LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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 | 2.922 | 3 | 6 | 30 | rVB | 2694141 | 4029664 | 36.63% | 3.076% |
| 2 | 3.169 | 44 | 48 | 62 | rVB | 70093 | 106147 | 0.96% | 0.081% |
| 3 | 3.810 | 153 | 157 | 165 | rVV | 23174 | 35402 | 0.32% | 0.027% |
| 4 | 3.899 | 169 | 172 | 179 | rVB | 14761 | 22013 | 0.20% | 0.017% |
| 5 | 4.440 | 260 | 264 | 271 | rVB4 | 8097 | 13655 | 0.12% | 0.010% |
| 6 | 4.799 | 320 | 325 | 333 | rBV2 | 88879 | 141243 | 1.28% | 0.108% |
| 7 | 6.828 | 661 | 670 | 686 | rVB | 1341188 | 2184315 | 19.85% | 1.667% |
| 8 | 6.987 | 691 | 697 | 710 | rVB | 1052419 | 1674156 | 15.22% | 1.278% |
| 9 | 7.187 | 721 | 731 | 743 | rBV | 1428865 | 2297230 | 20.88% | 1.754% |
| 10 | 7.304 | 745 | 751 | 759 | rVB | 6353 | 16663 | 0.15% | 0.013% |
| 11 | 7.651 | 802 | 810 | 819 | rBV | 1274144 | 2022218 | 18.38% | 1.544% |
| 12 | 8.187 | 897 | 901 | 908 | rVB3 | 9008 | 17282 | 0.16% | 0.013% |
| 13 | 8.357 | 922 | 930 | 942 | rBV | 1721575 | 2812708 | 25.57% | 2.147% |
| 14 | 8.792 | 996 | 1004 | 1013 | rBV | 1269517 | 2092932 | 19.02% | 1.598% |
| 15 | 9.281 | 1081 | 1087 | 1094 | rVB | 46623 | 76260 | 0.69% | 0.058% |
| 16 | 9.510 | 1118 | 1126 | 1134 | rBV | 1061565 | 1739564 | 15.81% | 1.328% |
| 17 | 10.045 | 1209 | 1217 | 1233 | rBV | 1839039 | 3067913 | 27.89% | 2.342% |
| 18 | 10.422 | 1272 | 1281 | 1293 | rBV | 1868268 | 3065088 | 27.86% | 2.340% |
| 19 | 10.551 | 1296 | 1303 | 1320 | rBV | 1519450 | 2645231 | 24.04% | 2.019% |
| 20 | 10.951 | 1365 | 1371 | 1376 | rBV7 | 9812 | 19108 | 0.17% | 0.015% |
| 21 | 11.957 | 1532 | 1542 | 1548 | rBV3 | 25896 | 56651 | 0.51% | 0.043% |
| 22 | 12.016 | 1548 | 1552 | 1561 | rVB2 | 32714 | 59382 | 0.54% | 0.045% |
| 23 | 12.651 | 1654 | 1660 | 1665 | rBV7 | 7245 | 14967 | 0.14% | 0.011% |
| 24 | 13.033 | 1721 | 1725 | 1729 | rBV4 | 17926 | 26205 | 0.24% | 0.020% |
| 25 | 13.086 | 1729 | 1734 | 1739 | rVB4 | 11108 | 18214 | 0.17% | 0.014% |
| 26 | 13.204 | 1746 | 1754 | 1760 | rBV2 | 40643 | 70767 | 0.64% | 0.054% |
| 27 | 13.610 | 1820 | 1823 | 1828 | rVB6 | 7505 | 11258 | 0.10% | 0.009% |
| 28 | 13.698 | 1831 | 1838 | 1843 | rBV | 3369051 | 4646884 | 42.24% | 3.547% |
| 29 | 13.745 | 1843 | 1846 | 1855 | rVB | 590455 | 779964 | 7.09% | 0.595% |
| 30 | 13.975 | 1877 | 1885 | 1899 | rBV | 3900071 | 5813945 | 52.85% | 4.438% |
| 31 | 14.286 | 1931 | 1938 | 1946 | rVV | 2944386 | 4319832 | 39.27% | 3.297% |
| 32 | 14.374 | 1951 | 1953 | 1958 | rVB6 | 10354 | 12321 | 0.11% | 0.009% |
| 33 | 14.480 | 1962 | 1971 | 1986 | rBV | 1378322 | 2087594 | 18.98% | 1.594% |
| 34 | 14.651 | 1995 | 2000 | 2005 | rVV8 | 6821 | 12766 | 0.12% | 0.010% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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 | 14.710 | 2005 | 2010 | 2021 | rVB2 | 72476 | 116360 | 1.06% | 0.089% |
| 36 | 15.121 | 2076 | 2080 | 2084 | rVB3 | 12532 | 17389 | 0.16% | 0.013% |
| 37 | 15.180 | 2084 | 2090 | 2095 | rBV7 | 10939 | 17124 | 0.16% | 0.013% |
| 38 | 15.286 | 2100 | 2108 | 2116 | rBV | 4947480 | 7397178 | 67.24% | 5.646% |
| 39 | 15.398 | 2121 | 2127 | 2144 | rVV | 1179400 | 1645159 | 14.95% | 1.256% |
| 40 | 15.527 | 2144 | 2149 | 2154 | rVB2 | 55662 | 86740 | 0.79% | 0.066% |
| 41 | 15.739 | 2181 | 2185 | 2188 | rBV5 | 8072 | 11041 | 0.10% | 0.008% |
| 42 | 15.851 | 2200 | 2204 | 2214 | rBV5 | 6939 | 18147 | 0.16% | 0.014% |
| 43 | 16.069 | 2238 | 2241 | 2252 | rVB6 | 25899 | 51333 | 0.47% | 0.039% |
| 44 | 16.304 | 2277 | 2281 | 2287 | rBV5 | 7531 | 12438 | 0.11% | 0.009% |
| 45 | 16.721 | 2349 | 2352 | 2356 | rVB3 | 13872 | 18548 | 0.17% | 0.014% |
| 46 | 16.833 | 2365 | 2371 | 2374 | rBV2 | 17232 | 37211 | 0.34% | 0.028% |
| 47 | 17.039 | 2399 | 2406 | 2412 | rBV | 3822532 | 5445132 | 49.49% | 4.156% |
| 48 | 17.133 | 2416 | 2422 | 2435 | rVB2 | 5401884 | 8229371 | 74.80% | 6.282% |
| 49 | 17.439 | 2466 | 2474 | 2482 | rBV2 | 26670 | 76091 | 0.69% | 0.058% |
| 50 | 17.580 | 2494 | 2498 | 2501 | rVB4 | 12122 | 14297 | 0.13% | 0.011% |
| 51 | 17.910 | 2551 | 2554 | 2558 | rVB4 | 13272 | 15388 | 0.14% | 0.012% |
| 52 | 17.963 | 2558 | 2563 | 2579 | rBV | 531333 | 948730 | 8.62% | 0.724% |
| 53 | 18.251 | 2608 | 2612 | 2617 | rBV2 | 56218 | 80703 | 0.73% | 0.062% |
| 54 | 18.433 | 2640 | 2643 | 2648 | rVB | 22926 | 25653 | 0.23% | 0.020% |
| 55 | 18.798 | 2703 | 2705 | 2711 | rVB6 | 28099 | 39458 | 0.36% | 0.030% |
| 56 | 18.862 | 2713 | 2716 | 2720 | rBV2 | 34126 | 41609 | 0.38% | 0.032% |
| 57 | 18.933 | 2724 | 2728 | 2737 | rVB | 34388 | 59742 | 0.54% | 0.046% |
| 58 | 19.027 | 2739 | 2744 | 2745 | rBV | 80258 | 103183 | 0.94% | 0.079% |
| 59 | 19.057 | 2745 | 2749 | 2755 | rVB | 323157 | 417834 | 3.80% | 0.319% |
| 60 | 19.198 | 2769 | 2773 | 2780 | rBV2 | 105927 | 172963 | 1.57% | 0.132% |
| 61 | 19.268 | 2781 | 2785 | 2792 | rVB2 | 89281 | 141885 | 1.29% | 0.108% |
| 62 | 19.380 | 2798 | 2804 | 2815 | rBV | 7528536 | 11001664 | 100.00% | 8.398% |
| 63 | 19.457 | 2815 | 2817 | 2827 | rVB3 | 61852 | 88490 | 0.80% | 0.068% |
| 64 | 19.639 | 2845 | 2848 | 2854 | rVB | 56147 | 78528 | 0.71% | 0.060% |
| 65 | 19.733 | 2860 | 2864 | 2869 | rBV2 | 33666 | 62726 | 0.57% | 0.048% |
| 66 | 19.857 | 2882 | 2885 | 2888 | rBV4 | 41671 | 68337 | 0.62% | 0.052% |
| 67 | 19.945 | 2897 | 2900 | 2904 | rVB2 | 76056 | 81907 | 0.74% | 0.063% |
| 68 | 19.986 | 2905 | 2907 | 2911 | rVB2 | 35773 | 40776 | 0.37% | 0.031% |
| 69 | 20.180 | 2937 | 2940 | 2944 | rBV2 | 49728 | 57586 | 0.52% | 0.044% |
| 70 | 20.427 | 2979 | 2982 | 2985 | rVB | 138358 | 131098 | 1.19% | 0.100% |
| 71 | 20.621 | 3012 | 3015 | 3020 | rBV3 | 47605 | 89792 | 0.82% | 0.069% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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 | 20.868 | 3051 | 3057 | 3077 | rVB3 | 1442154 | 2311469 | 21.01% | 1.764% |
| 73 | 21.009 | 3078 | 3081 | 3087 | rBV2 | 98471 | 134678 | 1.22% | 0.103% |
| 74 | 21.127 | 3095 | 3101 | 3105 | rBV | 5458082 | 7229867 | 65.72% | 5.519% |
| 75 | 21.162 | 3105 | 3107 | 3115 | rVB | 442987 | 536260 | 4.87% | 0.409% |
| 76 | 21.245 | 3117 | 3121 | 3125 | rBV | 193983 | 279022 | 2.54% | 0.213% |
| 77 | 21.304 | 3128 | 3131 | 3137 | rVB | 372635 | 436153 | 3.96% | 0.333% |
| 78 | 21.739 | 3200 | 3205 | 3221 | rVB2 | 585507 | 1072647 | 9.75% | 0.819% |
| 79 | 22.198 | 3279 | 3283 | 3289 | rVB | 548154 | 741336 | 6.74% | 0.566% |
| 80 | 22.327 | 3302 | 3305 | 3310 | rVB2 | 98925 | 131051 | 1.19% | 0.100% |
| 81 | 22.533 | 3336 | 3340 | 3346 | rVB | 144118 | 218987 | 1.99% | 0.167% |
| 82 | 22.715 | 3359 | 3371 | 3388 | rBV2 | 5034510 | 10227502 | 92.96% | 7.807% |
| 83 | 23.045 | 3422 | 3427 | 3434 | rBV | 294431 | 631521 | 5.74% | 0.482% |
| 84 | 23.151 | 3441 | 3445 | 3447 | rBV | 176471 | 282995 | 2.57% | 0.216% |
| 85 | 23.198 | 3447 | 3453 | 3462 | rVV | 5485486 | 10308238 | 93.70% | 7.868% |
| 86 | 23.274 | 3463 | 3466 | 3471 | rVV | 551250 | 923323 | 8.39% | 0.705% |
| 87 | 23.339 | 3471 | 3477 | 3495 | rVB2 | 3487755 | 6765132 | 61.49% | 5.164% |
| 88 | 23.592 | 3514 | 3520 | 3530 | rBV | 922002 | 1796813 | 16.33% | 1.372% |
| 89 | 23.927 | 3571 | 3577 | 3584 | rVB | 526272 | 1006981 | 9.15% | 0.769% |
| 90 | 24.003 | 3586 | 3590 | 3601 | rVB | 180643 | 382539 | 3.48% | 0.292% |
| 91 | 24.680 | 3699 | 3705 | 3711 | rVB | 317022 | 672505 | 6.11% | 0.513% |
| 92 | 25.562 | 3848 | 3855 | 3869 | rVB3 | 335026 | 1026133 | 9.33% | 0.783% |
| 93 | 26.409 | 3993 | 3999 | 4015 | rVB5 | 294060 | 940264 | 8.55% | 0.718% |

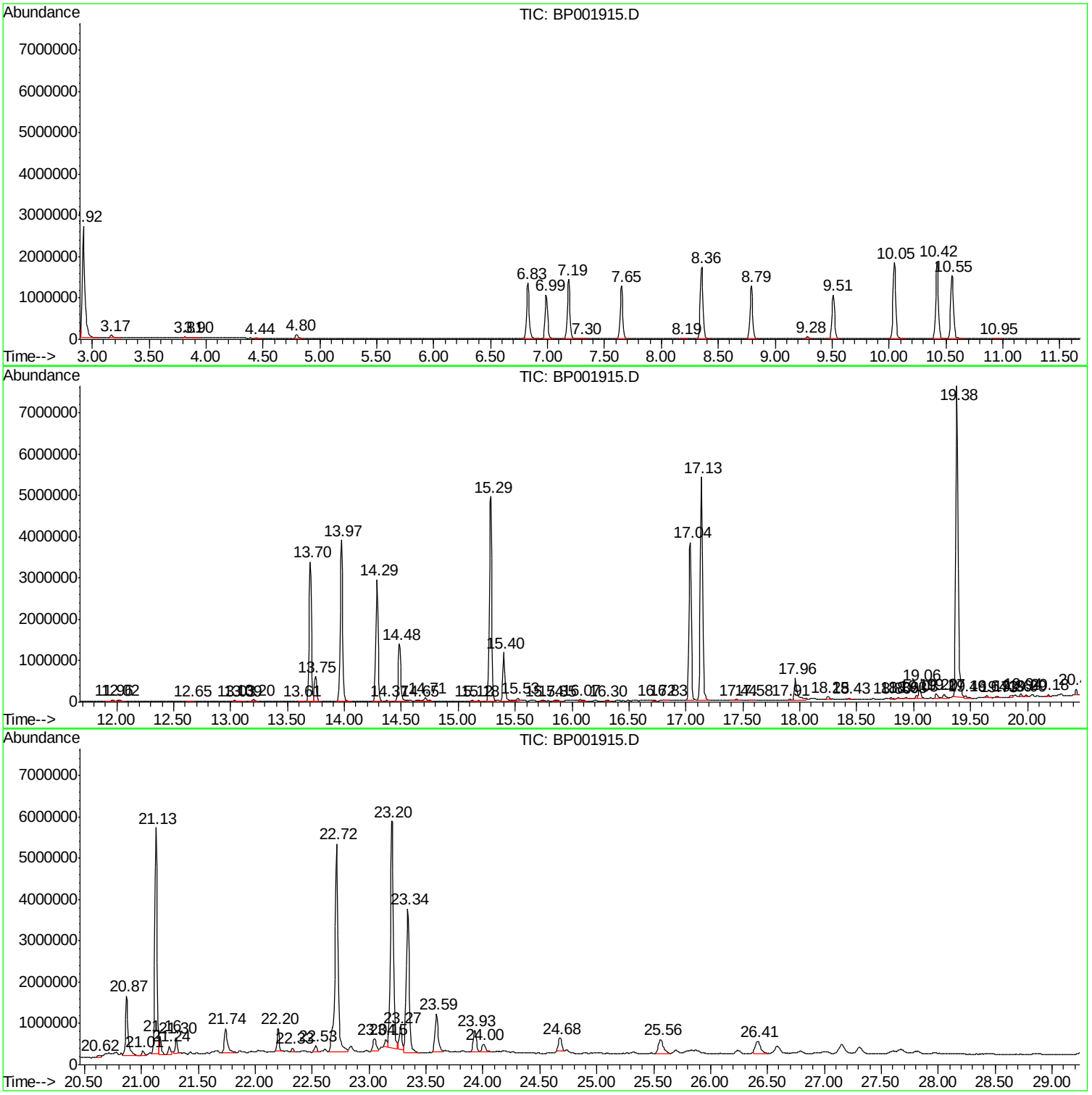
Sum of corrected areas: 131006569

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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

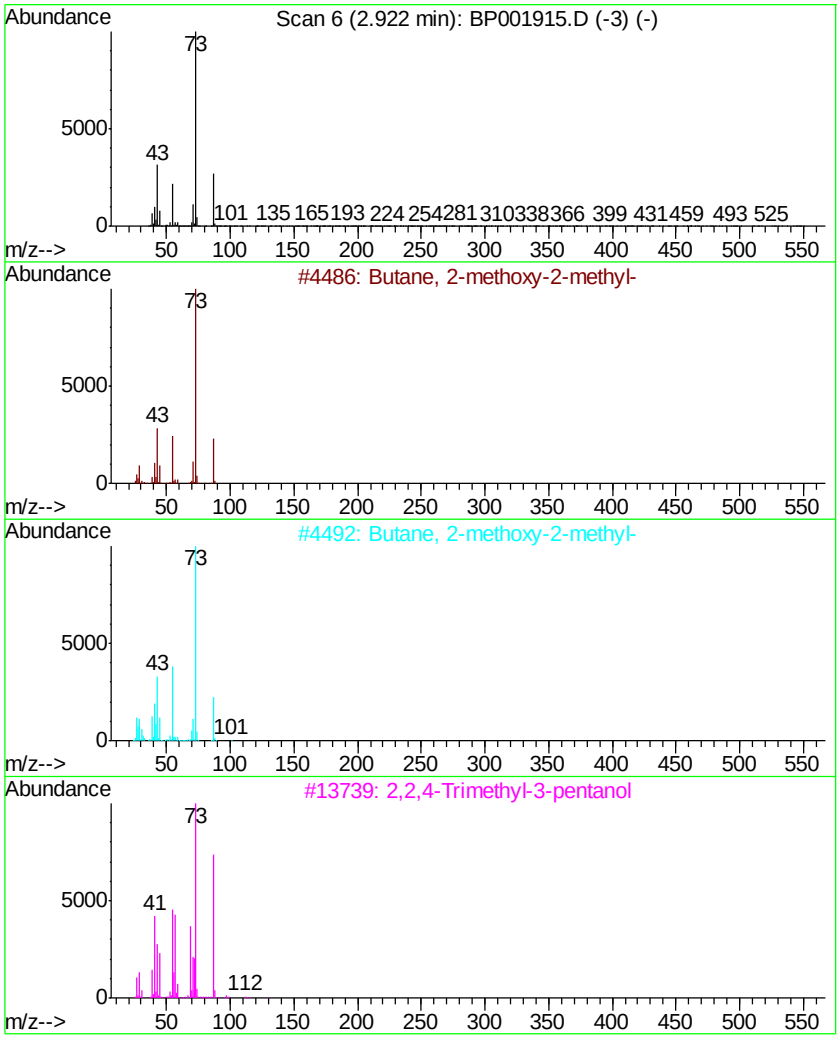
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

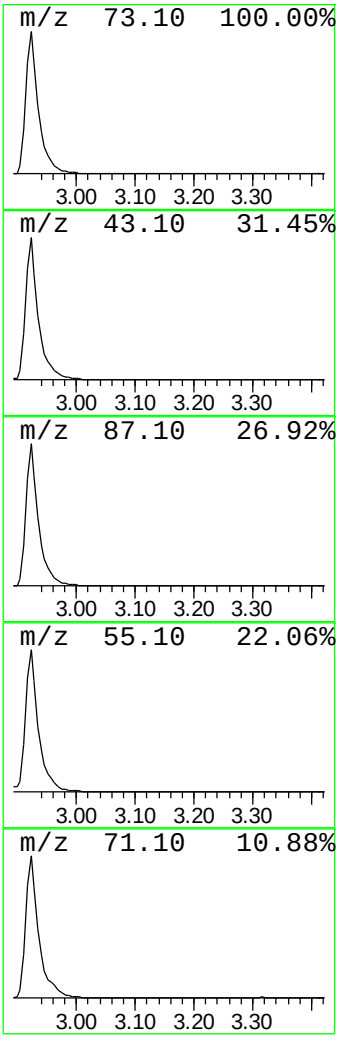
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.92 | 39.85 ng/ul | 4029660 | 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 | 72 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 64 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 43 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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

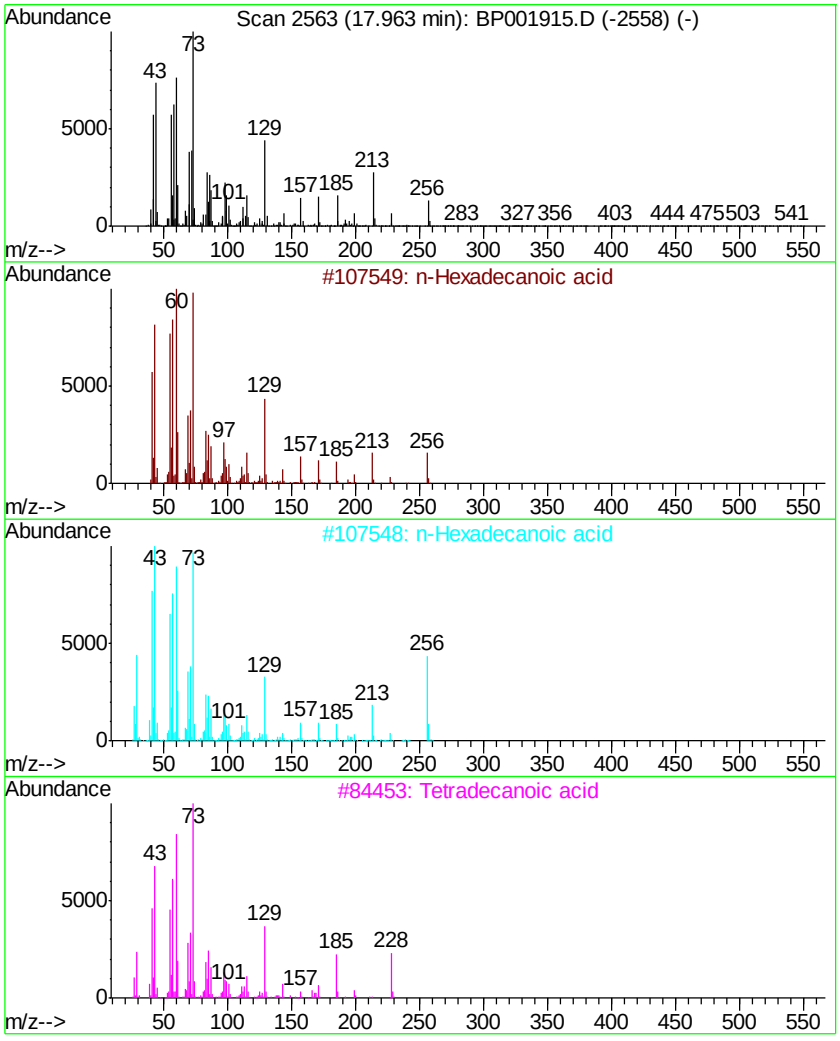
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

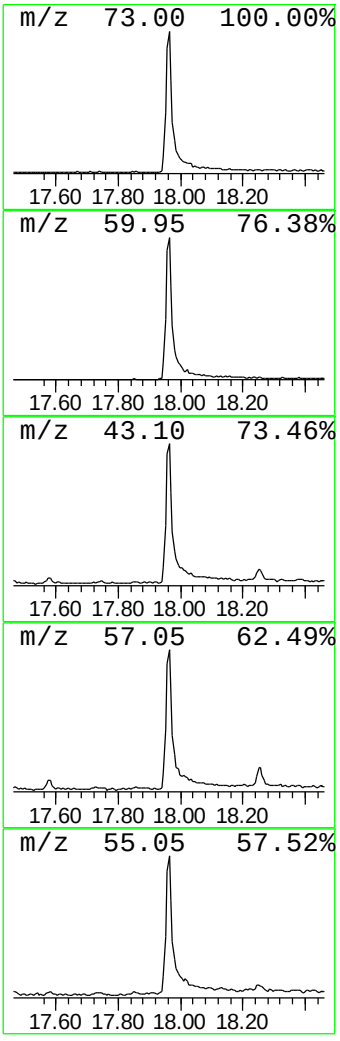
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.96 | 3.48 ng/ul | 948730 | 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 | 98 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 90 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 86 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 81 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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

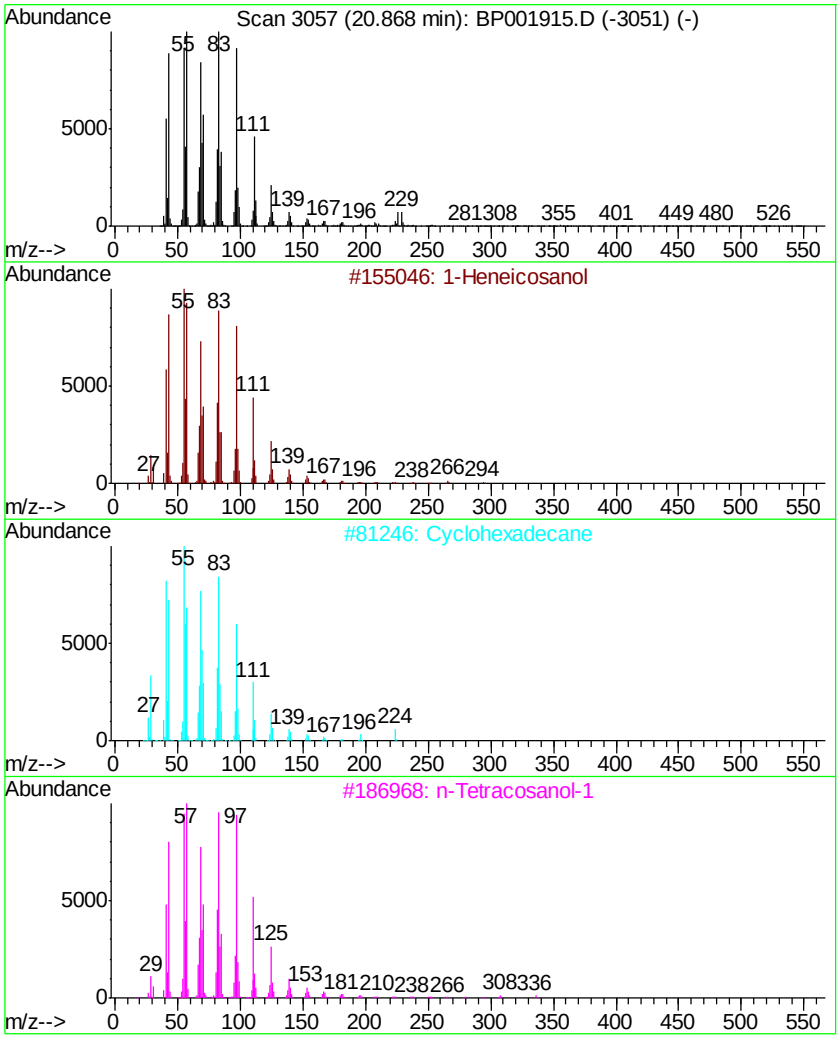
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

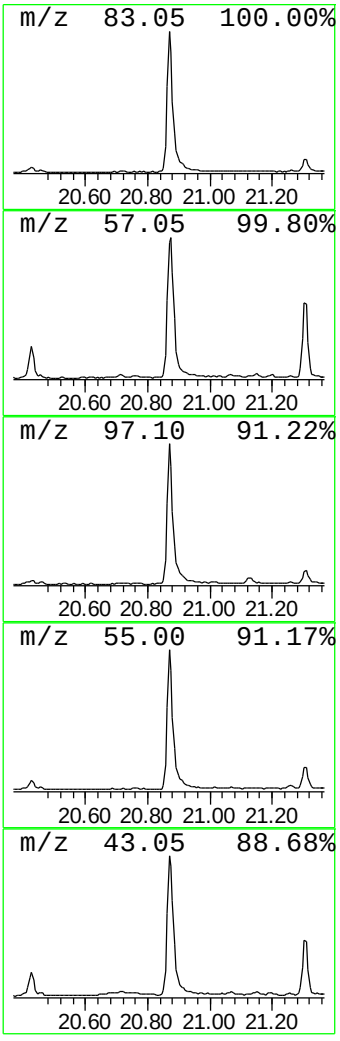
**********

Peak Number 3 1-Heneicosanol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.87 | 6.39 ng/ul | 2311470 | Chrysene-d12 | 21.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 2 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 94 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 4 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 5 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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

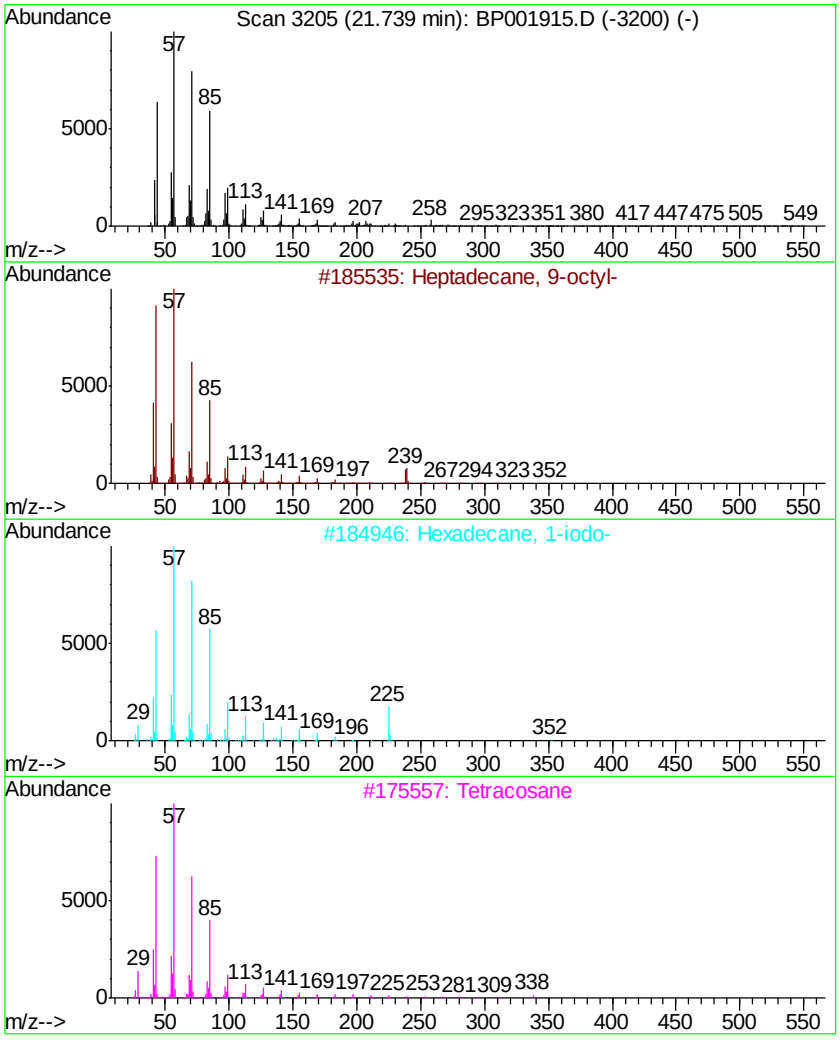
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

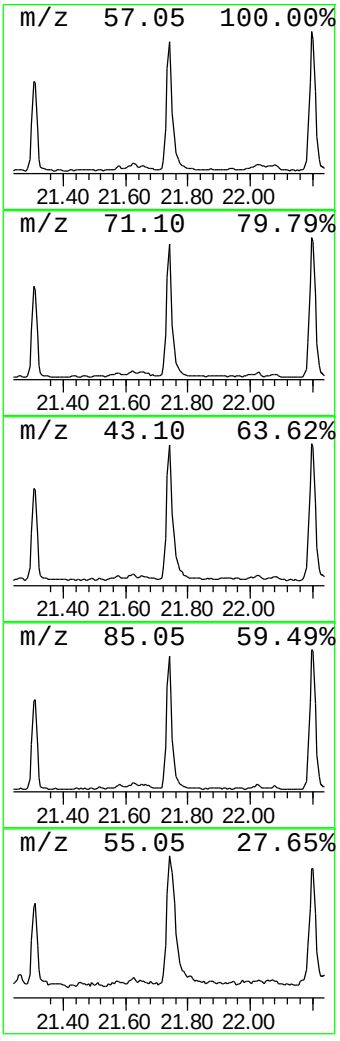
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.74 | 2.97 ng/ul | 1072650 | Chrysene-d12 | 21.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 95 |
| 2 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 93 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 93 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 93 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 92 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

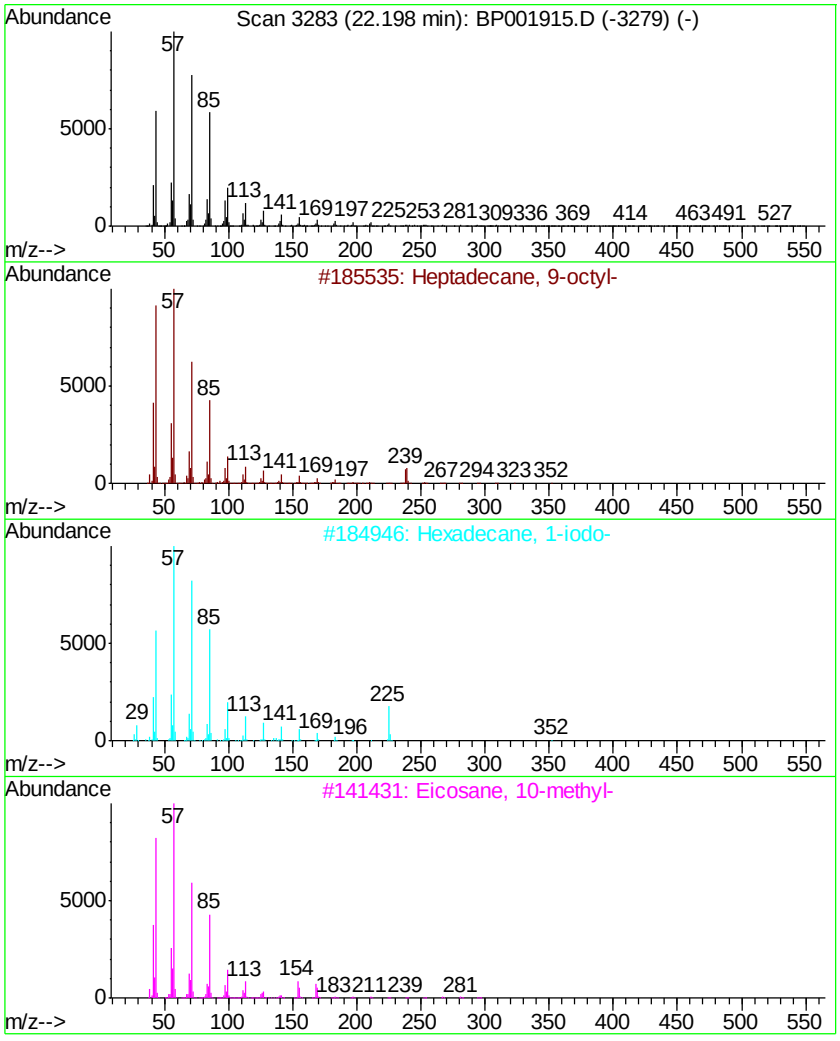
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

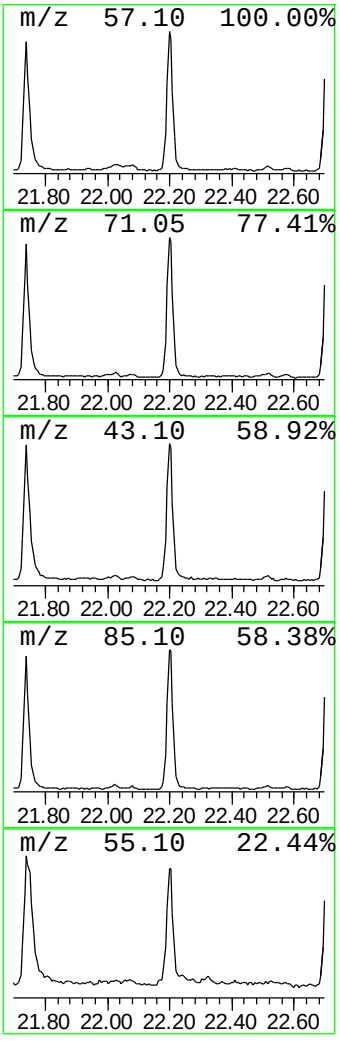
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.20 | 2.05 ng/ul | 741336 | Chrysene-d12 | 21.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 97 |
| 2 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 95 |
| 3 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 93 |
| 4 | Heptadecane, 9-hexyl- | 324 | C23H48 | 055124-79-3 | 93 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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

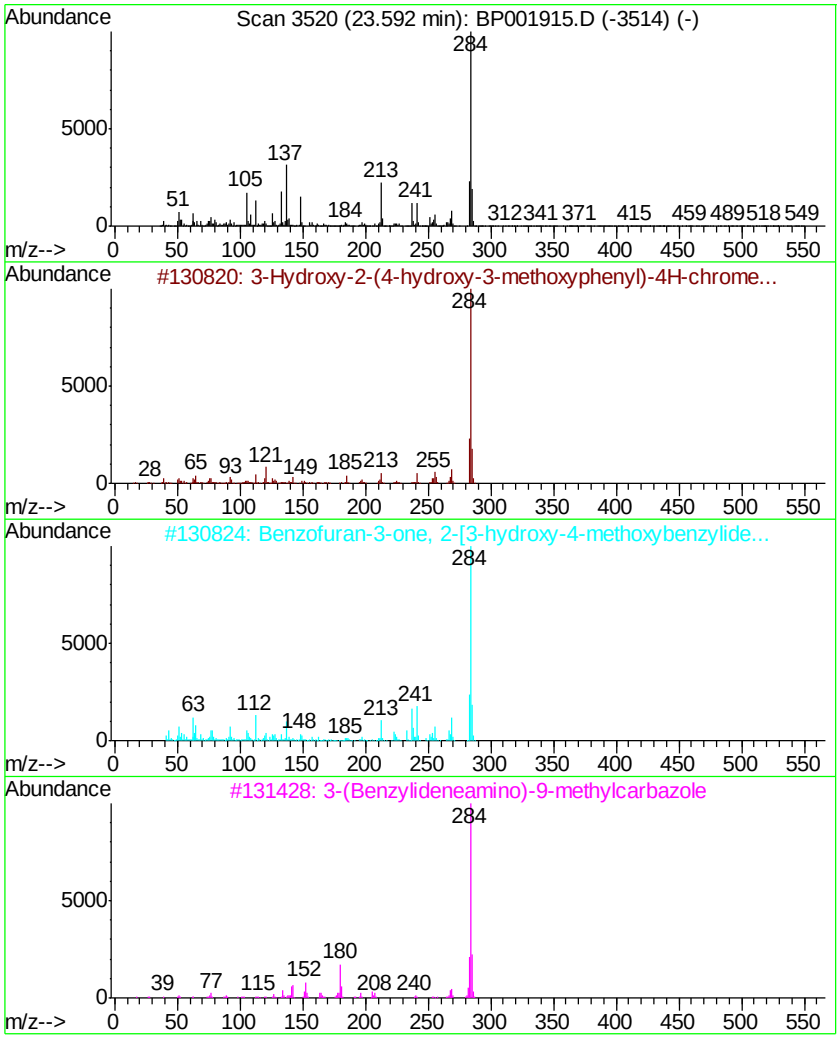
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

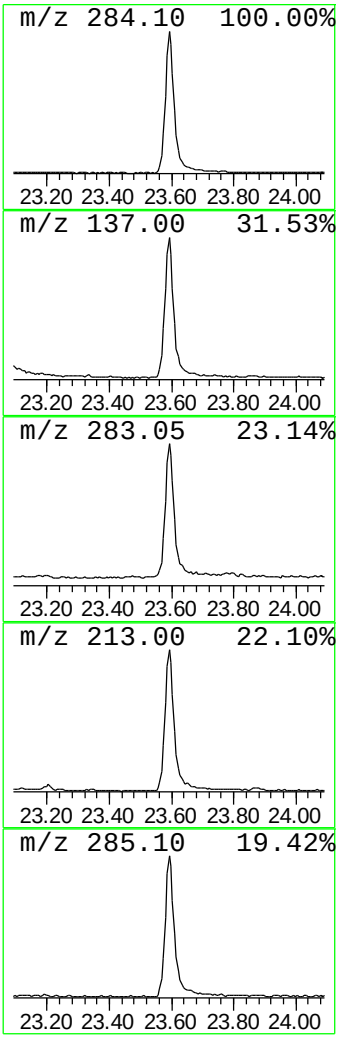
**********

Peak Number 6 3-Hydroxy-2-(4-hydroxy-3-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.59 | 5.31 ng/ul | 1796810 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hydroxy-2-(4-hydroxy-3-methoxy... | 284 | C16H12O5 | 159184-95-9 | 92 |
| 2 | Benzofuran-3-one, 2-[3-hydroxy-4... | 284 | C16H12O5 | 1000128-62-8 | 68 |
| 3 | 3-(Benzylideneamino)-9-methylcar... | 284 | C20H16N2 | 035473-72-4 | 58 |
| 4 | 7-Hydroxy-2-(3-hydroxy-4-methoxy... | 284 | C16H12O5 | 020575-57-9 | 53 |
| 5 | Iron, (.eta.-5-cyclohepta-1,4-di... | 284 | C17H24Fe | 1000162-47-6 | 52 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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

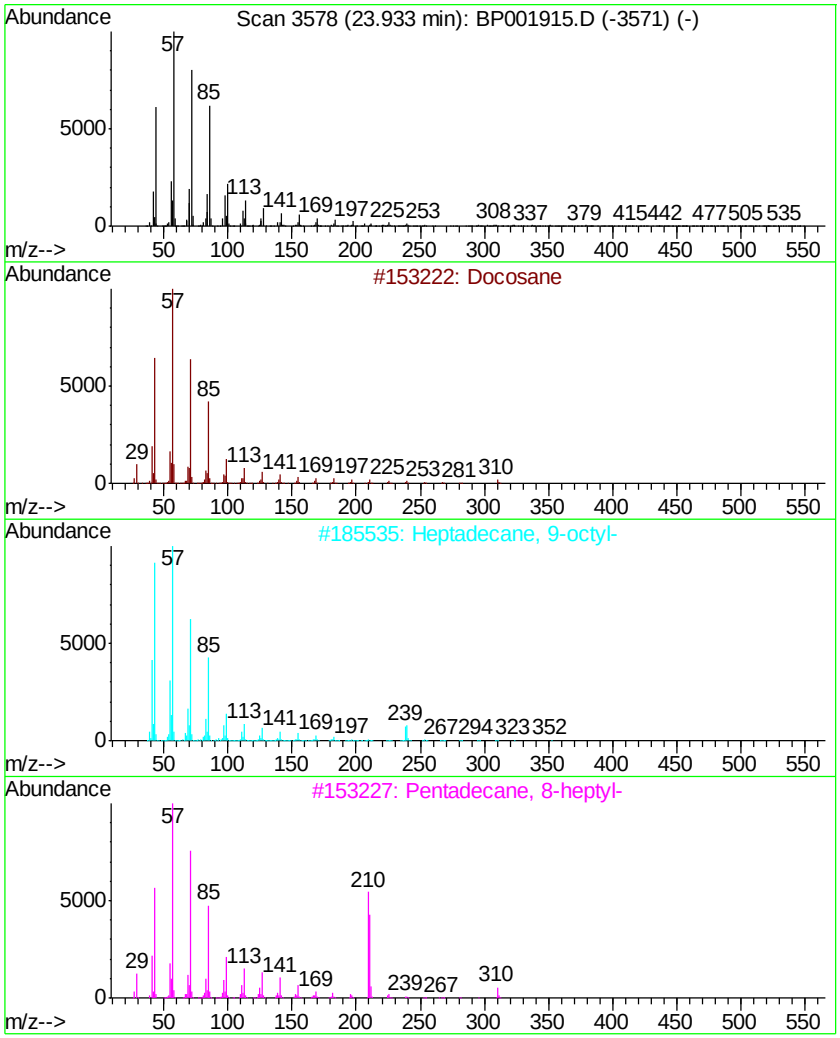
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

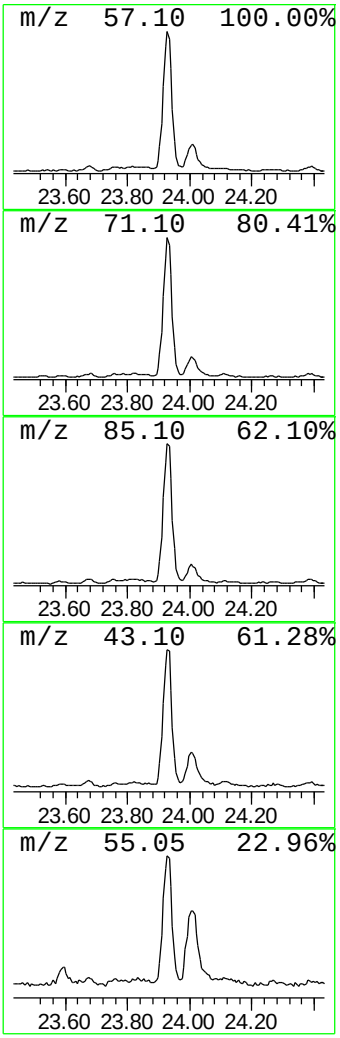
**********

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.93 | 2.98 ng/ul | 1006980 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane | 310 | C22H46 | 000629-97-0 | 95 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 93 |
| 3 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 93 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 5 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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

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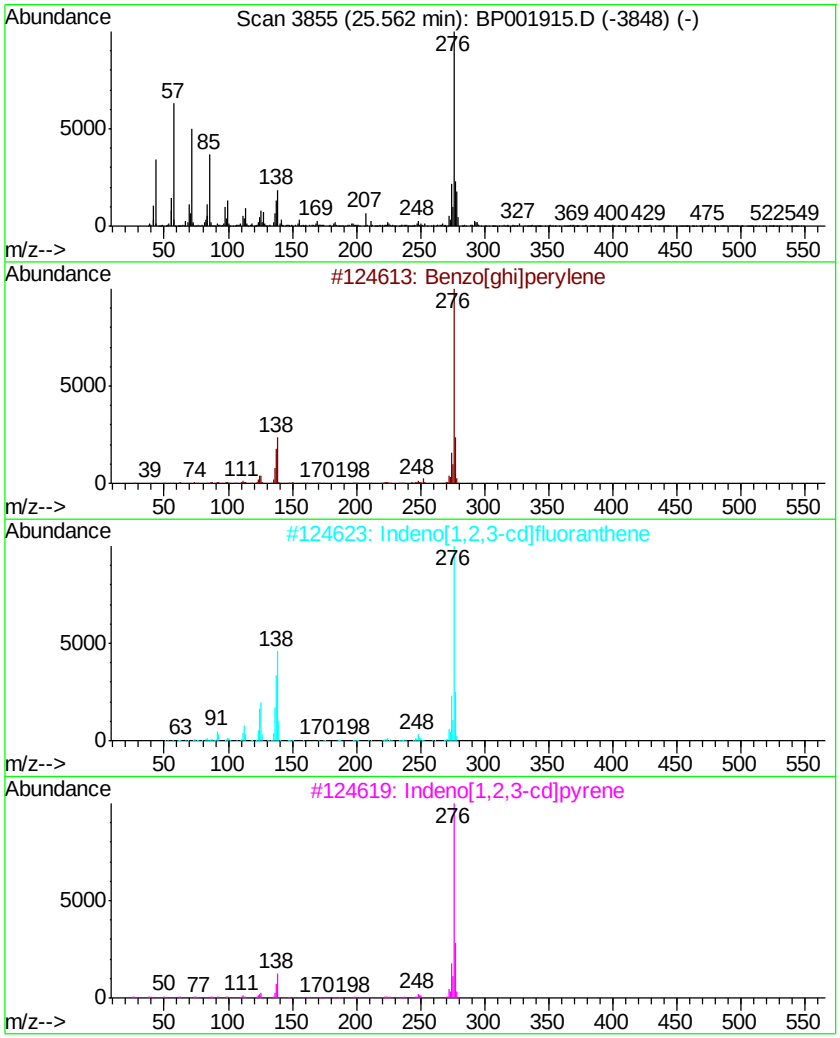
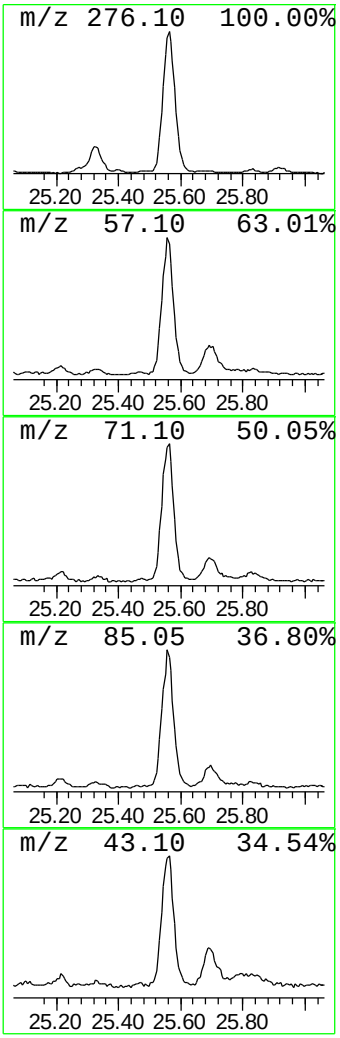
Peak Number 8 Indeno[1,2,3-cd]fluoranthene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.56 | 3.03 ng/ul | 1026130 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[ghi]perylene | 276 | C22H12 | 000191-24-2 | 95 |
| 2 | Indeno[1,2,3-cd]fluoranthene | 276 | C22H12 | 000193-43-1 | 91 |
| 3 | Indeno[1,2,3-cd]pyrene | 276 | C22H12 | 000193-39-5 | 91 |
| 4 | Dibenzo[def,mno]chrysene | 276 | C22H12 | 000191-26-4 | 87 |
| 5 | Indeno[1,2,3-cd]pyrene | 276 | C22H12 | 000193-39-5 | 81 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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

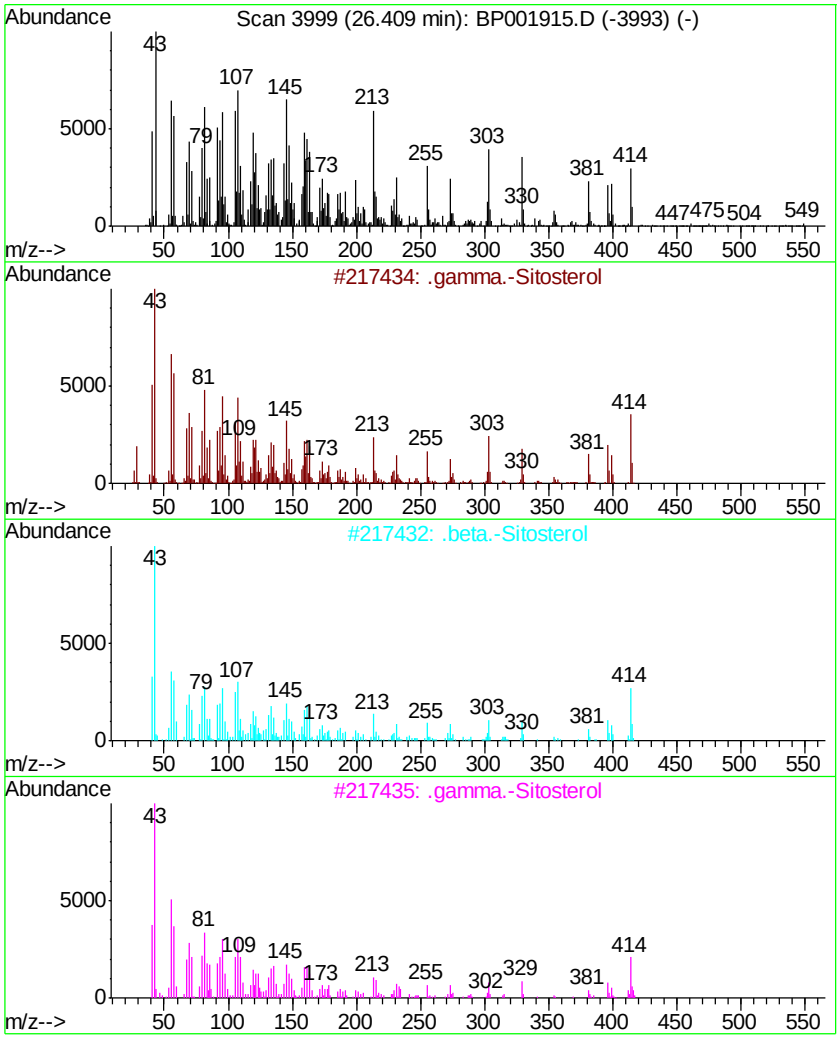
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

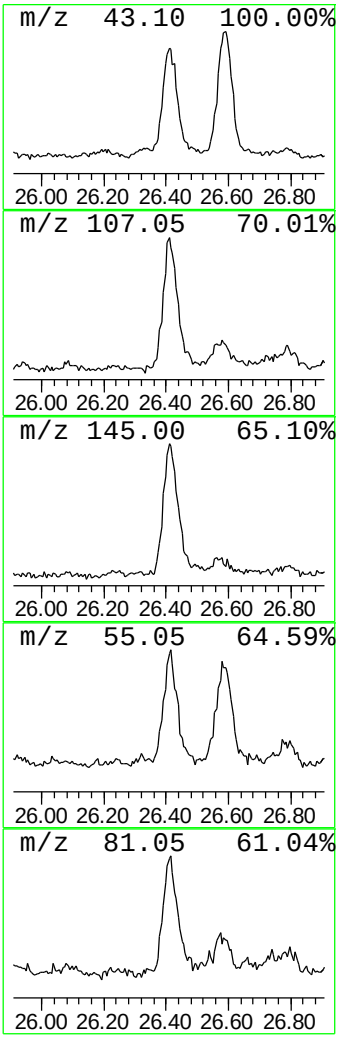
**********

Peak Number 9 .gamma.-Sitosterol Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.41 | 2.78 ng/ul | 940264 | Perylene-d12 | 23.34 |

| 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 | 95 |
| 3 | .gamma.-Sitosterol | 414 | C29H50O | 000083-47-6 | 86 |
| 4 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 83 |
| 5 | 5-Cholestene-3-ol, 24-methyl- | 400 | C28H48O | 1000214-17-4 | 14 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
Data File : BP001915.D
Acq On : 26 Feb 2020 01:35
Operator : CG/JU
Sample : L1543-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DBD93

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 | 39.9 | ng/ul | 4029660 | 1 | 7.65 | 2022220 | 20.0 |
| n-Hexadecanoic acid | 17.96 | 3.5 | ng/ul | 948730 | 4 | 17.04 | 5445130 | 20.0 |
| 1-Heneicosanol | 20.87 | 6.4 | ng/ul | 2311470 | 5 | 21.13 | 7229870 | 20.0 |
| (DEL) Alkane: Str... | 21.74 | 3.0 | ng/ul | 1072650 | 5 | 21.13 | 7229870 | 20.0 |
| (DEL) Alkane: Str... | 22.20 | 2.0 | ng/ul | 741336 | 5 | 21.13 | 7229870 | 20.0 |
| 3-Hydroxy-2-(4-hy... | 23.59 | 5.3 | ng/ul | 1796810 | 6 | 23.34 | 6765130 | 20.0 |
| (DEL) Alkane: Str... | 23.93 | 3.0 | ng/ul | 1006980 | 6 | 23.34 | 6765130 | 20.0 |
| Indeno[1,2,3-cd]f... | 25.56 | 3.0 | ng/ul | 1026130 | 6 | 23.34 | 6765130 | 20.0 |
| .gamma.-Sitosterol | 26.41 | 2.8 | ng/ul | 940264 | 6 | 23.34 | 6765130 | 20.0 |