LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

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-BP051220MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP002269.D

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.917 | 3 | 5 | 20 | rVB | 733797 | 784264 | 13.50% | 1.127% |
| 2 | 3.158 | 42 | 46 | 58 | rVB | 86914 | 115989 | 2.00% | 0.167% |
| 3 | 5.105 | 372 | 377 | 385 | rBV | 144434 | 201715 | 3.47% | 0.290% |
| 4 | 6.640 | 631 | 638 | 645 | rBV2 | 28235 | 42314 | 0.73% | 0.061% |
| 5 | 6.793 | 658 | 664 | 673 | rBV | 403357 | 647168 | 11.14% | 0.930% |
| 6 | 6.958 | 685 | 692 | 702 | rBV | 1145686 | 1816884 | 31.29% | 2.610% |
| 7 | 7.152 | 718 | 725 | 734 | rVV | 1268205 | 1968015 | 33.89% | 2.827% |
| 8 | 7.228 | 734 | 738 | 743 | rVV2 | 24596 | 44032 | 0.76% | 0.063% |
| 9 | 7.287 | 743 | 748 | 753 | rVV2 | 57083 | 95646 | 1.65% | 0.137% |
| 10 | 7.617 | 796 | 804 | 813 | rBV | 981195 | 1573886 | 27.10% | 2.261% |
| 11 | 7.699 | 814 | 818 | 822 | rVV3 | 20422 | 38605 | 0.66% | 0.055% |
| 12 | 7.964 | 855 | 863 | 871 | rBV3 | 23845 | 46918 | 0.81% | 0.067% |
| 13 | 8.316 | 916 | 923 | 935 | rVV | 995348 | 1621276 | 27.92% | 2.329% |
| 14 | 8.622 | 969 | 975 | 983 | rVB | 36023 | 55942 | 0.96% | 0.080% |
| 15 | 8.752 | 990 | 997 | 1008 | rVB | 1291510 | 2071576 | 35.67% | 2.976% |
| 16 | 8.864 | 1008 | 1016 | 1021 | rBV | 43060 | 76668 | 1.32% | 0.110% |
| 17 | 9.016 | 1034 | 1042 | 1051 | rVB6 | 19282 | 47071 | 0.81% | 0.068% |
| 18 | 9.258 | 1078 | 1083 | 1088 | rVB | 23094 | 35867 | 0.62% | 0.052% |
| 19 | 9.475 | 1112 | 1120 | 1133 | rBV | 1017270 | 1724386 | 29.69% | 2.477% |
| 20 | 9.646 | 1144 | 1149 | 1155 | rVB2 | 83893 | 129638 | 2.23% | 0.186% |
| 21 | 9.846 | 1178 | 1183 | 1187 | rVB2 | 24079 | 37765 | 0.65% | 0.054% |
| 22 | 10.010 | 1204 | 1211 | 1221 | rBV | 1581488 | 2628552 | 45.26% | 3.776% |
| 23 | 10.134 | 1222 | 1232 | 1236 | rVB7 | 14815 | 41293 | 0.71% | 0.059% |
| 24 | 10.387 | 1268 | 1275 | 1287 | rVB | 1296864 | 2147137 | 36.97% | 3.084% |
| 25 | 10.516 | 1292 | 1297 | 1307 | rVB | 67480 | 129403 | 2.23% | 0.186% |
| 26 | 10.675 | 1316 | 1324 | 1332 | rVB2 | 20232 | 51065 | 0.88% | 0.073% |
| 27 | 10.805 | 1332 | 1346 | 1355 | rBV5 | 25816 | 77528 | 1.34% | 0.111% |
| 28 | 10.993 | 1373 | 1378 | 1390 | rVB6 | 24629 | 54407 | 0.94% | 0.078% |
| 29 | 11.399 | 1443 | 1447 | 1456 | rVB3 | 19706 | 45767 | 0.79% | 0.066% |
| 30 | 11.475 | 1456 | 1460 | 1472 | rVB4 | 21214 | 54457 | 0.94% | 0.078% |
| 31 | 11.575 | 1472 | 1477 | 1488 | rBV | 127247 | 250908 | 4.32% | 0.360% |
| 32 | 11.663 | 1488 | 1492 | 1497 | rVB7 | 25416 | 40796 | 0.70% | 0.059% |
| 33 | 11.728 | 1497 | 1503 | 1514 | rVB3 | 89281 | 164191 | 2.83% | 0.236% |
| 34 | 11.993 | 1541 | 1548 | 1552 | rVV4 | 59204 | 125390 | 2.16% | 0.180% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

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-BP051220MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.210 | 1580 | 1585 | 1588 | rBV5 | 24414 | 44522 | 0.77% | 0.064% |
| 36 | 12.240 | 1588 | 1590 | 1599 | rVB | 35156 | 57592 | 0.99% | 0.083% |
| 37 | 12.346 | 1601 | 1608 | 1611 | rBV8 | 17059 | 43422 | 0.75% | 0.062% |
| 38 | 12.381 | 1611 | 1614 | 1623 | rVB5 | 31766 | 63745 | 1.10% | 0.092% |
| 39 | 12.504 | 1630 | 1635 | 1640 | rBV | 73604 | 113022 | 1.95% | 0.162% |
| 40 | 12.734 | 1668 | 1674 | 1681 | rVV3 | 235607 | 406552 | 7.00% | 0.584% |
| 41 | 12.810 | 1682 | 1687 | 1690 | rVV2 | 45729 | 79461 | 1.37% | 0.114% |
| 42 | 12.840 | 1690 | 1692 | 1696 | rVB2 | 37228 | 44325 | 0.76% | 0.064% |
| 43 | 13.063 | 1725 | 1730 | 1735 | rBV2 | 27927 | 51762 | 0.89% | 0.074% |
| 44 | 13.404 | 1784 | 1788 | 1791 | rBV3 | 22333 | 36009 | 0.62% | 0.052% |
| 45 | 13.440 | 1791 | 1794 | 1802 | rVB | 38573 | 52639 | 0.91% | 0.076% |
| 46 | 13.622 | 1820 | 1825 | 1828 | rBV4 | 22921 | 39715 | 0.68% | 0.057% |
| 47 | 13.675 | 1828 | 1834 | 1838 | rVV | 2410153 | 3478025 | 59.89% | 4.996% |
| 48 | 13.716 | 1838 | 1841 | 1847 | rVB | 373937 | 497229 | 8.56% | 0.714% |
| 49 | 13.787 | 1847 | 1853 | 1856 | rBV6 | 27487 | 48273 | 0.83% | 0.069% |
| 50 | 13.940 | 1872 | 1879 | 1887 | rBV | 3119896 | 4889774 | 84.20% | 7.024% |
| 51 | 14.257 | 1926 | 1933 | 1939 | rVV2 | 1669532 | 2612319 | 44.98% | 3.753% |
| 52 | 14.310 | 1939 | 1942 | 1949 | rVB3 | 53620 | 77655 | 1.34% | 0.112% |
| 53 | 14.451 | 1960 | 1966 | 1973 | rBV | 222916 | 384485 | 6.62% | 0.552% |
| 54 | 14.510 | 1973 | 1976 | 1981 | rVB4 | 32485 | 47020 | 0.81% | 0.068% |
| 55 | 14.822 | 2024 | 2029 | 2037 | rVB3 | 47565 | 85471 | 1.47% | 0.123% |
| 56 | 14.928 | 2043 | 2047 | 2056 | rVB2 | 59479 | 96996 | 1.67% | 0.139% |
| 57 | 15.022 | 2059 | 2063 | 2070 | rVB5 | 21697 | 40720 | 0.70% | 0.058% |
| 58 | 15.104 | 2071 | 2077 | 2081 | rBV6 | 30508 | 63785 | 1.10% | 0.092% |
| 59 | 15.251 | 2096 | 2102 | 2111 | rBV | 3490514 | 5241400 | 90.26% | 7.529% |
| 60 | 15.369 | 2116 | 2122 | 2131 | rVV | 964380 | 1320998 | 22.75% | 1.898% |
| 61 | 15.487 | 2137 | 2142 | 2145 | rBV2 | 60214 | 122560 | 2.11% | 0.176% |
| 62 | 15.522 | 2145 | 2148 | 2156 | rVB2 | 132105 | 244775 | 4.21% | 0.352% |
| 63 | 15.769 | 2186 | 2190 | 2192 | rBV2 | 22709 | 35461 | 0.61% | 0.051% |
| 64 | 15.840 | 2197 | 2202 | 2205 | rBV2 | 33847 | 50788 | 0.87% | 0.073% |
| 65 | 15.934 | 2215 | 2218 | 2225 | rVB6 | 34278 | 63681 | 1.10% | 0.091% |
| 66 | 16.028 | 2230 | 2234 | 2240 | rVB3 | 27511 | 49429 | 0.85% | 0.071% |
| 67 | 16.316 | 2279 | 2283 | 2289 | rBV4 | 28161 | 48575 | 0.84% | 0.070% |
| 68 | 16.375 | 2289 | 2293 | 2297 | rBV3 | 45187 | 66929 | 1.15% | 0.096% |
| 69 | 16.434 | 2300 | 2303 | 2311 | rVB4 | 43977 | 82268 | 1.42% | 0.118% |
| 70 | 16.581 | 2324 | 2328 | 2332 | rVB2 | 48750 | 63668 | 1.10% | 0.091% |
| 71 | 16.816 | 2365 | 2368 | 2374 | rVB | 54239 | 75366 | 1.30% | 0.108% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

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-BP051220MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 16.892 | 2377 | 2381 | 2389 | rVB5 | 28043 | 43107 | 0.74% | 0.062% |
| 73 | 17.010 | 2394 | 2401 | 2410 | rVB | 1779310 | 2584148 | 44.50% | 3.712% |
| 74 | 17.104 | 2411 | 2417 | 2425 | rBV2 | 3627607 | 5187378 | 89.33% | 7.452% |
| 75 | 17.204 | 2432 | 2434 | 2441 | rVB7 | 21589 | 38674 | 0.67% | 0.056% |
| 76 | 17.934 | 2554 | 2558 | 2567 | rBV2 | 176709 | 311159 | 5.36% | 0.447% |
| 77 | 18.069 | 2577 | 2581 | 2588 | rVB | 85053 | 117938 | 2.03% | 0.169% |
| 78 | 18.716 | 2687 | 2691 | 2695 | rBV | 99027 | 125215 | 2.16% | 0.180% |
| 79 | 18.875 | 2715 | 2718 | 2725 | rVB | 62884 | 80818 | 1.39% | 0.116% |
| 80 | 18.963 | 2730 | 2733 | 2736 | rVV2 | 49472 | 69788 | 1.20% | 0.100% |
| 81 | 18.998 | 2736 | 2739 | 2743 | rVB | 49545 | 61974 | 1.07% | 0.089% |
| 82 | 19.086 | 2751 | 2754 | 2758 | rVB2 | 49420 | 59309 | 1.02% | 0.085% |
| 83 | 19.139 | 2760 | 2763 | 2766 | rVV | 30258 | 38029 | 0.65% | 0.055% |
| 84 | 19.175 | 2766 | 2769 | 2775 | rVV3 | 41152 | 62484 | 1.08% | 0.090% |
| 85 | 19.239 | 2777 | 2780 | 2788 | rVB | 39326 | 62033 | 1.07% | 0.089% |
| 86 | 19.351 | 2793 | 2799 | 2806 | rBV | 4280039 | 5802695 | 99.92% | 8.336% |
| 87 | 20.328 | 2961 | 2965 | 2970 | rBV | 337412 | 444869 | 7.66% | 0.639% |
| 88 | 20.369 | 2970 | 2972 | 2977 | rVB2 | 61323 | 76255 | 1.31% | 0.110% |
| 89 | 20.851 | 3050 | 3054 | 3060 | rBV | 424861 | 546614 | 9.41% | 0.785% |
| 90 | 21.104 | 3092 | 3097 | 3109 | rBV | 2005667 | 2617927 | 45.08% | 3.761% |
| 91 | 21.222 | 3113 | 3117 | 3125 | rBV | 452905 | 595492 | 10.25% | 0.855% |
| 92 | 21.292 | 3126 | 3129 | 3134 | rVB | 92086 | 110302 | 1.90% | 0.158% |
| 93 | 21.728 | 3199 | 3203 | 3209 | rBV | 162119 | 215937 | 3.72% | 0.310% |
| 94 | 22.186 | 3277 | 3281 | 3286 | rBV | 230810 | 302284 | 5.21% | 0.434% |
| 95 | 22.692 | 3363 | 3367 | 3373 | rBV | 271515 | 383945 | 6.61% | 0.552% |
| 96 | 23.163 | 3440 | 3447 | 3457 | rBV | 3285306 | 5807249 | 100.00% | 8.342% |
| 97 | 23.263 | 3459 | 3464 | 3465 | rVV | 295500 | 388201 | 6.68% | 0.558% |
| 98 | 23.298 | 3465 | 3470 | 3487 | rVB | 1549851 | 3022295 | 52.04% | 4.342% |
| 99 | 23.916 | 3569 | 3575 | 3581 | rBV2 | 230968 | 430196 | 7.41% | 0.618% |
| 100 | 24.669 | 3698 | 3703 | 3709 | rVB | 118449 | 219981 | 3.79% | 0.316% |

Sum of corrected areas: 69613231

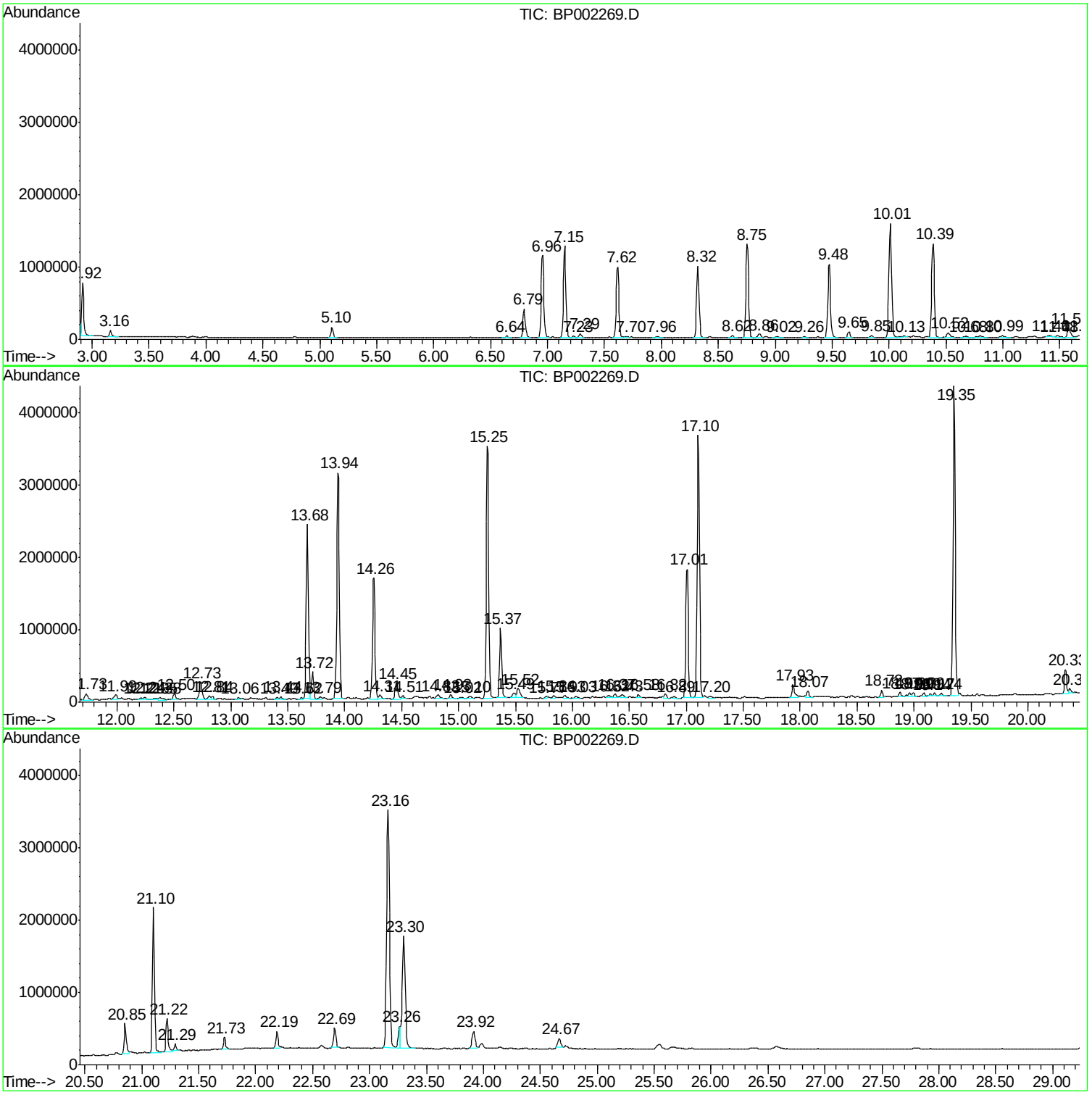
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.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\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

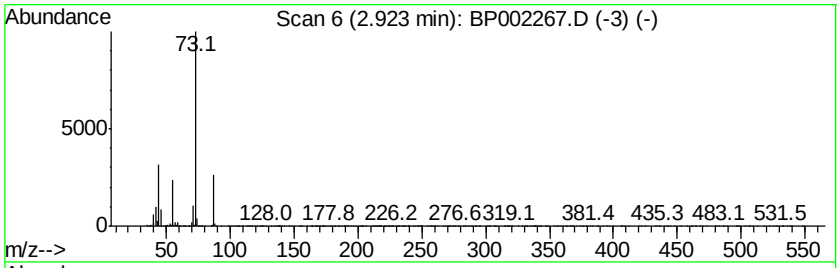
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

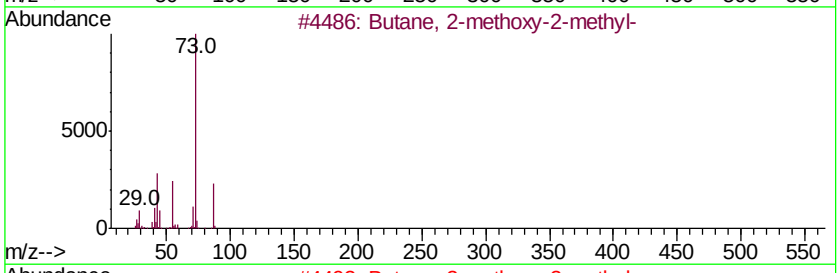
**********

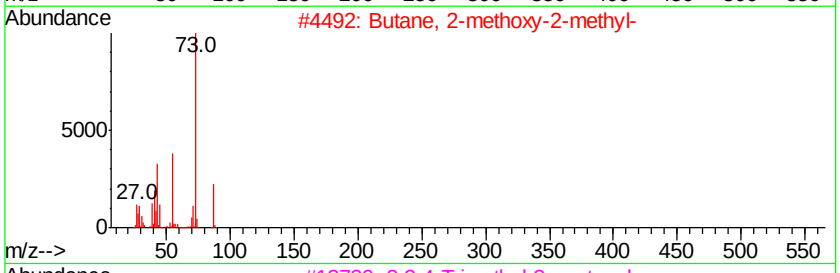
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

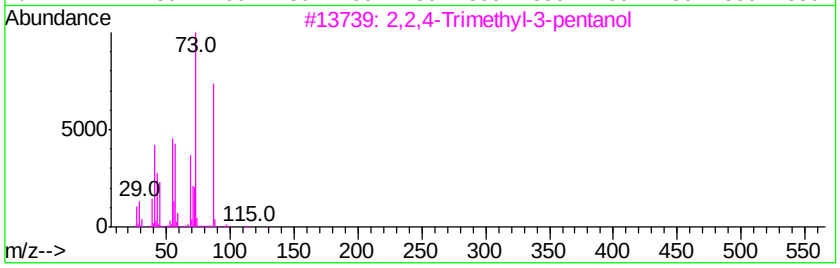
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.92 | 9.97 ng/ul | 784264 | 1,4-Dichlorobenzene-d4 | 7.62 |

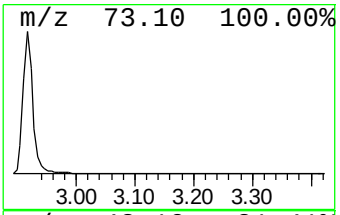
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 74 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 37 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |

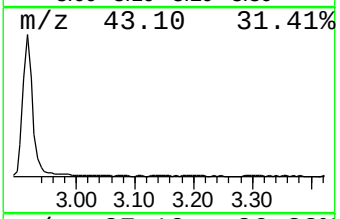


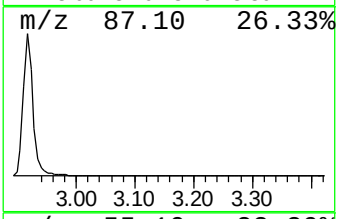



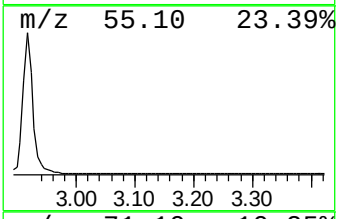



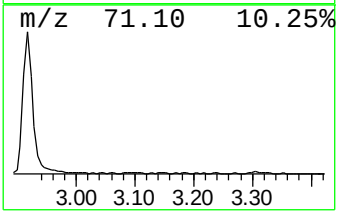



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

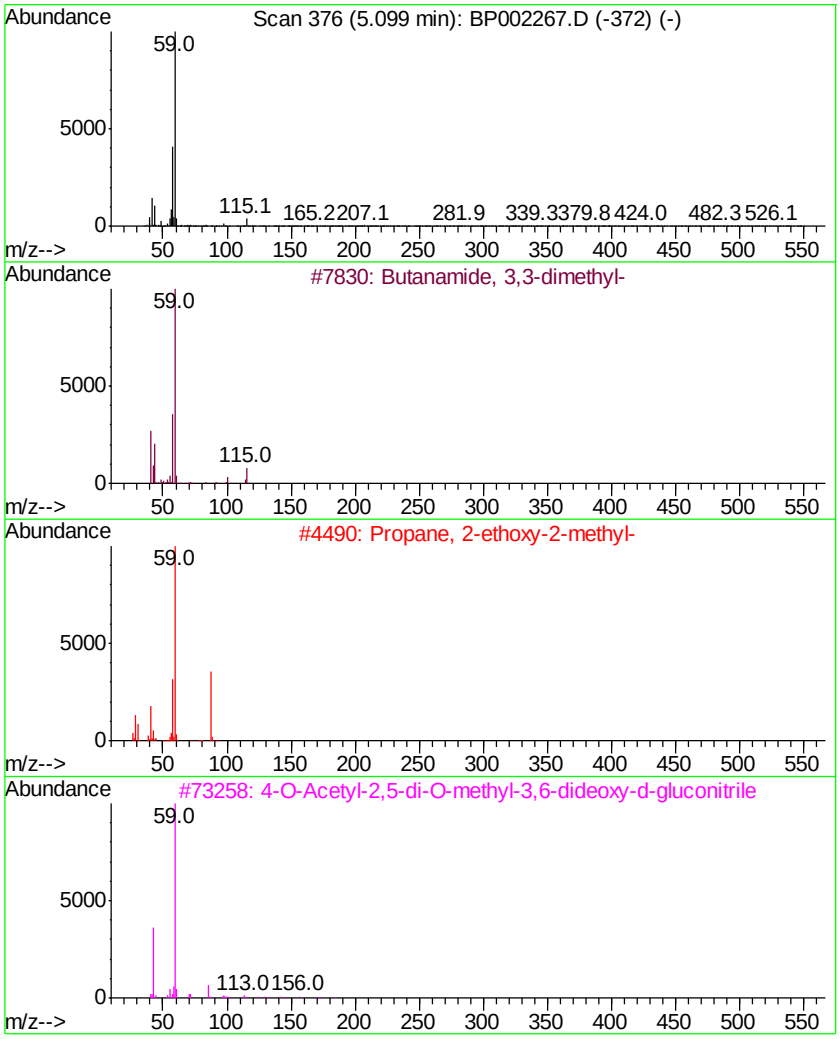
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

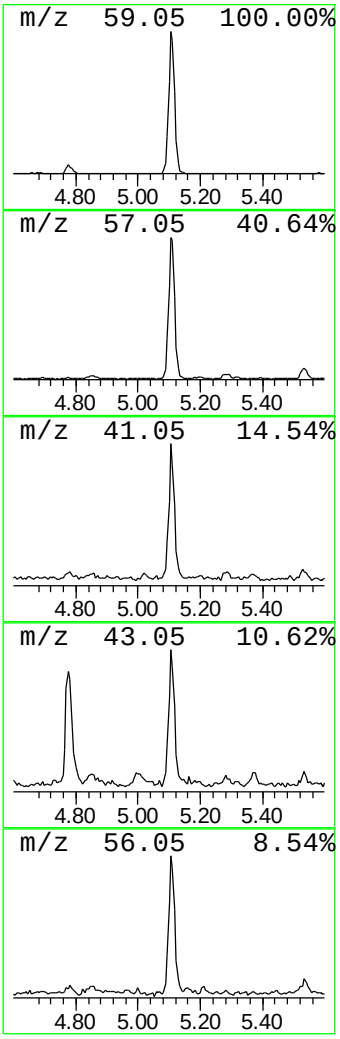
**********

Peak Number 2 Butanamide, 3,3-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.10 | 2.56 ng/ul | 201715 | 1,4-Dichlorobenzene-d4 | 7.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanamide, 3,3-dimethyl- | 115 | C6H13NO | 000926-04-5 | 72 |
| 2 | Propane, 2-ethoxy-2-methyl- | 102 | C6H14O | 000637-92-3 | 40 |
| 3 | 4-O-Acetyl-2,5-di-O-methyl-3,6-d... | 215 | C10H17NO4 | 1000101-80-3 | 39 |
| 4 | 2-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000625-06-9 | 9 |
| 5 | 2-Heptanol, 2-methyl- | 130 | C8H18O | 000625-25-2 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

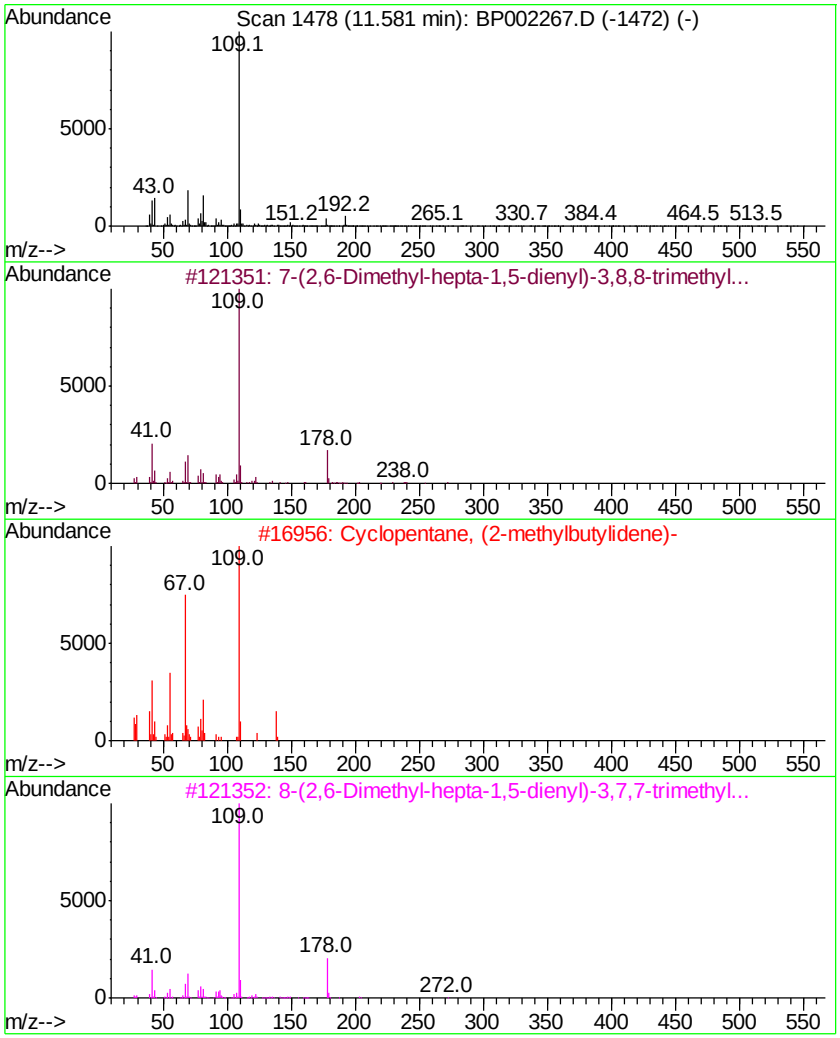
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

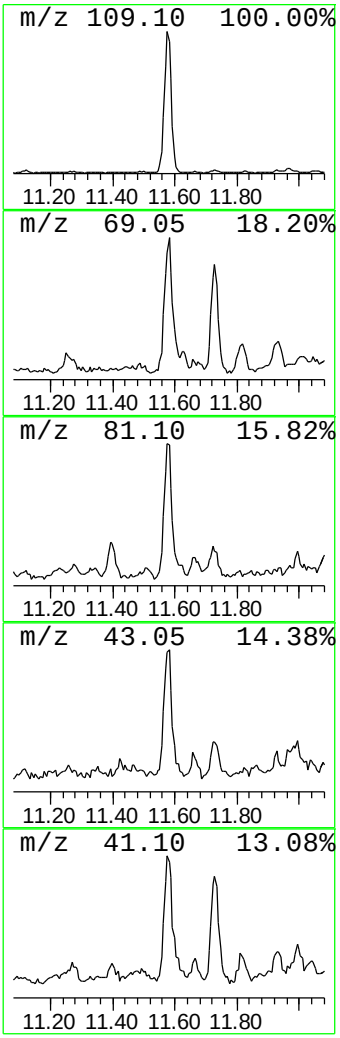
**********

Peak Number 3 7-(2,6-Dimethyl-hepta-1,5-d... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.58 | 2.34 ng/ul | 250908 | Naphthalene-d8 | 10.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-(2,6-Dimethyl-hepta-1,5-dienyl... | 272 | C20H32 | 1000190-62-8 | 64 |
| 2 | Cyclopentane, (2-methylbutylidene)- | 138 | C10H18 | 053366-54-4 | 59 |
| 3 | 8-(2,6-Dimethyl-hepta-1,5-dienyl... | 272 | C20H32 | 113725-56-7 | 50 |
| 4 | Phenol, 3-amino- | 109 | C6H7NO | 000591-27-5 | 45 |
| 5 | 2,3-Pyridinediamine | 109 | C5H7N3 | 000452-58-4 | 45 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

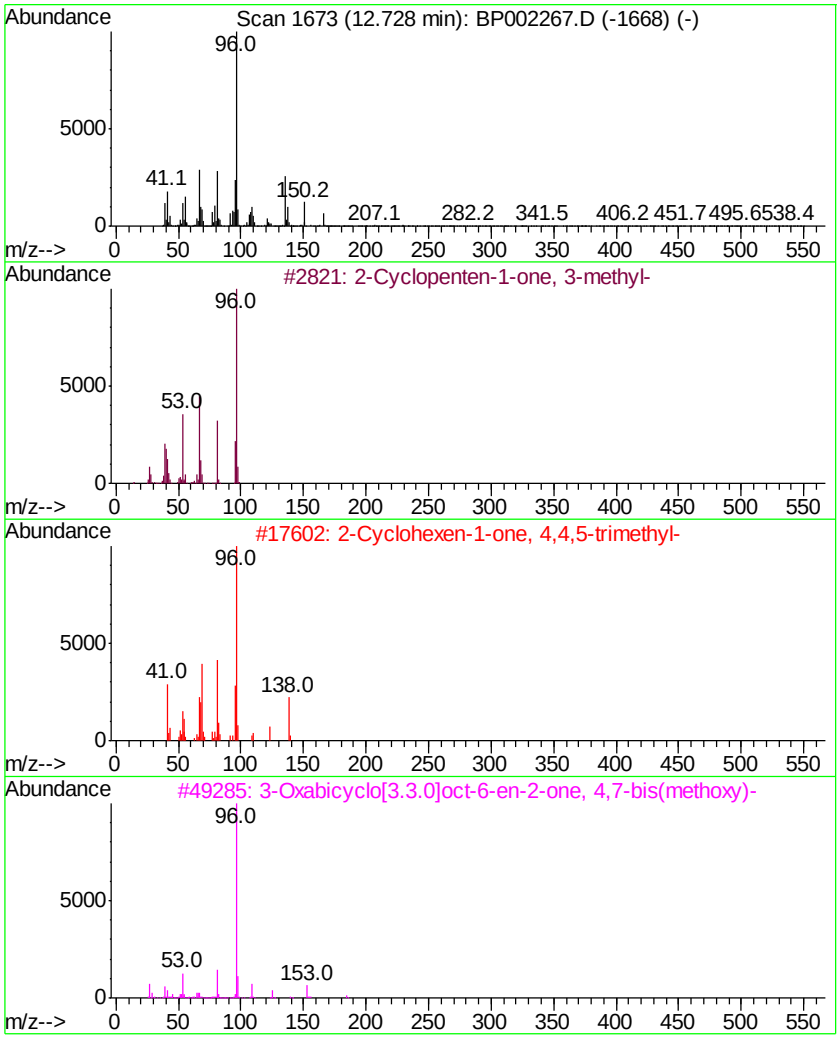
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

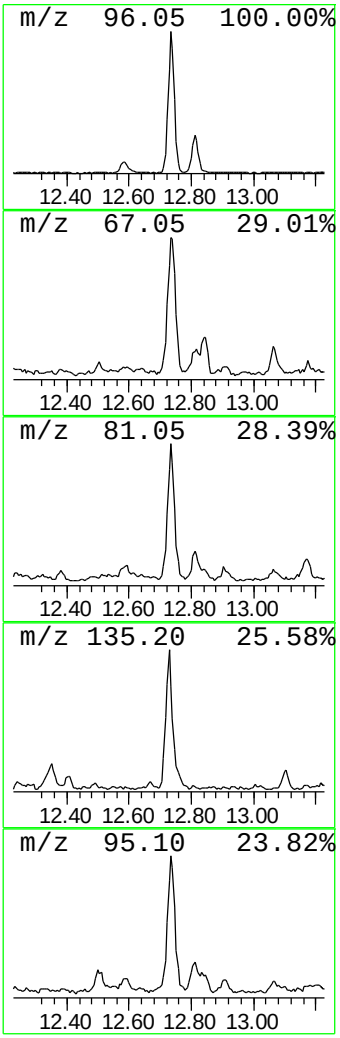
**********

Peak Number 4 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.73 | 3.11 ng/ul | 406552 | Acenaphthene-d10 | 14.26 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Cyclopenten-1-one, 3-methyl- | 96 | C6H8O | 002758-18-1 | 53 |
| 2 | 2-Cyclohexen-1-one, 4,4,5-trimet... | 138 | C9H14O | 017429-29-7 | 50 |
| 3 | 3-Oxabicyclo[3.3.0]oct-6-en-2-on... | 184 | C9H12O4 | 1000155-61-6 | 43 |
| 4 | 2-Cyclohexen-1-one, 4,4,6-trimet... | 138 | C9H14O | 013395-73-8 | 42 |
| 5 | 12-Heptadecyn-1-ol | 252 | C17H32O | 056554-76-8 | 38 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

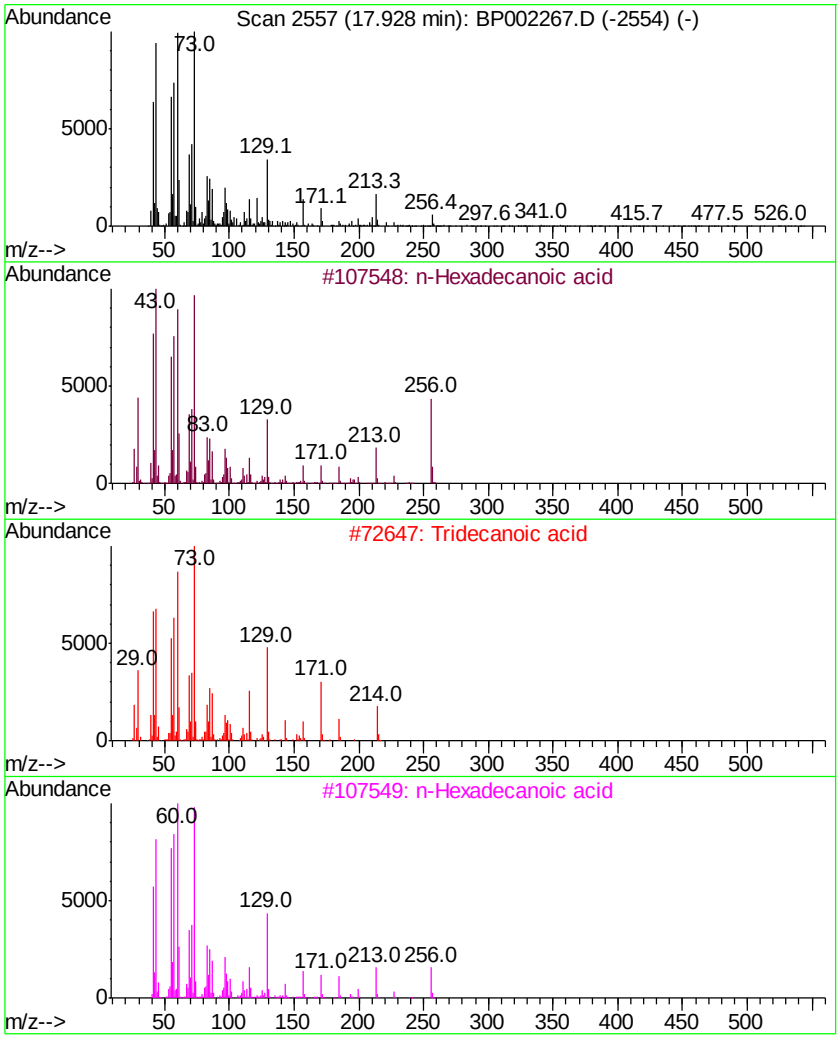
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

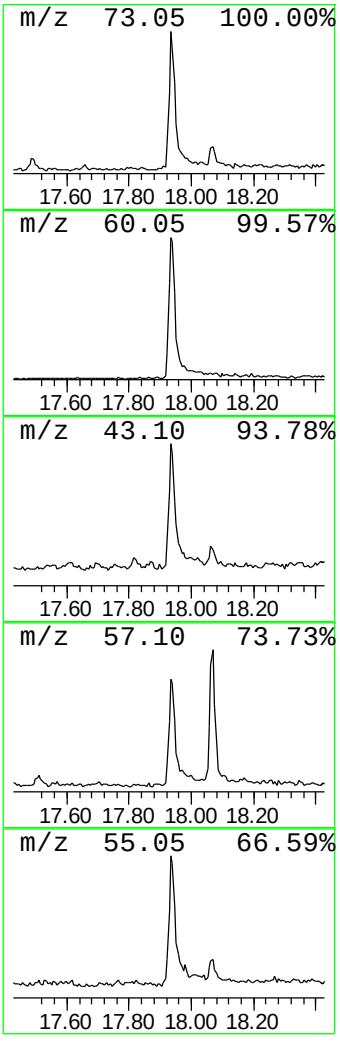
**********

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.93 | 2.41 ng/ul | 311159 | Phenanthrene-d10 | 17.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 94 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 90 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

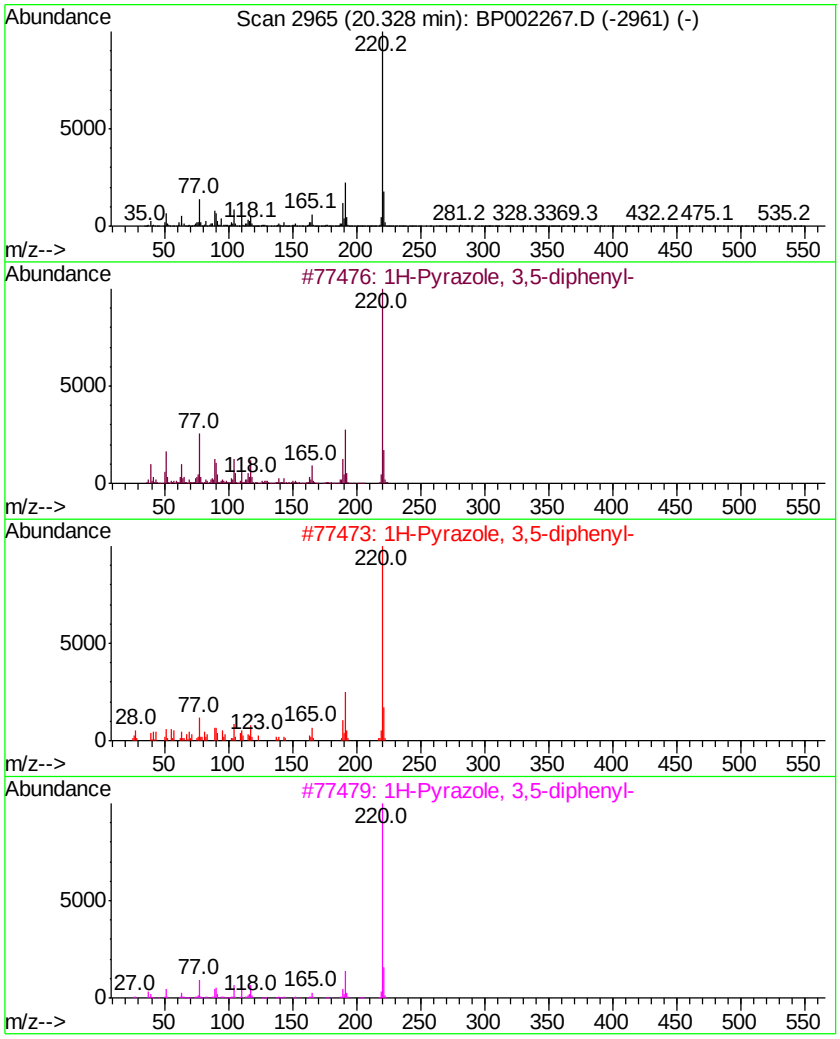
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

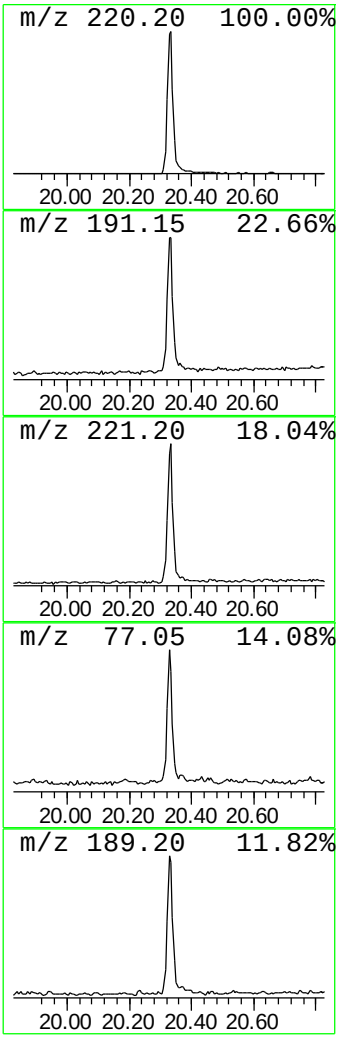
**********

Peak Number 6 1H-Pyrazole, 3,5-diphenyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.33 | 3.40 ng/ul | 444869 | Chrysene-d12 | 21.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Pyrazole, 3,5-diphenyl- | 220 | C15H12N2 | 001145-01-3 | 97 |
| 2 | 1H-Pyrazole, 3,5-diphenyl- | 220 | C15H12N2 | 001145-01-3 | 96 |
| 3 | 1H-Pyrazole, 3,5-diphenyl- | 220 | C15H12N2 | 001145-01-3 | 94 |
| 4 | 1H-Pyrazole, 3,5-diphenyl- | 220 | C15H12N2 | 001145-01-3 | 91 |
| 5 | 1H-Pyrazole, 3,5-diphenyl- | 220 | C15H12N2 | 001145-01-3 | 90 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

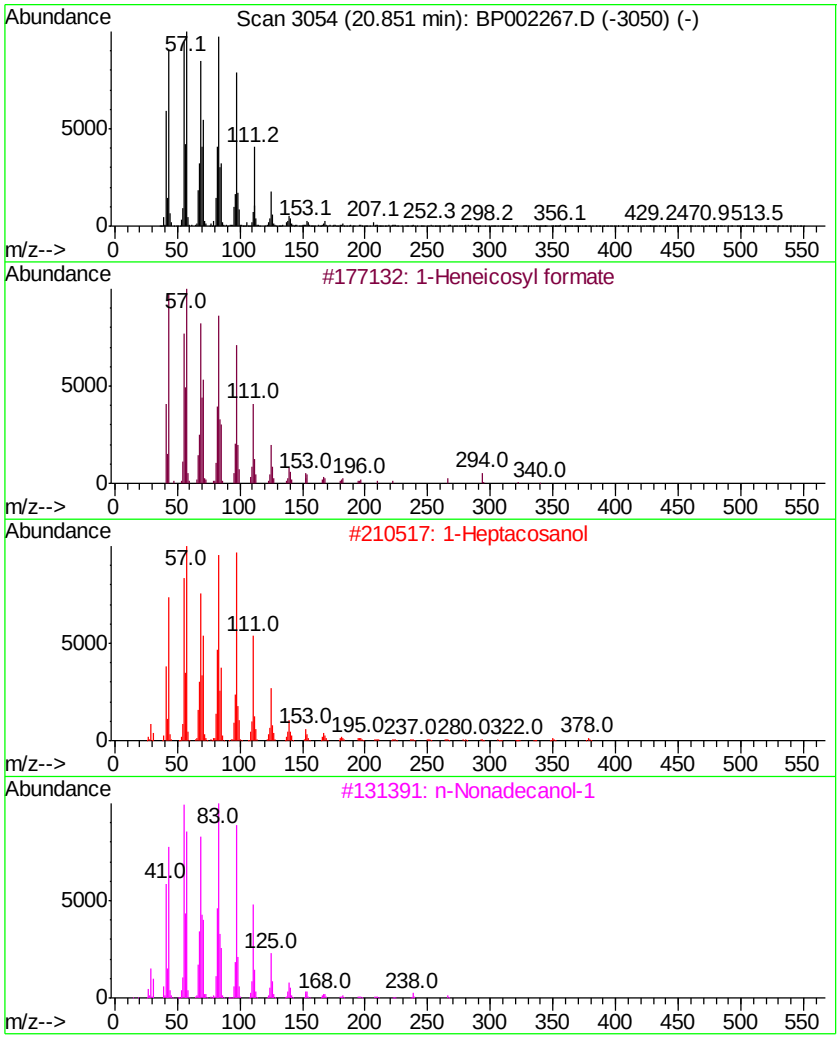
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

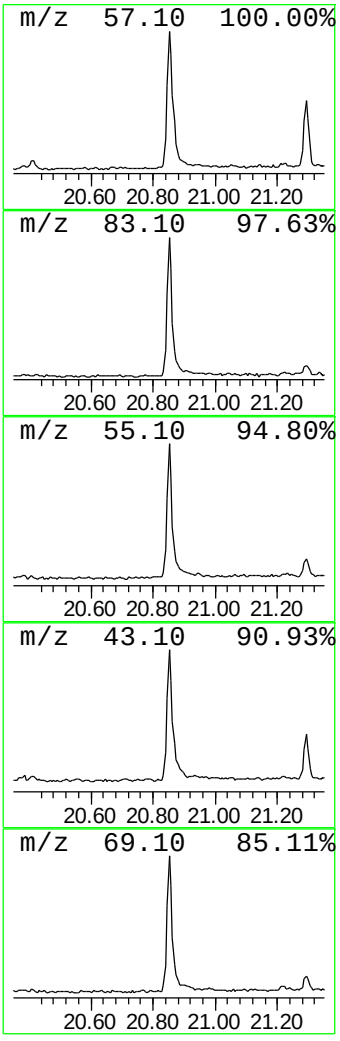
**********

Peak Number 7 1-Heneicosyl formate Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.85 | 4.18 ng/ul | 546614 | Chrysene-d12 | 21.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 96 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 94 |
| 3 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 4 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94 |
| 5 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

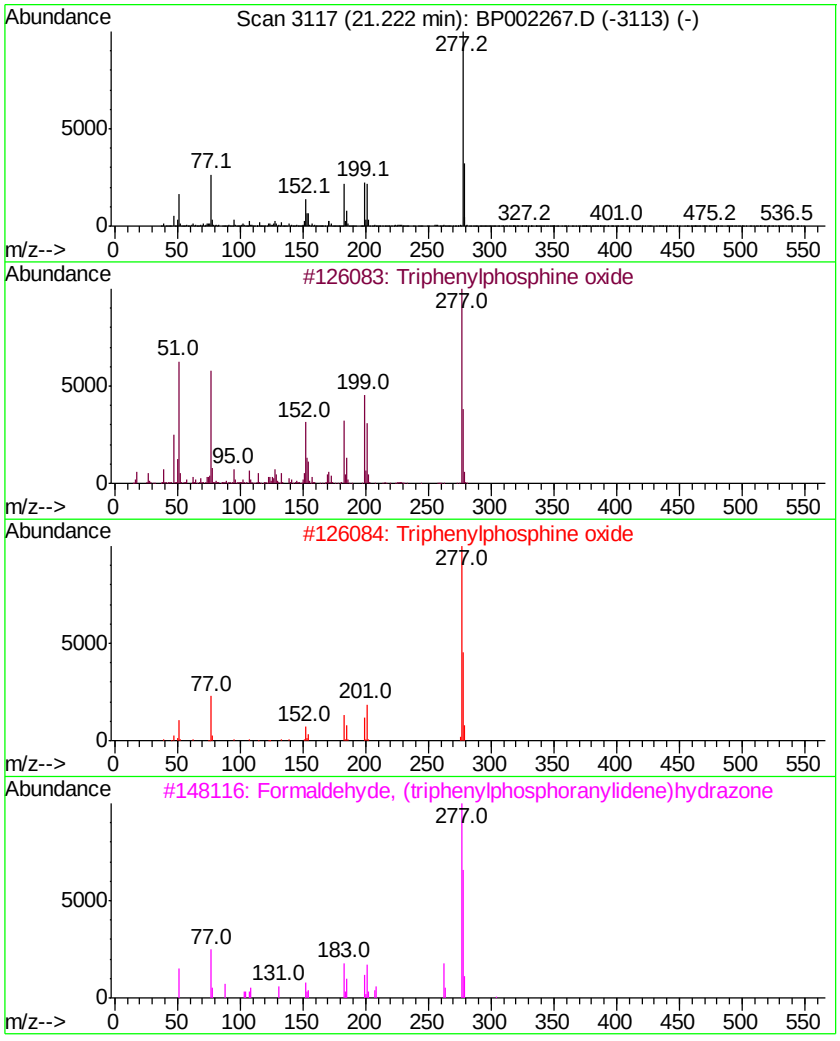
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

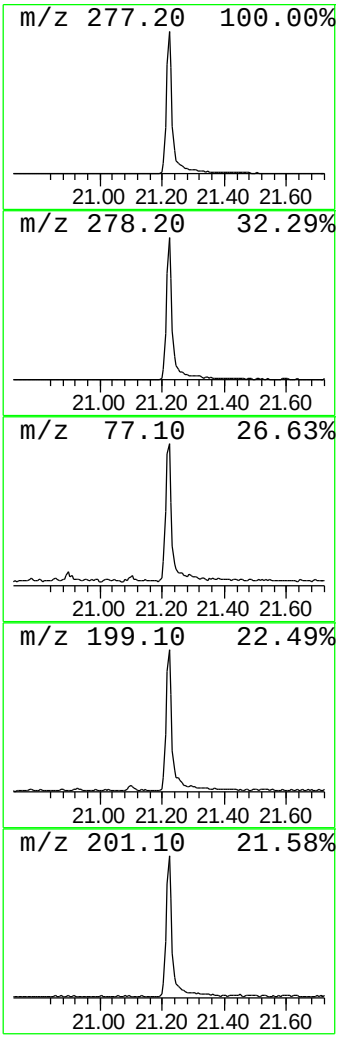
**********

Peak Number 8 Triphenylphosphine oxide Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.22 | 4.55 ng/ul | 595492 | Chrysene-d12 | 21.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 93 |
| 2 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 52 |
| 3 | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P | 015990-54-2 | 50 |
| 4 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 43 |
| 5 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

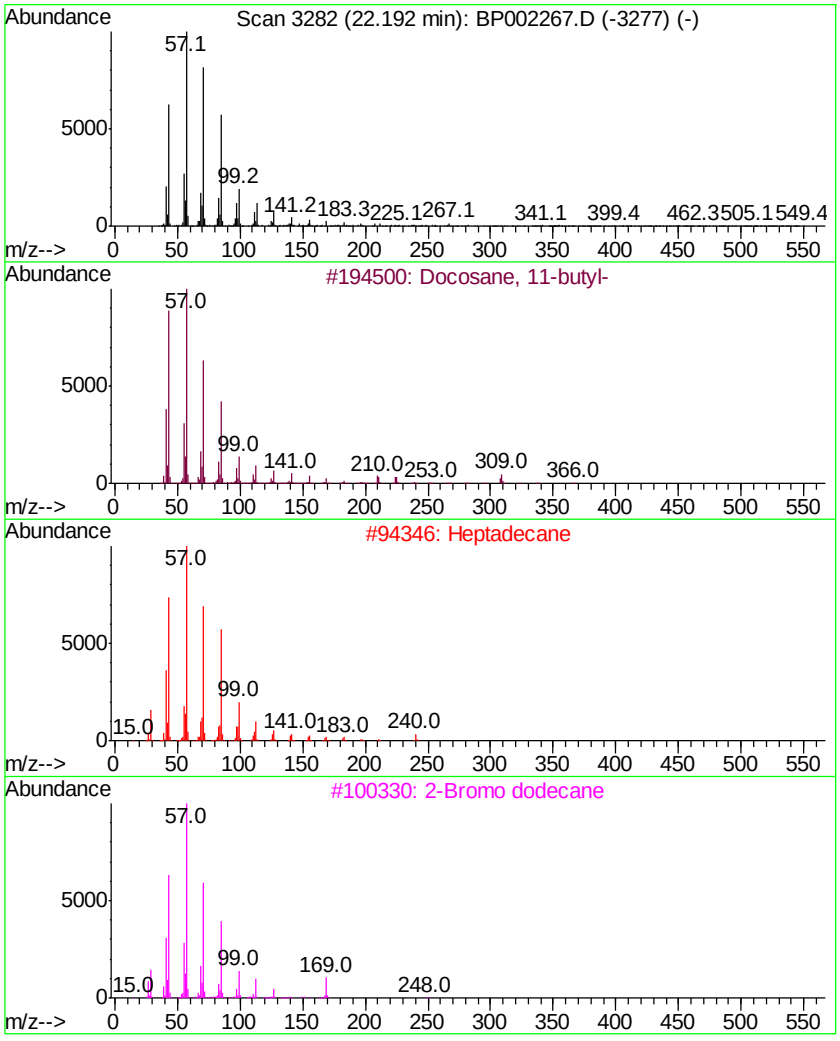
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

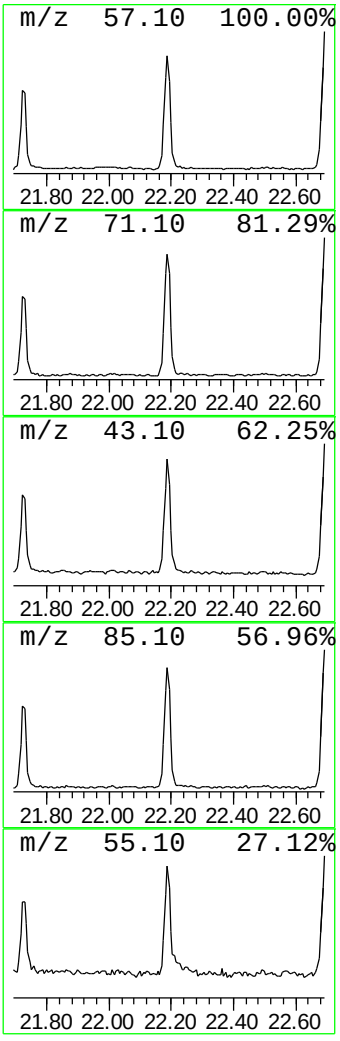
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.19 | 2.31 ng/ul | 302284 | Chrysene-d12 | 21.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 94 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 3 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 93 |
| 4 | Octadecane, 5,14-dibutyl- | 366 | C26H54 | 055282-13-8 | 92 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

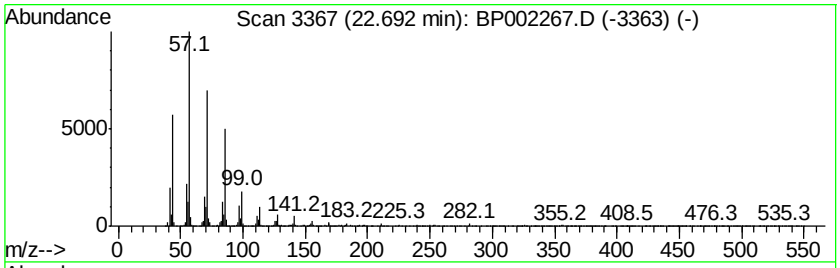
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

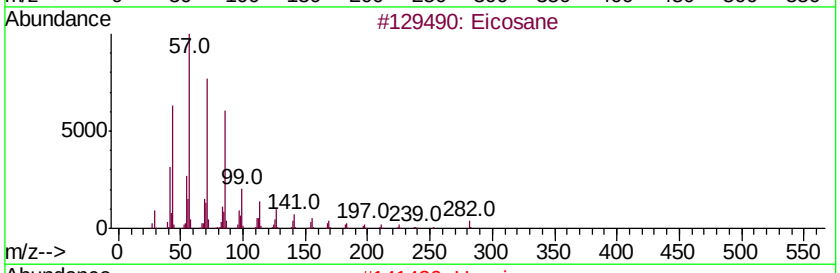
**********

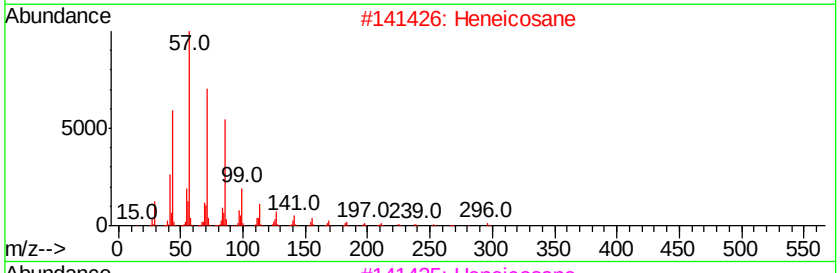
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

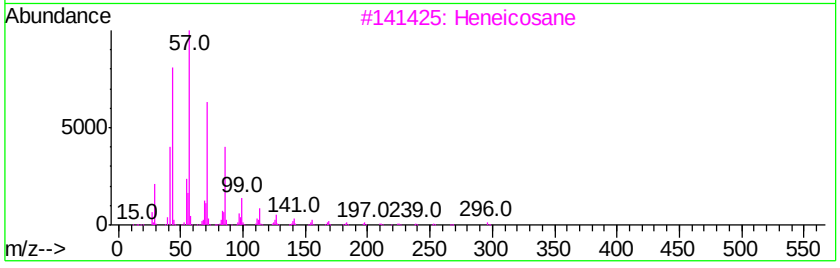
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.69 | 2.54 ng/ul | 383945 | Perylene-d12 | 23.30 |

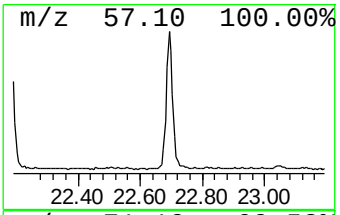
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 96 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 90 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |

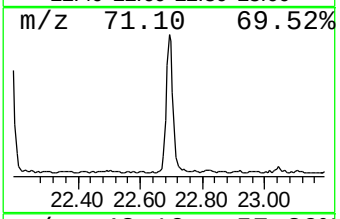


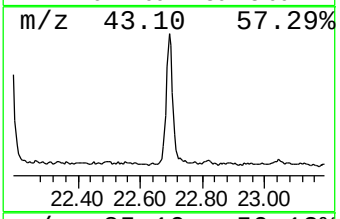



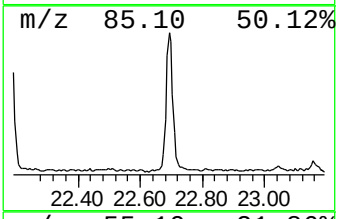



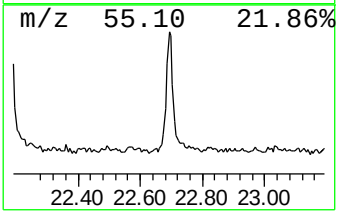



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

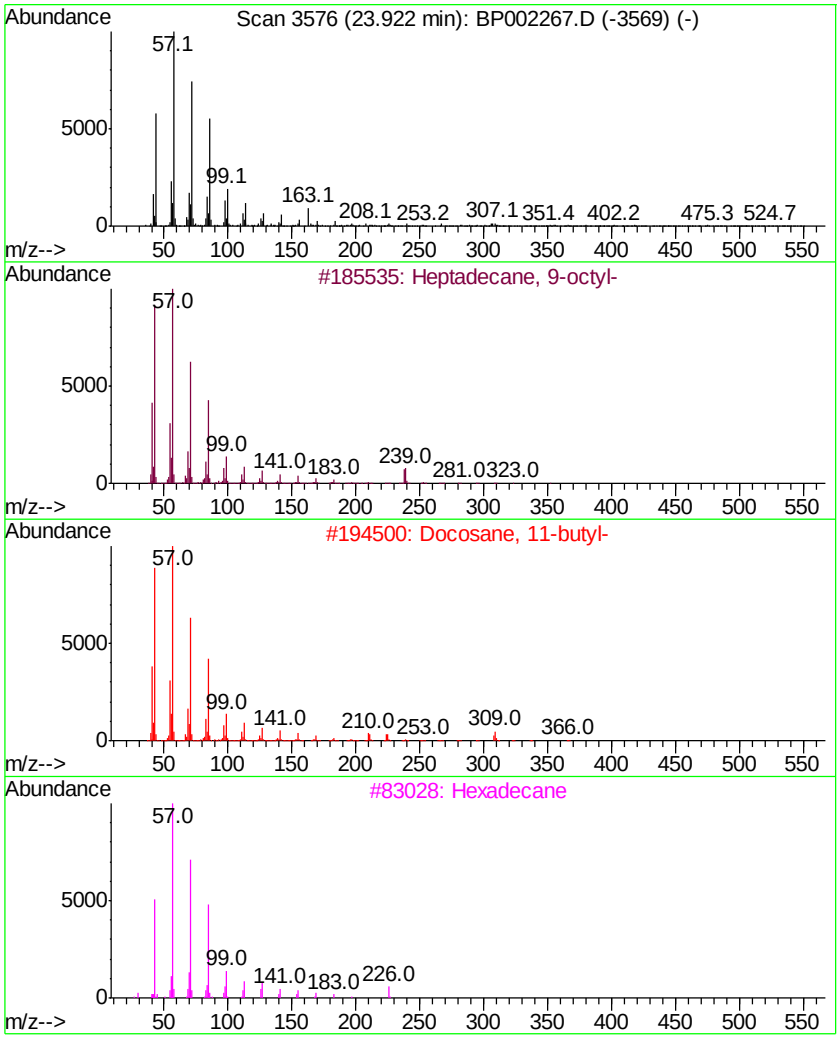
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

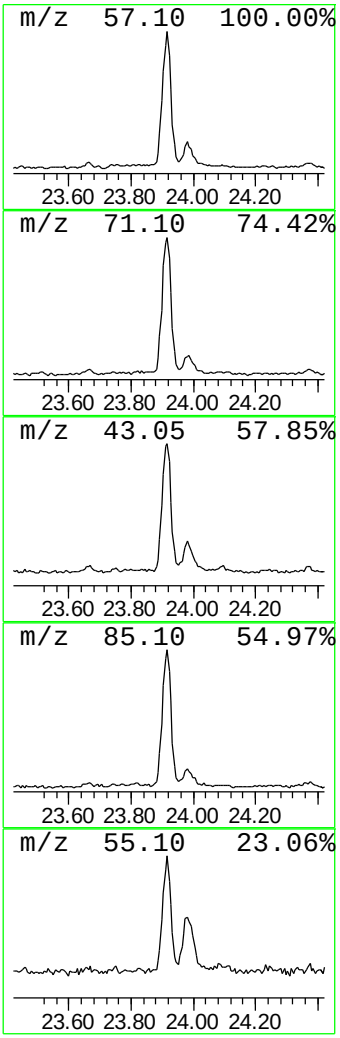
**********

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.92 | 2.85 ng/ul | 430196 | Perylene-d12 | 23.30 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 2 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 91 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Docosane, 5-butyl- | 366 | C26H54 | 055282-16-1 | 90 |
| 5 | Docosane, 9-butyl- | 366 | C26H54 | 055282-14-9 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002267.D
Acq On : 13 May 2020 01:24
Operator : CG/JU
Sample : L2570-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFSP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.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 | 10.0 | ng/ul | 784264 | 1 | 7.62 | 1573890 | 20.0 |
| Butanamide, 3,3-d... | 5.10 | 2.6 | ng/ul | 201715 | 1 | 7.62 | 1573890 | 20.0 |
| 7-(2,6-Dimethyl-h... | 11.58 | 2.3 | ng/ul | 250908 | 2 | 10.39 | 2147140 | 20.0 |
| 2-Cyclopenten-1-o... | 12.73 | 3.1 | ng/ul | 406552 | 3 | 14.26 | 2612320 | 20.0 |
| n-Hexadecanoic acid | 17.93 | 2.4 | ng/ul | 311159 | 4 | 17.00 | 2584150 | 20.0 |
| 1H-Pyrazole, 3,5-... | 20.33 | 3.4 | ng/ul | 444869 | 5 | 21.10 | 2617930 | 20.0 |
| 1-Heneicosyl formate | 20.85 | 4.2 | ng/ul | 546614 | 5 | 21.10 | 2617930 | 20.0 |
| Triphenylphosphin... | 21.22 | 4.5 | ng/ul | 595492 | 5 | 21.10 | 2617930 | 20.0 |
| (DEL) Alkane: Str... | 22.19 | 2.3 | ng/ul | 302284 | 5 | 21.10 | 2617930 | 20.0 |
| (DEL) Alkane: Str... | 22.69 | 2.5 | ng/ul | 383945 | 6 | 23.30 | 3022300 | 20.0 |
| (DEL) Alkane: Str... | 23.92 | 2.9 | ng/ul | 430196 | 6 | 23.30 | 3022300 | 20.0 |