LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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 | 4.275 | 195 | 202 | 205 | rVV2 | 5784748 | 9707386 | 7.92% | 0.349% |
| 2 | 4.310 | 205 | 208 | 214 | rVV | 2954624 | 4510792 | 3.68% | 0.162% |
| 3 | 4.404 | 220 | 224 | 232 | rVB2 | 3282712 | 5947080 | 4.85% | 0.214% |
| 4 | 4.557 | 245 | 250 | 257 | rVB | 6324677 | 10356181 | 8.45% | 0.373% |
| 5 | 4.640 | 257 | 264 | 269 | rBV3 | 4745396 | 9390292 | 7.67% | 0.338% |
| 6 | 4.693 | 269 | 273 | 276 | rVV | 4527401 | 6988327 | 5.70% | 0.251% |
| 7 | 4.734 | 276 | 280 | 288 | rVB | 9376173 | 14617803 | 11.93% | 0.526% |
| 8 | 4.840 | 288 | 298 | 303 | rBV | 17077891 | 29980149 | 24.47% | 1.078% |
| 9 | 4.934 | 309 | 314 | 320 | rVV | 22341544 | 38759264 | 31.64% | 1.394% |
| 10 | 4.993 | 320 | 324 | 328 | rVV3 | 7925204 | 13280688 | 10.84% | 0.478% |
| 11 | 5.040 | 328 | 332 | 337 | rVV | 12788257 | 19717790 | 16.10% | 0.709% |
| 12 | 5.099 | 337 | 342 | 347 | rVV2 | 22935264 | 37182759 | 30.35% | 1.338% |
| 13 | 5.157 | 347 | 352 | 356 | rVV | 5601174 | 9529793 | 7.78% | 0.343% |
| 14 | 5.210 | 356 | 361 | 364 | rVV | 2800371 | 5356911 | 4.37% | 0.193% |
| 15 | 5.252 | 364 | 368 | 372 | rVV | 16202815 | 26341627 | 21.50% | 0.948% |
| 16 | 5.293 | 372 | 375 | 378 | rVV | 10603752 | 16338123 | 13.34% | 0.588% |
| 17 | 5.334 | 378 | 382 | 390 | rVB | 14778999 | 24054025 | 19.63% | 0.865% |
| 18 | 5.446 | 396 | 401 | 405 | rBV | 6880766 | 10554316 | 8.62% | 0.380% |
| 19 | 5.593 | 418 | 426 | 434 | rVB3 | 5320784 | 13575269 | 11.08% | 0.488% |
| 20 | 5.693 | 434 | 443 | 449 | rBV2 | 7469111 | 15783969 | 12.88% | 0.568% |
| 21 | 5.769 | 449 | 456 | 461 | rBV4 | 10539912 | 22002246 | 17.96% | 0.791% |
| 22 | 5.846 | 464 | 469 | 474 | rVV | 19074705 | 30843222 | 25.18% | 1.109% |
| 23 | 5.910 | 476 | 480 | 487 | rVB | 12065441 | 21038325 | 17.17% | 0.757% |
| 24 | 5.987 | 487 | 493 | 502 | rBV | 8912229 | 14766628 | 12.05% | 0.531% |
| 25 | 6.069 | 502 | 507 | 515 | rVB2 | 4045924 | 7792528 | 6.36% | 0.280% |
| 26 | 6.163 | 515 | 523 | 531 | rBV4 | 27811119 | 71673096 | 58.51% | 2.578% |
| 27 | 6.287 | 537 | 544 | 550 | rVB2 | 13705857 | 32165603 | 26.26% | 1.157% |
| 28 | 6.381 | 553 | 560 | 567 | rBV4 | 29502565 | 69023765 | 56.34% | 2.483% |
| 29 | 6.457 | 567 | 573 | 577 | rVV | 39115044 | 66329263 | 54.14% | 2.386% |
| 30 | 6.534 | 577 | 586 | 589 | rVV4 | 37739253 | 97188391 | 79.33% | 3.496% |
| 31 | 6.563 | 589 | 591 | 599 | rVV | 30882926 | 47140140 | 38.48% | 1.696% |
| 32 | 6.651 | 601 | 606 | 610 | rVB2 | 11433513 | 18202313 | 14.86% | 0.655% |
| 33 | 6.710 | 610 | 616 | 621 | rVB3 | 14015699 | 24038331 | 19.62% | 0.865% |
| 34 | 6.775 | 621 | 627 | 635 | rVB2 | 18786131 | 48262177 | 39.40% | 1.736% |

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Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.869 | 635 | 643 | 651 | rBV3 | 21198717 | 48526083 | 39.61% | 1.746% |
| 36 | 6.987 | 658 | 663 | 666 | rBV2 | 13616394 | 21895757 | 17.87% | 0.788% |
| 37 | 7.034 | 666 | 671 | 678 | rVV2 | 36442382 | 77766619 | 63.48% | 2.797% |
| 38 | 7.169 | 690 | 694 | 697 | rBV | 6302557 | 9255398 | 7.56% | 0.333% |
| 39 | 7.216 | 697 | 702 | 707 | rVB4 | 15010505 | 28965701 | 23.64% | 1.042% |
| 40 | 7.275 | 707 | 712 | 715 | rBV4 | 16214003 | 24651413 | 20.12% | 0.887% |
| 41 | 7.316 | 715 | 719 | 722 | rVV2 | 15286675 | 22078717 | 18.02% | 0.794% |
| 42 | 7.381 | 722 | 730 | 738 | rVV4 | 27504052 | 68553516 | 55.96% | 2.466% |
| 43 | 7.451 | 739 | 742 | 753 | rVB5 | 26972053 | 64002046 | 52.24% | 2.302% |
| 44 | 7.545 | 753 | 758 | 760 | rBV2 | 10647206 | 16999208 | 13.88% | 0.611% |
| 45 | 7.610 | 765 | 769 | 774 | rVB3 | 15768338 | 26966436 | 22.01% | 0.970% |
| 46 | 7.657 | 774 | 777 | 780 | rBV | 6328195 | 6759708 | 5.52% | 0.243% |
| 47 | 7.704 | 780 | 785 | 792 | rBV5 | 13015562 | 36601254 | 29.88% | 1.317% |
| 48 | 7.787 | 795 | 799 | 802 | rBV3 | 17040434 | 29033209 | 23.70% | 1.044% |
| 49 | 7.881 | 808 | 815 | 820 | rVB | 49330235 | 102013750 | 83.27% | 3.670% |
| 50 | 7.963 | 820 | 829 | 834 | rBV3 | 21584969 | 47534967 | 38.80% | 1.710% |
| 51 | 8.028 | 834 | 840 | 844 | rVV5 | 9581894 | 25696310 | 20.98% | 0.924% |
| 52 | 8.087 | 844 | 850 | 854 | rVV2 | 33958448 | 65173556 | 53.20% | 2.344% |
| 53 | 8.128 | 854 | 857 | 858 | rVV2 | 14075853 | 18229724 | 14.88% | 0.656% |
| 54 | 8.157 | 858 | 862 | 863 | rVV | 27553579 | 39229596 | 32.02% | 1.411% |
| 55 | 8.187 | 863 | 867 | 873 | rVV3 | 40397725 | 81066031 | 66.17% | 2.916% |
| 56 | 8.245 | 873 | 877 | 884 | rVV2 | 16351245 | 37121710 | 30.30% | 1.335% |
| 57 | 8.328 | 884 | 891 | 896 | rVV5 | 12299766 | 29592950 | 24.16% | 1.064% |
| 58 | 8.381 | 896 | 900 | 905 | rVV3 | 16045422 | 36408167 | 29.72% | 1.310% |
| 59 | 8.451 | 908 | 912 | 921 | rVB4 | 18748815 | 36897808 | 30.12% | 1.327% |
| 60 | 8.528 | 921 | 925 | 929 | rBV2 | 9657755 | 16026395 | 13.08% | 0.576% |
| 61 | 8.575 | 929 | 933 | 940 | rVB3 | 11795216 | 22182366 | 18.11% | 0.798% |
| 62 | 8.728 | 954 | 959 | 963 | rBV | 25412012 | 43148879 | 35.22% | 1.552% |
| 63 | 8.875 | 979 | 984 | 994 | rBV8 | 4785366 | 15967599 | 13.03% | 0.574% |
| 64 | 8.998 | 994 | 1005 | 1013 | rBV4 | 52203540 | 122505962 | 100.00% | 4.407% |
| 65 | 9.087 | 1013 | 1020 | 1027 | rVB4 | 22223391 | 48218025 | 39.36% | 1.734% |
| 66 | 9.151 | 1028 | 1031 | 1035 | rVB | 9857747 | 14109011 | 11.52% | 0.508% |
| 67 | 9.204 | 1035 | 1040 | 1041 | rBV | 17444417 | 23453240 | 19.14% | 0.844% |
| 68 | 9.345 | 1054 | 1064 | 1072 | rVB3 | 10549429 | 35280551 | 28.80% | 1.269% |
| 69 | 9.469 | 1073 | 1085 | 1088 | rBV8 | 9448603 | 25924898 | 21.16% | 0.933% |
| 70 | 9.522 | 1088 | 1094 | 1102 | rVV3 | 26290522 | 58480253 | 47.74% | 2.104% |
| 71 | 9.610 | 1105 | 1109 | 1113 | rVB2 | 12633549 | 19184943 | 15.66% | 0.690% |

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 9.769 | 1130 | 1136 | 1139 | rBV2 | 13101572 | 22162430 | 18.09% | 0.797% |
| 73 | 9.810 | 1139 | 1143 | 1147 | rVB | 15622198 | 21658051 | 17.68% | 0.779% |
| 74 | 9.869 | 1147 | 1153 | 1160 | rBV4 | 21749010 | 42980327 | 35.08% | 1.546% |
| 75 | 9.928 | 1160 | 1163 | 1166 | rVV3 | 4141755 | 6167543 | 5.03% | 0.222% |
| 76 | 9.957 | 1166 | 1168 | 1173 | rVB2 | 6085936 | 7665673 | 6.26% | 0.276% |
| 77 | 10.086 | 1184 | 1190 | 1194 | rBV3 | 21340339 | 38618444 | 31.52% | 1.389% |
| 78 | 10.263 | 1214 | 1220 | 1231 | rBV7 | 6448709 | 16374295 | 13.37% | 0.589% |
| 79 | 10.375 | 1234 | 1239 | 1244 | rBV | 9205963 | 16184563 | 13.21% | 0.582% |
| 80 | 10.539 | 1263 | 1267 | 1270 | rBV3 | 3979254 | 6857016 | 5.60% | 0.247% |
| 81 | 10.657 | 1279 | 1287 | 1293 | rBV4 | 7445593 | 21836327 | 17.82% | 0.785% |
| 82 | 10.716 | 1293 | 1297 | 1305 | rVV5 | 6565553 | 13685489 | 11.17% | 0.492% |
| 83 | 10.792 | 1305 | 1310 | 1314 | rVV3 | 5147720 | 9072220 | 7.41% | 0.326% |
| 84 | 10.834 | 1314 | 1317 | 1322 | rVB | 6763400 | 9599961 | 7.84% | 0.345% |
| 85 | 10.892 | 1322 | 1327 | 1335 | rVB3 | 5763761 | 9840139 | 8.03% | 0.354% |
| 86 | 11.045 | 1348 | 1353 | 1358 | rBV3 | 2365422 | 5222432 | 4.26% | 0.188% |
| 87 | 11.375 | 1405 | 1409 | 1416 | rVB4 | 5152750 | 9648147 | 7.88% | 0.347% |
| 88 | 11.581 | 1438 | 1444 | 1452 | rVB8 | 2467293 | 6876550 | 5.61% | 0.247% |
| 89 | 11.698 | 1459 | 1464 | 1468 | rBV | 8590272 | 13080466 | 10.68% | 0.471% |
| 90 | 13.045 | 1688 | 1693 | 1698 | rVB | 3368279 | 4537429 | 3.70% | 0.163% |
| 91 | 14.504 | 1932 | 1941 | 1947 | rBV3 | 4306352 | 8343442 | 6.81% | 0.300% |
| 92 | 17.245 | 2401 | 2407 | 2411 | rBV2 | 4447718 | 6488003 | 5.30% | 0.233% |
| 93 | 18.533 | 2620 | 2626 | 2631 | rBV2 | 11992299 | 16710848 | 13.64% | 0.601% |
| 94 | 18.721 | 2653 | 2658 | 2668 | rVB | 18267215 | 23671279 | 19.32% | 0.851% |
| 95 | 18.868 | 2677 | 2683 | 2688 | rVB | 41882921 | 54410331 | 44.41% | 1.957% |
| 96 | 18.992 | 2698 | 2704 | 2709 | rBV | 5421509 | 7235098 | 5.91% | 0.260% |
| 97 | 19.356 | 2761 | 2766 | 2771 | rVB | 18867540 | 22305003 | 18.21% | 0.802% |
| 98 | 19.633 | 2808 | 2813 | 2816 | rBV | 2600036 | 4427619 | 3.61% | 0.159% |
| 99 | 21.415 | 3110 | 3116 | 3120 | rBV2 | 6287485 | 9357466 | 7.64% | 0.337% |
| 100 | 23.727 | 3504 | 3509 | 3515 | rVB | 3848019 | 7052428 | 5.76% | 0.254% |

Sum of corrected areas: 2780009347

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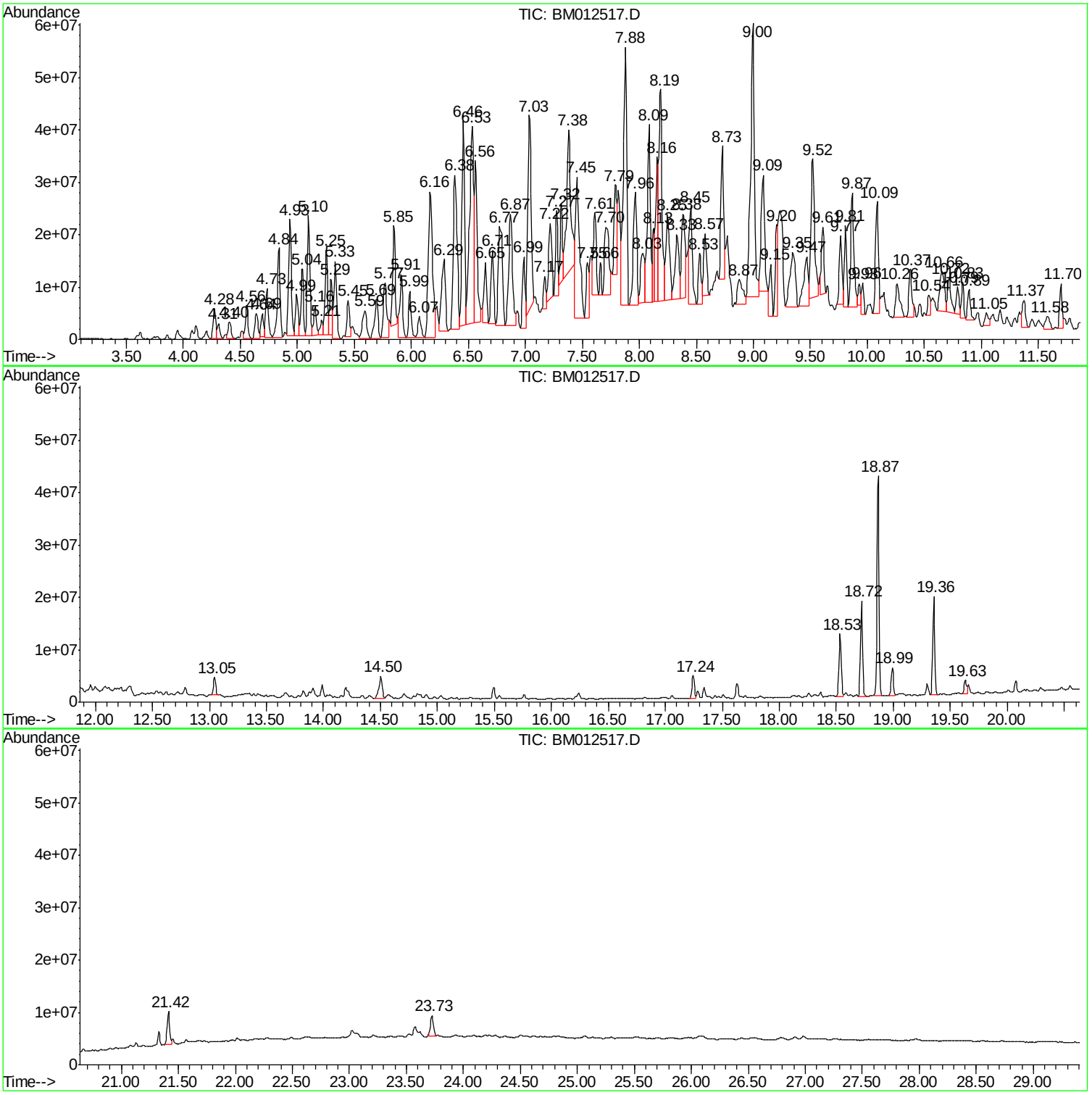
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

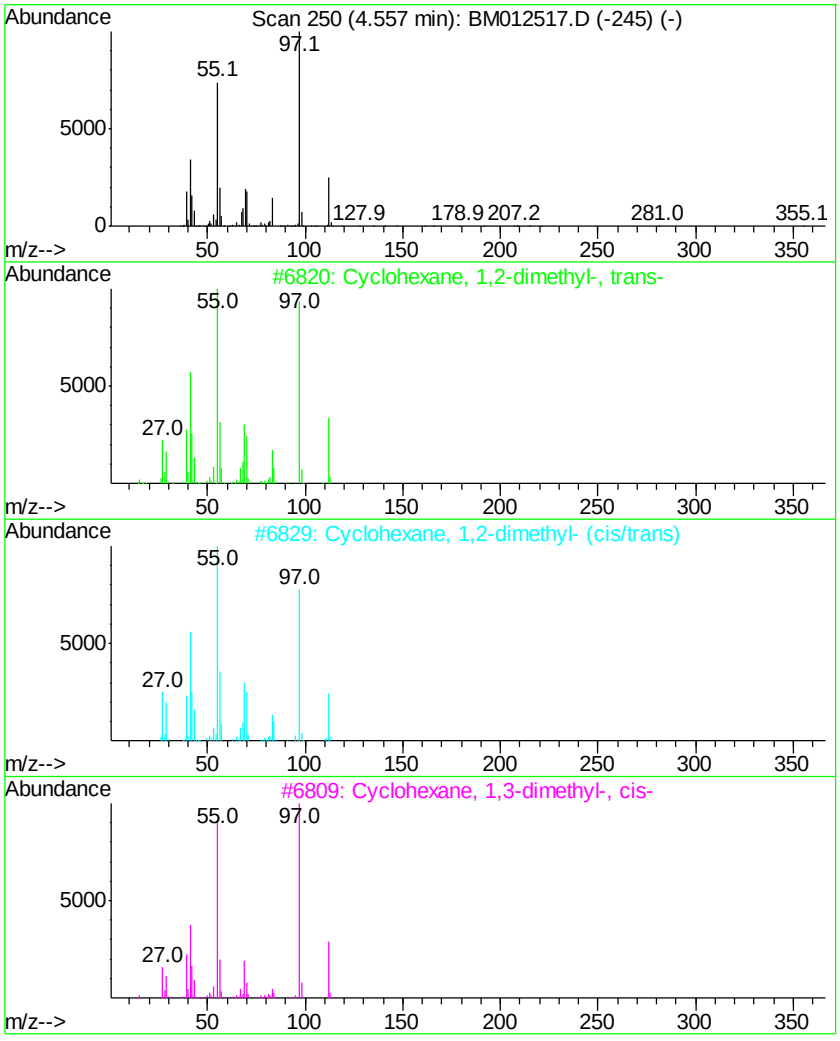
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

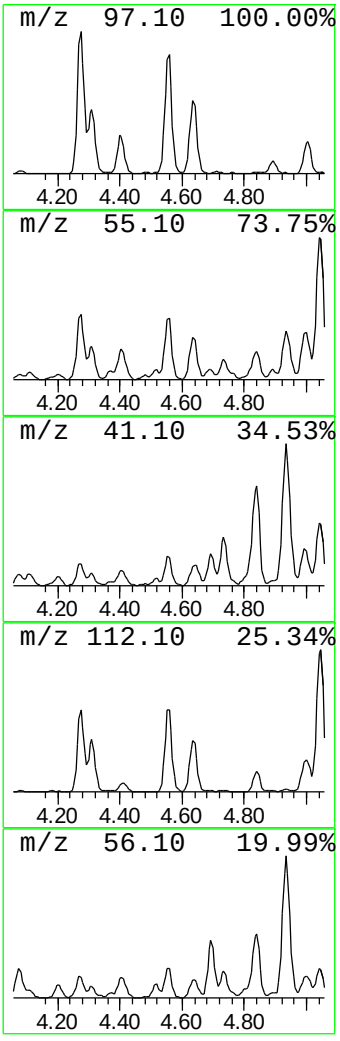
**********

Peak Number 1 (DEL) Alkane: Cyclic4.56 Concentration Rank 71

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.56 | 2.03 ng/ul | 10356200 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 93 |
| 2 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 91 |
| 3 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 90 |
| 4 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 90 |
| 5 | Cyclohexane, 1,4-dimethyl- | 112 | C8H16 | 000589-90-2 | 90 |



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Data File : BM012517.D
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Operator : SJ/JU
Sample : I5786-04 5X
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ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

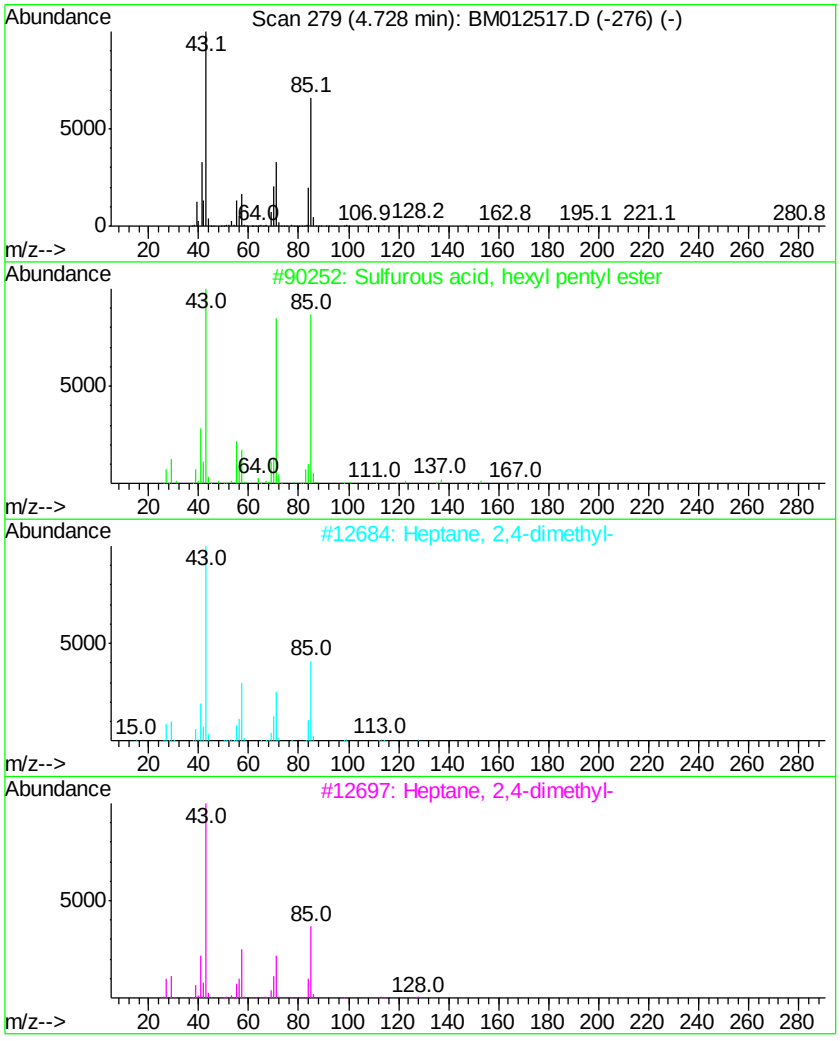
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

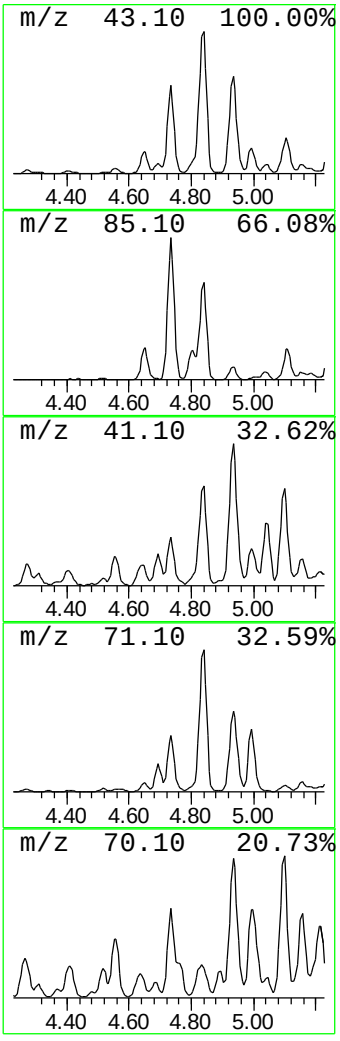
**********

Peak Number 2 Sulfurous acid, hexyl penty... Concentration Rank 66

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.73 | 2.87 ng/ul | 14617800 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 64 |
| 2 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 64 |
| 3 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 64 |
| 4 | Hexane, 1,1'-oxybis- | 186 | C12H26O | 000112-58-3 | 59 |
| 5 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 53 |



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**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

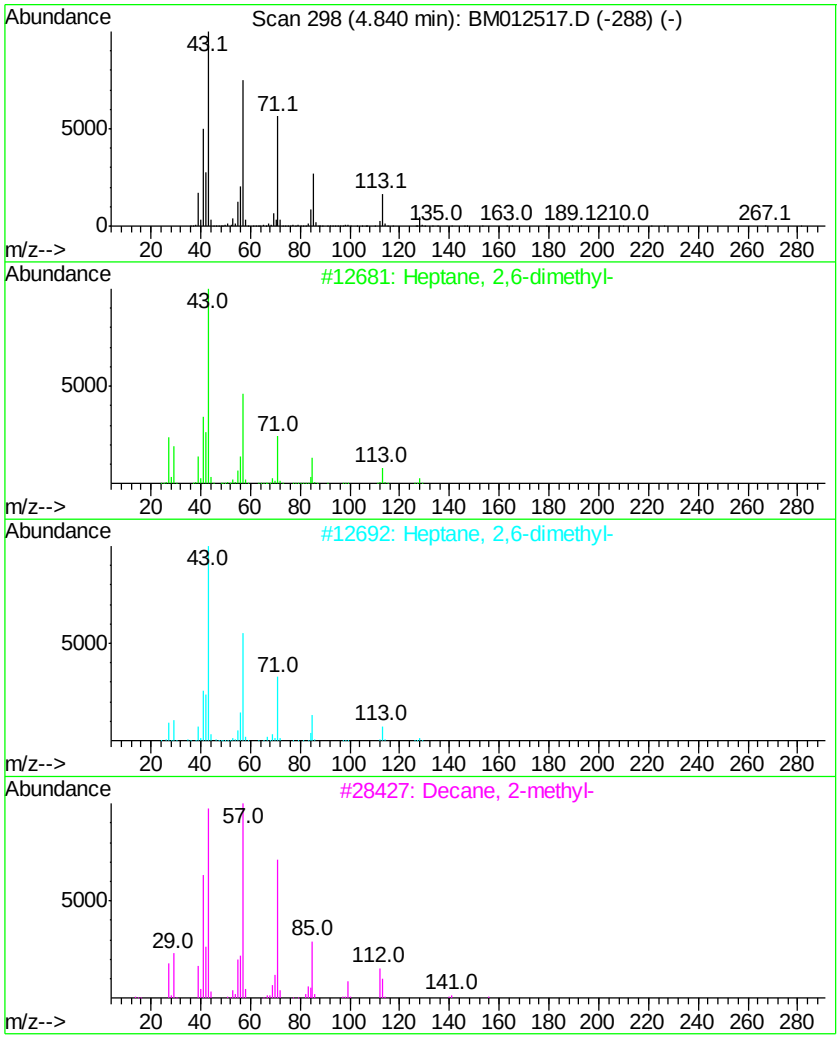
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

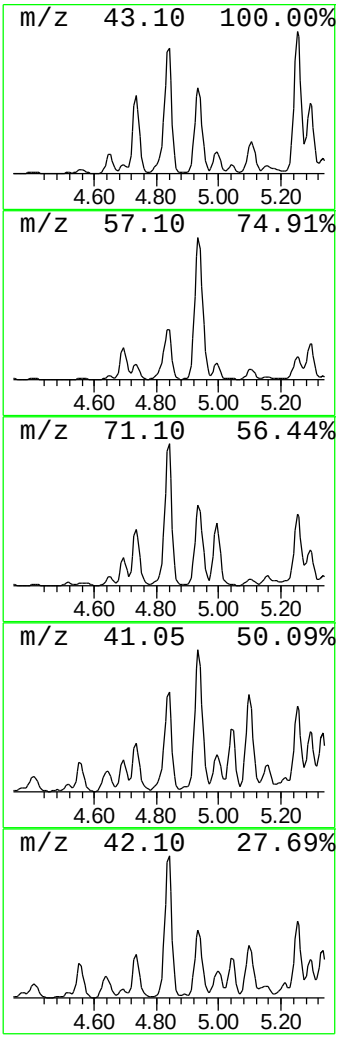
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.84 | 5.88 ng/ul | 29980100 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,6-dimethyl- | 128 | C9H20 | 001072-05-5 | 94 |
| 2 | Heptane, 2,6-dimethyl- | 128 | C9H20 | 001072-05-5 | 91 |
| 3 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 78 |
| 4 | Octane, 2-methyl- | 128 | C9H20 | 003221-61-2 | 76 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 59 |



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Sample : I5786-04 5X
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ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

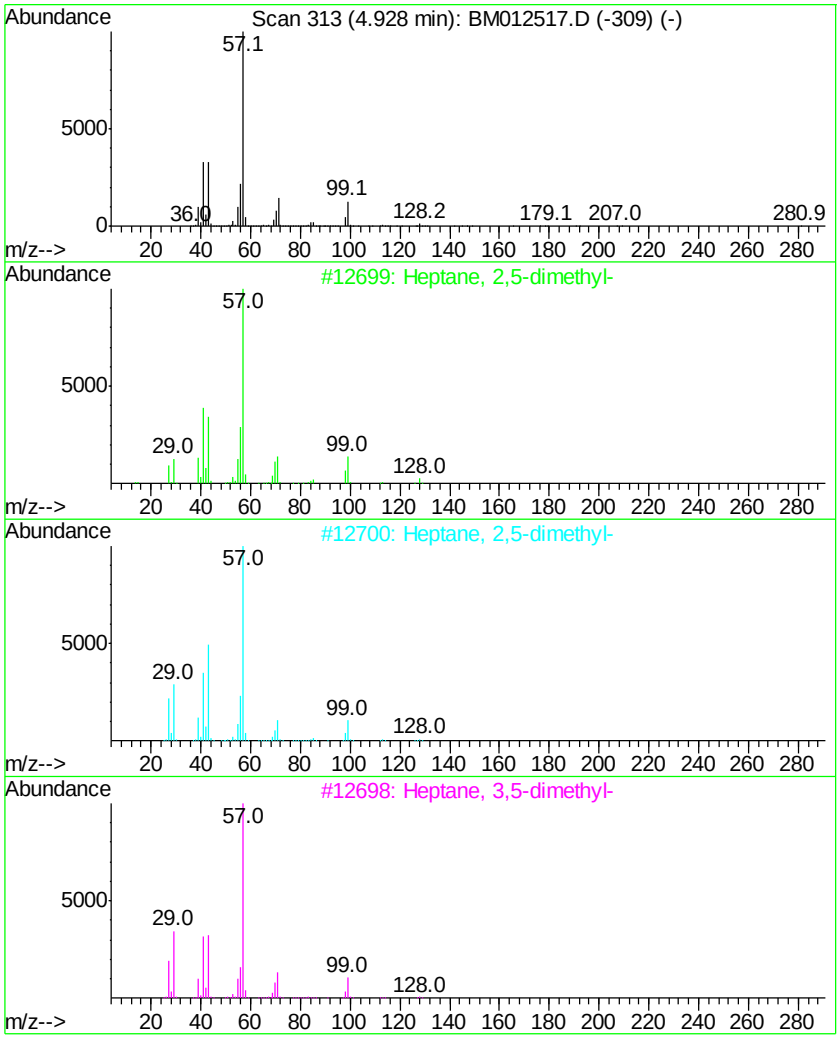
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

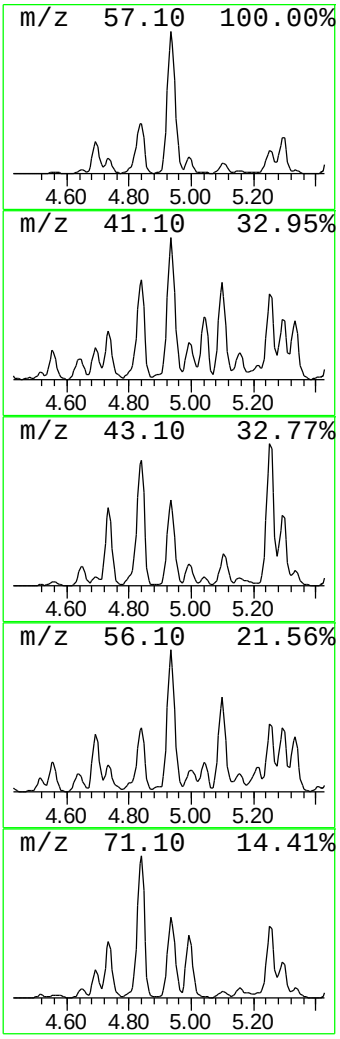
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.93 | 7.60 ng/ul | 38759300 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 91 |
| 2 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 90 |
| 3 | Heptane, 3,5-dimethyl- | 128 | C9H20 | 000926-82-9 | 90 |
| 4 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 90 |
| 5 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 86 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

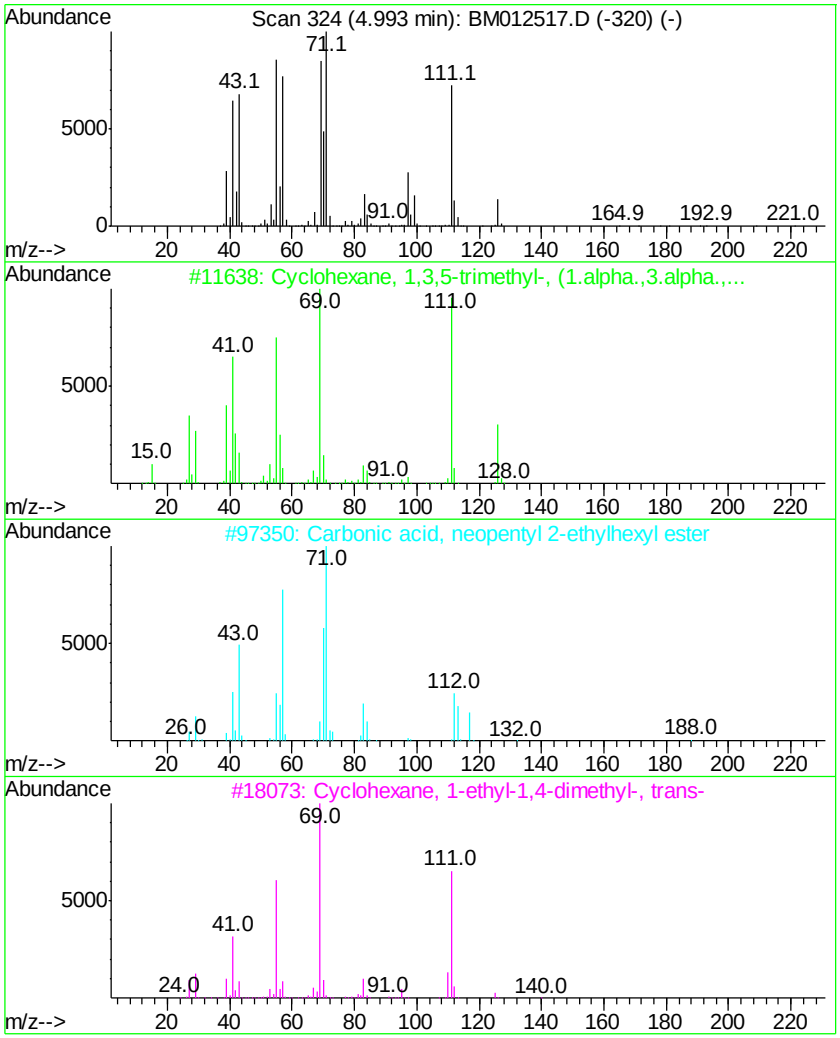
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

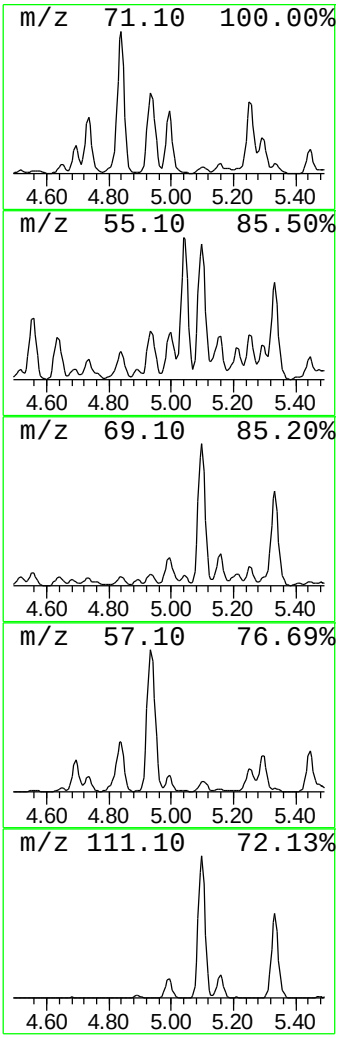
**********

Peak Number 5 (DEL) Alkane: Cyclic4.99 Concentration Rank 69

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.99 | 2.60 ng/ul | 13280700 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-26-2 | 43 |
| 2 | Carbonic acid, neopentyl 2-ethyl... | 244 | C14H28O3 | 1000357-85-7 | 38 |
| 3 | Cyclohexane, 1-ethyl-1,4-dimethy... | 140 | C10H20 | 062238-32-8 | 35 |
| 4 | 1-Hexene, 3,3-dimethyl- | 112 | C8H16 | 003404-77-1 | 30 |
| 5 | 2-Pyrazoline, 1-isopropyl-5-methyl- | 126 | C7H14N2 | 026964-54-5 | 30 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

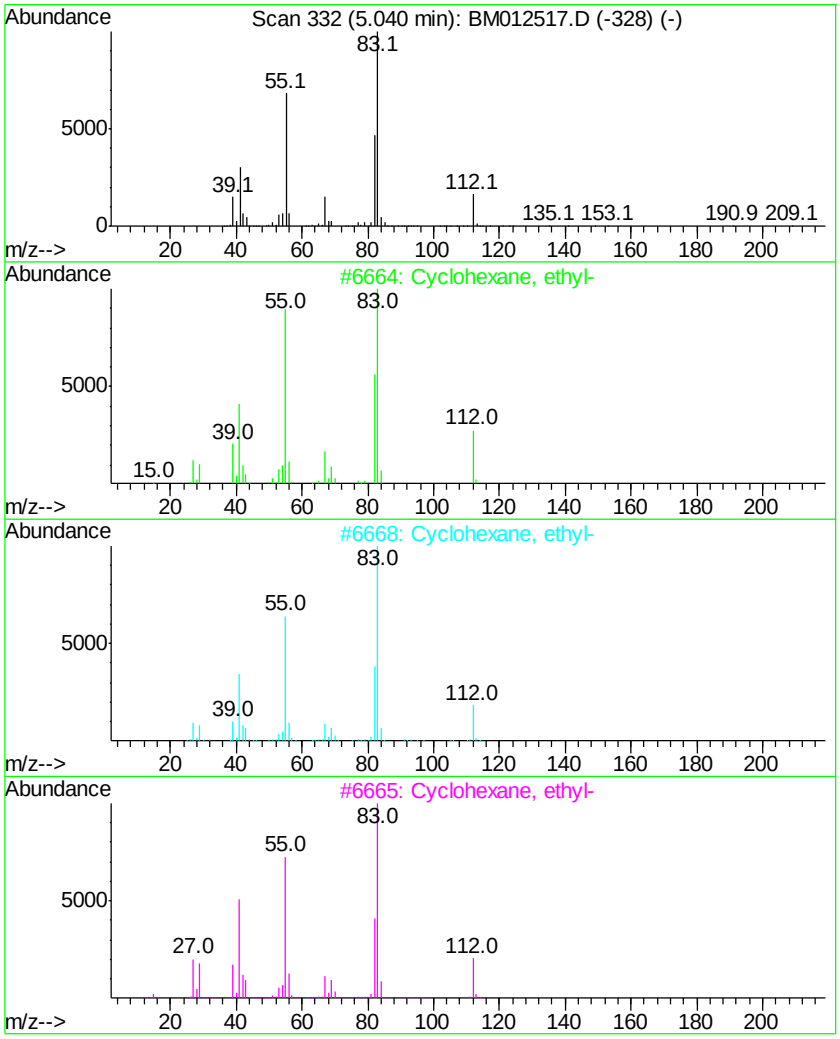
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

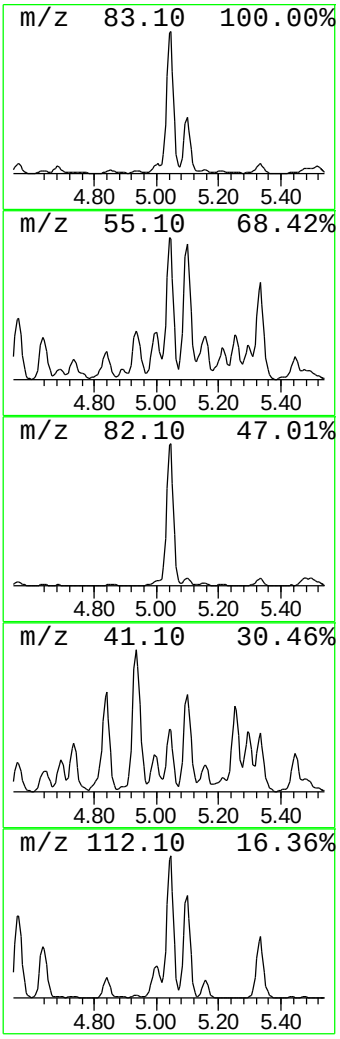
**********

Peak Number 6 (DEL) Alkane: Cyclic5.04 Concentration Rank 58

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.04 | 3.87 ng/ul | 19717800 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 91 |
| 2 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 87 |
| 3 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 86 |
| 4 | Oxalic acid, cyclohexyl isobutyl... | 228 | C12H20O4 | 1000309-30-4 | 53 |
| 5 | (E)-4-Oxohex-2-enal | 112 | C6H8O2 | 1000374-04-2 | 53 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

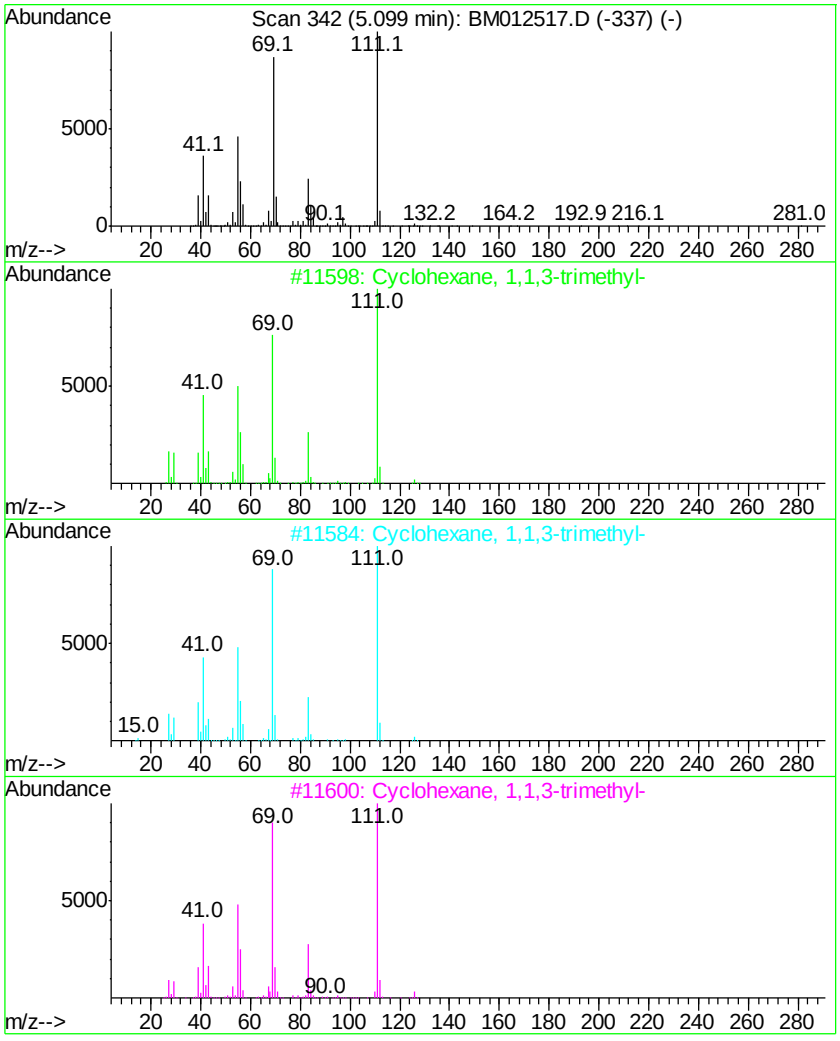
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

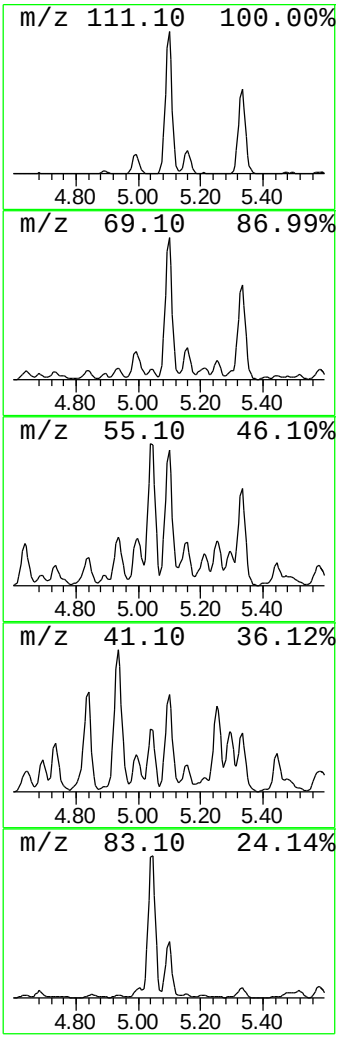
**********

Peak Number 7 (DEL) Alkane: Cyclic5.10 Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.10 | 7.29 ng/ul | 37182800 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 90 |
| 2 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 87 |
| 3 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 86 |
| 4 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 78 |
| 5 | Cyclooctane, (1-methylpropyl)- | 168 | C12H24 | 016538-89-9 | 64 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

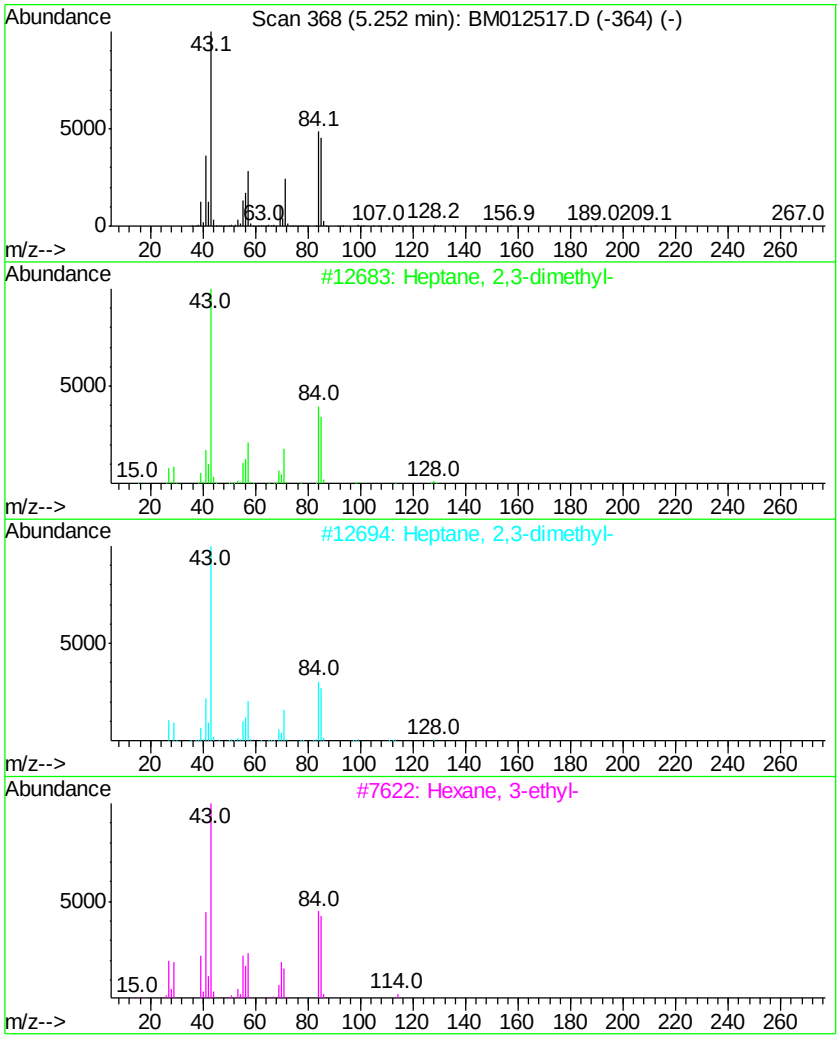
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

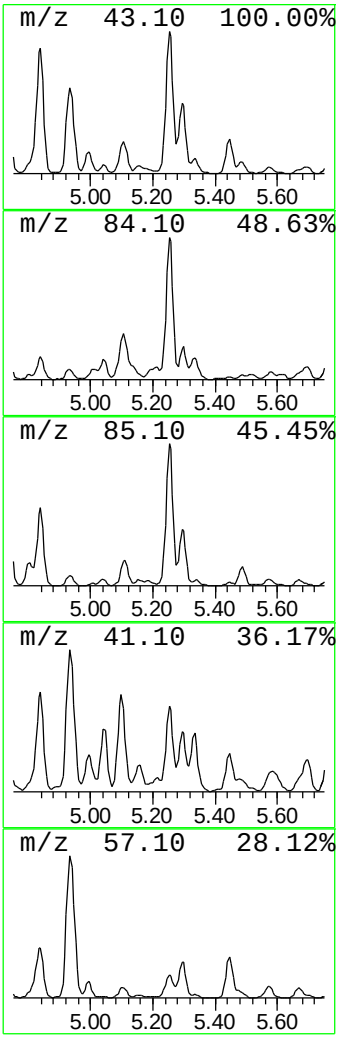
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.25 | 5.16 ng/ul | 26341600 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 83 |
| 2 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 81 |
| 3 | Hexane, 3-ethyl- | 114 | C8H18 | 000619-99-8 | 78 |
| 4 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 68 |
| 5 | Decane, 5,6-dimethyl- | 170 | C12H26 | 001636-43-7 | 64 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

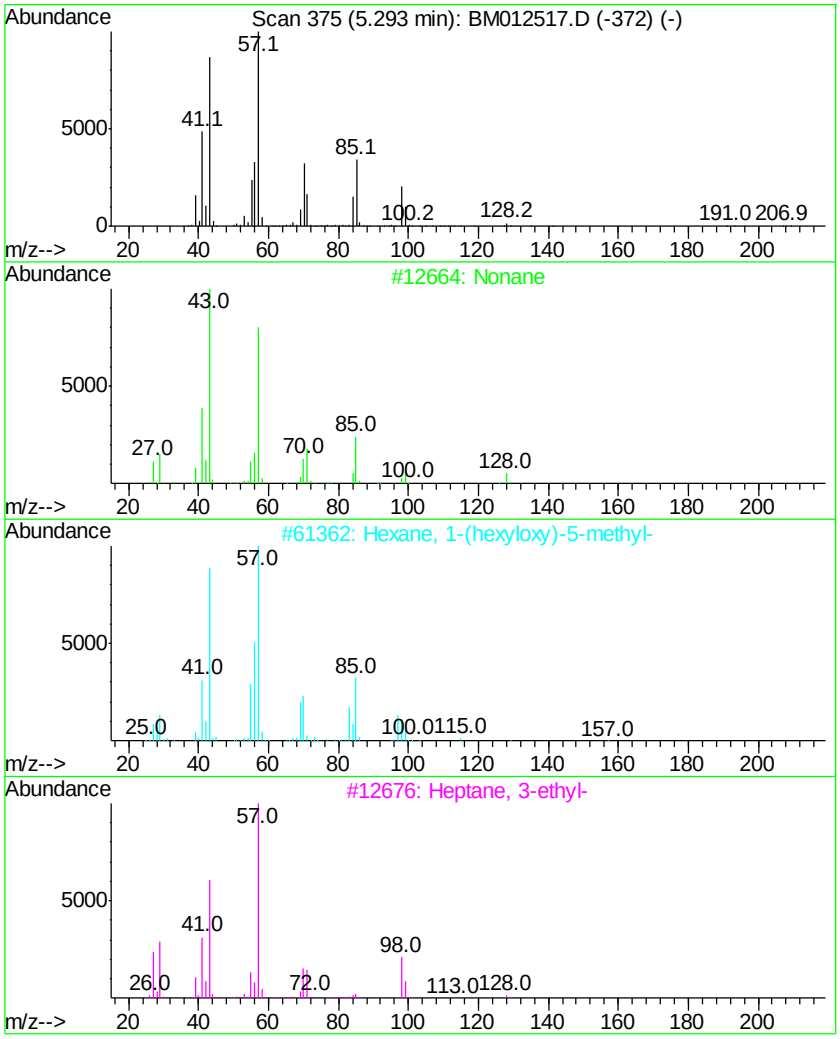
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

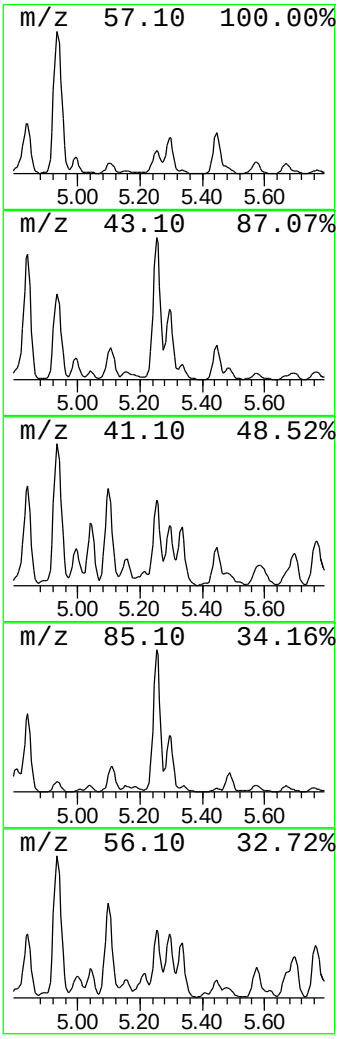
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 62

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.29 | 3.20 ng/ul | 16338100 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 59 |
| 2 | Hexane, 1-(hexyloxy)-5-methyl- | 200 | C13H28O | 074421-19-5 | 59 |
| 3 | Heptane, 3-ethyl- | 128 | C9H20 | 015869-80-4 | 52 |
| 4 | Hexane, 2,2,3,3-tetramethyl- | 142 | C10H22 | 013475-81-5 | 52 |
| 5 | Nonane, 2,5-dimethyl- | 156 | C11H24 | 017302-27-1 | 50 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

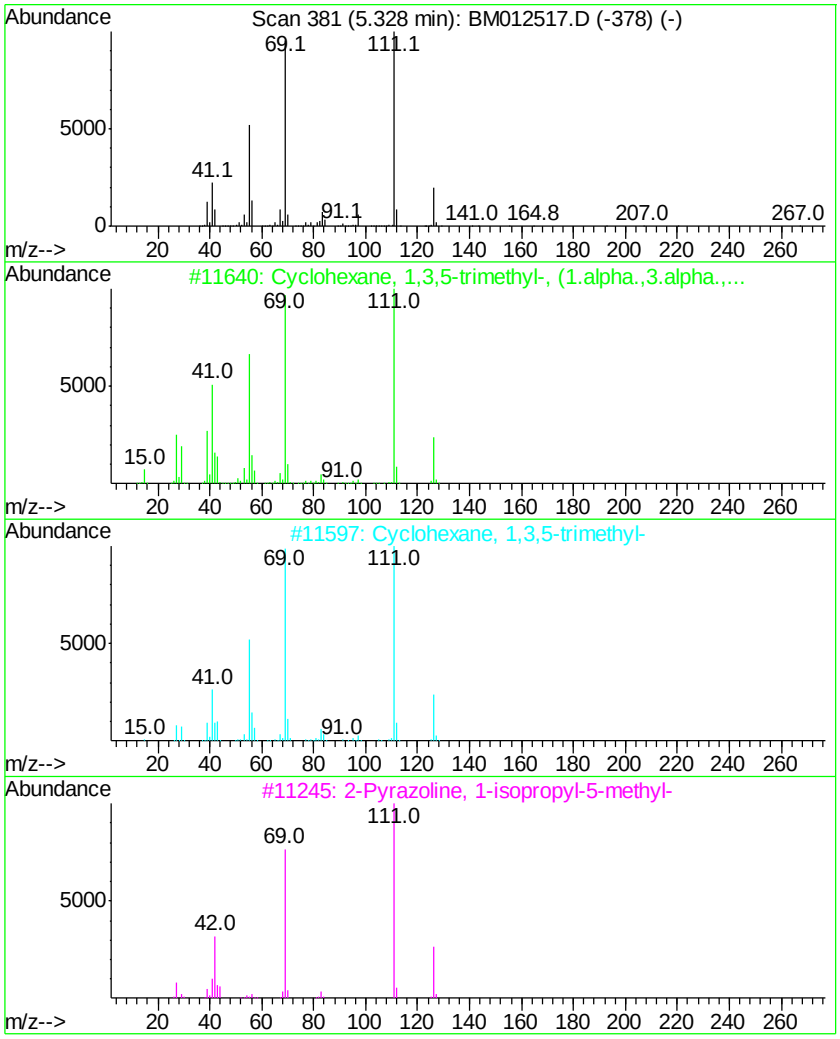
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

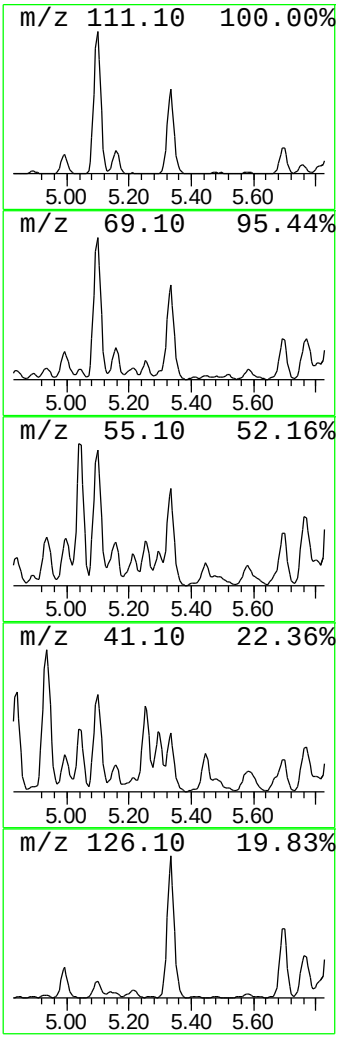
**********

Peak Number 10 (DEL) Alkane: Cyclic5.33 Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.33 | 4.72 ng/ul | 24054000 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-27-3 | 90 |
| 2 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 90 |
| 3 | 2-Pyrazoline, 1-isopropyl-5-methyl- | 126 | C7H14N2 | 026964-54-5 | 72 |
| 4 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 68 |
| 5 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 64 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

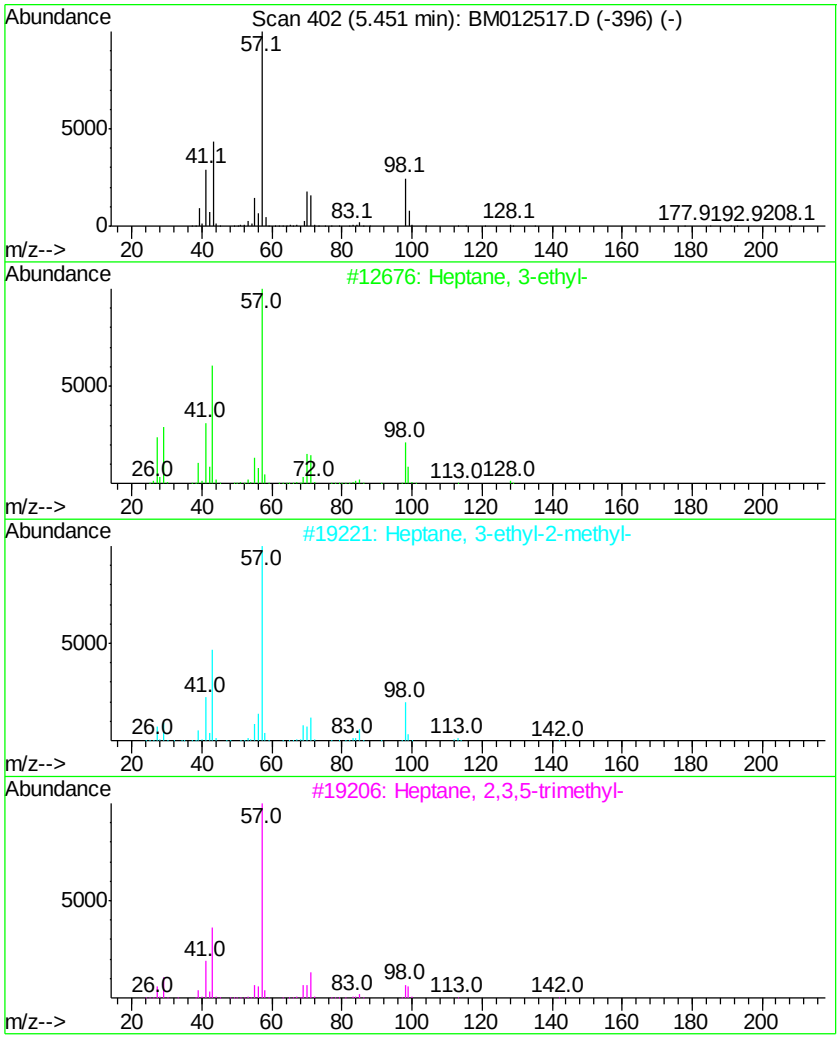
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

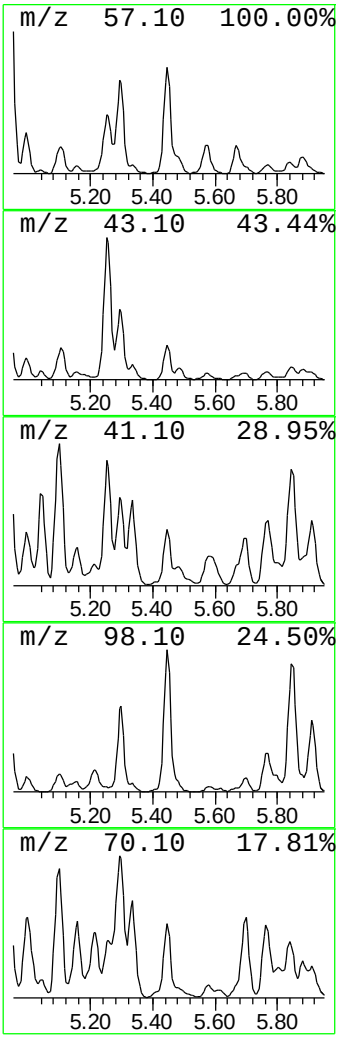
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 70

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.45 | 2.07 ng/ul | 10554300 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3-ethyl- | 128 | C9H20 | 015869-80-4 | 80 |
| 2 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 64 |
| 3 | Heptane, 2,3,5-trimethyl- | 142 | C10H22 | 020278-85-7 | 64 |
| 4 | Heptane, 4-(1-methylethyl)- | 142 | C10H22 | 052896-87-4 | 64 |
| 5 | Heptane, 4-propyl- | 142 | C10H22 | 003178-29-8 | 59 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

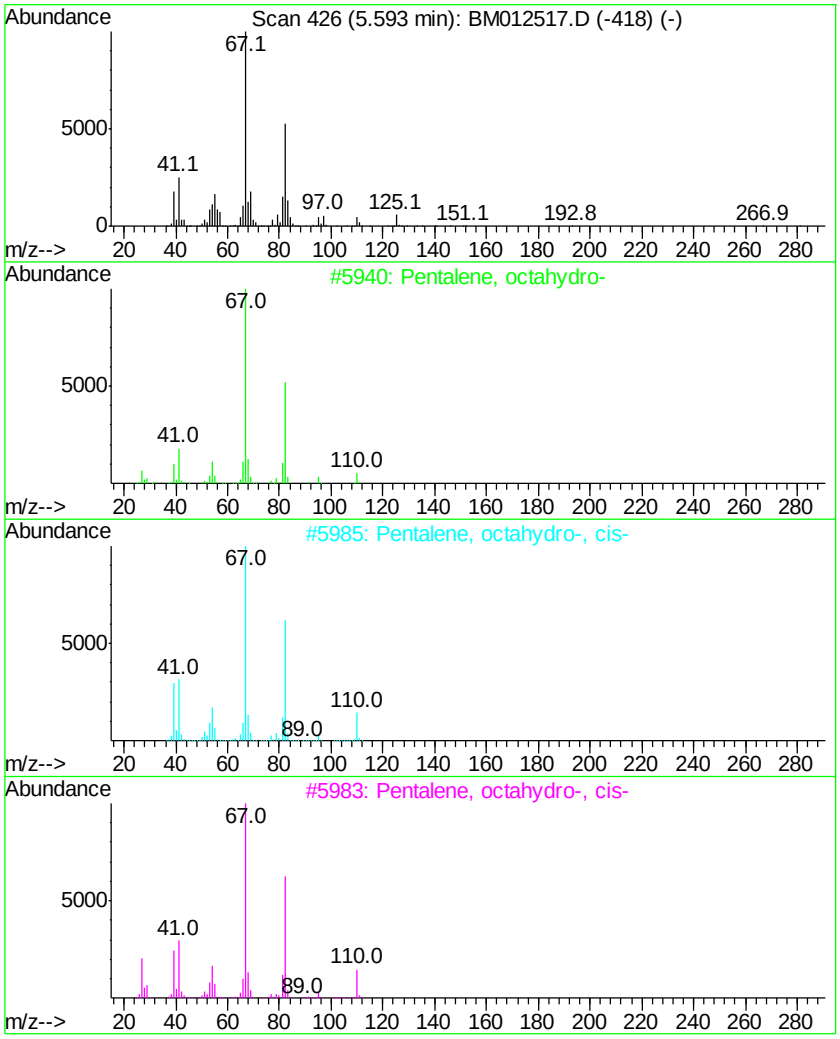
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

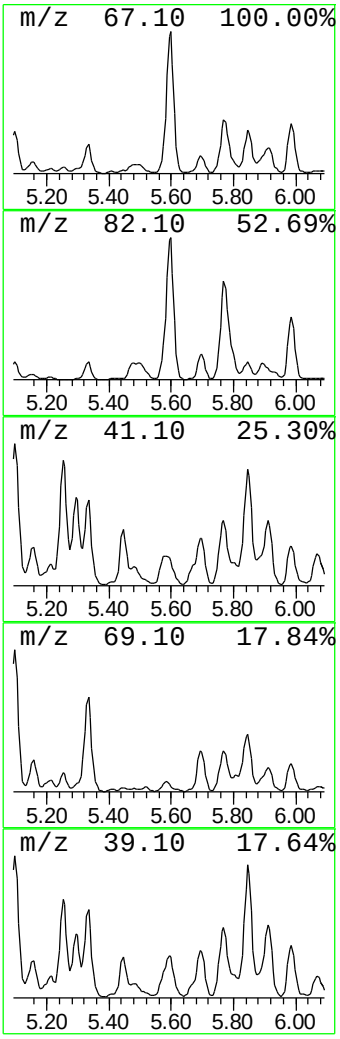
**********

Peak Number 12 Pentalene, octahydro- Concentration Rank 68

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.59 | 2.66 ng/ul | 13575300 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentalene, octahydro- | 110 | C8H14 | 000694-72-4 | 80 |
| 2 | Pentalene, octahydro-, cis- | 110 | C8H14 | 001755-05-1 | 72 |
| 3 | Pentalene, octahydro-, cis- | 110 | C8H14 | 001755-05-1 | 72 |
| 4 | Pentalene, octahydro-, cis- | 110 | C8H14 | 001755-05-1 | 72 |
| 5 | 4-Hexen-1-ol, pentafluoropropionate | 246 | C9H11F5O2 | 1000352-72-4 | 64 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

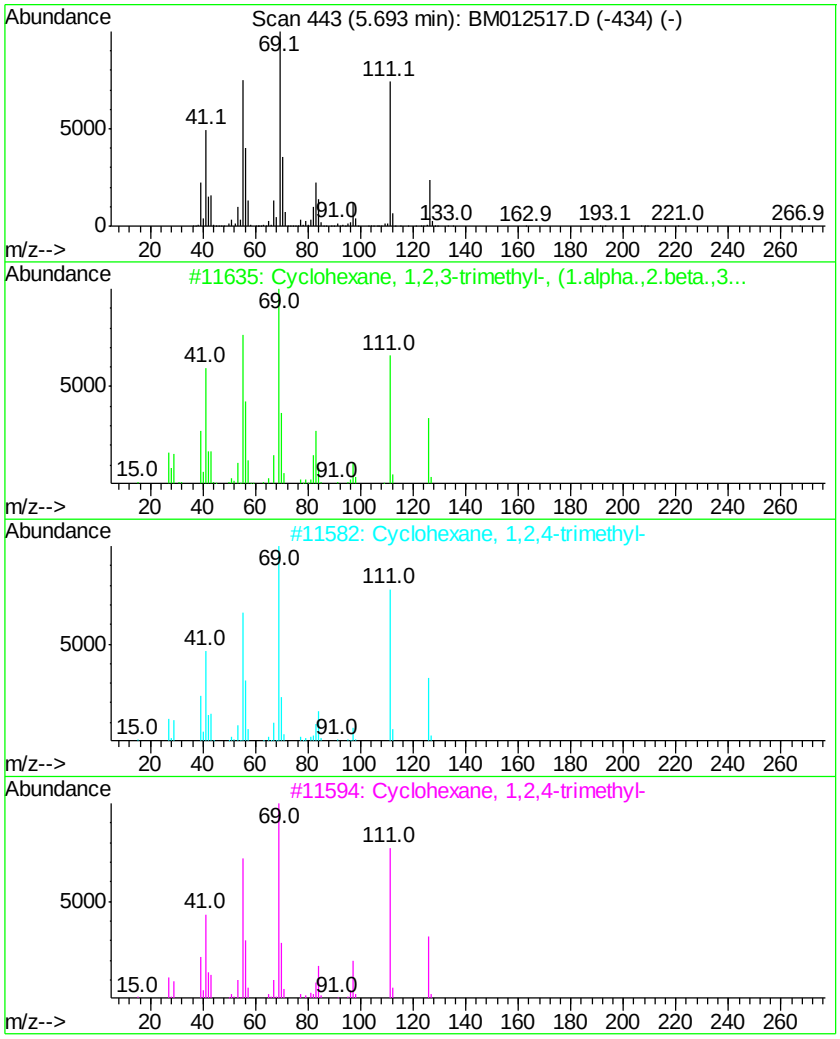
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

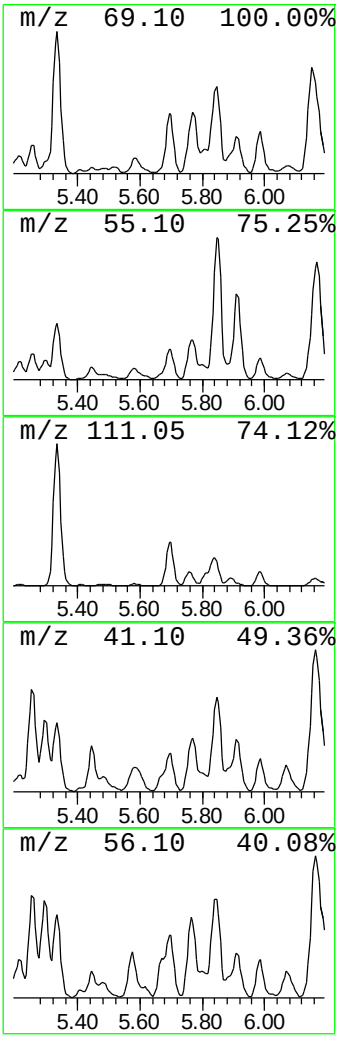
**********

Peak Number 13 (DEL) Alkane: Cyclic5.69 Concentration Rank 64

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.69 | 3.09 ng/ul | 15784000 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2,3-trimethyl-, (... | 126 | C9H18 | 001678-81-5 | 91 |
| 2 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 87 |
| 3 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 83 |
| 4 | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18 | 007667-60-9 | 81 |
| 5 | 3-Nonene | 126 | C9H18 | 020063-77-8 | 62 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

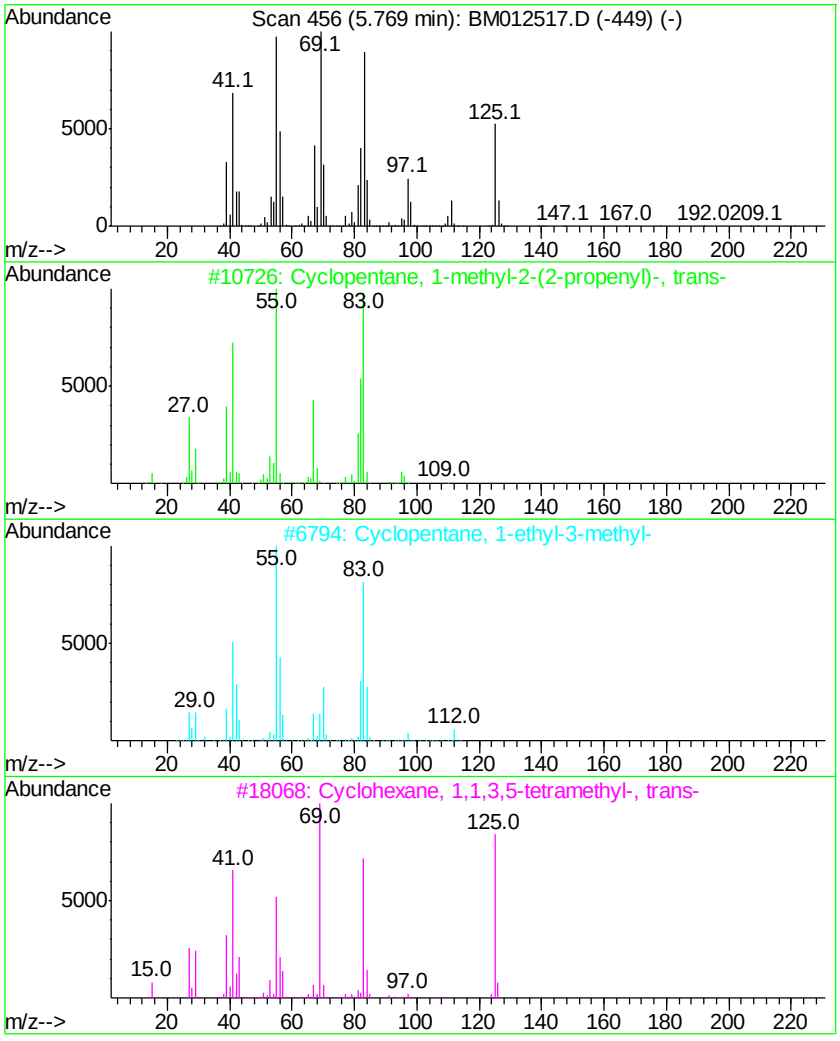
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

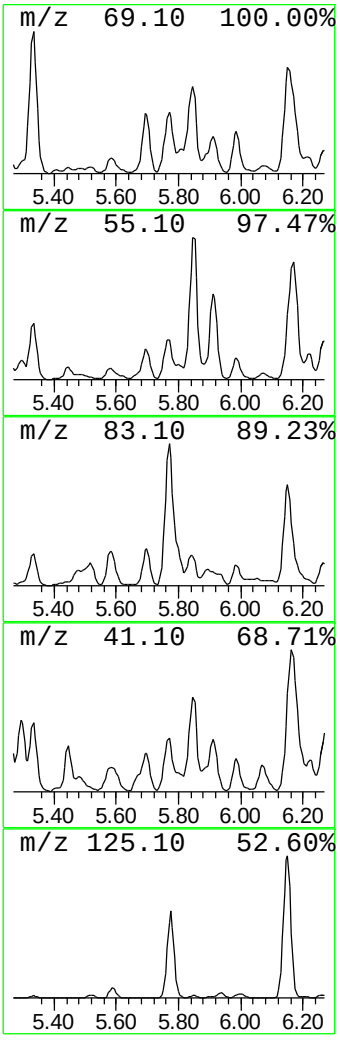
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Cyclopentane, 1-methyl-2-(2... Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.77 | 4.31 ng/ul | 22002200 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1-methyl-2-(2-prop... | 124 | C9H16 | 050746-53-7 | 80 |
| 2 | Cyclopentane, 1-ethyl-3-methyl- | 112 | C8H16 | 003726-47-4 | 50 |
| 3 | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20 | 050876-31-8 | 47 |
| 4 | 2,3-Dimethyl-3-heptene | 126 | C9H18 | 1000113-49-3 | 46 |
| 5 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 46 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

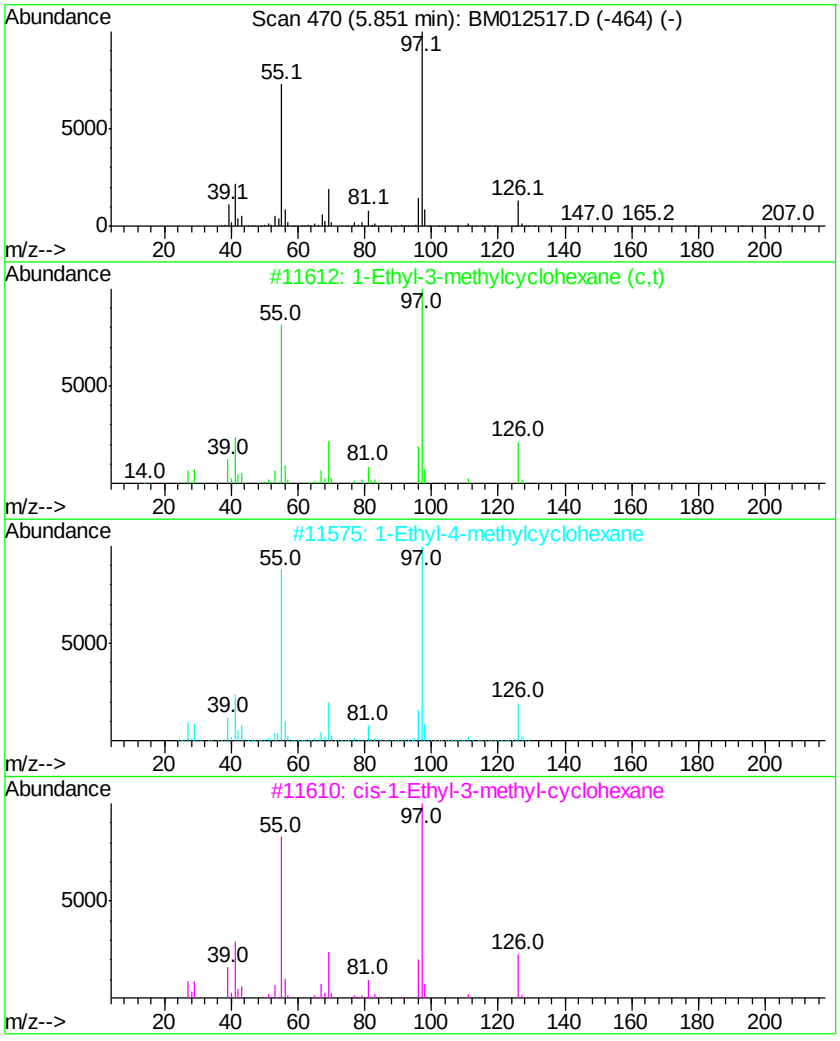
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

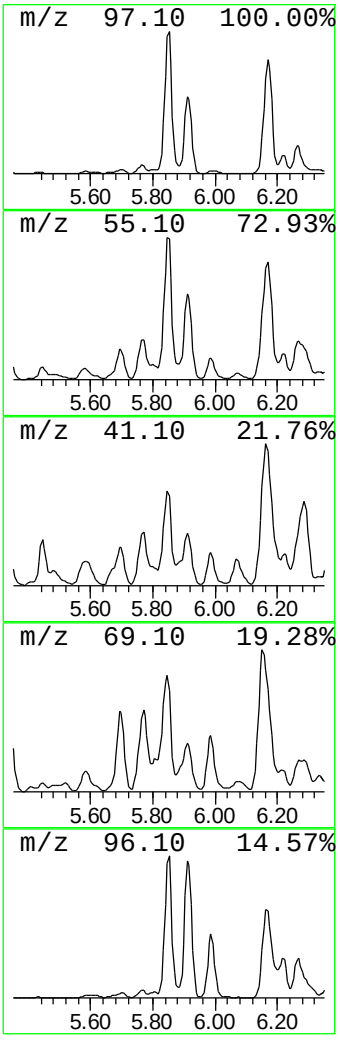
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 1-Ethyl-3-methylcyclohexane... Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.85 | 6.05 ng/ul | 30843200 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Ethyl-3-methylcyclohexane (c,t) | 126 | C9H18 | 003728-55-0 | 91 |
| 2 | 1-Ethyl-4-methylcyclohexane | 126 | C9H18 | 003728-56-1 | 91 |
| 3 | cis-1-Ethyl-3-methyl-cyclohexane | 126 | C9H18 | 019489-10-2 | 91 |
| 4 | Sulfurous acid, cyclohexylmethyl... | 346 | C19H38O3S | 1000309-22-0 | 78 |
| 5 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 006236-88-0 | 76 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

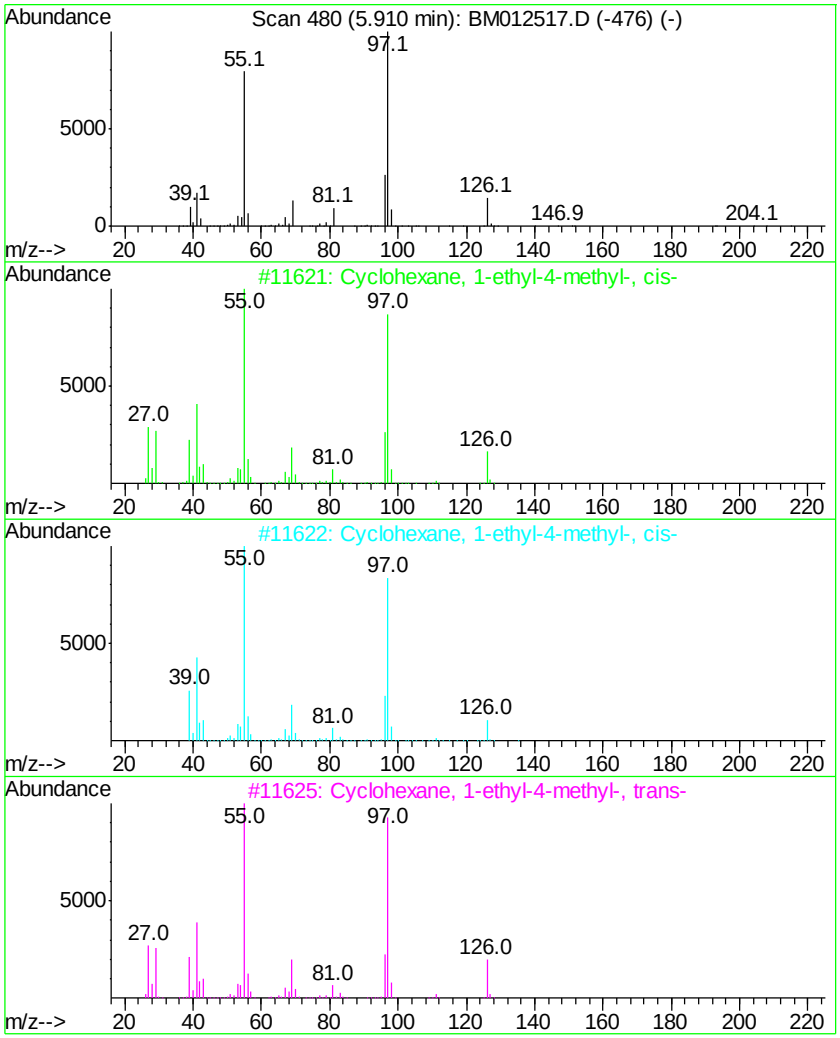
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

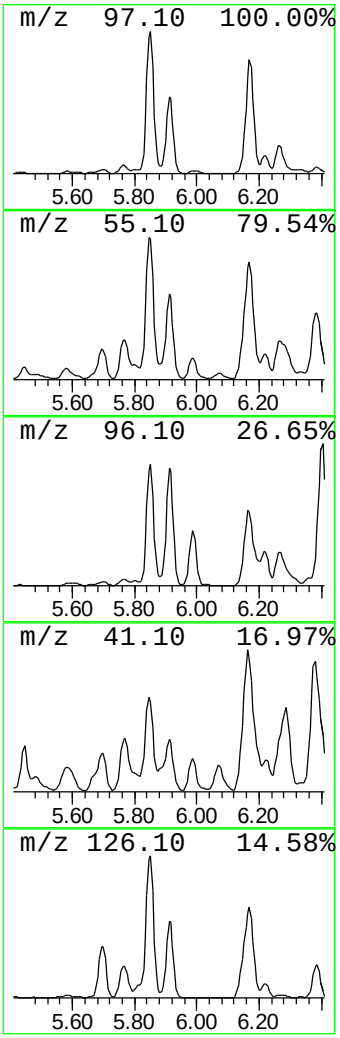
**********

Peak Number 16 (DEL) Alkane: Cyclic5.91 Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.91 | 4.12 ng/ul | 21038300 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 004926-78-7 | 91 |
| 2 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 004926-78-7 | 90 |
| 3 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 006236-88-0 | 90 |
| 4 | Cyclohexane, 1-ethyl-1-methyl- | 126 | C9H18 | 004926-90-3 | 72 |
| 5 | Cyclopentane, 1,1'-ethylidenebis- | 166 | C12H22 | 004413-21-2 | 72 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

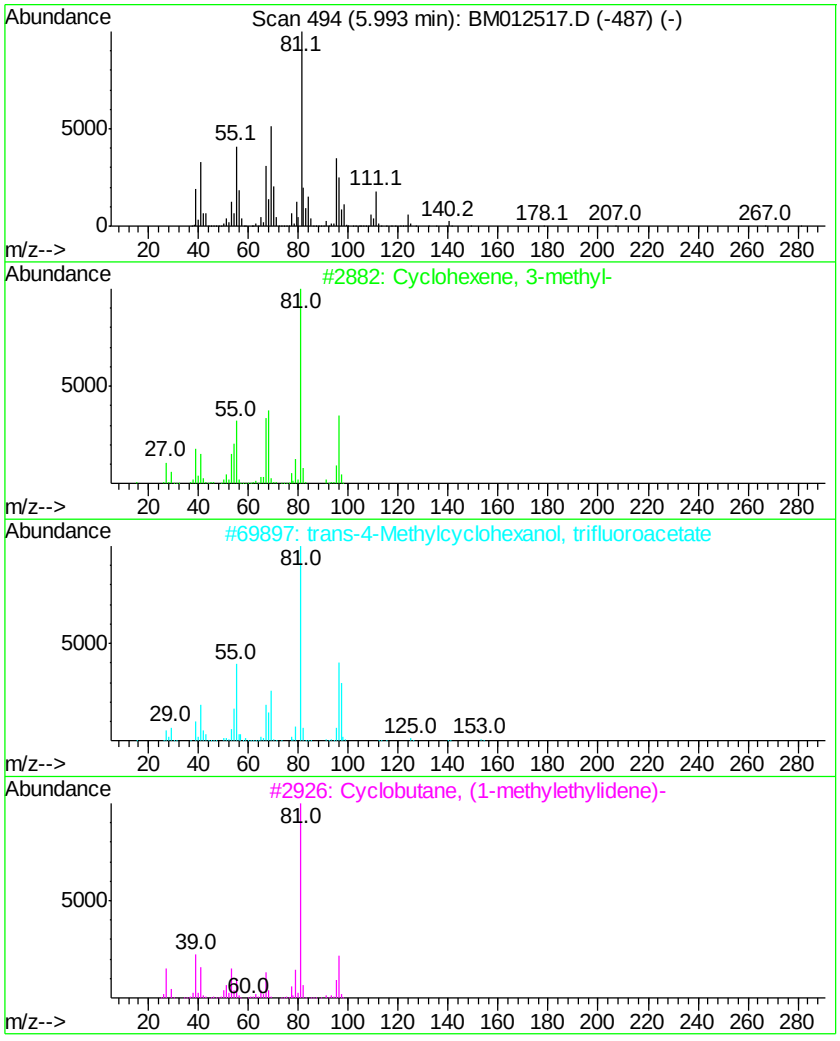
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

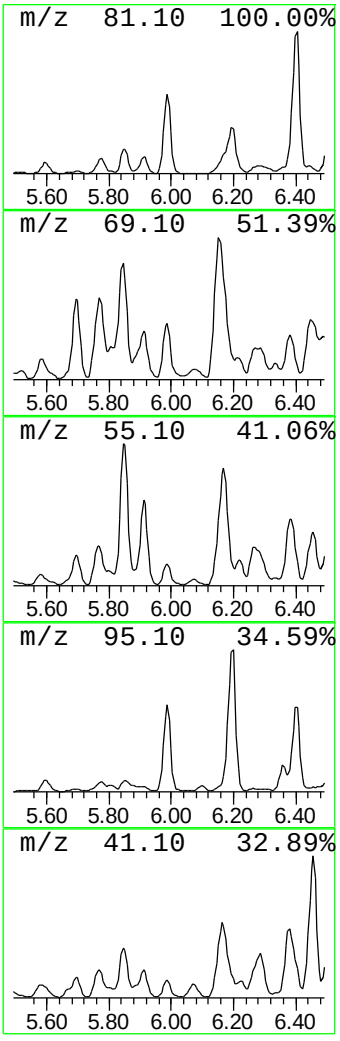
**********

Peak Number 17 unknown-01 Concentration Rank 65

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.99 | 2.90 ng/ul | 14766600 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 3-methyl- | 96 | C7H12 | 000591-48-0 | 49 |
| 2 | trans-4-Methylcyclohexanol, trif... | 210 | C9H13F3O2 | 1000364-13-8 | 43 |
| 3 | Cyclobutane, (1-methylethylidene)- | 96 | C7H12 | 001528-22-9 | 43 |
| 4 | Cyclohexene, 1-ethyl- | 110 | C8H14 | 001453-24-3 | 43 |
| 5 | Cyclopentane, 1-methyl-2-methylene- | 96 | C7H12 | 041158-41-2 | 43 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

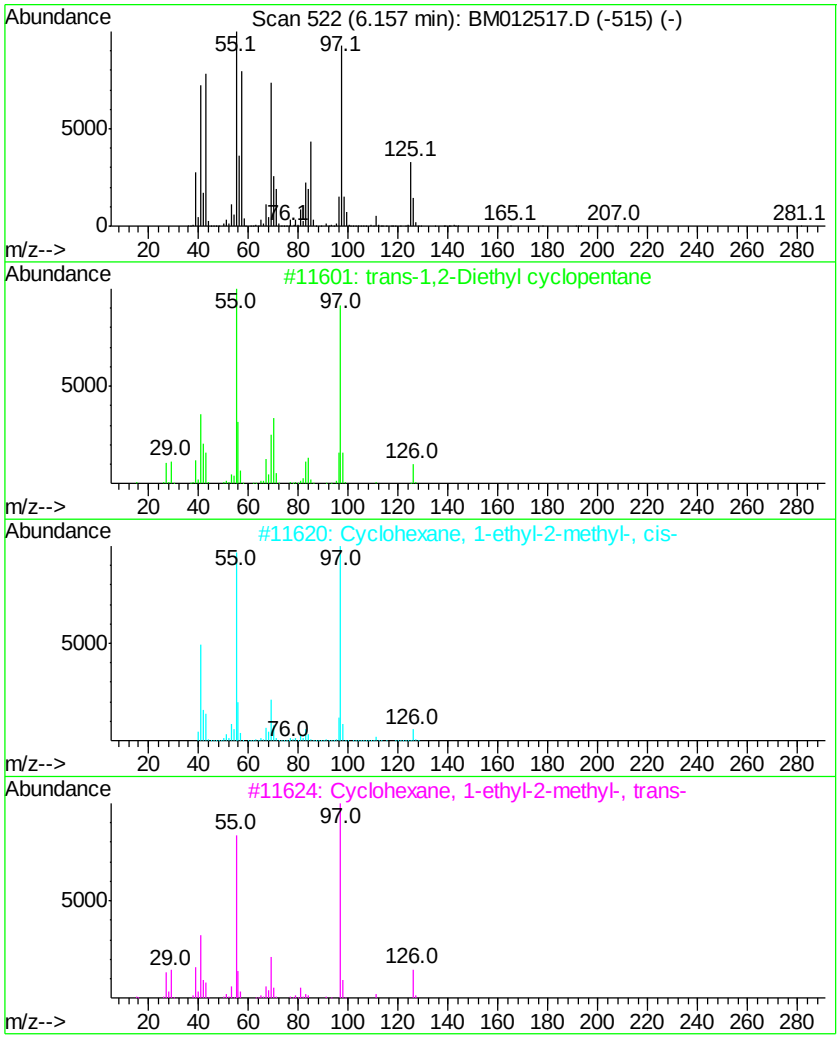
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

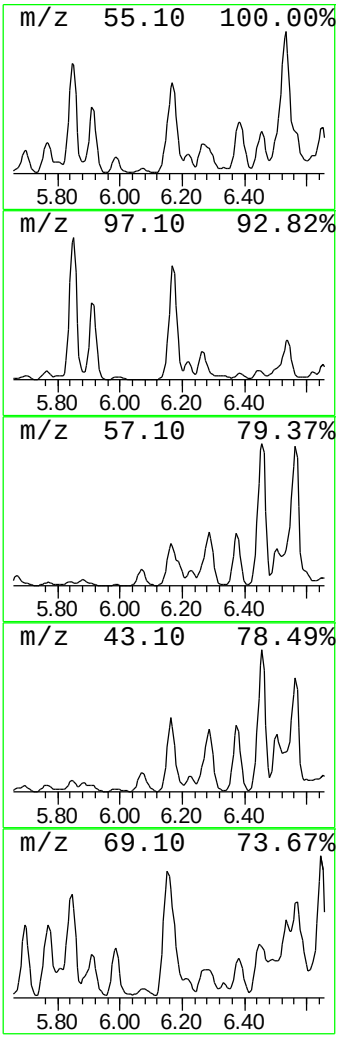
**********

Peak Number 18 trans-1,2-Diethyl cyclopentane Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.16 | 14.05 ng/ul | 71673100 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans-1,2-Diethyl cyclopentane | 126 | C9H18 | 000932-40-1 | 64 |
| 2 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-77-7 | 52 |
| 3 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-78-8 | 49 |
| 4 | Cyclohexane, 1-ethyl-2-methyl- | 126 | C9H18 | 003728-54-9 | 49 |
| 5 | 2-Hexene, 3,4,4-trimethyl- | 126 | C9H18 | 053941-19-8 | 46 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

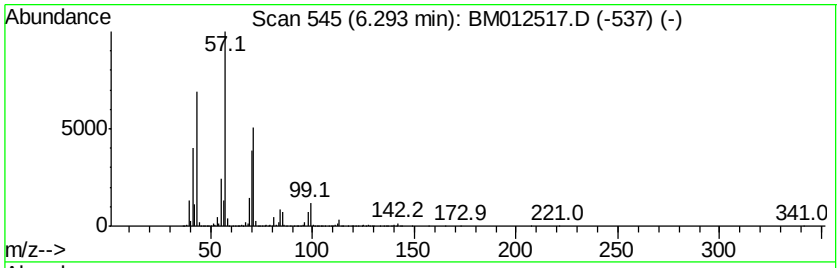
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

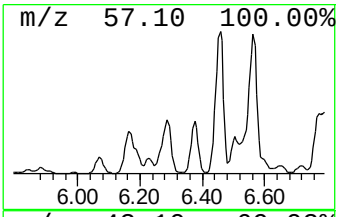
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

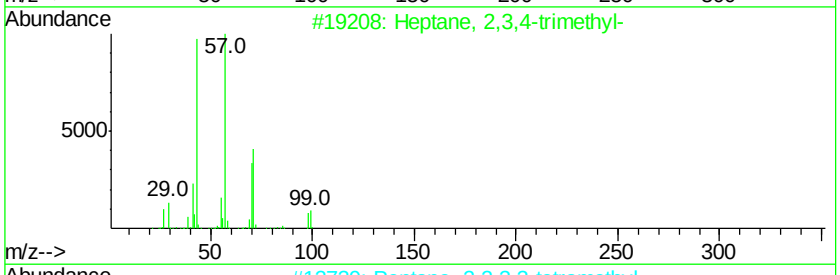
**********
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 38

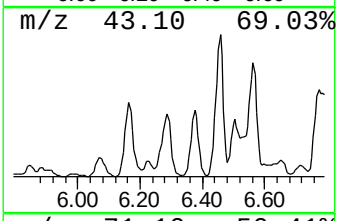
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.29 | 6.31 ng/ul | 32165600 | 1,4-Dichlorobenzene-d4 | 7.88 |

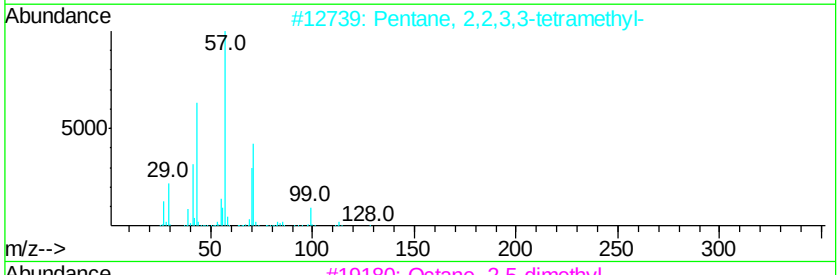
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,3,4-trimethyl- | 142 | C10H22 | 052896-95-4 | 72 |
| 2 | Pentane, 2,2,3,3-tetramethyl- | 128 | C9H20 | 007154-79-2 | 72 |
| 3 | Octane, 2,5-dimethyl- | 142 | C10H22 | 015869-89-3 | 72 |
| 4 | Undecane, 4,5-dimethyl- | 184 | C13H28 | 017312-79-7 | 64 |
| 5 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 64 |

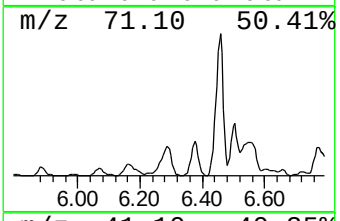


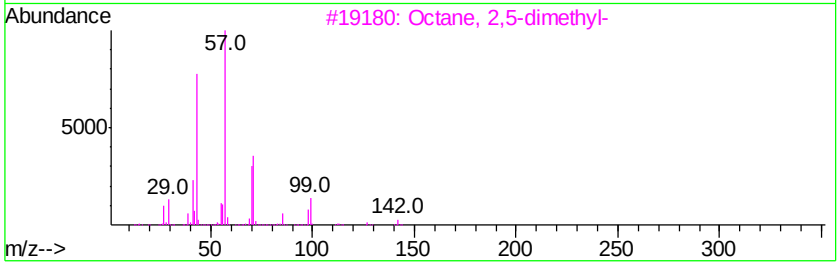



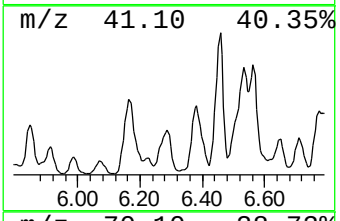



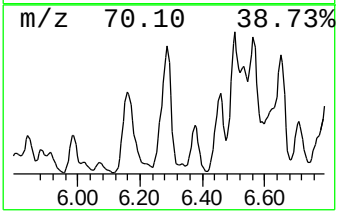



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

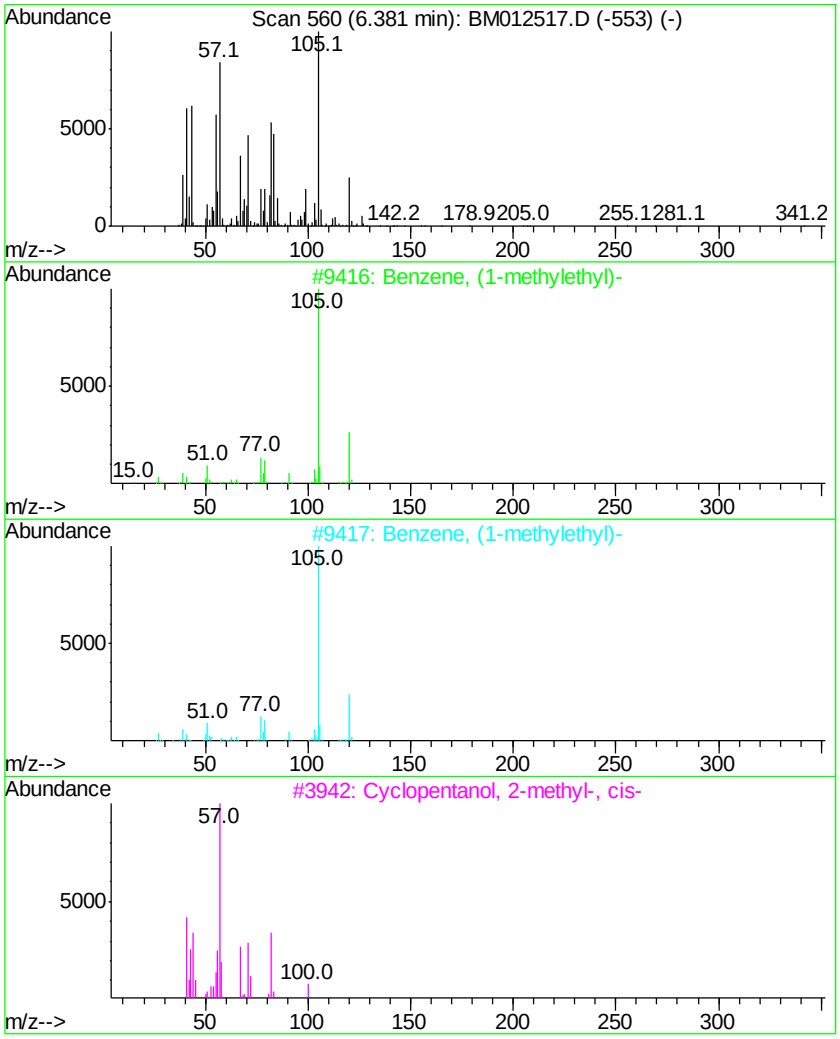
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

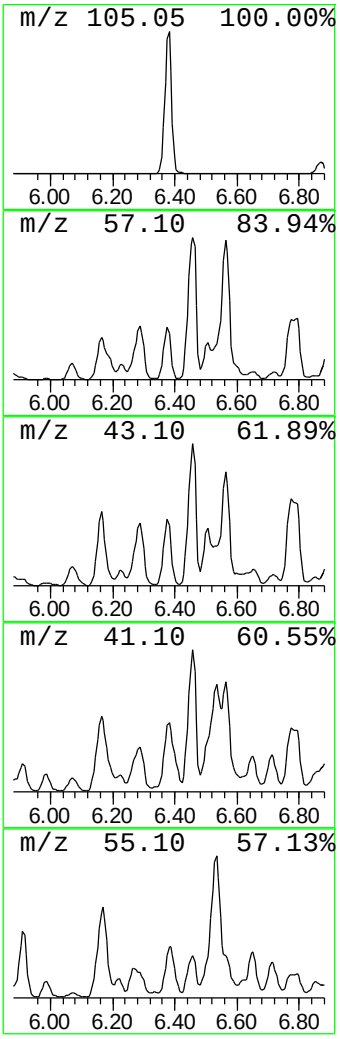
**********

Peak Number 20 unknown-02 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.38 | 13.53 ng/ul | 69023800 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 35 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 35 |
| 3 | Cyclopentanol, 2-methyl-, cis- | 100 | C6H12O | 025144-05-2 | 27 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 20 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 18 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

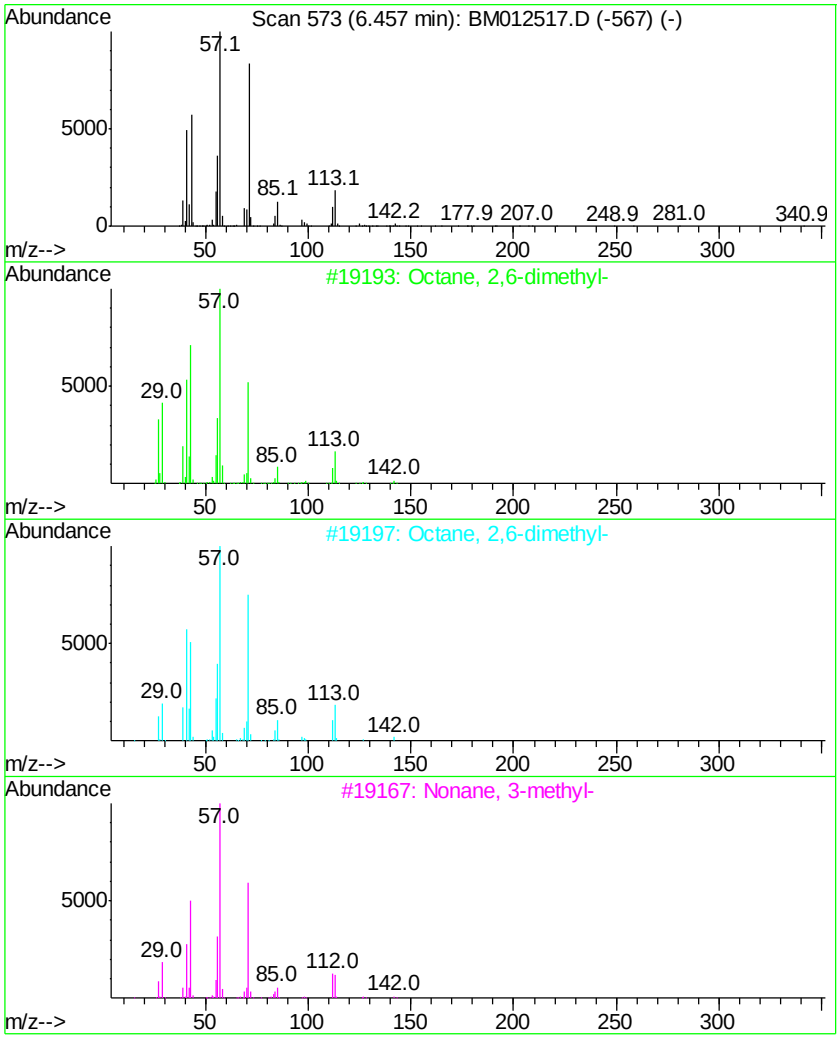
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

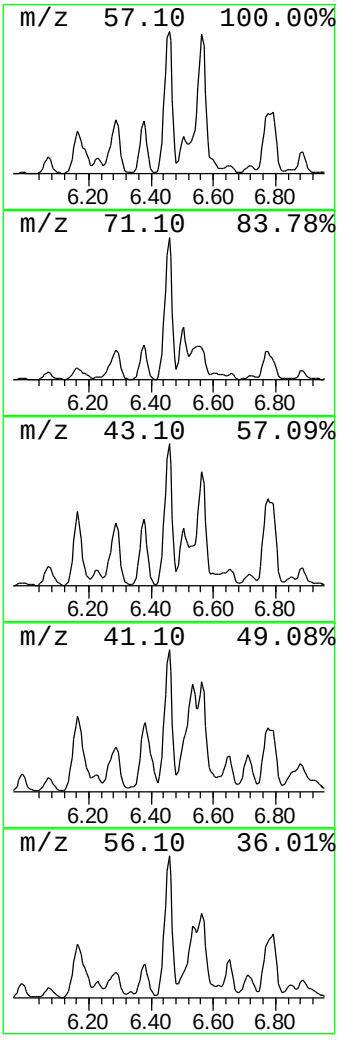
**********

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.46 | 13.00 ng/ul | 66329300 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 91 |
| 2 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 90 |
| 3 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 87 |
| 4 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 80 |
| 5 | Undecane, 6,6-dimethyl- | 184 | C13H28 | 017312-76-4 | 72 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

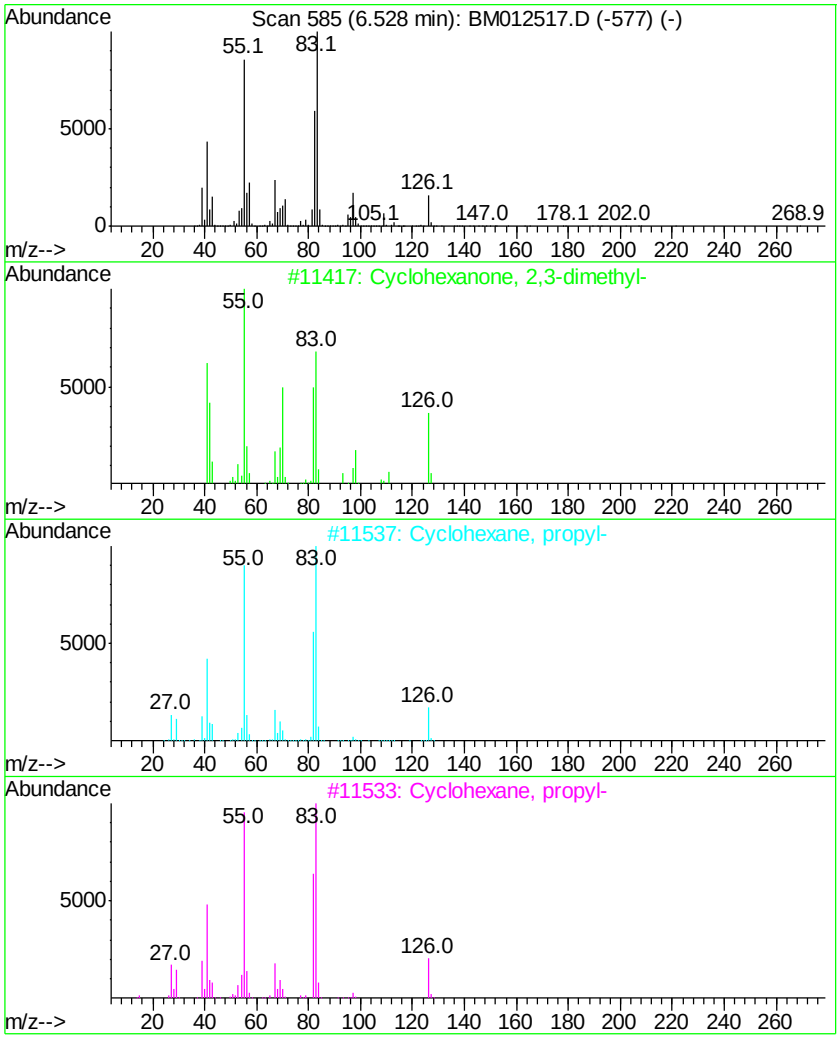
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

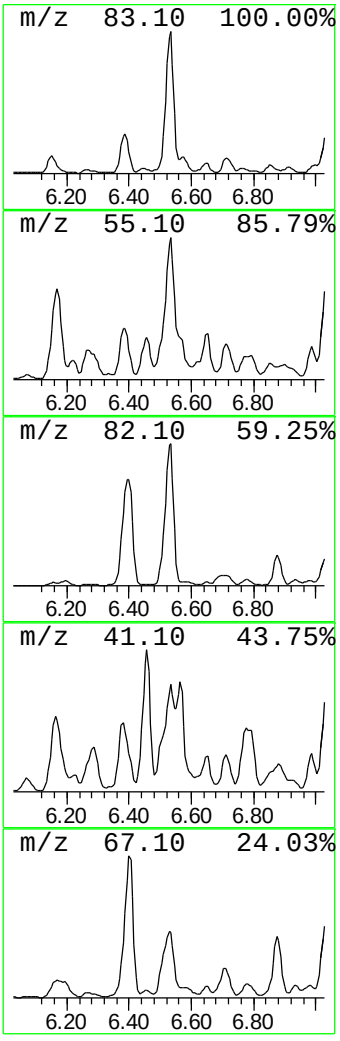
**********

Peak Number 22 Cyclohexanone, 2,3-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.53 | 19.05 ng/ul | 97188400 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 2,3-dimethyl- | 126 | C8H14O | 013395-76-1 | 87 |
| 2 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 81 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 81 |
| 4 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 74 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 72 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

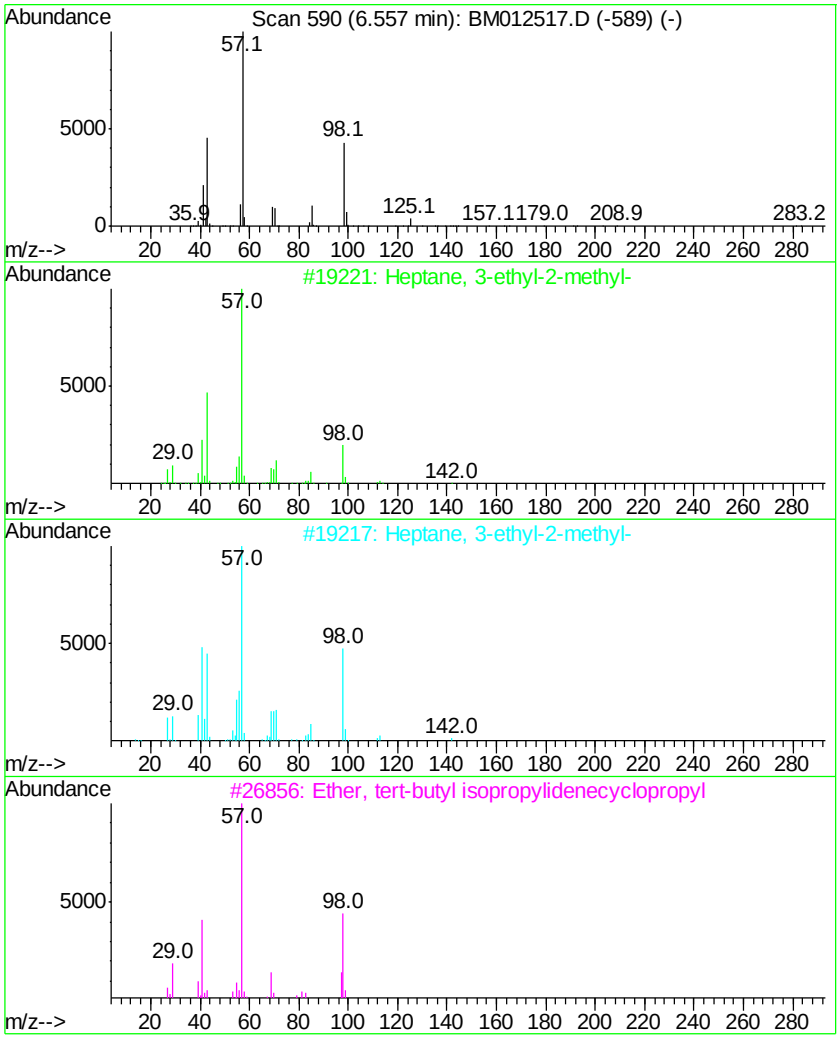
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

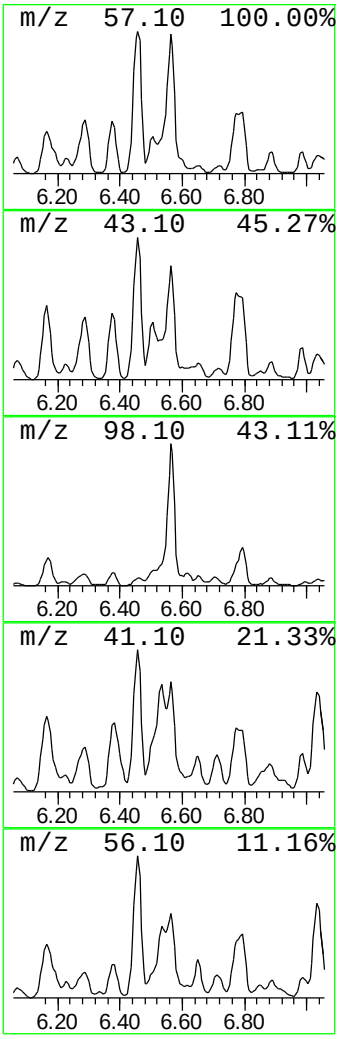
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.56 | 9.24 ng/ul | 47140100 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 53 |
| 2 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 45 |
| 3 | Ether, tert-butyl isopropylidene... | 154 | C10H18O | 024524-56-9 | 45 |
| 4 | Hexane, 3-ethyl-2,5-dimethyl- | 142 | C10H22 | 052897-04-8 | 43 |
| 5 | Heptane, 2,3,5-trimethyl- | 142 | C10H22 | 020278-85-7 | 38 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

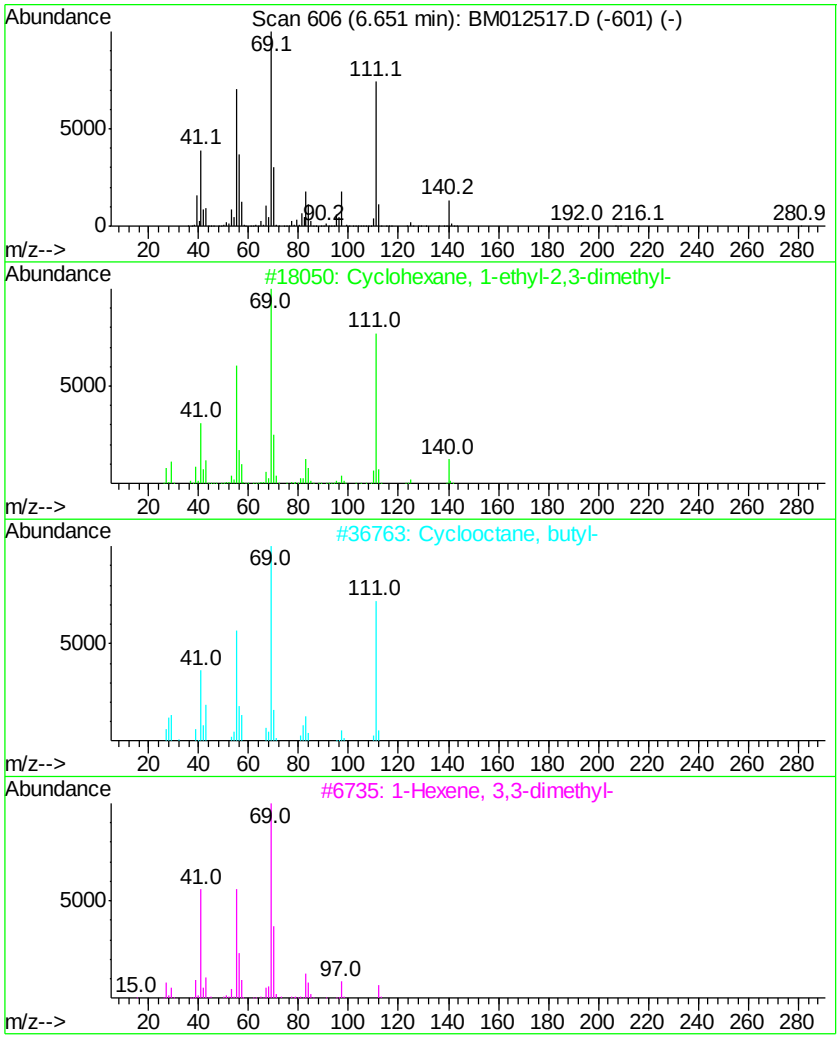
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

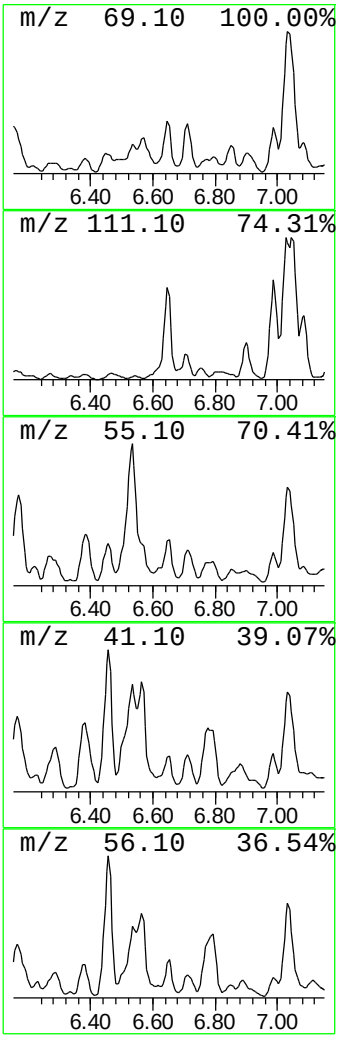
**********

Peak Number 24 (DEL) Alkane: Cyclic6.65 Concentration Rank 60

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.65 | 3.57 ng/ul | 18202300 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-2,3-dimethyl- | 140 | C10H20 | 007058-05-1 | 90 |
| 2 | Cyclooctane, butyl- | 168 | C12H24 | 016538-93-5 | 64 |
| 3 | 1-Hexene, 3,3-dimethyl- | 112 | C8H16 | 003404-77-1 | 45 |
| 4 | 3-Hexene, 2,5-dimethyl- | 112 | C8H16 | 015910-22-2 | 43 |
| 5 | 3-Octene, 2,2-dimethyl- | 140 | C10H20 | 086869-76-3 | 43 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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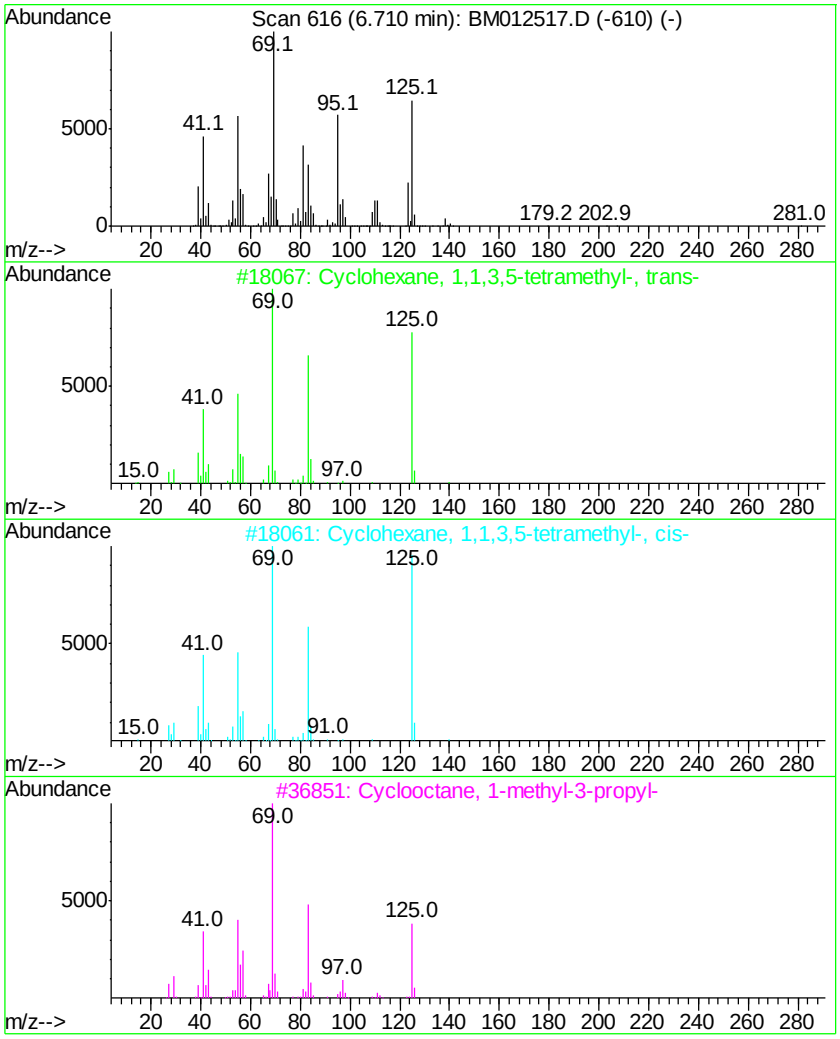
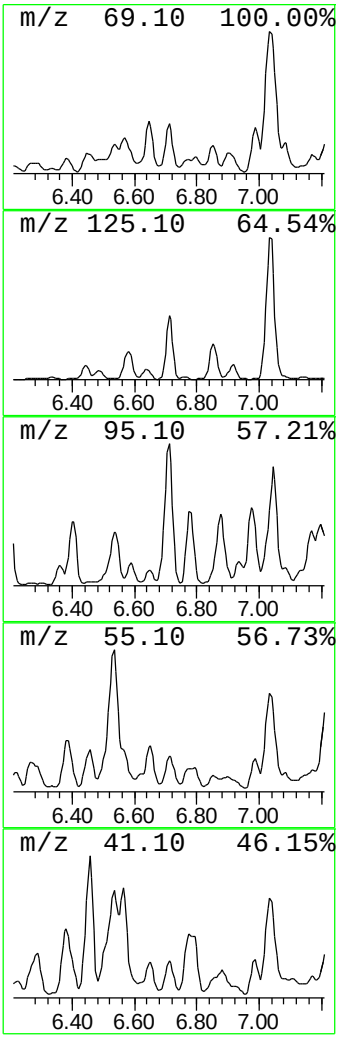
Peak Number 25 (DEL) Alkane: Cyclic6.71 Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.71 | 4.71 ng/ul | 24038300 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20 | 050876-31-8 | 53 |
| 2 | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20 | 050876-32-9 | 46 |
| 3 | Cyclooctane, 1-methyl-3-propyl- | 168 | C12H24 | 255885-37-1 | 43 |
| 4 | 2,2-Dimethyl-3-heptene trans | 126 | C9H18 | 019550-75-5 | 35 |
| 5 | 3-Ethyl-4-octene | 140 | C10H20 | 019781-32-9 | 27 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

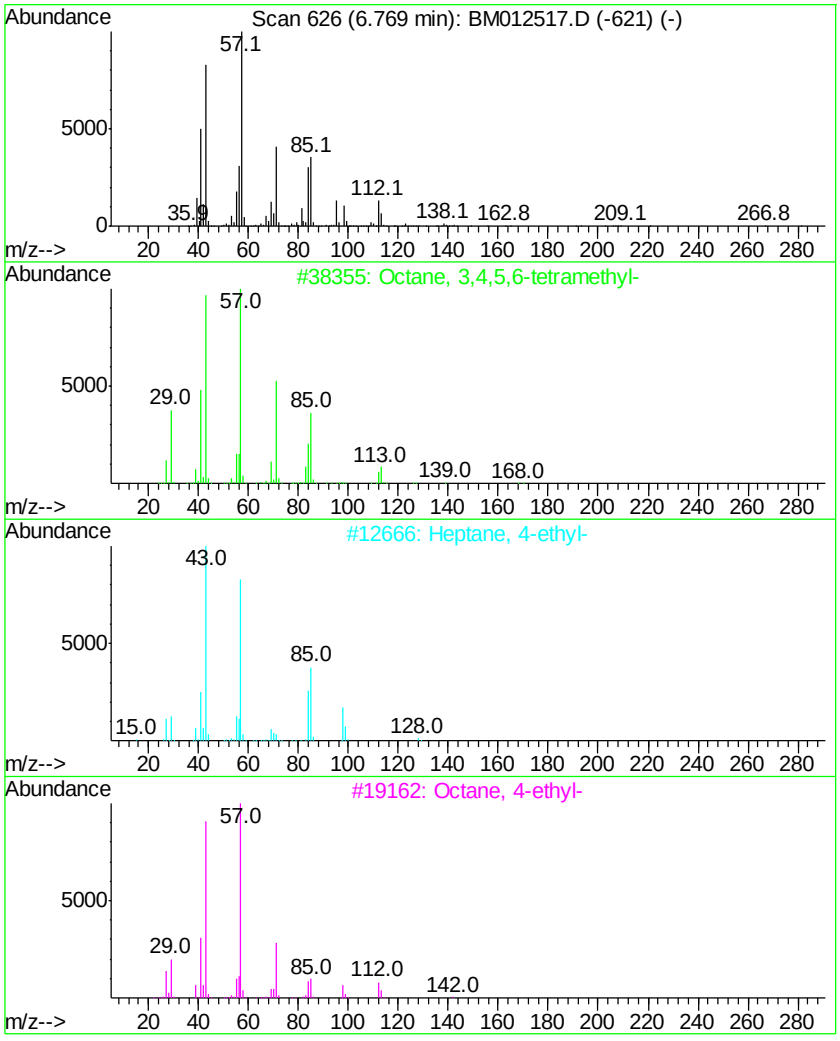
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

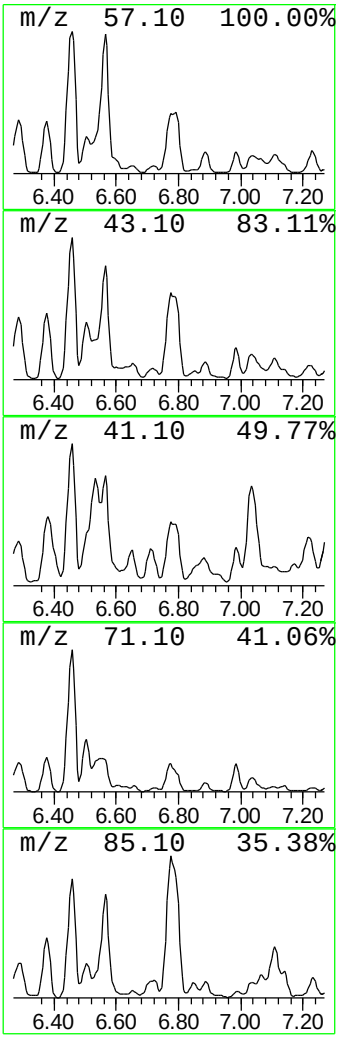
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.77 | 9.46 ng/ul | 48262200 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 3,4,5,6-tetramethyl- | 170 | C12H26 | 062185-21-1 | 50 |
| 2 | Heptane, 4-ethyl- | 128 | C9H20 | 002216-32-2 | 50 |
| 3 | Octane, 4-ethyl- | 142 | C10H22 | 015869-86-0 | 46 |
| 4 | Heptane, 2,3-dimethyl- | 128 | C9H20 | 003074-71-3 | 41 |
| 5 | Hexane, 2,3,4-trimethyl- | 128 | C9H20 | 000921-47-1 | 38 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

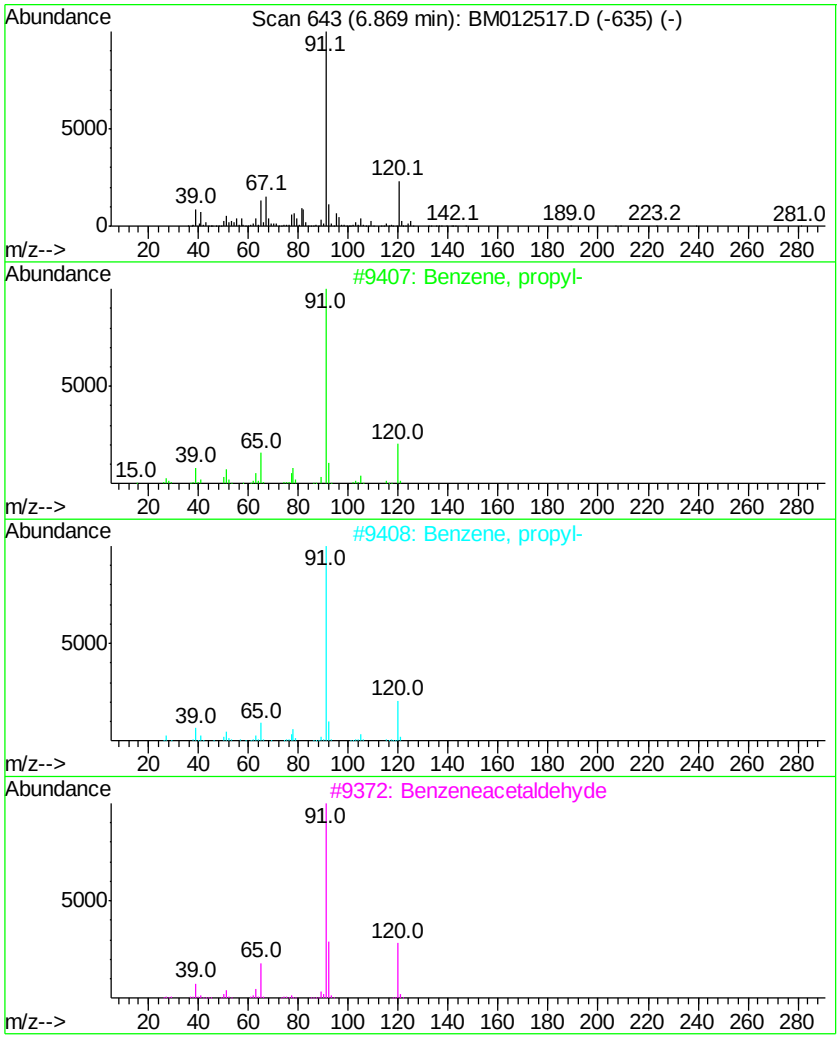
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

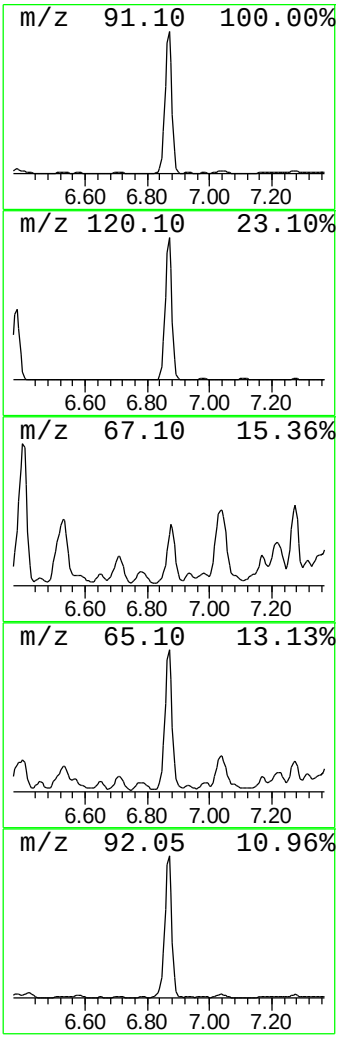
**********

Peak Number 27 Benzene, propyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.87 | 9.51 ng/ul | 48526100 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 60 |
| 3 | Benzeneacetaldehyde | 120 | C8H8O | 000122-78-1 | 50 |
| 4 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 49 |
| 5 | Phenethylamine, N-benzyl-p-chloro- | 245 | C15H16ClN | 013622-43-0 | 47 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

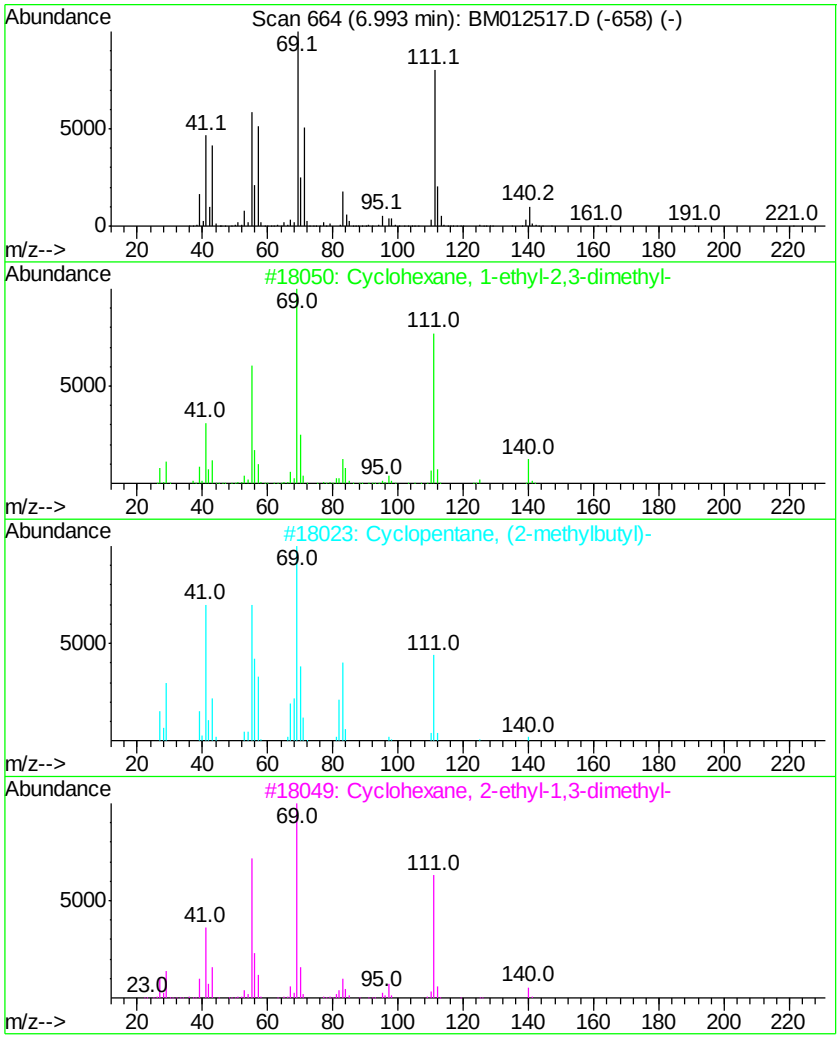
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

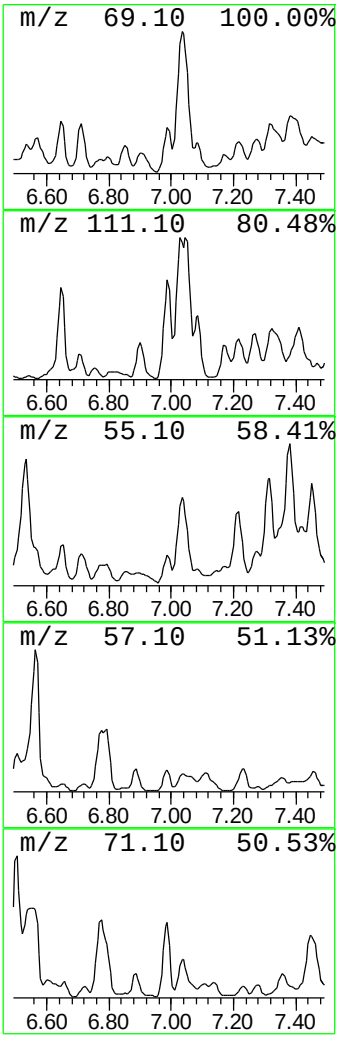
**********

Peak Number 28 (DEL) Alkane: Cyclic6.99 Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.99 | 4.29 ng/ul | 21895800 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-2,3-dimethyl- | 140 | C10H20 | 007058-05-1 | 62 |
| 2 | Cyclopentane, (2-methylbutyl)- | 140 | C10H20 | 053366-38-4 | 50 |
| 3 | Cyclohexane, 2-ethyl-1,3-dimethyl- | 140 | C10H20 | 007045-67-2 | 46 |
| 4 | 3-Heptene, 4-methyl- | 112 | C8H16 | 004485-16-9 | 45 |
| 5 | 2-Hexene, 2,5-dimethyl- | 112 | C8H16 | 003404-78-2 | 38 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

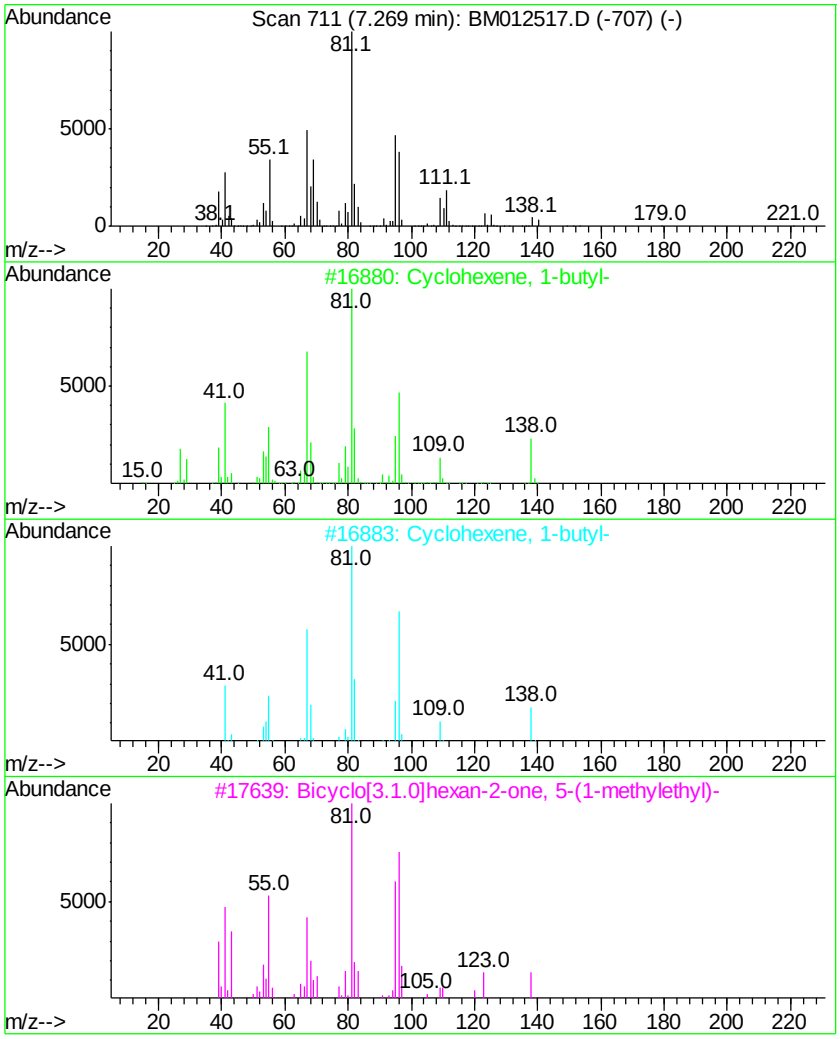
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

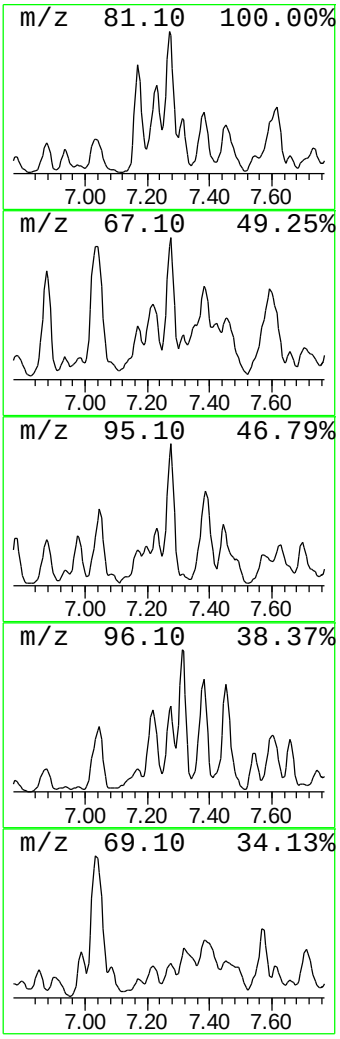
**********

Peak Number 29 Cyclohexene, 1-butyl- Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.27 | 4.83 ng/ul | 24651400 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 1-butyl- | 138 | C10H18 | 003282-53-9 | 70 |
| 2 | Cyclohexene, 1-butyl- | 138 | C10H18 | 003282-53-9 | 58 |
| 3 | Bicyclo[3.1.0]hexan-2-one, 5-(1-... | 138 | C9H14O | 000513-20-2 | 58 |
| 4 | Cyclohexene, 4-methyl-1-(1-methy... | 138 | C10H18 | 000500-00-5 | 58 |
| 5 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 53 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

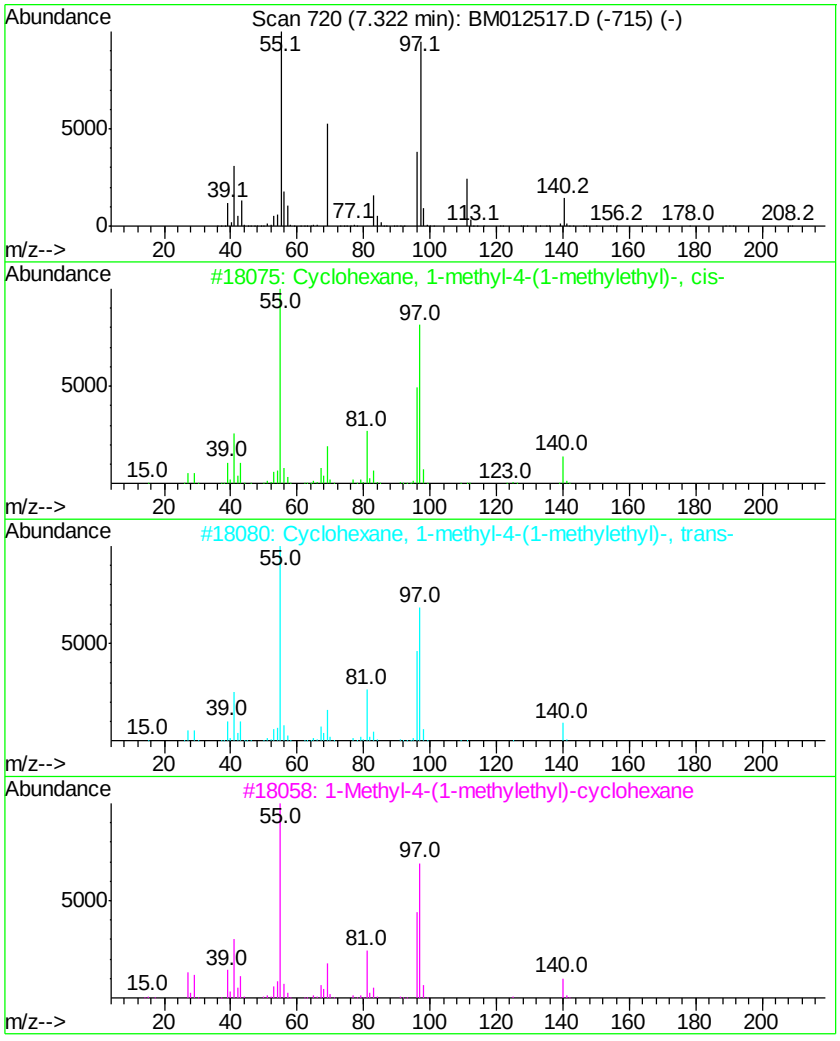
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

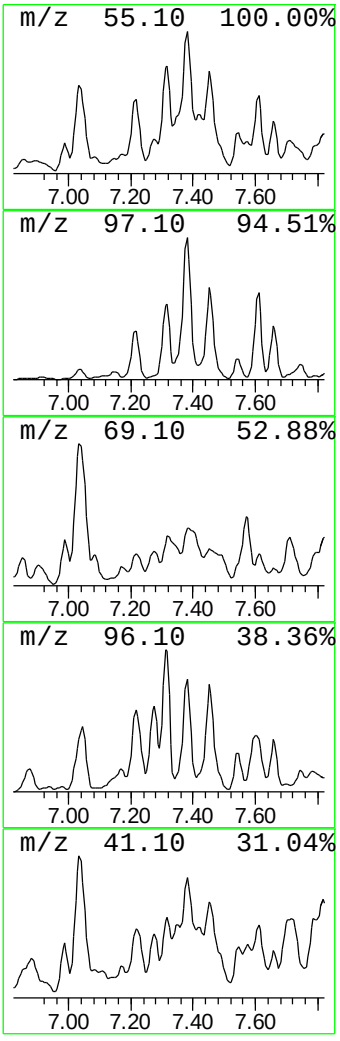
**********

Peak Number 30 (DEL) Alkane: Cyclic7.32 Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.32 | 4.33 ng/ul | 22078700 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 87 |
| 2 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 001678-82-6 | 83 |
| 3 | 1-Methyl-4-(1-methylethyl)-cyclo... | 140 | C10H20 | 000099-82-1 | 80 |
| 4 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 001678-82-6 | 80 |
| 5 | m-Menthane, (1S,3S)-(+)- | 140 | C10H20 | 013837-67-7 | 72 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

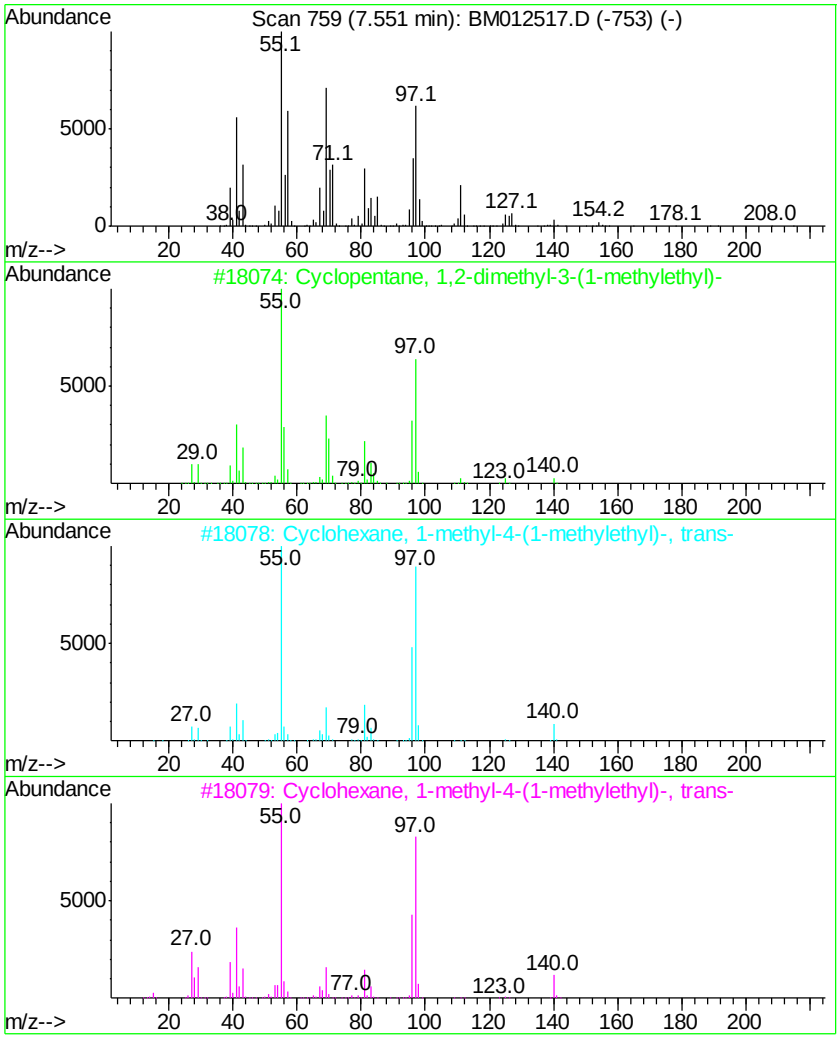
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

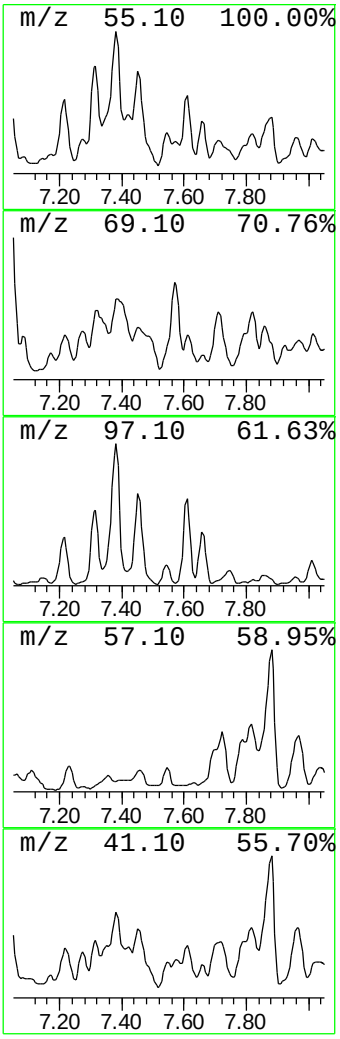
**********

Peak Number 31 (DEL) Alkane: Cyclic7.55 Concentration Rank 61

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.55 | 3.33 ng/ul | 16999200 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1,2-dimethyl-3-(1-... | 140 | C10H20 | 000489-20-3 | 43 |
| 2 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 001678-82-6 | 38 |
| 3 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 001678-82-6 | 38 |
| 4 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 38 |
| 5 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-77-7 | 38 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

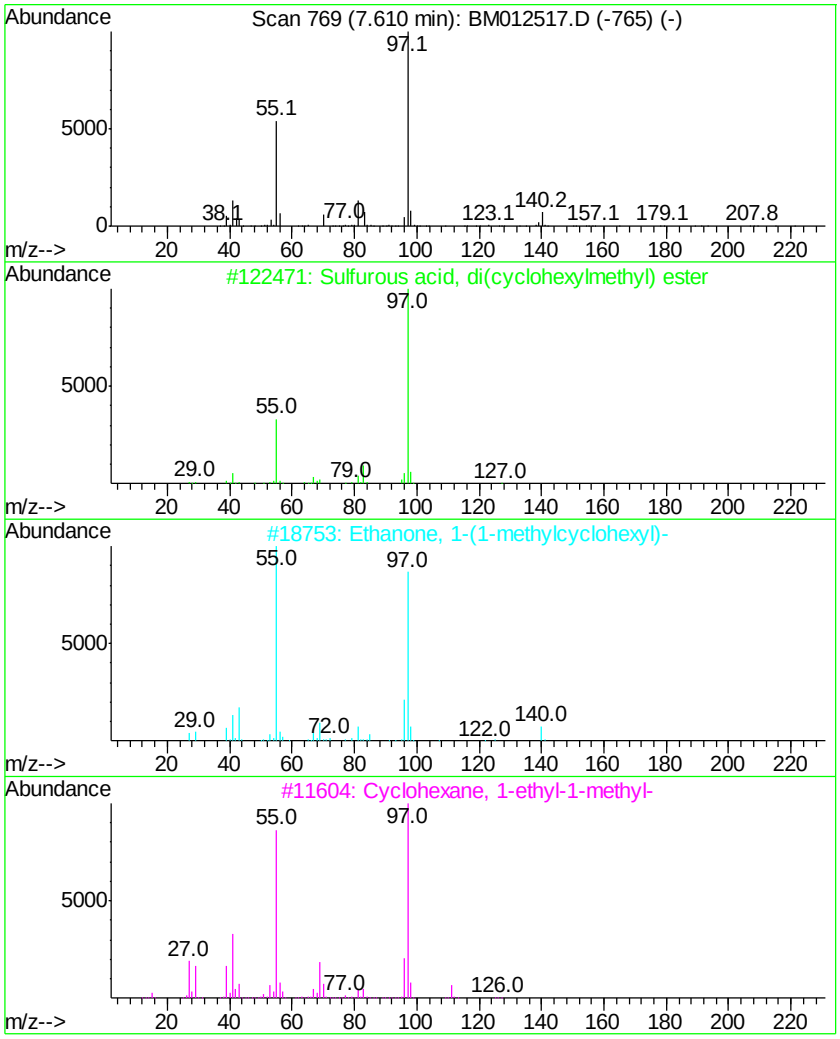
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

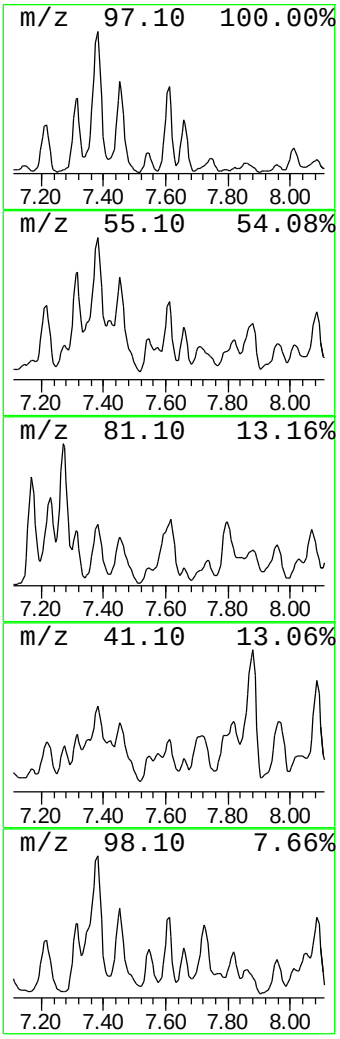
**********

Peak Number 32 Sulfurous acid, di(cyclohex... Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.61 | 5.29 ng/ul | 26966400 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, di(cyclohexylmet... | 274 | C14H26O3S | 1000309-22-7 | 64 |
| 2 | Ethanone, 1-(1-methylcyclohexyl)- | 140 | C9H16O | 002890-62-2 | 64 |
| 3 | Cyclohexane, 1-ethyl-1-methyl- | 126 | C9H18 | 004926-90-3 | 56 |
| 4 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 001678-82-6 | 47 |
| 5 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 47 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

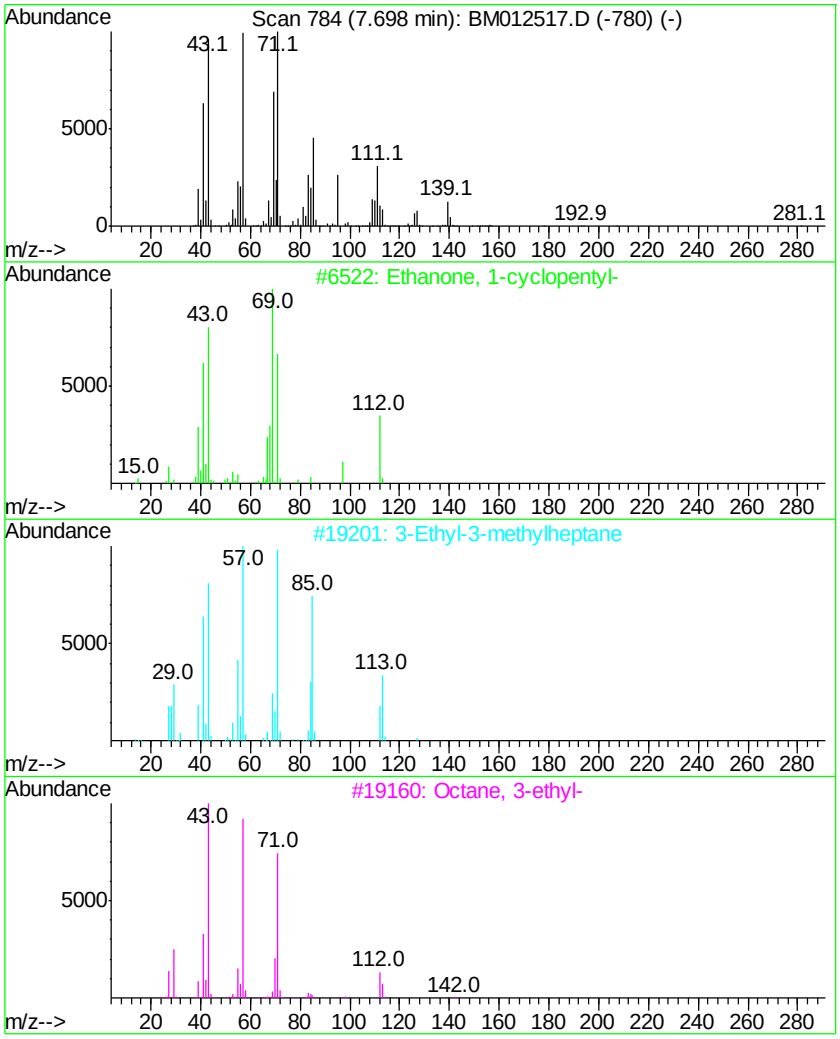
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

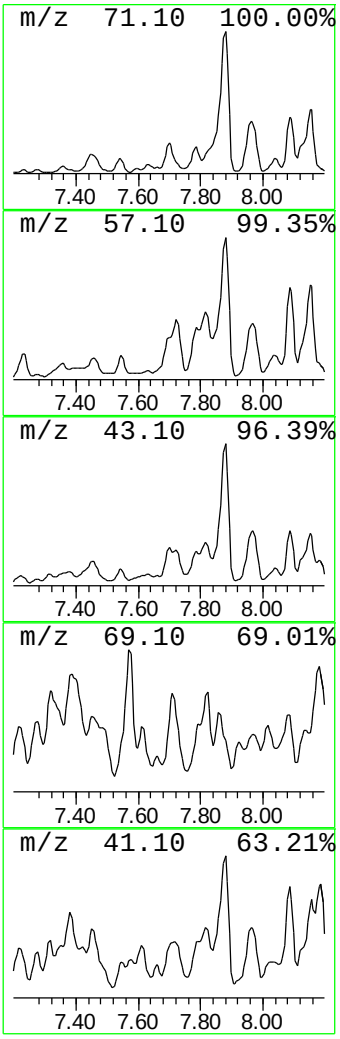
**********

Peak Number 33 unknown-03 Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.70 | 7.18 ng/ul | 36601300 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-cyclopentyl- | 112 | C7H12O | 006004-60-0 | 35 |
| 2 | 3-Ethyl-3-methylheptane | 142 | C10H22 | 017302-01-1 | 30 |
| 3 | Octane, 3-ethyl- | 142 | C10H22 | 005881-17-4 | 25 |
| 4 | Cyclopropanecarboxamide, N-metha... | 139 | C8H13NO | 1000340-05-6 | 22 |
| 5 | Octane, 3,4,5,6-tetramethyl- | 170 | C12H26 | 062185-21-1 | 22 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

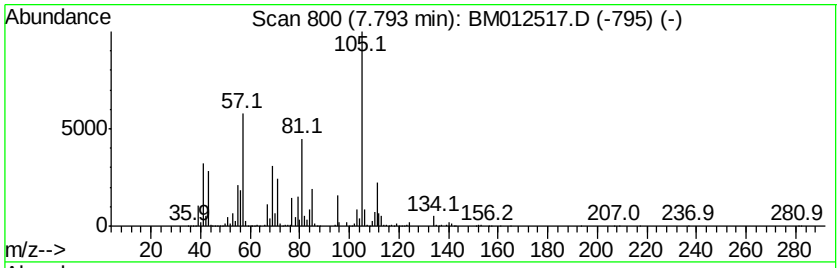
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

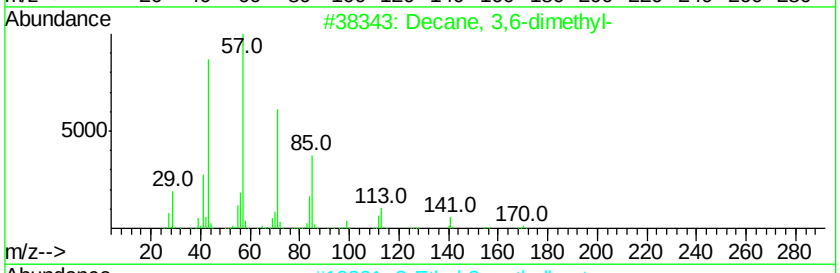
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

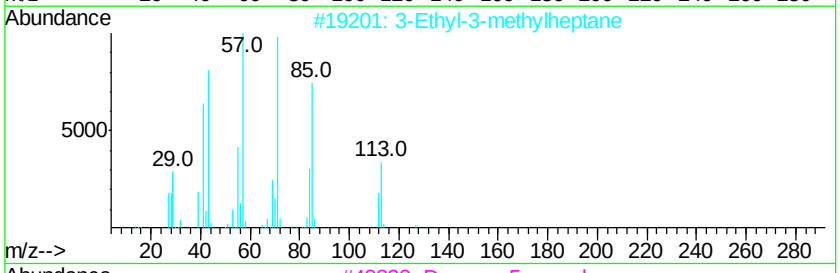
**********
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 44

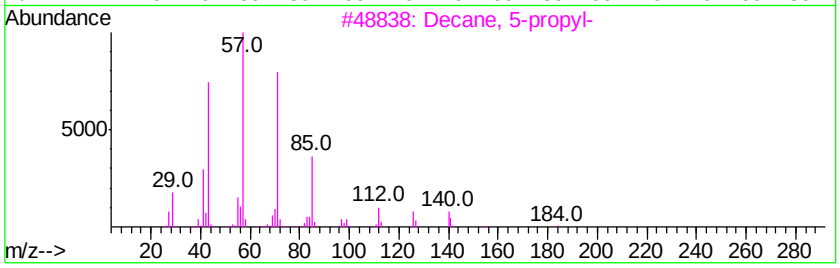
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.79 | 5.69 ng/ul | 29033200 | 1,4-Dichlorobenzene-d4 | 7.88 |

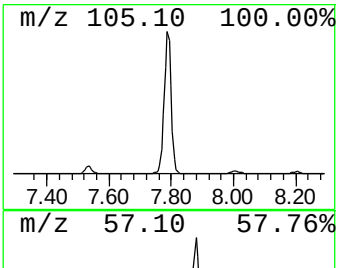
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3,6-dimethyl- | 170 | C12H26 | 017312-53-7 | 35 |
| 2 | 3-Ethyl-3-methylheptane | 142 | C10H22 | 017302-01-1 | 35 |
| 3 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 27 |
| 4 | 3-Ethyl-3-methylheptane | 142 | C10H22 | 017302-01-1 | 27 |
| 5 | Decane, 3-bromo- | 220 | C10H21Br | 030571-71-2 | 22 |

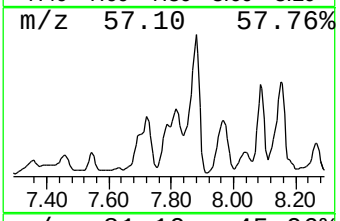


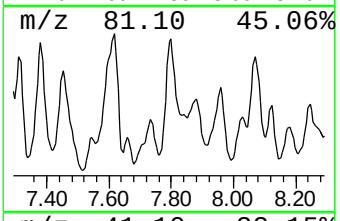



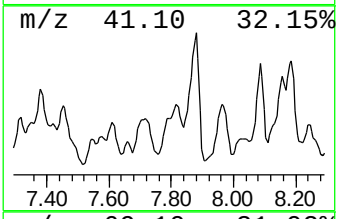



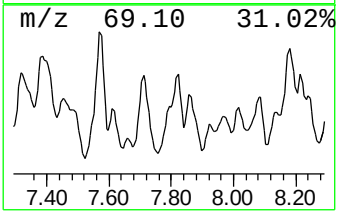



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

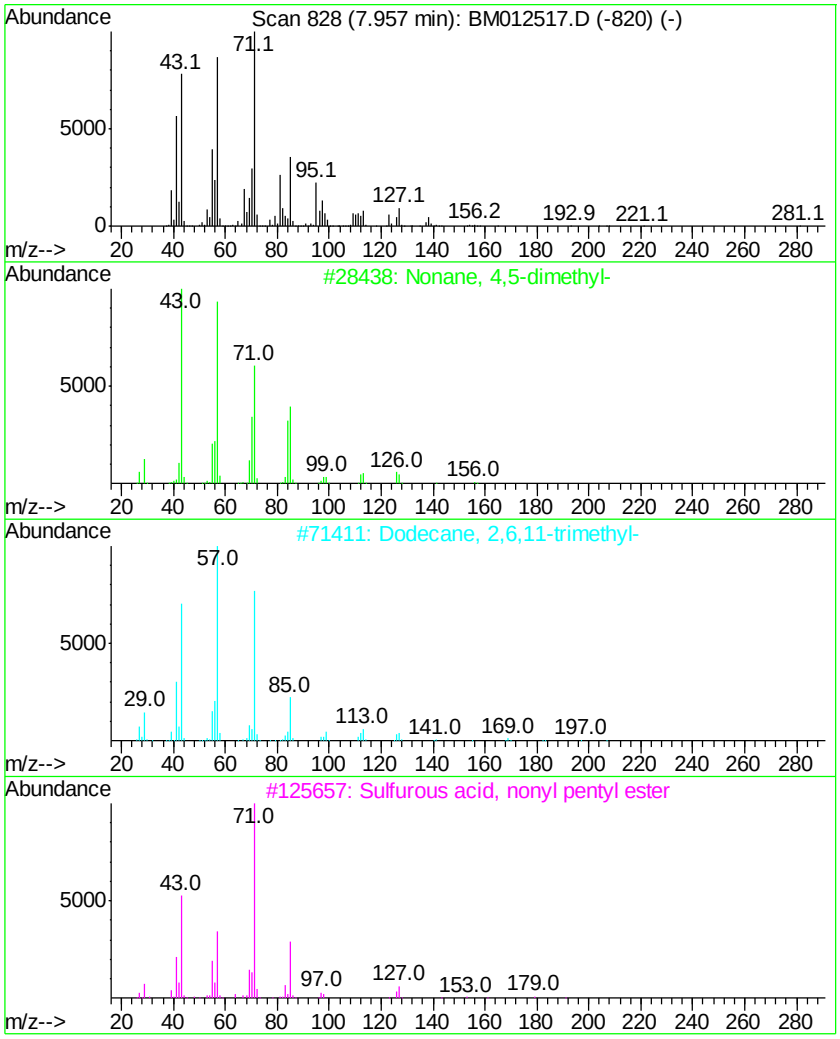
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

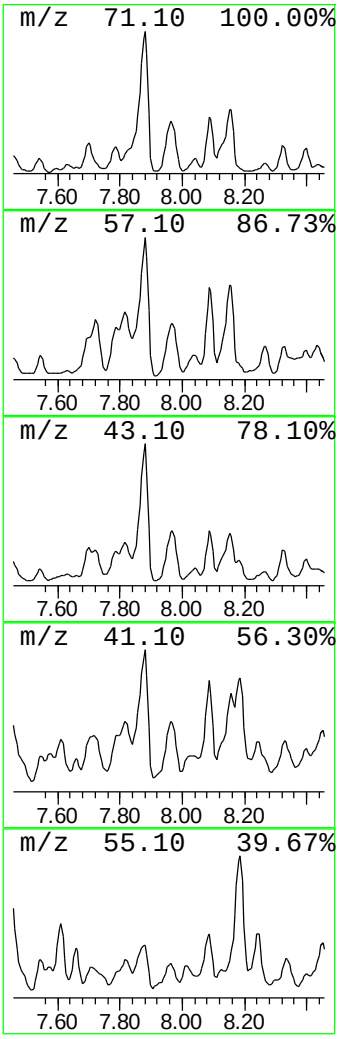
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.96 | 9.32 ng/ul | 47535000 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 4,5-dimethyl- | 156 | C11H24 | 017302-23-7 | 60 |
| 2 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 59 |
| 3 | Sulfurous acid, nonyl pentyl ester | 278 | C14H30O3S | 1000309-14-2 | 50 |
| 4 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 50 |
| 5 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 50 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

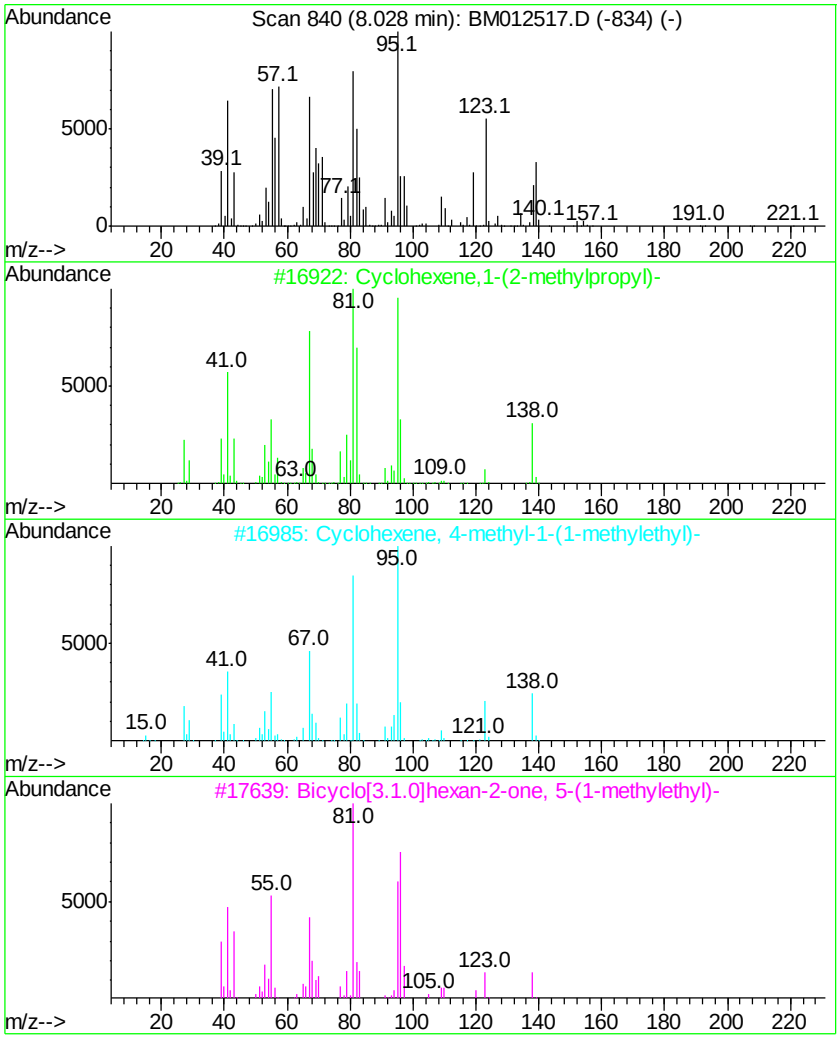
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

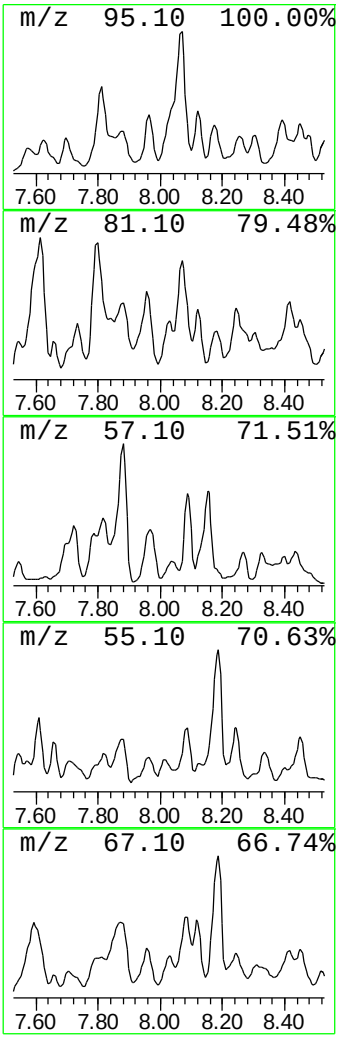
**********

Peak Number 36 Cyclohexene,1-(2-methylprop... Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.03 | 5.04 ng/ul | 25696300 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene,1-(2-methylpropyl)- | 138 | C10H18 | 003983-03-7 | 83 |
| 2 | Cyclohexene, 4-methyl-1-(1-methy... | 138 | C10H18 | 000500-00-5 | 52 |
| 3 | Bicyclo[3.1.0]hexan-2-one, 5-(1-... | 138 | C9H14O | 000513-20-2 | 50 |
| 4 | Cyclopentane, 1-methyl-3-(2-meth... | 138 | C10H18 | 075873-01-7 | 49 |
| 5 | Naphthalene, decahydro-, cis- | 138 | C10H18 | 000493-01-6 | 46 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

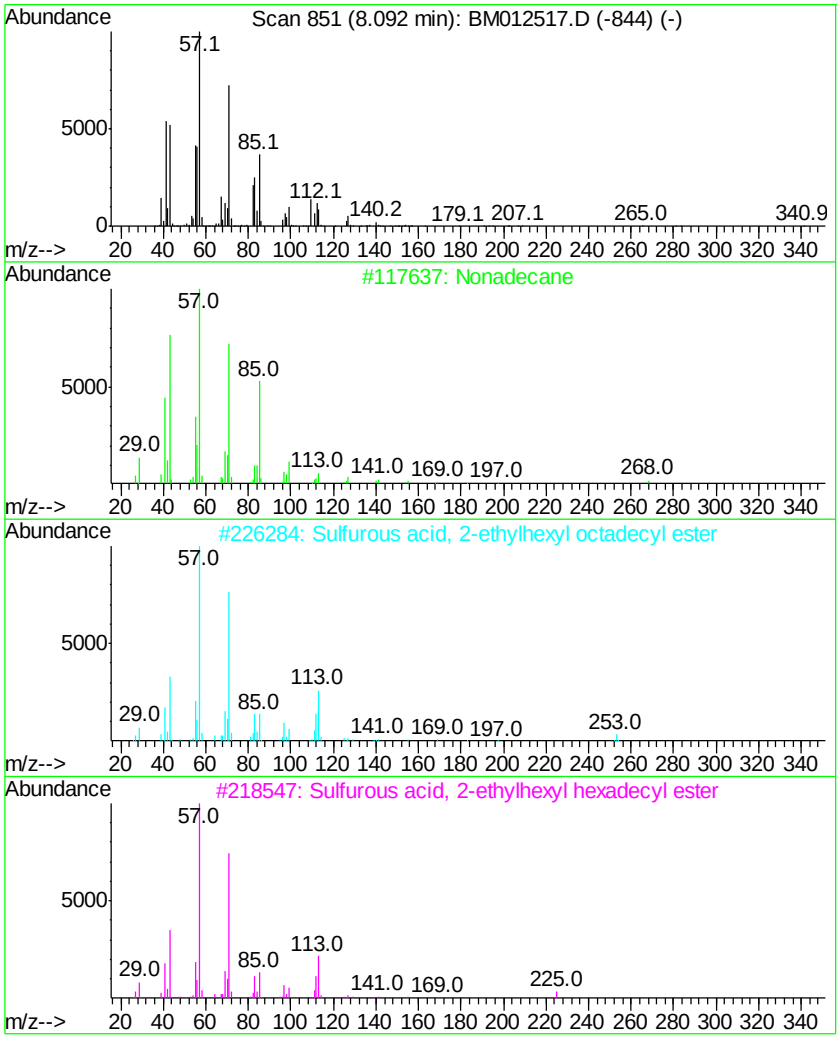
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

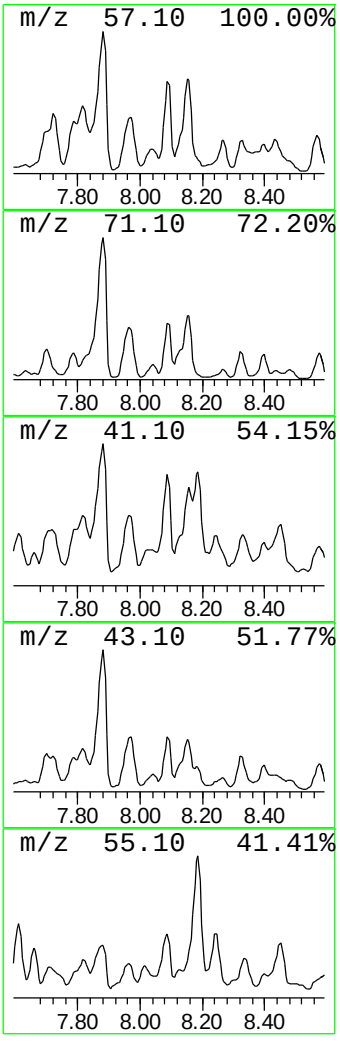
**********

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.09 | 12.78 ng/ul | 65173600 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 49 |
| 2 | Sulfurous acid, 2-ethylhexyl oct... | 446 | C26H54O3S | 1000309-20-1 | 47 |
| 3 | Sulfurous acid, 2-ethylhexyl hex... | 418 | C24H50O3S | 1000309-19-9 | 43 |
| 4 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 43 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 38 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

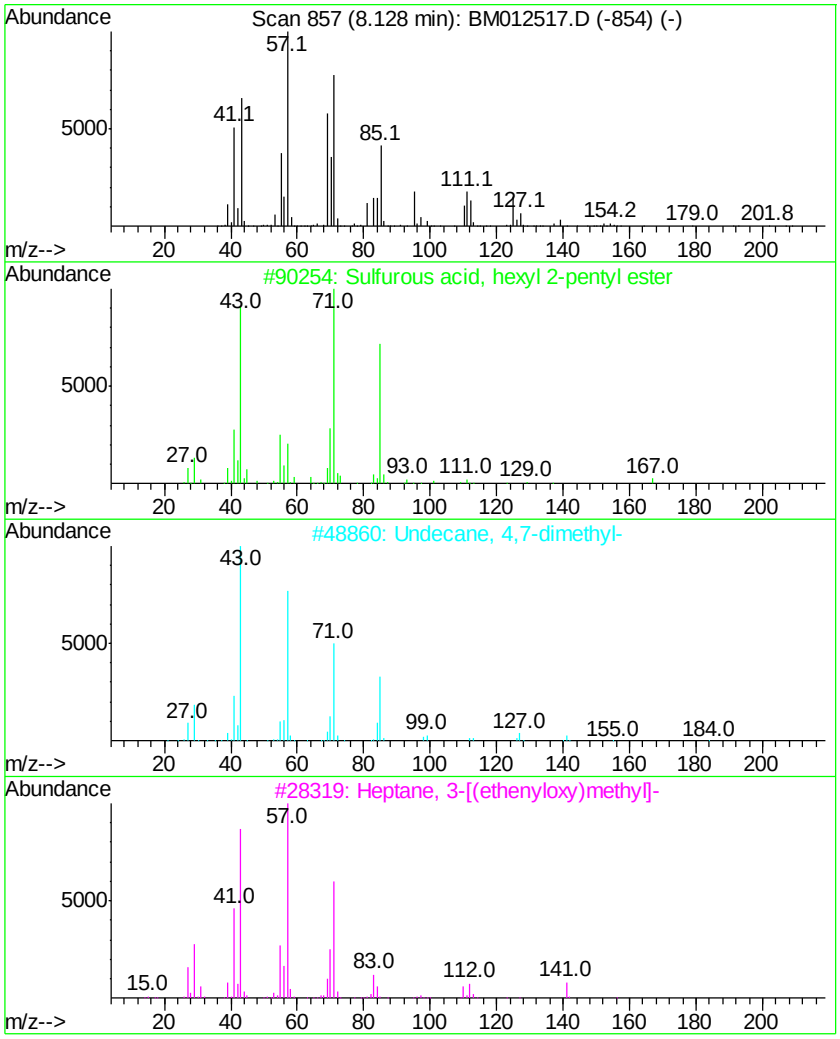
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

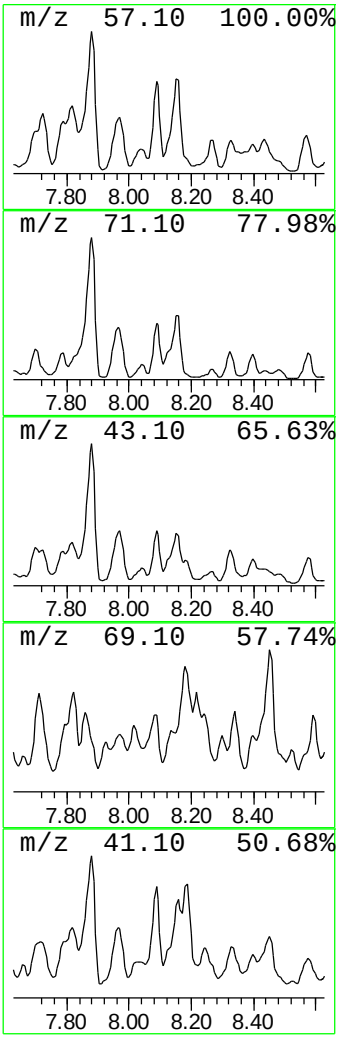
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 Sulfurous acid, hexyl 2-pen... Concentration Rank 59

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.13 | 3.57 ng/ul | 18229700 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, hexyl 2-pentyl e... | 236 | C11H24O3S | 1000309-15-6 | 53 |
| 2 | Undecane, 4,7-dimethyl- | 184 | C13H28 | 017301-32-5 | 53 |
| 3 | Heptane, 3-[(ethenyloxy)methyl]- | 156 | C10H20O | 000103-44-6 | 50 |
| 4 | Sulfurous acid, hexyl pentyl ester | 236 | C11H24O3S | 1000309-14-1 | 50 |
| 5 | Oxalic acid, 2-ethylhexyl hexyl ... | 286 | C16H30O4 | 1000309-38-9 | 50 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

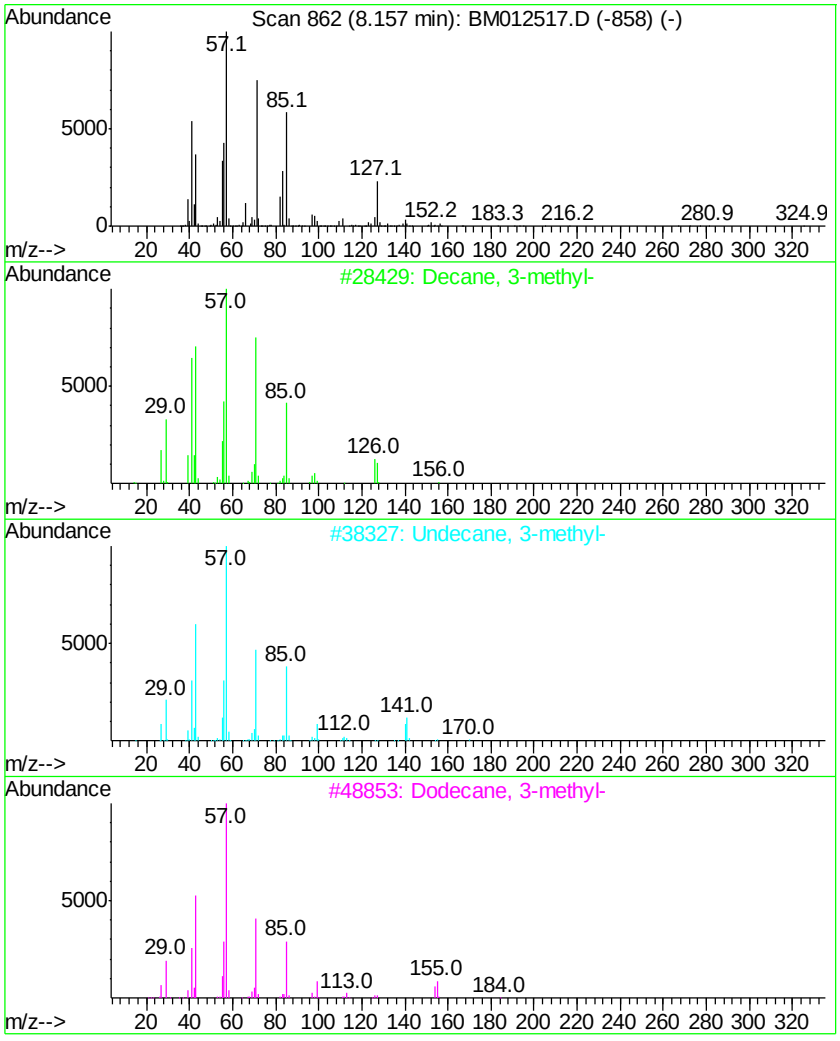
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

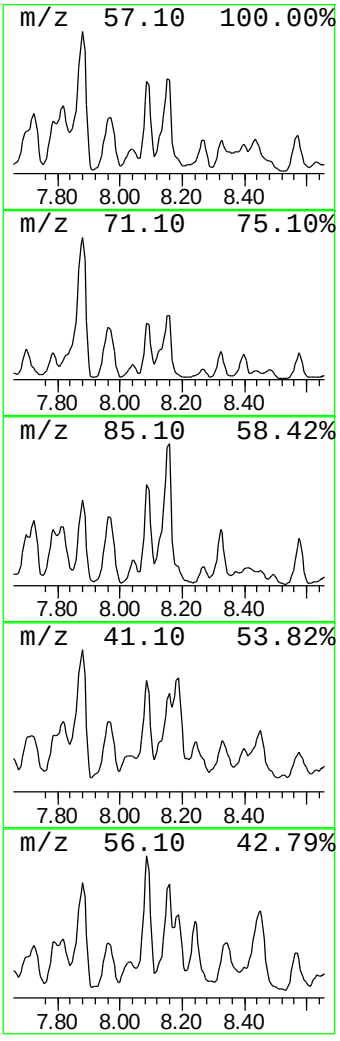
**********

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.16 | 7.69 ng/ul | 39229600 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 62 |
| 2 | Undecane, 3-methyl- | 170 | C12H26 | 001002-43-3 | 59 |
| 3 | Dodecane, 3-methyl- | 184 | C13H28 | 017312-57-1 | 50 |
| 4 | 1-Pentanol, 4-methyl-2-propyl- | 144 | C9H20O | 054004-41-0 | 50 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 47 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

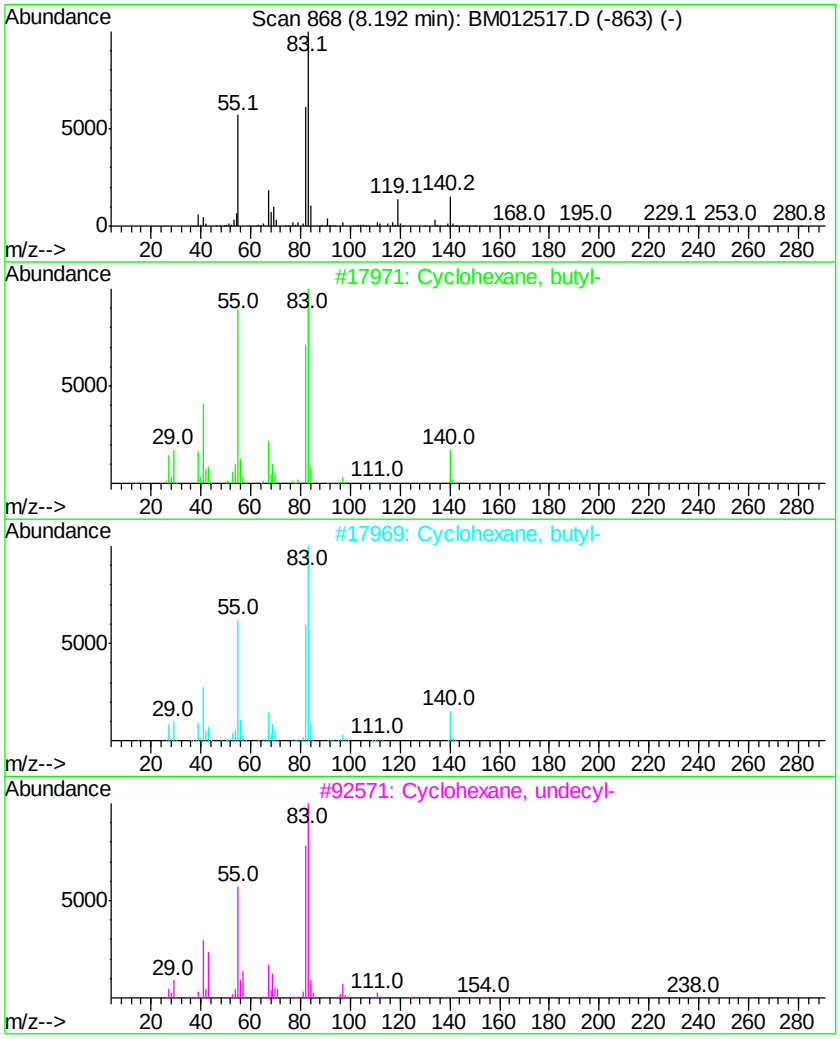
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

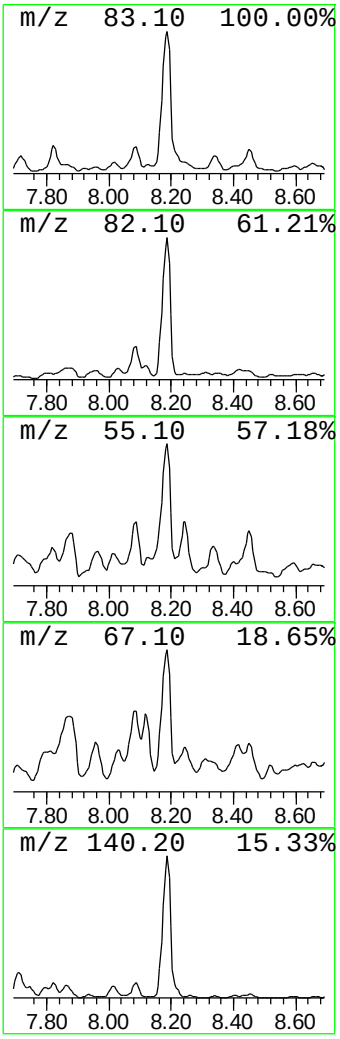
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 (DEL) Alkane: Cyclic8.19 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.19 | 15.89 ng/ul | 81066000 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 94 |
| 2 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 87 |
| 3 | Cyclohexane, undecyl- | 238 | C17H34 | 054105-66-7 | 78 |
| 4 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 78 |
| 5 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 78 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

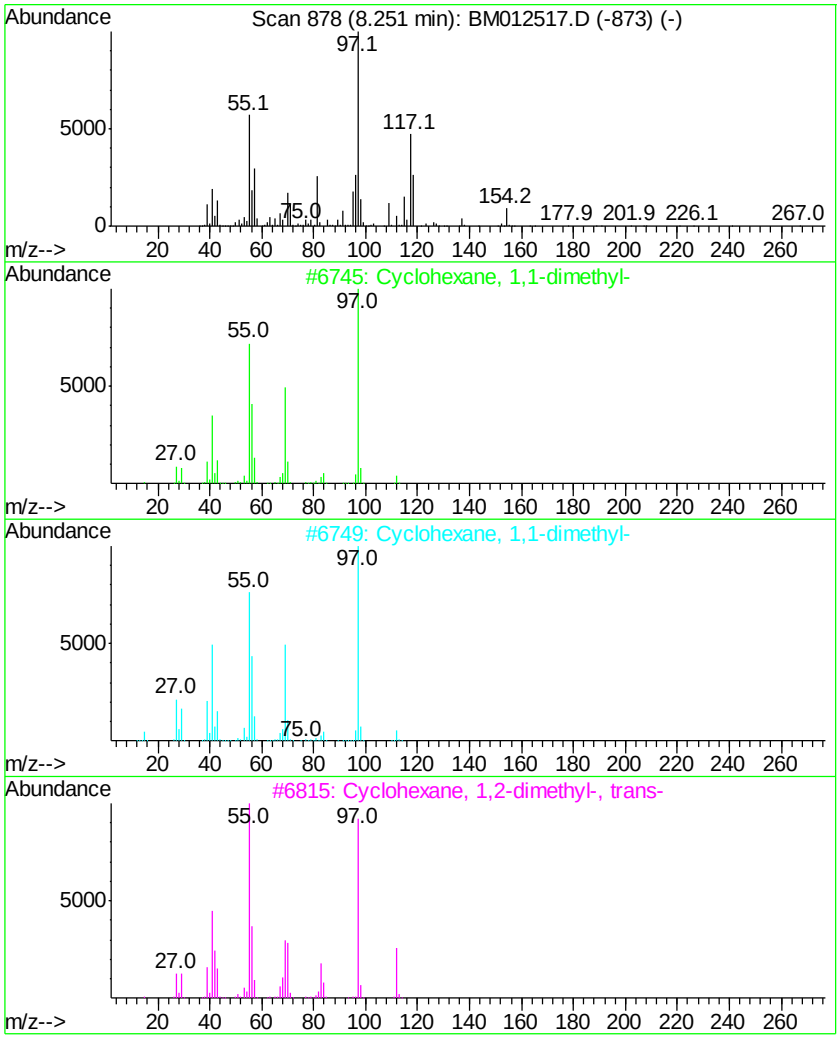
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

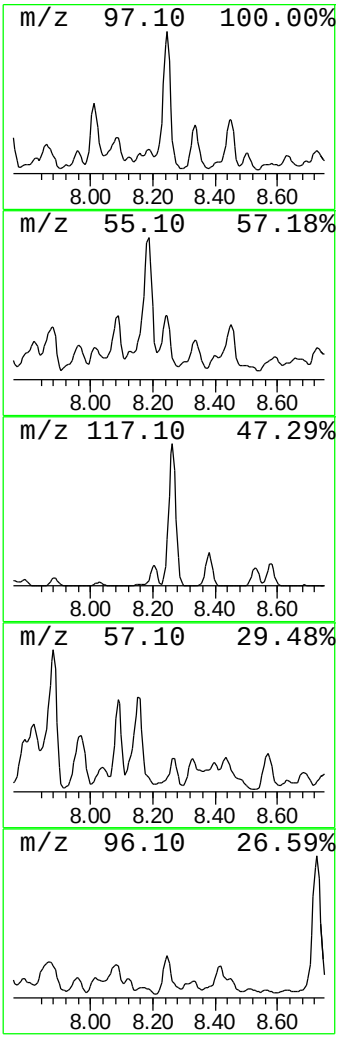
**********

Peak Number 41 (DEL) Alkane: Cyclic8.25 Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.25 | 7.28 ng/ul | 37121700 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1-dimethyl- | 112 | C8H16 | 000590-66-9 | 58 |
| 2 | Cyclohexane, 1,1-dimethyl- | 112 | C8H16 | 000590-66-9 | 50 |
| 3 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 50 |
| 4 | Cyclopentane, 1-hydroxymethyl-1,... | 128 | C8H16O | 1000156-73-8 | 50 |
| 5 | Cyclohexanone, 3-butyl- | 154 | C10H18O | 039178-69-3 | 50 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

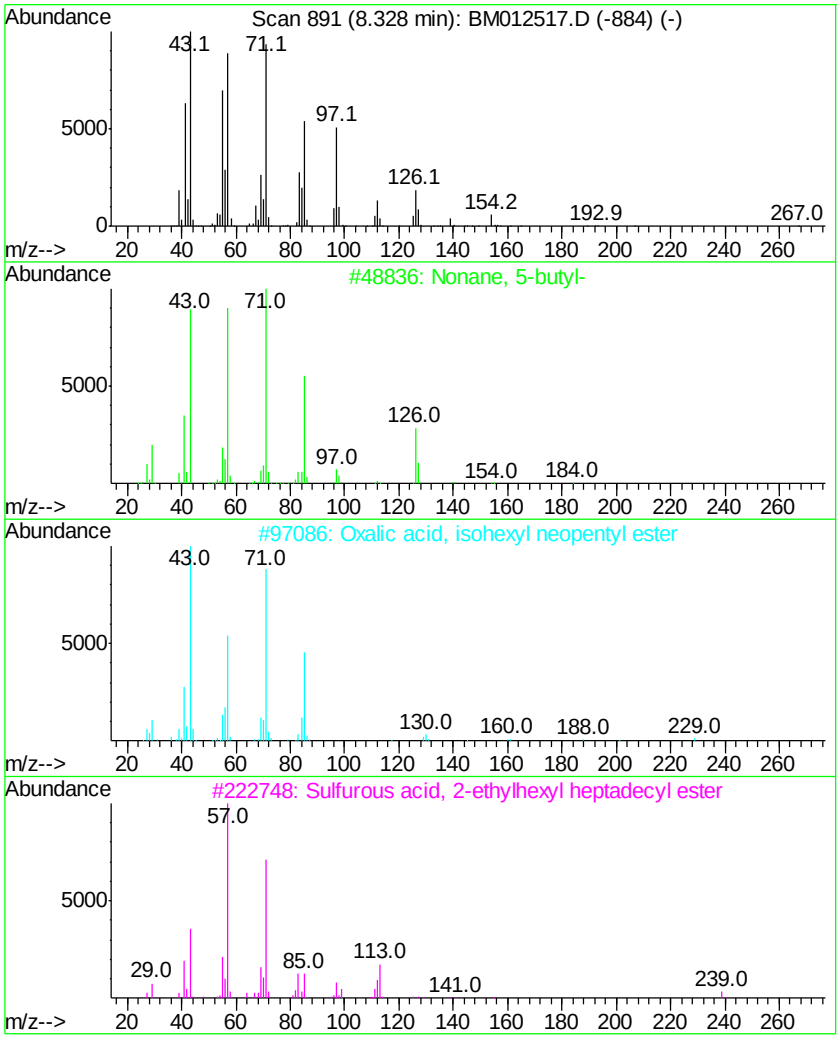
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

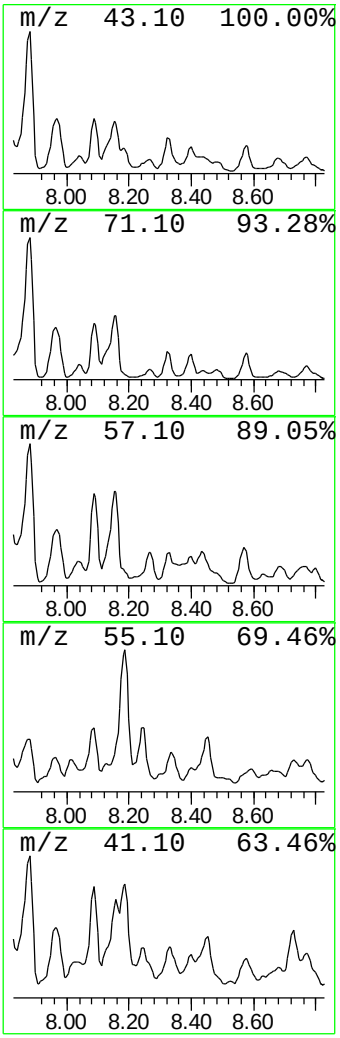
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.33 | 5.80 ng/ul | 29593000 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 47 |
| 2 | Oxalic acid, isohexyl neopentyl ... | 244 | C13H24O4 | 1000309-73-0 | 43 |
| 3 | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 43 |
| 4 | Hexane, 3,3-dimethyl- | 114 | C8H18 | 000563-16-6 | 43 |
| 5 | Pentane, 2,3,3-trimethyl- | 114 | C8H18 | 000560-21-4 | 38 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

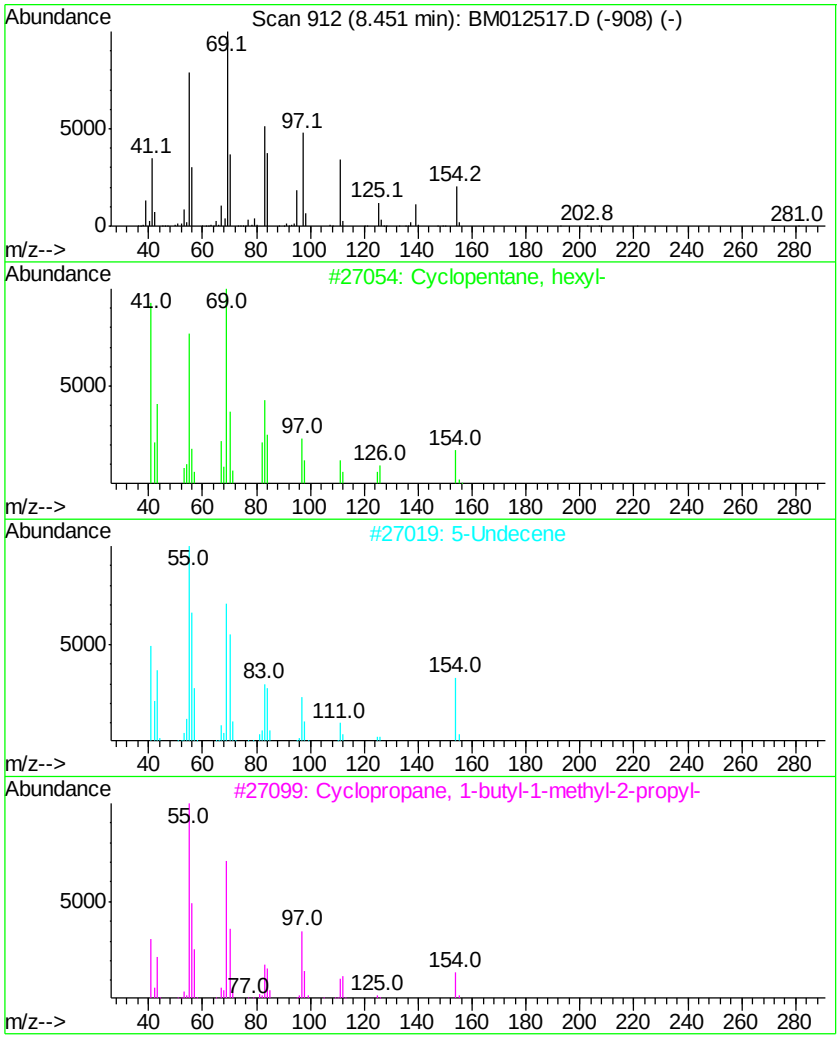
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

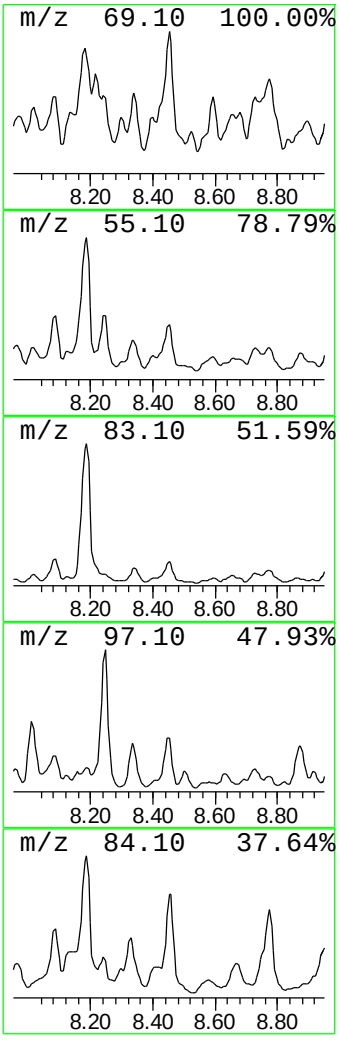
**********

Peak Number 44 (DEL) Alkane: Cyclic8.45 Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.45 | 7.23 ng/ul | 36897800 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, hexyl- | 154 | C11H22 | 004457-00-5 | 64 |
| 2 | 5-Undecene | 154 | C11H22 | 004941-53-1 | 59 |
| 3 | Cyclopropane, 1-butyl-1-methyl-2... | 154 | C11H22 | 041977-34-8 | 53 |
| 4 | 1-Ethyl-2,2,6-trimethylcyclohexane | 154 | C11H22 | 071186-27-1 | 52 |
| 5 | Cyclohexane, 1,2-diethyl-1-methyl- | 154 | C11H22 | 061141-79-5 | 47 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

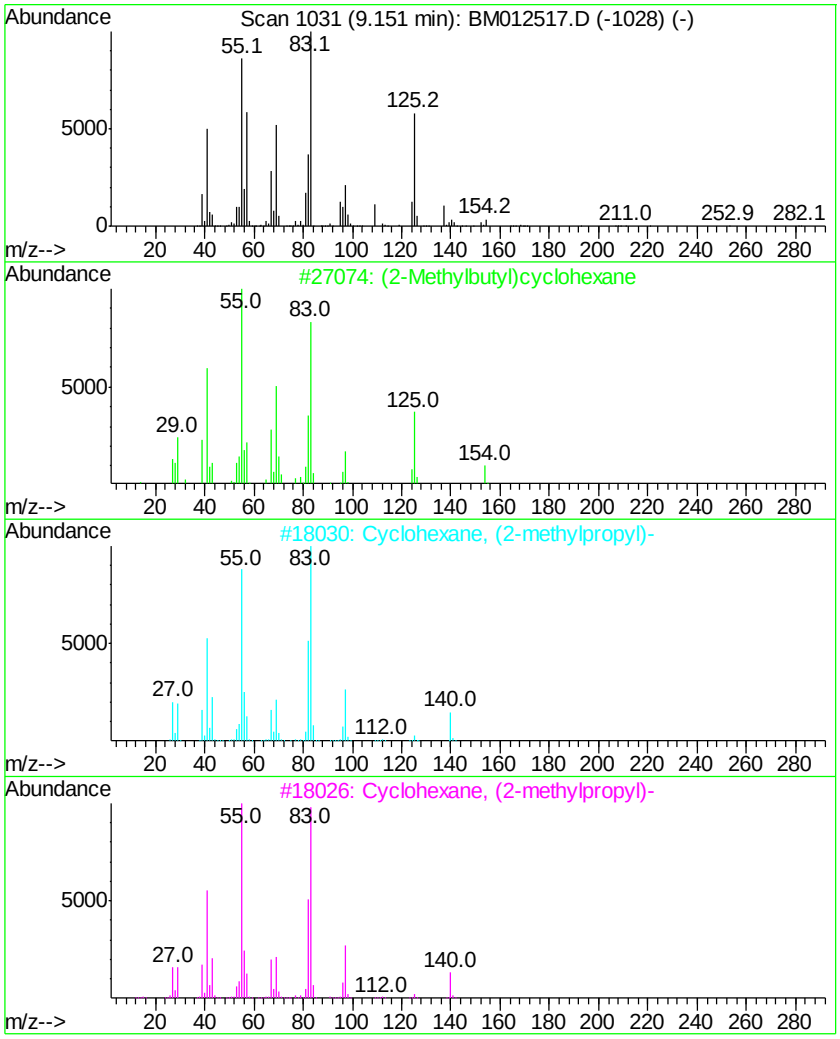
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

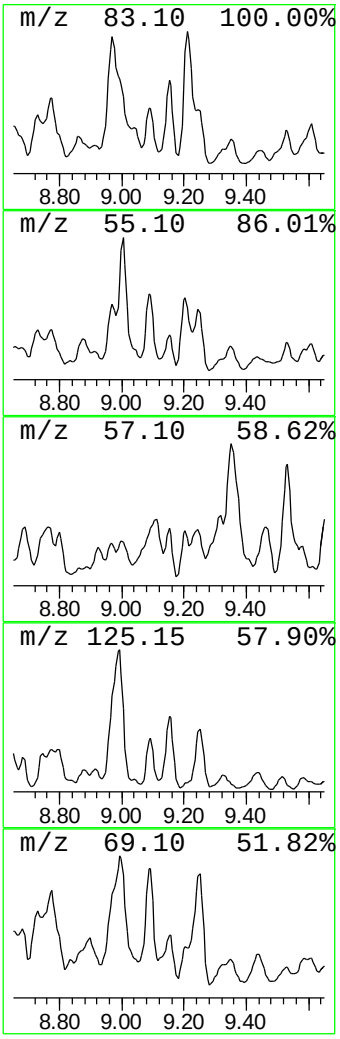
**********

Peak Number 48 (DEL) Alkane: Cyclic9.15 Concentration Rank 67

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.15 | 2.77 ng/ul | 14109000 | 1,4-Dichlorobenzene-d4 | 7.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (2-Methylbutyl)cyclohexane | 154 | C11H22 | 054105-77-0 | 59 |
| 2 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 47 |
| 3 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 47 |
| 4 | Bicyclo[3.1.1]heptan-3-one, 2,6,... | 152 | C10H16O | 000547-60-4 | 43 |
| 5 | 2,4-Pentadien-1-ol, 3-pentyl-, (... | 154 | C10H18O | 1000142-19-7 | 38 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

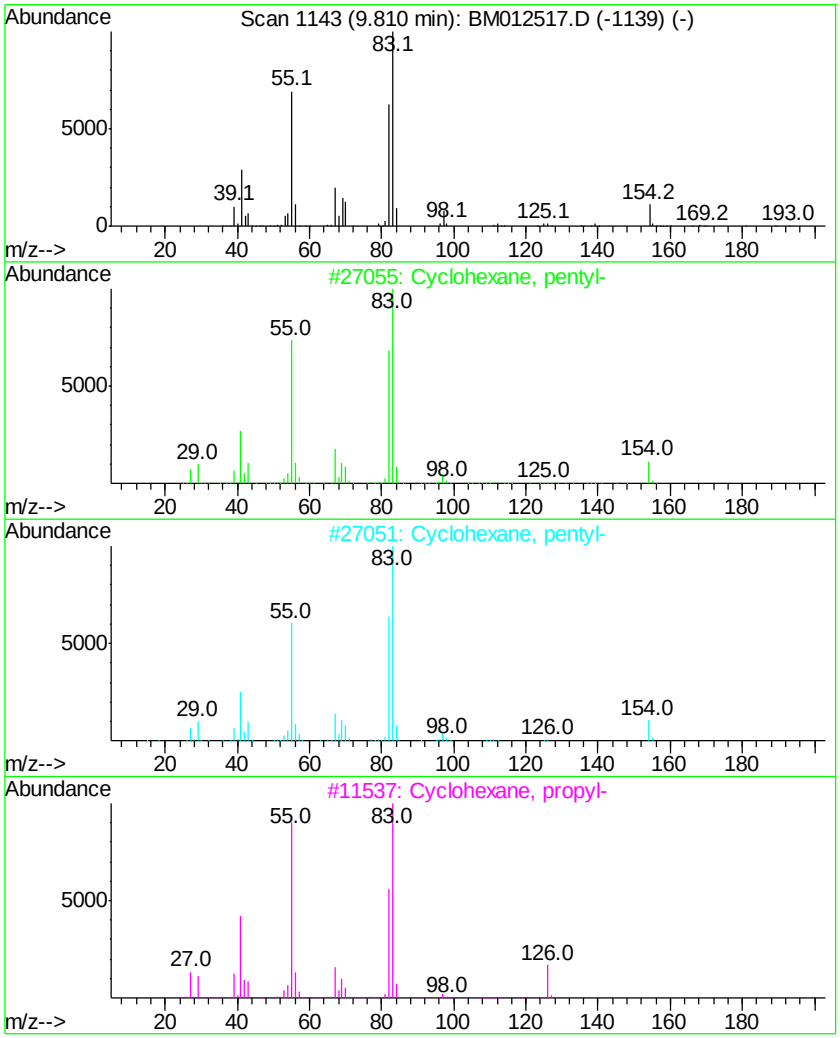
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

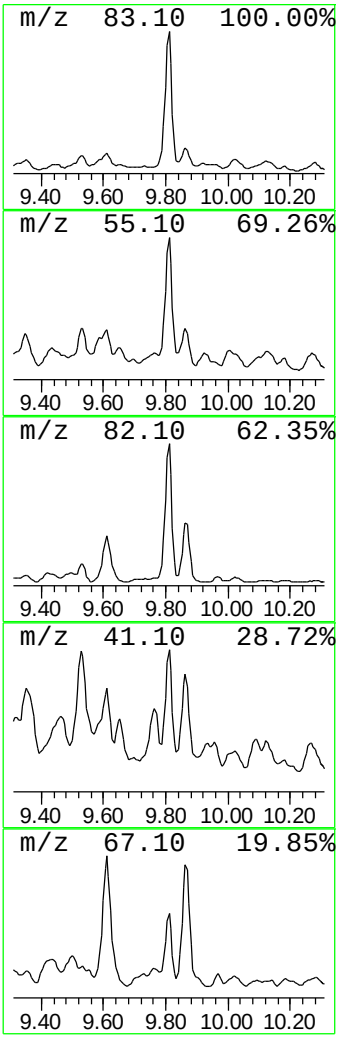
**********

Peak Number 54 (DEL) Alkane: Cyclic9.81 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.81 | 19.84 ng/ul | 21658100 | Naphthalene-d8 | 10.67 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 97 |
| 2 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 95 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 87 |
| 4 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 87 |
| 5 | Cyclohexane, undecyl- | 238 | C17H34 | 054105-66-7 | 86 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

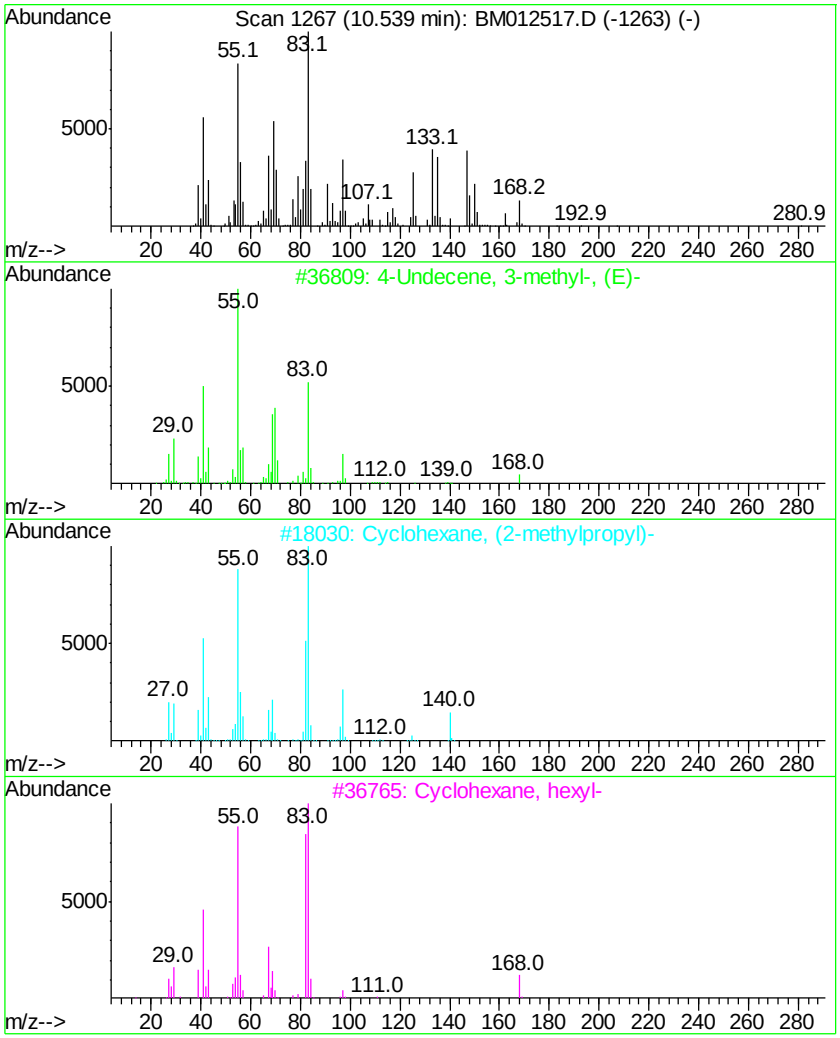
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

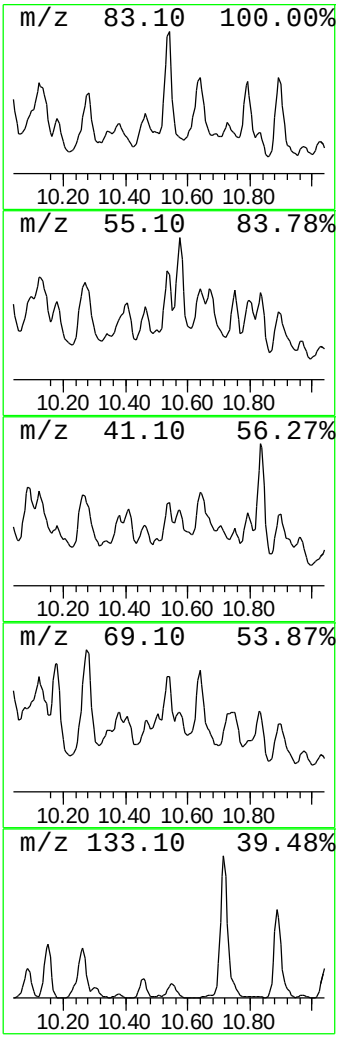
**********

Peak Number 60 (DEL) Alkane: Cyclic10.54 Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.54 | 6.28 ng/ul | 6857020 | Naphthalene-d8 | 10.67 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Undecene, 3-methyl-, (E)- | 168 | C12H24 | 074630-59-4 | 27 |
| 2 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 22 |
| 3 | Cyclohexane, hexyl- | 168 | C12H24 | 004292-75-5 | 22 |
| 4 | Imidazole, 2-acetamido- | 125 | C5H7N3O | 052737-49-2 | 22 |
| 5 | Cyclohexane, 2-propenyl- | 124 | C9H16 | 002114-42-3 | 18 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

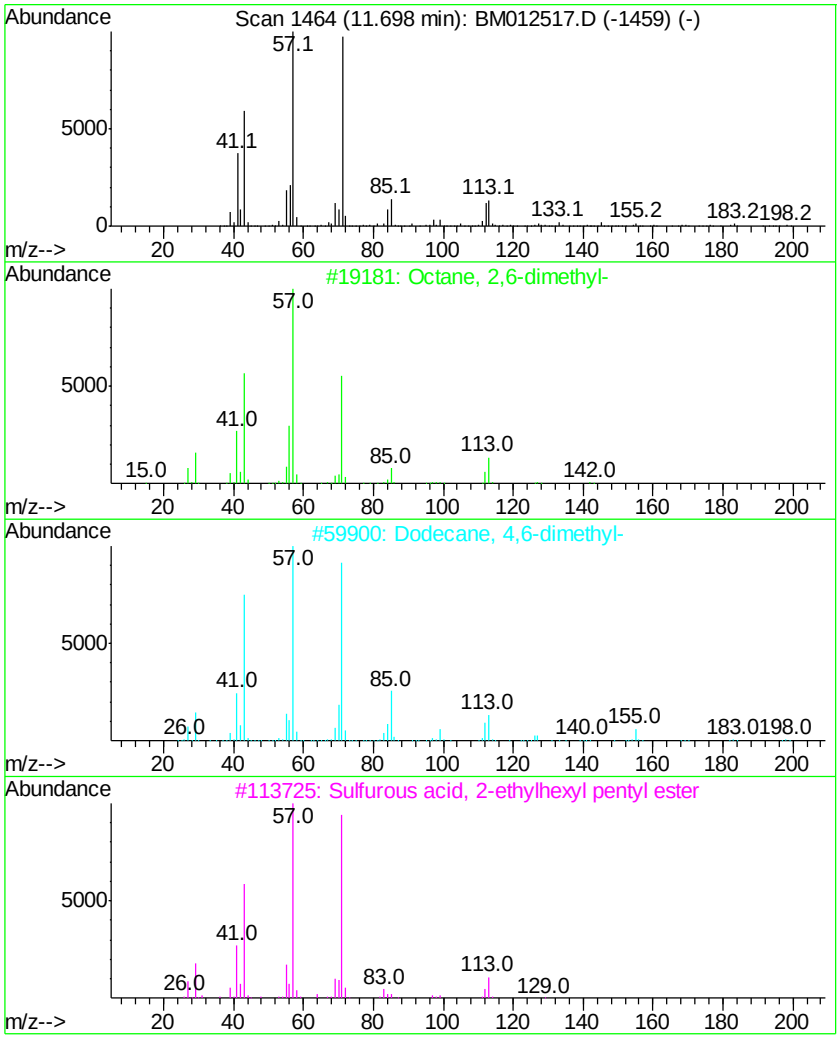
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

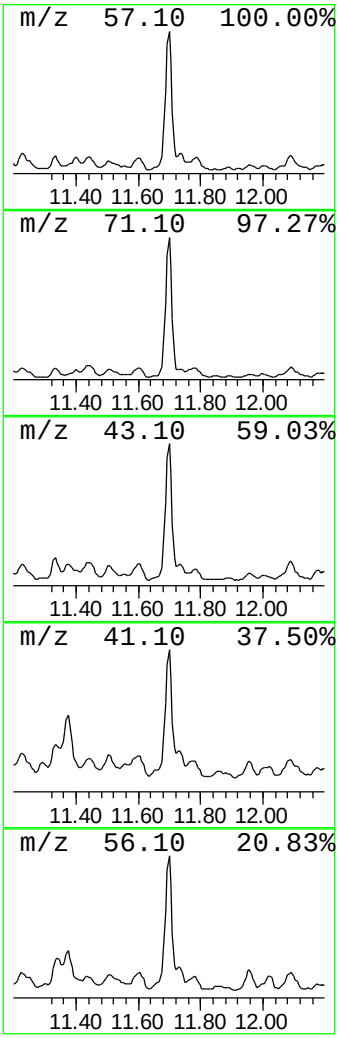
**********

Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.70 | 11.98 ng/ul | 13080500 | Naphthalene-d8 | 10.67 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 90 |
| 2 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 64 |
| 3 | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 64 |
| 4 | Sulfurous acid, octyl 2-propyl e... | 236 | C11H24O3S | 1000309-11-9 | 59 |
| 5 | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1000309-19-2 | 50 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

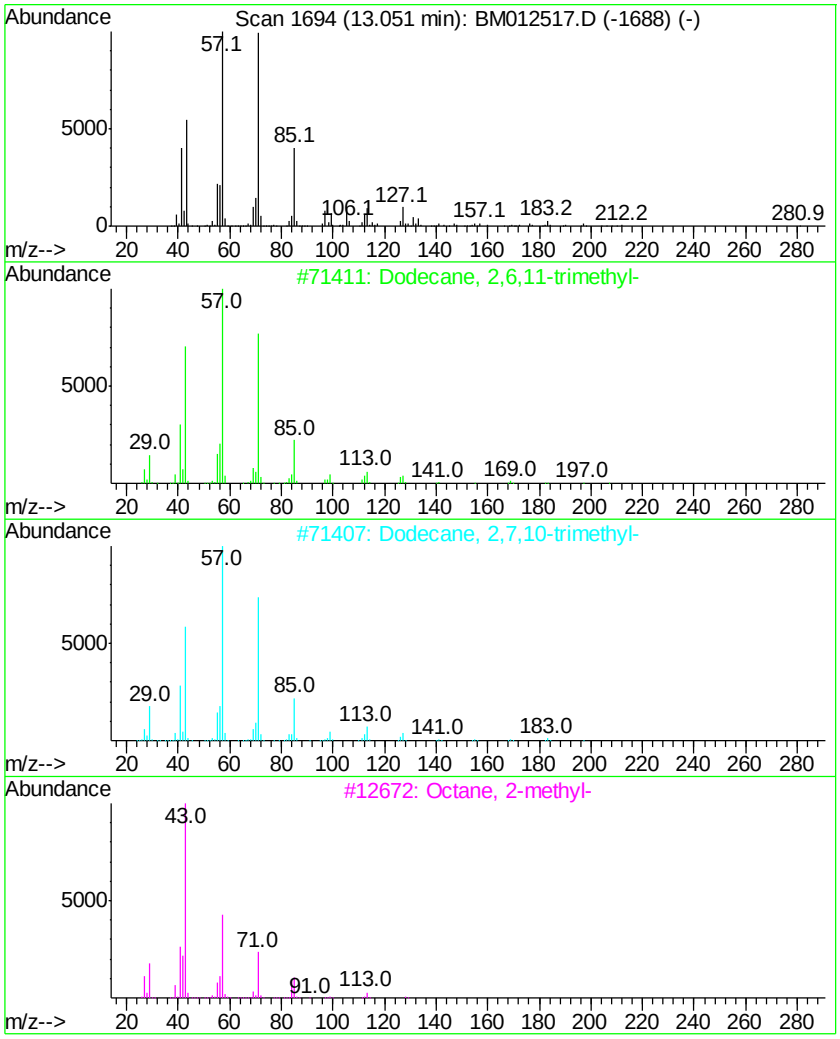
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

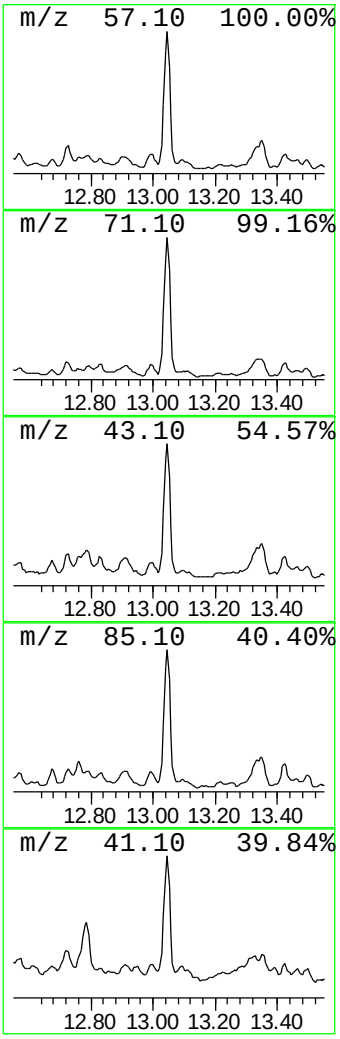
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.05 | 10.88 ng/ul | 4537430 | Acenaphthene-d10 | 14.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 90 |
| 2 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 90 |
| 3 | Octane, 2-methyl- | 128 | C9H20 | 003221-61-2 | 87 |
| 4 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 80 |
| 5 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 80 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102717\
Data File : BM012517.D
Acq On : 28 Oct 2017 10:14
Operator : SJ/JU
Sample : I5786-04 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-38(0-1)_100917

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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 |
| (DEL) Alkane: Cyc... | 4.56 | 2.0 | ng/ul | 10356200 | 1 | 7.88 | 102014000 | 20.0 |
| Sulfurous acid, h... | 4.73 | 2.9 | ng/ul | 14617800 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 4.84 | 5.9 | ng/ul | 29980100 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 4.93 | 7.6 | ng/ul | 38759300 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 4.99 | 2.6 | ng/ul | 13280700 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 5.04 | 3.9 | ng/ul | 19717800 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 5.10 | 7.3 | ng/ul | 37182800 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 5.25 | 5.2 | ng/ul | 26341600 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 5.29 | 3.2 | ng/ul | 16338100 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 5.33 | 4.7 | ng/ul | 24054000 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 5.45 | 2.1 | ng/ul | 10554300 | 1 | 7.88 | 102014000 | 20.0 |
| Pentalene, octahy... | 5.59 | 2.7 | ng/ul | 13575300 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 5.69 | 3.1 | ng/ul | 15784000 | 1 | 7.88 | 102014000 | 20.0 |
| Cyclopentane, 1-m... | 5.77 | 4.3 | ng/ul | 22002200 | 1 | 7.88 | 102014000 | 20.0 |
| 1-Ethyl-3-methylc... | 5.85 | 6.0 | ng/ul | 30843200 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 5.91 | 4.1 | ng/ul | 21038300 | 1 | 7.88 | 102014000 | 20.0 |
| unknown-01 | 5.99 | 2.9 | ng/ul | 14766600 | 1 | 7.88 | 102014000 | 20.0 |
| trans-1,2-Diethyl... | 6.16 | 14.1 | ng/ul | 71673100 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 6.29 | 6.3 | ng/ul | 32165600 | 1 | 7.88 | 102014000 | 20.0 |
| unknown-02 | 6.38 | 13.5 | ng/ul | 69023800 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 6.46 | 13.0 | ng/ul | 66329300 | 1 | 7.88 | 102014000 | 20.0 |
| Cyclohexanone, 2,... | 6.53 | 19.1 | ng/ul | 97188400 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 6.56 | 9.2 | ng/ul | 47140100 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 6.65 | 3.6 | ng/ul | 18202300 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 6.71 | 4.7 | ng/ul | 24038300 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 6.77 | 9.5 | ng/ul | 48262200 | 1 | 7.88 | 102014000 | 20.0 |
| Benzene, propyl- | 6.87 | 9.5 | ng/ul | 48526100 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 6.99 | 4.3 | ng/ul | 21895800 | 1 | 7.88 | 102014000 | 20.0 |
| Cyclohexene, 1-bu... | 7.27 | 4.8 | ng/ul | 24651400 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 7.32 | 4.3 | ng/ul | 22078700 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 7.55 | 3.3 | ng/ul | 16999200 | 1 | 7.88 | 102014000 | 20.0 |
| Sulfurous acid, d... | 7.61 | 5.3 | ng/ul | 26966400 | 1 | 7.88 | 102014000 | 20.0 |
| unknown-03 | 7.70 | 7.2 | ng/ul | 36601300 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 7.79 | 5.7 | ng/ul | 29033200 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 7.96 | 9.3 | ng/ul | 47535000 | 1 | 7.88 | 102014000 | 20.0 |
| Cyclohexene,1-(2-... | 8.03 | 5.0 | ng/ul | 25696300 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 8.09 | 12.8 | ng/ul | 65173600 | 1 | 7.88 | 102014000 | 20.0 |
| Sulfurous acid, h... | 8.13 | 3.6 | ng/ul | 18229700 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 8.16 | 7.7 | ng/ul | 39229600 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 8.19 | 15.9 | ng/ul | 81066000 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 8.25 | 7.3 | ng/ul | 37121700 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Str... | 8.33 | 5.8 | ng/ul | 29593000 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 8.45 | 7.2 | ng/ul | 36897800 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 9.15 | 2.8 | ng/ul | 14109000 | 1 | 7.88 | 102014000 | 20.0 |
| (DEL) Alkane: Cyc... | 9.81 | 19.8 | ng/ul | 21658100 | 2 | 10.67 | 21836300 | 20.0 |
| (DEL) Alkane: Cyc... | 10.54 | 6.3 | ng/ul | 6857020 | 2 | 10.67 | 21836300 | 20.0 |
| (DEL) Alkane: Str... | 11.70 | 12.0 | ng/ul | 13080500 | 2 | 10.67 | 21836300 | 20.0 |
| (DEL) Alkane: Str... | 13.05 | 10.9 | ng/ul | 4537430 | 3 | 14.50 | 8343440 | 20.0 |