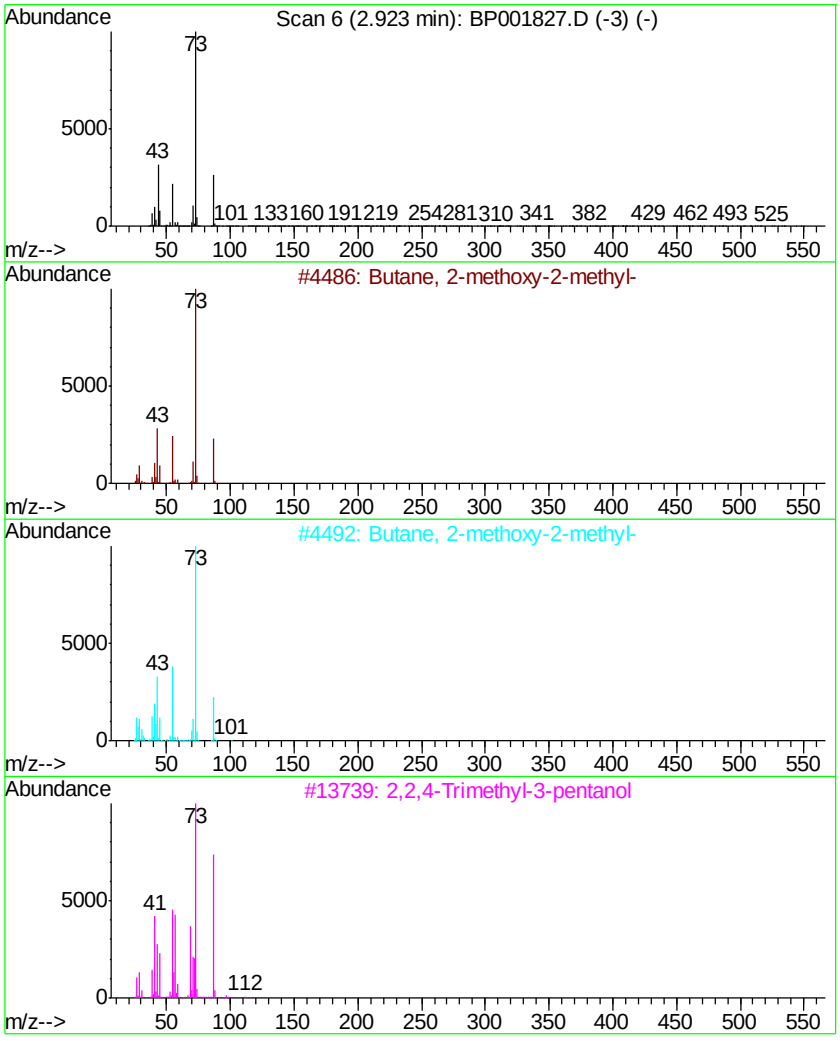
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

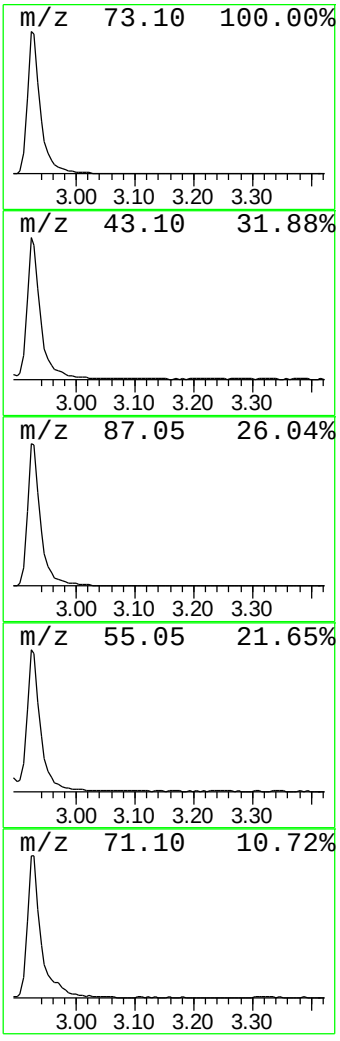
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.92 | 9.17 ng/ul | 1200450 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 86 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 74 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 5 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 9 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

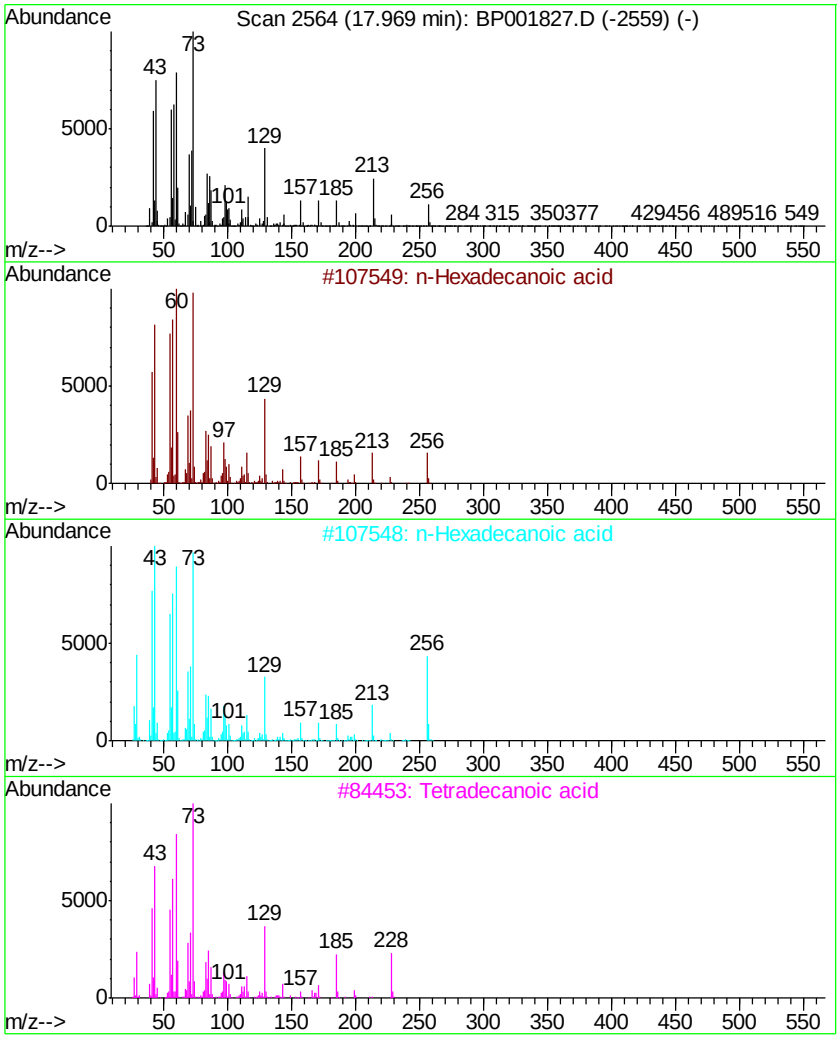
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

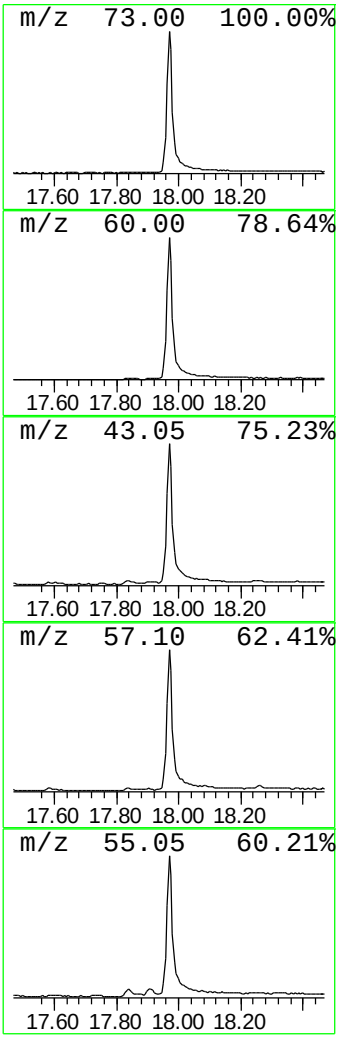
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.97 | 9.62 ng/ul | 3227780 | Phenanthrene-d10 | 17.04 |

| 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 | 99 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 94 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

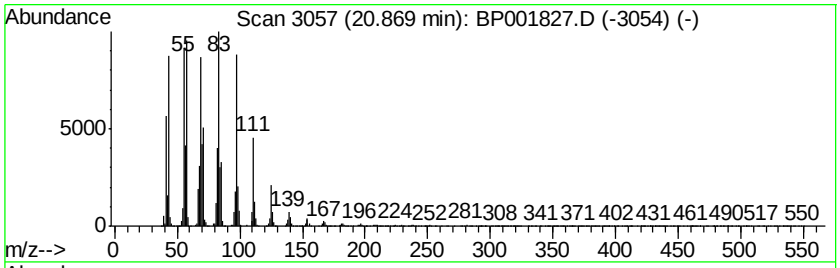
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

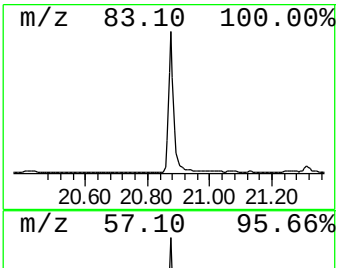
**********

Peak Number 3 2- Chloropropionic acid, oc... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.87 | 6.80 ng/ul | 2781640 | Chrysene-d12 | 21.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 94 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 94 |
| 4 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 5 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

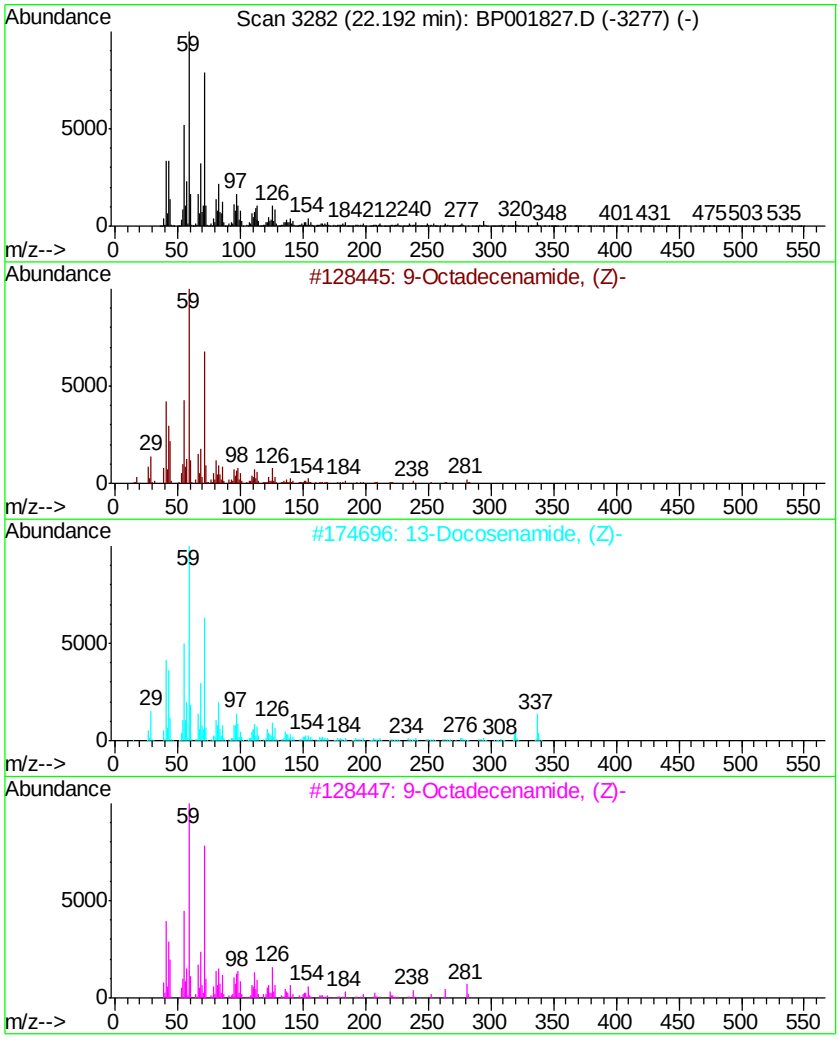
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

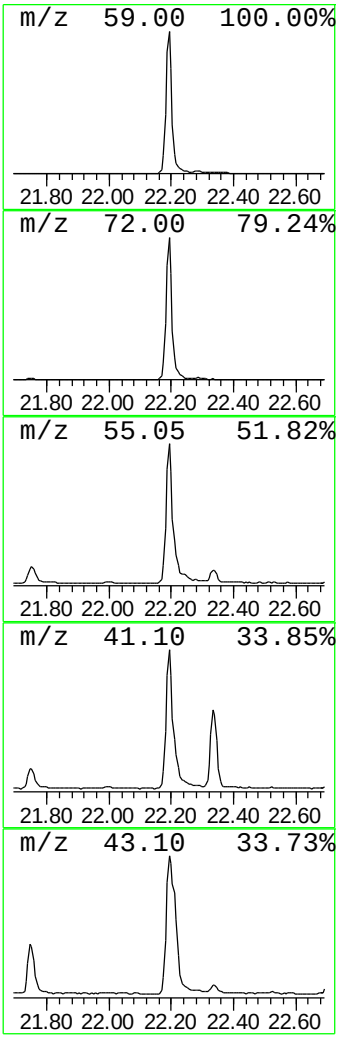
**********

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.19 | 12.71 ng/ul | 5200280 | Chrysene-d12 | 21.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 87 |
| 2 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 83 |
| 3 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 72 |
| 4 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 72 |
| 5 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 49 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

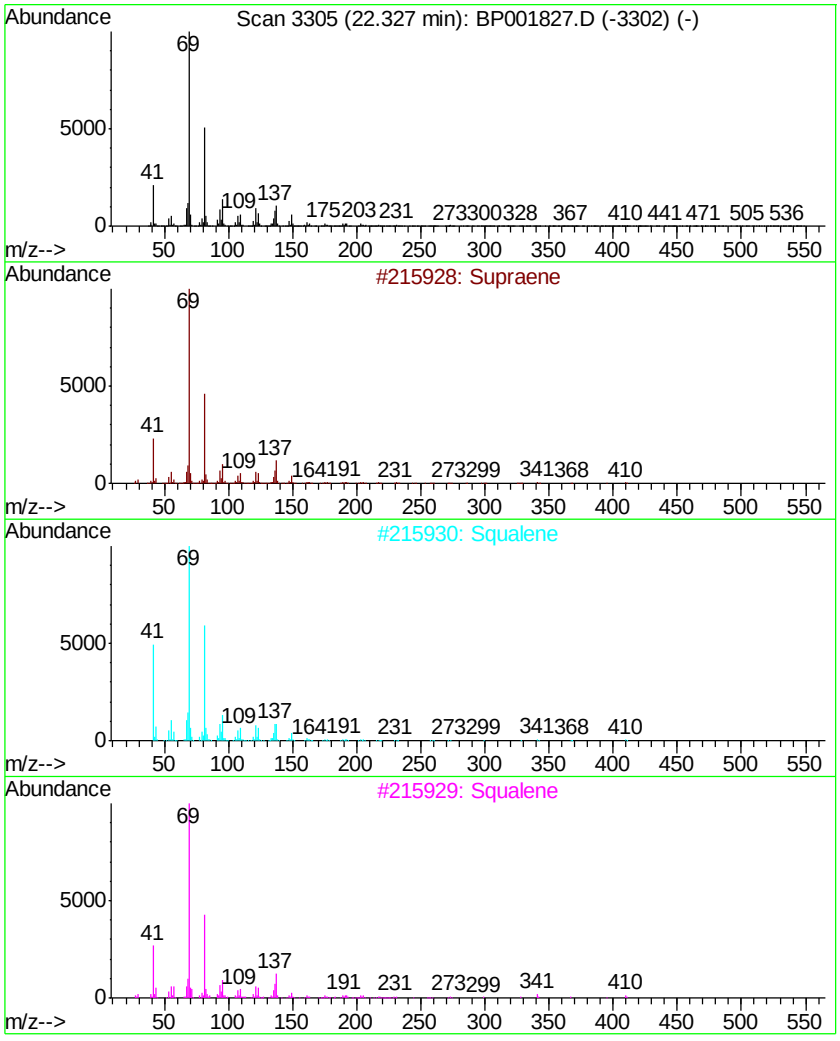
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

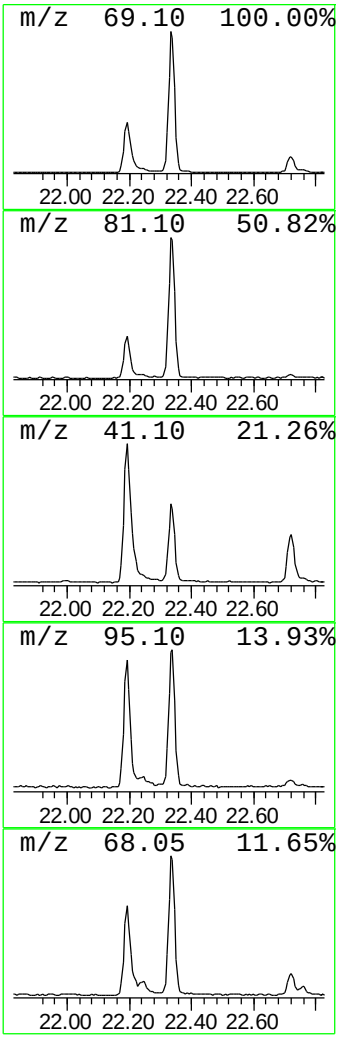
**********

Peak Number 5 Supraene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.33 | 4.22 ng/ul | 1797450 | Perylene-d12 | 23.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Supraene | 410 | C30H50 | 007683-64-9 | 91 |
| 2 | Squalene | 410 | C30H50 | 000111-02-4 | 91 |
| 3 | Squalene | 410 | C30H50 | 000111-02-4 | 91 |
| 4 | Squalene | 410 | C30H50 | 000111-02-4 | 91 |
| 5 | Squalene | 410 | C30H50 | 000111-02-4 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

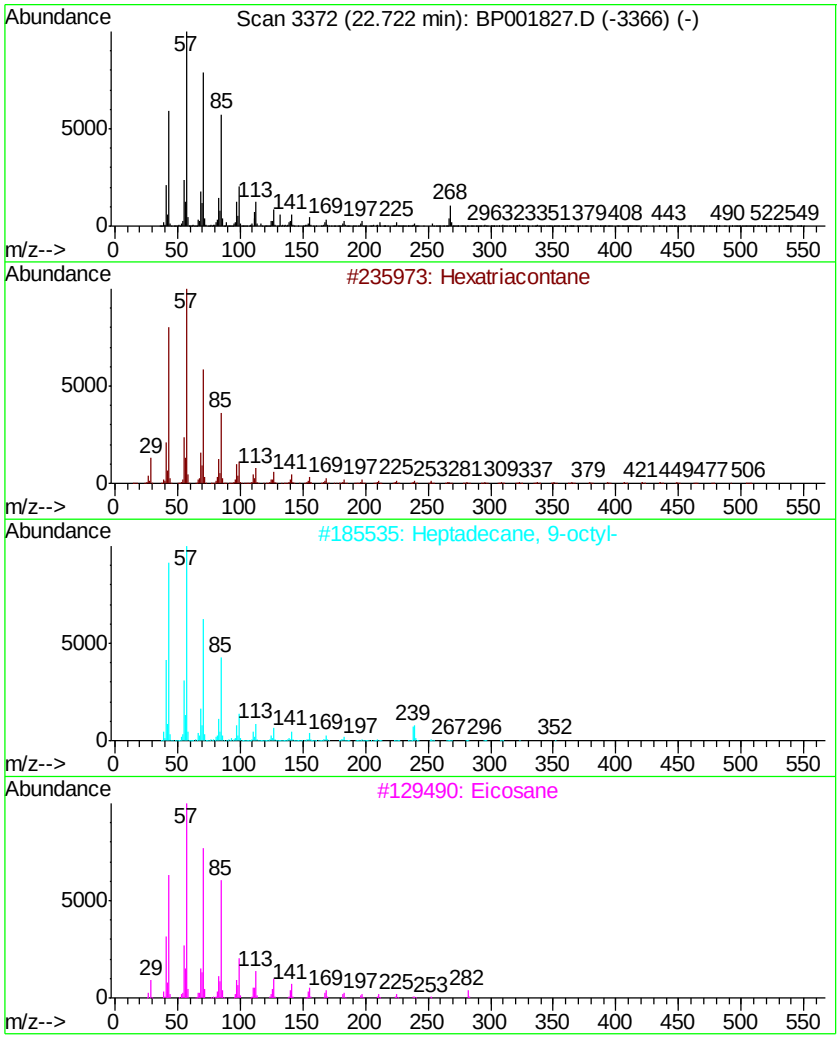
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

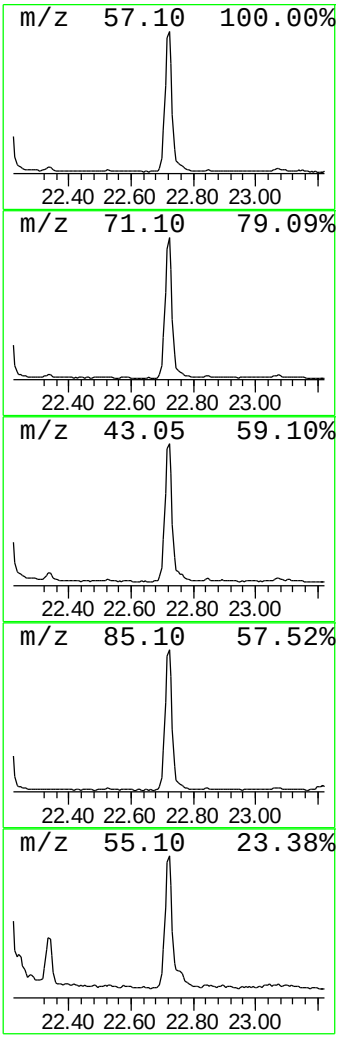
**********

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.72 | 5.42 ng/ul | 2306650 | Perylene-d12 | 23.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 94 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 94 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

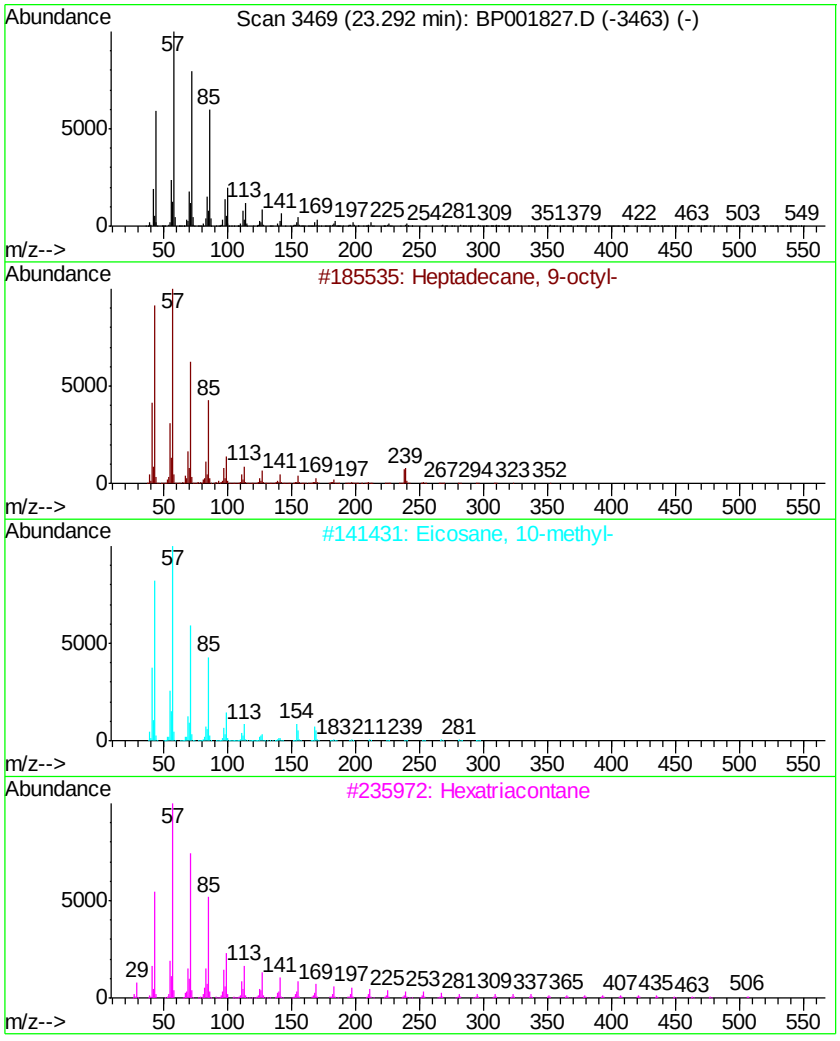
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

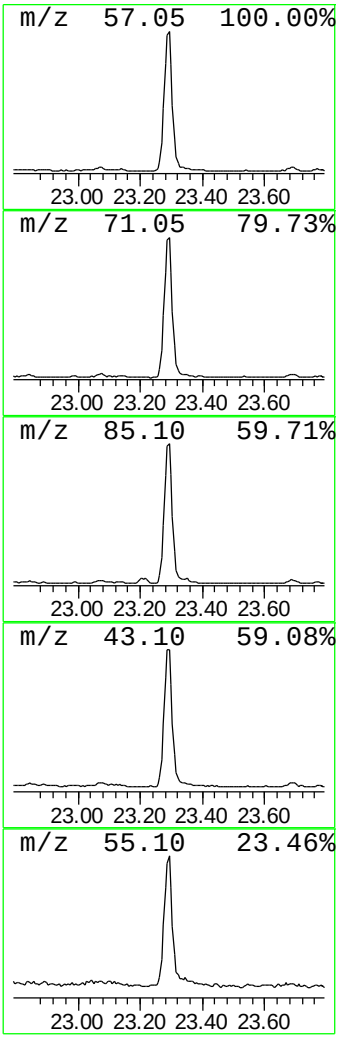
**********

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.29 | 3.91 ng/ul | 1662550 | Perylene-d12 | 23.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 95 |
| 2 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 93 |
| 3 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 91 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 5 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

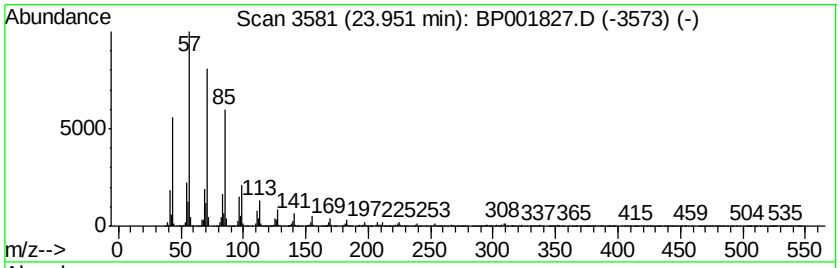
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

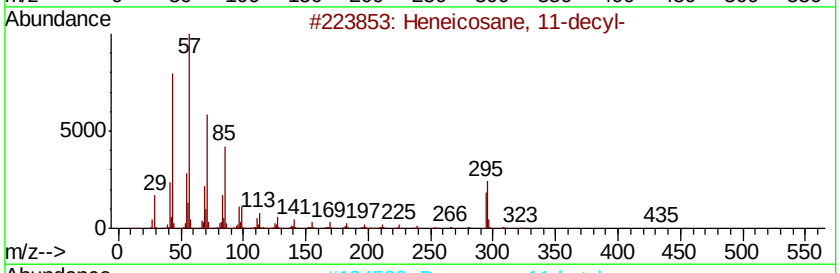
**********

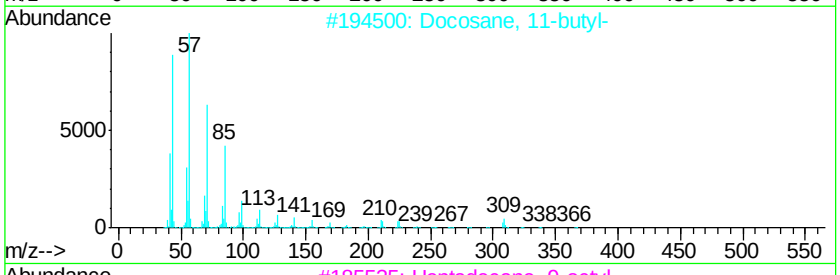
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

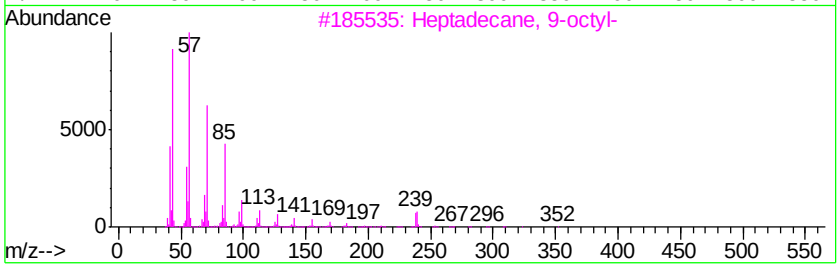
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.95 | 4.90 ng/ul | 2083090 | Perylene-d12 | 23.35 |

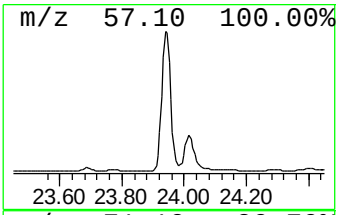
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 95 |
| 2 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 94 |
| 3 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 93 |
| 4 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 93 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |

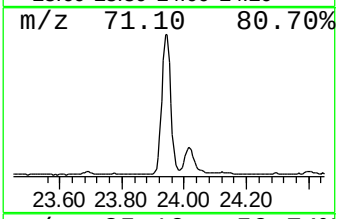


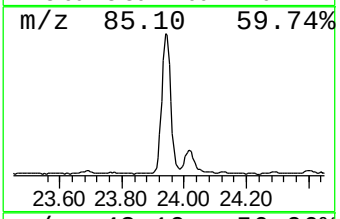



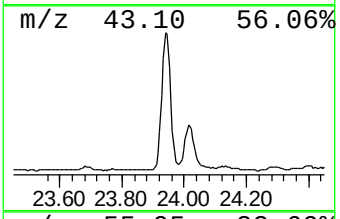



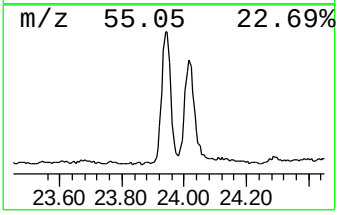



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

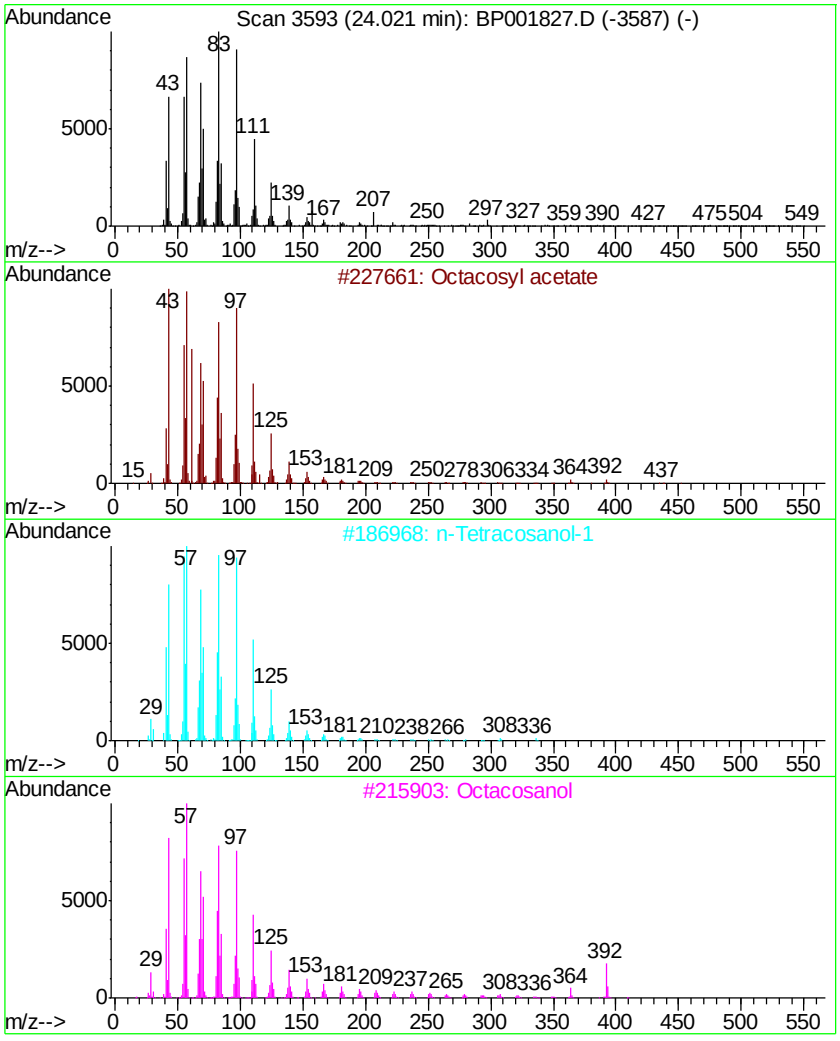
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

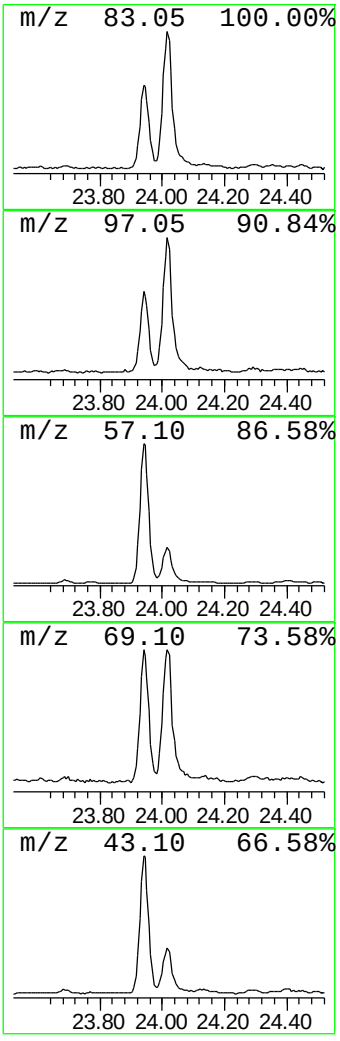
**********

Peak Number 9 Octacosyl acetate Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.02 | 2.57 ng/ul | 1094920 | Perylene-d12 | 23.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosyl acetate | 452 | C30H60O2 | 018206-97-8 | 98 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 95 |
| 3 | Octacosanol | 410 | C28H58O | 000557-61-9 | 94 |
| 4 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 94 |
| 5 | Triacontyl acetate | 480 | C32H64O2 | 041755-58-2 | 92 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

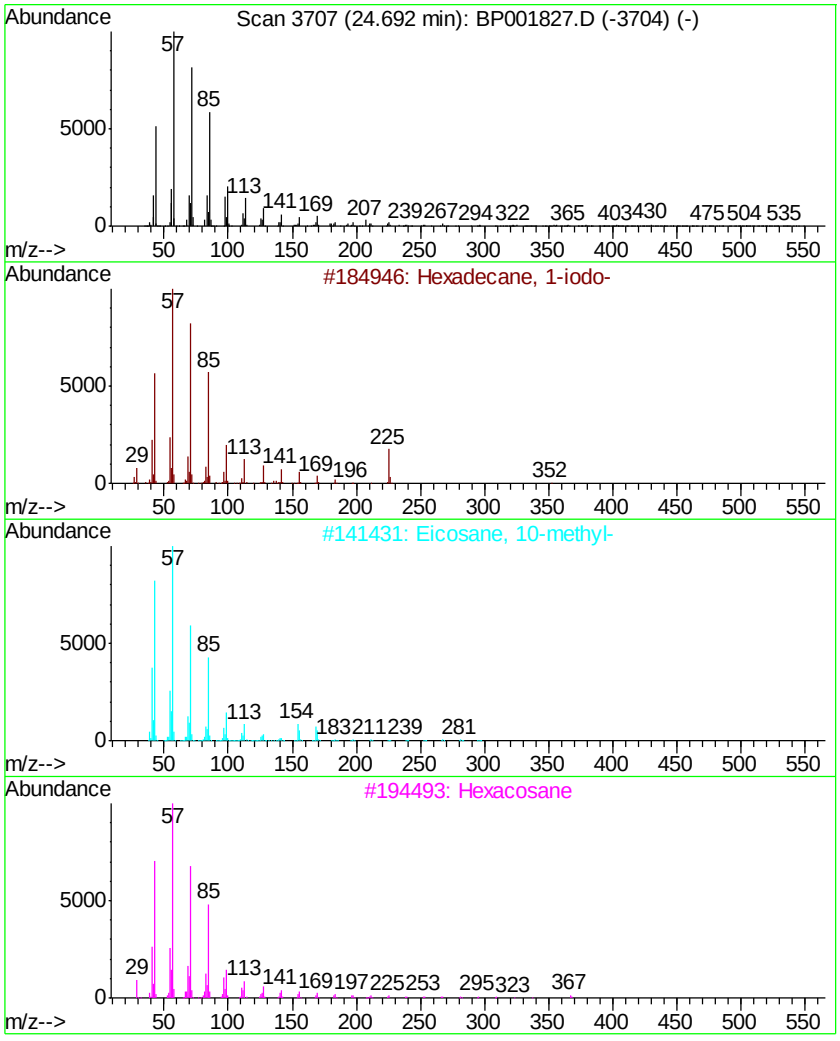
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

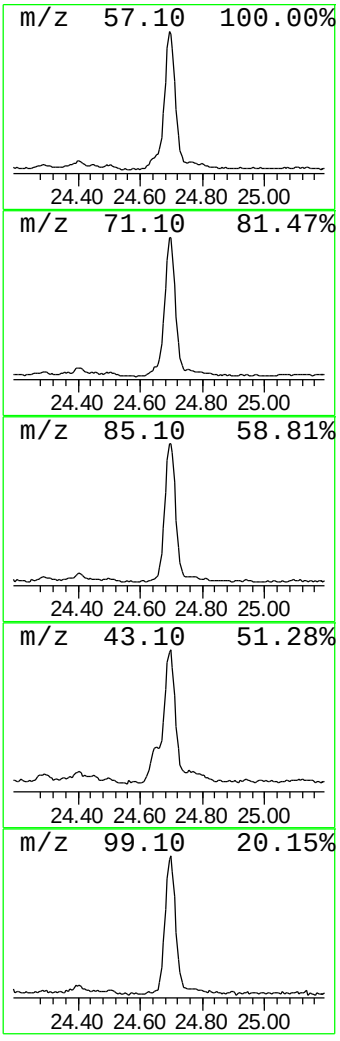
**********

Peak Number 10 Hexadecane, 1-iodo- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.69 | 2.07 ng/ul | 881373 | Perylene-d12 | 23.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 93 |
| 2 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 91 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

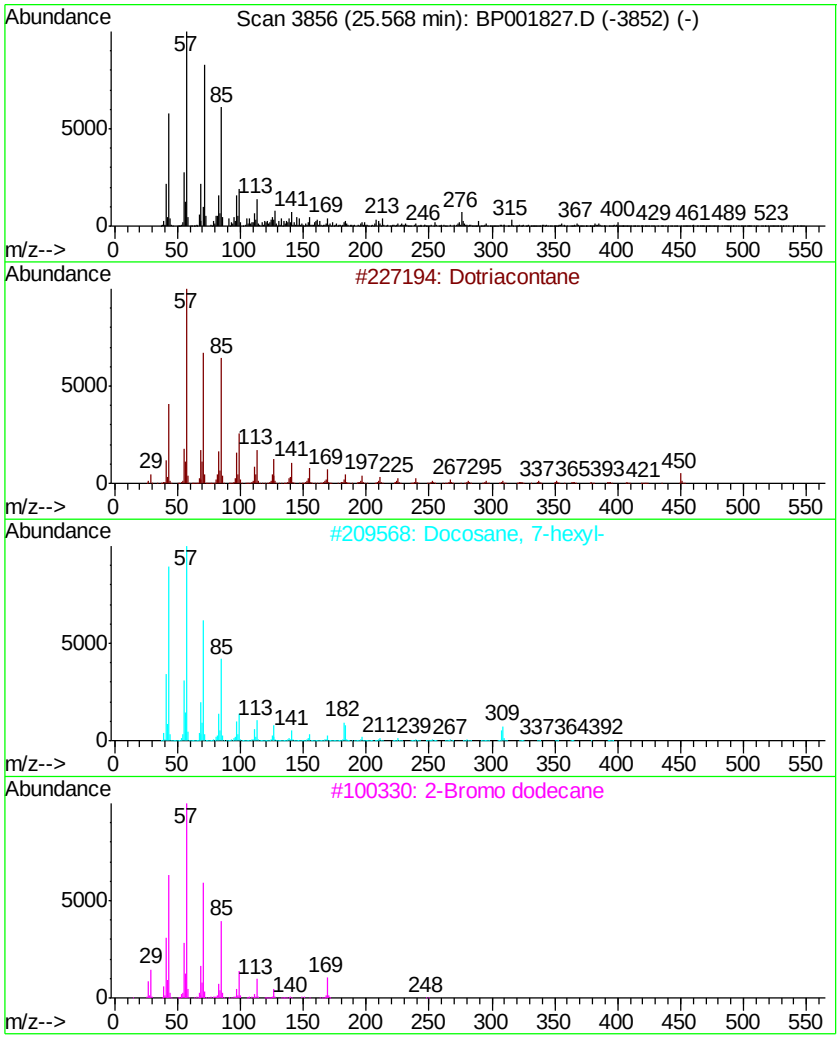
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

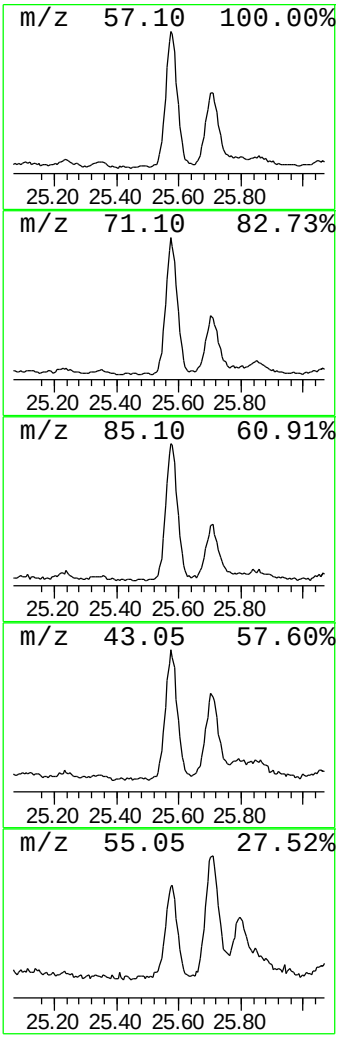
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.57 | 2.19 ng/ul | 933768 | Perylene-d12 | 23.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 95 |
| 2 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 93 |
| 3 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 93 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

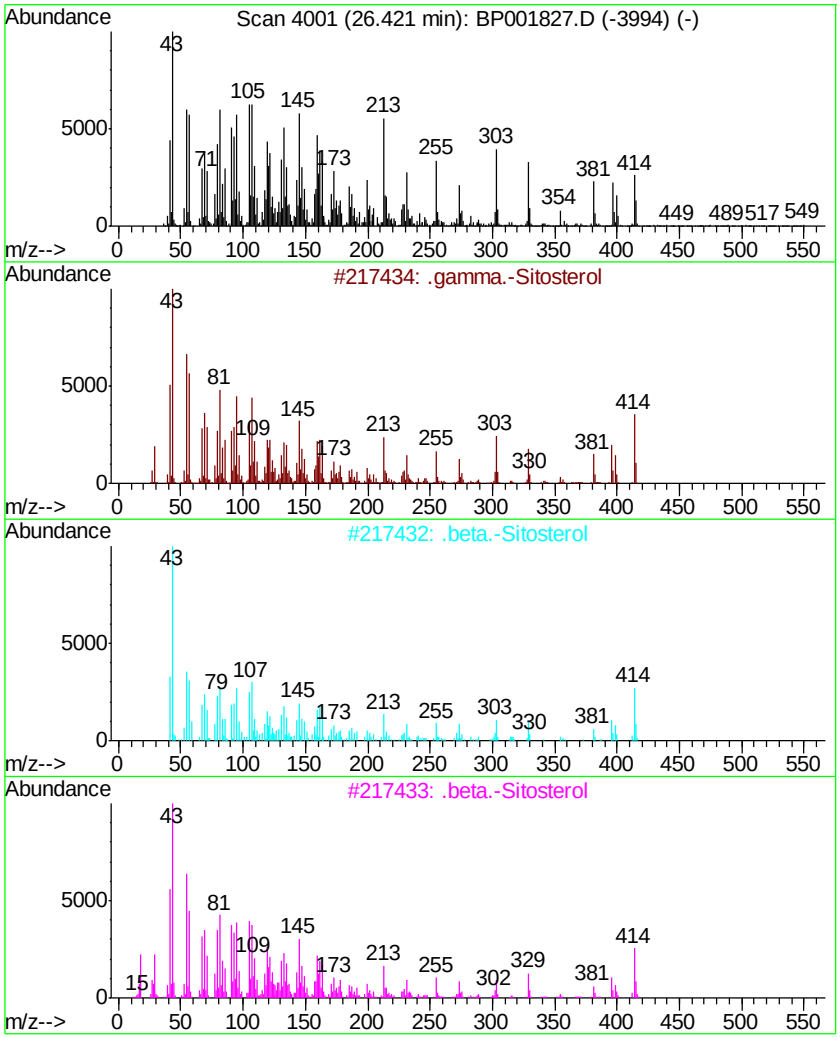
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

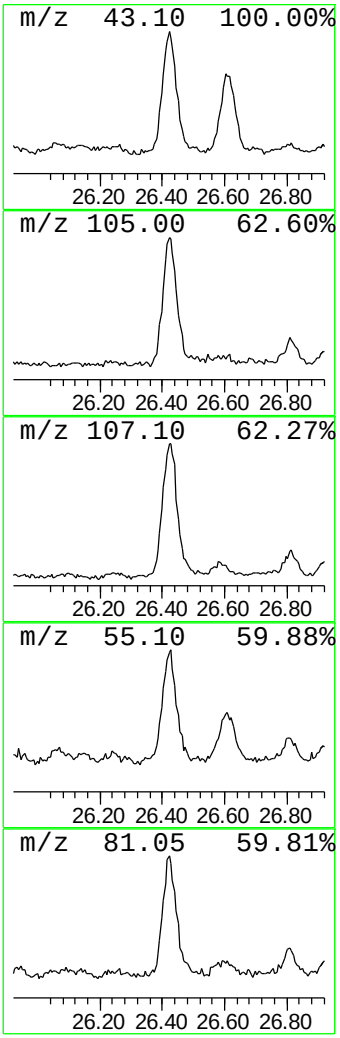
**********

Peak Number 12 .gamma.-Sitosterol Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.42 | 3.60 ng/ul | 1529610 | Perylene-d12 | 23.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .gamma.-Sitosterol | 414 | C29H50O | 000083-47-6 | 99 |
| 2 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 91 |
| 3 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 64 |
| 4 | .gamma.-Sitosterol | 414 | C29H50O | 000083-47-6 | 25 |
| 5 | Pregn-5-en-3-ol, 21-bromo-20-met... | 394 | C22H35BrO | 055103-80-5 | 11 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022120\
Data File : BP001827.D
Acq On : 21 Feb 2020 17:22
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBCY1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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... | 2.92 | 9.2 | ng/ul | 1200450 | 1 | 7.65 | 2618910 | 20.0 |
| n-Hexadecanoic acid | 17.97 | 9.6 | ng/ul | 3227780 | 4 | 17.04 | 6709980 | 20.0 |
| 2- Chloropropioni... | 20.87 | 6.8 | ng/ul | 2781640 | 5 | 21.13 | 8184350 | 20.0 |
| 9-Octadecenamide,... | 22.19 | 12.7 | ng/ul | 5200280 | 5 | 21.13 | 8184350 | 20.0 |
| Supraene | 22.33 | 4.2 | ng/ul | 1797450 | 6 | 23.35 | 8508840 | 20.0 |
| (DEL) Alkane: Str... | 22.72 | 5.4 | ng/ul | 2306650 | 6 | 23.35 | 8508840 | 20.0 |
| (DEL) Alkane: Str... | 23.29 | 3.9 | ng/ul | 1662550 | 6 | 23.35 | 8508840 | 20.0 |
| (DEL) Alkane: Str... | 23.95 | 4.9 | ng/ul | 2083090 | 6 | 23.35 | 8508840 | 20.0 |
| Octacosyl acetate | 24.02 | 2.6 | ng/ul | 1094920 | 6 | 23.35 | 8508840 | 20.0 |
| Hexadecane, 1-iodo- | 24.69 | 2.1 | ng/ul | 881373 | 6 | 23.35 | 8508840 | 20.0 |
| (DEL) Alkane: Str... | 25.57 | 2.2 | ng/ul | 933768 | 6 | 23.35 | 8508840 | 20.0 |
| .gamma.-Sitosterol | 26.42 | 3.6 | ng/ul | 1529610 | 6 | 23.35 | 8508840 | 20.0 |