LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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 | 25 | rVB | 2242957 | 3322076 | 25.42% | 1.830% |
| 2 | 3.899 | 167 | 172 | 181 | rVB | 230398 | 343175 | 2.63% | 0.189% |
| 3 | 4.122 | 204 | 210 | 224 | rBV | 141437 | 242617 | 1.86% | 0.134% |
| 4 | 4.522 | 273 | 278 | 288 | rBV | 118200 | 199288 | 1.53% | 0.110% |
| 5 | 6.828 | 660 | 670 | 679 | rVB | 1541950 | 2461984 | 18.84% | 1.356% |
| 6 | 6.993 | 690 | 698 | 708 | rBV | 1221453 | 1920045 | 14.69% | 1.058% |
| 7 | 7.187 | 724 | 731 | 747 | rVB | 1705435 | 2664947 | 20.39% | 1.468% |
| 8 | 7.652 | 802 | 810 | 819 | rBV | 1163020 | 1815704 | 13.90% | 1.000% |
| 9 | 8.357 | 923 | 930 | 942 | rBV | 1849421 | 2856633 | 21.86% | 1.574% |
| 10 | 8.793 | 989 | 1004 | 1018 | rBV | 1546676 | 2522742 | 19.31% | 1.390% |
| 11 | 8.975 | 1030 | 1035 | 1047 | rVB | 126112 | 200906 | 1.54% | 0.111% |
| 12 | 9.287 | 1081 | 1088 | 1095 | rBV | 346539 | 515434 | 3.94% | 0.284% |
| 13 | 9.510 | 1119 | 1126 | 1135 | rBV | 1280429 | 2077151 | 15.90% | 1.144% |
| 14 | 10.046 | 1210 | 1217 | 1231 | rVB | 2137782 | 3527086 | 26.99% | 1.943% |
| 15 | 10.422 | 1274 | 1281 | 1287 | rBV | 1617159 | 2785120 | 21.31% | 1.534% |
| 16 | 10.475 | 1287 | 1290 | 1296 | rVV | 123535 | 179786 | 1.38% | 0.099% |
| 17 | 10.557 | 1296 | 1304 | 1322 | rVV | 1768513 | 3068451 | 23.48% | 1.691% |
| 18 | 12.093 | 1559 | 1565 | 1574 | rVB | 102111 | 168152 | 1.29% | 0.093% |
| 19 | 13.610 | 1814 | 1823 | 1828 | rBV | 69143 | 139564 | 1.07% | 0.077% |
| 20 | 13.704 | 1833 | 1839 | 1844 | rVV | 3756686 | 5366981 | 41.07% | 2.957% |
| 21 | 13.745 | 1844 | 1846 | 1851 | rVV | 135517 | 170112 | 1.30% | 0.094% |
| 22 | 13.975 | 1878 | 1885 | 1897 | rVV | 4531060 | 7203625 | 55.13% | 3.969% |
| 23 | 14.287 | 1931 | 1938 | 1944 | rVV | 2622897 | 3939954 | 30.15% | 2.171% |
| 24 | 14.351 | 1944 | 1949 | 1958 | rVV | 278518 | 466954 | 3.57% | 0.257% |
| 25 | 14.487 | 1966 | 1972 | 1982 | rVV | 1664353 | 2476705 | 18.95% | 1.364% |
| 26 | 14.687 | 2001 | 2006 | 2017 | rVV2 | 183235 | 379269 | 2.90% | 0.209% |
| 27 | 15.287 | 2101 | 2108 | 2114 | rVV | 5927569 | 8646007 | 66.17% | 4.763% |
| 28 | 15.339 | 2114 | 2117 | 2122 | rVV | 287432 | 410194 | 3.14% | 0.226% |
| 29 | 15.404 | 2122 | 2128 | 2136 | rVV | 1549999 | 2175816 | 16.65% | 1.199% |
| 30 | 15.528 | 2142 | 2149 | 2153 | rVV2 | 88613 | 221066 | 1.69% | 0.122% |
| 31 | 15.639 | 2164 | 2168 | 2179 | rVB | 97888 | 188472 | 1.44% | 0.104% |
| 32 | 15.787 | 2188 | 2193 | 2201 | rVV | 131636 | 242384 | 1.85% | 0.134% |
| 33 | 16.028 | 2224 | 2234 | 2239 | rVV4 | 85072 | 255085 | 1.95% | 0.141% |
| 34 | 16.592 | 2325 | 2330 | 2333 | rBV2 | 88551 | 151058 | 1.16% | 0.083% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
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Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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 | 16.692 | 2343 | 2347 | 2356 | rVB3 | 112054 | 219787 | 1.68% | 0.121% |
| 36 | 16.857 | 2369 | 2375 | 2379 | rVB2 | 155345 | 256556 | 1.96% | 0.141% |
| 37 | 17.039 | 2400 | 2406 | 2410 | rVV | 3398504 | 4913946 | 37.61% | 2.707% |
| 38 | 17.081 | 2410 | 2413 | 2418 | rVV | 2991218 | 4162010 | 31.85% | 2.293% |
| 39 | 17.139 | 2418 | 2423 | 2427 | rVV | 5913762 | 8588146 | 65.72% | 4.731% |
| 40 | 17.169 | 2427 | 2428 | 2435 | rVV | 707247 | 750732 | 5.75% | 0.414% |
| 41 | 17.439 | 2470 | 2474 | 2480 | rBV | 245224 | 398763 | 3.05% | 0.220% |
| 42 | 17.916 | 2550 | 2555 | 2558 | rBV | 425870 | 581016 | 4.45% | 0.320% |
| 43 | 17.963 | 2558 | 2563 | 2570 | rVB | 584296 | 824887 | 6.31% | 0.454% |
| 44 | 18.039 | 2570 | 2576 | 2580 | rBV2 | 177774 | 302795 | 2.32% | 0.167% |
| 45 | 18.098 | 2581 | 2586 | 2590 | rBV2 | 624811 | 1041678 | 7.97% | 0.574% |
| 46 | 18.133 | 2590 | 2592 | 2601 | rVB | 299012 | 412260 | 3.15% | 0.227% |
| 47 | 18.251 | 2609 | 2612 | 2617 | rVB3 | 106224 | 162547 | 1.24% | 0.090% |
| 48 | 18.404 | 2633 | 2638 | 2655 | rVB | 365603 | 702288 | 5.37% | 0.387% |
| 49 | 18.645 | 2671 | 2679 | 2683 | rBV3 | 159643 | 288262 | 2.21% | 0.159% |
| 50 | 18.692 | 2684 | 2687 | 2690 | rVV | 121324 | 146446 | 1.12% | 0.081% |
| 51 | 18.728 | 2690 | 2693 | 2697 | rVB | 107368 | 141319 | 1.08% | 0.078% |
| 52 | 18.804 | 2701 | 2706 | 2711 | rBV2 | 423119 | 708878 | 5.42% | 0.391% |
| 53 | 18.869 | 2711 | 2717 | 2720 | rBV2 | 224303 | 365370 | 2.80% | 0.201% |
| 54 | 18.939 | 2725 | 2729 | 2737 | rVB2 | 255577 | 439633 | 3.36% | 0.242% |
| 55 | 19.063 | 2744 | 2750 | 2757 | rVB | 5050117 | 6899285 | 52.80% | 3.801% |
| 56 | 19.204 | 2771 | 2774 | 2778 | rBV2 | 129923 | 161229 | 1.23% | 0.089% |
| 57 | 19.298 | 2787 | 2790 | 2795 | rVB3 | 139121 | 175670 | 1.34% | 0.097% |
| 58 | 19.386 | 2799 | 2805 | 2808 | rVV | 8413276 | 13067072 | 100.00% | 7.199% |
| 59 | 19.410 | 2808 | 2809 | 2818 | rVV | 4424339 | 4449168 | 34.05% | 2.451% |
| 60 | 19.486 | 2818 | 2822 | 2829 | rVB2 | 204763 | 388508 | 2.97% | 0.214% |
| 61 | 19.586 | 2836 | 2839 | 2845 | rBV | 272630 | 336511 | 2.58% | 0.185% |
| 62 | 19.733 | 2858 | 2864 | 2870 | rBV2 | 409656 | 905135 | 6.93% | 0.499% |
| 63 | 19.863 | 2882 | 2886 | 2888 | rBV3 | 297379 | 461363 | 3.53% | 0.254% |
| 64 | 19.898 | 2888 | 2892 | 2896 | rVV | 699040 | 978588 | 7.49% | 0.539% |
| 65 | 19.951 | 2898 | 2901 | 2904 | rVB | 172316 | 173952 | 1.33% | 0.096% |
| 66 | 19.992 | 2905 | 2908 | 2912 | rVB | 435235 | 515348 | 3.94% | 0.284% |
| 67 | 20.051 | 2913 | 2918 | 2922 | rBV2 | 521261 | 803151 | 6.15% | 0.442% |
| 68 | 20.186 | 2937 | 2941 | 2944 | rBV | 309464 | 369628 | 2.83% | 0.204% |
| 69 | 20.227 | 2945 | 2948 | 2953 | rVV2 | 276641 | 377688 | 2.89% | 0.208% |
| 70 | 20.433 | 2981 | 2983 | 2987 | rBV3 | 139953 | 161776 | 1.24% | 0.089% |
| 71 | 20.622 | 3012 | 3015 | 3022 | rVB | 411055 | 629606 | 4.82% | 0.347% |

LSC Area Percent Report

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Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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 | 20.704 | 3025 | 3029 | 3035 | rVB2 | 554426 | 708980 | 5.43% | 0.391% |
| 73 | 20.786 | 3037 | 3043 | 3047 | rBV3 | 411288 | 755488 | 5.78% | 0.416% |
| 74 | 20.827 | 3047 | 3050 | 3053 | rBV | 371528 | 372088 | 2.85% | 0.205% |
| 75 | 20.874 | 3053 | 3058 | 3062 | rBV3 | 1554338 | 2439629 | 18.67% | 1.344% |
| 76 | 21.133 | 3095 | 3102 | 3105 | rBV2 | 4814929 | 9337896 | 71.46% | 5.145% |
| 77 | 21.169 | 3105 | 3108 | 3116 | rVB | 2493063 | 3252274 | 24.89% | 1.792% |
| 78 | 21.251 | 3119 | 3122 | 3125 | rBV | 220720 | 240157 | 1.84% | 0.132% |
| 79 | 21.286 | 3125 | 3128 | 3130 | rBV | 299499 | 370890 | 2.84% | 0.204% |
| 80 | 21.310 | 3130 | 3132 | 3136 | rVB2 | 264264 | 277052 | 2.12% | 0.153% |
| 81 | 21.439 | 3150 | 3154 | 3159 | rBV2 | 279699 | 438849 | 3.36% | 0.242% |
| 82 | 21.674 | 3192 | 3194 | 3199 | rVB | 434364 | 519832 | 3.98% | 0.286% |
| 83 | 21.751 | 3201 | 3207 | 3212 | rVV3 | 1183746 | 1913006 | 14.64% | 1.054% |
| 84 | 22.210 | 3282 | 3285 | 3293 | rVB | 420580 | 559690 | 4.28% | 0.308% |
| 85 | 22.433 | 3319 | 3323 | 3335 | rVB3 | 732984 | 1143245 | 8.75% | 0.630% |
| 86 | 22.686 | 3360 | 3366 | 3368 | rBV | 2041668 | 3552837 | 27.19% | 1.957% |
| 87 | 22.721 | 3369 | 3372 | 3375 | rVV | 2267196 | 3732451 | 28.56% | 2.056% |
| 88 | 22.757 | 3375 | 3378 | 3389 | rVV3 | 1465151 | 2503212 | 19.16% | 1.379% |
| 89 | 22.851 | 3391 | 3394 | 3400 | rVB | 446702 | 683675 | 5.23% | 0.377% |
| 90 | 23.157 | 3441 | 3446 | 3450 | rBV | 1004837 | 1917737 | 14.68% | 1.057% |
| 91 | 23.210 | 3450 | 3455 | 3460 | rVV | 4482820 | 8205514 | 62.80% | 4.521% |
| 92 | 23.251 | 3460 | 3462 | 3467 | rVB | 1128755 | 1456941 | 11.15% | 0.803% |
| 93 | 23.345 | 3473 | 3478 | 3484 | rBV | 2265255 | 4159681 | 31.83% | 2.292% |
| 94 | 23.598 | 3517 | 3521 | 3529 | rVB5 | 462983 | 843273 | 6.45% | 0.465% |
| 95 | 23.939 | 3574 | 3579 | 3586 | rVB | 1298103 | 2459443 | 18.82% | 1.355% |
| 96 | 24.015 | 3586 | 3592 | 3600 | rBV | 1057768 | 2033625 | 15.56% | 1.120% |
| 97 | 25.574 | 3850 | 3857 | 3869 | rVB2 | 1437611 | 4074514 | 31.18% | 2.245% |
| 98 | 25.710 | 3874 | 3880 | 3890 | rVB4 | 367754 | 1017961 | 7.79% | 0.561% |
| 99 | 26.257 | 3968 | 3973 | 3990 | rVB | 582029 | 1680410 | 12.86% | 0.926% |
| 100 | 26.427 | 3997 | 4002 | 4017 | rVB10 | 399006 | 1295325 | 9.91% | 0.714% |

Sum of corrected areas: 181511215

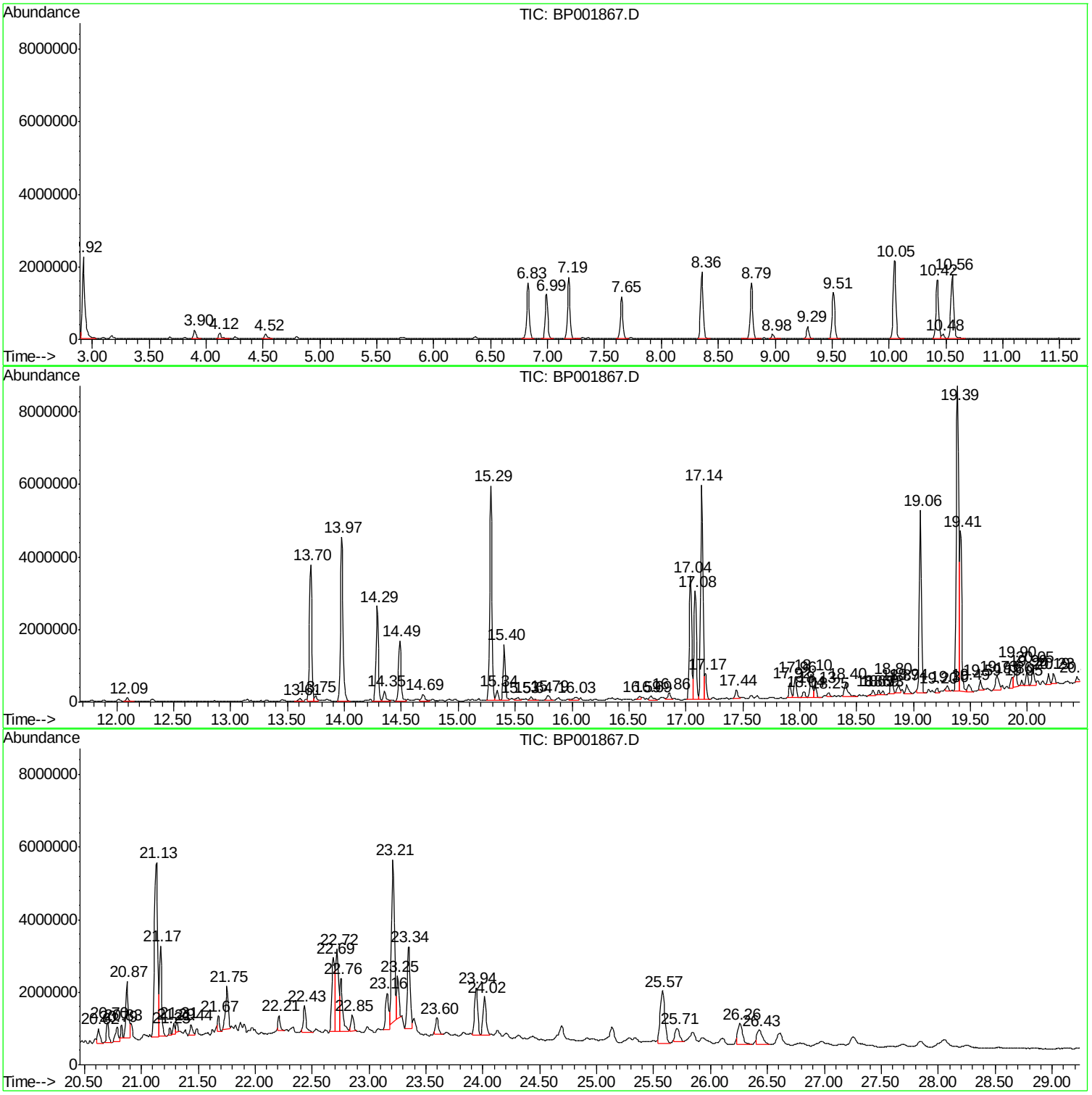
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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 : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

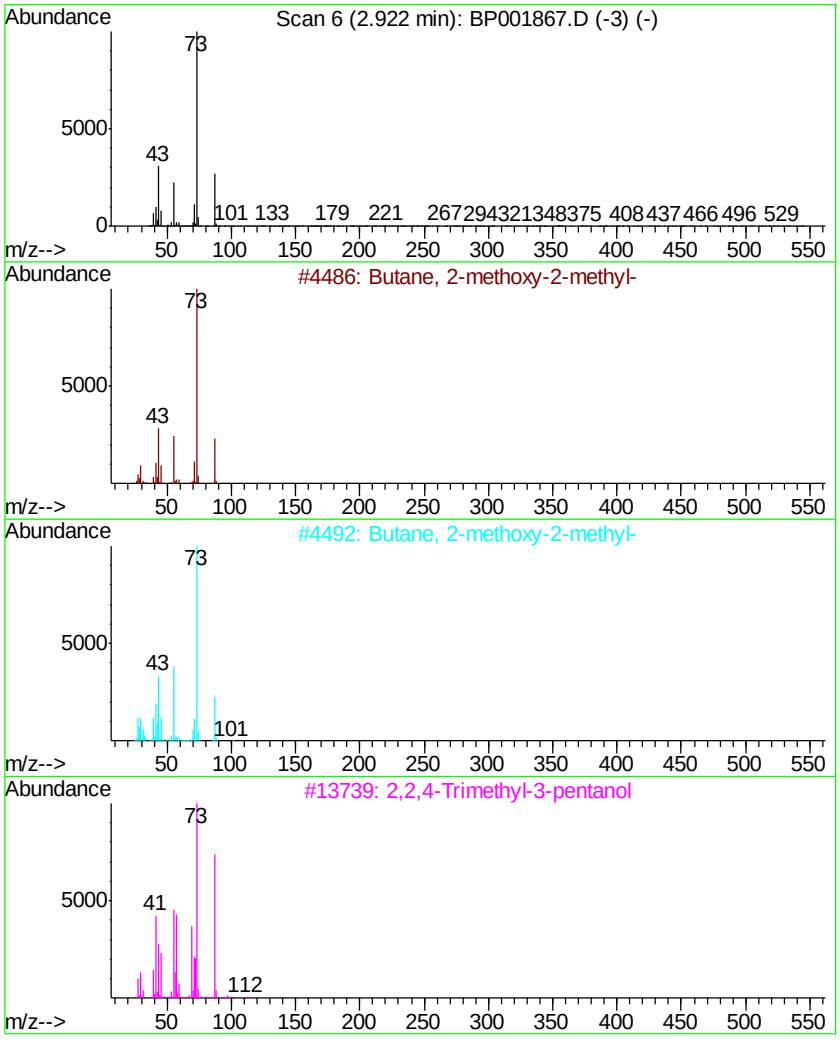
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

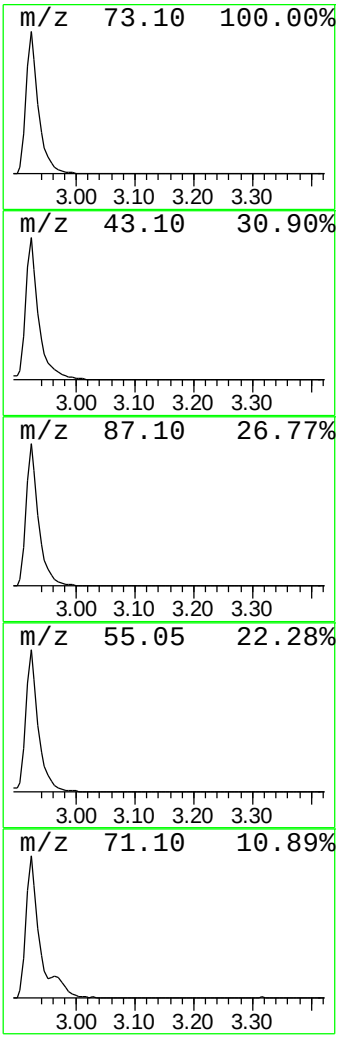
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.92 | 36.59 ng/ul | 3322080 | 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 | 78 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 74 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 9 |



# Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

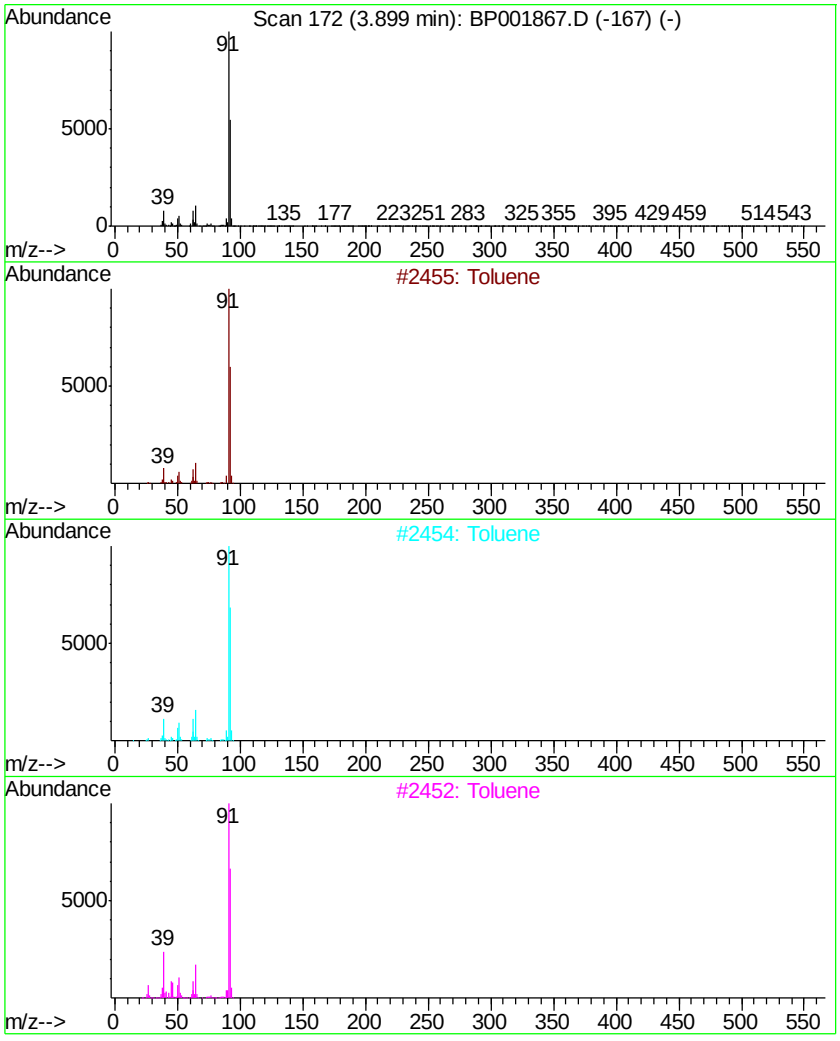
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

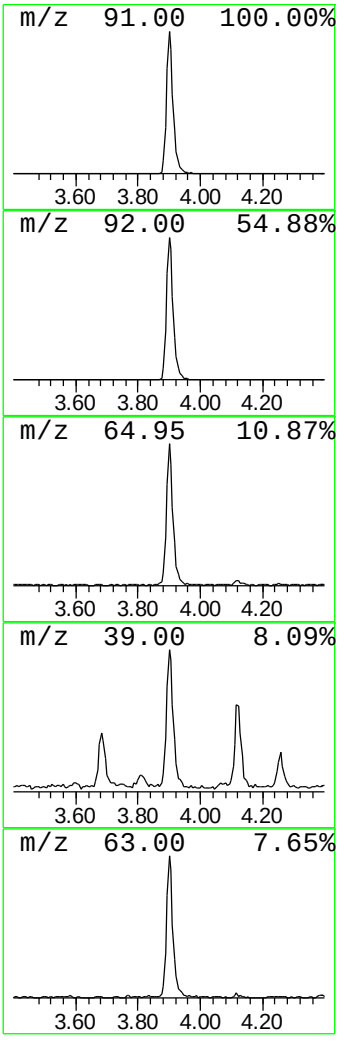
**********

Peak Number 2 Toluene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.90 | 3.78 ng/ul | 343175 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Toluene | 92 | C7H8 | 000108-88-3 | 94 |
| 2 | Toluene | 92 | C7H8 | 000108-88-3 | 93 |
| 3 | Toluene | 92 | C7H8 | 000108-88-3 | 91 |
| 4 | Toluene | 92 | C7H8 | 000108-88-3 | 91 |
| 5 | 1,3,5-Cycloheptatriene | 92 | C7H8 | 000544-25-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

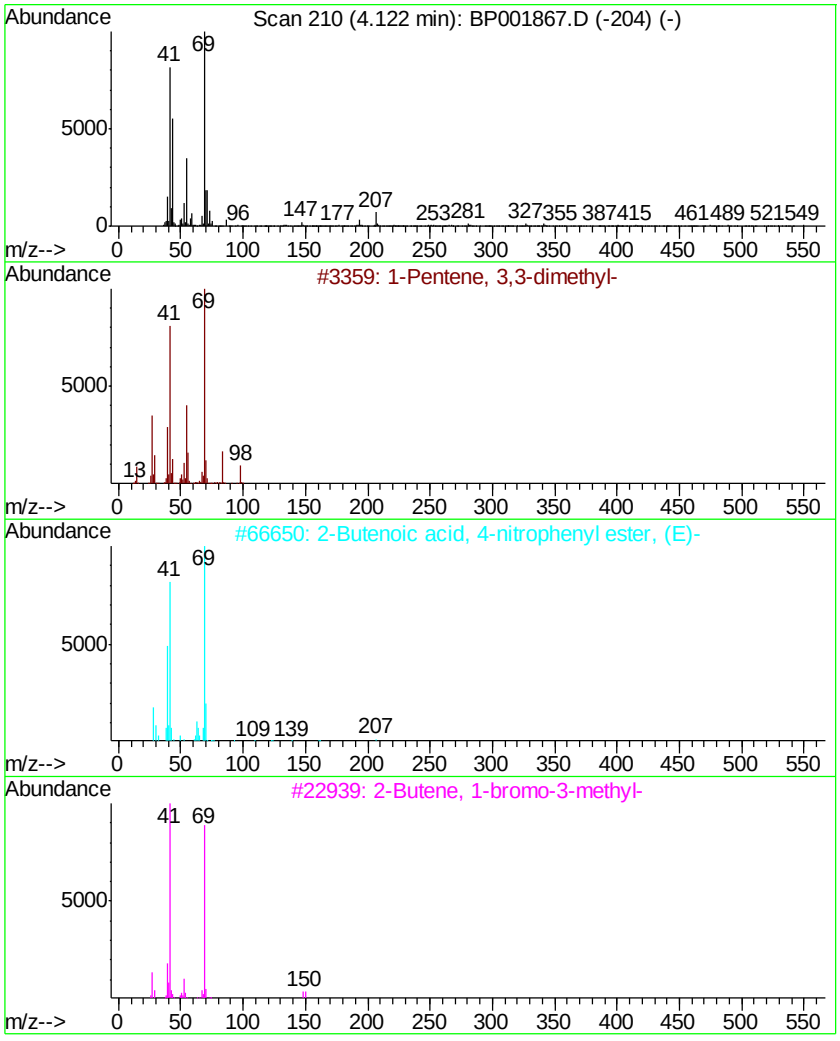
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

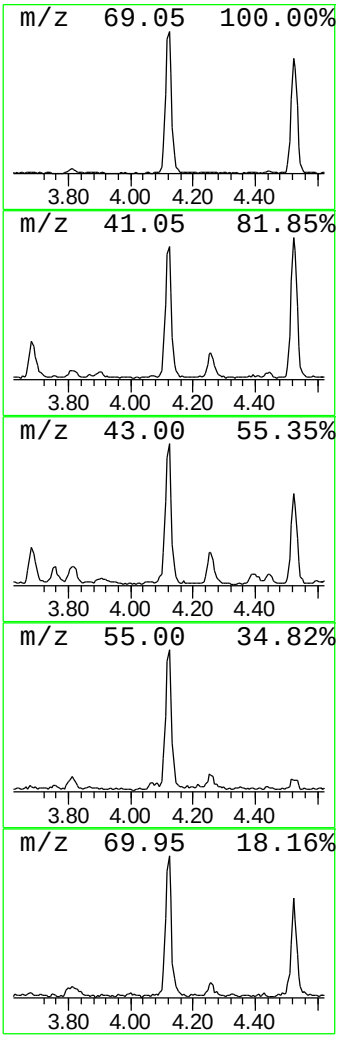
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.12 | 2.67 ng/ul | 242617 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Pentene, 3,3-dimethyl- | 98 | C7H14 | 003404-73-7 | 59 |
| 2 | 2-Butenoic acid, 4-nitrophenyl e... | 207 | C10H9NO4 | 014617-88-0 | 45 |
| 3 | 2-Butene, 1-bromo-3-methyl- | 148 | C5H9Br | 000870-63-3 | 45 |
| 4 | Cyclopentane, bromo- | 148 | C5H9Br | 000137-43-9 | 45 |
| 5 | 1-Pentyn-3-ol, 3-methyl- | 98 | C6H10O | 000077-75-8 | 45 |



# Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

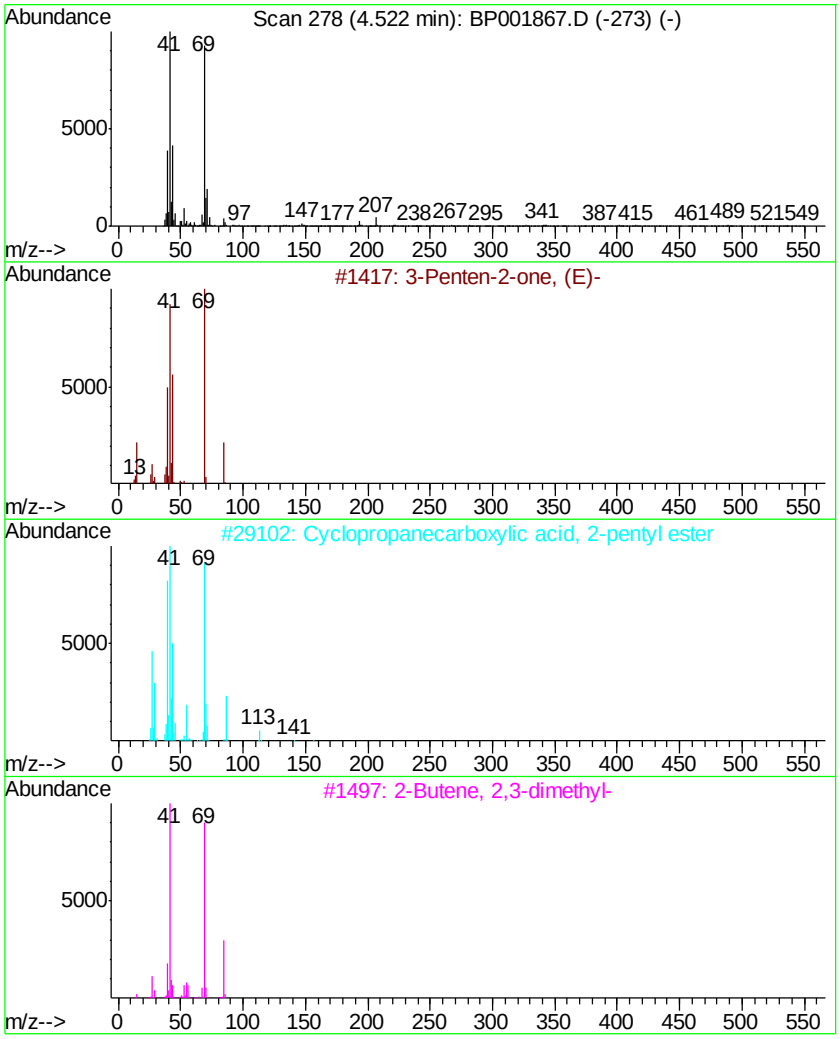
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

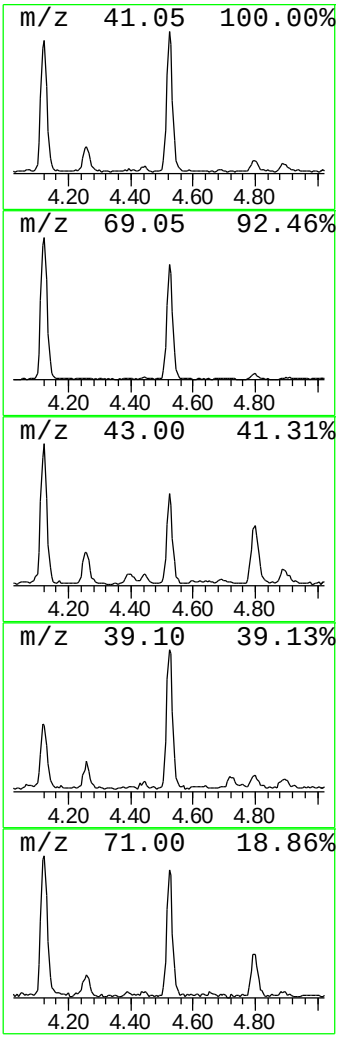
**********

Peak Number 4 3-Penten-2-one, (E)- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.52 | 2.20 ng/ul | 199288 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Penten-2-one, (E)- | 84 | C5H8O | 003102-33-8 | 59 |
| 2 | Cyclopropanecarboxylic acid, 2-p... | 156 | C9H16O2 | 1000278-80-0 | 50 |
| 3 | 2-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-79-1 | 43 |
| 4 | 1-Butene, 2,3-dimethyl- | 84 | C6H12 | 000563-78-0 | 43 |
| 5 | 2-Pentene, 2-methyl- | 84 | C6H12 | 000625-27-4 | 43 |



# Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

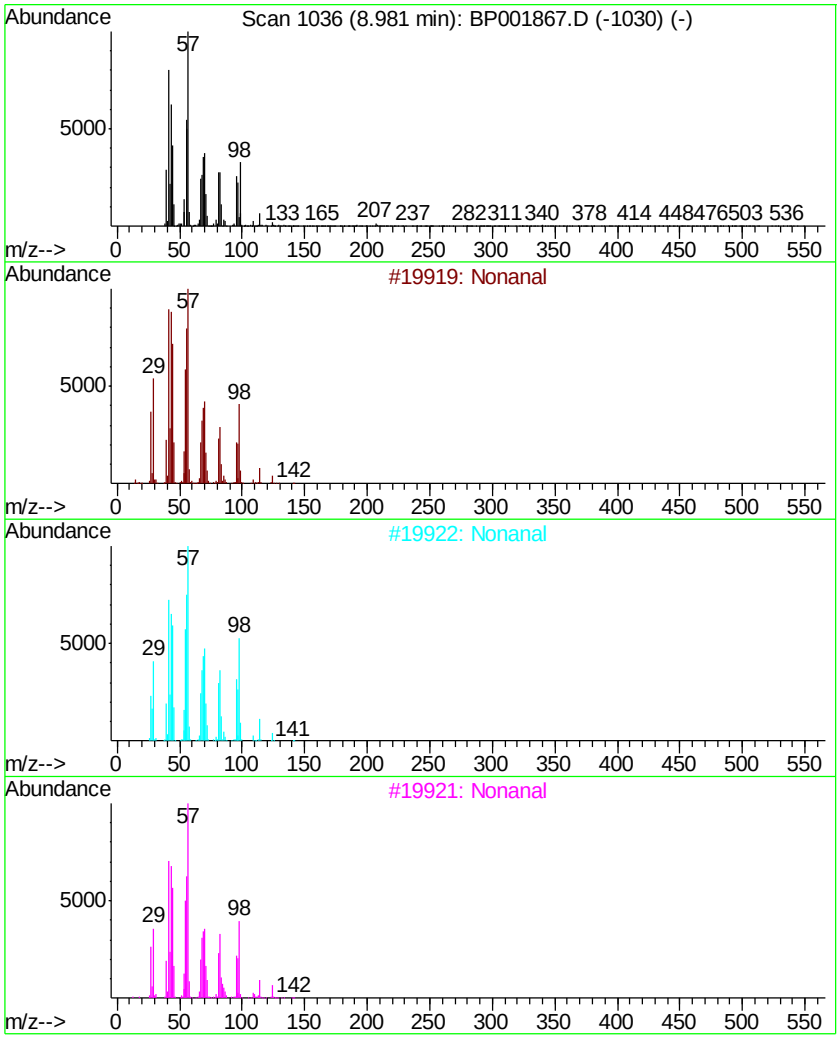
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

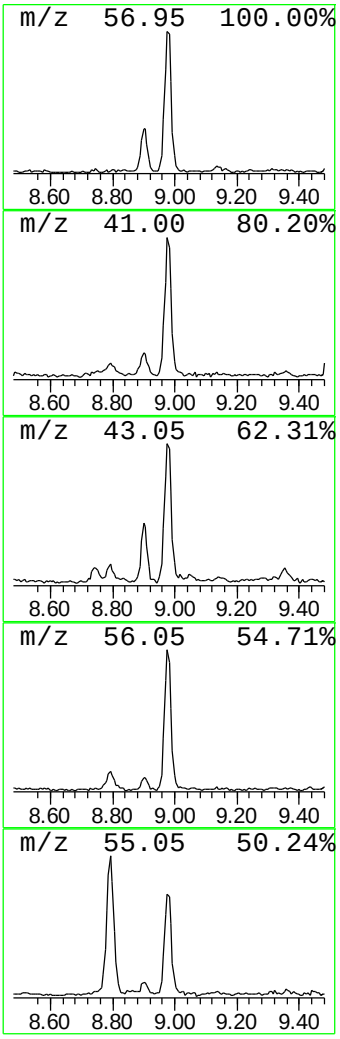
**********

Peak Number 5 Nonanal Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.98 | 2.21 ng/ul | 200906 | 1,4-Dichlorobenzene-d4 | 7.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonanal | 142 | C9H18O | 000124-19-6 | 90 |
| 2 | Nonanal | 142 | C9H18O | 000124-19-6 | 83 |
| 3 | Nonanal | 142 | C9H18O | 000124-19-6 | 72 |
| 4 | Nonanal | 142 | C9H18O | 000124-19-6 | 64 |
| 5 | Cyclohexanol, 2-methyl-, trans- | 114 | C7H14O | 007443-52-9 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

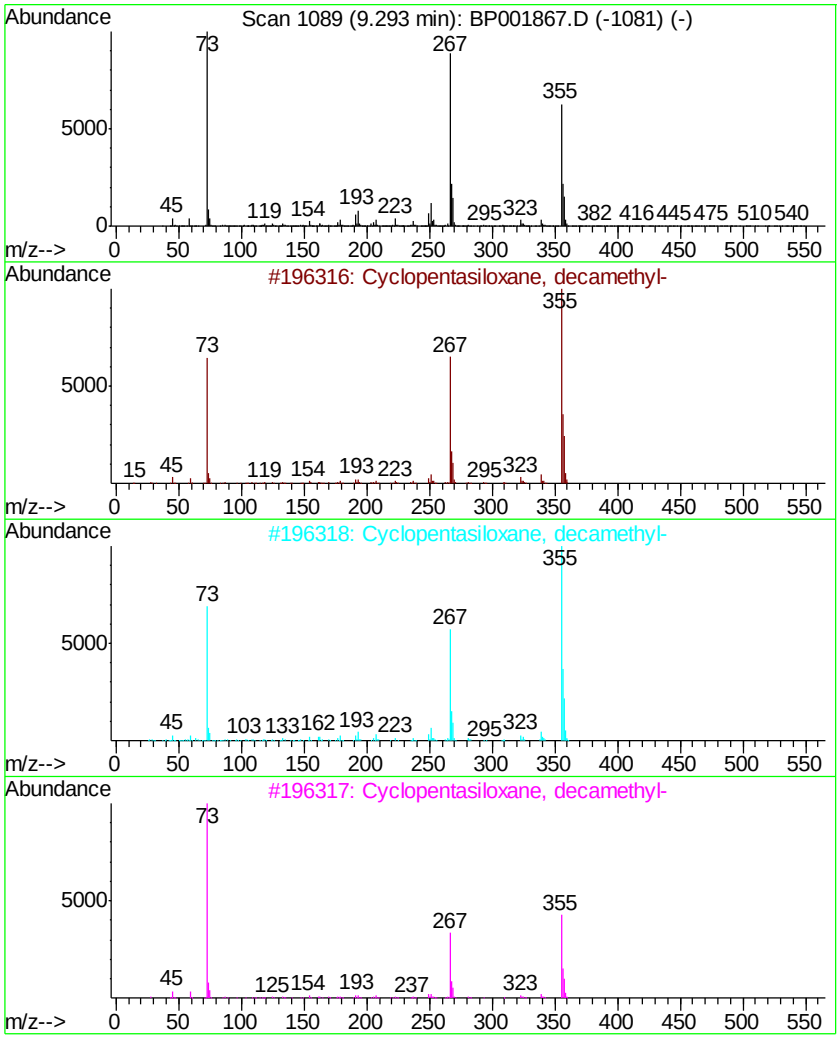
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

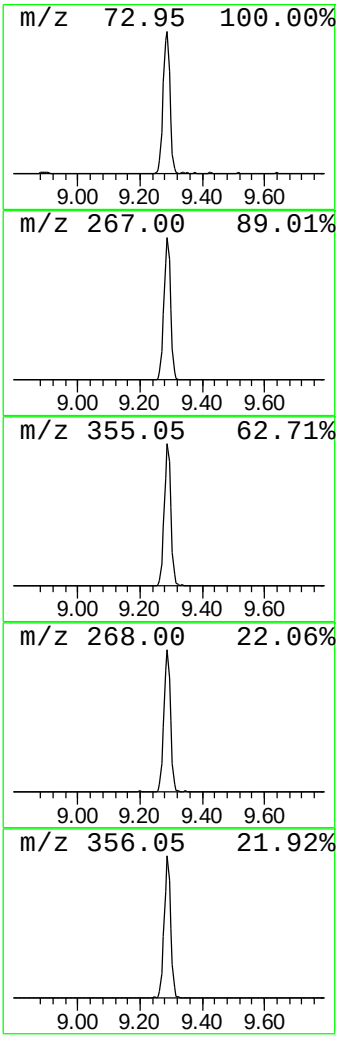
**********

Peak Number 6 Cyclopentasiloxane, decamet... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.29 | 3.70 ng/ul | 515434 | Naphthalene-d8 | 10.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentasiloxane, decamethyl- | 370 | C10H30O5Si5 | 000541-02-6 | 91 |
| 2 | Cyclopentasiloxane, decamethyl- | 370 | C10H30O5Si5 | 000541-02-6 | 91 |
| 3 | Cyclopentasiloxane, decamethyl- | 370 | C10H30O5Si5 | 000541-02-6 | 91 |
| 4 | Plumbane, diethyldimethyl- | 296 | C6H16Pb | 001762-27-2 | 80 |
| 5 | Butanamide, 2,2,3,3,4,4,4-heptaf... | 493 | C18H26F7NO3Si2 | 055471-01-7 | 47 |



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Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

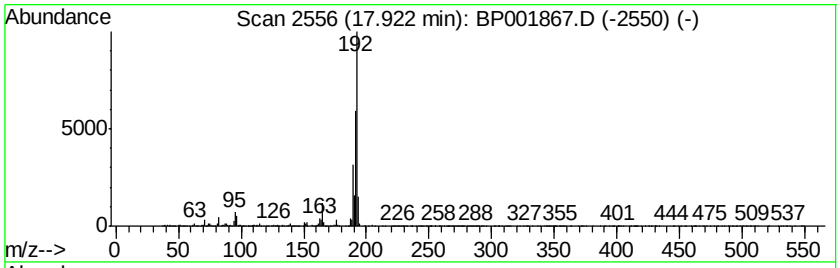
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

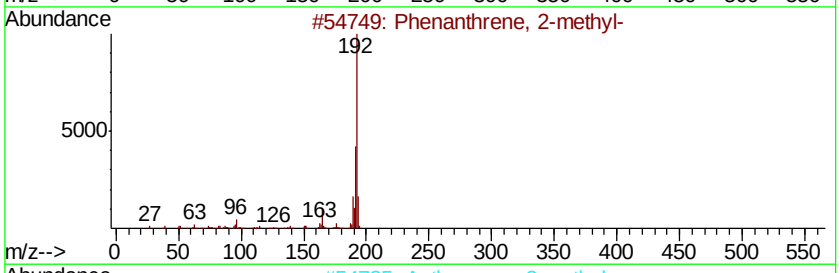
**********

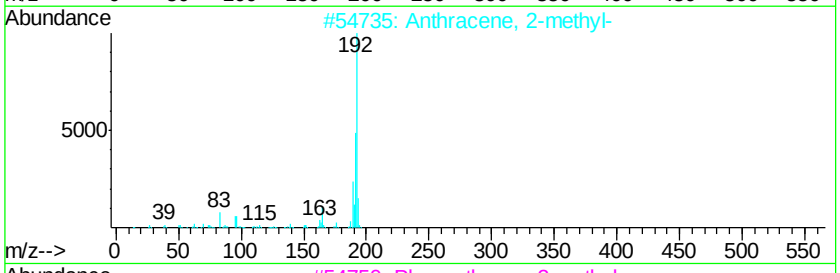
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 20

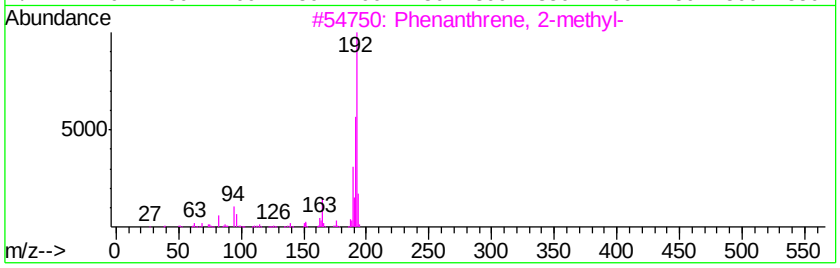
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.92 | 2.36 ng/ul | 581016 | Phenanthrene-d10 | 17.04 |

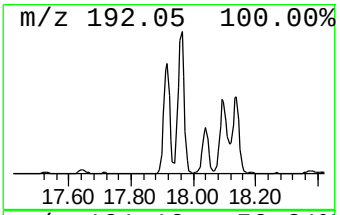
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |

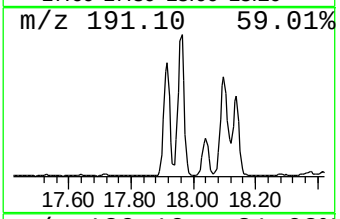


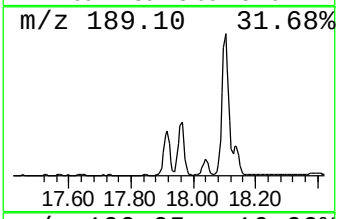



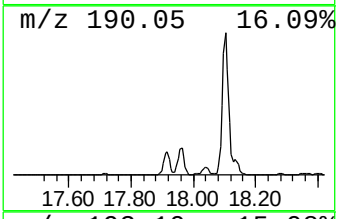



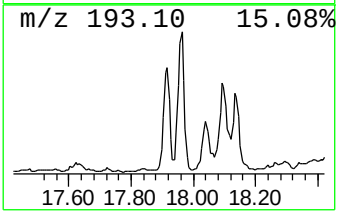



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

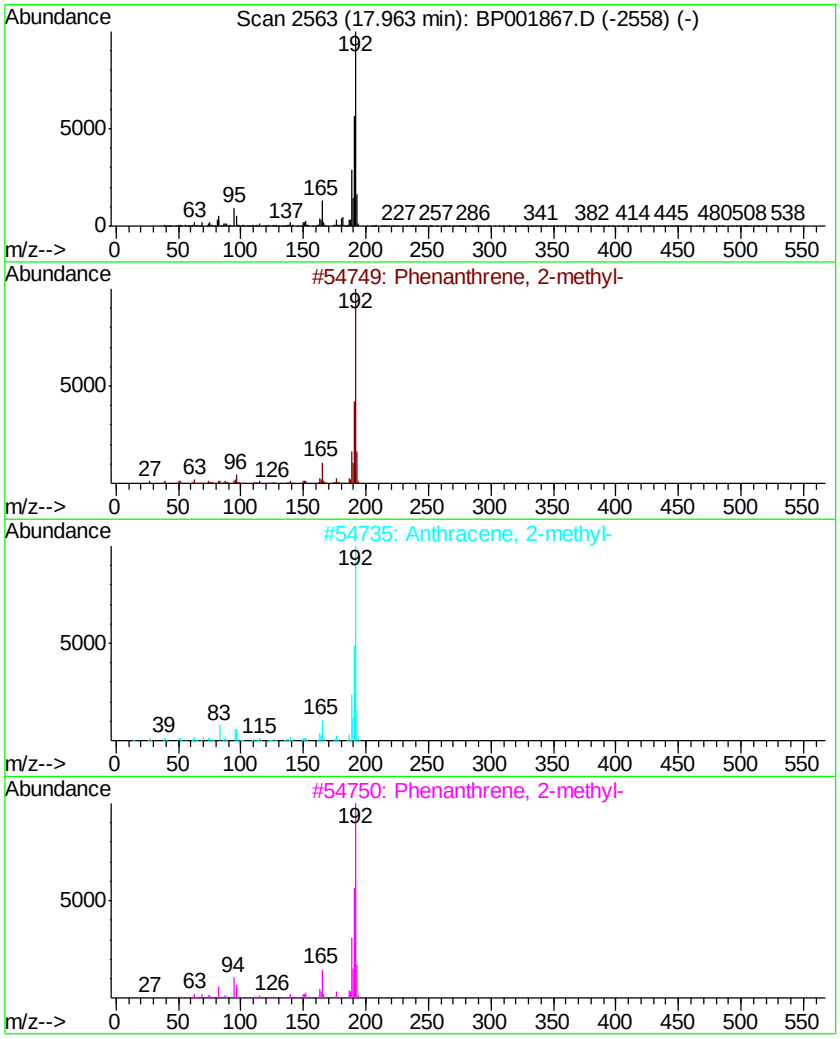
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

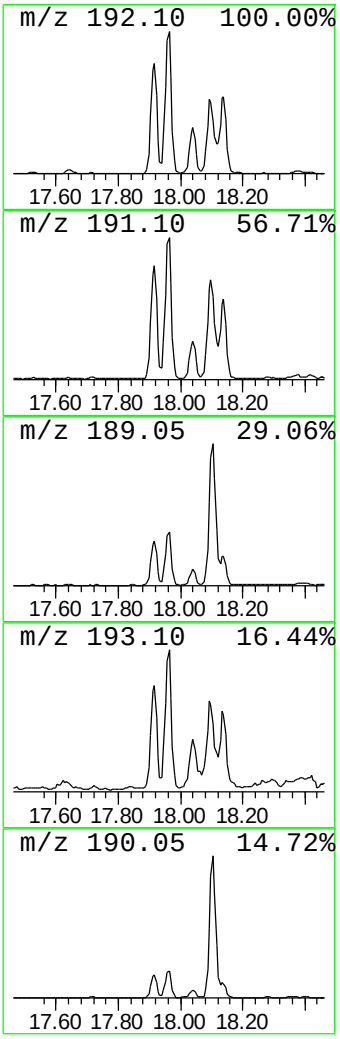
**********

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.96 | 3.36 ng/ul | 824887 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 97 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

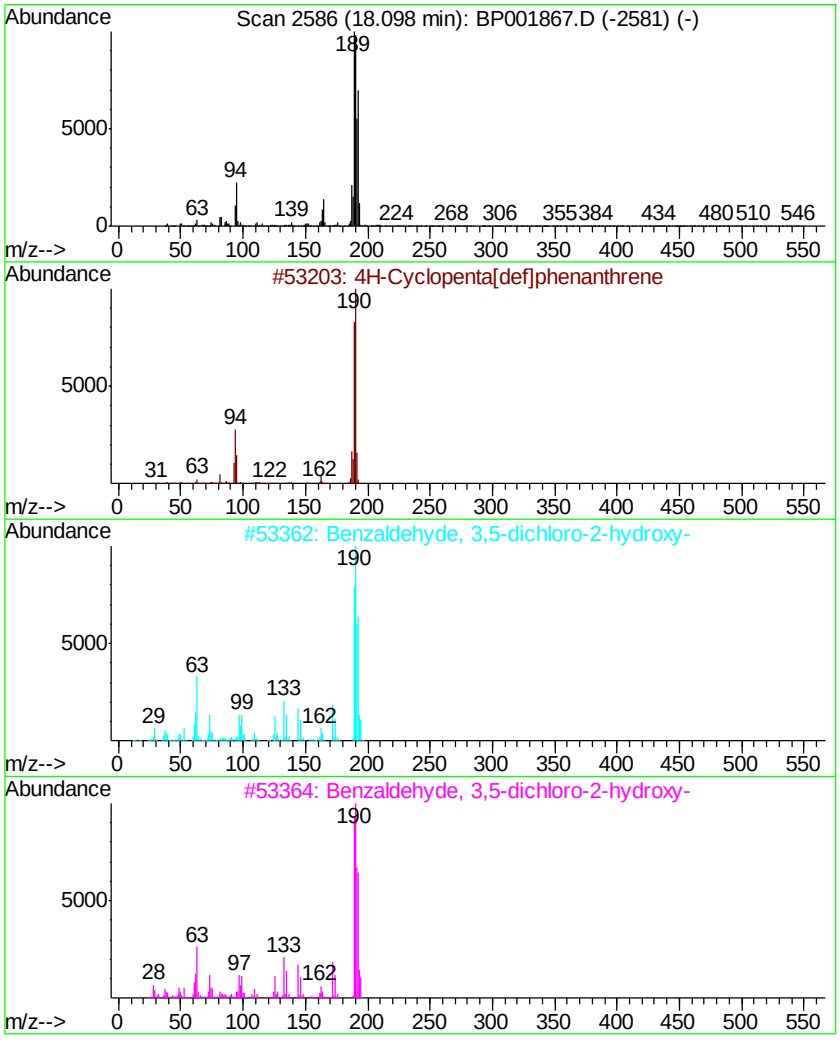
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

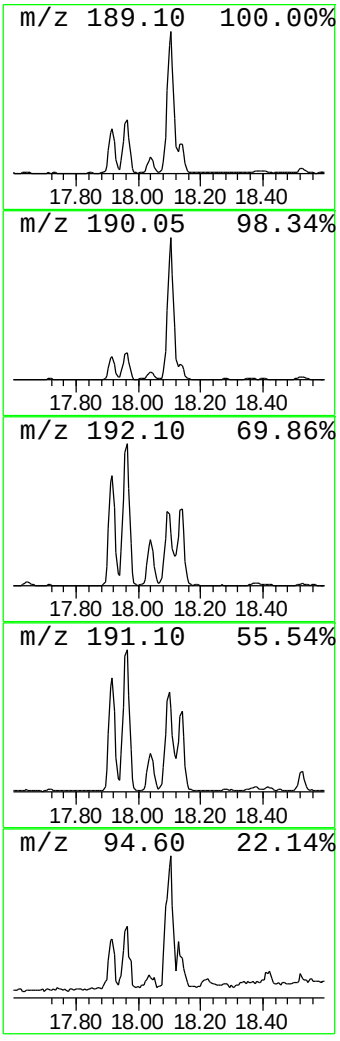
**********

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.10 | 4.24 ng/ul | 1041680 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 92 |
| 2 | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2 | 000090-60-8 | 72 |
| 3 | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2 | 000090-60-8 | 72 |
| 4 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 58 |
| 5 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

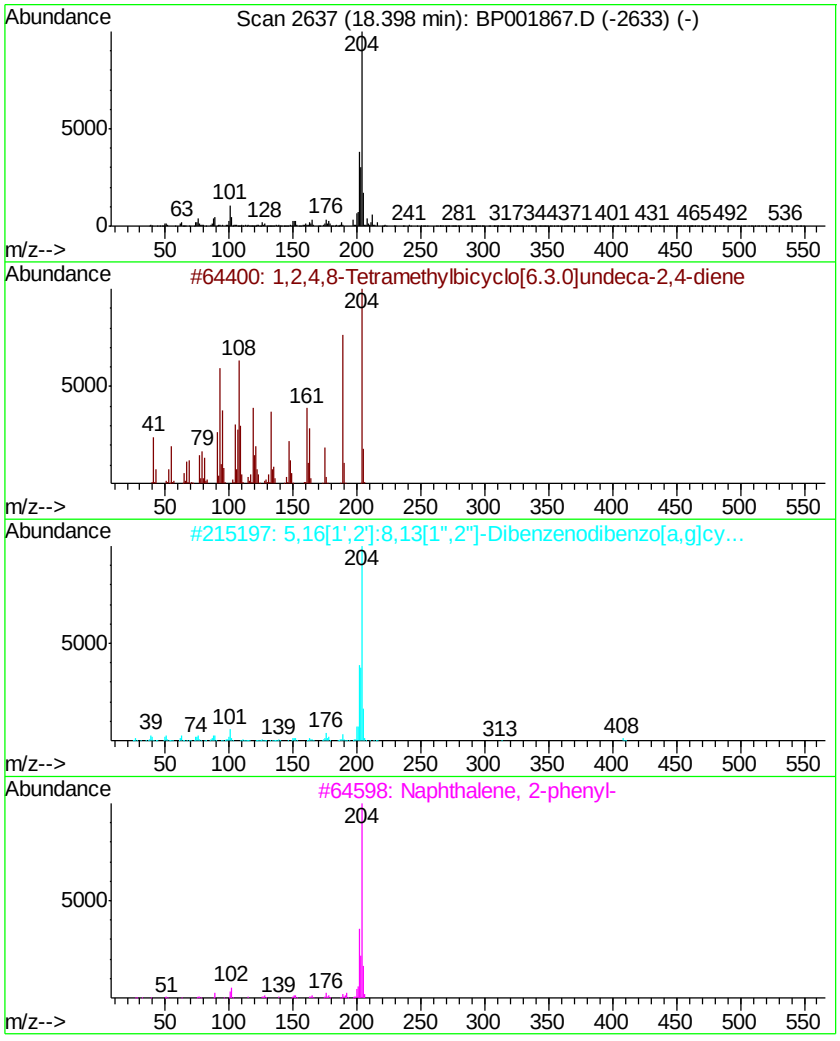
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

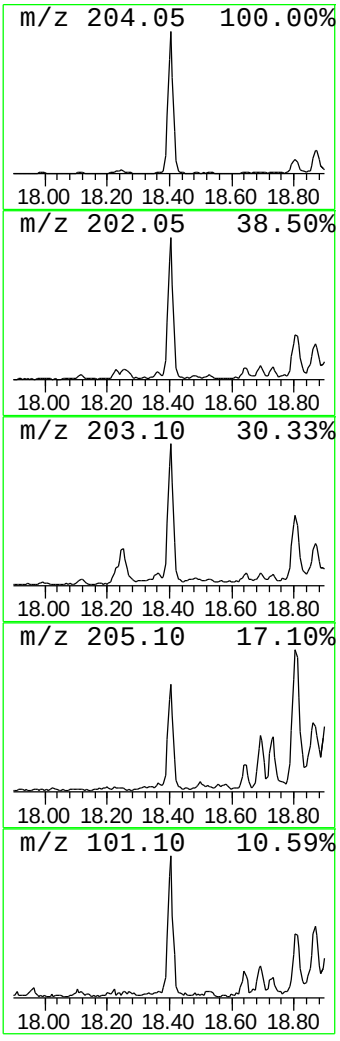
**********

Peak Number 10 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.40 | 2.86 ng/ul | 702288 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 86 |
| 2 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 86 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 81 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 76 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

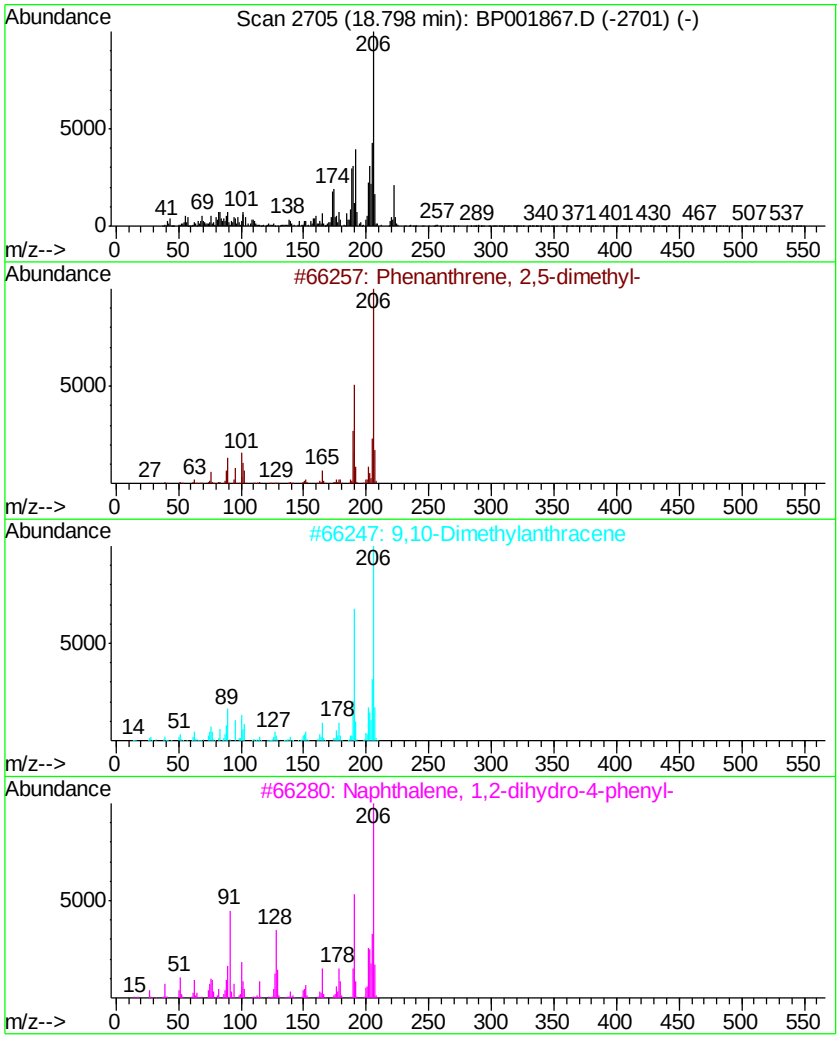
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

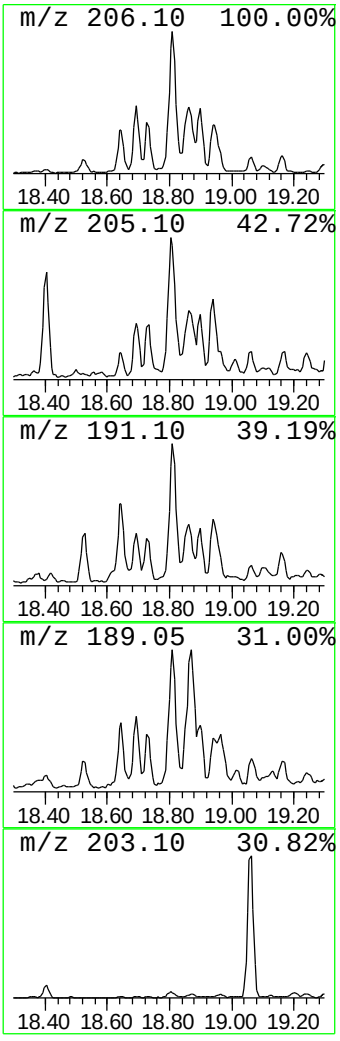
**********

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.80 | 2.89 ng/ul | 708878 | Phenanthrene-d10 | 17.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 91 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 89 |
| 3 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 83 |
| 4 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 74 |
| 5 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

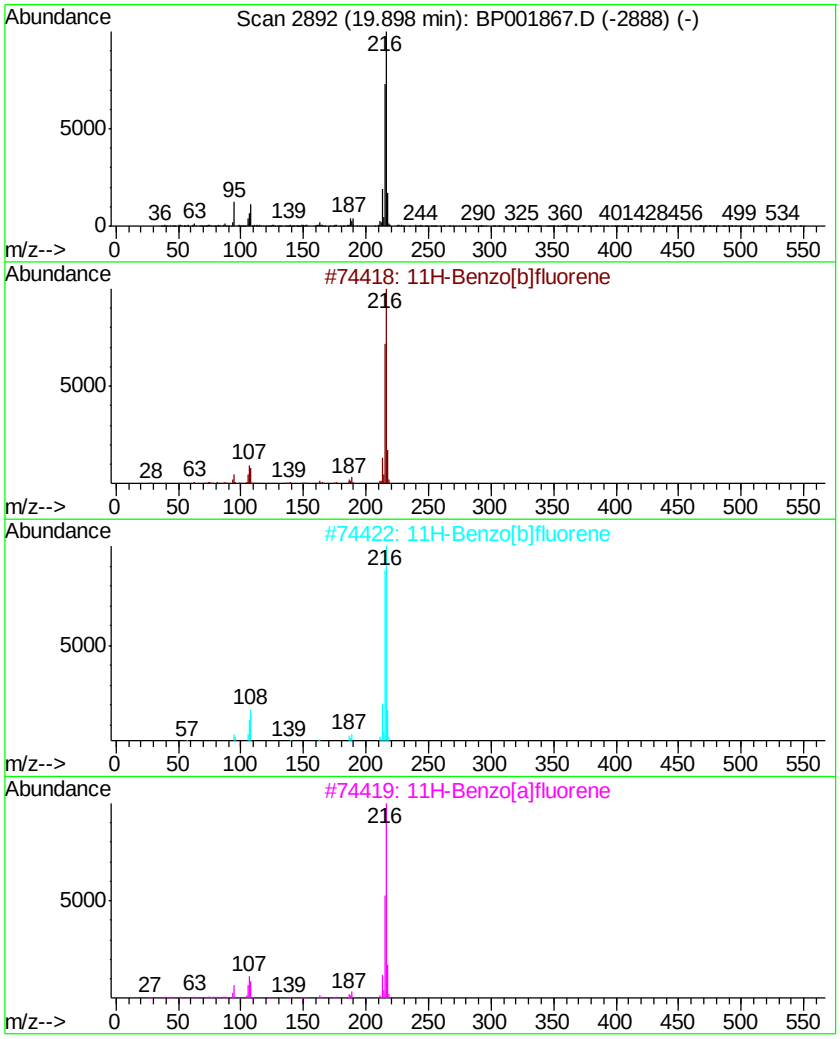
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

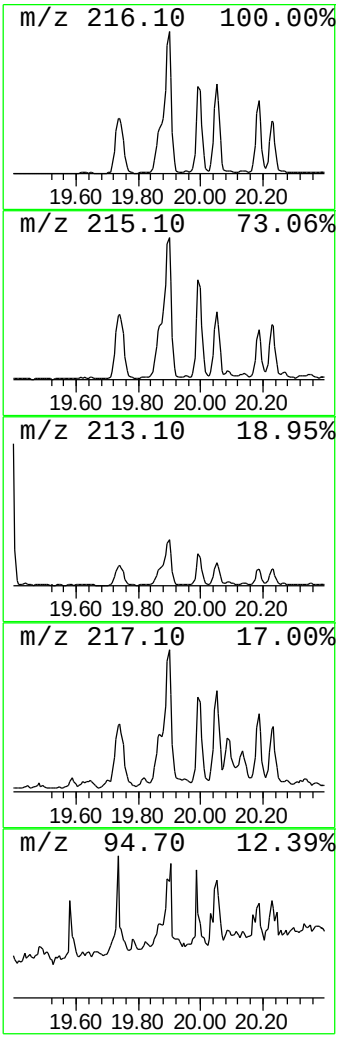
**********

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.90 | 2.10 ng/ul | 978588 | Chrysene-d12 | 21.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 94 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 87 |



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Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

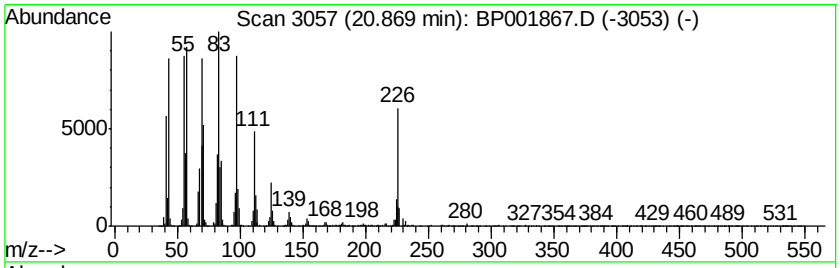
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

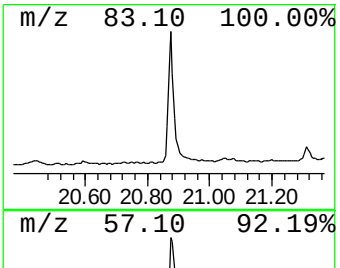
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.87 | 5.23 ng/ul | 2439630 | Chrysene-d12 | 21.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 98 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 94 |
| 3 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 5 | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

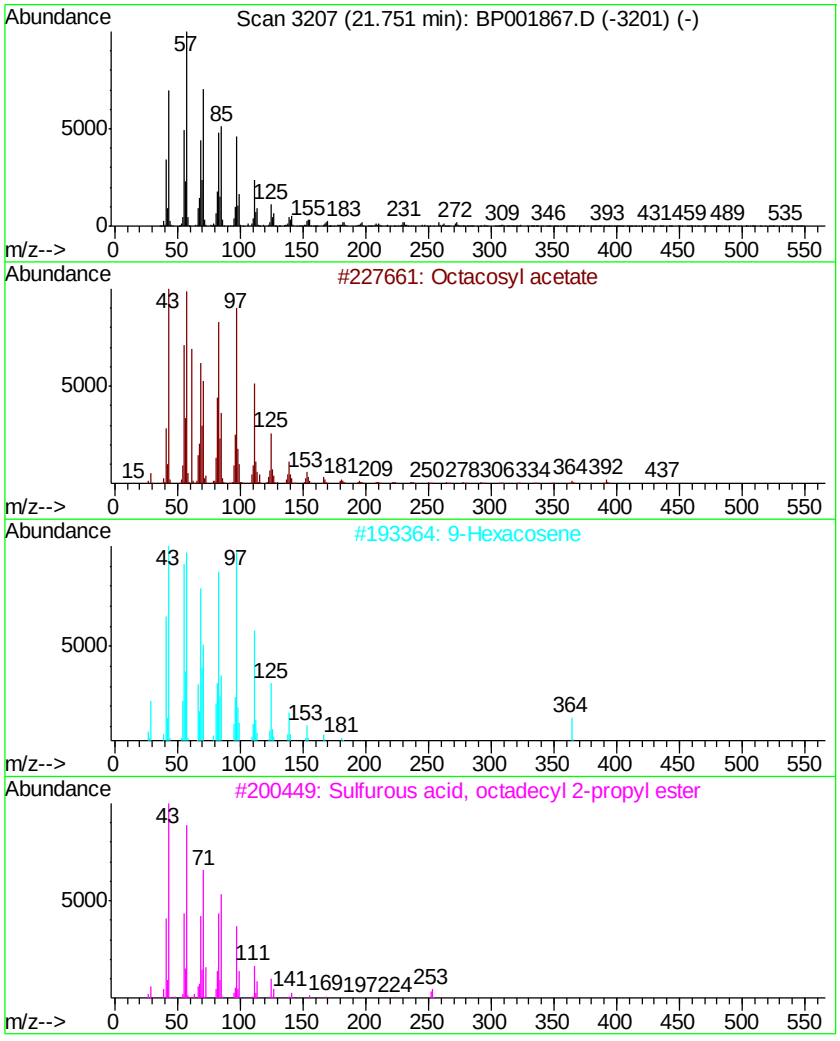
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

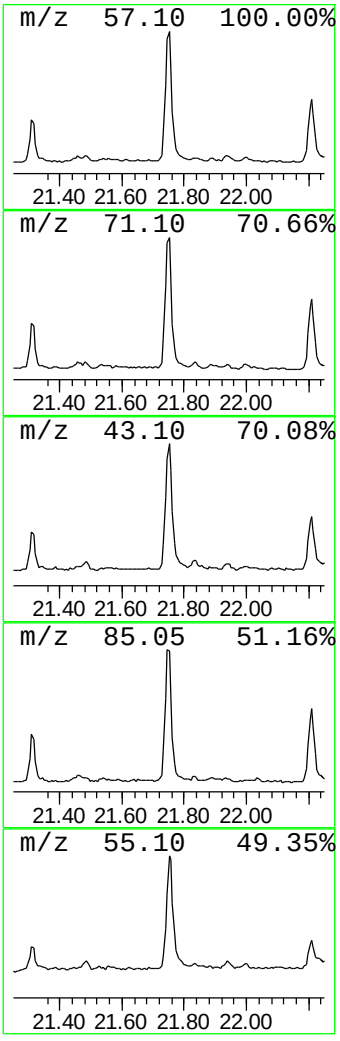
**********

Peak Number 15 Octacosyl acetate Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.75 | 4.10 ng/ul | 1913010 | Chrysene-d12 | 21.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosyl acetate | 452 | C30H60O2 | 018206-97-8 | 96 |
| 2 | 9-Hexacosene | 364 | C26H52 | 071502-22-2 | 92 |
| 3 | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S | 1000309-12-7 | 91 |
| 4 | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4 | 1000309-38-1 | 91 |
| 5 | Heneicosyl heptafluorobutyrate | 508 | C25H43F7O2 | 1000351-83-8 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

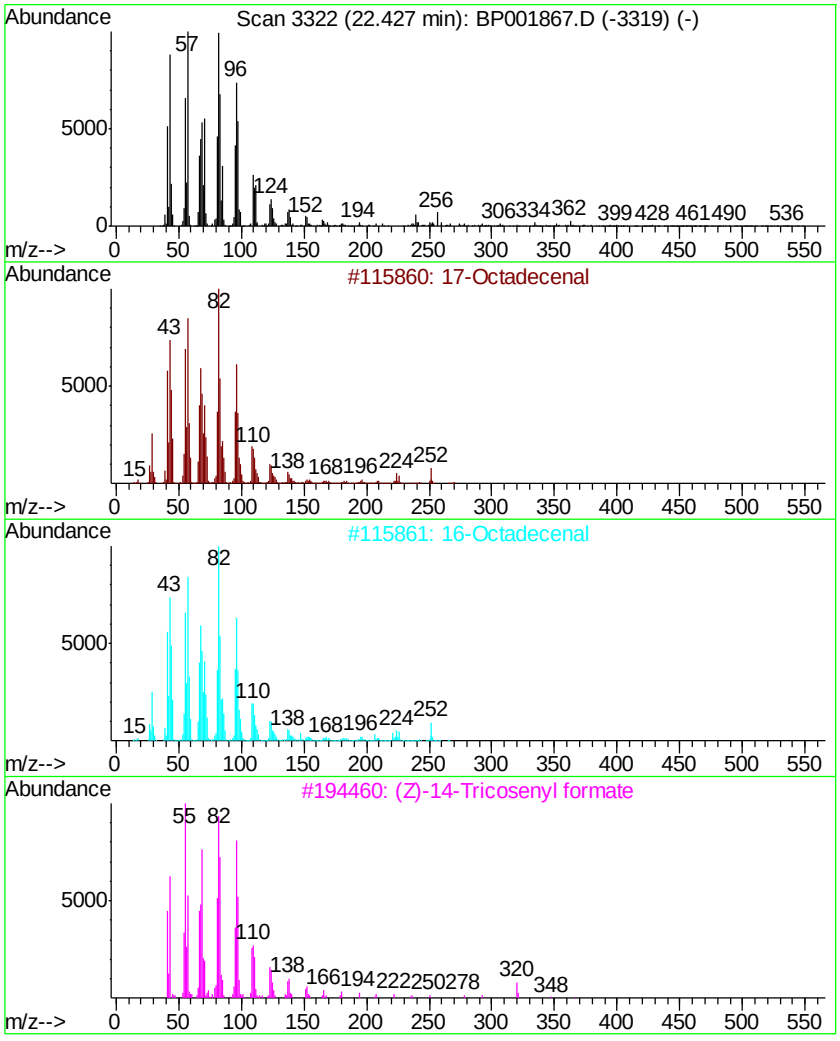
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

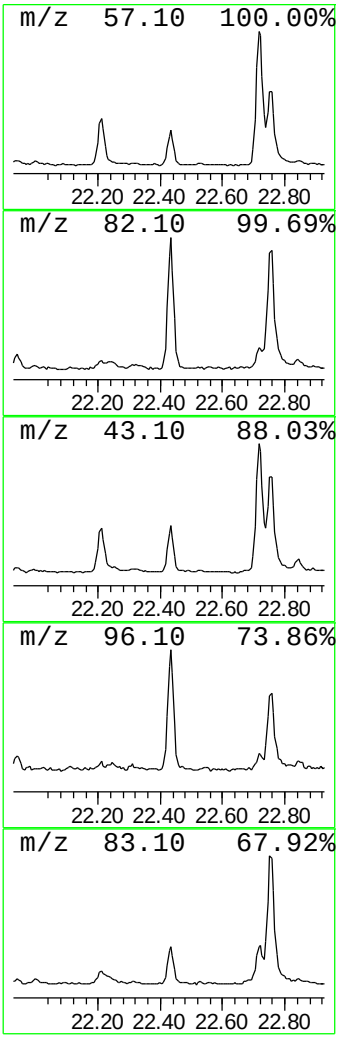
**********

Peak Number 16 17-Octadecenal Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.43 | 5.50 ng/ul | 1143250 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 17-Octadecenal | 266 | C18H34O | 056554-86-0 | 93 |
| 2 | 16-Octadecenal | 266 | C18H34O | 056554-87-1 | 93 |
| 3 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 91 |
| 4 | 13-Octadecenal | 266 | C18H34O | 056554-90-6 | 91 |
| 5 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

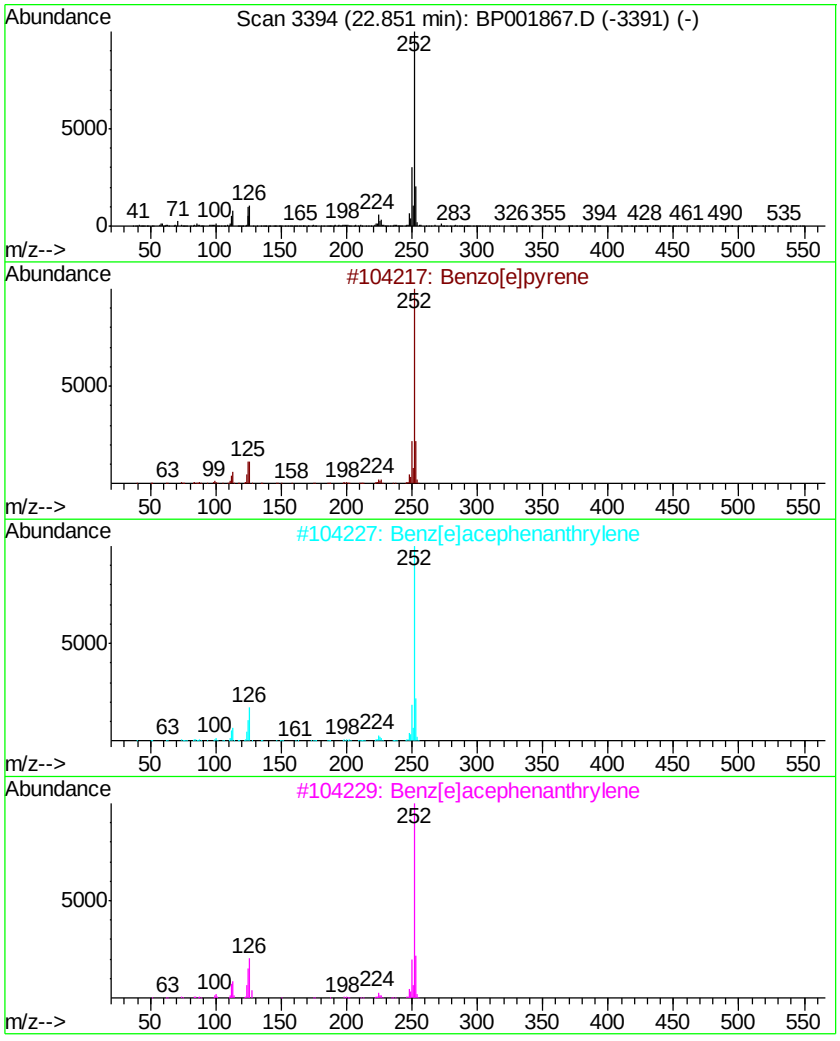
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

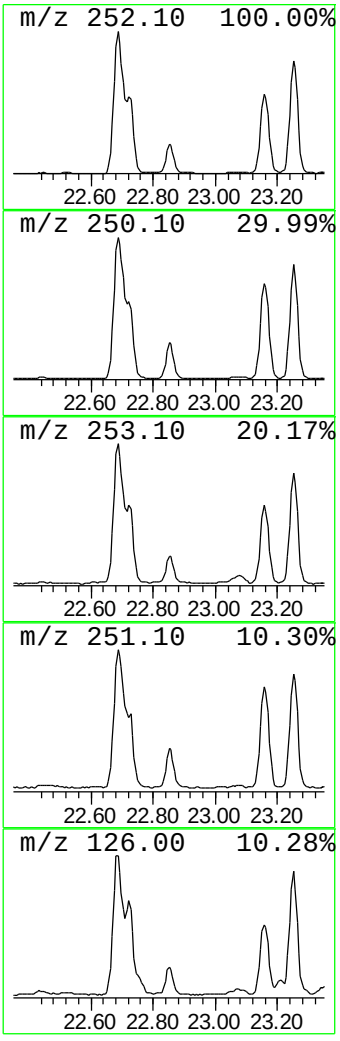
**********

Peak Number 17 Benzo[e]pyrene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.85 | 3.29 ng/ul | 683675 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 97 |
| 2 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 95 |
| 3 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 93 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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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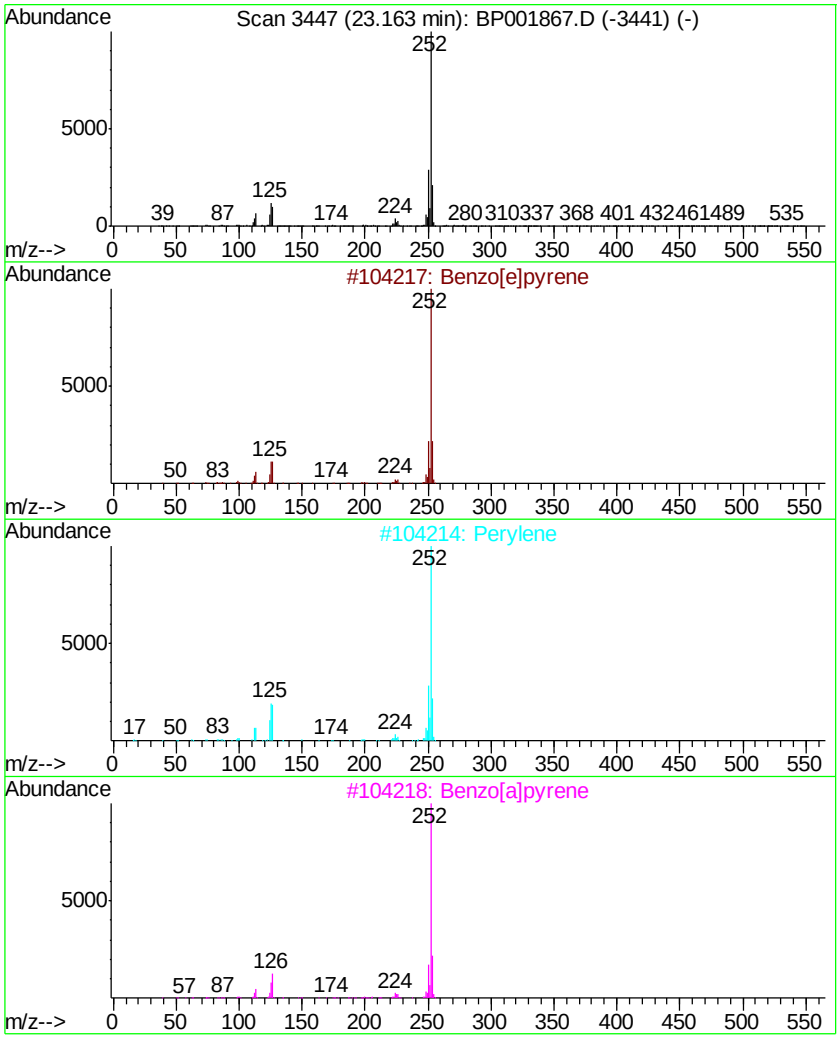
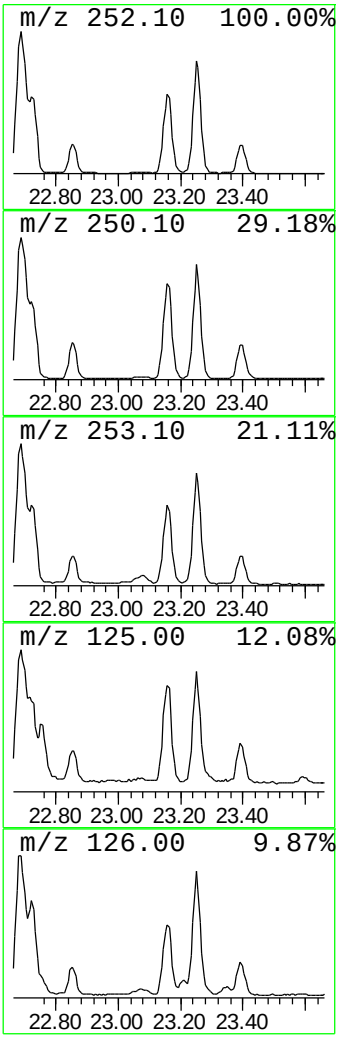
Peak Number 18 Perylene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.16 | 9.22 ng/ul | 1917740 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 99 |
| 2 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 95 |
| 4 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 95 |
| 5 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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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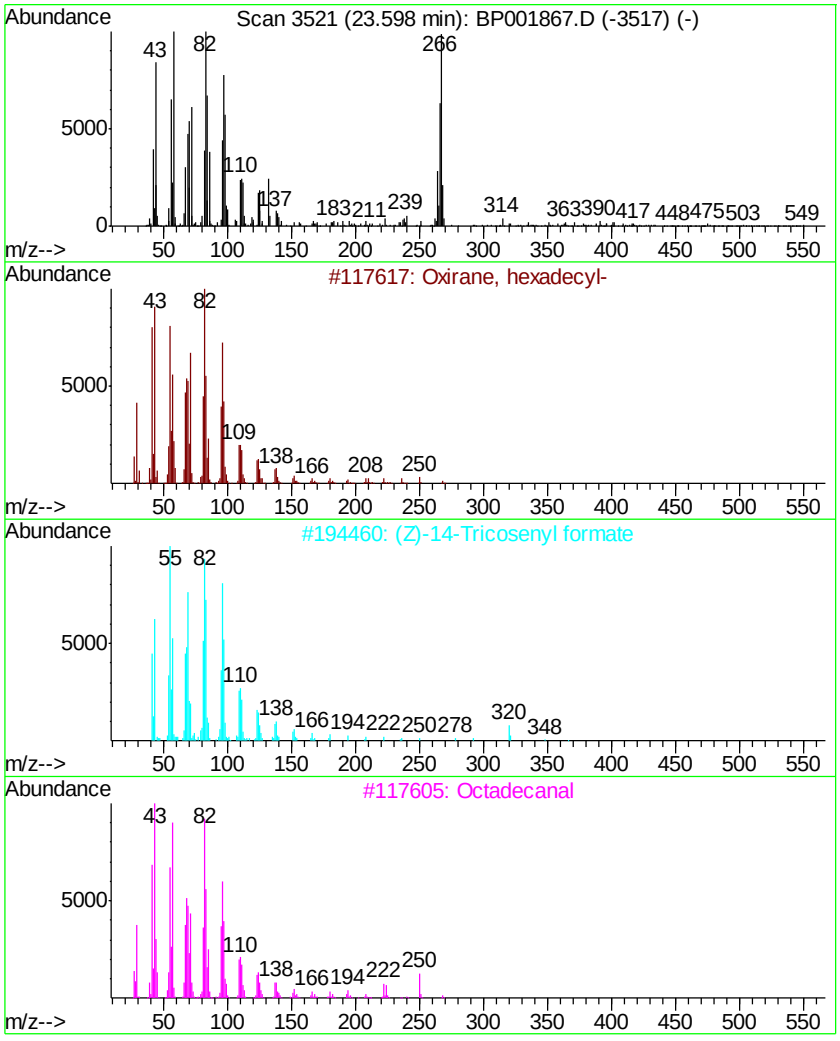
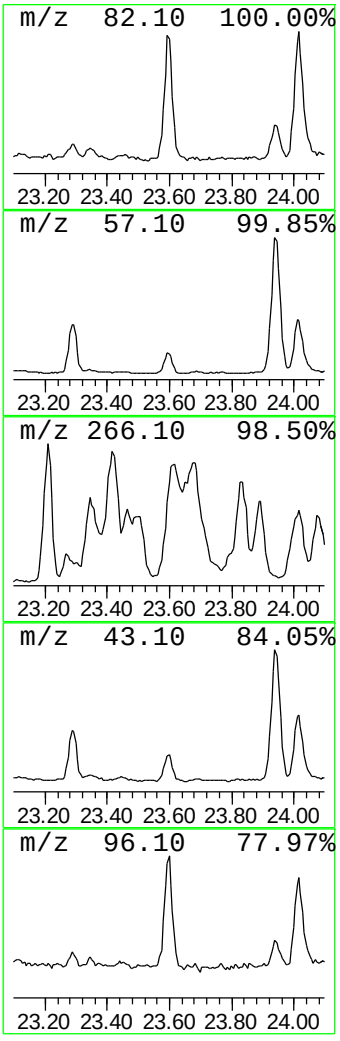
Peak Number 19 Oxirane, hexadecyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.60 | 4.05 ng/ul | 843273 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 55 |
| 2 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 55 |
| 3 | Octadecanal | 268 | C18H36O | 000638-66-4 | 53 |
| 4 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 49 |
| 5 | Octadecanal | 268 | C18H36O | 000638-66-4 | 46 |



# Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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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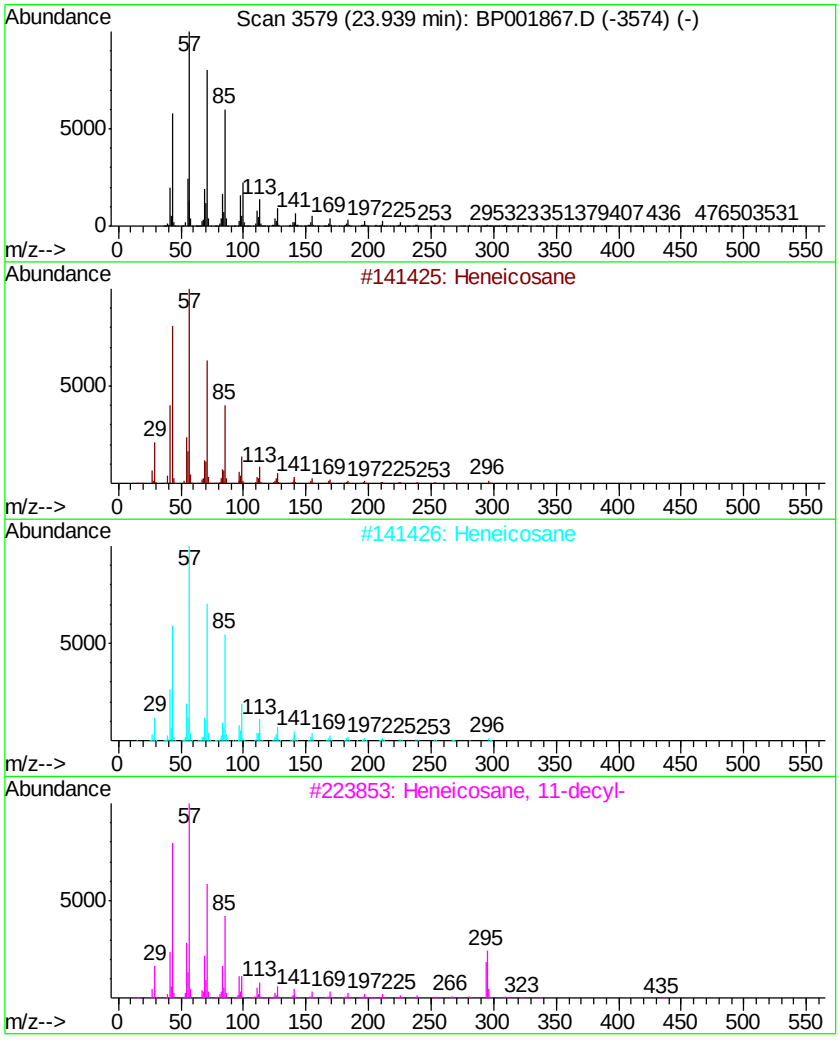
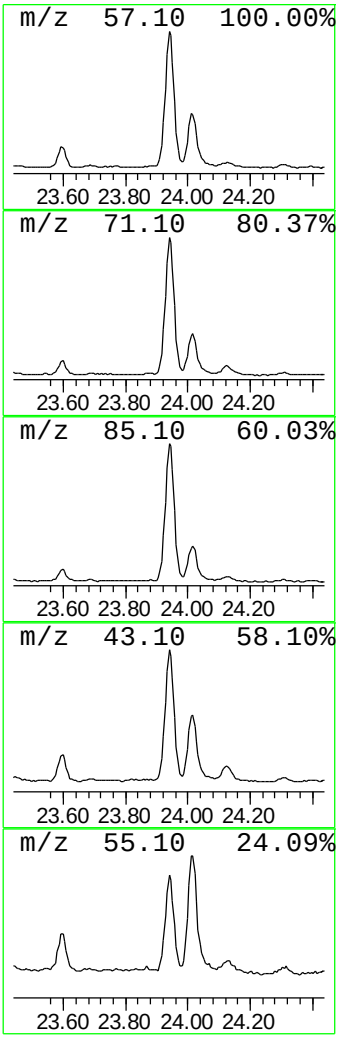
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.94 | 11.83 ng/ul | 2459440 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 97 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 97 |
| 3 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 94 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 93 |
| 5 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 93 |



# Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

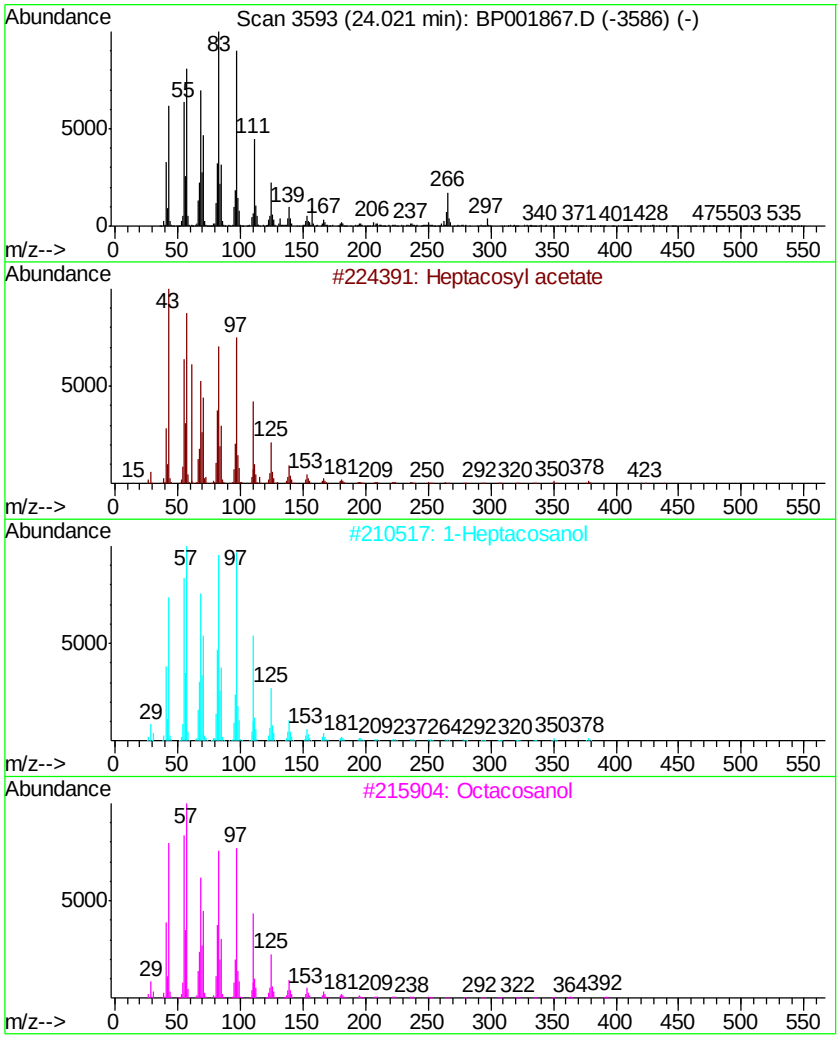
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

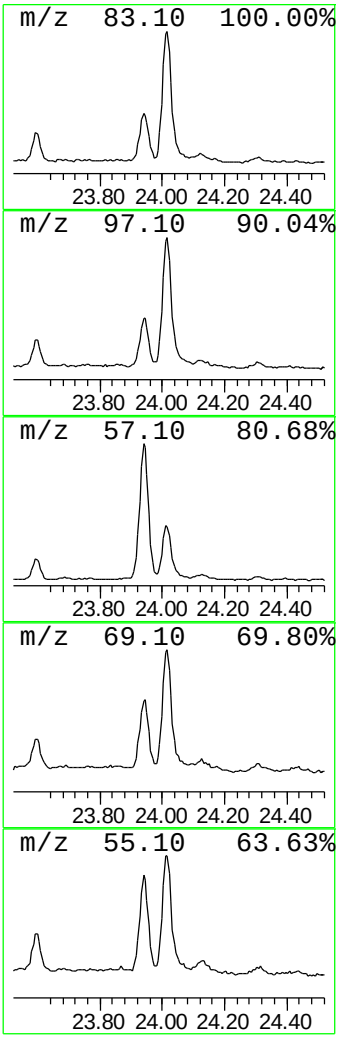
**********

Peak Number 21 Heptacosyl acetate Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.02 | 9.78 ng/ul | 2033630 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 98 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 93 |
| 3 | Octacosanol | 410 | C28H58O | 000557-61-9 | 91 |
| 4 | Triacontyl acetate | 480 | C32H64O2 | 041755-58-2 | 90 |
| 5 | 9-Nonadecene | 266 | C19H38 | 031035-07-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

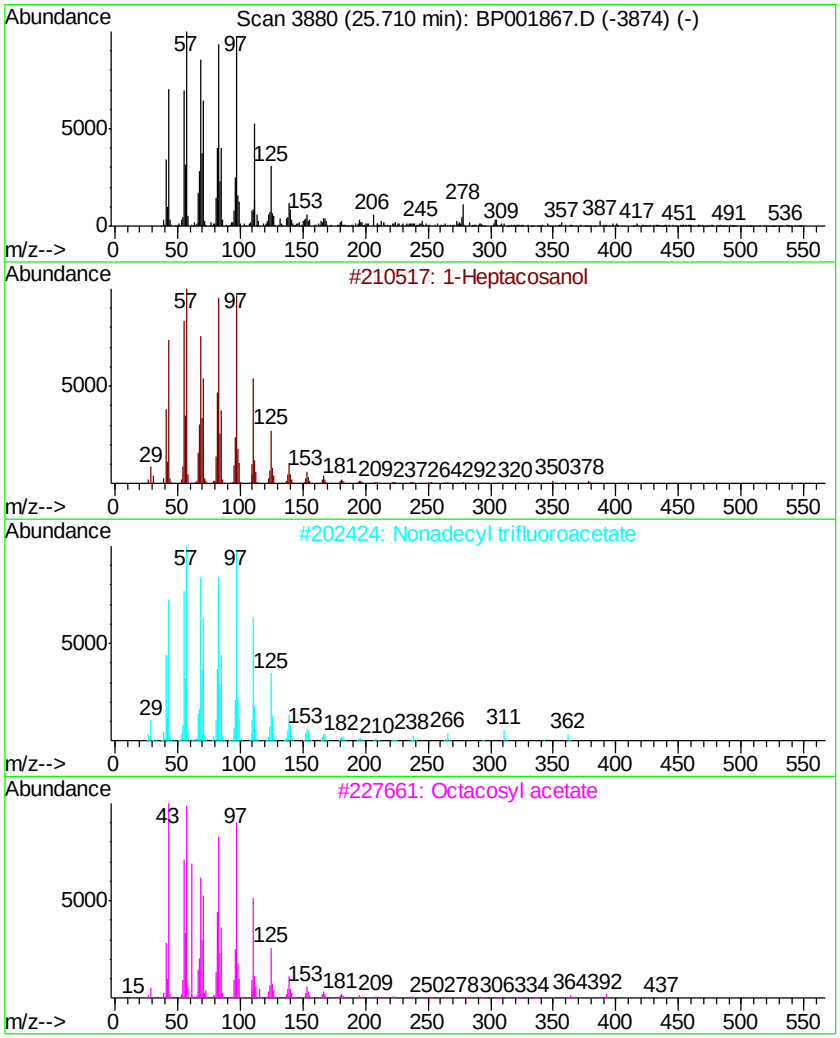
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

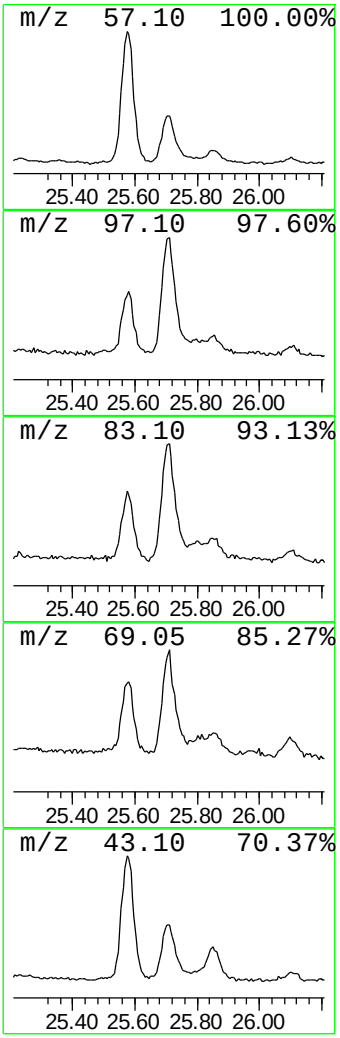
**********

Peak Number 22 1-Heptacosanol Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.71 | 4.89 ng/ul | 1017960 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 94 |
| 2 | Nonadecyl trifluoroacetate | 380 | C21H39F3O2 | 1000351-76-3 | 91 |
| 3 | Octacosyl acetate | 452 | C30H60O2 | 018206-97-8 | 90 |
| 4 | Docosyl heptafluorobutyrate | 522 | C26H45F7O2 | 1000351-83-1 | 90 |
| 5 | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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

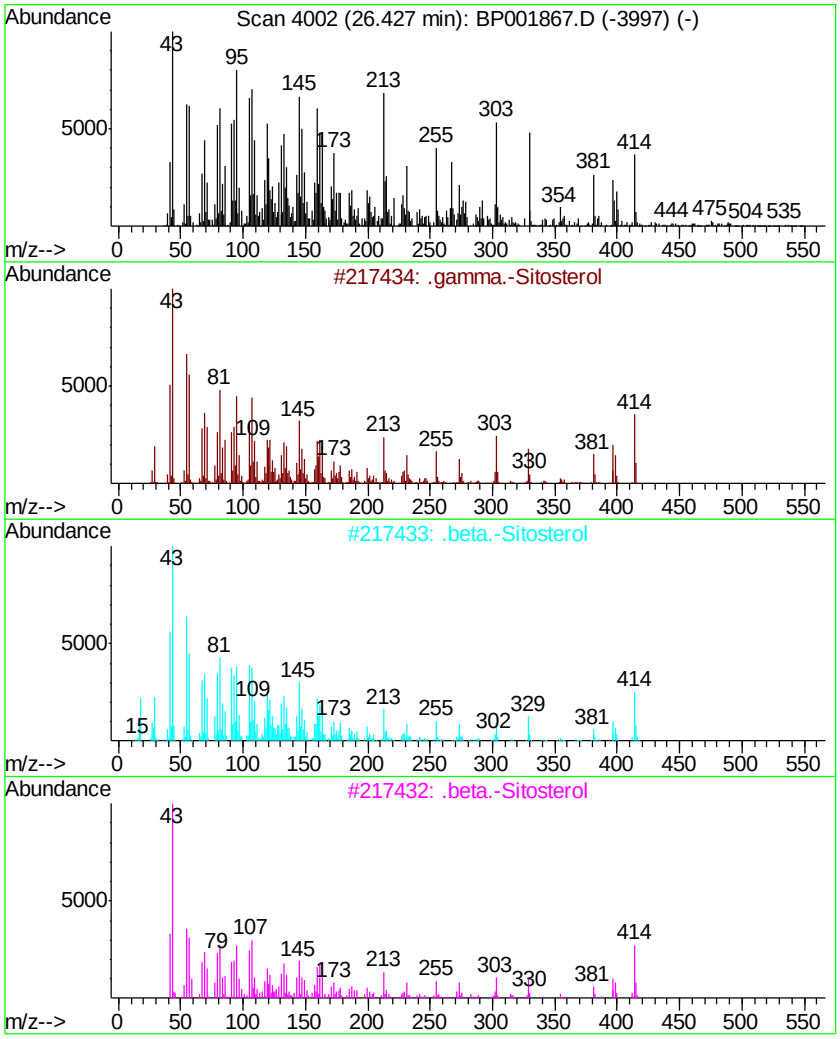
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

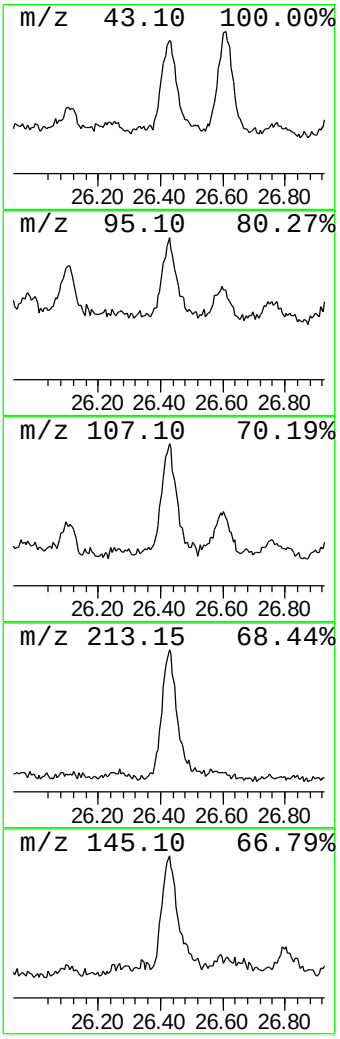
**********

Peak Number 23 .gamma.-Sitosterol Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.43 | 6.23 ng/ul | 1295330 | Perylene-d12 | 23.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .gamma.-Sitosterol | 414 | C29H50O | 000083-47-6 | 95 |
| 2 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 60 |
| 3 | .beta.-Sitosterol | 414 | C29H50O | 000083-46-5 | 41 |
| 4 | 17-(1,5-Dimethylhexyl)-10,13-dim... | 414 | C29H50O | 1000210-86-9 | 22 |
| 5 | Succinic acid, 2-norbornyl undec... | 366 | C22H38O4 | 1000330-19-9 | 16 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022420\
Data File : BP001867.D
Acq On : 24 Feb 2020 18:52
Operator : CG/JU
Sample : L1536-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB6X1

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 | 36.6 | ng/ul | 3322080 | 1 | 7.65 | 1815700 | 20.0 |
| Toluene | 3.90 | 3.8 | ng/ul | 343175 | 1 | 7.65 | 1815700 | 20.0 |
| (DEL) Alkane: Str... | 4.12 | 2.7 | ng/ul | 242617 | 1 | 7.65 | 1815700 | 20.0 |
| 3-Penten-2-one, (E)- | 4.52 | 2.2 | ng/ul | 199288 | 1 | 7.65 | 1815700 | 20.0 |
| Nonanal | 8.98 | 2.2 | ng/ul | 200906 | 1 | 7.65 | 1815700 | 20.0 |
| Cyclopentasiloxan... | 9.29 | 3.7 | ng/ul | 515434 | 2 | 10.43 | 2785120 | 20.0 |
| Phenanthrene, 2-m... | 17.92 | 2.4 | ng/ul | 581016 | 4 | 17.04 | 4913950 | 20.0 |
| Anthracene, 2-met... | 17.96 | 3.4 | ng/ul | 824887 | 4 | 17.04 | 4913950 | 20.0 |
| 4H-Cyclopenta[def... | 18.10 | 4.2 | ng/ul | 1041680 | 4 | 17.04 | 4913950 | 20.0 |
| 1,2,4,8-Tetrameth... | 18.40 | 2.9 | ng/ul | 702288 | 4 | 17.04 | 4913950 | 20.0 |
| Phenanthrene, 2,5... | 18.80 | 2.9 | ng/ul | 708878 | 4 | 17.04 | 4913950 | 20.0 |
| 11H-Benzo[b]fluorene | 19.90 | 2.1 | ng/ul | 978588 | 5 | 21.13 | 9337900 | 20.0 |
| (DEL) Alkane: Str... | 20.87 | 5.2 | ng/ul | 2439630 | 5 | 21.13 | 9337900 | 20.0 |
| Octacosyl acetate | 21.75 | 4.1 | ng/ul | 1913010 | 5 | 21.13 | 9337900 | 20.0 |
| 17-Octadecenal | 22.43 | 5.5 | ng/ul | 1143250 | 6 | 23.34 | 4159680 | 20.0 |
| Benzo[e]pyrene | 22.85 | 3.3 | ng/ul | 683675 | 6 | 23.34 | 4159680 | 20.0 |
| Perylene | 23.16 | 9.2 | ng/ul | 1917740 | 6 | 23.34 | 4159680 | 20.0 |
| Oxirane, hexadecyl- | 23.60 | 4.0 | ng/ul | 843273 | 6 | 23.34 | 4159680 | 20.0 |
| (DEL) Alkane: Str... | 23.94 | 11.8 | ng/ul | 2459440 | 6 | 23.34 | 4159680 | 20.0 |
| Heptacosyl acetate | 24.02 | 9.8 | ng/ul | 2033630 | 6 | 23.34 | 4159680 | 20.0 |
| 1-Heptacosanol | 25.71 | 4.9 | ng/ul | 1017960 | 6 | 23.34 | 4159680 | 20.0 |
| .gamma.-Sitosterol | 26.43 | 6.2 | ng/ul | 1295330 | 6 | 23.34 | 4159680 | 20.0 |