LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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 | 5.984 | 529 | 535 | 540 | rVV3 | 116098 | 205146 | 0.15% | 0.064% |
| 2 | 6.195 | 567 | 571 | 579 | rVB | 122297 | 216224 | 0.16% | 0.067% |
| 3 | 6.630 | 641 | 645 | 652 | rVB2 | 135580 | 230082 | 0.17% | 0.072% |
| 4 | 7.041 | 701 | 715 | 725 | rVB3 | 90213 | 191801 | 0.14% | 0.060% |
| 5 | 7.247 | 736 | 750 | 752 | rBV3 | 236499 | 435188 | 0.32% | 0.136% |
| 6 | 7.288 | 752 | 757 | 764 | rVV3 | 725929 | 1304407 | 0.97% | 0.407% |
| 7 | 7.353 | 764 | 768 | 779 | rVB3 | 102528 | 251641 | 0.19% | 0.079% |
| 8 | 7.506 | 781 | 794 | 799 | rBV3 | 616777 | 1380029 | 1.02% | 0.431% |
| 9 | 7.570 | 799 | 805 | 815 | rVB | 1852971 | 3089213 | 2.29% | 0.964% |
| 10 | 7.711 | 822 | 829 | 837 | rVB2 | 545873 | 942581 | 0.70% | 0.294% |
| 11 | 7.805 | 839 | 845 | 848 | rBV3 | 149100 | 262671 | 0.19% | 0.082% |
| 12 | 7.841 | 848 | 851 | 855 | rVV3 | 132562 | 207590 | 0.15% | 0.065% |
| 13 | 8.217 | 900 | 915 | 922 | rBV | 3443816 | 6503834 | 4.81% | 2.030% |
| 14 | 8.275 | 922 | 925 | 937 | rVB2 | 127983 | 271719 | 0.20% | 0.085% |
| 15 | 8.546 | 966 | 971 | 974 | rBV2 | 138682 | 215549 | 0.16% | 0.067% |
| 16 | 8.604 | 974 | 981 | 991 | rVB | 3856865 | 6739175 | 4.99% | 2.104% |
| 17 | 8.798 | 1007 | 1014 | 1025 | rVB5 | 301800 | 663682 | 0.49% | 0.207% |
| 18 | 8.898 | 1025 | 1031 | 1037 | rBV2 | 383697 | 740743 | 0.55% | 0.231% |
| 19 | 8.969 | 1037 | 1043 | 1050 | rVB | 393717 | 708259 | 0.52% | 0.221% |
| 20 | 9.280 | 1090 | 1096 | 1103 | rVB | 575732 | 1016623 | 0.75% | 0.317% |
| 21 | 9.362 | 1103 | 1110 | 1124 | rVB2 | 640408 | 1375131 | 1.02% | 0.429% |
| 22 | 9.515 | 1124 | 1136 | 1148 | rBV3 | 420090 | 1397593 | 1.03% | 0.436% |
| 23 | 9.609 | 1148 | 1152 | 1158 | rVB2 | 157105 | 273192 | 0.20% | 0.085% |
| 24 | 9.691 | 1158 | 1166 | 1174 | rVB9 | 184094 | 480620 | 0.36% | 0.150% |
| 25 | 9.774 | 1174 | 1180 | 1190 | rVB3 | 391687 | 717284 | 0.53% | 0.224% |
| 26 | 9.868 | 1190 | 1196 | 1197 | rBV3 | 159448 | 239659 | 0.18% | 0.075% |
| 27 | 9.915 | 1197 | 1204 | 1207 | rBV | 370694 | 688363 | 0.51% | 0.215% |
| 28 | 10.014 | 1215 | 1221 | 1225 | rBV | 649331 | 1194172 | 0.88% | 0.373% |
| 29 | 10.091 | 1229 | 1234 | 1242 | rVB2 | 793972 | 1521323 | 1.13% | 0.475% |
| 30 | 10.238 | 1250 | 1259 | 1264 | rVB5 | 111712 | 247776 | 0.18% | 0.077% |
| 31 | 10.390 | 1280 | 1285 | 1295 | rVB7 | 136563 | 353388 | 0.26% | 0.110% |
| 32 | 10.496 | 1295 | 1303 | 1313 | rBV3 | 810890 | 2119736 | 1.57% | 0.662% |
| 33 | 10.637 | 1315 | 1327 | 1339 | rBV3 | 723275 | 1692982 | 1.25% | 0.528% |
| 34 | 10.737 | 1339 | 1344 | 1353 | rVB3 | 310748 | 622588 | 0.46% | 0.194% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 10.855 | 1359 | 1364 | 1368 | rBV2 | 191281 | 347276 | 0.26% | 0.108% |
| 36 | 10.955 | 1376 | 1381 | 1382 | rBV2 | 159829 | 207275 | 0.15% | 0.065% |
| 37 | 11.007 | 1384 | 1390 | 1393 | rBV | 539745 | 925998 | 0.69% | 0.289% |
| 38 | 11.060 | 1393 | 1399 | 1406 | rVB | 4849224 | 8910218 | 6.60% | 2.782% |
| 39 | 11.119 | 1406 | 1409 | 1412 | rBV | 147107 | 238752 | 0.18% | 0.075% |
| 40 | 11.190 | 1412 | 1421 | 1426 | rVB3 | 460829 | 1292650 | 0.96% | 0.404% |
| 41 | 11.266 | 1426 | 1434 | 1440 | rBV4 | 1382373 | 3100649 | 2.30% | 0.968% |
| 42 | 11.331 | 1440 | 1445 | 1455 | rVB4 | 929483 | 2054890 | 1.52% | 0.641% |
| 43 | 11.472 | 1462 | 1469 | 1479 | rBV2 | 599183 | 1066766 | 0.79% | 0.333% |
| 44 | 11.712 | 1504 | 1510 | 1516 | rBV5 | 250505 | 445049 | 0.33% | 0.139% |
| 45 | 11.848 | 1527 | 1533 | 1537 | rBV3 | 315524 | 592983 | 0.44% | 0.185% |
| 46 | 11.918 | 1537 | 1545 | 1551 | rVB4 | 657668 | 1688966 | 1.25% | 0.527% |
| 47 | 11.989 | 1552 | 1557 | 1565 | rVB8 | 73169 | 205764 | 0.15% | 0.064% |
| 48 | 12.112 | 1572 | 1578 | 1582 | rBV4 | 121564 | 240271 | 0.18% | 0.075% |
| 49 | 12.212 | 1591 | 1595 | 1608 | rVB7 | 208942 | 494283 | 0.37% | 0.154% |
| 50 | 12.388 | 1620 | 1625 | 1632 | rBV5 | 263658 | 528893 | 0.39% | 0.165% |
| 51 | 12.517 | 1641 | 1647 | 1655 | rBV7 | 126472 | 313181 | 0.23% | 0.098% |
| 52 | 12.647 | 1664 | 1669 | 1679 | rVB | 1451836 | 2384857 | 1.77% | 0.744% |
| 53 | 12.788 | 1688 | 1693 | 1699 | rVB6 | 96537 | 203667 | 0.15% | 0.064% |
| 54 | 12.864 | 1699 | 1706 | 1713 | rBV | 982452 | 1648165 | 1.22% | 0.515% |
| 55 | 12.964 | 1715 | 1723 | 1734 | rBV8 | 214758 | 484815 | 0.36% | 0.151% |
| 56 | 13.181 | 1757 | 1760 | 1765 | rVB3 | 147508 | 217209 | 0.16% | 0.068% |
| 57 | 13.340 | 1773 | 1787 | 1802 | rBV3 | 843137 | 2467355 | 1.83% | 0.770% |
| 58 | 13.551 | 1815 | 1823 | 1829 | rVB7 | 175451 | 406810 | 0.30% | 0.127% |
| 59 | 13.640 | 1830 | 1838 | 1842 | rBV2 | 573975 | 1065721 | 0.79% | 0.333% |
| 60 | 13.716 | 1843 | 1851 | 1857 | rVB3 | 471584 | 980197 | 0.73% | 0.306% |
| 61 | 13.828 | 1862 | 1870 | 1885 | rVB | 1815402 | 3844661 | 2.85% | 1.200% |
| 62 | 13.975 | 1885 | 1895 | 1910 | rVB6 | 588516 | 1812303 | 1.34% | 0.566% |
| 63 | 14.127 | 1914 | 1921 | 1926 | rBV5 | 276231 | 717298 | 0.53% | 0.224% |
| 64 | 14.204 | 1926 | 1934 | 1942 | rVB | 1430213 | 2702389 | 2.00% | 0.844% |
| 65 | 14.368 | 1953 | 1962 | 1964 | rBV5 | 121381 | 264831 | 0.20% | 0.083% |
| 66 | 14.509 | 1975 | 1986 | 1995 | rVB | 1584013 | 2967259 | 2.20% | 0.926% |
| 67 | 14.685 | 2007 | 2016 | 2026 | rBV | 4974600 | 9811370 | 7.26% | 3.063% |
| 68 | 14.809 | 2027 | 2037 | 2042 | rBV | 980542 | 1823759 | 1.35% | 0.569% |
| 69 | 14.868 | 2042 | 2047 | 2052 | rBV2 | 747925 | 1191779 | 0.88% | 0.372% |
| 70 | 14.920 | 2052 | 2056 | 2066 | rVB4 | 478082 | 1346283 | 1.00% | 0.420% |
| 71 | 15.009 | 2066 | 2071 | 2079 | rVB4 | 370103 | 684379 | 0.51% | 0.214% |

LSC Area Percent Report

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Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 15.126 | 2079 | 2091 | 2098 | rBV | 5608907 | 16519149 | 12.23% | 5.157% |
| 73 | 15.291 | 2111 | 2119 | 2126 | rBV | 1873760 | 3722140 | 2.76% | 1.162% |
| 74 | 15.355 | 2126 | 2130 | 2134 | rVB2 | 786280 | 1039219 | 0.77% | 0.324% |
| 75 | 15.414 | 2134 | 2140 | 2143 | rBV | 3831314 | 7157304 | 5.30% | 2.234% |
| 76 | 15.690 | 2181 | 2187 | 2193 | rBV | 289526 | 569164 | 0.42% | 0.178% |
| 77 | 15.802 | 2199 | 2206 | 2211 | rVB | 1820599 | 2772419 | 2.05% | 0.865% |
| 78 | 15.872 | 2211 | 2218 | 2225 | rBV4 | 1043309 | 2210645 | 1.64% | 0.690% |
| 79 | 15.955 | 2225 | 2232 | 2243 | rBV | 16212459 | 28615697 | 21.18% | 8.933% |
| 80 | 16.037 | 2244 | 2246 | 2252 | rVB6 | 148184 | 197441 | 0.15% | 0.062% |
| 81 | 16.542 | 2321 | 2332 | 2346 | rBV2 | 499129 | 1326695 | 0.98% | 0.414% |
| 82 | 16.712 | 2351 | 2361 | 2363 | rBV9 | 99923 | 236898 | 0.18% | 0.074% |
| 83 | 16.977 | 2401 | 2406 | 2415 | rVB9 | 110946 | 283185 | 0.21% | 0.088% |
| 84 | 17.136 | 2424 | 2433 | 2439 | rVB9 | 110970 | 322525 | 0.24% | 0.101% |
| 85 | 17.259 | 2439 | 2454 | 2466 | rBV2 | 49100022 | 135080686 | 100.00% | 42.168% |
| 86 | 17.347 | 2466 | 2469 | 2475 | rVB2 | 252096 | 386218 | 0.29% | 0.121% |
| 87 | 17.570 | 2500 | 2507 | 2511 | rBV | 1192944 | 1941360 | 1.44% | 0.606% |
| 88 | 17.611 | 2511 | 2514 | 2518 | rVV | 1058648 | 1422035 | 1.05% | 0.444% |
| 89 | 17.670 | 2518 | 2524 | 2530 | rVB | 2105995 | 3199555 | 2.37% | 0.999% |
| 90 | 17.970 | 2567 | 2575 | 2581 | rBV | 1258712 | 1976169 | 1.46% | 0.617% |
| 91 | 18.980 | 2742 | 2747 | 2753 | rVB2 | 192124 | 275780 | 0.20% | 0.086% |
| 92 | 19.386 | 2810 | 2816 | 2825 | rBV2 | 181148 | 344267 | 0.25% | 0.107% |
| 93 | 19.727 | 2870 | 2874 | 2881 | rBV | 235676 | 327417 | 0.24% | 0.102% |
| 94 | 19.938 | 2903 | 2910 | 2919 | rBV | 2336194 | 3573752 | 2.65% | 1.116% |
| 95 | 20.420 | 2985 | 2992 | 3003 | rBV | 404513 | 777589 | 0.58% | 0.243% |
| 96 | 21.848 | 3229 | 3235 | 3243 | rVB | 1217555 | 2090067 | 1.55% | 0.652% |
| 97 | 21.983 | 3254 | 3258 | 3267 | rVB2 | 137149 | 233936 | 0.17% | 0.073% |
| 98 | 25.009 | 3762 | 3773 | 3784 | rBV3 | 1127503 | 3422515 | 2.53% | 1.068% |
| 99 | 25.109 | 3786 | 3790 | 3799 | rVB8 | 79190 | 188293 | 0.14% | 0.059% |
| 100 | 25.238 | 3802 | 3812 | 3823 | rBV2 | 654029 | 1947005 | 1.44% | 0.608% |

Sum of corrected areas: 320338060

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
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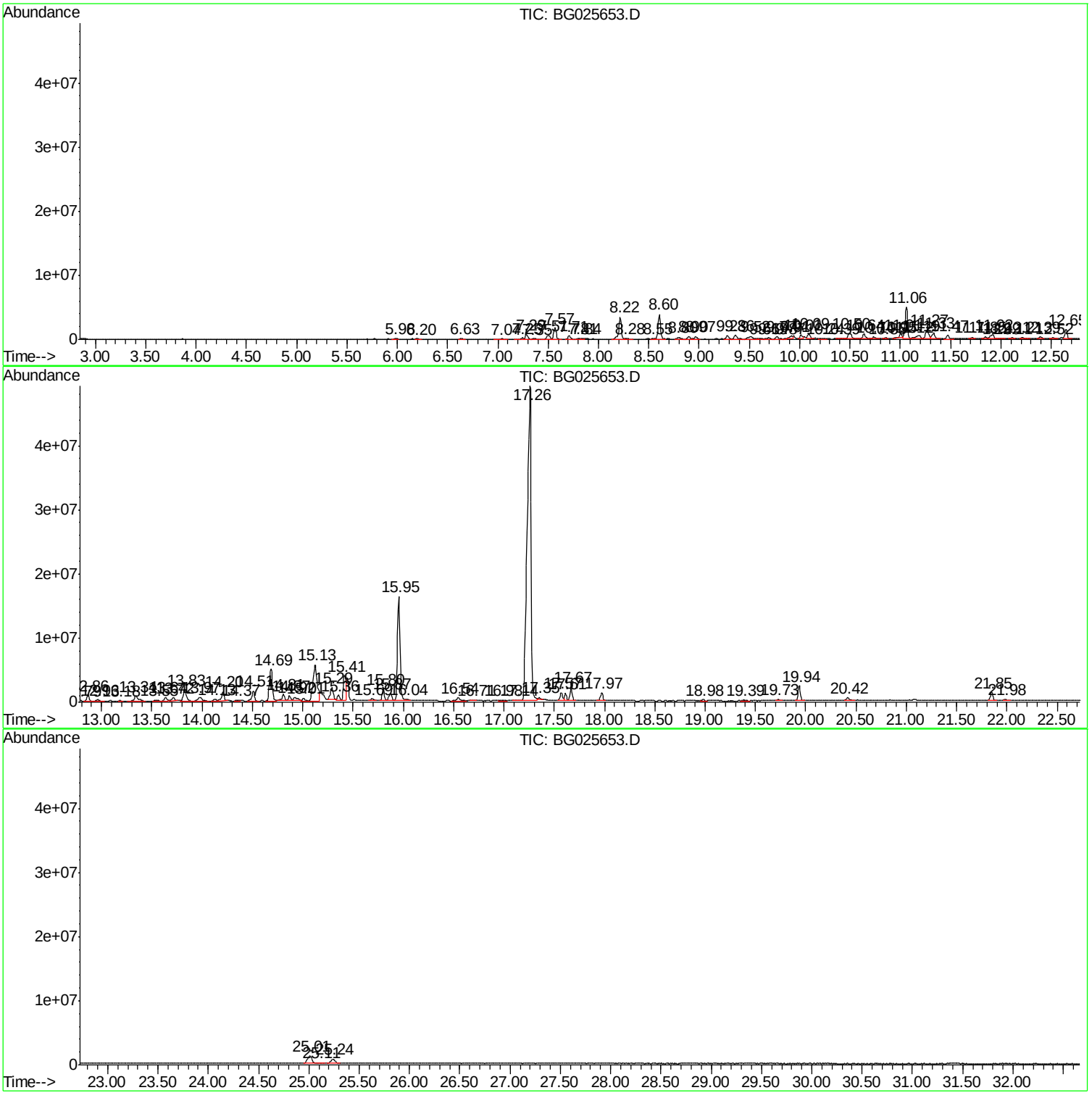
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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 G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

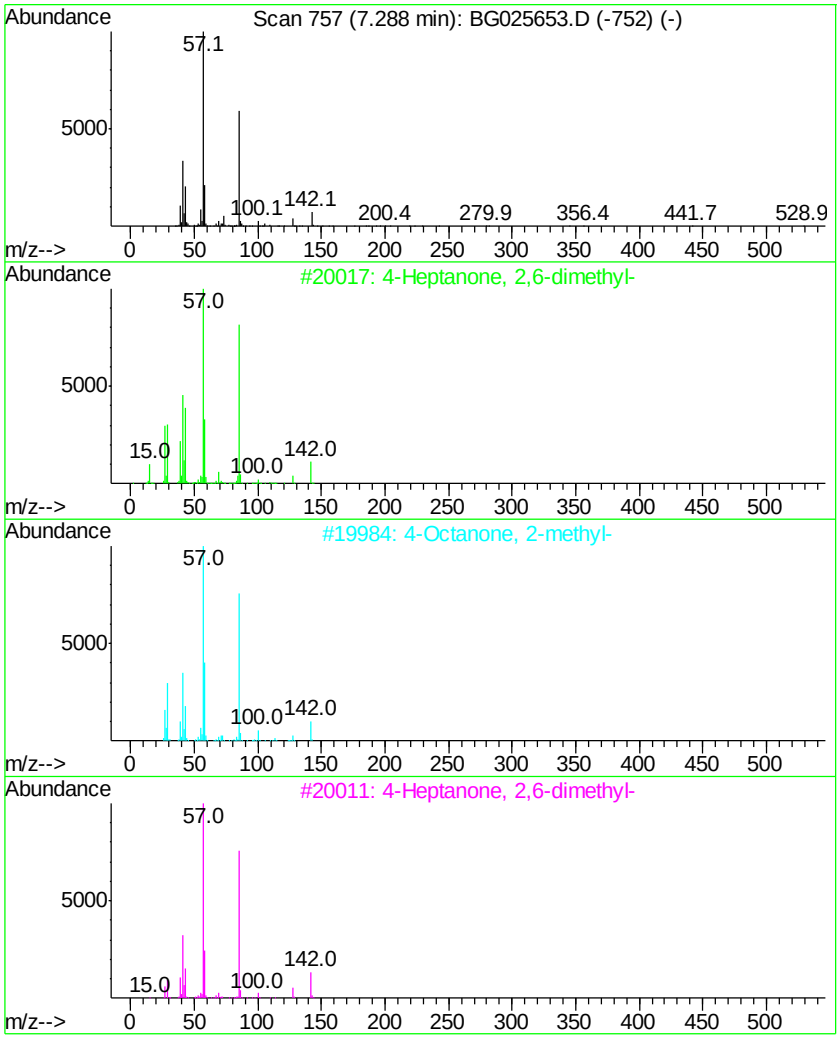
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

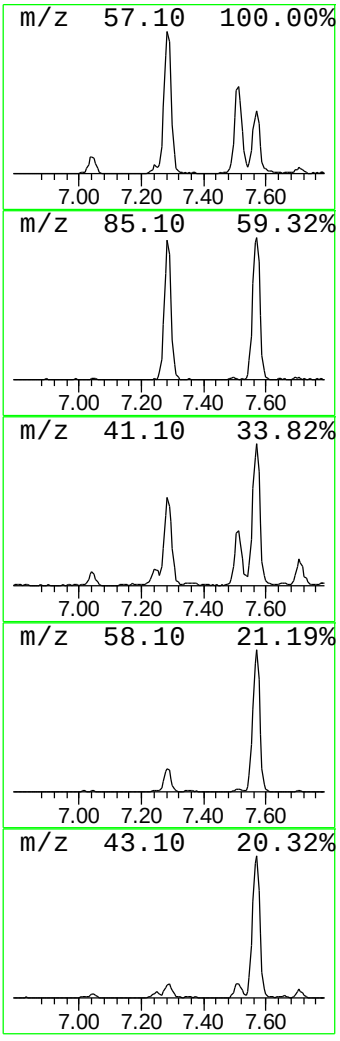
**********

Peak Number 1 4-Heptanone, 2,6-dimethyl- Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.29 | 4.01 ng/ul | 1304410 | 1,4-Dichlorobenzene-d4 | 8.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Heptanone, 2,6-dimethyl- | 142 | C9H18O | 000108-83-8 | 64 |
| 2 | 4-Octanone, 2-methyl- | 142 | C9H18O | 007492-38-8 | 59 |
| 3 | 4-Heptanone, 2,6-dimethyl- | 142 | C9H18O | 000108-83-8 | 58 |
| 4 | Hexanoic acid, 2-oxo-, methyl ester | 144 | C7H12O3 | 006395-83-1 | 50 |
| 5 | 5-Nonanone | 142 | C9H18O | 000502-56-7 | 50 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

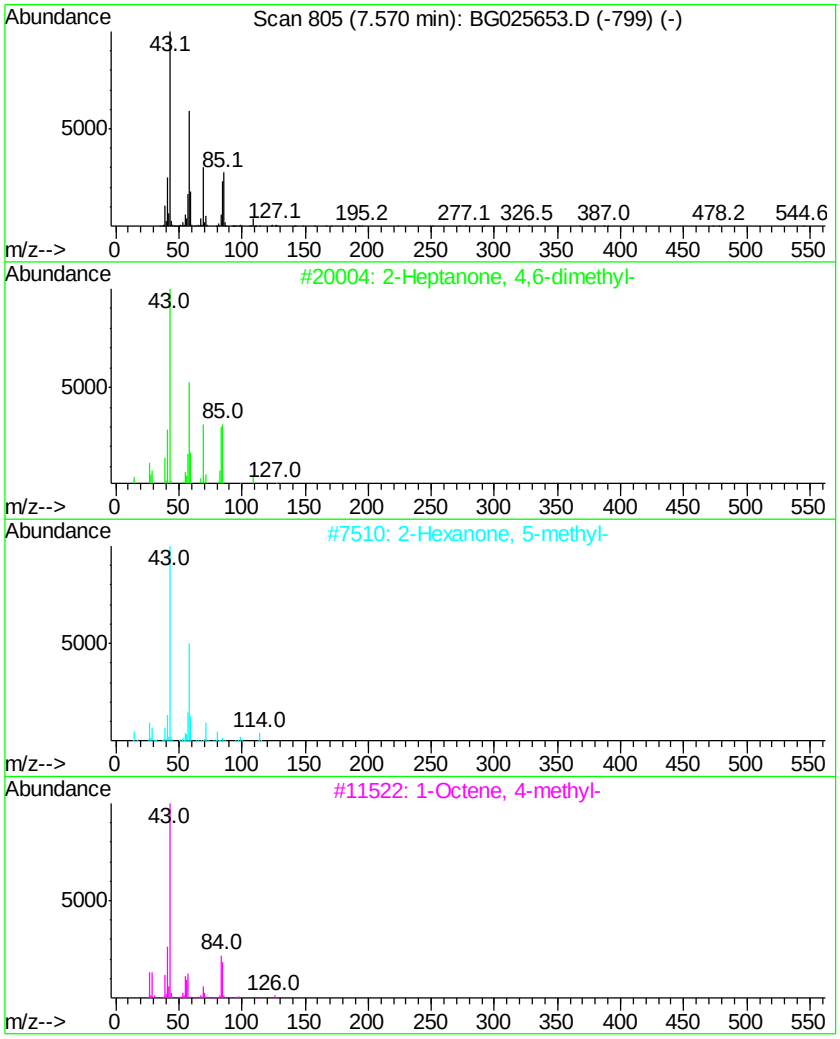
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

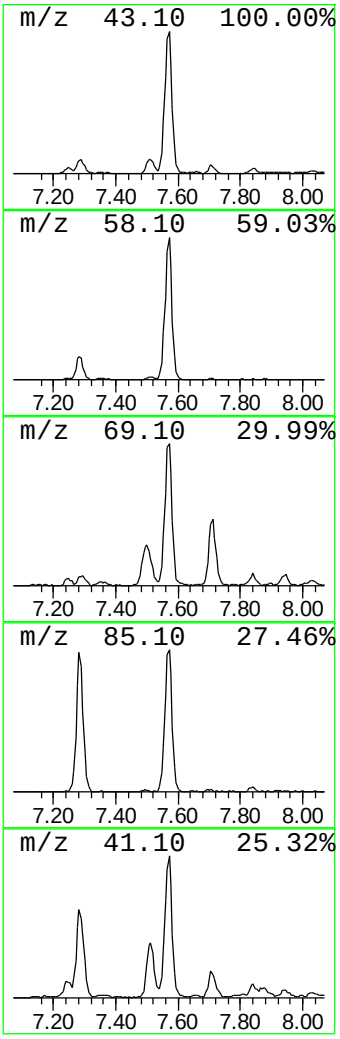
**********

Peak Number 2 2-Heptanone, 4,6-dimethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.57 | 9.50 ng/ul | 3089210 | 1,4-Dichlorobenzene-d4 | 8.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Heptanone, 4,6-dimethyl- | 142 | C9H18O | 019549-80-5 | 83 |
| 2 | 2-Hexanone, 5-methyl- | 114 | C7H14O | 000110-12-3 | 47 |
| 3 | 1-Octene, 4-methyl- | 126 | C9H18 | 013151-12-7 | 43 |
| 4 | Hexane, 3-ethyl- | 114 | C8H18 | 000619-99-8 | 38 |
| 5 | 2-Hexanone | 100 | C6H12O | 000591-78-6 | 38 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

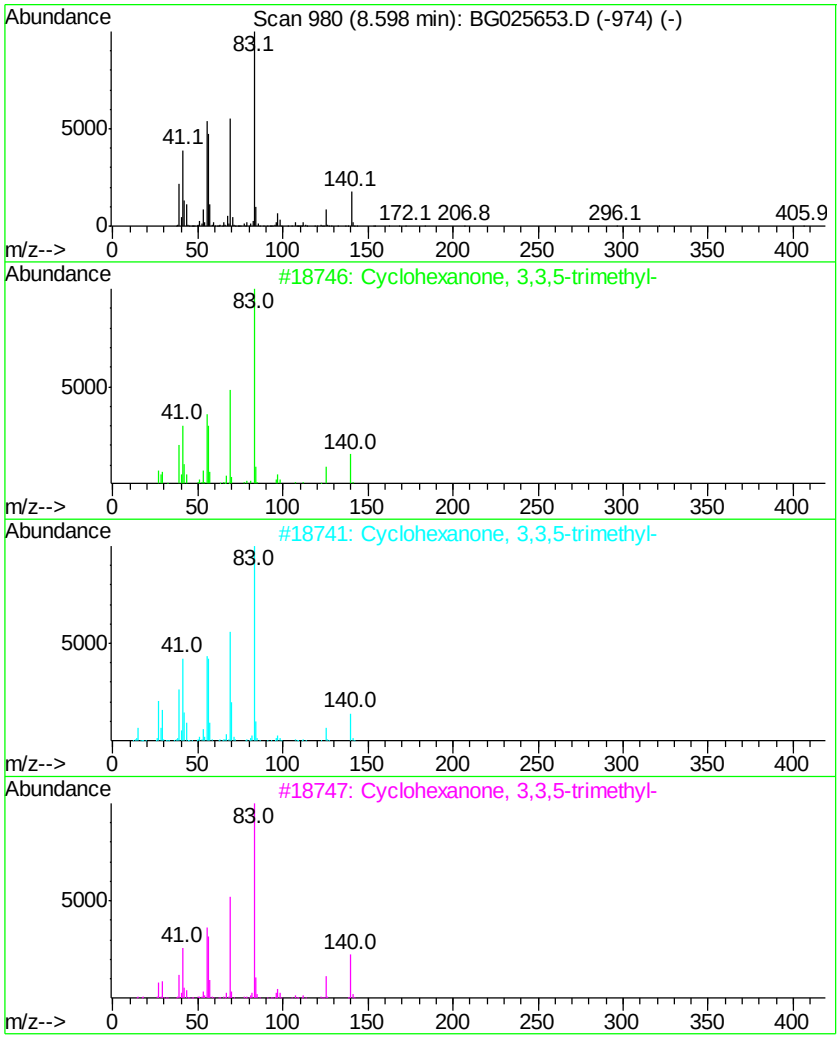
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

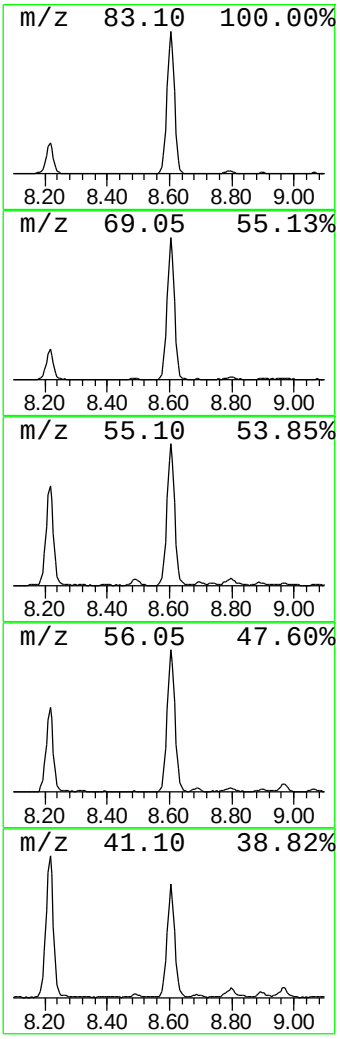
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Cyclohexanone, 3,3,5-trimet... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.60 | 20.72 ng/ul | 6739180 | 1,4-Dichlorobenzene-d4 | 8.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 94 |
| 2 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 94 |
| 3 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 81 |
| 4 | Cyclohexane, decyl- | 224 | C16H32 | 001795-16-0 | 59 |
| 5 | 1H-1,2,4-Triazole, 3-methyl- | 83 | C3H5N3 | 007170-01-6 | 58 |



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Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

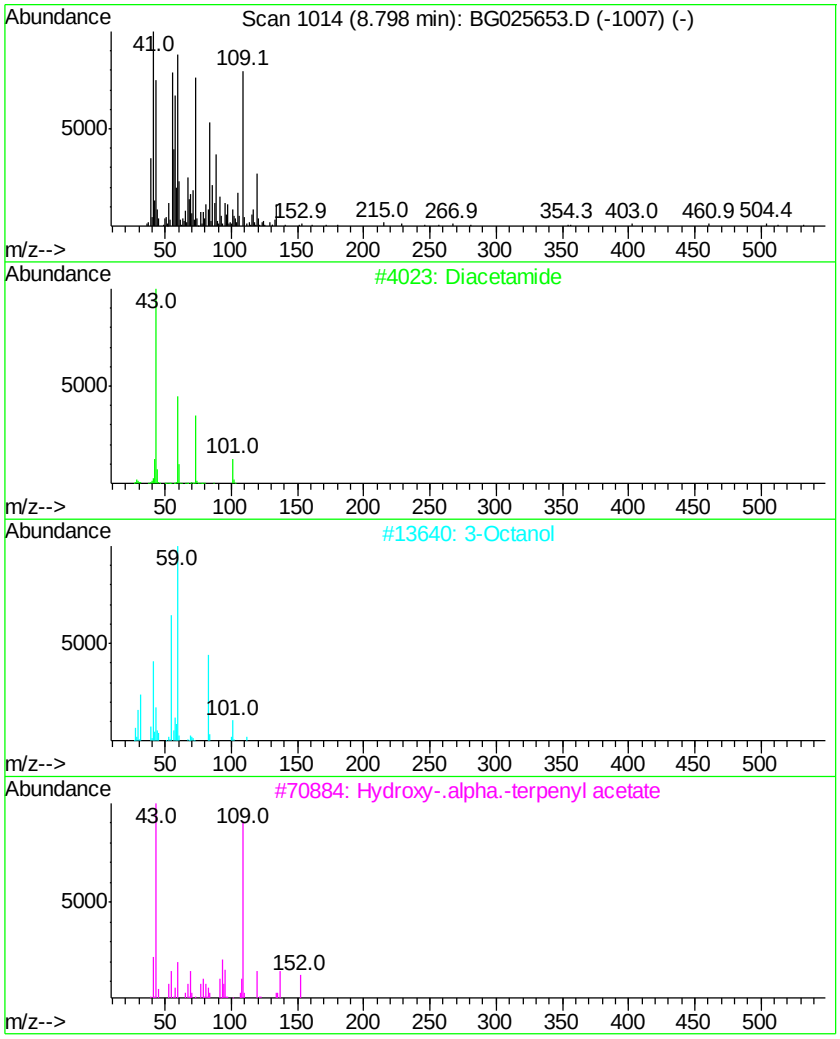
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

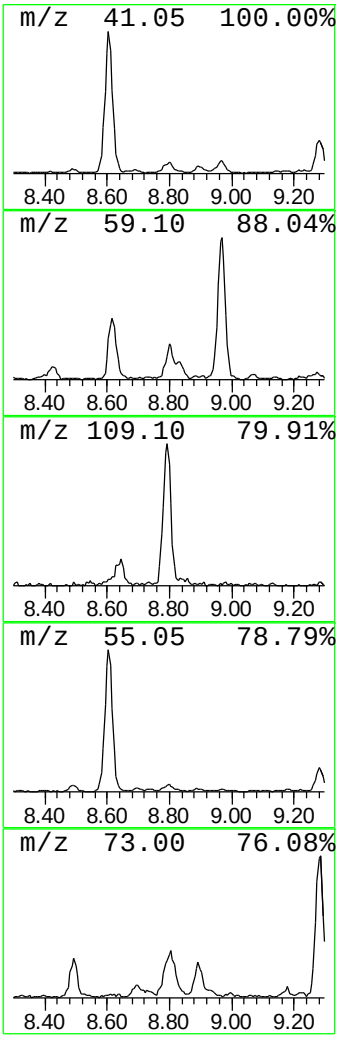
**********

Peak Number 4 unknown-01 Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.80 | 2.04 ng/ul | 663682 | 1,4-Dichlorobenzene-d4 | 8.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diacetamide | 101 | C4H7NO2 | 000625-77-4 | 22 |
| 2 | 3-Octanol | 130 | C8H18O | 000589-98-0 | 22 |
| 3 | Hydroxy-.alpha.-terpenyl acetate | 212 | C12H20O3 | 1000293-00-9 | 14 |
| 4 | (2R,4S)-2,4-Dimethyladipic acid ... | 202 | C10H18O4 | 085547-49-5 | 12 |
| 5 | 2,4-Dimethyl-2,4-pentanediol | 132 | C7H16O2 | 024892-49-7 | 12 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

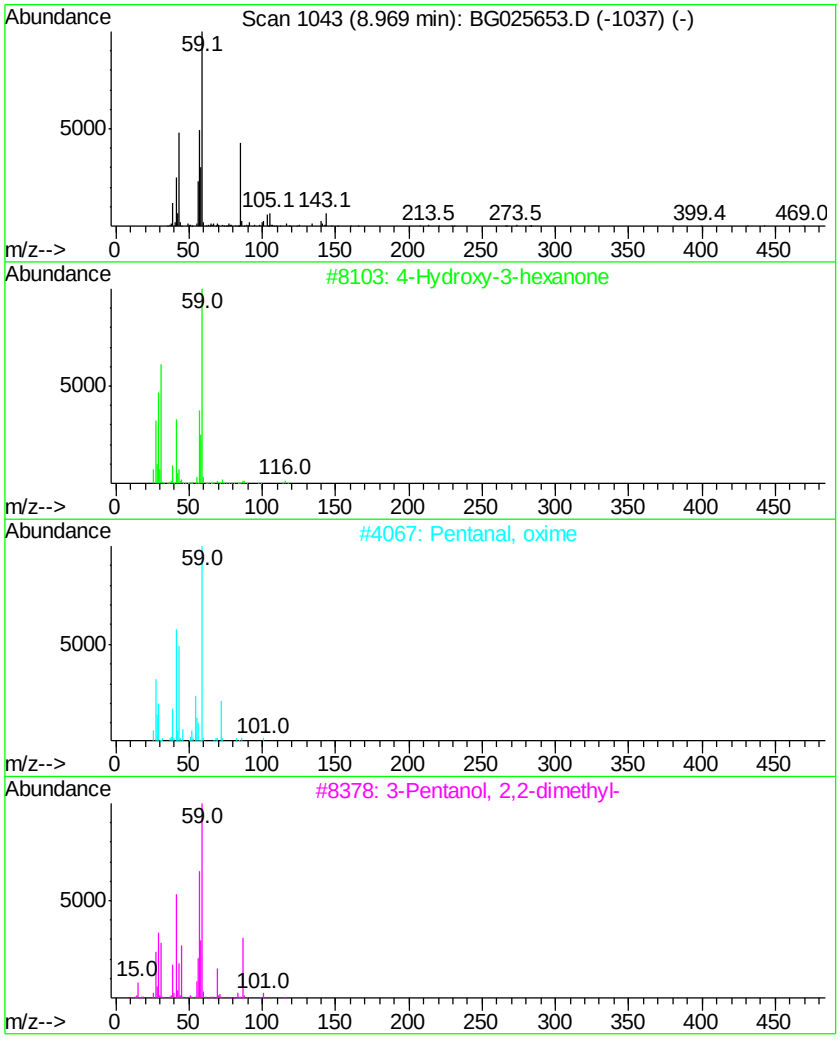
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

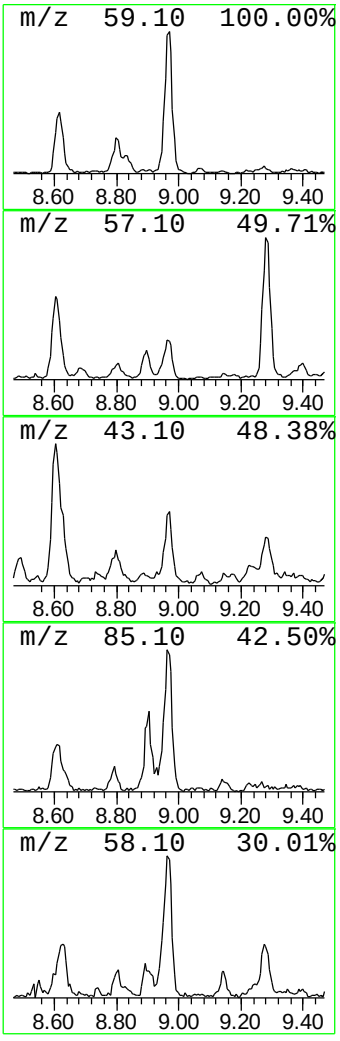
**********

Peak Number 5 unknown-02 Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.97 | 2.18 ng/ul | 708259 | 1,4-Dichlorobenzene-d4 | 8.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Hydroxy-3-hexanone | 116 | C6H12O2 | 004984-85-4 | 43 |
| 2 | Pentanal, oxime | 101 | C5H11NO | 000628-79-5 | 35 |
| 3 | 3-Pentanol, 2,2-dimethyl- | 116 | C7H16O | 003970-62-5 | 28 |
| 4 | Oxirane, tetramethyl- | 100 | C6H12O | 005076-20-0 | 25 |
| 5 | 5-Deoxy-.alpha.-d-xylofuranose, ... | 174 | C8H14O4 | 1000314-09-4 | 25 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

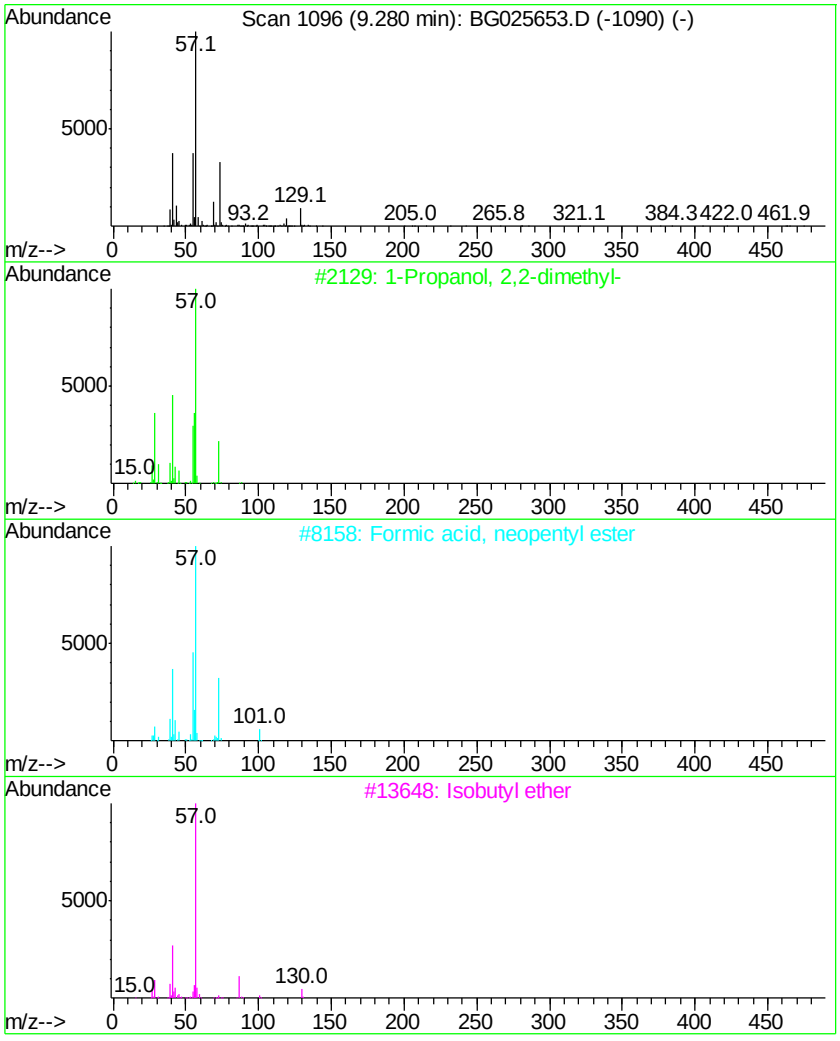
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

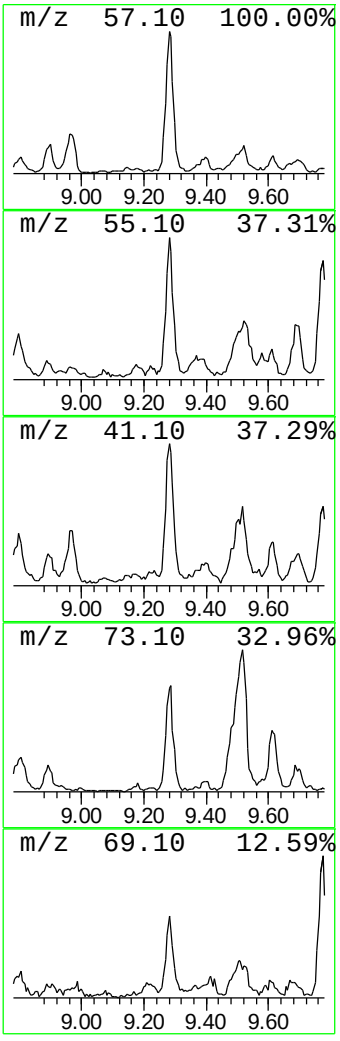
**********

Peak Number 6 unknown-03 Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.28 | 3.13 ng/ul | 1016620 | 1,4-Dichlorobenzene-d4 | 8.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Propanol, 2,2-dimethyl- | 88 | C5H12O | 000075-84-3 | 37 |
| 2 | Formic acid, neopentyl ester | 116 | C6H12O2 | 1000367-90-3 | 37 |
| 3 | Isobutyl ether | 130 | C8H18O | 000628-55-7 | 12 |
| 4 | Thiolane-3,4-dicarbonitrile, 2,5... | 386 | C16H20F6N2S | 1000260-74-6 | 10 |
| 5 | Sulfurous acid, dibutyl ester | 194 | C8H18O3S | 000626-85-7 | 10 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

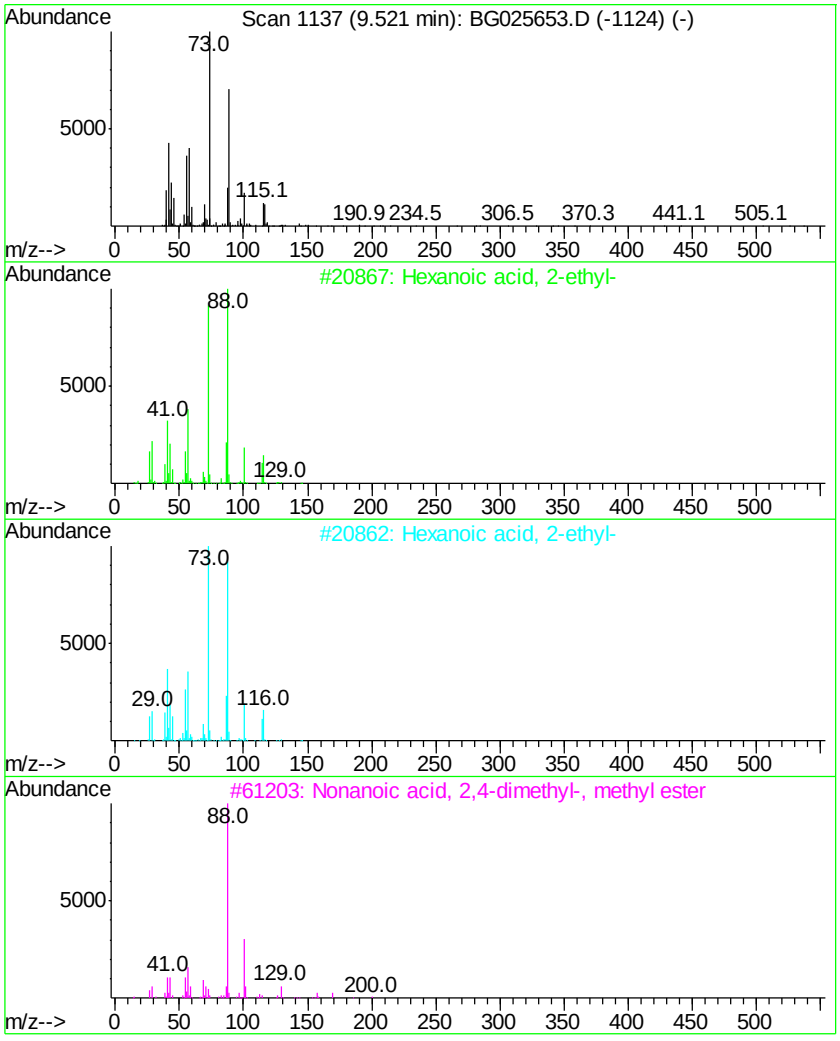
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

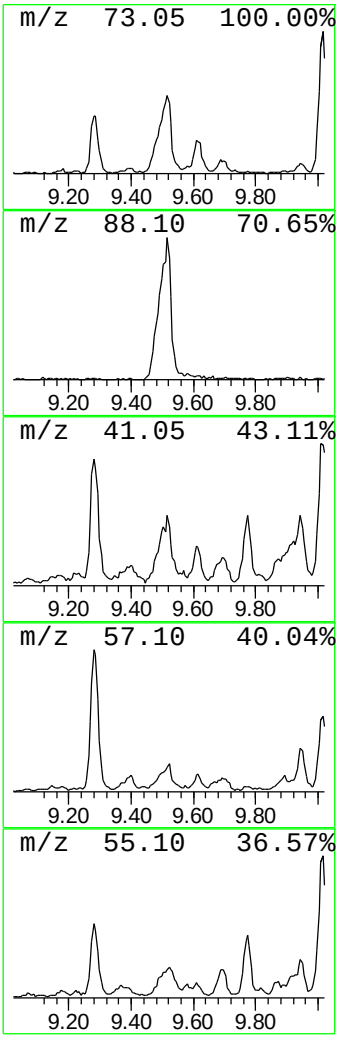
**********

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.52 | 4.30 ng/ul | 1397590 | 1,4-Dichlorobenzene-d4 | 8.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 68 |
| 2 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 64 |
| 3 | Nonanoic acid, 2,4-dimethyl-, me... | 200 | C12H24O2 | 054889-61-1 | 40 |
| 4 | Methyl 2,6,10-trimethyltridecanoate | 270 | C17H34O2 | 1000131-72-2 | 38 |
| 5 | Methyl 2,3,4-tri-O-methyl-6-deox... | 220 | C10H20O5 | 035939-74-3 | 38 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

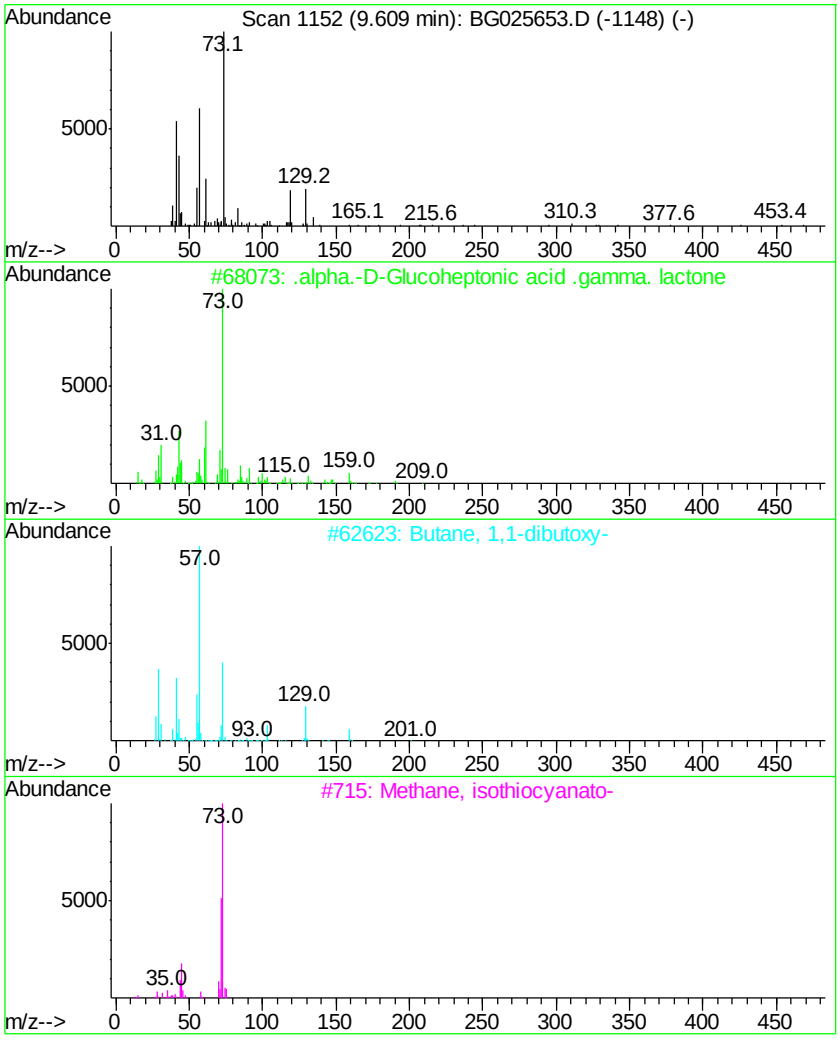
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

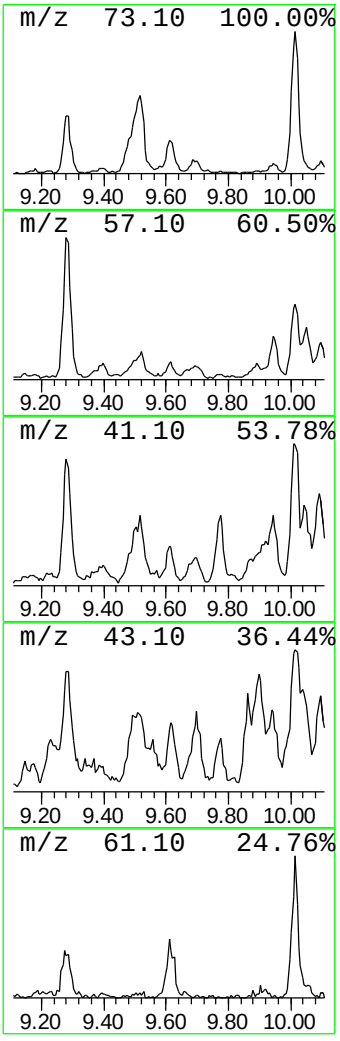
**********

Peak Number 8 unknown-04 Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.61 | 5.90 ng/ul | 273192 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.-D-Glucoheptonic acid .ga... | 208 | C7H12O7 | 079703-26-7 | 17 |
| 2 | Butane, 1,1-dibutoxy- | 202 | C12H26O2 | 005921-80-2 | 10 |
| 3 | Methane, isothiocyanato- | 73 | C2H3NS | 000556-61-6 | 9 |
| 4 | 1,3-Dioxolane, 2-(1-methylpropyl)- | 130 | C7H14O2 | 014447-25-7 | 9 |
| 5 | 1-Hexen-4-ol, 1-chloro-3,5-dimet... | 162 | C8H15ClO | 100244-09-5 | 9 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

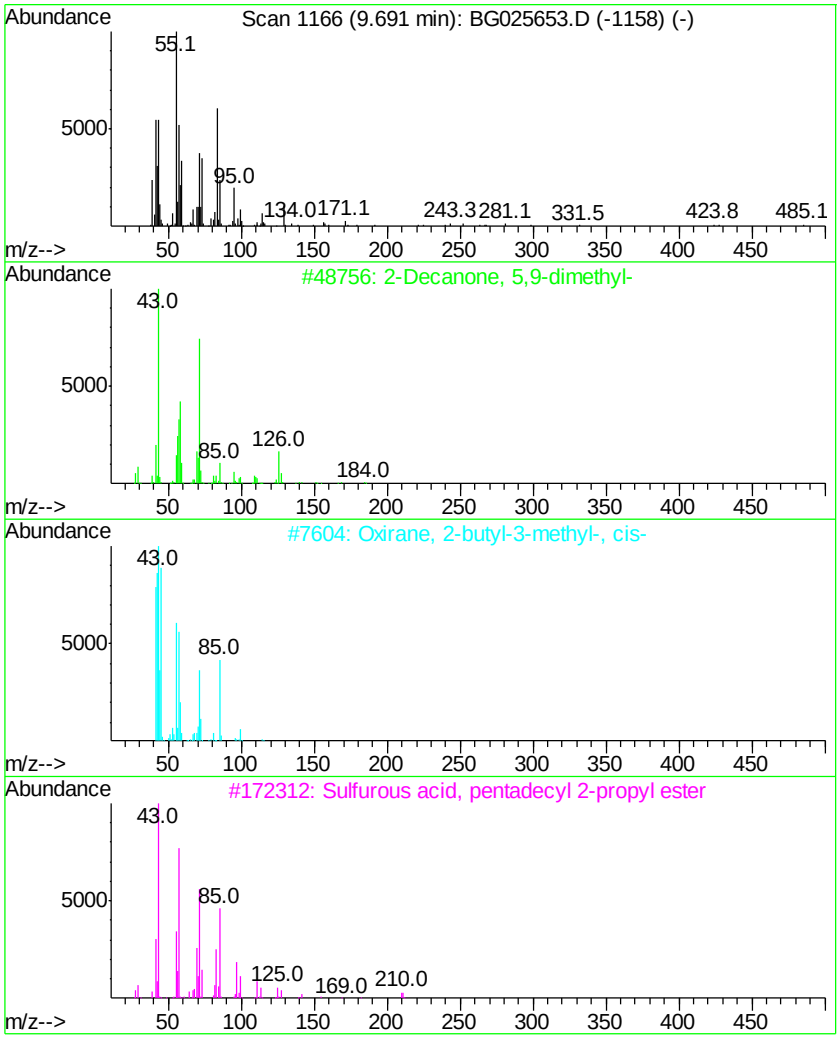
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

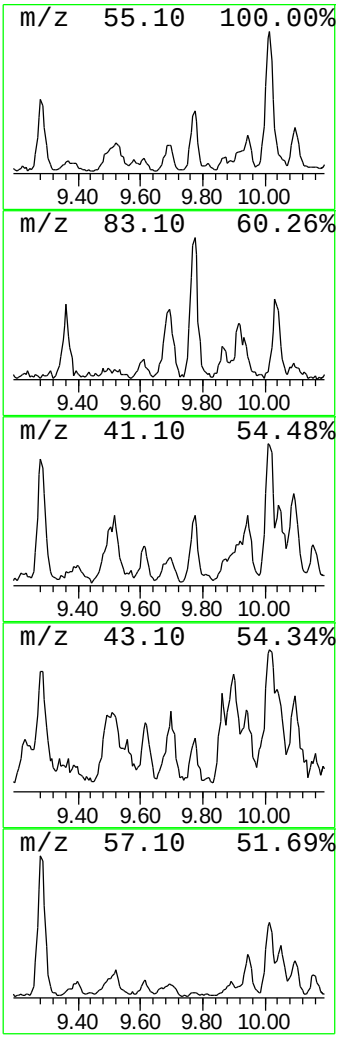
**********

Peak Number 9 unknown-05 Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.69 | 10.38 ng/ul | 480620 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Decanone, 5,9-dimethyl- | 184 | C12H24O | 033933-82-3 | 14 |
| 2 | Oxirane, 2-butyl-3-methyl-, cis- | 114 | C7H14O | 056052-93-8 | 14 |
| 3 | Sulfurous acid, pentadecyl 2-pro... | 334 | C18H38O3S | 1000309-12-6 | 14 |
| 4 | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36 | 014905-56-7 | 11 |
| 5 | 5-Nitro-2-thienylmethylenecycloh... | 281 | C12H15N3O3S | 042826-29-9 | 11 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

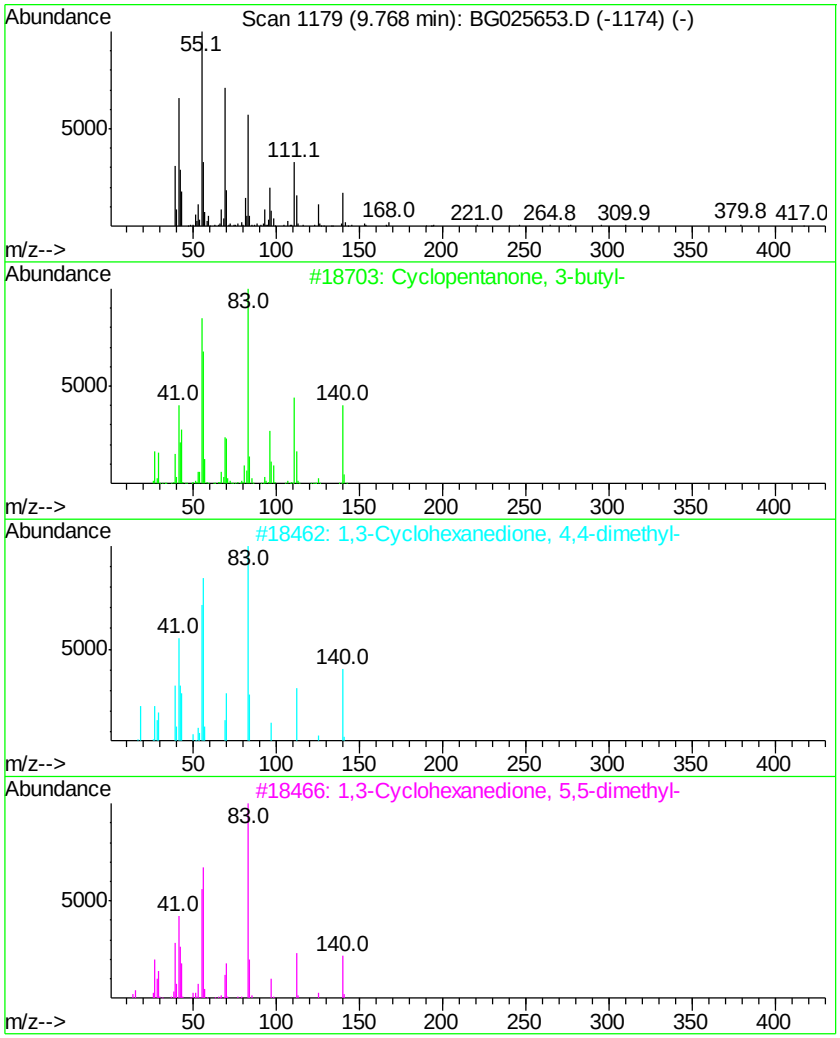
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

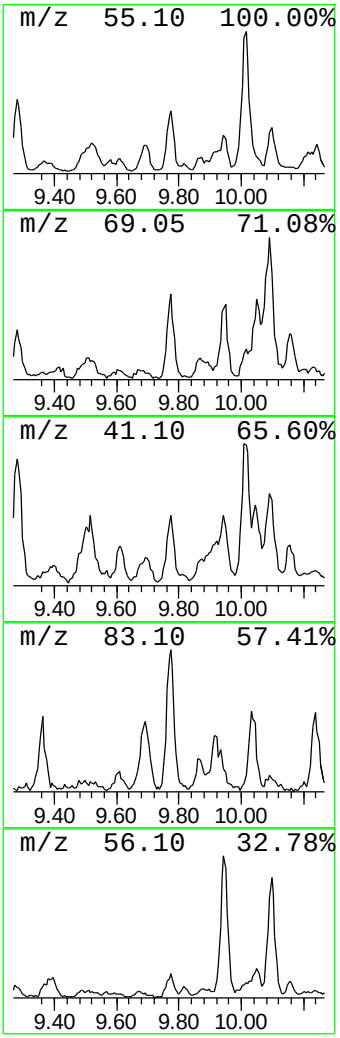
**********

Peak Number 10 Cyclopentanone, 3-butyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.77 | 15.49 ng/ul | 717284 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentanone, 3-butyl- | 140 | C9H16O | 057283-81-5 | 58 |
| 2 | 1,3-Cyclohexanedione, 4,4-dimethyl- | 140 | C8H12O2 | 000562-46-9 | 46 |
| 3 | 1,3-Cyclohexanedione, 5,5-dimethyl- | 140 | C8H12O2 | 000126-81-8 | 46 |
| 4 | 3-Hexene, 2,2-dimethyl-, (Z)- | 112 | C8H16 | 000690-92-6 | 43 |
| 5 | 1,3-Cyclohexanedione, 5,5-dimethyl- | 140 | C8H12O2 | 000126-81-8 | 43 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

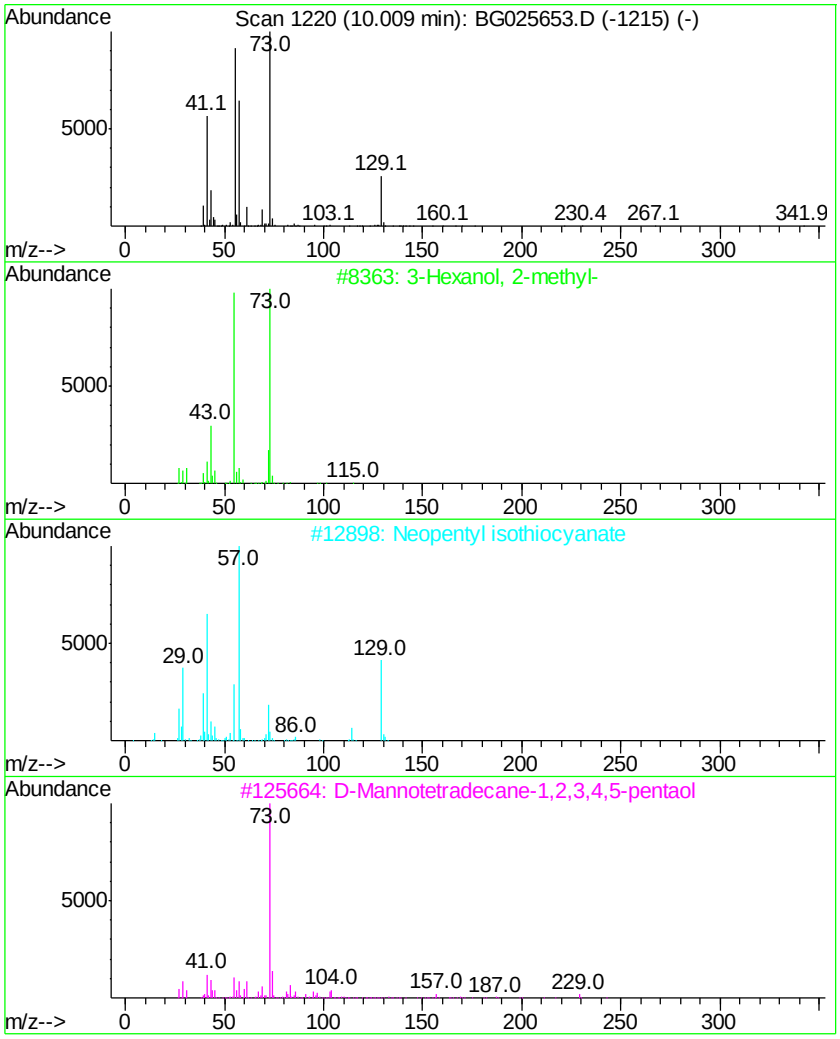
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

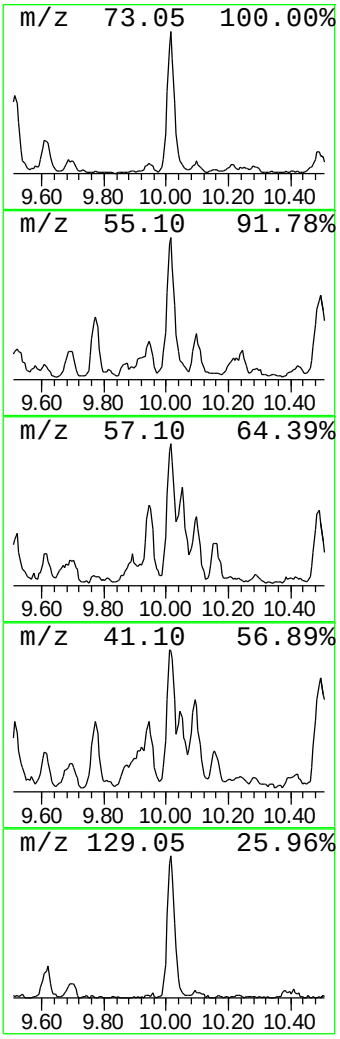
**********

Peak Number 11 unknown-06 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.01 | 25.79 ng/ul | 1194170 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hexanol, 2-methyl- | 116 | C7H16O | 000617-29-8 | 23 |
| 2 | Neopentyl isothiocyanate | 129 | C6H11NS | 000597-97-7 | 16 |
| 3 | D-Mannotetradecane-1,2,3,4,5-pen... | 278 | C14H30O5 | 188436-16-0 | 12 |
| 4 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 10 |
| 5 | 1,3-Dioxolane, 2-butyl- | 130 | C7H14O2 | 004360-76-3 | 9 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

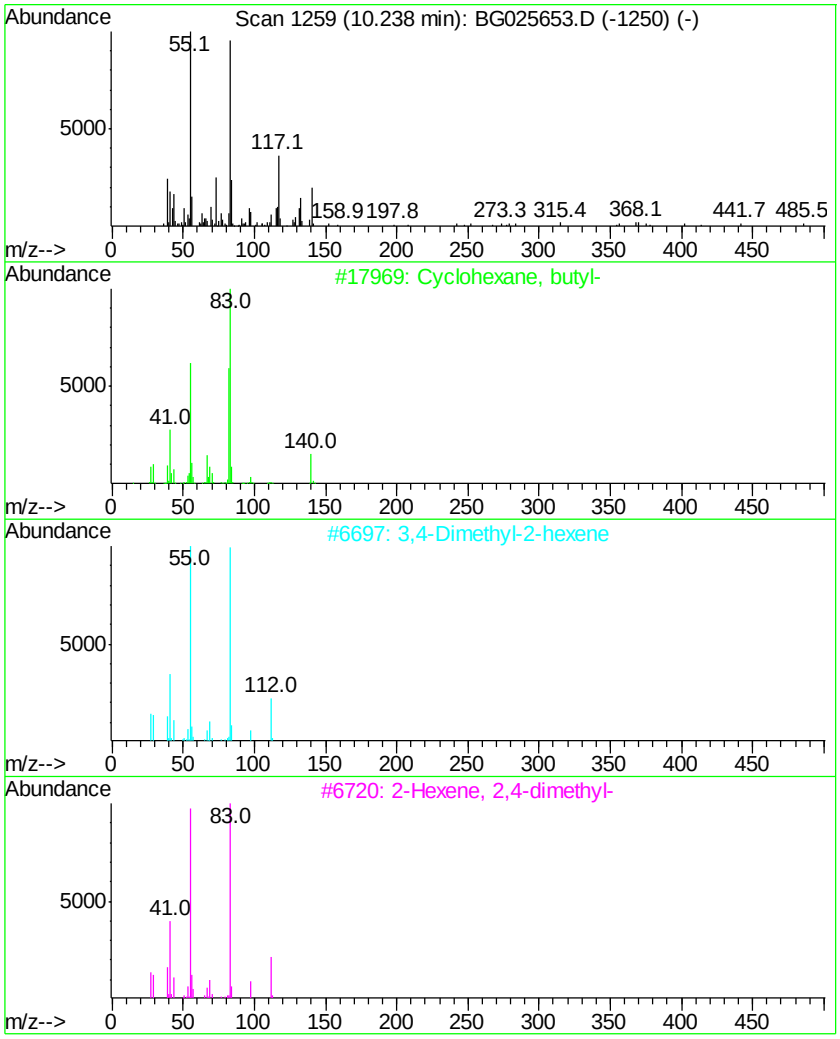
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

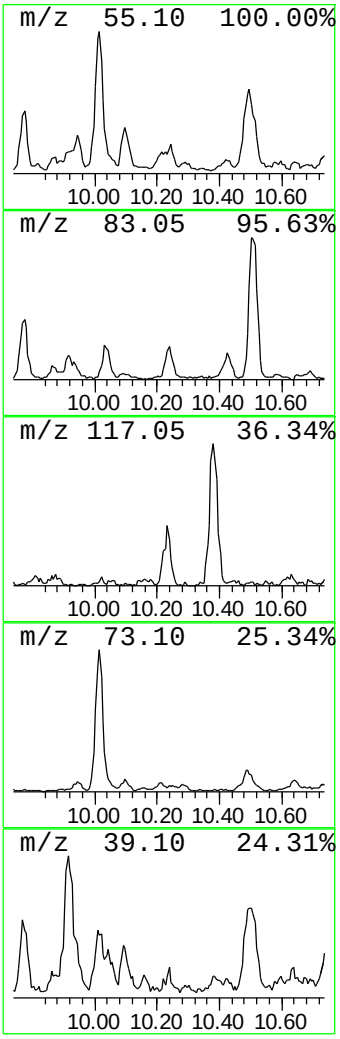
**********

Peak Number 12 (DEL) Alkane: Cyclic10.24 Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.24 | 5.35 ng/ul | 247776 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 43 |
| 2 | 3,4-Dimethyl-2-hexene | 112 | C8H16 | 002213-37-8 | 38 |
| 3 | 2-Hexene, 2,4-dimethyl- | 112 | C8H16 | 014255-23-3 | 35 |
| 4 | 2(5H)-Furanone, 5-(2-methyl-3-me... | 166 | C10H14O2 | 1000155-85-8 | 32 |
| 5 | Cyclopropane, 1,1,2-trimethyl-3-... | 140 | C10H20 | 041977-43-9 | 32 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

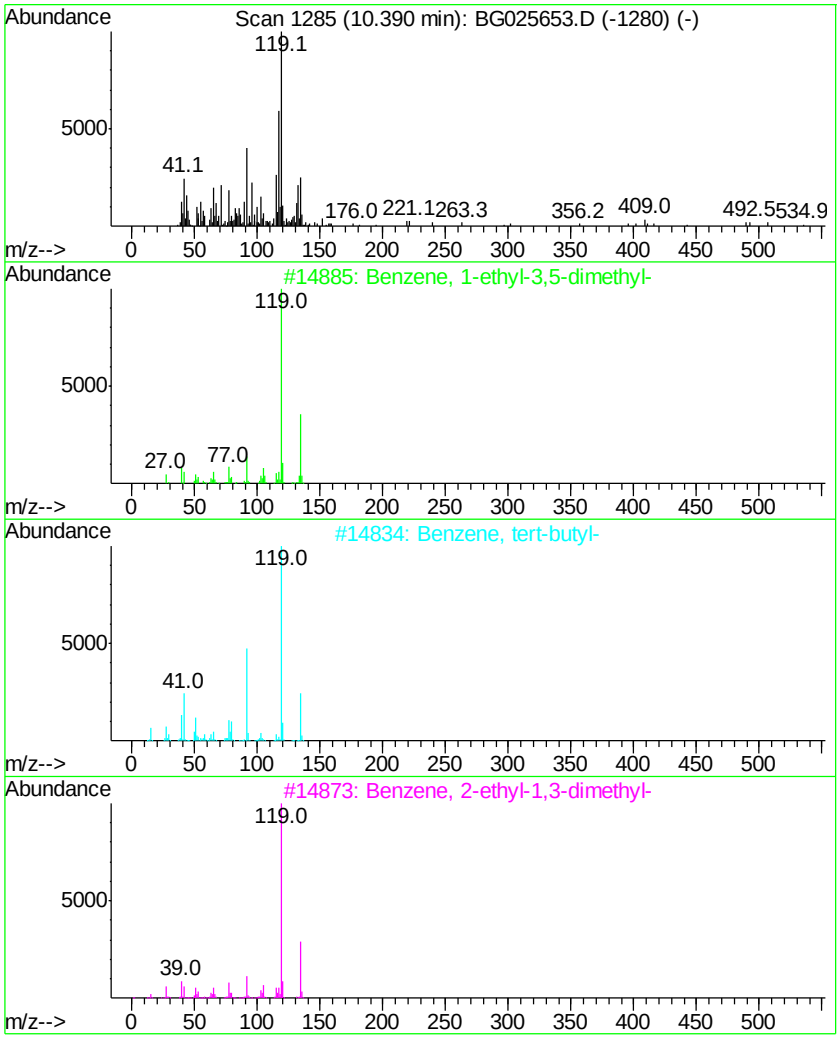
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

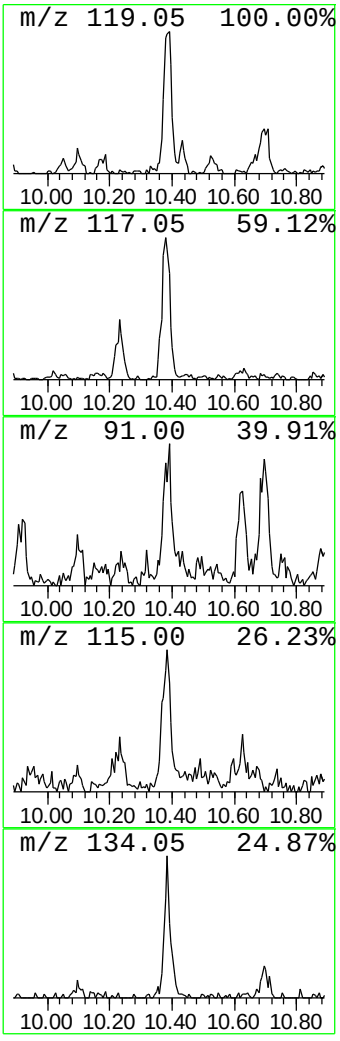
**********

Peak Number 13 unknown-07 Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.39 | 7.63 ng/ul | 353388 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 43 |
| 2 | Benzene, tert-butyl- | 134 | C10H14 | 000098-06-6 | 43 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 43 |
| 4 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 43 |
| 5 | (E)-1-Phenyl-1-butene | 132 | C10H12 | 001005-64-7 | 35 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

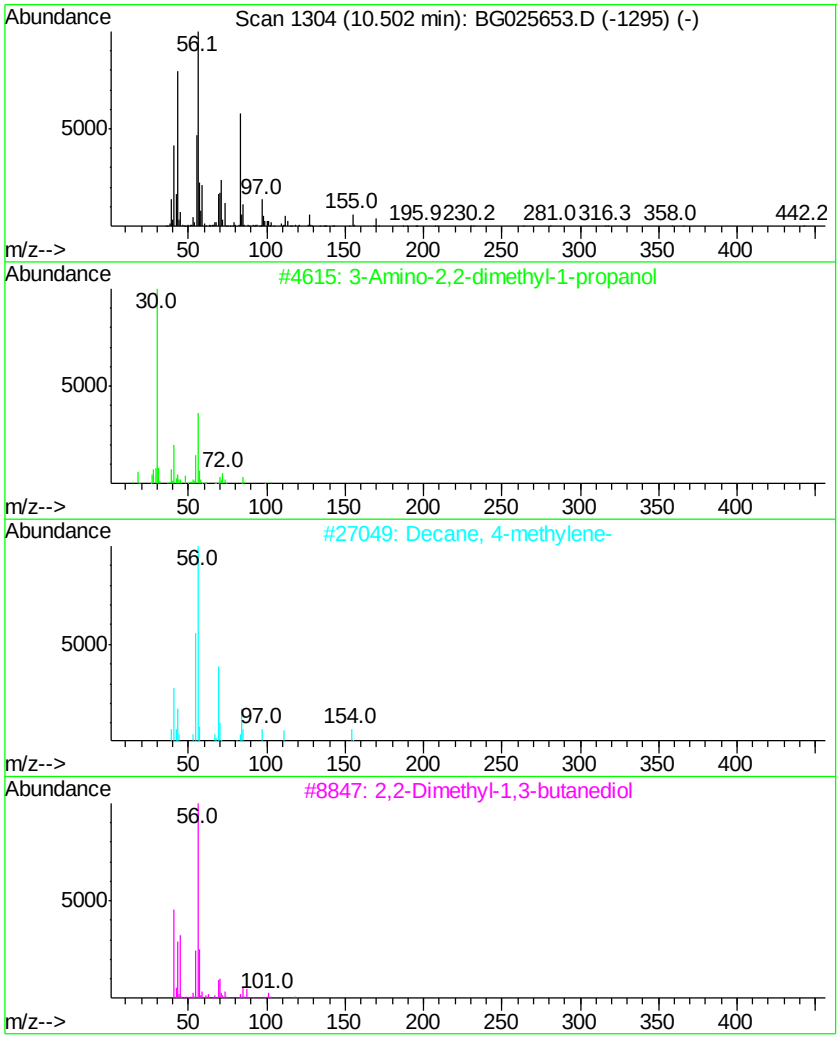
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

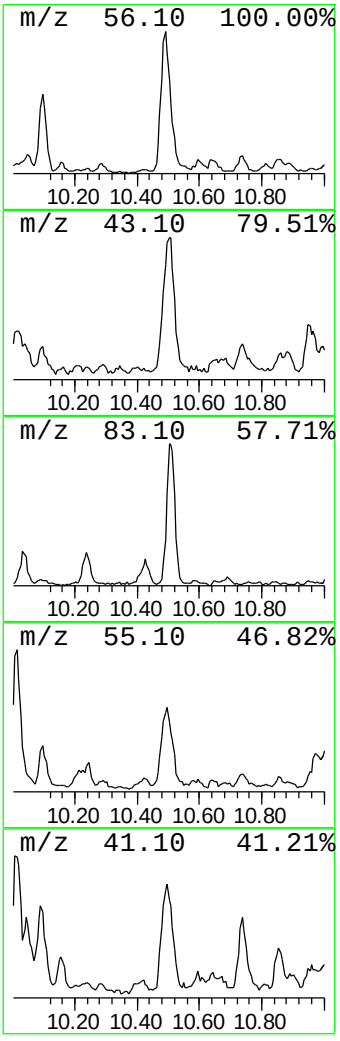
**********

Peak Number 14 3-Amino-2,2-dimethyl-1-prop... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.50 | 45.78 ng/ul | 2119740 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Amino-2,2-dimethyl-1-propanol | 103 | C5H13NO | 026734-09-8 | 53 |
| 2 | Decane, 4-methylene- | 154 | C11H22 | 024949-41-5 | 50 |
| 3 | 2,2-Dimethyl-1,3-butanediol | 118 | C6H14O2 | 000076-35-7 | 47 |
| 4 | 1-Hexene, 2-methyl- | 98 | C7H14 | 006094-02-6 | 46 |
| 5 | Cyclooctanamine | 127 | C8H17N | 005452-37-9 | 43 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

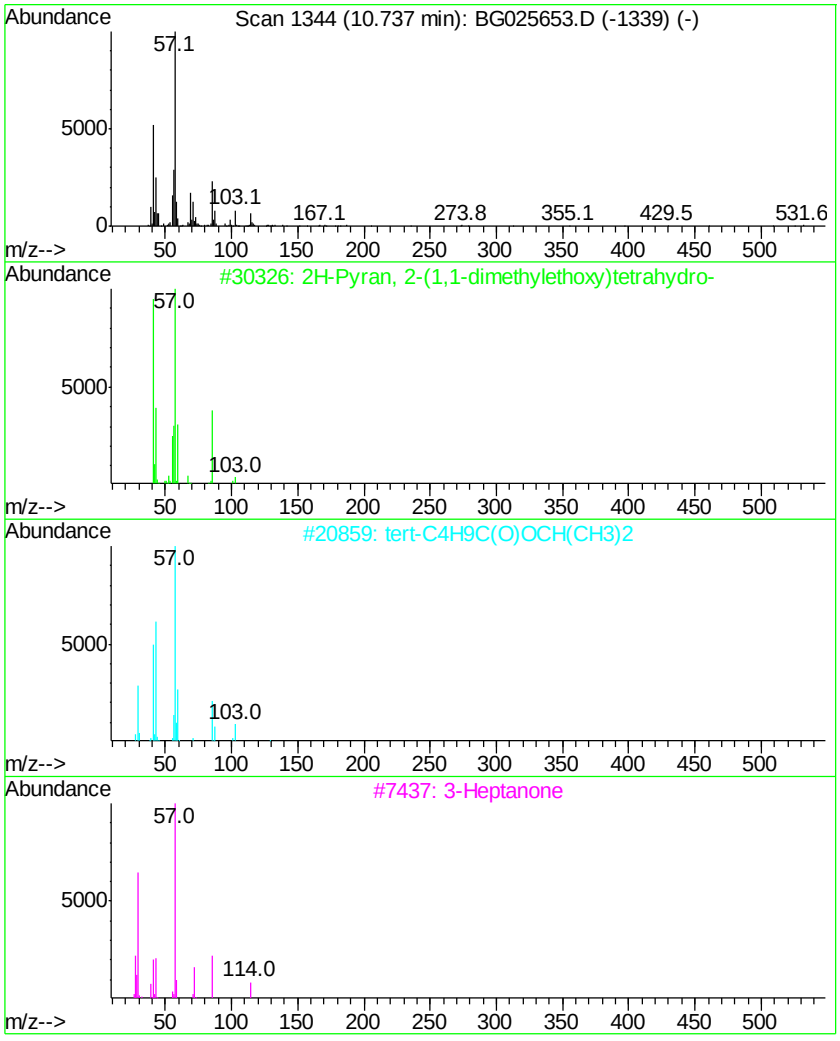
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

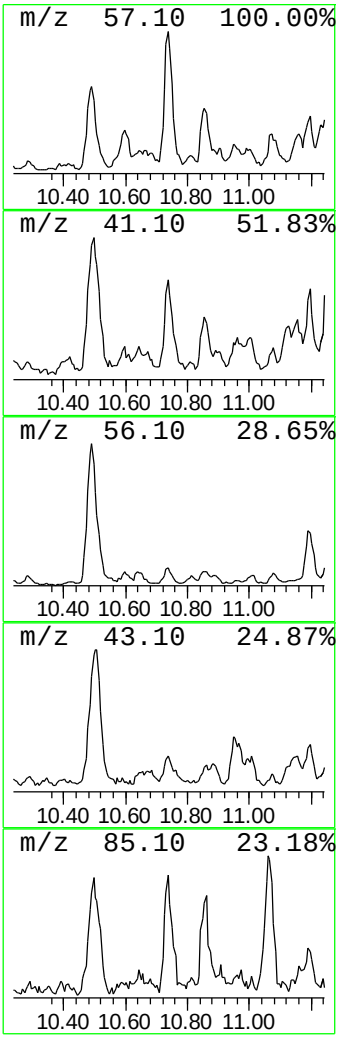
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 2H-Pyran, 2-(1,1-dimethylet... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.74 | 13.45 ng/ul | 622588 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Pyran, 2-(1,1-dimethylethoxy)... | 158 | C9H18O2 | 001927-69-1 | 50 |
| 2 | tert-C4H9C(O)OCH(CH3)2 | 144 | C8H16O2 | 005129-36-2 | 50 |
| 3 | 3-Heptanone | 114 | C7H14O | 000106-35-4 | 43 |
| 4 | 3-Heptanone | 114 | C7H14O | 000106-35-4 | 43 |
| 5 | Oxalic acid, isobutyl hexyl ester | 230 | C12H22O4 | 1000309-37-1 | 40 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

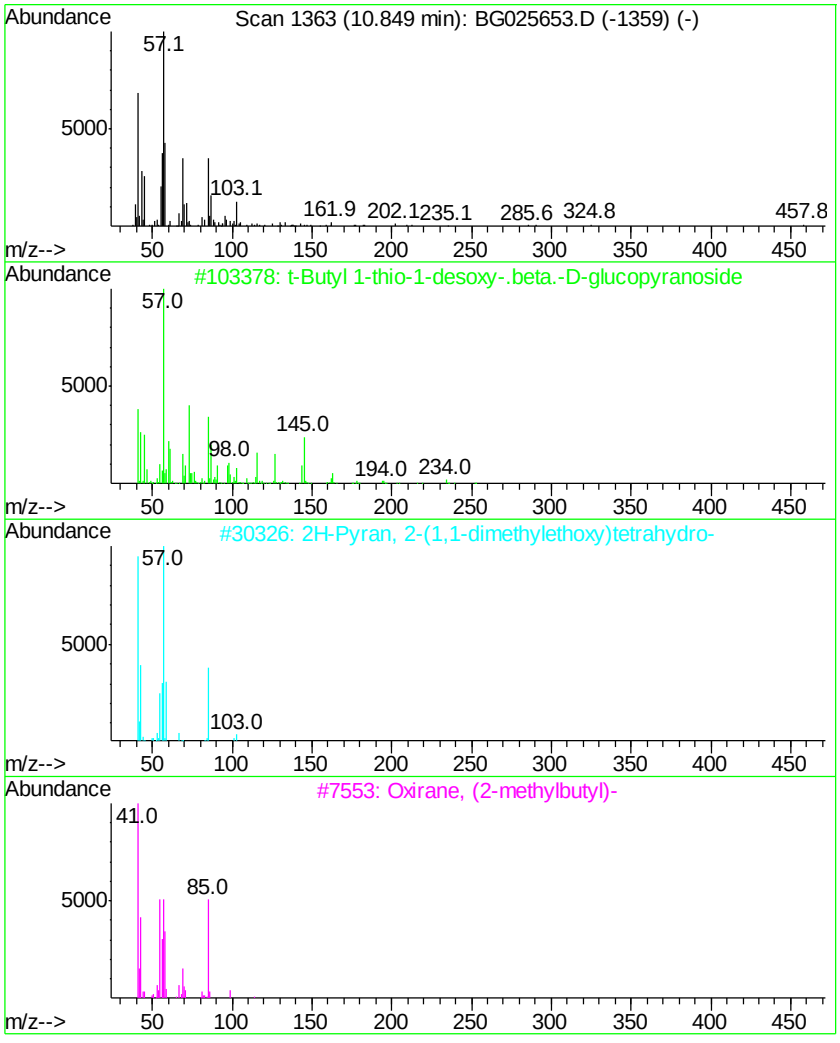
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

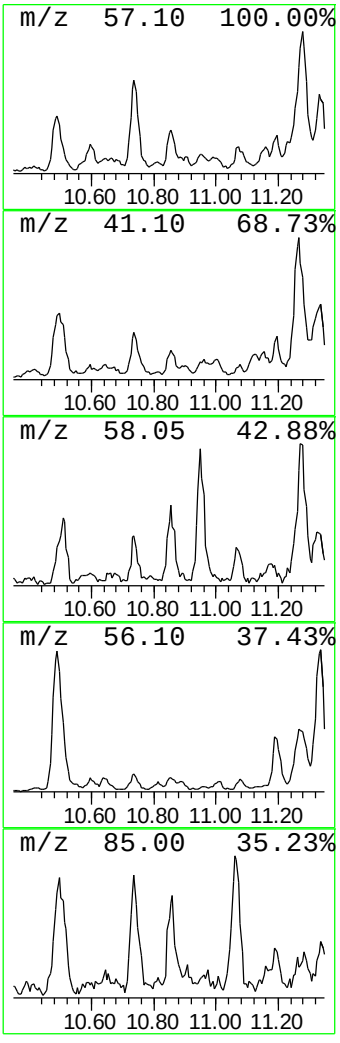
**********

Peak Number 16 unknown-08 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.85 | 7.50 ng/ul | 347276 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | t-Butyl 1-thio-1-desoxy-.beta.-D... | 252 | C10H20O5S | 1000126-98-1 | 43 |
| 2 | 2H-Pyran, 2-(1,1-dimethylethoxy)... | 158 | C9H18O2 | 001927-69-1 | 35 |
| 3 | Oxirane, (2-methylbutyl)- | 114 | C7H14O | 053229-42-8 | 35 |
| 4 | Butyl 2-(2-butoxyethoxy)acetate | 232 | C12H24O4 | 1000366-90-0 | 35 |
| 5 | 1-Hexanol, 3,5,5-trimethyl- | 144 | C9H20O | 003452-97-9 | 35 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

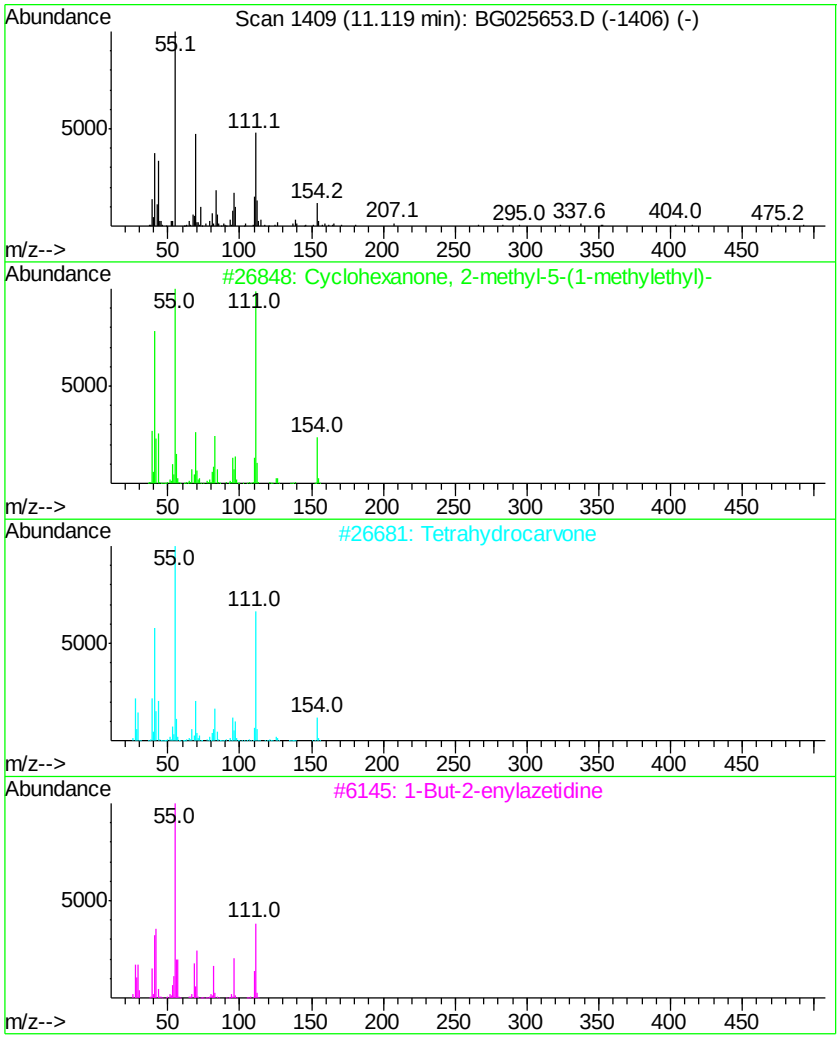
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

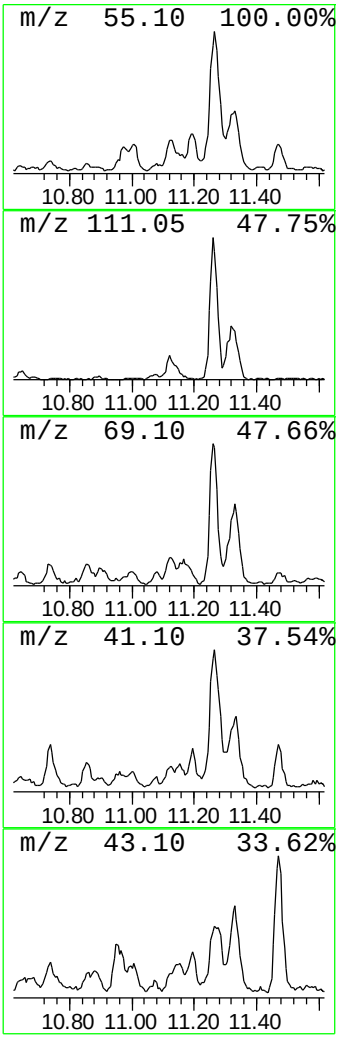
**********

Peak Number 17 Cyclohexanone, 2-methyl-5-(... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.12 | 5.16 ng/ul | 238752 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 2-methyl-5-(1-met... | 154 | C10H18O | 059471-80-6 | 52 |
| 2 | Tetrahydrocarvone | 154 | C10H18O | 000499-70-7 | 50 |
| 3 | 1-But-2-enylazetidine | 111 | C7H13N | 069416-65-5 | 33 |
| 4 | Cyclododecanemethanol | 198 | C13H26O | 001892-12-2 | 17 |
| 5 | 1-Propanone, 2-methyl-1-[2-(1-me... | 154 | C10H18O | 056259-15-5 | 16 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

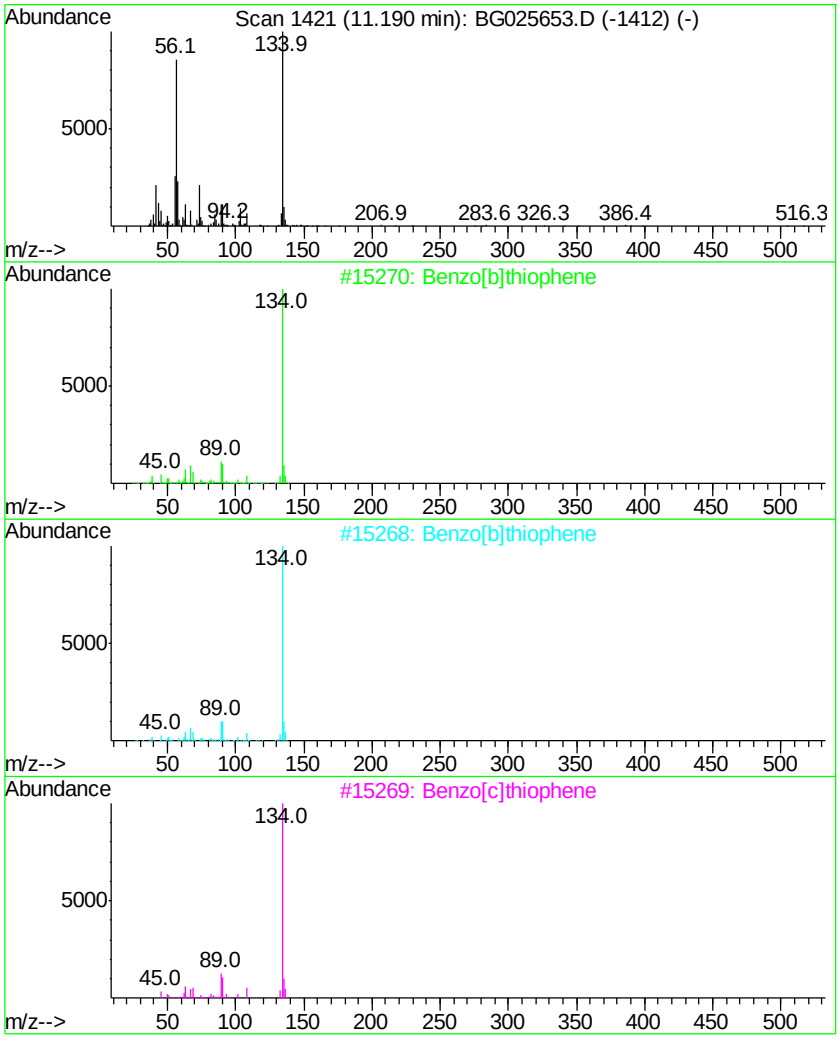
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

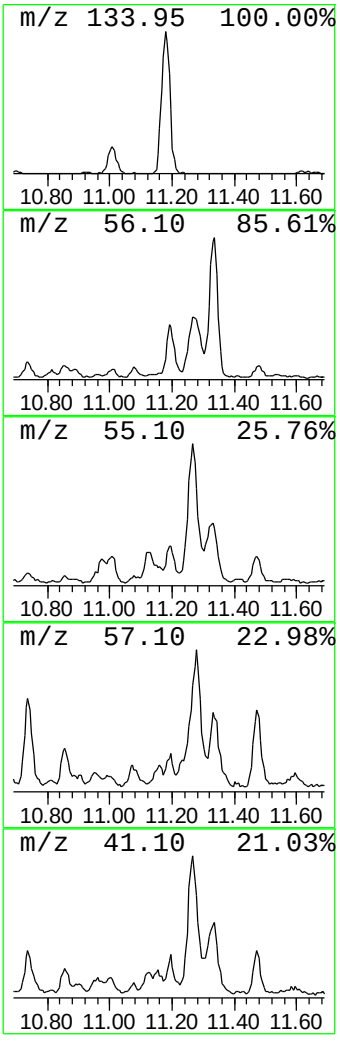
**********

Peak Number 18 Benzo[b]thiophene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.19 | 27.92 ng/ul | 1292650 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 86 |
| 2 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 50 |
| 3 | Benzo[c]thiophene | 134 | C8H6S | 000270-82-6 | 50 |
| 4 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 50 |
| 5 | Cyclopenta[c]thiapyran | 134 | C8H6S | 000270-63-3 | 45 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

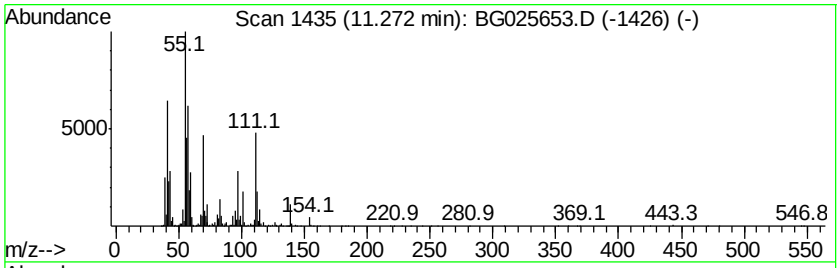
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

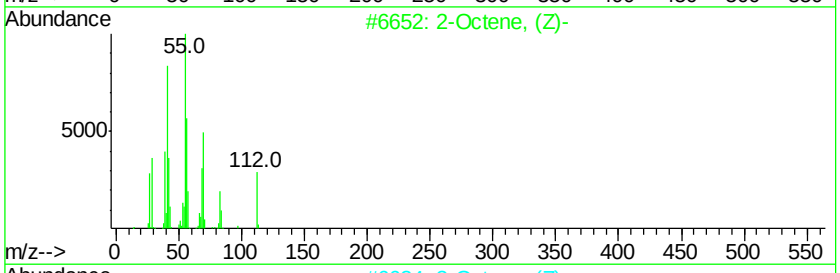
**********

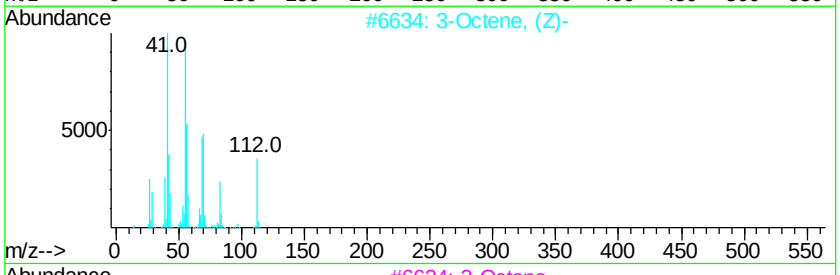
Peak Number 19 (DEL) Alkane: Cyclic11.27 Concentration Rank 3

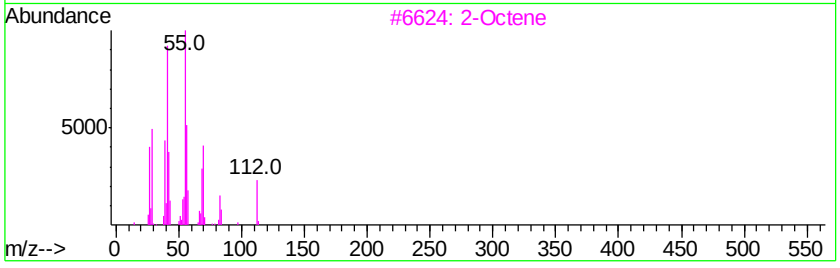
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.27 | 66.97 ng/ul | 3100650 | Naphthalene-d8 | 11.00 |

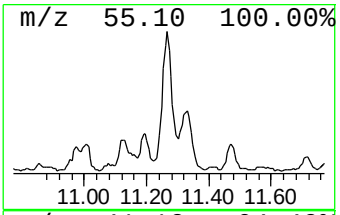
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Octene, (Z)- | 112 | C8H16 | 007642-04-8 | 38 |
| 2 | 3-Octene, (Z)- | 112 | C8H16 | 014850-22-7 | 30 |
| 3 | 2-Octene | 112 | C8H16 | 000111-67-1 | 30 |
| 4 | Cycloheptanone | 112 | C7H12O | 000502-42-1 | 30 |
| 5 | 2-Octene, (E)- | 112 | C8H16 | 013389-42-9 | 27 |

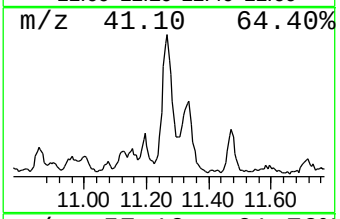


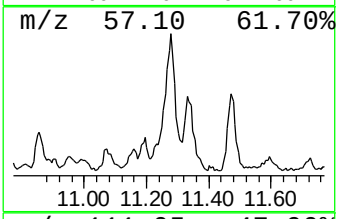



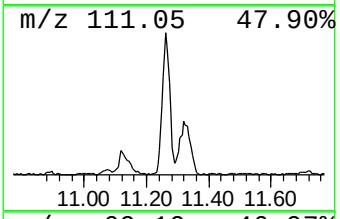



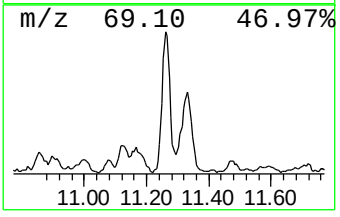



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

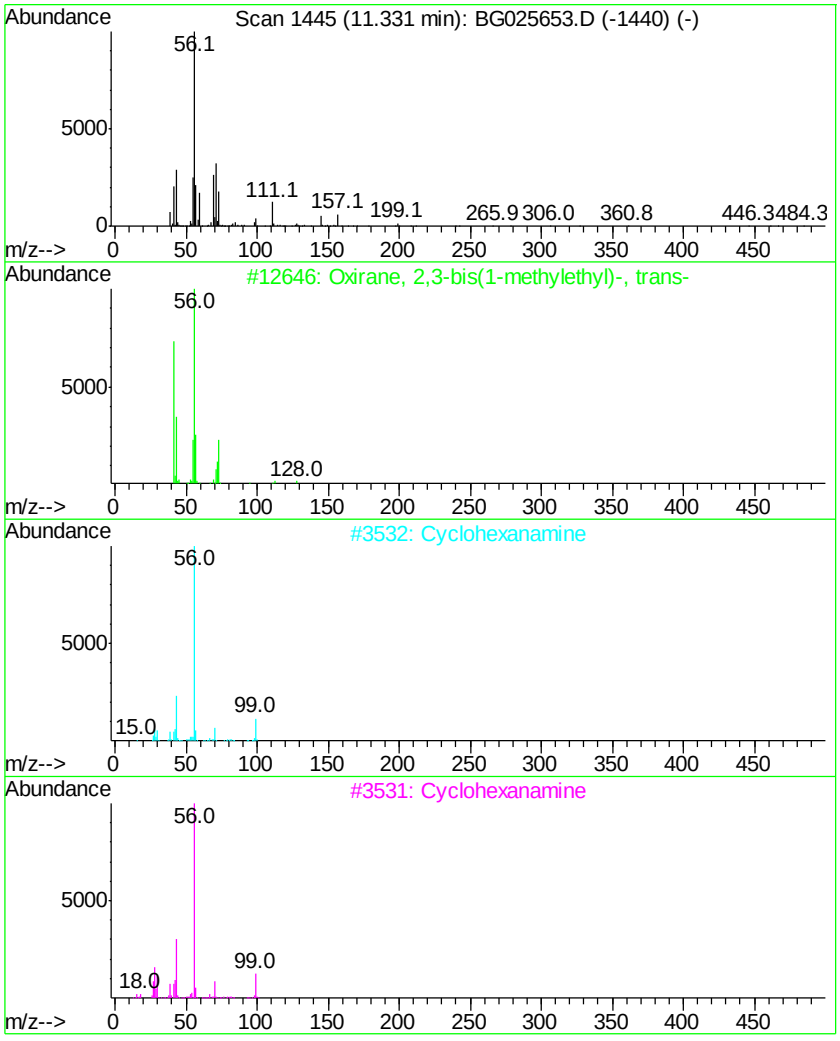
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

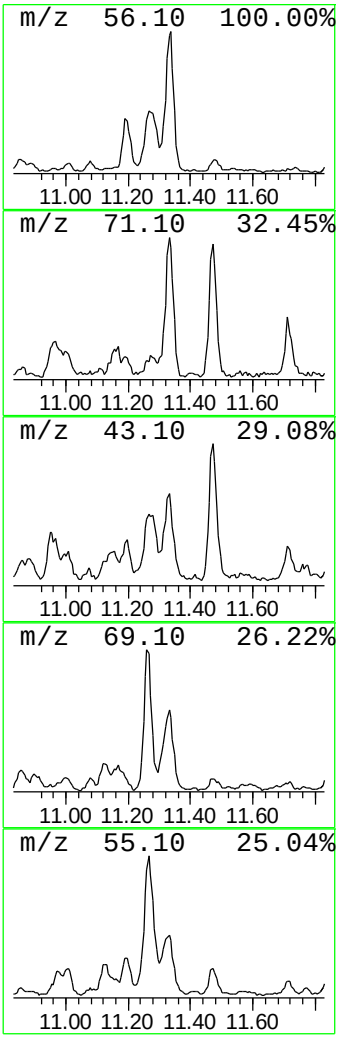
**********

Peak Number 20 unknown-09 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.33 | 44.38 ng/ul | 2054890 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, 2,3-bis(1-methylethyl)-... | 128 | C8H16O | 054644-32-5 | 47 |
| 2 | Cyclohexanamine | 99 | C6H13N | 000108-91-8 | 43 |
| 3 | Cyclohexanamine | 99 | C6H13N | 000108-91-8 | 43 |
| 4 | 2,4-Dipropyl-5-ethyl-1,3-dioxane | 200 | C12H24O2 | 006413-83-8 | 37 |
| 5 | Cyclopentane, (1,1-dimethylethyl)- | 126 | C9H18 | 003875-52-3 | 28 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

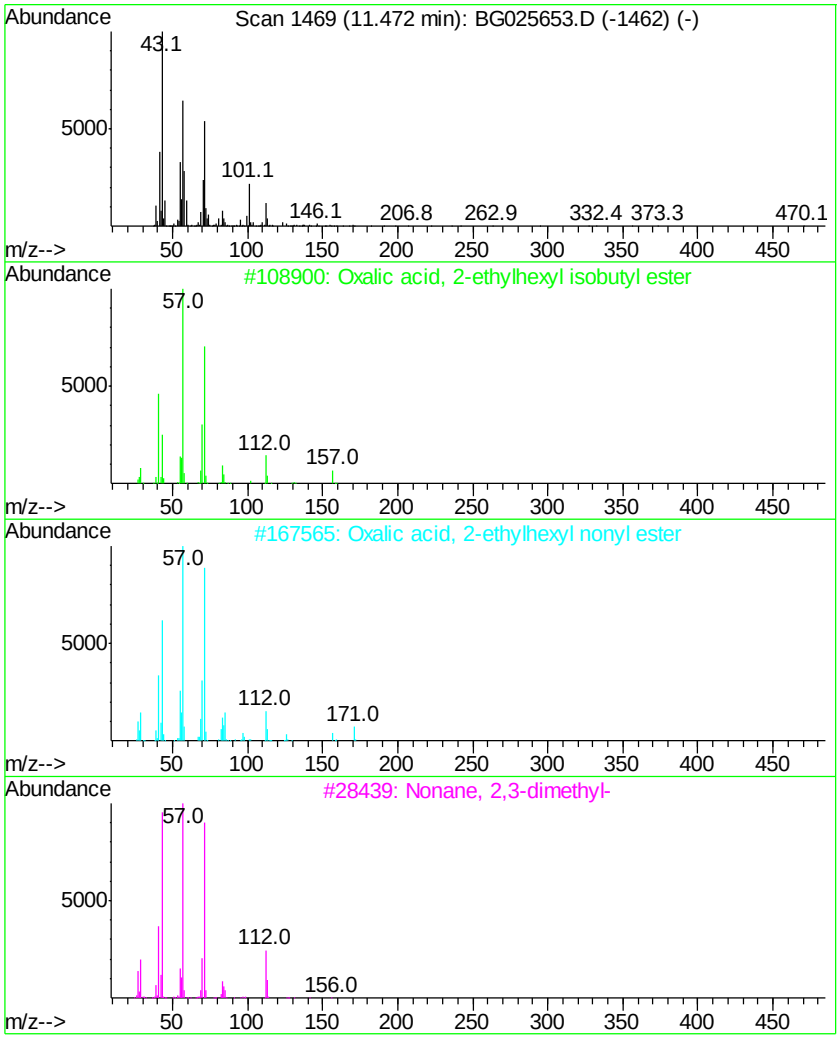
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

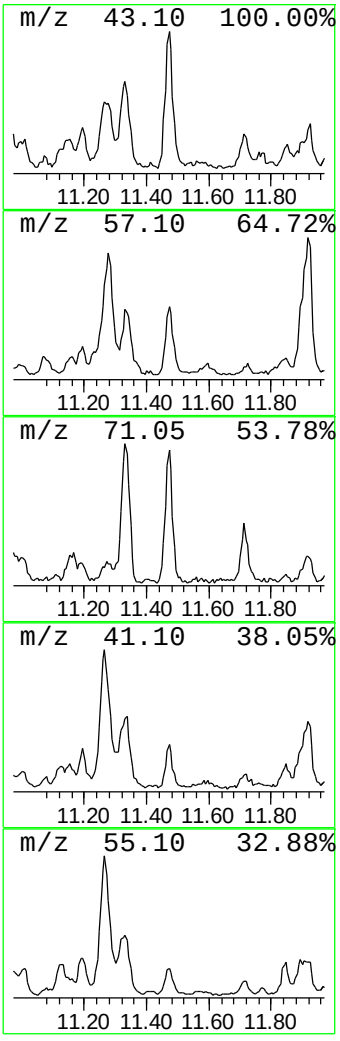
**********

Peak Number 21 unknown-10 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.47 | 23.04 ng/ul | 1066770 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxalic acid, 2-ethylhexyl isobut... | 258 | C14H26O4 | 1000309-38-5 | 49 |
| 2 | Oxalic acid, 2-ethylhexyl nonyl ... | 328 | C19H36O4 | 1000309-39-2 | 47 |
| 3 | Nonane, 2,3-dimethyl- | 156 | C11H24 | 002884-06-2 | 43 |
| 4 | Oxalic acid, 2-ethylhexyl pentyl... | 272 | C15H28O4 | 1000309-38-7 | 43 |
| 5 | Oxalic acid, butyl 2-ethylhexyl ... | 258 | C14H26O4 | 1000309-38-6 | 43 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

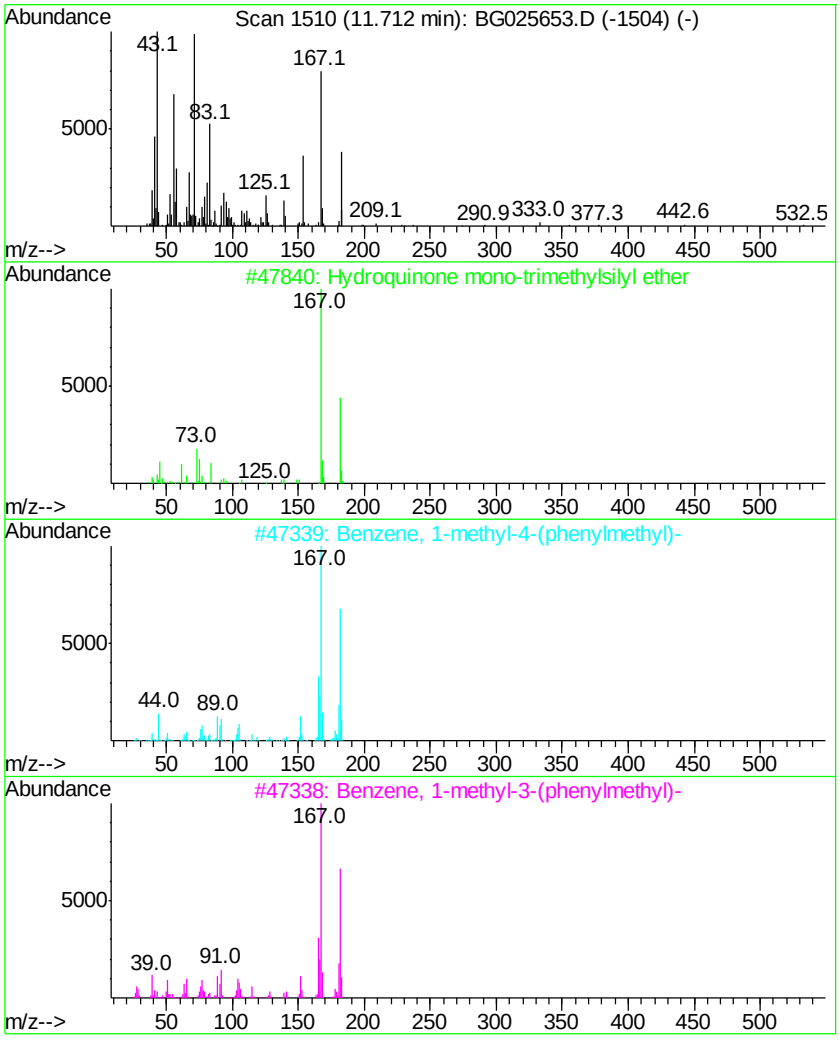
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

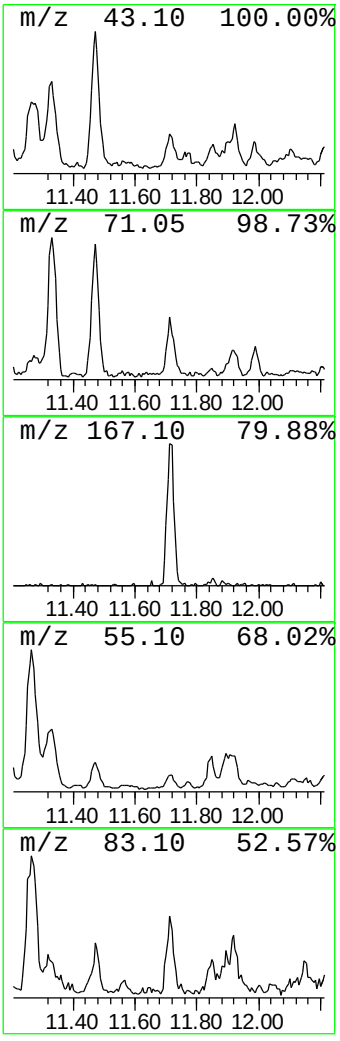
**********

Peak Number 22 unknown-11 Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.71 | 9.61 ng/ul | 445049 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hydroquinone mono-trimethylsilyl... | 182 | C9H14O2Si | 017881-87-7 | 27 |
| 2 | Benzene, 1-methyl-4-(phenylmethyl)- | 182 | C14H14 | 000620-83-7 | 27 |
| 3 | Benzene, 1-methyl-3-(phenylmethyl)- | 182 | C14H14 | 000620-47-3 | 27 |
| 4 | Thioguanine | 167 | C5H5N5S | 000154-42-7 | 25 |
| 5 | 5-Ethyl-3-nonen-6-one | 168 | C11H20O | 1000374-06-6 | 22 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

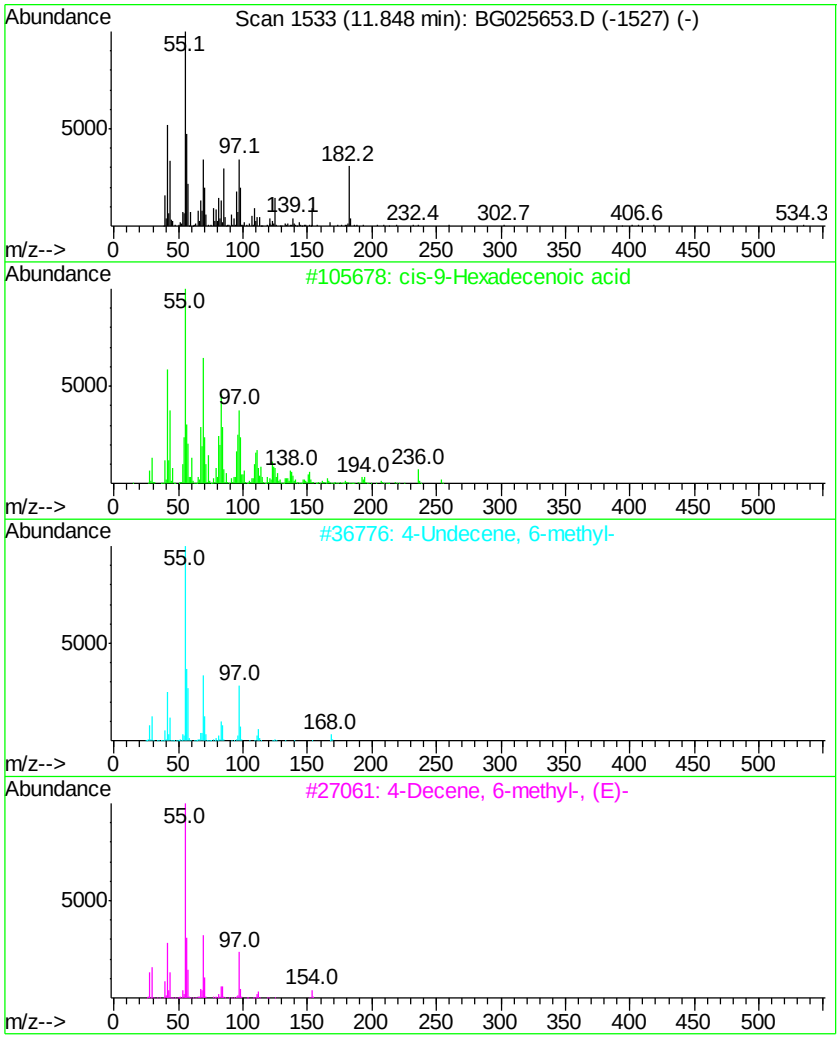
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

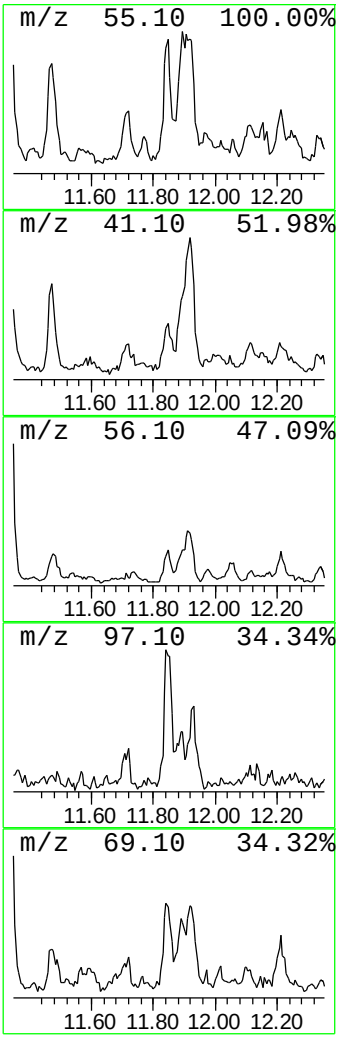
**********

Peak Number 23 unknown-12 Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.85 | 12.81 ng/ul | 592983 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-9-Hexadecenoic acid | 254 | C16H30O2 | 1000333-19-5 | 32 |
| 2 | 4-Undecene, 6-methyl- | 168 | C12H24 | 1000061-85-4 | 16 |
| 3 | 4-Decene, 6-methyl-, (E)- | 154 | C11H22 | 036229-57-9 | 16 |
| 4 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 16 |
| 5 | 3-Heptene, (E)- | 98 | C7H14 | 014686-14-7 | 14 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

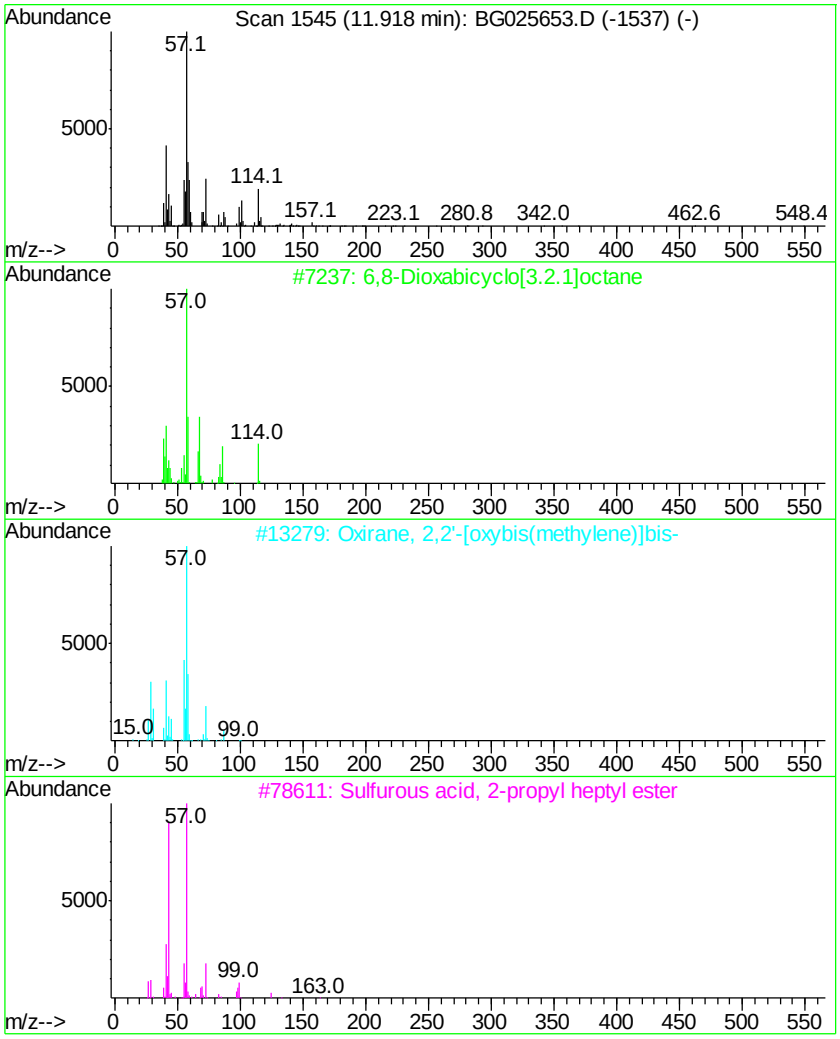
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

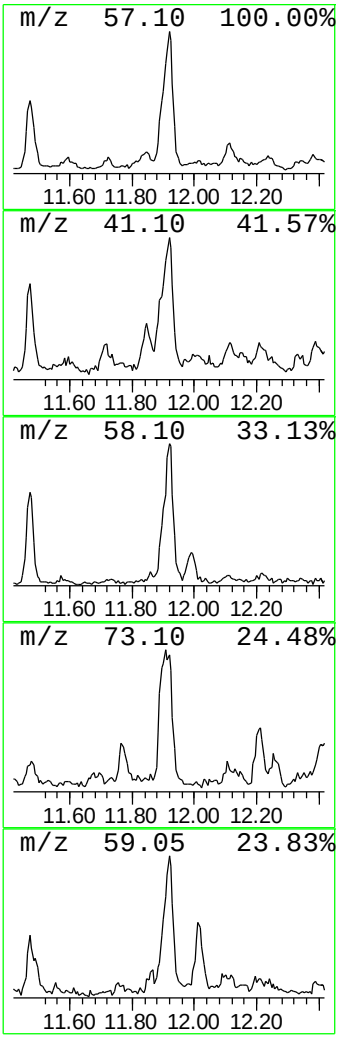
**********

Peak Number 24 unknown-13 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.92 | 36.48 ng/ul | 1688970 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6,8-Dioxabicyclo[3.2.1]octane | 114 | C6H10O2 | 000280-16-0 | 35 |
| 2 | Oxirane, 2,2'-[oxybis(methylene)... | 130 | C6H10O3 | 002238-07-5 | 32 |
| 3 | Sulfurous acid, 2-propyl heptyl ... | 222 | C10H22O3S | 1000309-11-8 | 27 |
| 4 | 1-Butoxypropan-2-yl isobutyl car... | 232 | C12H24O4 | 1000378-27-6 | 23 |
| 5 | Butanoic acid, 2,2-diethyl- | 144 | C8H16O2 | 000813-58-1 | 12 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

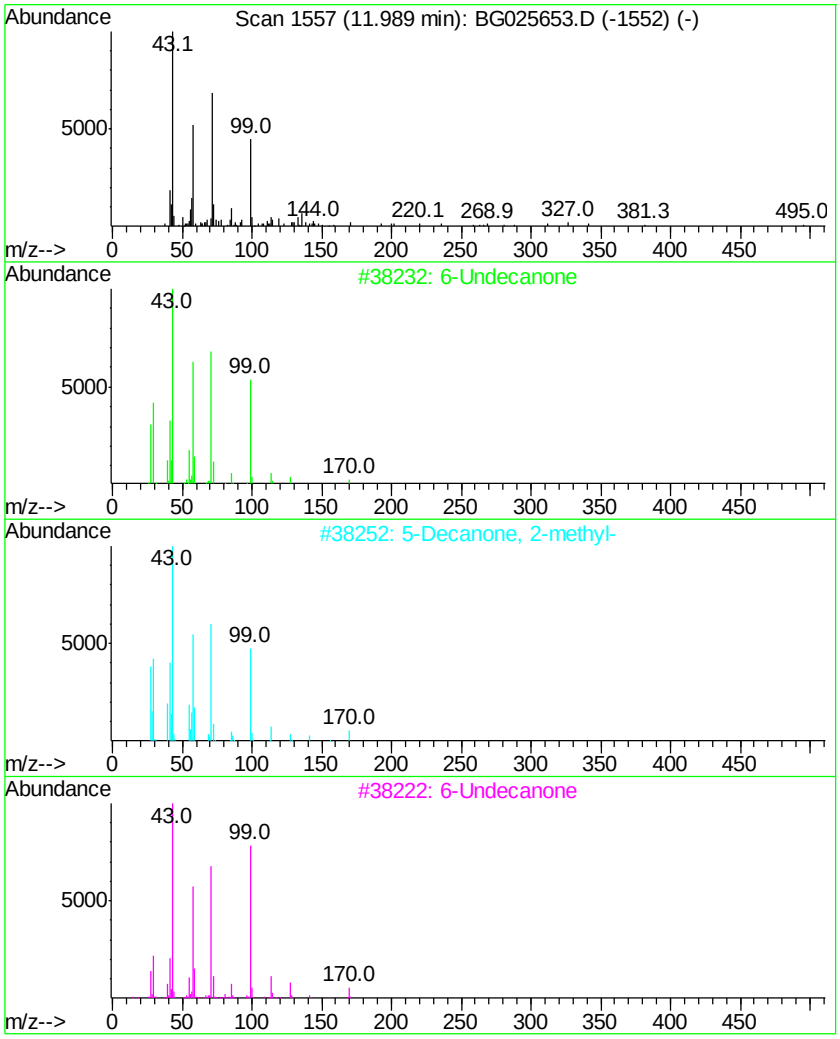
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

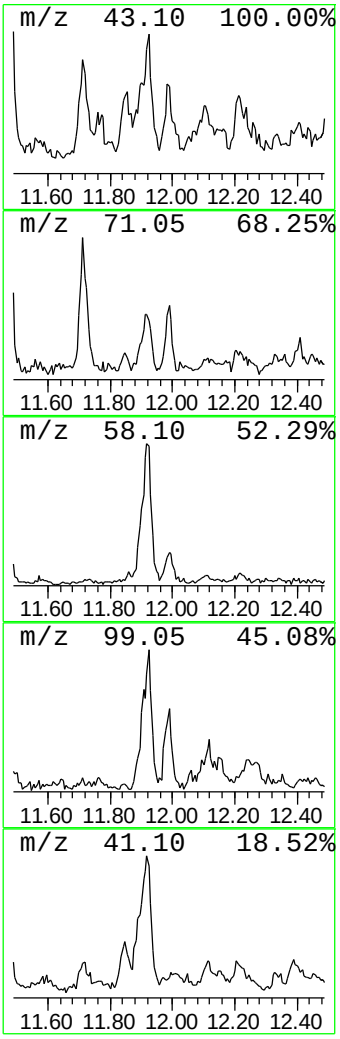
**********

Peak Number 25 6-Undecanone Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.99 | 4.44 ng/ul | 205764 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Undecanone | 170 | C11H22O | 000927-49-1 | 86 |
| 2 | 5-Decanone, 2-methyl- | 170 | C11H22O | 054410-89-8 | 78 |
| 3 | 6-Undecanone | 170 | C11H22O | 000927-49-1 | 64 |
| 4 | Silane, ethenyldiethylmethyl- | 128 | C7H16Si | 018292-29-0 | 52 |
| 5 | 4-Nonanone | 142 | C9H18O | 004485-09-0 | 50 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

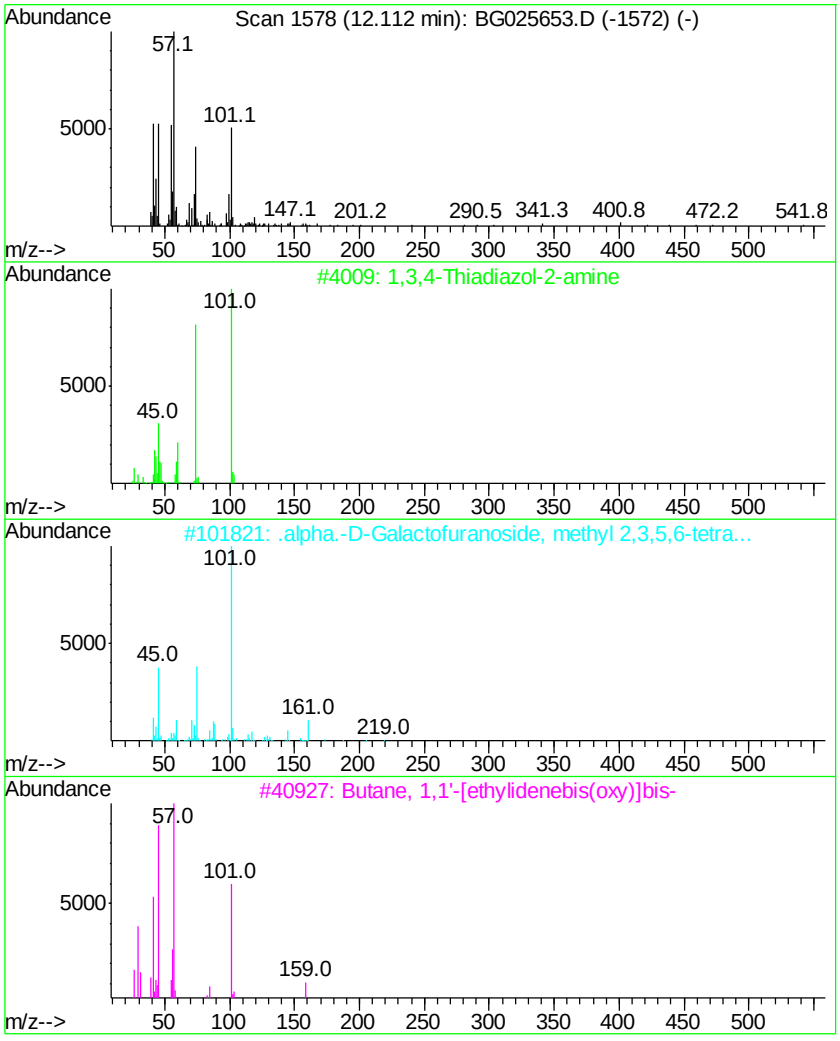
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

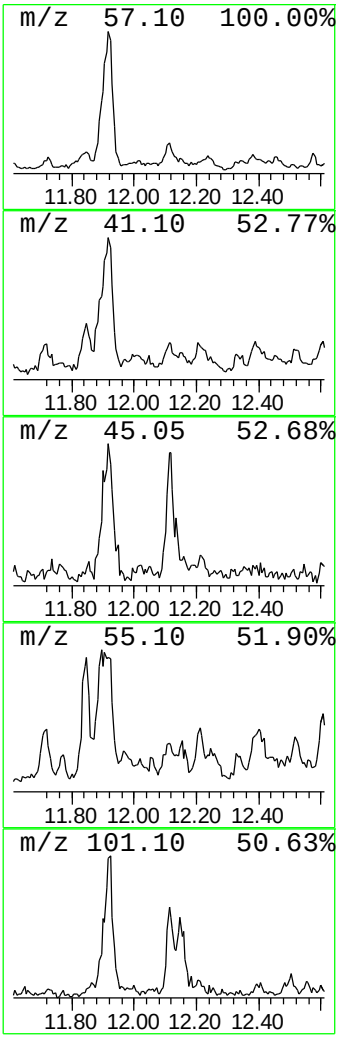
**********

Peak Number 26 unknown-14 Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.11 | 5.19 ng/ul | 240271 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3,4-Thiadiazol-2-amine | 101 | C2H3N3S | 004005-51-0 | 43 |
| 2 | .alpha.-D-Galactofuranoside, met... | 250 | C11H22O6 | 010225-58-8 | 43 |
| 3 | Butane, 1,1'-[ethylidenebis(oxy)... | 174 | C10H22O2 | 000871-22-7 | 38 |
| 4 | Hydrazine, 1,1-bis(2-methylpropyl)- | 144 | C8H20N2 | 016596-38-6 | 38 |
| 5 | Pentanoic acid, 4,4-dimethyl-3-o... | 158 | C8H14O3 | 055107-14-7 | 38 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

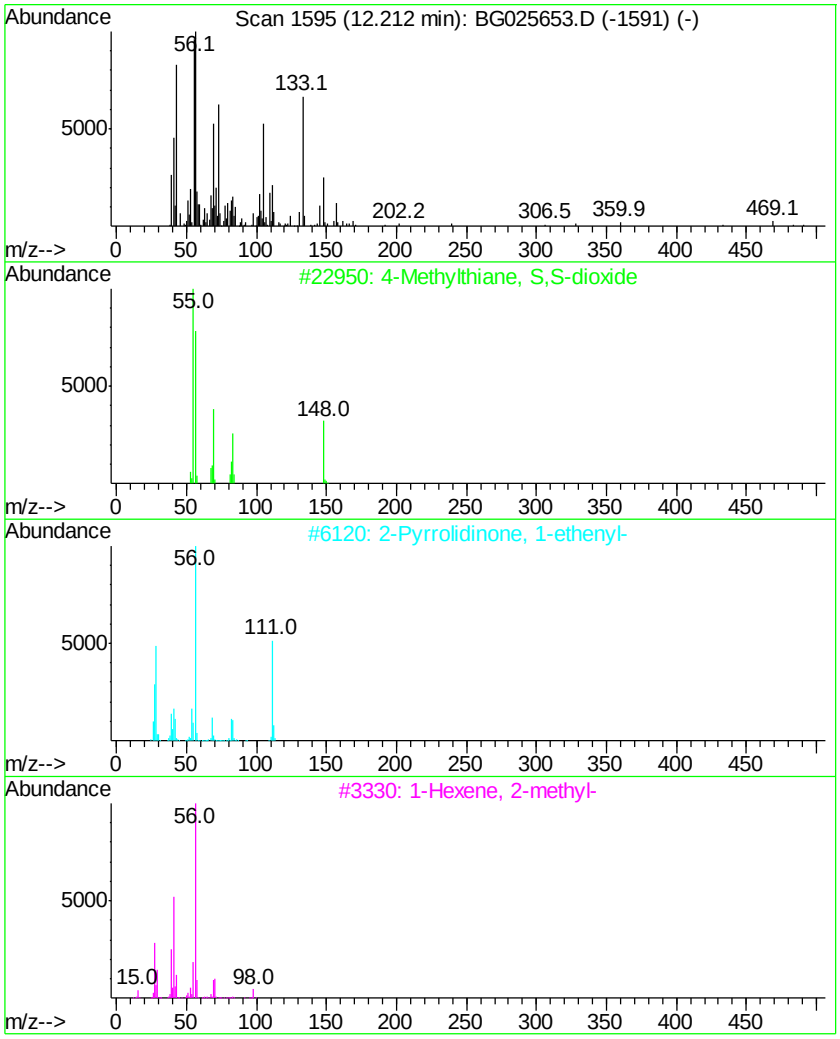
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

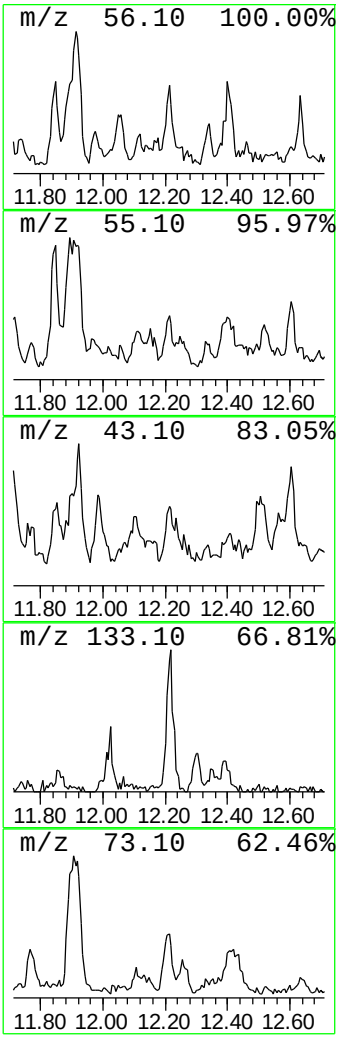
**********

Peak Number 27 unknown-15 Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.21 | 10.68 ng/ul | 494283 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Methylthiane, S,S-dioxide | 148 | C6H12O2S | 067512-92-9 | 45 |
| 2 | 2-Pyrrolidinone, 1-ethenyl- | 111 | C6H9NO | 000088-12-0 | 38 |
| 3 | 1-Hexene, 2-methyl- | 98 | C7H14 | 006094-02-6 | 30 |
| 4 | 4-(5-Methoxyindol-3-ylmethylenea... | 360 | C21H20N4O2 | 1000223-65-7 | 30 |
| 5 | 1-Hexene, 2-methyl- | 98 | C7H14 | 006094-02-6 | 27 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

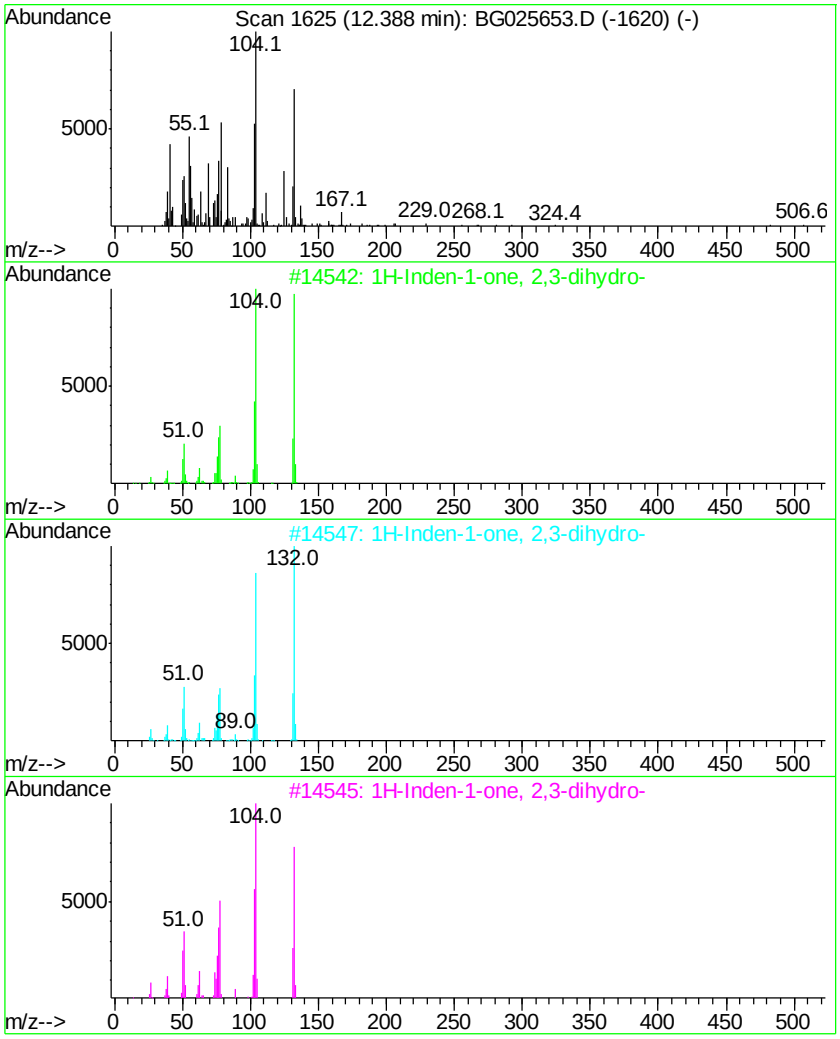
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

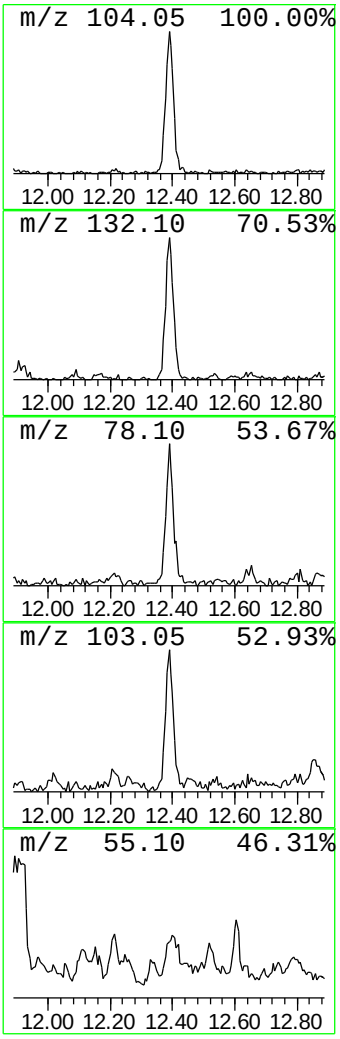
**********

Peak Number 28 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.39 | 11.42 ng/ul | 528893 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 76 |
| 2 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 64 |
| 3 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 60 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene | 104 | C8H8 | 000694-87-1 | 53 |
| 5 | Styrene | 104 | C8H8 | 000100-42-5 | 53 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

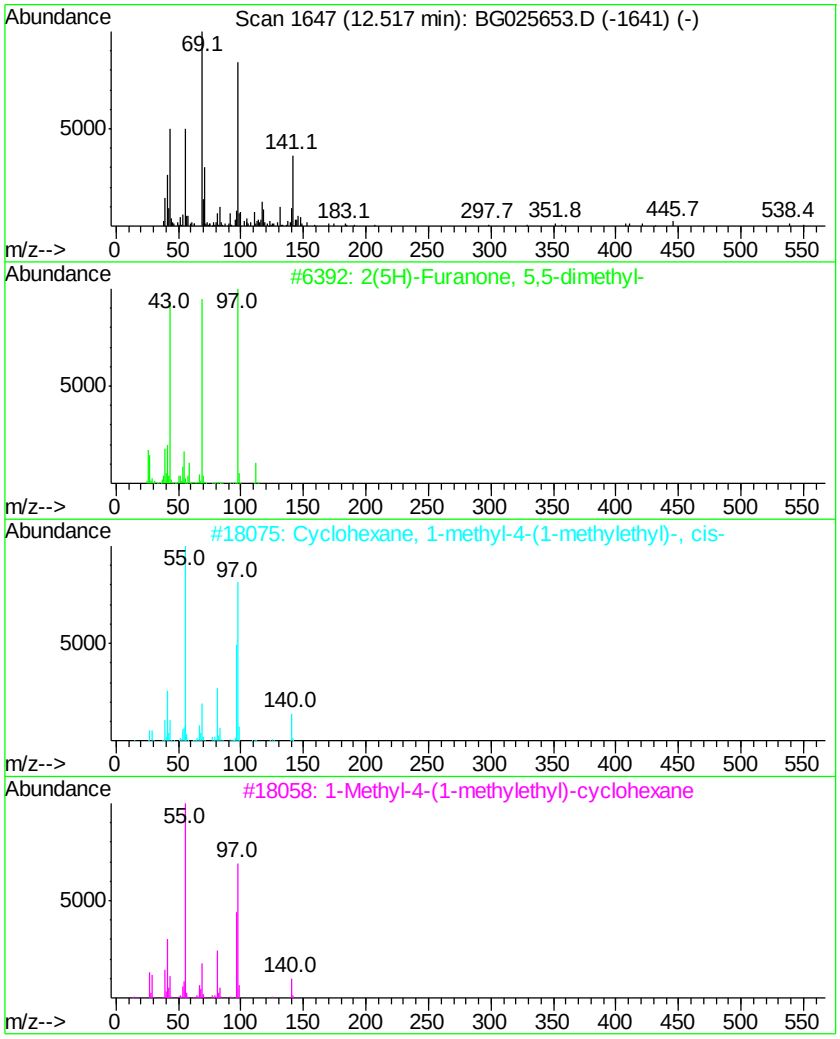
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

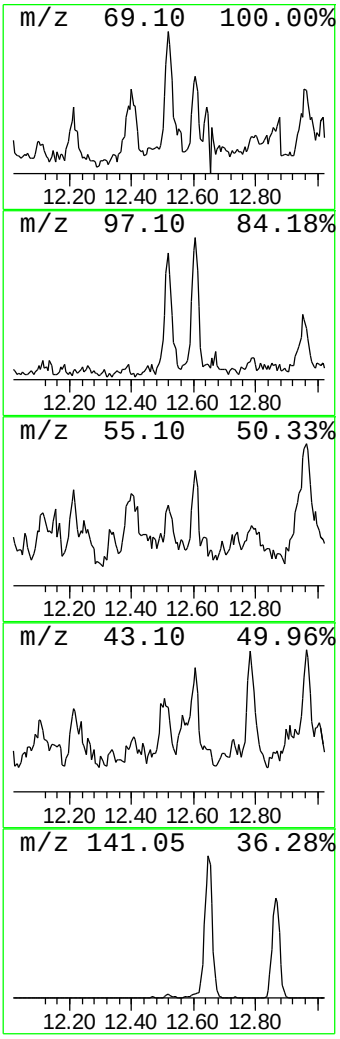
**********

Peak Number 29 2(5H)-Furanone, 5,5-dimethyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.52 | 6.76 ng/ul | 313181 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2(5H)-Furanone, 5,5-dimethyl- | 112 | C6H8O2 | 020019-64-1 | 59 |
| 2 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 38 |
| 3 | 1-Methyl-4-(1-methylethyl)-cyclo... | 140 | C10H20 | 000099-82-1 | 35 |
| 4 | 4-Hepten-3-one, 2,6-dimethyl- | 140 | C9H16O | 056259-14-4 | 35 |
| 5 | cis-2-Oxabicyclo[4.4.0]decane | 140 | C9H16O | 060416-19-5 | 35 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

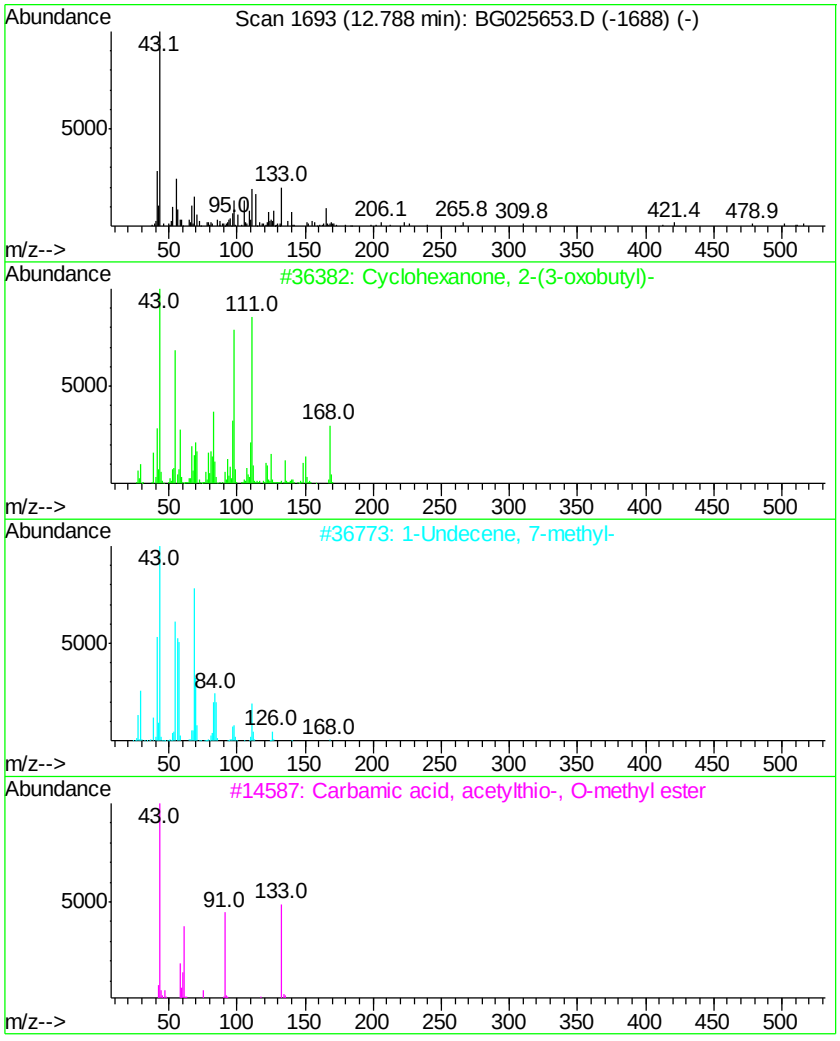
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

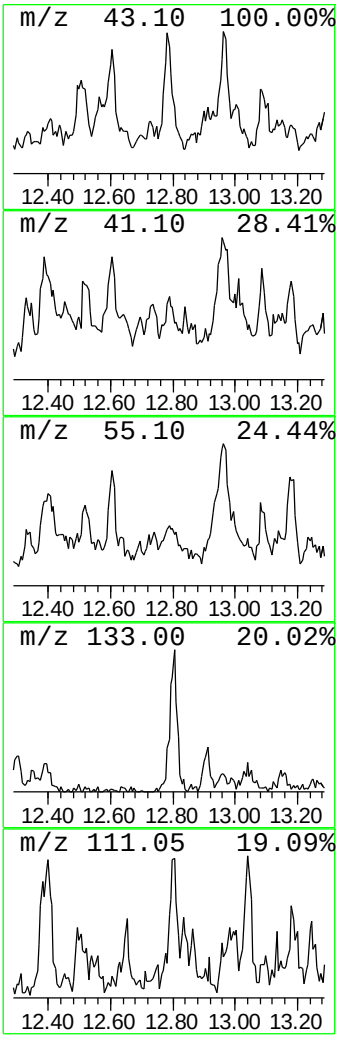
**********

Peak Number 30 unknown-16 Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.79 | 4.40 ng/ul | 203667 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 2-(3-oxobutyl)- | 168 | C10H16O2 | 026942-62-1 | 12 |
| 2 | 1-Undecene, 7-methyl- | 168 | C12H24 | 074630-42-5 | 12 |
| 3 | Carbamic acid, acetylthio-, O-me... | 133 | C4H7NO2S | 016696-87-0 | 9 |
| 4 | 1-[1,2,4]Triazol-1-ylethanone | 111 | C4H5N3O | 015625-88-4 | 9 |
| 5 | Dimethylmalonic acid, decyl isoh... | 356 | C21H40O4 | 1000361-72-0 | 9 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

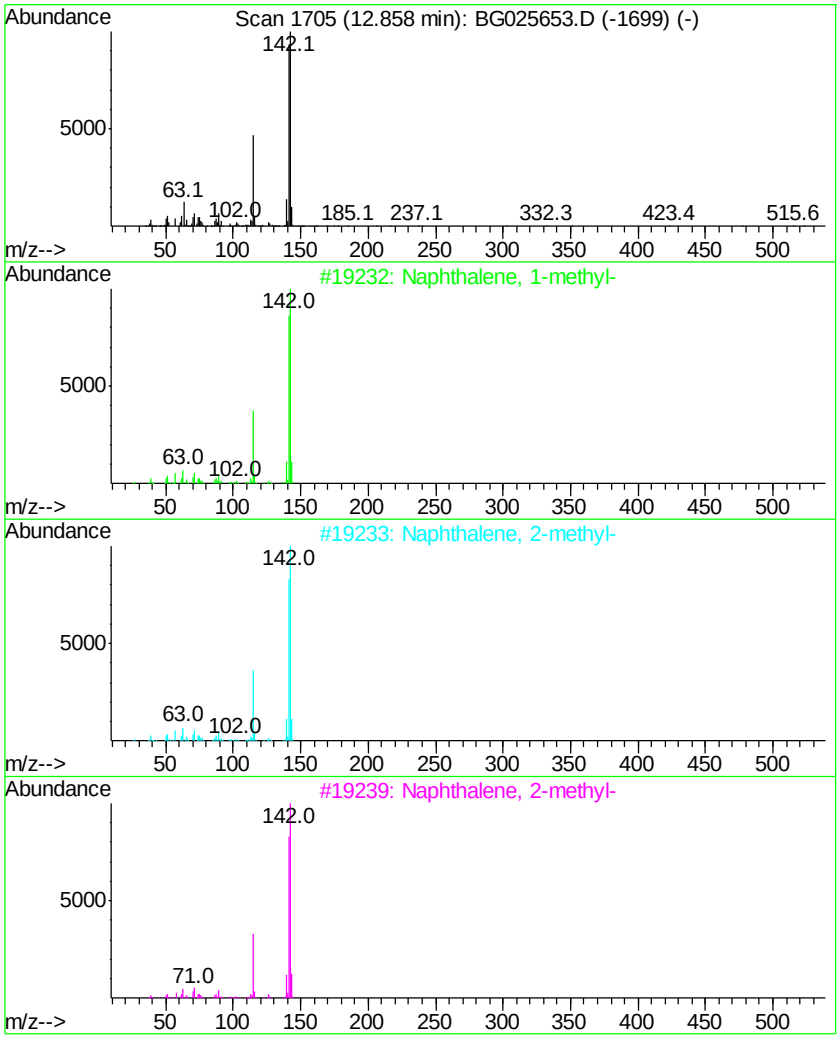
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

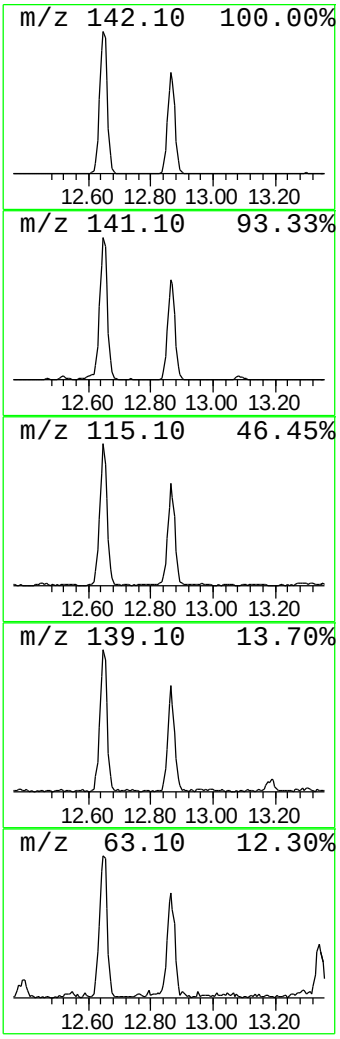
**********

Peak Number 31 Naphthalene, 1-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.86 | 35.60 ng/ul | 1648170 | Naphthalene-d8 | 11.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 94 |
| 4 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 94 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

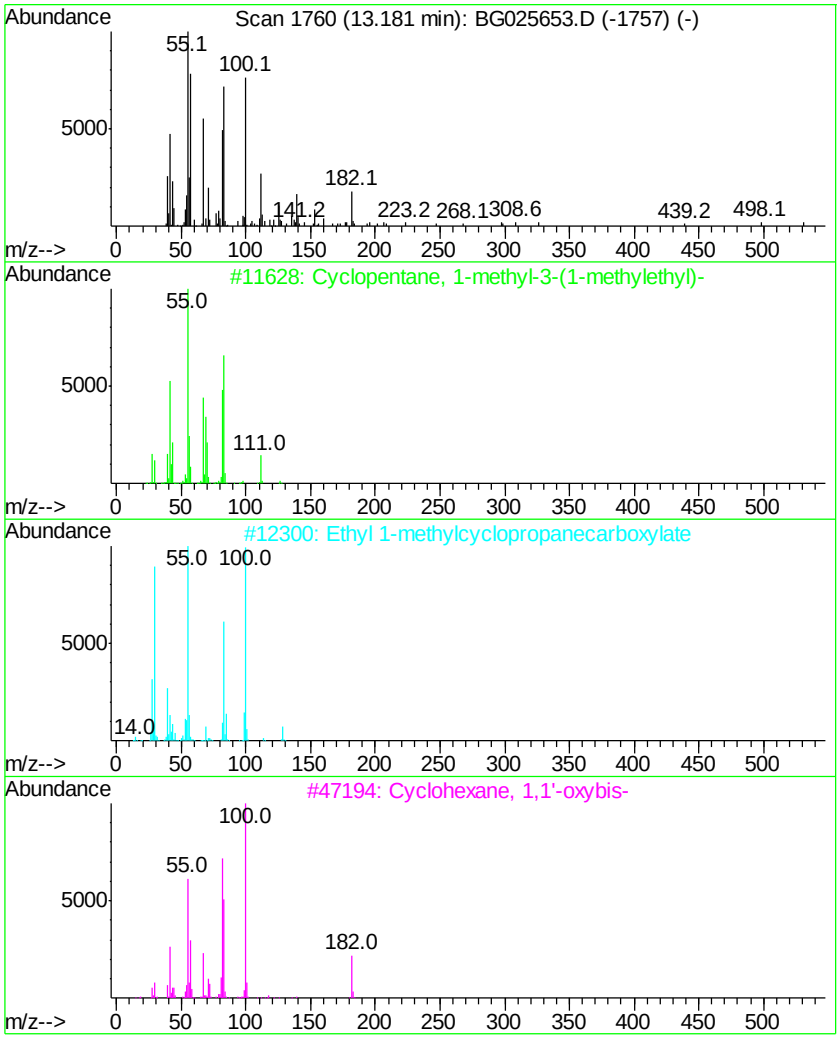
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

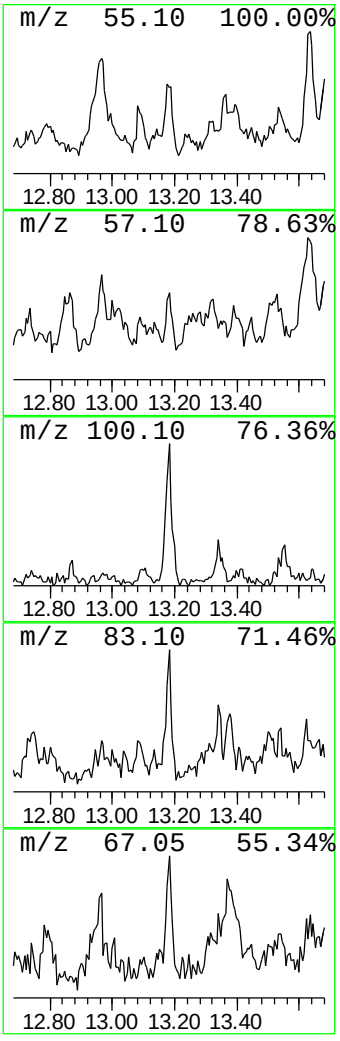
**********

Peak Number 33 (DEL) Alkane: Cyclic13.18 Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.18 | 2.38 ng/ul | 217209 | Acenaphthene-d10 | 14.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1-methyl-3-(1-meth... | 126 | C9H18 | 053771-88-3 | 43 |
| 2 | Ethyl 1-methylcyclopropanecarbox... | 128 | C7H12O2 | 071441-76-4 | 38 |
| 3 | Cyclohexane, 1,1'-oxybis- | 182 | C12H22O | 004645-15-2 | 38 |
| 4 | Tridecane, 5-cyclohexyl- | 266 | C19H38 | 013151-90-1 | 38 |
| 5 | Vinylcyclohexyl ether | 126 | C8H14O | 002182-55-0 | 35 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

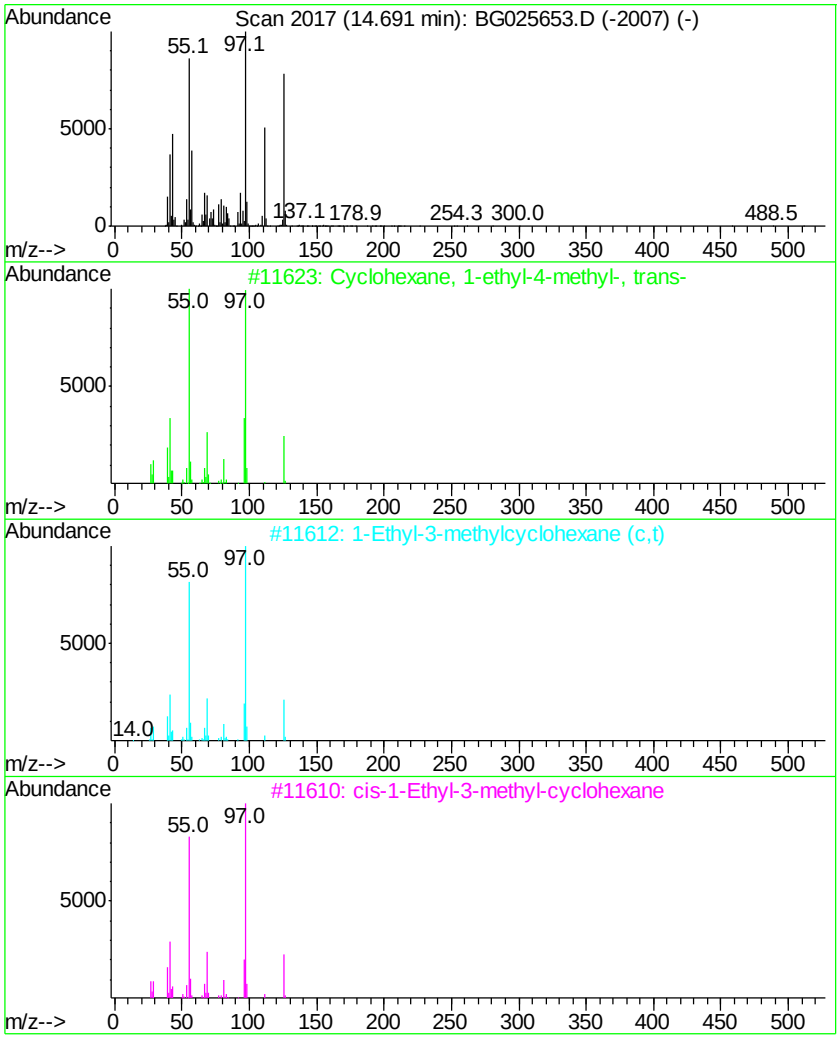
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

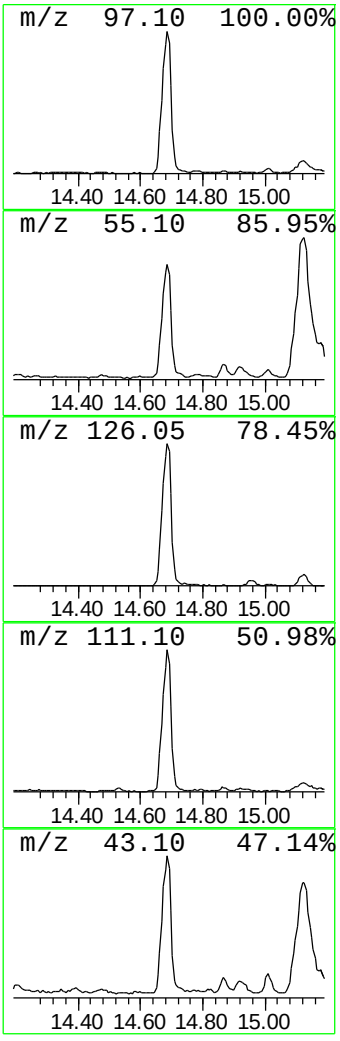
**********

Peak Number 40 (DEL) Alkane: Cyclic14.69 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.69 | 107.60 ng/ul | 9811370 | Acenaphthene-d10 | 14.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 006236-88-0 | 76 |
| 2 | 1-Ethyl-3-methylcyclohexane (c,t) | 126 | C9H18 | 003728-55-0 | 68 |
| 3 | cis-1-Ethyl-3-methyl-cyclohexane | 126 | C9H18 | 019489-10-2 | 59 |
| 4 | 3,5-Dimethyl-3-heptene | 126 | C9H18 | 059643-68-4 | 59 |
| 5 | 1H-Pyrazole, 4,5-dihydro-3-methy... | 126 | C7H14N2 | 026964-49-8 | 50 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

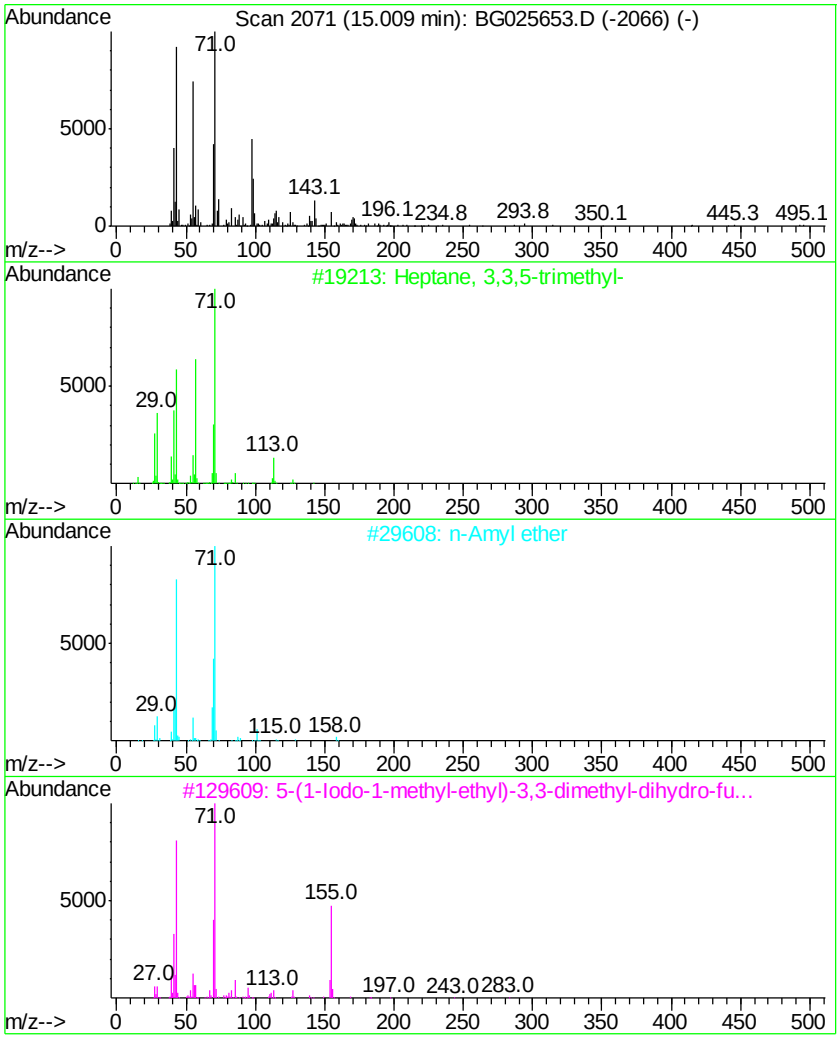
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

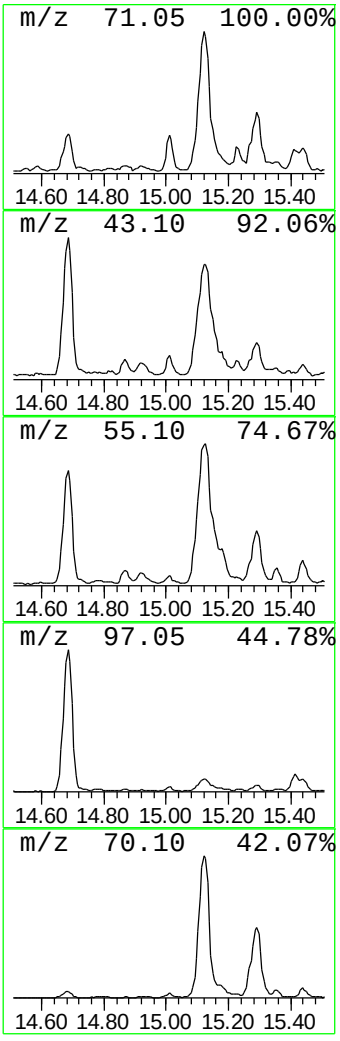
**********

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.01 | 7.51 ng/ul | 684379 | Acenaphthene-d10 | 14.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 3,3,5-trimethyl- | 142 | C10H22 | 007154-80-5 | 38 |
| 2 | n-Amyl ether | 158 | C10H22O | 000693-65-2 | 38 |
| 3 | 5-(1-Iodo-1-methyl-ethyl)-3,3-di... | 282 | C9H15IO2 | 1000190-61-9 | 38 |
| 4 | Pentane, 3,3-dimethyl- | 100 | C7H16 | 000562-49-2 | 35 |
| 5 | Pentane, 3,3-dimethyl- | 100 | C7H16 | 000562-49-2 | 35 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

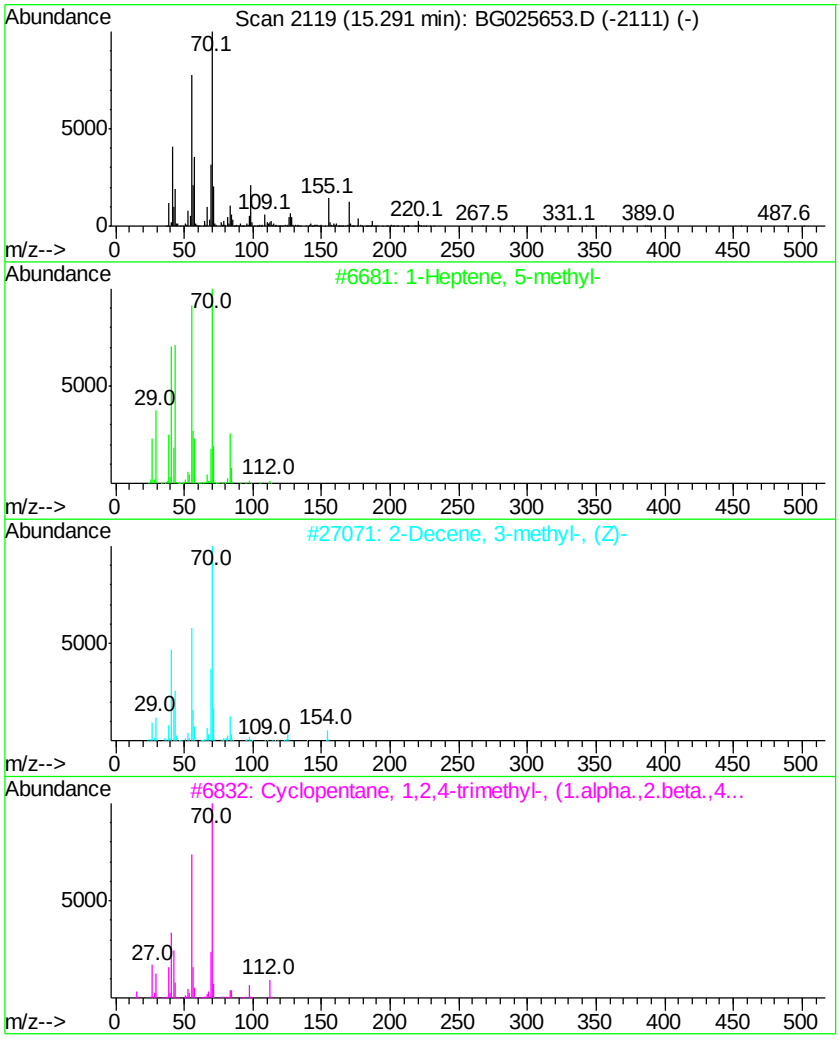
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

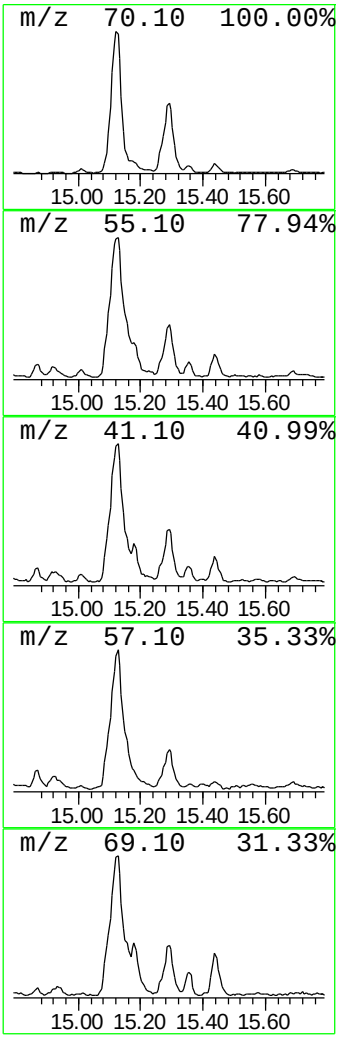
**********

Peak Number 42 (DEL) Alkane: Cyclic15.29 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.29 | 40.82 ng/ul | 3722140 | Acenaphthene-d10 | 14.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptene, 5-methyl- | 112 | C8H16 | 013151-04-7 | 58 |
| 2 | 2-Decene, 3-methyl-, (Z)- | 154 | C11H22 | 074630-26-5 | 53 |
| 3 | Cyclopentane, 1,2,4-trimethyl-, ... | 112 | C8H16 | 016883-48-0 | 50 |
| 4 | Cyclobutane, 2-ethyl-1-methyl-3-... | 140 | C10H20 | 061233-72-5 | 50 |
| 5 | Cyclopentane, 1,3-dimethyl- | 98 | C7H14 | 002453-00-1 | 50 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012517\
Data File : BG025653.D
Acq On : 26 Jan 2017 4:12
Operator : SJ/MA
Sample : I1387-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA9Q8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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 |
| 4-Heptanone, 2,6-... | 7.29 | 4.0 | ng/ul | 1304410 | 1 | 8.18 | 6503830 | 20.0 |
| 2-Heptanone, 4,6-... | 7.57 | 9.5 | ng/ul | 3089210 | 1 | 8.18 | 6503830 | 20.0 |
| Cyclohexanone, 3,... | 8.60 | 20.7 | ng/ul | 6739180 | 1 | 8.18 | 6503830 | 20.0 |
| unknown-01 | 8.80 | 2.0 | ng/ul | 663682 | 1 | 8.18 | 6503830 | 20.0 |
| unknown-02 | 8.97 | 2.2 | ng/ul | 708259 | 1 | 8.18 | 6503830 | 20.0 |
| unknown-03 | 9.28 | 3.1 | ng/ul | 1016620 | 1 | 8.18 | 6503830 | 20.0 |
| Hexanoic acid, 2-... | 9.52 | 4.3 | ng/ul | 1397590 | 1 | 8.18 | 6503830 | 20.0 |
| unknown-04 | 9.61 | 5.9 | ng/ul | 273192 | 2 | 11.00 | 925998 | 20.0 |
| unknown-05 | 9.69 | 10.4 | ng/ul | 480620 | 2 | 11.00 | 925998 | 20.0 |
| Cyclopentanone, 3... | 9.77 | 15.5 | ng/ul | 717284 | 2 | 11.00 | 925998 | 20.0 |
| unknown-06 | 10.01 | 25.8 | ng/ul | 1194170 | 2 | 11.00 | 925998 | 20.0 |
| (DEL) Alkane: Cyc... | 10.24 | 5.3 | ng/ul | 247776 | 2 | 11.00 | 925998 | 20.0 |
| unknown-07 | 10.39 | 7.6 | ng/ul | 353388 | 2 | 11.00 | 925998 | 20.0 |
| 3-Amino-2,2-dimet... | 10.50 | 45.8 | ng/ul | 2119740 | 2 | 11.00 | 925998 | 20.0 |
| 2H-Pyran, 2-(1,1-... | 10.74 | 13.4 | ng/ul | 622588 | 2 | 11.00 | 925998 | 20.0 |
| unknown-08 | 10.85 | 7.5 | ng/ul | 347276 | 2 | 11.00 | 925998 | 20.0 |
| Cyclohexanone, 2-... | 11.12 | 5.2 | ng/ul | 238752 | 2 | 11.00 | 925998 | 20.0 |
| Benzo[b]thiophene | 11.19 | 27.9 | ng/ul | 1292650 | 2 | 11.00 | 925998 | 20.0 |
| (DEL) Alkane: Cyc... | 11.27 | 67.0 | ng/ul | 3100650 | 2 | 11.00 | 925998 | 20.0 |
| unknown-09 | 11.33 | 44.4 | ng/ul | 2054890 | 2 | 11.00 | 925998 | 20.0 |
| unknown-10 | 11.47 | 23.0 | ng/ul | 1066770 | 2 | 11.00 | 925998 | 20.0 |
| unknown-11 | 11.71 | 9.6 | ng/ul | 445049 | 2 | 11.00 | 925998 | 20.0 |
| unknown-12 | 11.85 | 12.8 | ng/ul | 592983 | 2 | 11.00 | 925998 | 20.0 |
| unknown-13 | 11.92 | 36.5 | ng/ul | 1688970 | 2 | 11.00 | 925998 | 20.0 |
| 6-Undecanone | 11.99 | 4.4 | ng/ul | 205764 | 2 | 11.00 | 925998 | 20.0 |
| unknown-14 | 12.11 | 5.2 | ng/ul | 240271 | 2 | 11.00 | 925998 | 20.0 |
| unknown-15 | 12.21 | 10.7 | ng/ul | 494283 | 2 | 11.00 | 925998 | 20.0 |
| 1H-Inden-1-one, 2... | 12.39 | 11.4 | ng/ul | 528893 | 2 | 11.00 | 925998 | 20.0 |
| 2(5H)-Furanone, 5... | 12.52 | 6.8 | ng/ul | 313181 | 2 | 11.00 | 925998 | 20.0 |
| unknown-16 | 12.79 | 4.4 | ng/ul | 203667 | 2 | 11.00 | 925998 | 20.0 |
| Naphthalene, 1-me... | 12.86 | 35.6 | ng/ul | 1648170 | 2 | 11.00 | 925998 | 20.0 |
| (DEL) Alkane: Cyc... | 13.18 | 2.4 | ng/ul | 217209 | 3 | 14.81 | 1823760 | 20.0 |
| (DEL) Alkane: Cyc... | 14.69 | 107.6 | ng/ul | 9811370 | 3 | 14.81 | 1823760 | 20.0 |
| (DEL) Alkane: Str... | 15.01 | 7.5 | ng/ul | 684379 | 3 | 14.81 | 1823760 | 20.0 |
| (DEL) Alkane: Cyc... | 15.29 | 40.8 | ng/ul | 3722140 | 3 | 14.81 | 1823760 | 20.0 |