LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

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-BM101217.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 | 3.469 | 61 | 65 | 73 | rVB | 146536 | 226625 | 7.69% | 0.364% |
| 2 | 4.134 | 171 | 178 | 181 | rBV2 | 160546 | 255219 | 8.66% | 0.409% |
| 3 | 4.169 | 181 | 184 | 191 | rVB | 88103 | 130094 | 4.41% | 0.209% |
| 4 | 4.263 | 196 | 200 | 209 | rVB3 | 129569 | 221716 | 7.52% | 0.356% |
| 5 | 4.416 | 222 | 226 | 235 | rVB | 236839 | 365935 | 12.41% | 0.587% |
| 6 | 4.505 | 235 | 241 | 246 | rBV2 | 135543 | 224407 | 7.61% | 0.360% |
| 7 | 4.705 | 265 | 275 | 281 | rVB | 114594 | 215926 | 7.32% | 0.346% |
| 8 | 4.799 | 286 | 291 | 297 | rBV | 167597 | 264025 | 8.95% | 0.424% |
| 9 | 4.869 | 297 | 303 | 306 | rVV2 | 107459 | 201705 | 6.84% | 0.324% |
| 10 | 4.910 | 306 | 310 | 315 | rVV | 307817 | 464810 | 15.76% | 0.746% |
| 11 | 4.969 | 315 | 320 | 326 | rVV | 307172 | 476565 | 16.16% | 0.765% |
| 12 | 5.204 | 356 | 360 | 368 | rVB | 166294 | 261965 | 8.88% | 0.420% |
| 13 | 5.481 | 398 | 407 | 414 | rVB | 170235 | 337061 | 11.43% | 0.541% |
| 14 | 5.575 | 414 | 423 | 429 | rVB3 | 88235 | 159808 | 5.42% | 0.256% |
| 15 | 5.652 | 429 | 436 | 444 | rBV4 | 142616 | 347385 | 11.78% | 0.557% |
| 16 | 5.728 | 444 | 449 | 454 | rVV4 | 190597 | 333855 | 11.32% | 0.536% |
| 17 | 5.793 | 456 | 460 | 467 | rVB | 117070 | 197532 | 6.70% | 0.317% |
| 18 | 5.869 | 467 | 473 | 481 | rVB | 129360 | 216268 | 7.34% | 0.347% |
| 19 | 6.051 | 495 | 504 | 516 | rBV6 | 207142 | 708833 | 24.04% | 1.137% |
| 20 | 6.157 | 516 | 522 | 530 | rVB3 | 87921 | 191427 | 6.49% | 0.307% |
| 21 | 6.269 | 532 | 541 | 547 | rBV2 | 825952 | 1615475 | 54.79% | 2.592% |
| 22 | 6.328 | 547 | 551 | 555 | rVB | 190144 | 265434 | 9.00% | 0.426% |
| 23 | 6.410 | 555 | 565 | 580 | rVB6 | 302003 | 870988 | 29.54% | 1.397% |
| 24 | 6.587 | 589 | 595 | 601 | rVB4 | 102723 | 204697 | 6.94% | 0.328% |
| 25 | 6.663 | 601 | 608 | 615 | rBV5 | 85406 | 230839 | 7.83% | 0.370% |
| 26 | 6.763 | 615 | 625 | 631 | rBV | 746991 | 1213063 | 41.14% | 1.946% |
| 27 | 6.916 | 646 | 651 | 657 | rBV3 | 316691 | 586915 | 19.91% | 0.942% |
| 28 | 6.969 | 657 | 660 | 665 | rVB | 82785 | 127104 | 4.31% | 0.204% |
| 29 | 7.128 | 678 | 687 | 690 | rBV2 | 274539 | 565394 | 19.18% | 0.907% |
| 30 | 7.263 | 706 | 710 | 715 | rBV3 | 148011 | 242684 | 8.23% | 0.389% |
| 31 | 7.328 | 715 | 721 | 727 | rBV2 | 385604 | 625698 | 21.22% | 1.004% |
| 32 | 7.381 | 727 | 730 | 734 | rVB2 | 138567 | 200489 | 6.80% | 0.322% |
| 33 | 7.434 | 734 | 739 | 744 | rBV2 | 153313 | 268994 | 9.12% | 0.432% |
| 34 | 7.493 | 744 | 749 | 755 | rVB2 | 140520 | 262135 | 8.89% | 0.421% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

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-BM101217.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 7.651 | 771 | 776 | 778 | rBV | 264821 | 381657 | 12.94% | 0.612% |
| 36 | 7.687 | 778 | 782 | 788 | rVB | 429188 | 674729 | 22.88% | 1.082% |
| 37 | 7.751 | 788 | 793 | 796 | rBV | 152147 | 204113 | 6.92% | 0.327% |
| 38 | 7.793 | 796 | 800 | 805 | rBV | 475595 | 710903 | 24.11% | 1.140% |
| 39 | 7.904 | 814 | 819 | 824 | rBV5 | 108117 | 255702 | 8.67% | 0.410% |
| 40 | 7.963 | 824 | 829 | 833 | rVV3 | 135594 | 221513 | 7.51% | 0.355% |
| 41 | 8.057 | 838 | 845 | 848 | rVV3 | 224588 | 466559 | 15.82% | 0.748% |
| 42 | 8.093 | 848 | 851 | 858 | rVV | 214475 | 348042 | 11.80% | 0.558% |
| 43 | 8.163 | 858 | 863 | 870 | rVB | 426586 | 671789 | 22.78% | 1.078% |
| 44 | 8.275 | 877 | 882 | 889 | rBV | 663788 | 1073120 | 36.40% | 1.722% |
| 45 | 8.334 | 889 | 892 | 902 | rVB3 | 88868 | 153366 | 5.20% | 0.246% |
| 46 | 8.428 | 902 | 908 | 912 | rBV2 | 284171 | 495333 | 16.80% | 0.795% |
| 47 | 8.475 | 912 | 916 | 919 | rVV | 303523 | 472644 | 16.03% | 0.758% |
| 48 | 8.510 | 919 | 922 | 931 | rVV | 265119 | 493698 | 16.74% | 0.792% |
| 49 | 8.616 | 934 | 940 | 956 | rVB3 | 235108 | 565828 | 19.19% | 0.908% |
| 50 | 8.892 | 975 | 987 | 994 | rBV2 | 1733456 | 2948423 | 100.00% | 4.730% |
| 51 | 8.975 | 994 | 1001 | 1009 | rBV3 | 1213680 | 2346925 | 79.60% | 3.765% |
| 52 | 9.128 | 1017 | 1027 | 1037 | rBV6 | 253568 | 713615 | 24.20% | 1.145% |
| 53 | 9.239 | 1037 | 1046 | 1057 | rVV2 | 235511 | 502812 | 17.05% | 0.807% |
| 54 | 9.369 | 1060 | 1068 | 1071 | rVV3 | 128339 | 270702 | 9.18% | 0.434% |
| 55 | 9.416 | 1071 | 1076 | 1085 | rVV | 1059083 | 1755823 | 59.55% | 2.817% |
| 56 | 9.504 | 1088 | 1091 | 1101 | rVB3 | 100977 | 265468 | 9.00% | 0.426% |
| 57 | 9.687 | 1114 | 1122 | 1130 | rVB3 | 431329 | 928605 | 31.49% | 1.490% |
| 58 | 9.781 | 1130 | 1138 | 1144 | rBV4 | 310768 | 680419 | 23.08% | 1.092% |
| 59 | 9.839 | 1144 | 1148 | 1151 | rBV | 122551 | 189958 | 6.44% | 0.305% |
| 60 | 9.992 | 1167 | 1174 | 1181 | rVV2 | 1225598 | 2115004 | 71.73% | 3.393% |
| 61 | 10.169 | 1195 | 1204 | 1208 | rBV6 | 85072 | 208972 | 7.09% | 0.335% |
| 62 | 10.228 | 1208 | 1214 | 1220 | rBV | 480471 | 902133 | 30.60% | 1.447% |
| 63 | 10.286 | 1220 | 1224 | 1234 | rVB | 180229 | 319852 | 10.85% | 0.513% |
| 64 | 10.598 | 1268 | 1277 | 1282 | rBV | 727339 | 1426889 | 48.39% | 2.289% |
| 65 | 10.704 | 1290 | 1295 | 1304 | rVB2 | 146442 | 289266 | 9.81% | 0.464% |
| 66 | 10.798 | 1304 | 1311 | 1317 | rVB2 | 100814 | 178184 | 6.04% | 0.286% |
| 67 | 10.957 | 1332 | 1338 | 1343 | rVV2 | 63851 | 109001 | 3.70% | 0.175% |
| 68 | 11.504 | 1425 | 1431 | 1437 | rVB6 | 66459 | 127531 | 4.33% | 0.205% |
| 69 | 12.128 | 1532 | 1537 | 1545 | rBV4 | 75756 | 148325 | 5.03% | 0.238% |
| 70 | 12.257 | 1554 | 1559 | 1569 | rVB | 73527 | 138779 | 4.71% | 0.223% |
| 71 | 12.428 | 1582 | 1588 | 1595 | rBV4 | 64946 | 162353 | 5.51% | 0.260% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

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-BM101217.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.604 | 1613 | 1618 | 1630 | rVB6 | 83756 | 221995 | 7.53% | 0.356% |
| 73 | 13.857 | 1825 | 1831 | 1838 | rVB | 980642 | 1387662 | 47.06% | 2.226% |
| 74 | 14.080 | 1864 | 1869 | 1874 | rBV2 | 92504 | 144772 | 4.91% | 0.232% |
| 75 | 14.145 | 1874 | 1880 | 1889 | rVB | 1147948 | 1713768 | 58.12% | 2.749% |
| 76 | 14.269 | 1893 | 1901 | 1904 | rBV | 244200 | 442857 | 15.02% | 0.710% |
| 77 | 14.298 | 1904 | 1906 | 1915 | rVB5 | 130346 | 239808 | 8.13% | 0.385% |
| 78 | 14.451 | 1924 | 1932 | 1939 | rBV2 | 1139575 | 1822116 | 61.80% | 2.923% |
| 79 | 14.839 | 1993 | 1998 | 2006 | rBV5 | 217639 | 434540 | 14.74% | 0.697% |
| 80 | 14.910 | 2006 | 2010 | 2014 | rVV2 | 194233 | 291568 | 9.89% | 0.468% |
| 81 | 15.004 | 2021 | 2026 | 2030 | rBV | 171326 | 245065 | 8.31% | 0.393% |
| 82 | 15.051 | 2030 | 2034 | 2039 | rVB4 | 170785 | 250604 | 8.50% | 0.402% |
| 83 | 15.257 | 2065 | 2069 | 2077 | rVB2 | 67681 | 122658 | 4.16% | 0.197% |
| 84 | 15.445 | 2095 | 2101 | 2116 | rVB | 1383031 | 2155051 | 73.09% | 3.457% |
| 85 | 15.592 | 2121 | 2126 | 2135 | rVB | 319812 | 519451 | 17.62% | 0.833% |
| 86 | 16.686 | 2308 | 2312 | 2319 | rBV | 115847 | 184533 | 6.26% | 0.296% |
| 87 | 16.780 | 2324 | 2328 | 2334 | rVB2 | 99934 | 145677 | 4.94% | 0.234% |
| 88 | 17.198 | 2393 | 2399 | 2405 | rBV2 | 1415110 | 2029129 | 68.82% | 3.255% |
| 89 | 17.298 | 2410 | 2416 | 2424 | rVV2 | 1406976 | 2074630 | 70.36% | 3.328% |
| 90 | 18.086 | 2544 | 2550 | 2557 | rBV4 | 135808 | 275690 | 9.35% | 0.442% |
| 91 | 18.657 | 2643 | 2647 | 2654 | rVB3 | 101361 | 142284 | 4.83% | 0.228% |
| 92 | 18.804 | 2668 | 2672 | 2678 | rVB | 251407 | 322918 | 10.95% | 0.518% |
| 93 | 19.298 | 2753 | 2756 | 2761 | rVB | 86802 | 114646 | 3.89% | 0.184% |
| 94 | 19.351 | 2762 | 2765 | 2775 | rVV2 | 161697 | 256852 | 8.71% | 0.412% |
| 95 | 19.592 | 2801 | 2806 | 2812 | rBV | 1839589 | 2513362 | 85.24% | 4.032% |
| 96 | 19.815 | 2840 | 2844 | 2849 | rBV2 | 145364 | 188411 | 6.39% | 0.302% |
| 97 | 20.027 | 2876 | 2880 | 2886 | rBV | 174141 | 215789 | 7.32% | 0.346% |
| 98 | 21.380 | 3105 | 3110 | 3119 | rBV | 1740658 | 2292278 | 77.75% | 3.677% |
| 99 | 23.533 | 3470 | 3476 | 3485 | rVB2 | 1196192 | 2364677 | 80.20% | 3.793% |
| 100 | 23.680 | 3495 | 3501 | 3510 | rVB2 | 1122843 | 2224161 | 75.44% | 3.568% |

Sum of corrected areas: 62336057

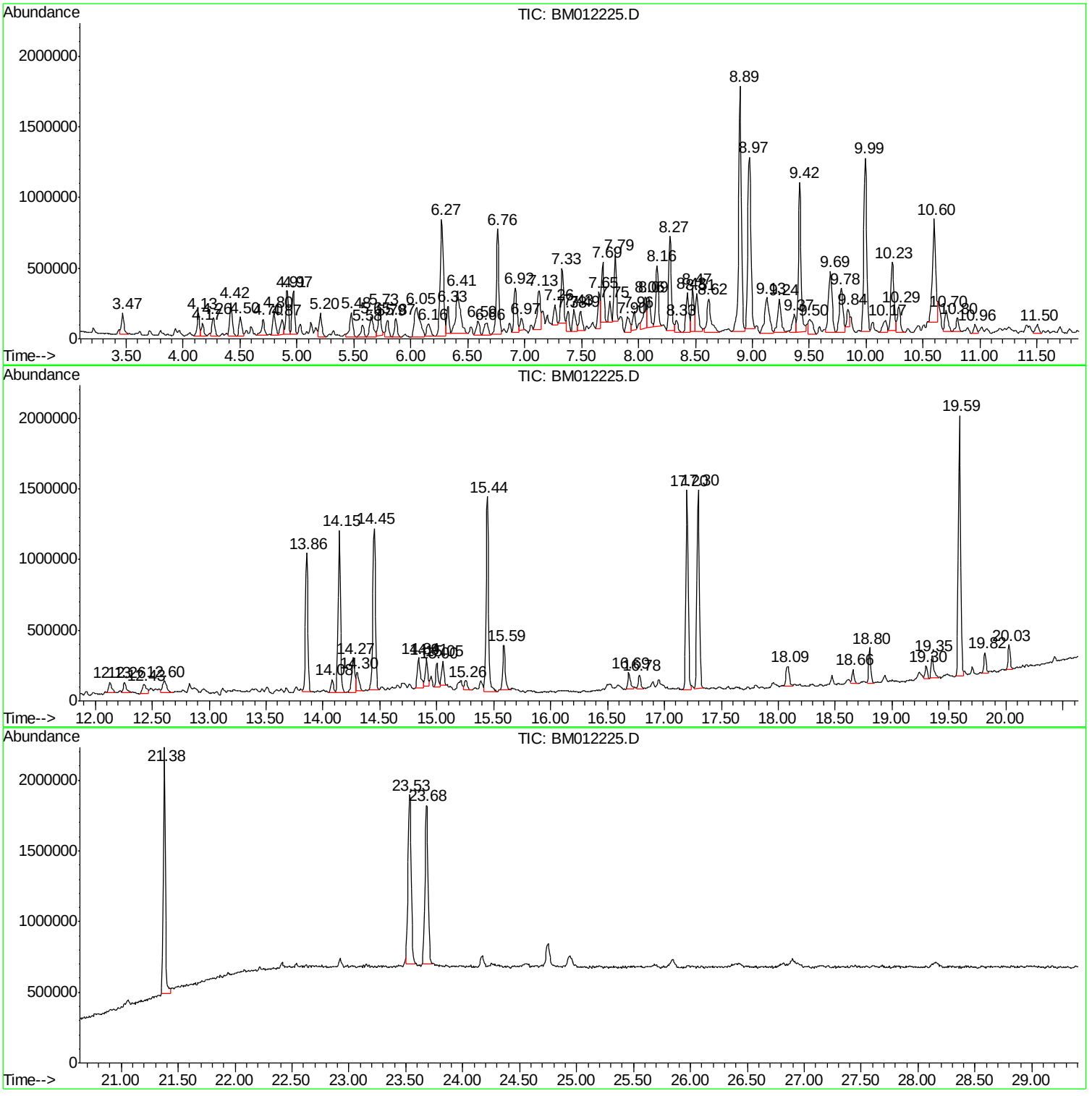
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

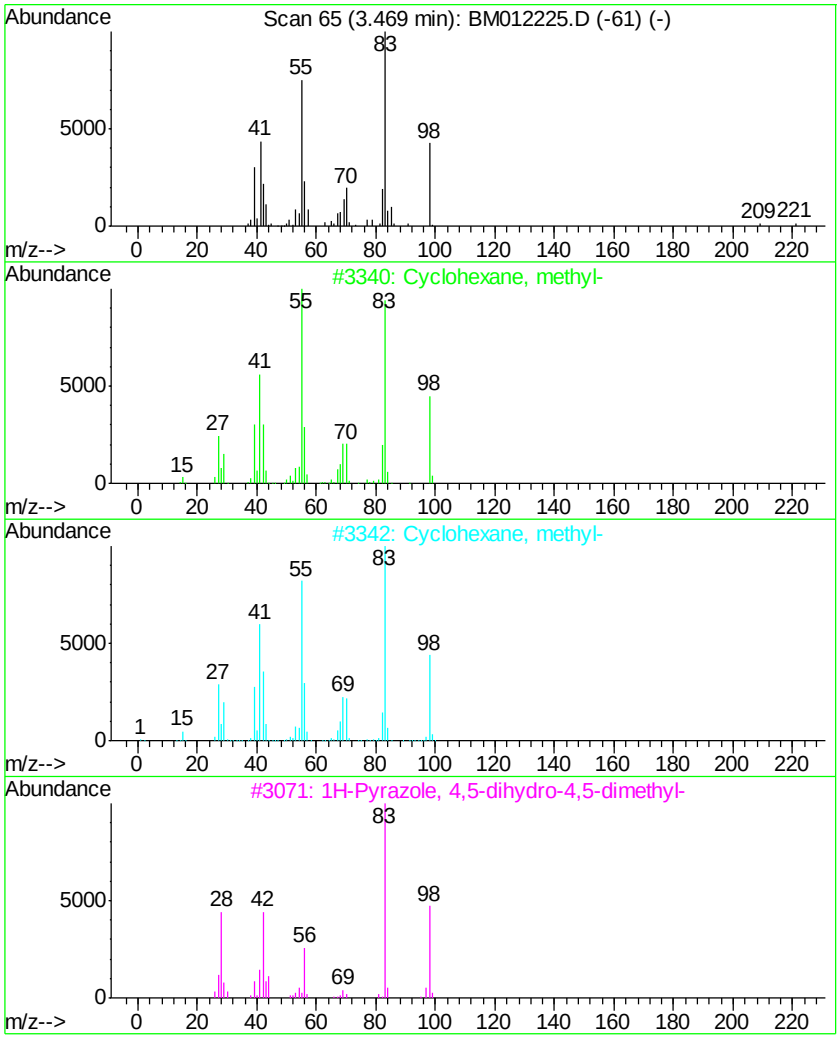
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

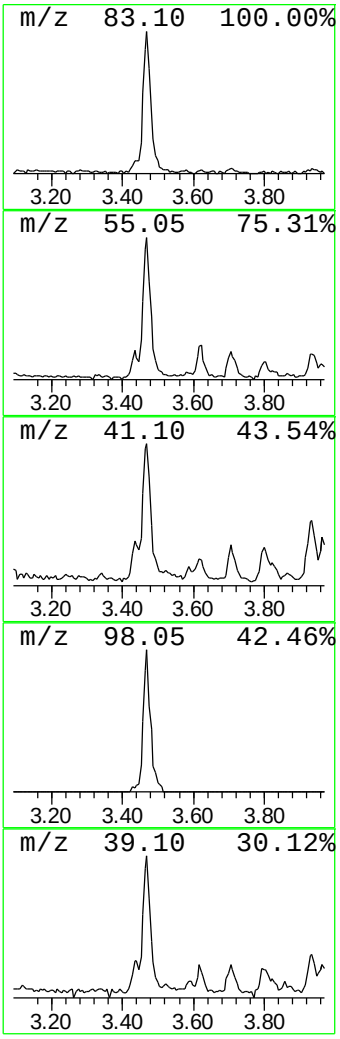
**********

Peak Number 1 (DEL) Alkane: Cyclic3.47 Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.47 | 6.38 ng/ul | 226625 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, methyl- | 98 | C7H14 | 000108-87-2 | 81 |
| 2 | Cyclohexane, methyl- | 98 | C7H14 | 000108-87-2 | 72 |
| 3 | 1H-Pyrazole, 4,5-dihydro-4,5-dim... | 98 | C5H10N2 | 028019-94-5 | 53 |
| 4 | 2-Pentene, 4,4-dimethyl-, (E)- | 98 | C7H14 | 000690-08-4 | 52 |
| 5 | 2-Pentene, 4,4-dimethyl-, (Z)- | 98 | C7H14 | 000762-63-0 | 50 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

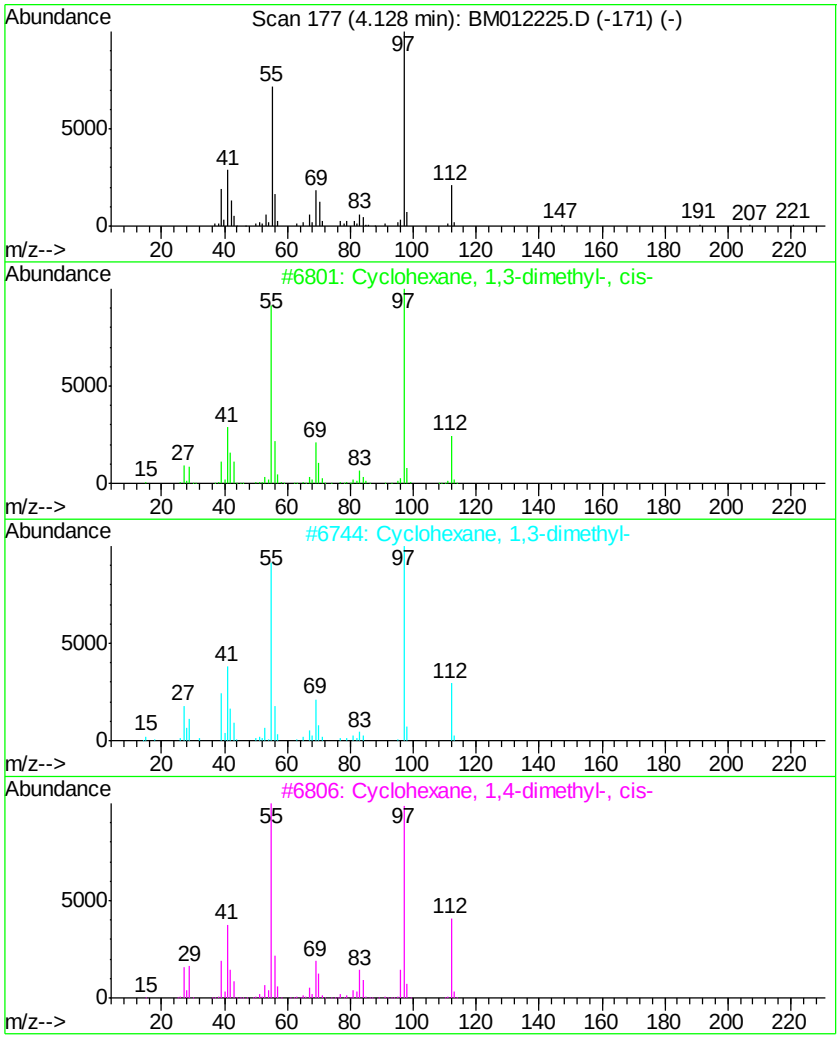
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

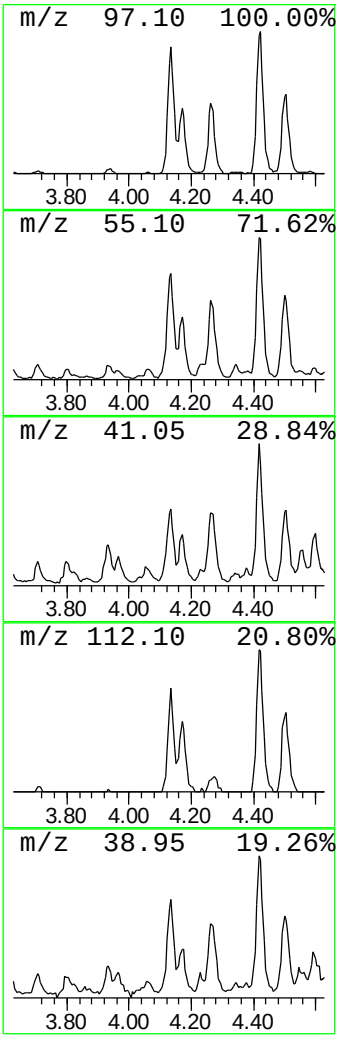
**********

Peak Number 2 (DEL) Alkane: Cyclic4.13 Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.13 | 7.18 ng/ul | 255219 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 93 |
| 2 | Cyclohexane, 1,3-dimethyl- | 112 | C8H16 | 000591-21-9 | 90 |
| 3 | Cyclohexane, 1,4-dimethyl-, cis- | 112 | C8H16 | 000624-29-3 | 90 |
| 4 | 2-Pentene, 2,4,4-trimethyl- | 112 | C8H16 | 000107-40-4 | 83 |
| 5 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 76 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

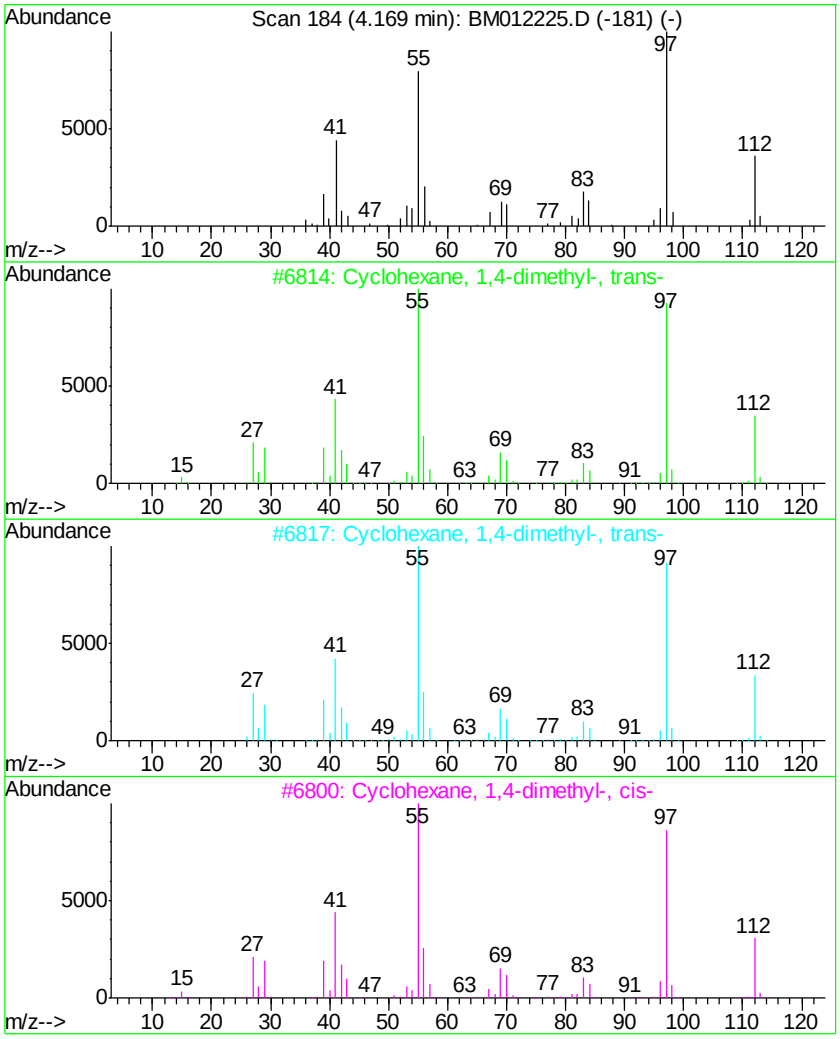
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

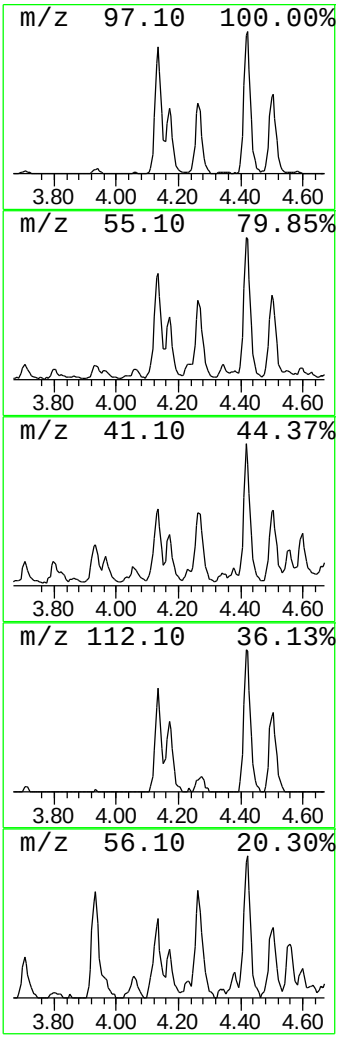
**********

Peak Number 3 (DEL) Alkane: Cyclic4.17 Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.17 | 3.66 ng/ul | 130094 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 91 |
| 2 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 91 |
| 3 | Cyclohexane, 1,4-dimethyl-, cis- | 112 | C8H16 | 000624-29-3 | 91 |
| 4 | Cyclohexane, 1,4-dimethyl-, cis- | 112 | C8H16 | 000624-29-3 | 91 |
| 5 | Cyclohexane, 1,4-dimethyl- | 112 | C8H16 | 000589-90-2 | 91 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

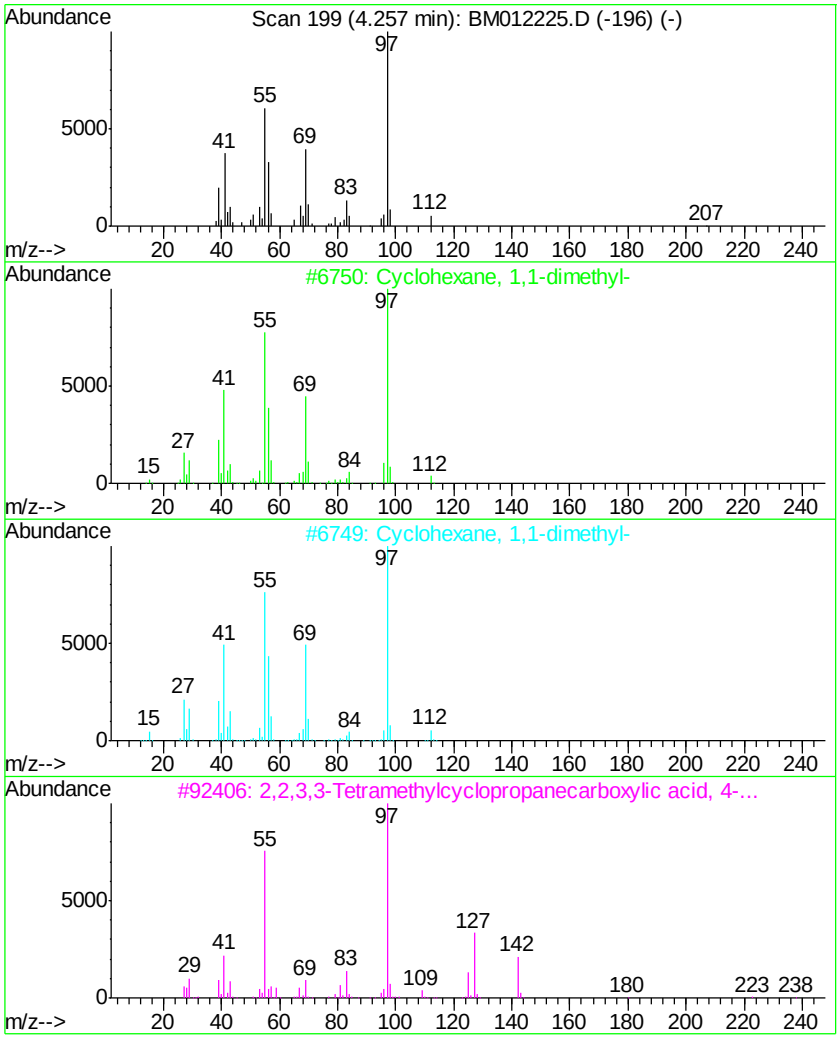
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

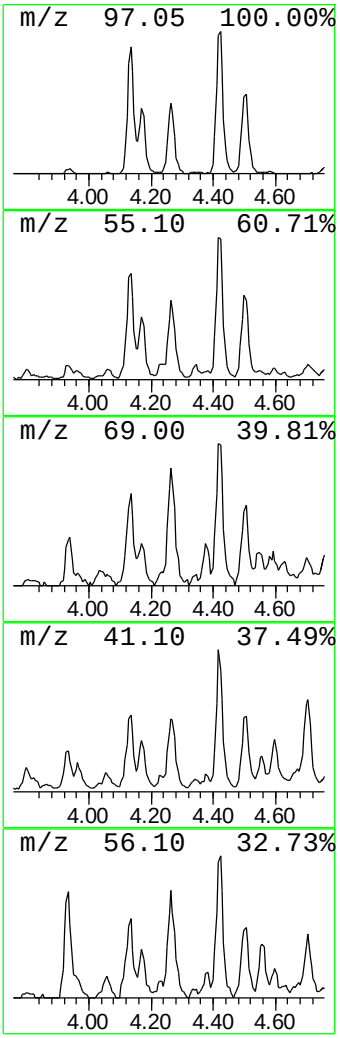
**********

Peak Number 4 (DEL) Alkane: Cyclic4.26 Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.26 | 6.24 ng/ul | 221716 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1-dimethyl- | 112 | C8H16 | 000590-66-9 | 87 |
| 2 | Cyclohexane, 1,1-dimethyl- | 112 | C8H16 | 000590-66-9 | 74 |
| 3 | 2,2,3,3-Tetramethylcyclopropanec... | 238 | C15H26O2 | 1000221-97-5 | 64 |
| 4 | Sulfurous acid, cyclohexylmethyl... | 262 | C13H26O3S | 1000309-21-5 | 64 |
| 5 | Sulfurous acid, cyclohexylmethyl... | 234 | C11H22O3S | 1000309-21-3 | 64 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

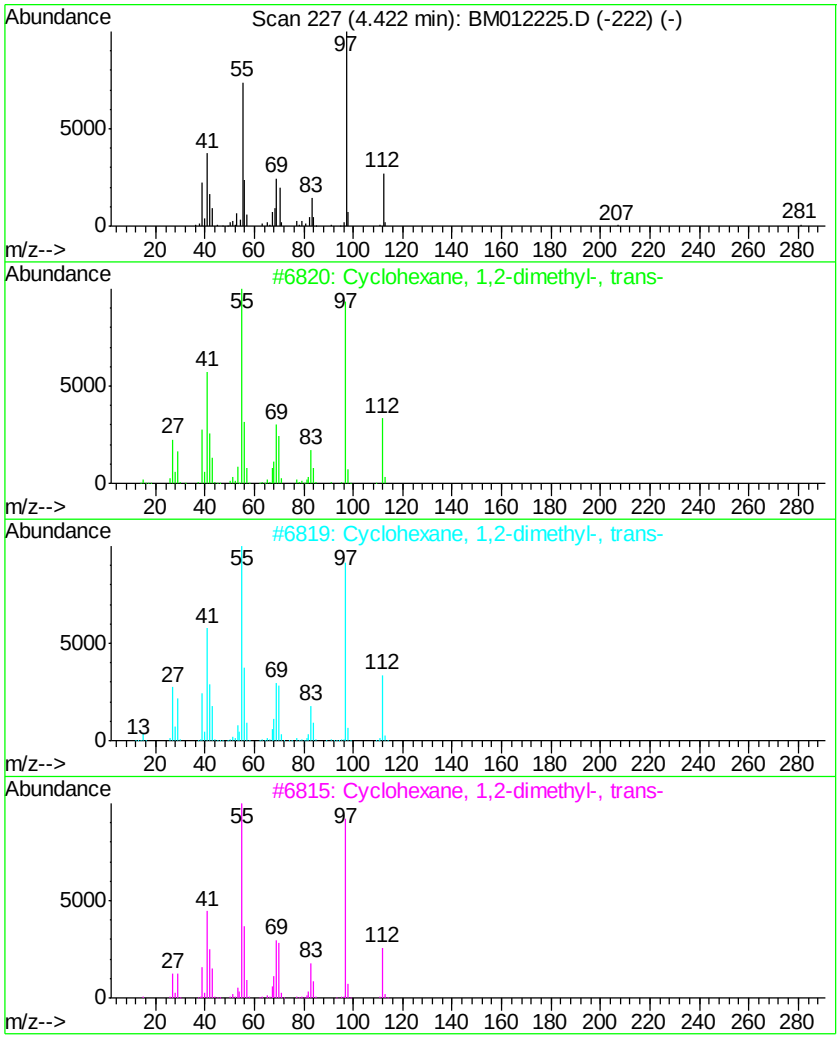
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

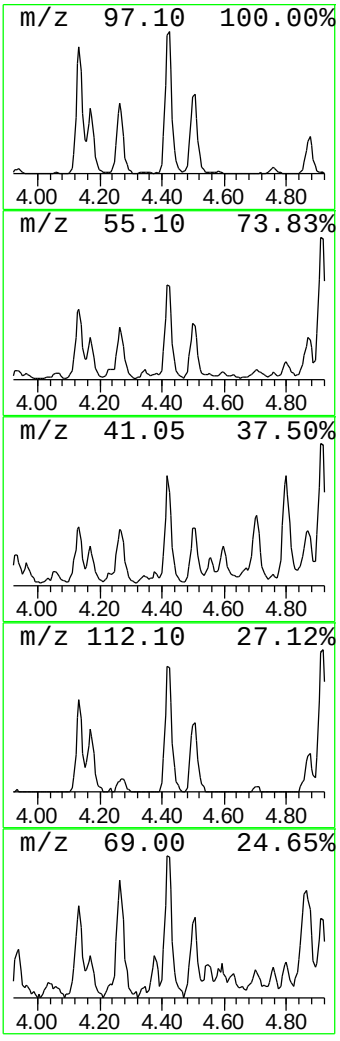
**********

Peak Number 5 (DEL) Alkane: Cyclic4.42 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.42 | 10.29 ng/ul | 365935 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 94 |
| 2 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 94 |
| 3 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 91 |
| 4 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 91 |
| 5 | Cyclohexane, 1,4-dimethyl- | 112 | C8H16 | 000589-90-2 | 91 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

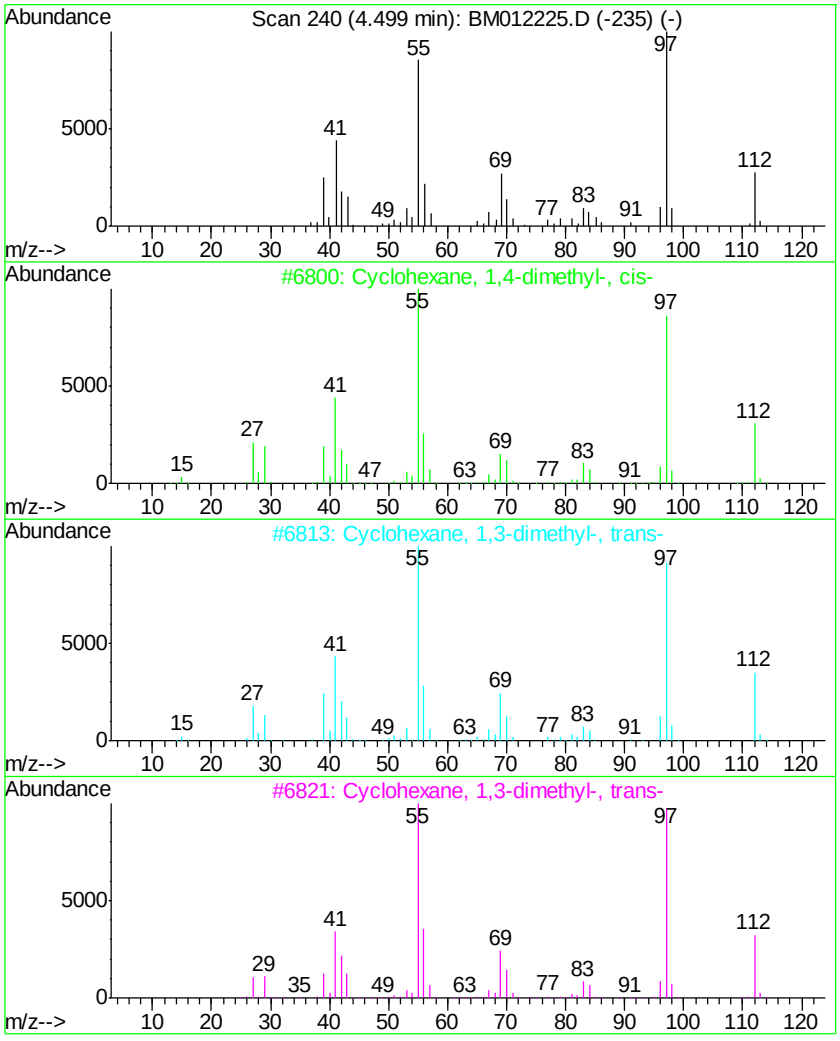
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

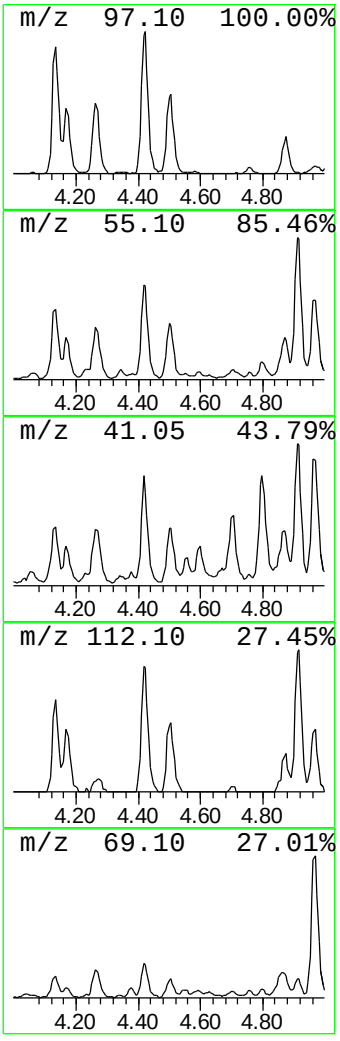
**********

Peak Number 6 (DEL) Alkane: Cyclic4.50 Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.50 | 6.31 ng/ul | 224407 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,4-dimethyl-, cis- | 112 | C8H16 | 000624-29-3 | 94 |
| 2 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 93 |
| 3 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 91 |
| 4 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 91 |
| 5 | Cyclohexane, 1,4-dimethyl- | 112 | C8H16 | 000589-90-2 | 91 |



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Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

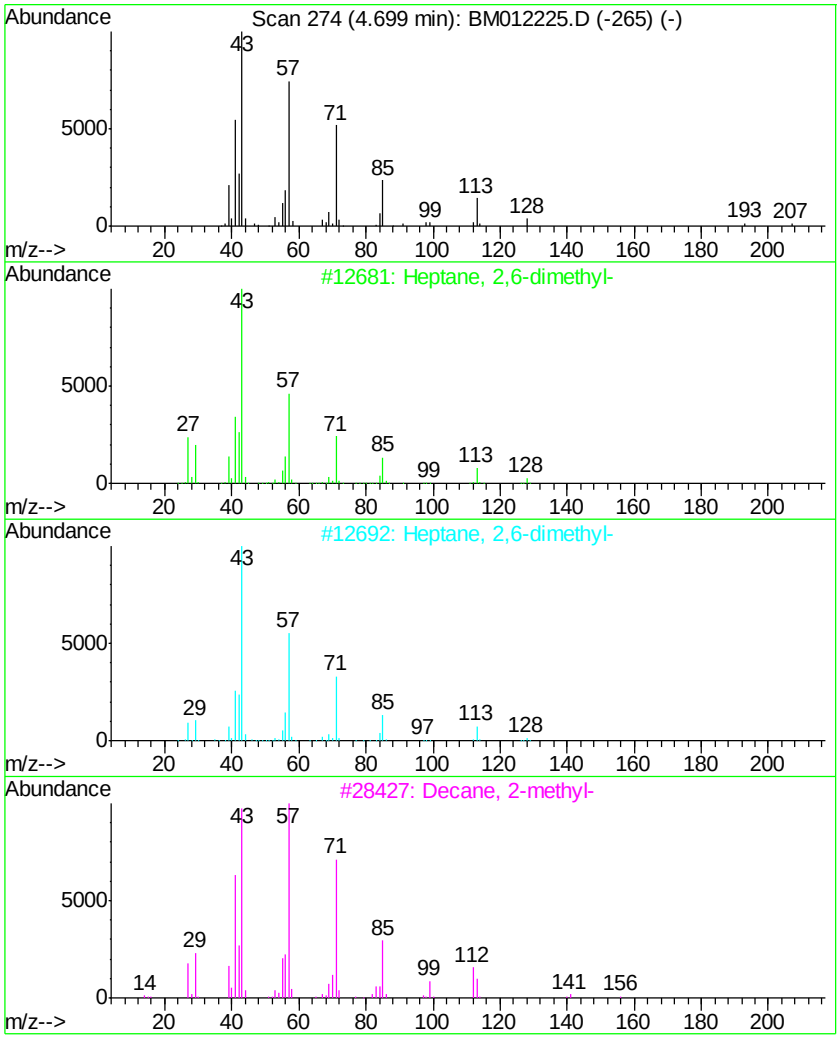
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

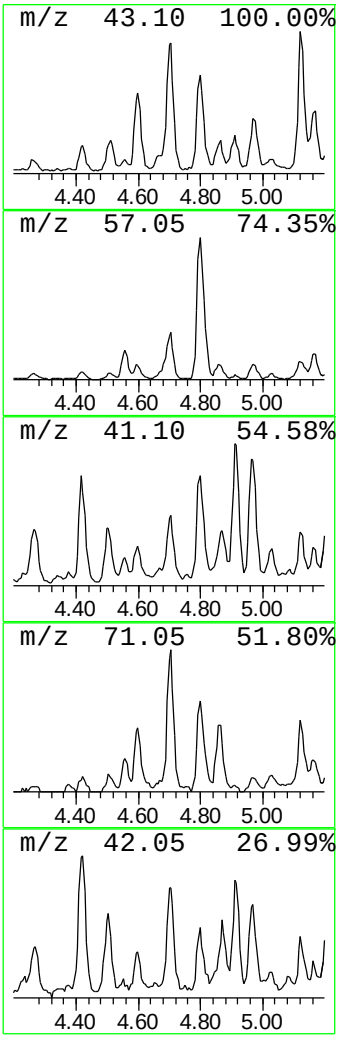
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.70 | 6.07 ng/ul | 215926 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,6-dimethyl- | 128 | C9H20 | 001072-05-5 | 91 |
| 2 | Heptane, 2,6-dimethyl- | 128 | C9H20 | 001072-05-5 | 91 |
| 3 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 78 |
| 4 | Oxalic acid, allyl nonyl ester | 256 | C14H24O4 | 1000309-23-7 | 64 |
| 5 | Decane, 2,9-dimethyl- | 170 | C12H26 | 001002-17-1 | 64 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

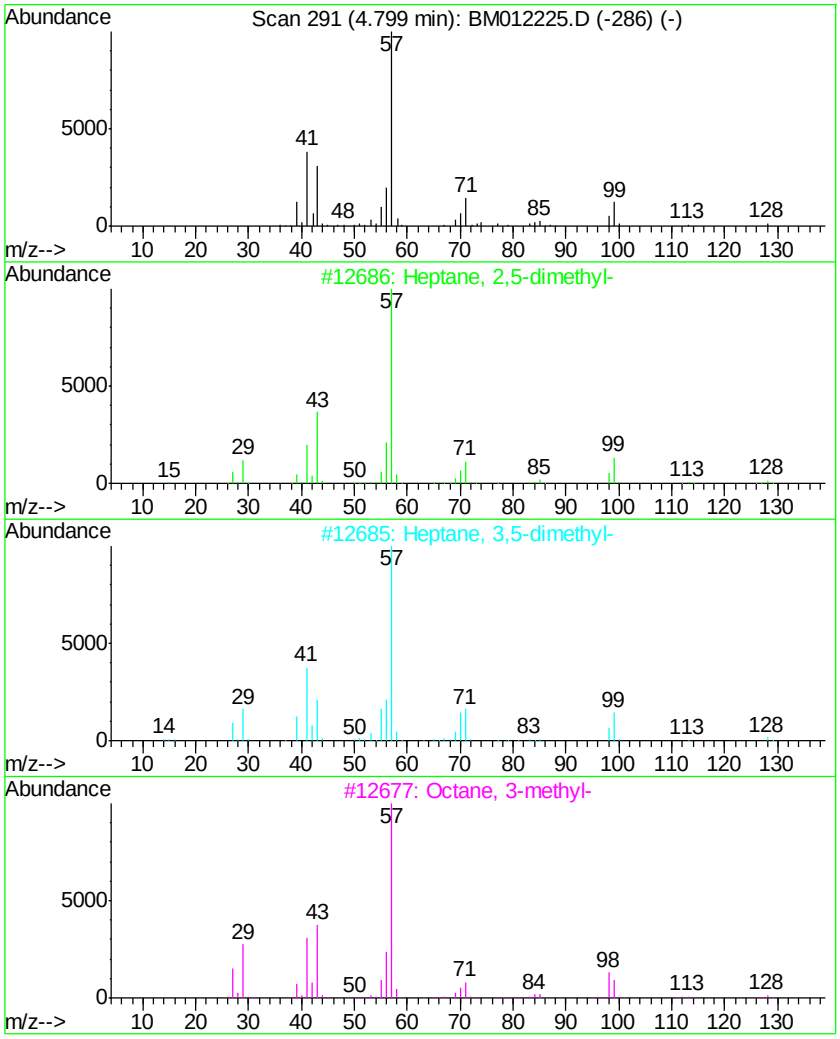
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

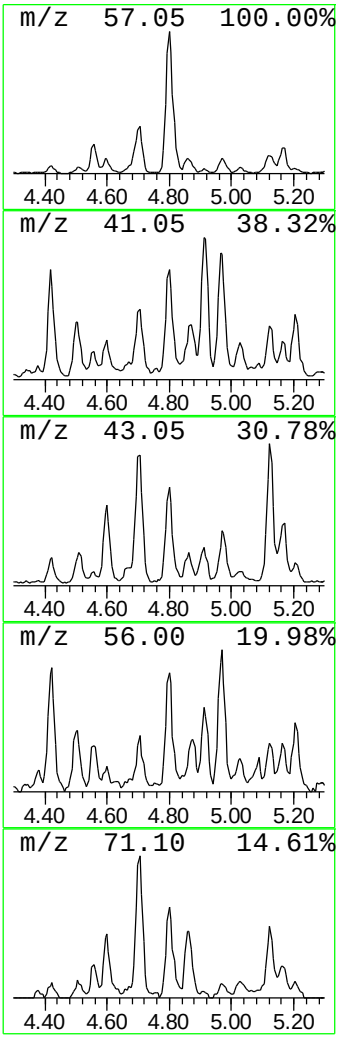
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.80 | 7.43 ng/ul | 264025 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 90 |
| 2 | Heptane, 3,5-dimethyl- | 128 | C9H20 | 000926-82-9 | 87 |
| 3 | Octane, 3-methyl- | 128 | C9H20 | 002216-33-3 | 83 |
| 4 | Heptane, 3,5-dimethyl- | 128 | C9H20 | 000926-82-9 | 83 |
| 5 | Heptane, 2,5-dimethyl- | 128 | C9H20 | 002216-30-0 | 74 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

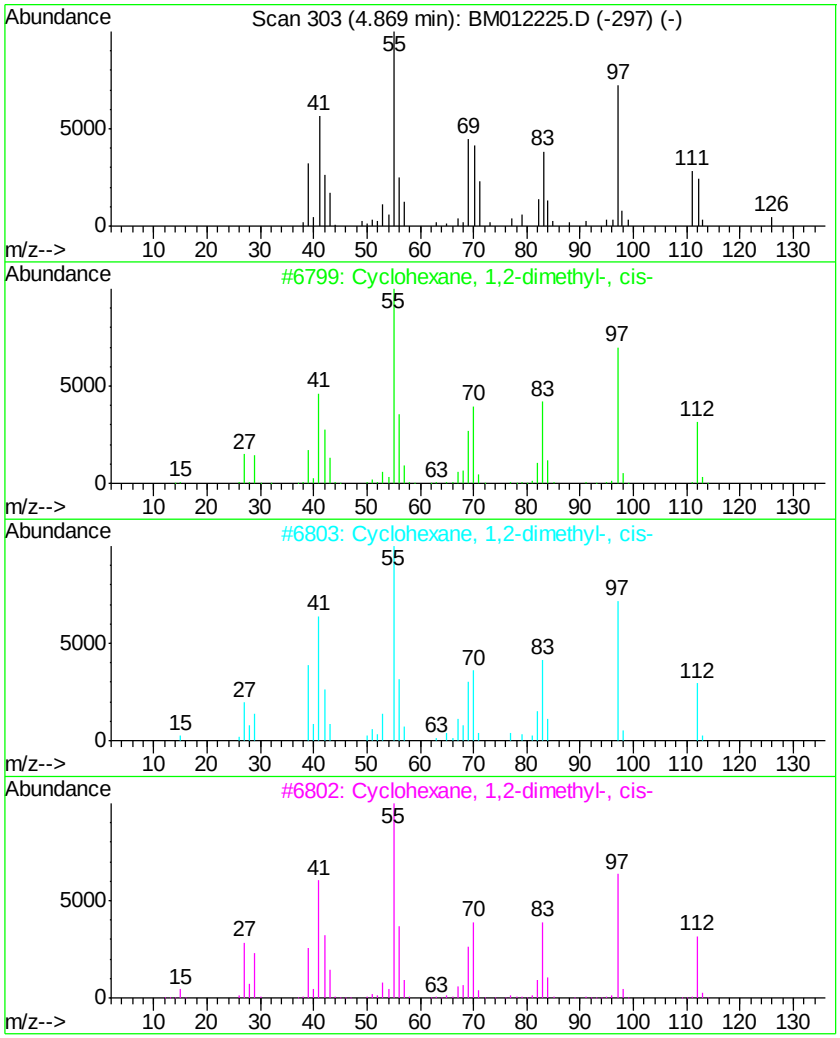
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

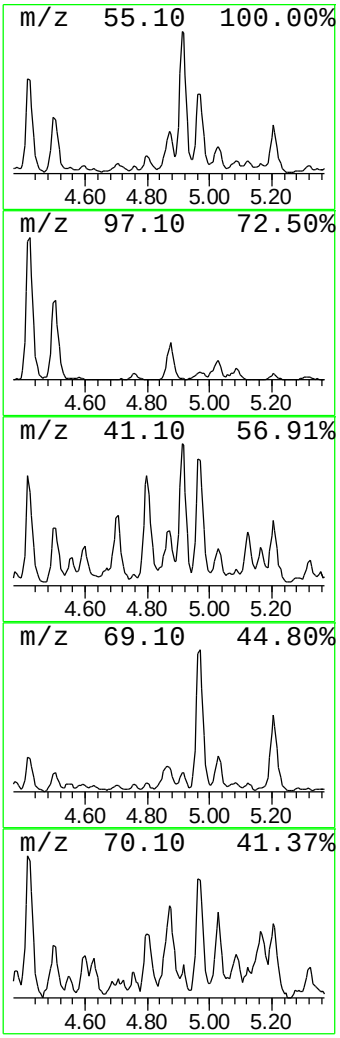
**********

Peak Number 9 (DEL) Alkane: Cyclic4.87 Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.87 | 5.67 ng/ul | 201705 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl-, cis- | 112 | C8H16 | 002207-01-4 | 95 |
| 2 | Cyclohexane, 1,2-dimethyl-, cis- | 112 | C8H16 | 002207-01-4 | 93 |
| 3 | Cyclohexane, 1,2-dimethyl-, cis- | 112 | C8H16 | 002207-01-4 | 81 |
| 4 | Cyclohexane, 1,2-dimethyl- (cis/... | 112 | C8H16 | 000583-57-3 | 76 |
| 5 | Cyclohexane, 1,2-dimethyl-, trans- | 112 | C8H16 | 006876-23-9 | 60 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

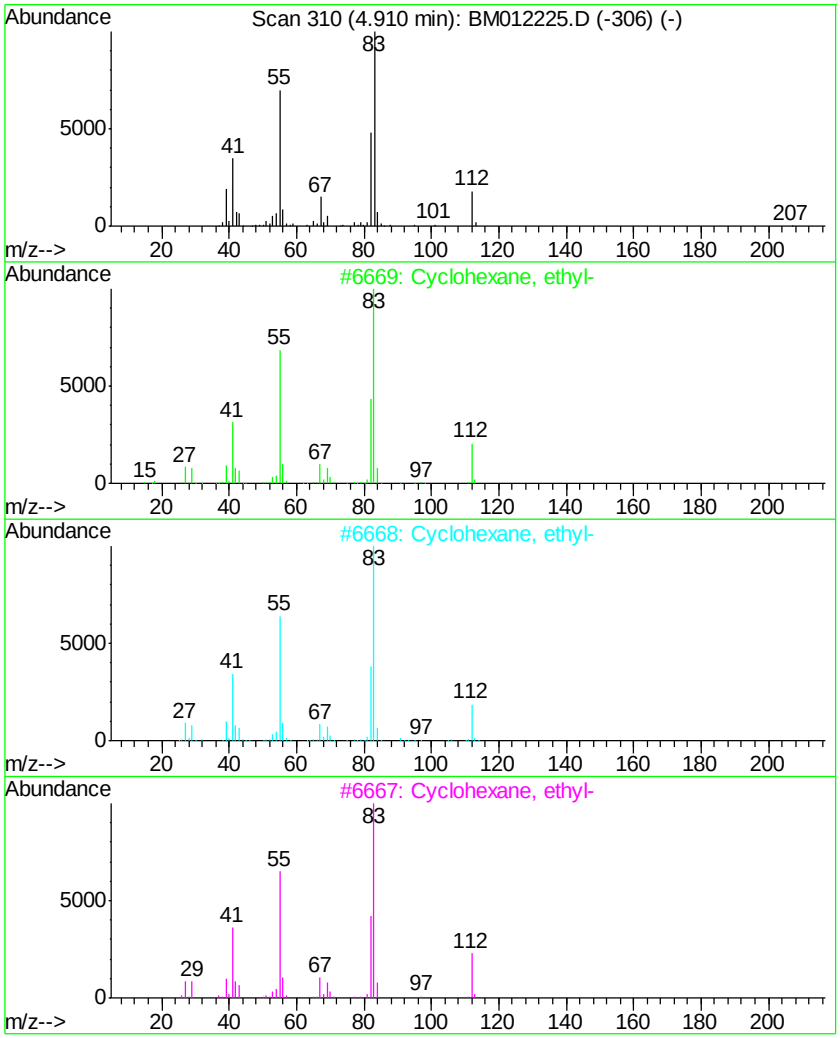
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

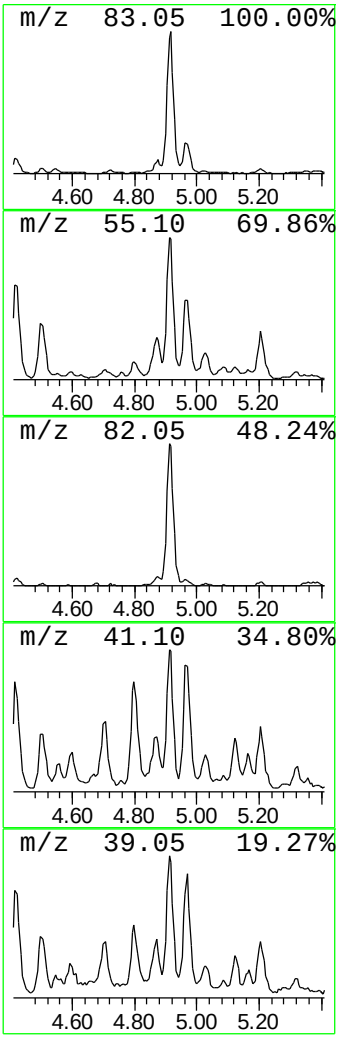
**********

Peak Number 10 (DEL) Alkane: Cyclic4.91 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.91 | 13.08 ng/ul | 464810 | 1,4-Dichlorobenzene-d4 | 7.80 |

| 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 | 91 |
| 3 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 90 |
| 4 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 87 |
| 5 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 70 |



# Library Search Compound Report

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Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

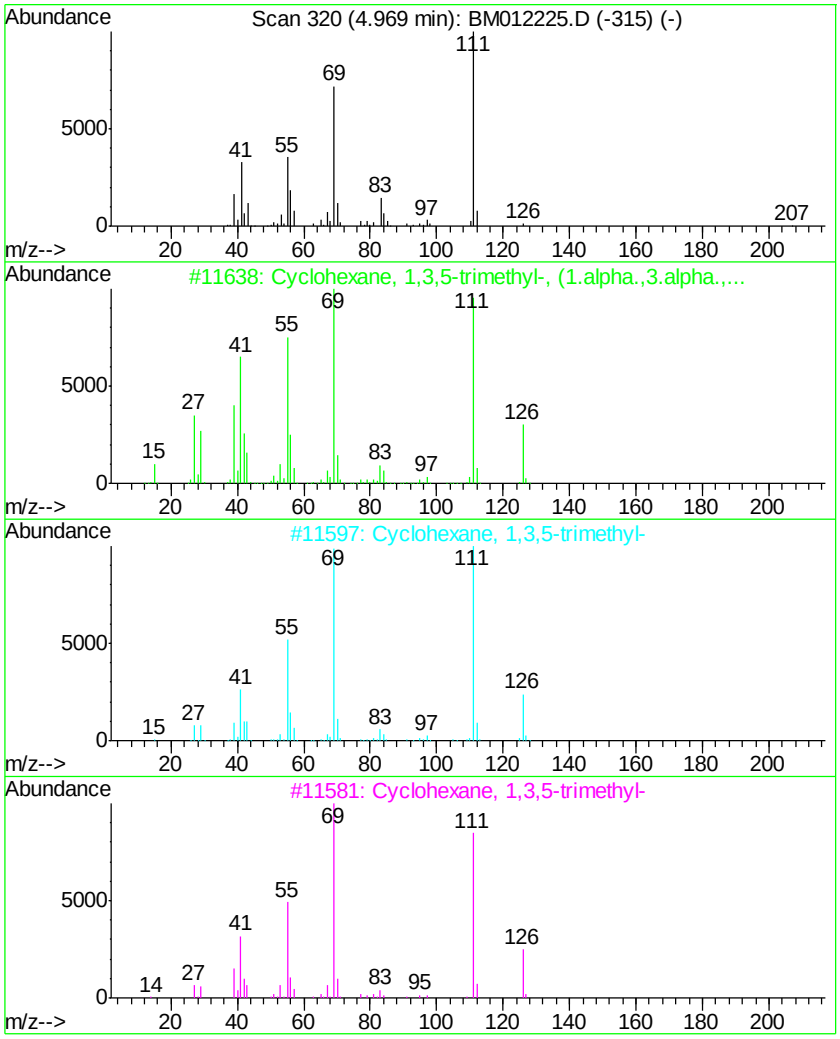
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

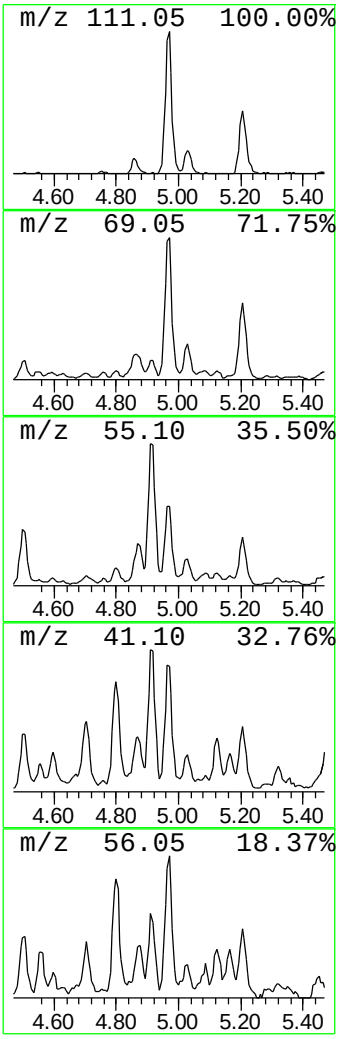
**********

Peak Number 11 (DEL) Alkane: Cyclic4.97 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.97 | 13.41 ng/ul | 476565 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-26-2 | 83 |
| 2 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 72 |
| 3 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 72 |
| 4 | Cyclohexane, 1,1,3-trimethyl- | 126 | C9H18 | 003073-66-3 | 58 |
| 5 | p-Fluoroaniline | 111 | C6H6FN | 000371-40-4 | 53 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

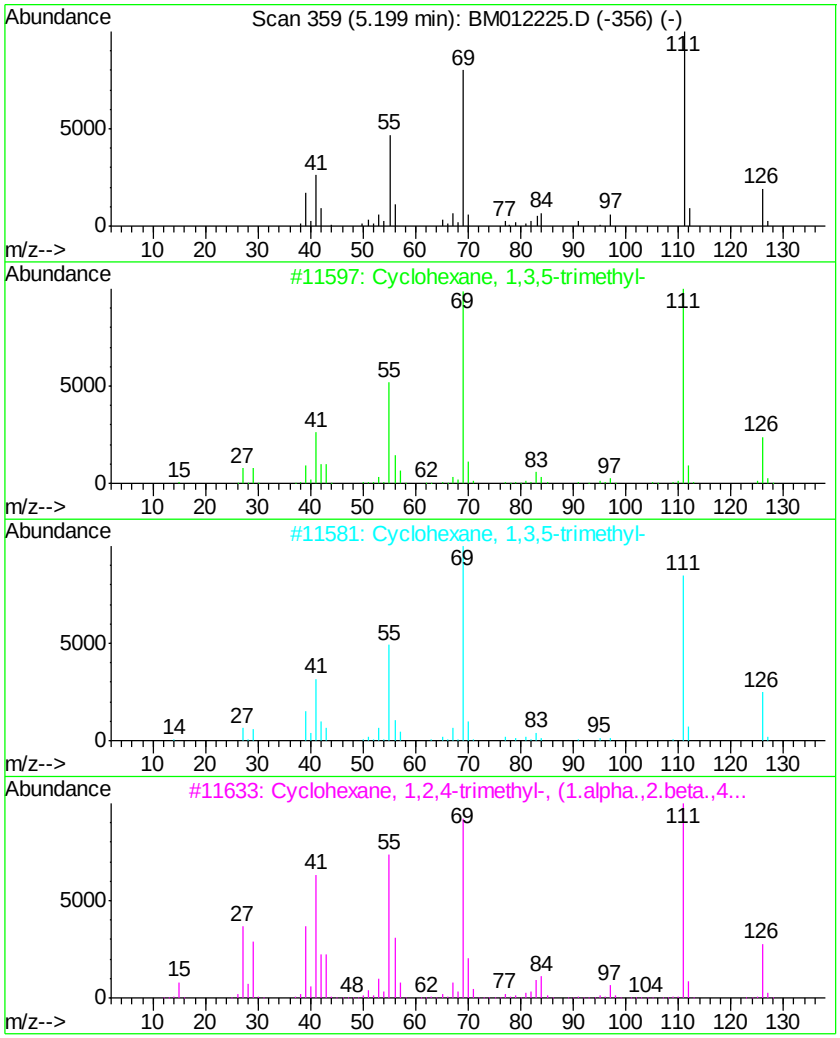
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

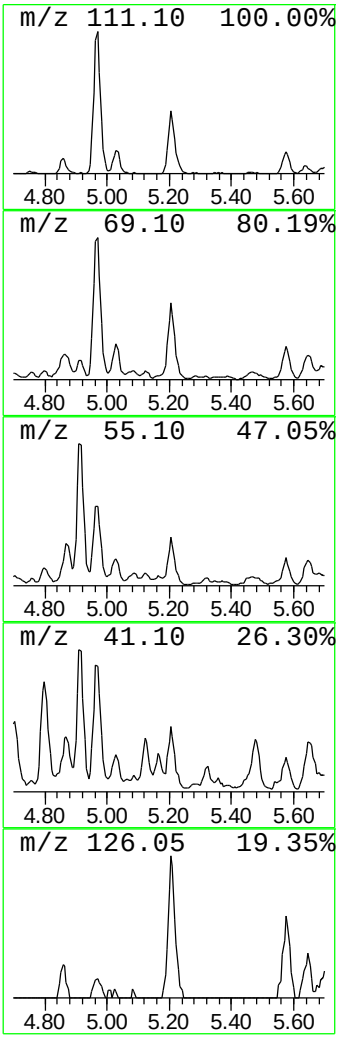
**********

Peak Number 12 (DEL) Alkane: Cyclic5.20 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.20 | 7.37 ng/ul | 261965 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 91 |
| 2 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 91 |
| 3 | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18 | 007667-60-9 | 91 |
| 4 | Cyclohexane, 1,3,5-trimethyl-, (... | 126 | C9H18 | 001795-27-3 | 90 |
| 5 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 81 |



# Library Search Compound Report

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Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

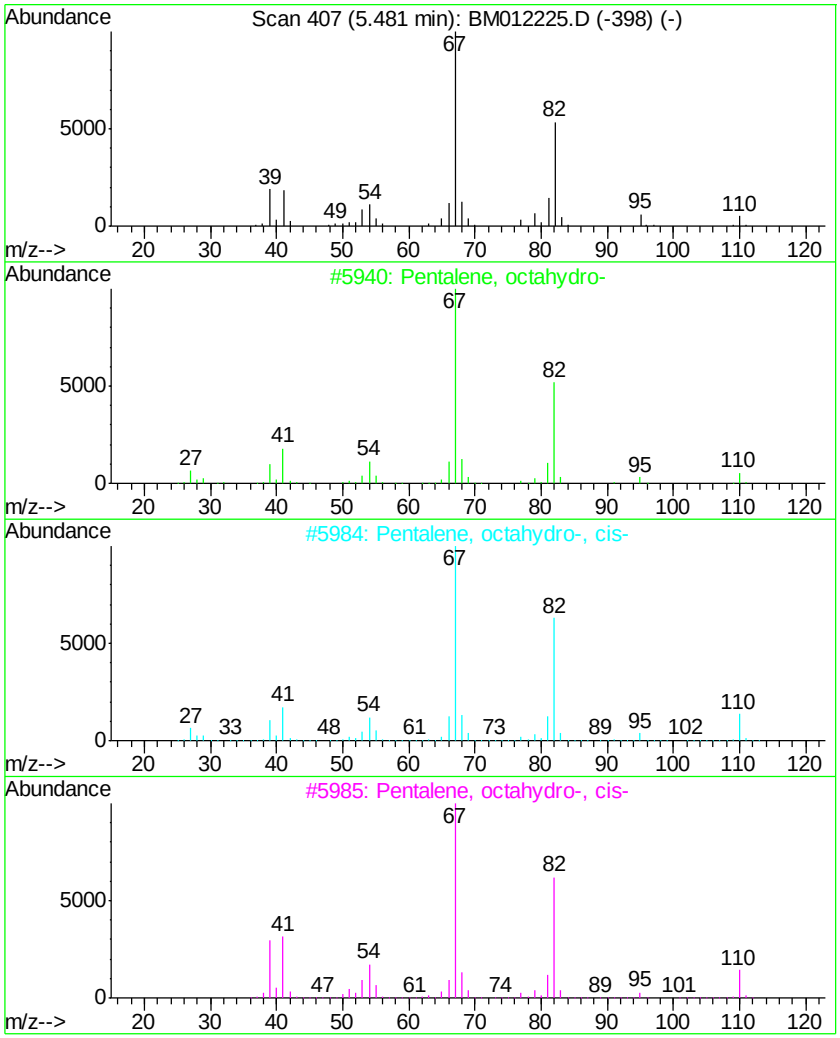
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

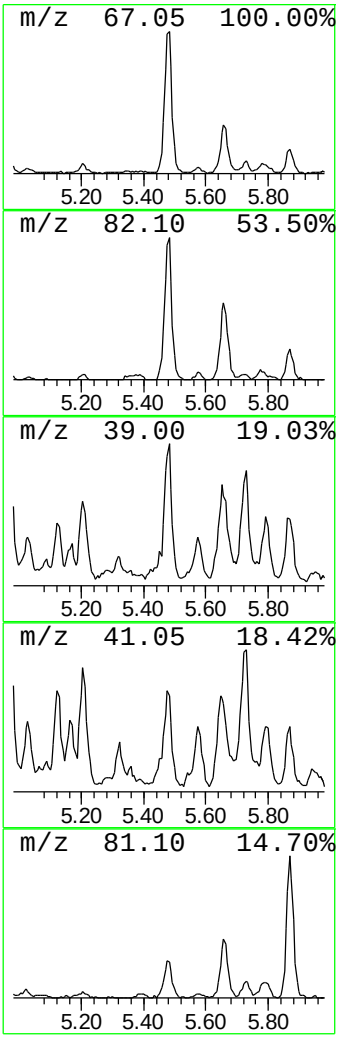
**********

Peak Number 13 Pentalene, octahydro- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.48 | 9.48 ng/ul | 337061 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentalene, octahydro- | 110 | C8H14 | 000694-72-4 | 91 |
| 2 | Pentalene, octahydro-, cis- | 110 | C8H14 | 001755-05-1 | 90 |
| 3 | Pentalene, octahydro-, cis- | 110 | C8H14 | 001755-05-1 | 86 |
| 4 | Pentalene, octahydro-, cis- | 110 | C8H14 | 001755-05-1 | 83 |
| 5 | C2H5CH=CHCH=CH2 | 82 | C6H10 | 000592-48-3 | 80 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

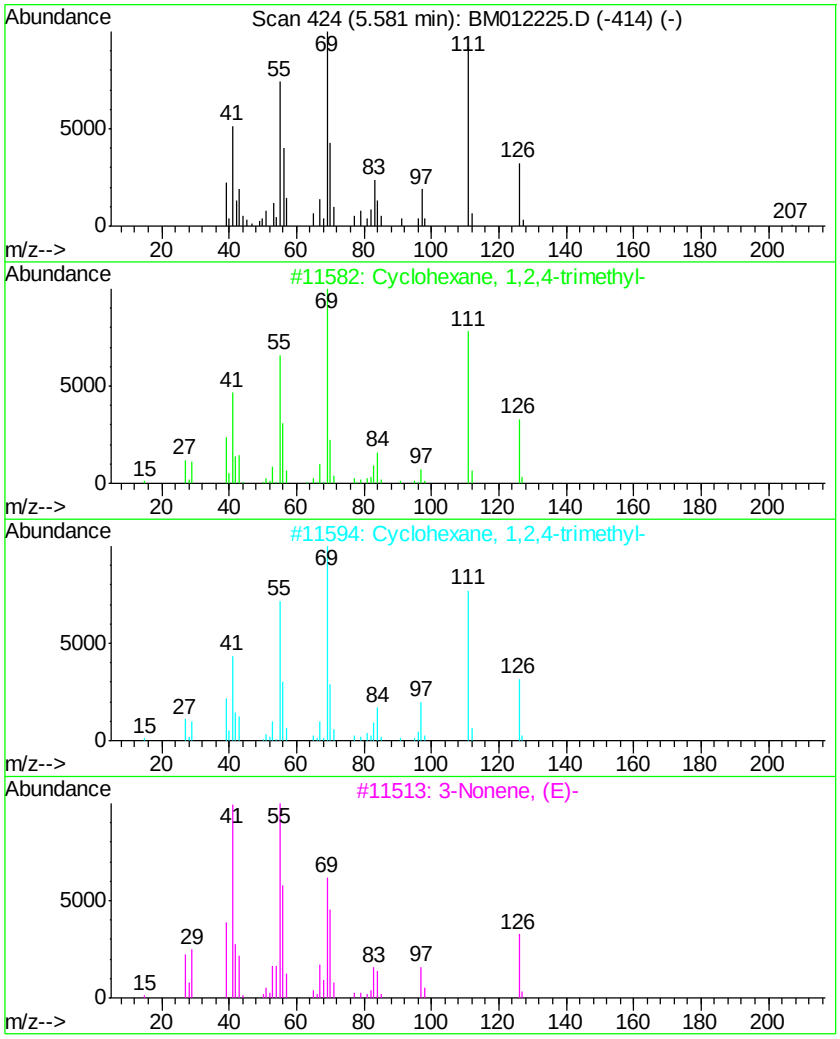
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

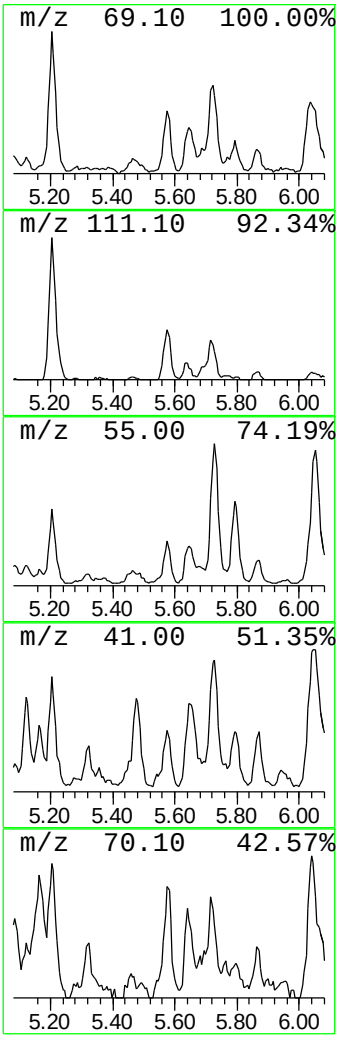
**********

Peak Number 14 (DEL) Alkane: Cyclic5.58 Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.58 | 4.50 ng/ul | 159808 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 93 |
| 2 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 93 |
| 3 | 3-Nonene, (E)- | 126 | C9H18 | 020063-92-7 | 89 |
| 4 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 83 |
| 5 | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18 | 007667-60-9 | 81 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

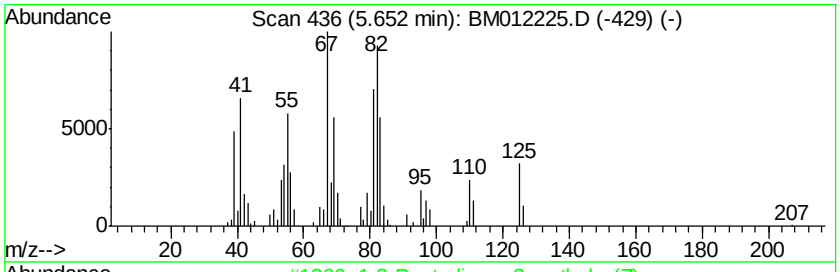
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

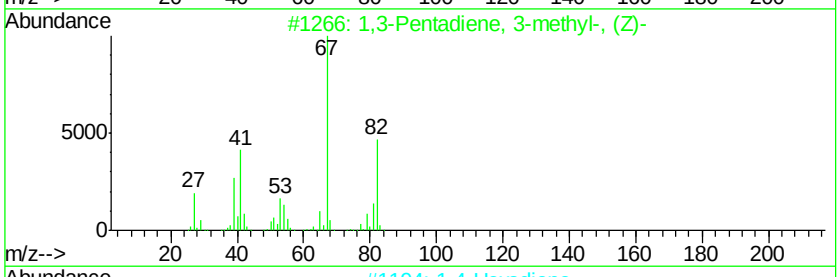
**********

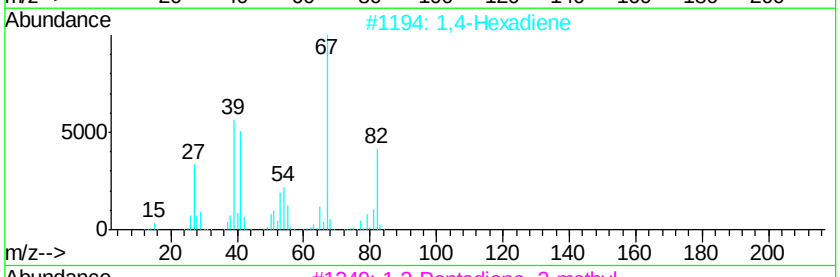
Peak Number 15 unknown-01 Concentration Rank 21

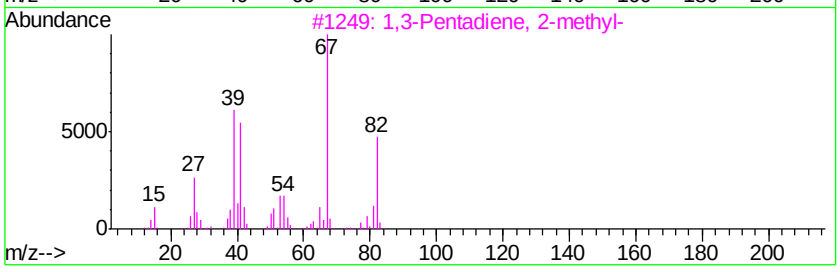
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.65 | 9.77 ng/ul | 347385 | 1,4-Dichlorobenzene-d4 | 7.80 |

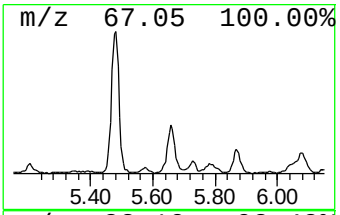
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Pentadiene, 3-methyl-, (Z)- | 82 | C6H10 | 002787-45-3 | 46 |
| 2 | 1,4-Hexadiene | 82 | C6H10 | 000592-45-0 | 46 |
| 3 | 1,3-Pentadiene, 2-methyl- | 82 | C6H10 | 001118-58-7 | 46 |
| 4 | 1,3-Pentadiene, 3-methyl-, (E)- | 82 | C6H10 | 002787-43-1 | 46 |
| 5 | 4-Methyl-1,3-pentadiene | 82 | C6H10 | 000926-56-7 | 43 |

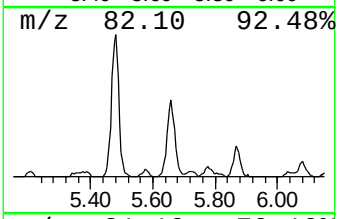


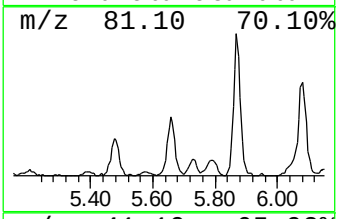



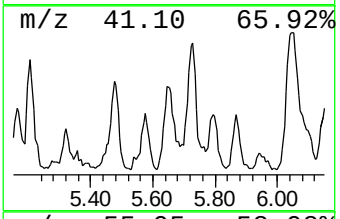



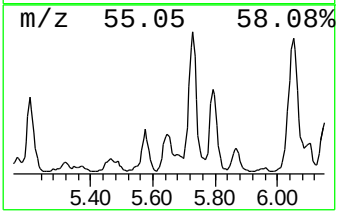



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

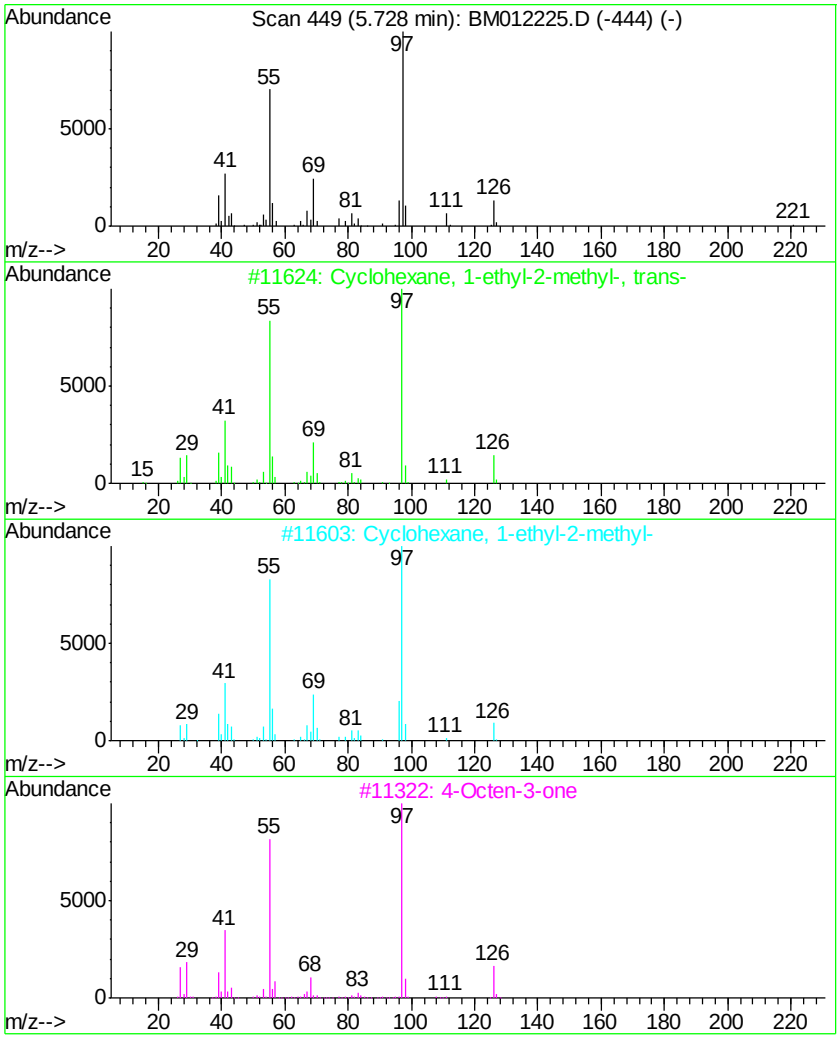
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

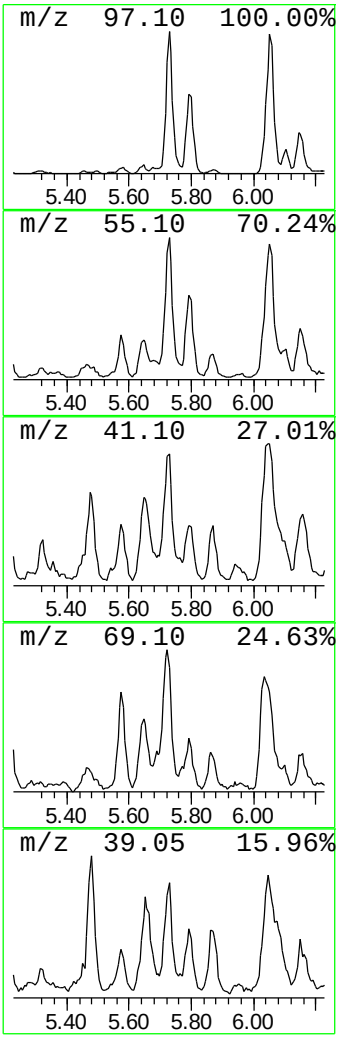
**********

Peak Number 16 (DEL) Alkane: Cyclic5.73 Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.73 | 9.39 ng/ul | 333855 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-78-8 | 87 |
| 2 | Cyclohexane, 1-ethyl-2-methyl- | 126 | C9H18 | 003728-54-9 | 86 |
| 3 | 4-Octen-3-one | 126 | C8H14O | 014129-48-7 | 72 |
| 4 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 004926-78-7 | 72 |
| 5 | 2-Hexene, 3,4,4-trimethyl- | 126 | C9H18 | 053941-19-8 | 72 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

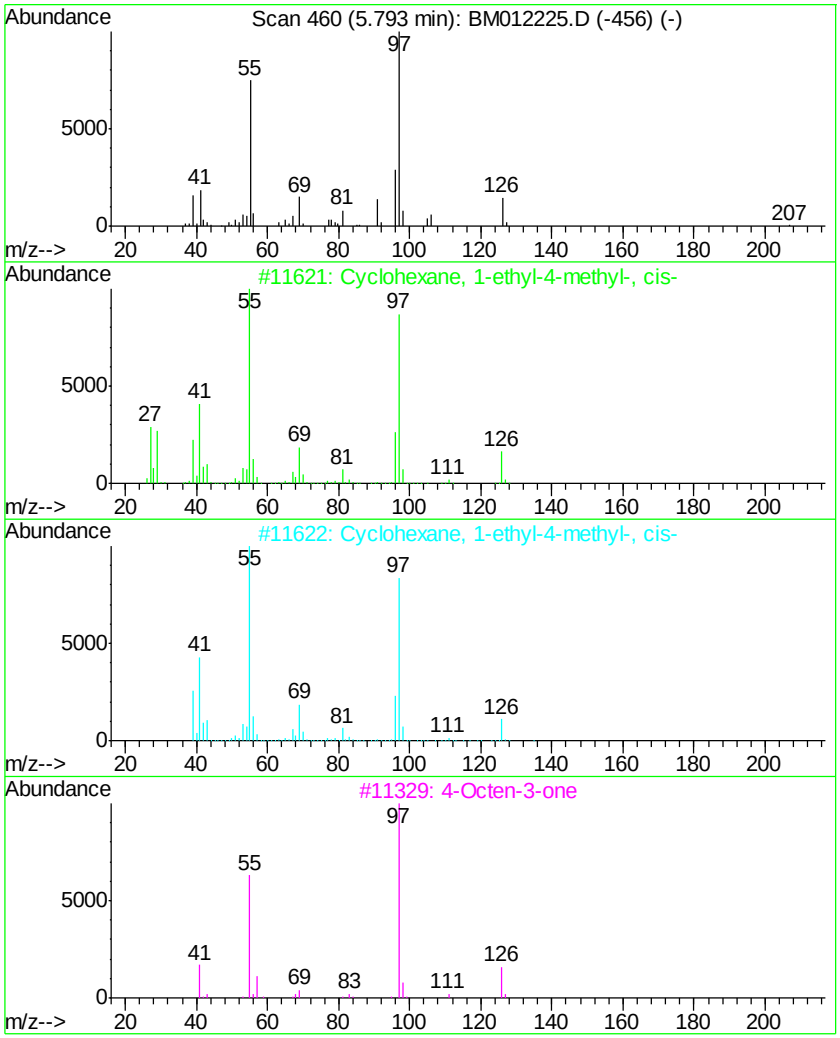
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

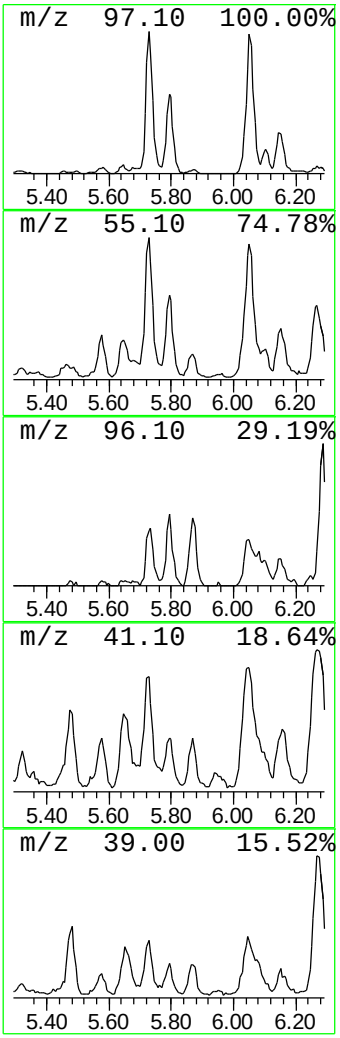
**********

Peak Number 17 (DEL) Alkane: Cyclic5.79 Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.79 | 5.56 ng/ul | 197532 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 004926-78-7 | 87 |
| 2 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 004926-78-7 | 83 |
| 3 | 4-Octen-3-one | 126 | C8H14O | 014129-48-7 | 64 |
| 4 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-78-8 | 64 |
| 5 | Cyclohexane, 1-ethyl-1-methyl- | 126 | C9H18 | 004926-90-3 | 59 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

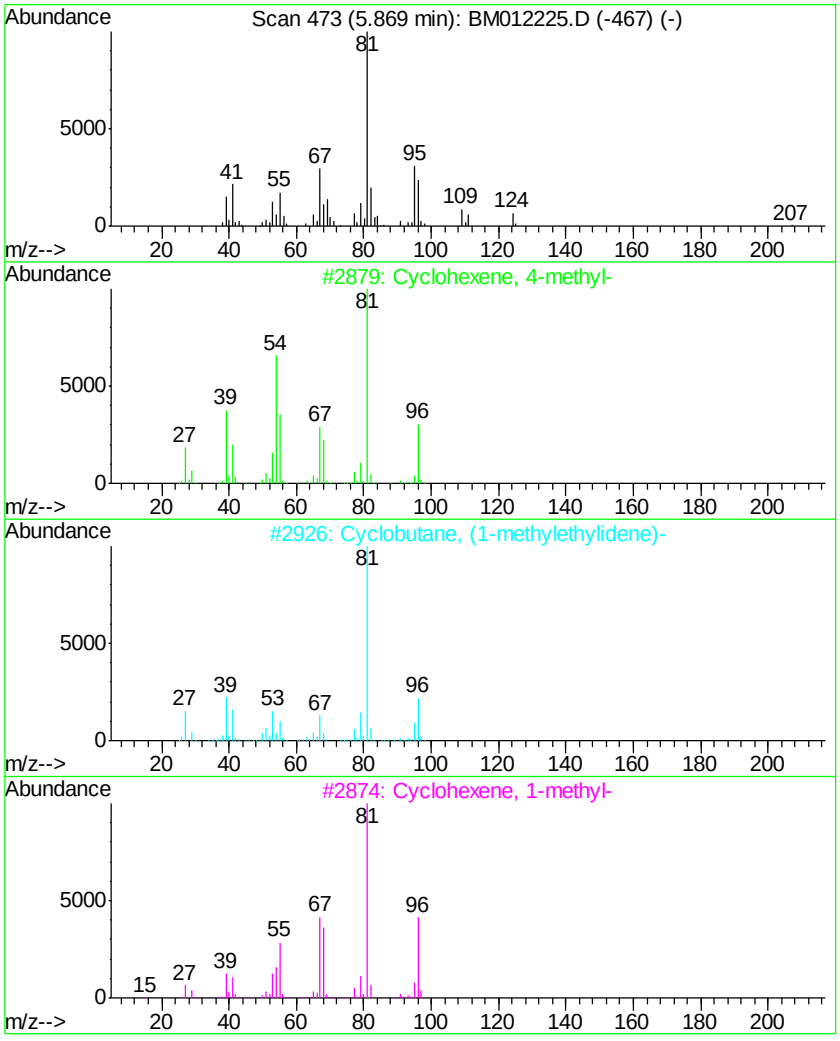
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

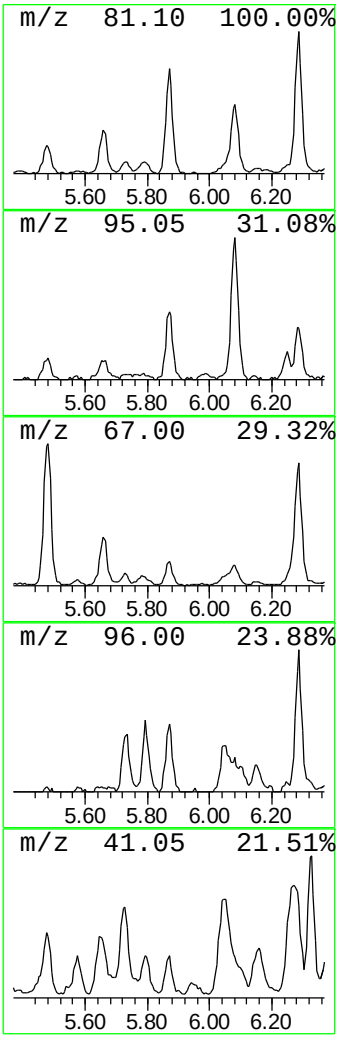
**********

Peak Number 18 Cyclohexene, 4-methyl- Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.87 | 6.08 ng/ul | 216268 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 4-methyl- | 96 | C7H12 | 000591-47-9 | 58 |
| 2 | Cyclobutane, (1-methylethylidene)- | 96 | C7H12 | 001528-22-9 | 58 |
| 3 | Cyclohexene, 1-methyl- | 96 | C7H12 | 000591-49-1 | 53 |
| 4 | Pentane, 1-chloro-5-(methylenecy... | 158 | C9H15Cl | 1000158-49-0 | 53 |
| 5 | Cyclopentane, 1-methyl-2-methylene- | 96 | C7H12 | 041158-41-2 | 53 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

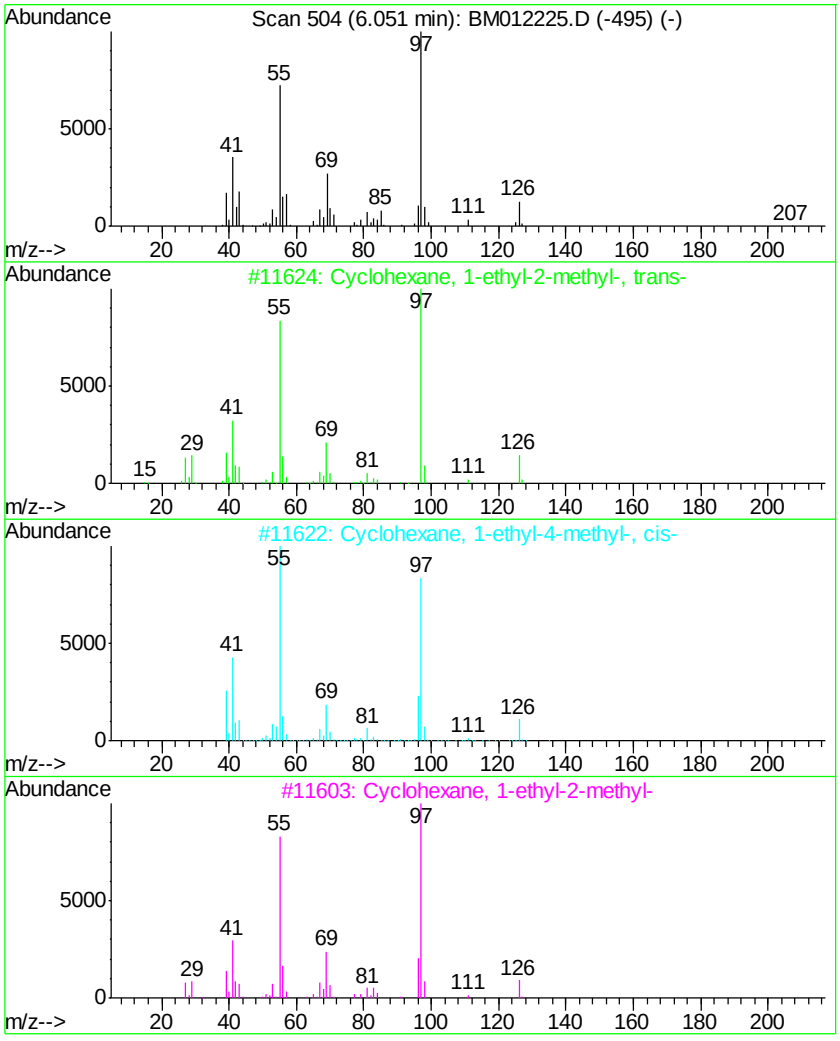
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

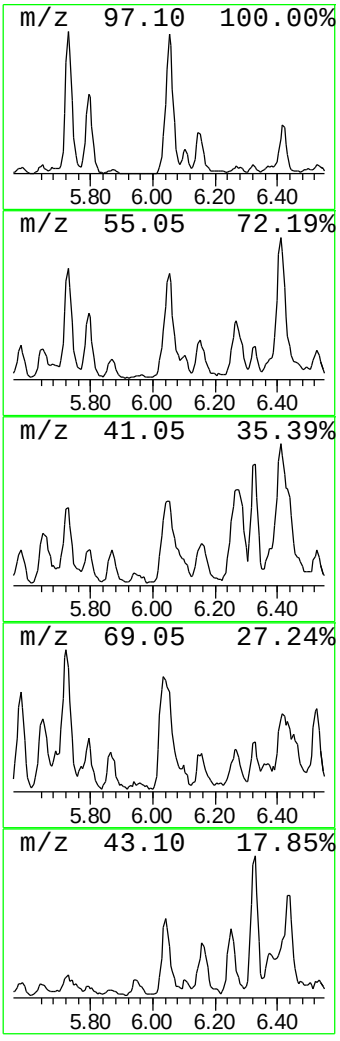
**********

Peak Number 19 (DEL) Alkane: Cyclic6.05 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.05 | 19.94 ng/ul | 708833 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-78-8 | 87 |
| 2 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 004926-78-7 | 76 |
| 3 | Cyclohexane, 1-ethyl-2-methyl- | 126 | C9H18 | 003728-54-9 | 76 |
| 4 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 006236-88-0 | 64 |
| 5 | 1-Ethyl-3-methylcyclohexane (c,t) | 126 | C9H18 | 003728-55-0 | 64 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

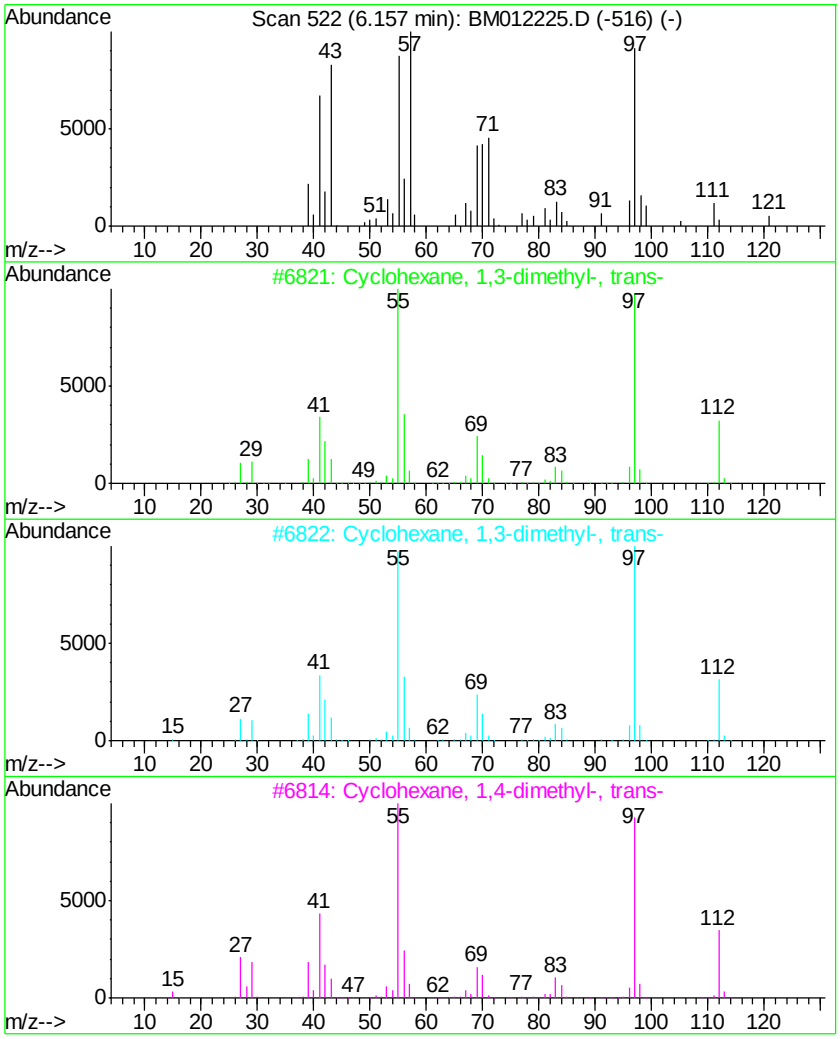
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

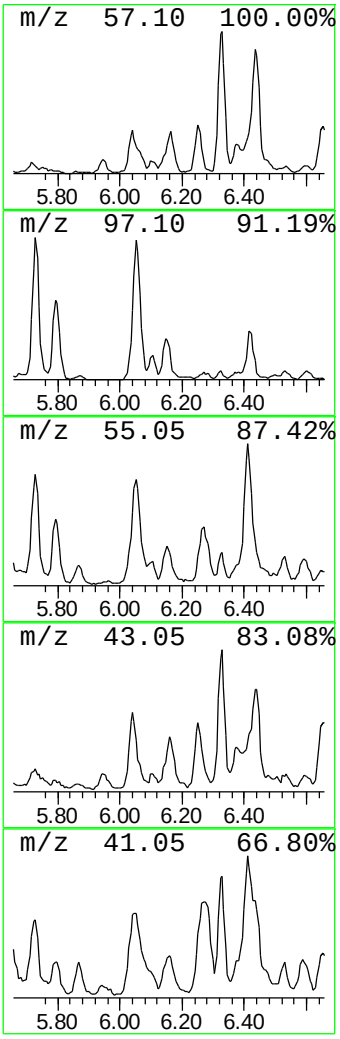
**********

Peak Number 20 (DEL) Alkane: Cyclic6.16 Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.16 | 5.39 ng/ul | 191427 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 43 |
| 2 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 43 |
| 3 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 43 |
| 4 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 43 |
| 5 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 43 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

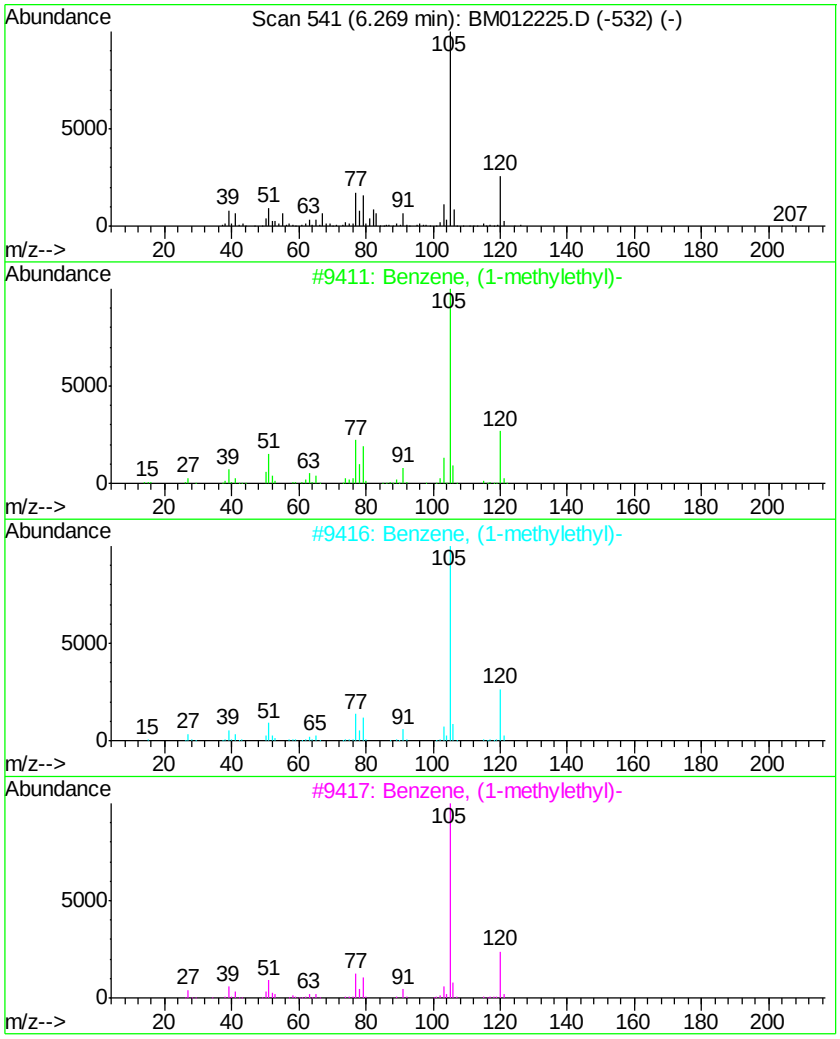
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

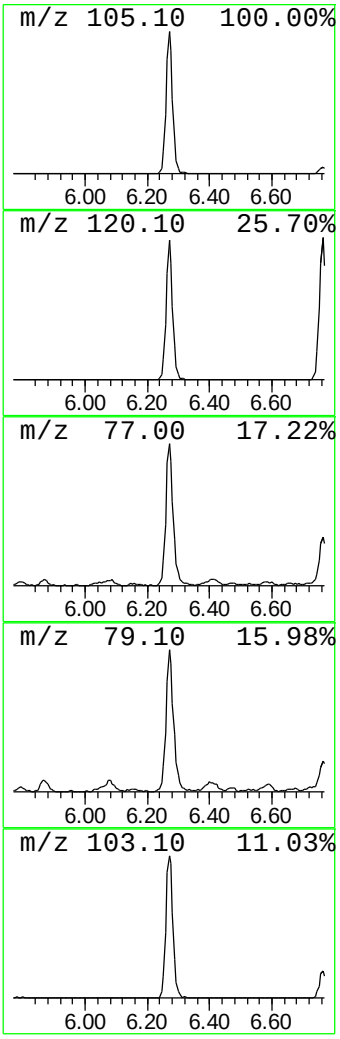
**********

Peak Number 21 Benzene, (1-methylethyl)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.27 | 45.45 ng/ul | 1615480 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 90 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

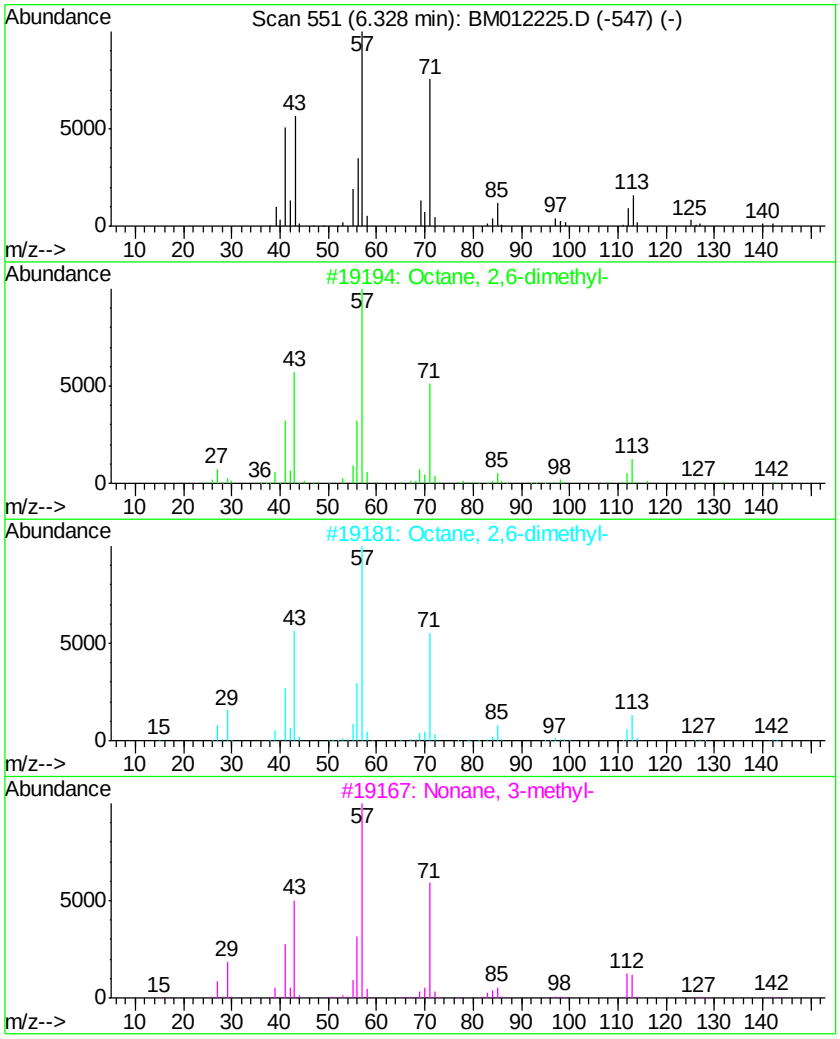
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

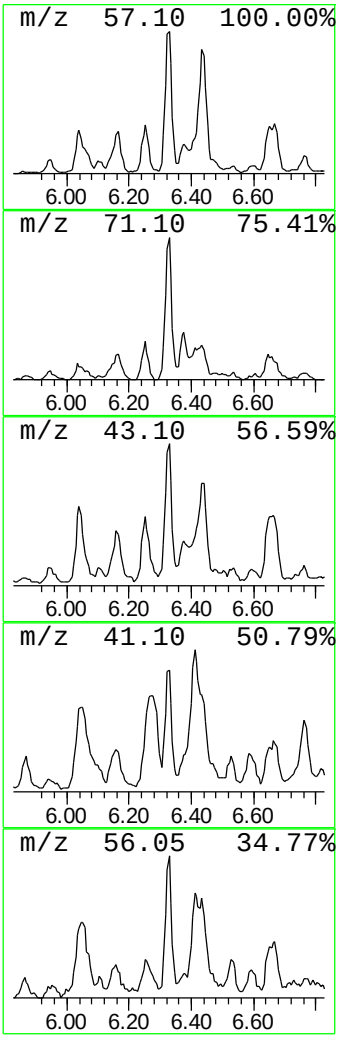
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.33 | 7.47 ng/ul | 265434 | 1,4-Dichlorobenzene-d4 | 7.80 |

| 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 | 91 |
| 3 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 90 |
| 4 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 90 |
| 5 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 87 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

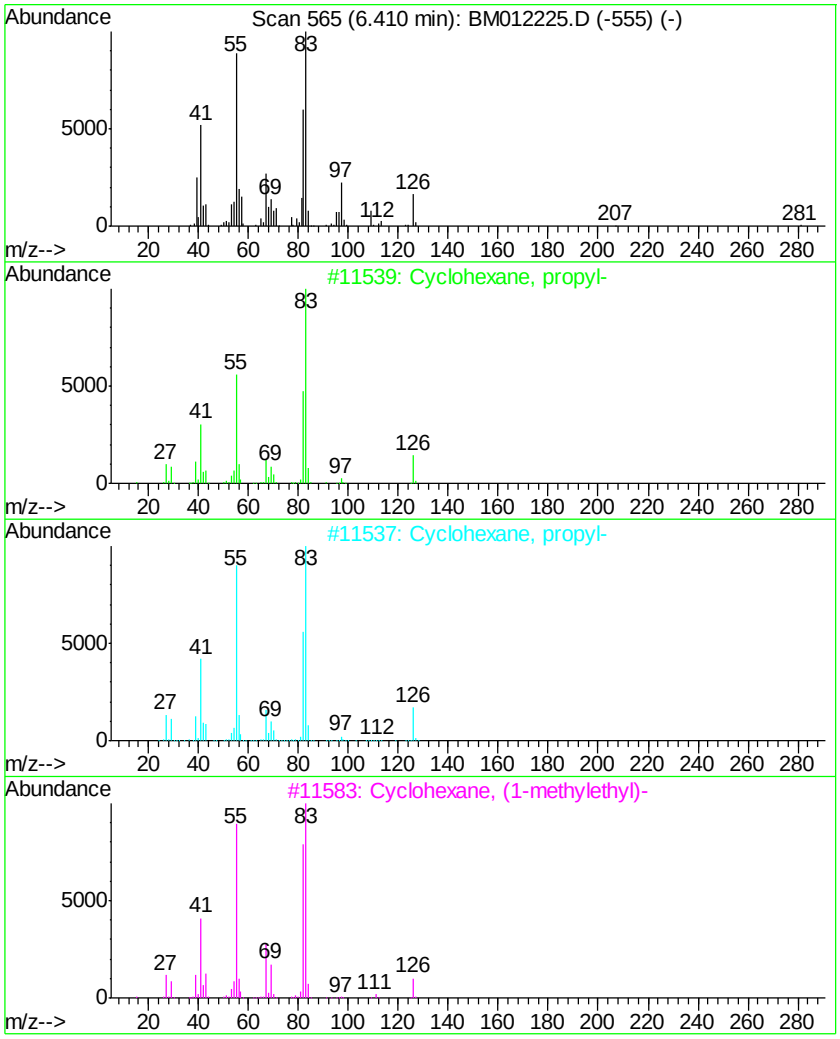
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

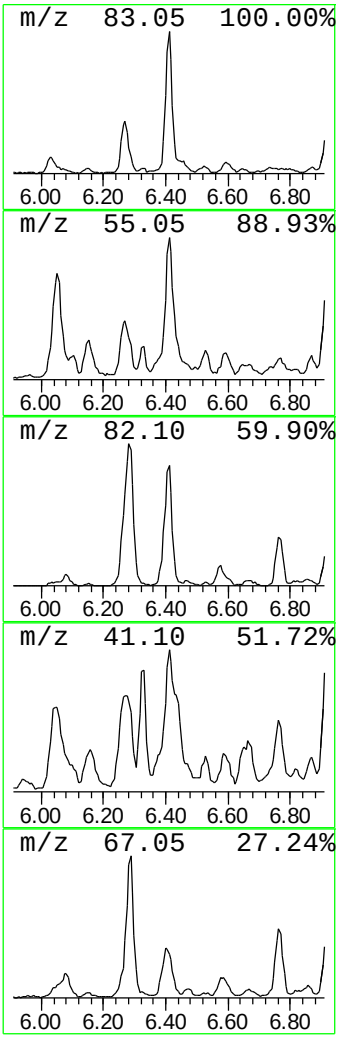
**********

Peak Number 23 (DEL) Alkane: Cyclic6.41 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.41 | 24.50 ng/ul | 870988 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 81 |
| 2 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 81 |
| 3 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 76 |
| 4 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 76 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 68 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

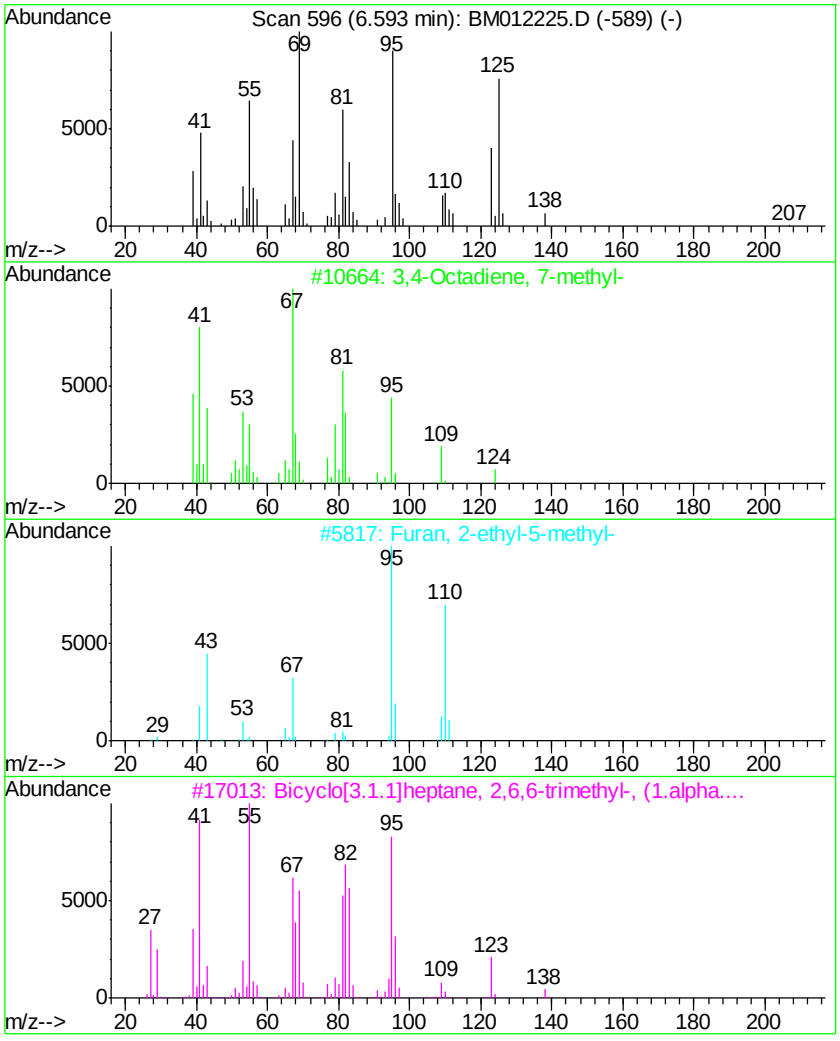
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

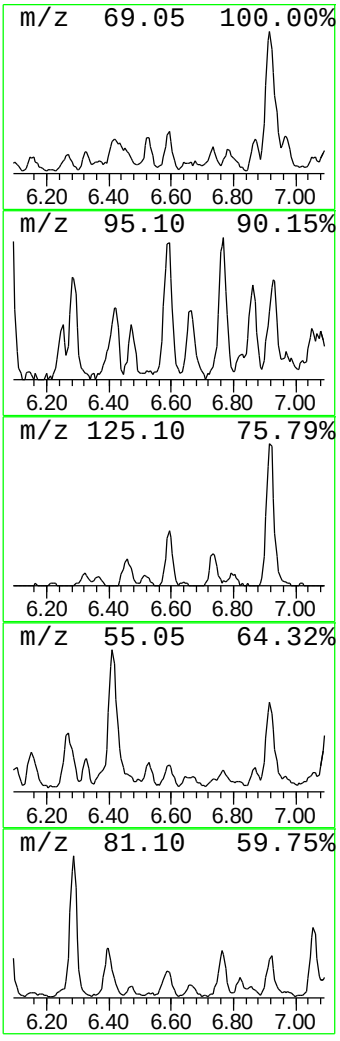
**********

Peak Number 24 3,4-Octadiene, 7-methyl- Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.59 | 5.76 ng/ul | 204697 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Octadiene, 7-methyl- | 124 | C9H16 | 037050-05-8 | 53 |
| 2 | Furan, 2-ethyl-5-methyl- | 110 | C7H10O | 001703-52-2 | 41 |
| 3 | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18 | 006876-13-7 | 38 |
| 4 | 1,4-Hexadiene, 2,3-dimethyl- | 110 | C8H14 | 018669-52-8 | 38 |
| 5 | Cyclopentane, 1,2-dimethyl-3-met... | 110 | C8H14 | 1000150-99-3 | 38 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

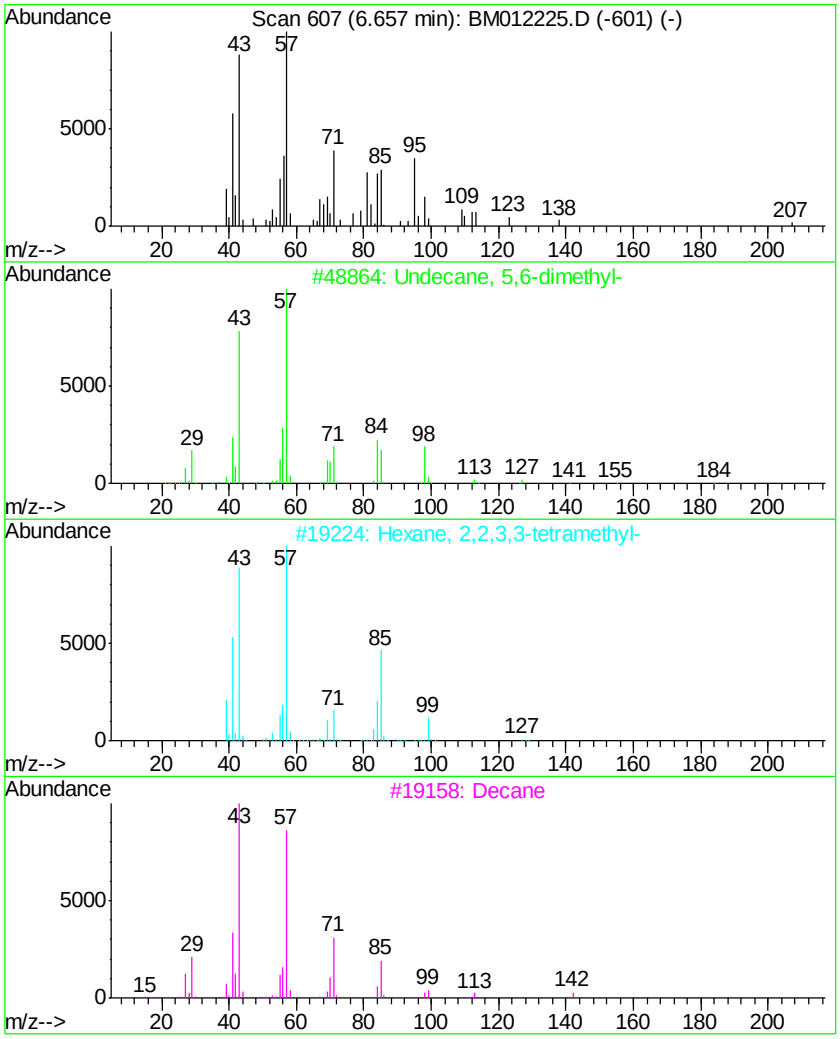
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

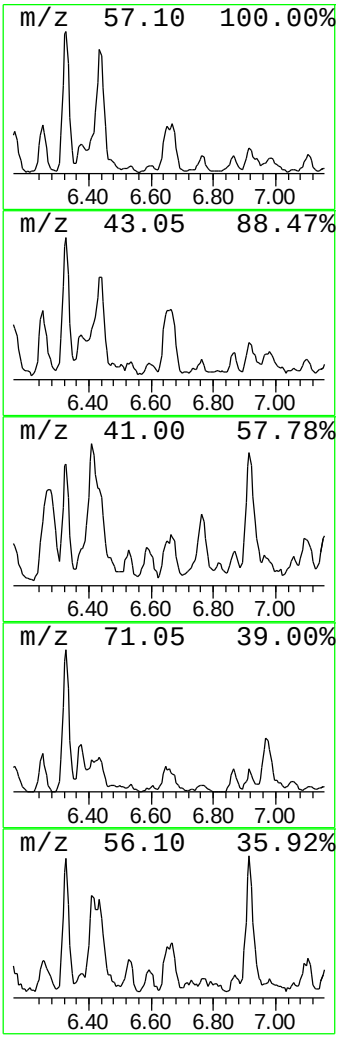
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.66 | 6.49 ng/ul | 230839 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 5,6-dimethyl- | 184 | C13H28 | 017615-91-7 | 58 |
| 2 | Hexane, 2,2,3,3-tetramethyl- | 142 | C10H22 | 013475-81-5 | 35 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 35 |
| 4 | Decane, 5-methyl- | 156 | C11H24 | 013151-35-4 | 35 |
| 5 | Decane | 142 | C10H22 | 000124-18-5 | 35 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

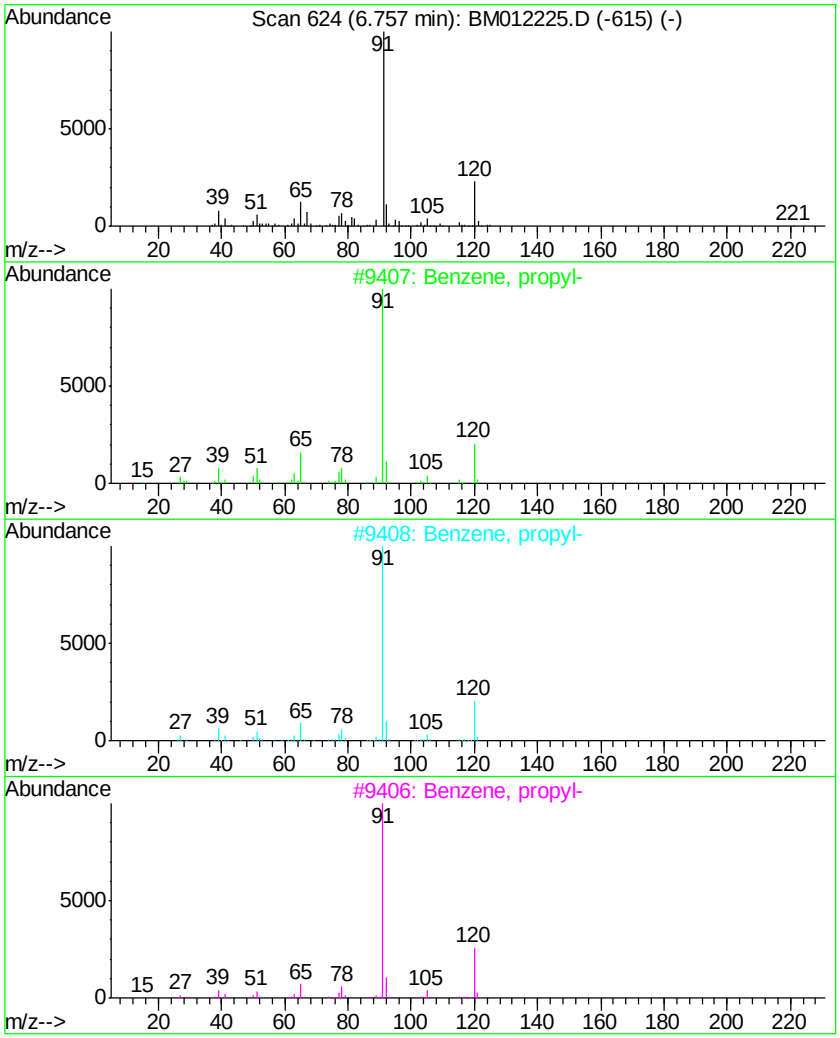
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

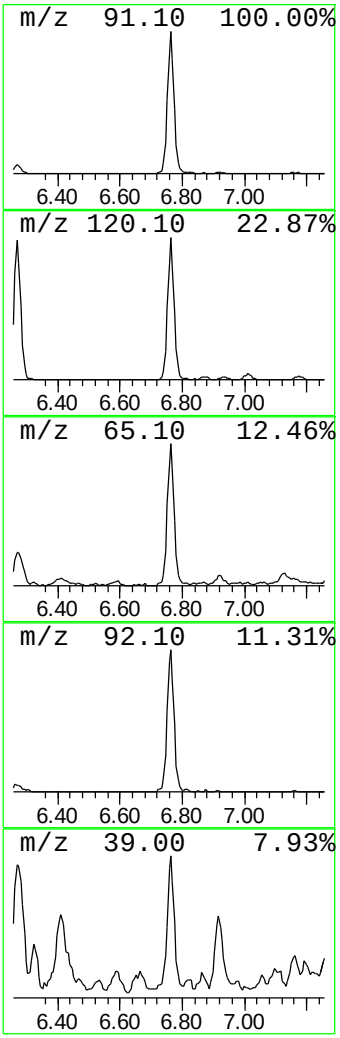
**********

Peak Number 26 Benzene, propyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.76 | 34.13 ng/ul | 1213060 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 93 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 87 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 83 |
| 4 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 78 |
| 5 | Benzeneacetaldehyde | 120 | C8H8O | 000122-78-1 | 64 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

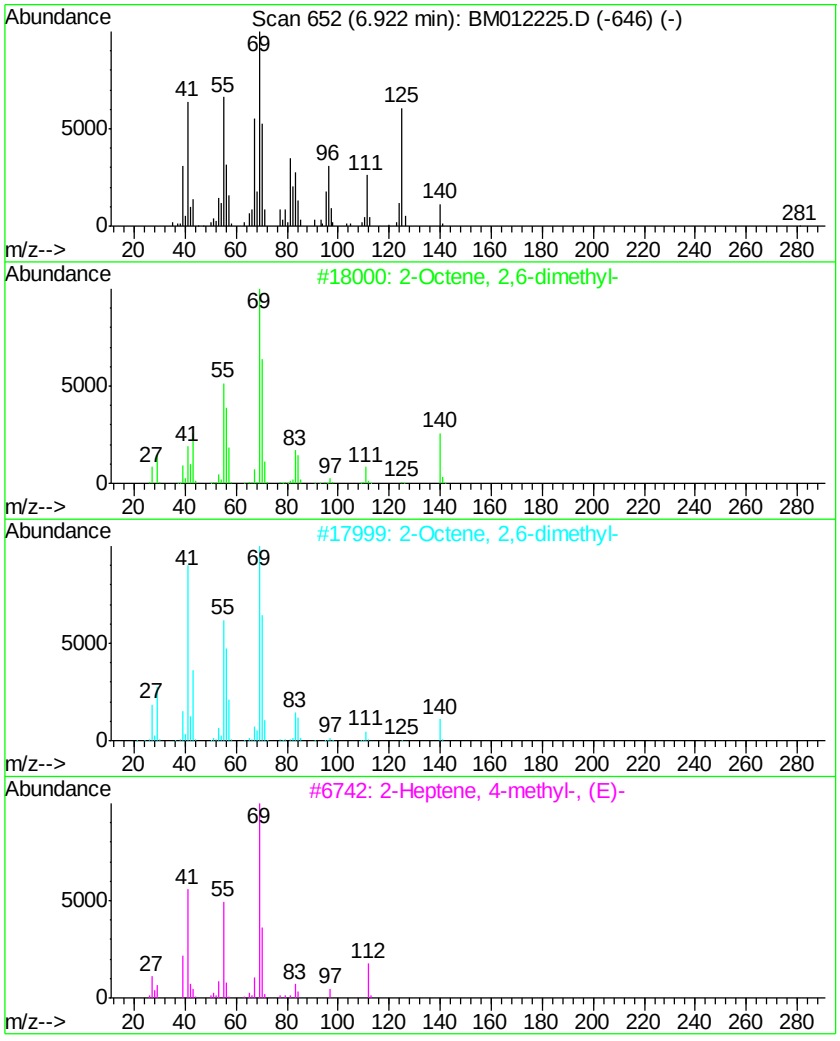
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

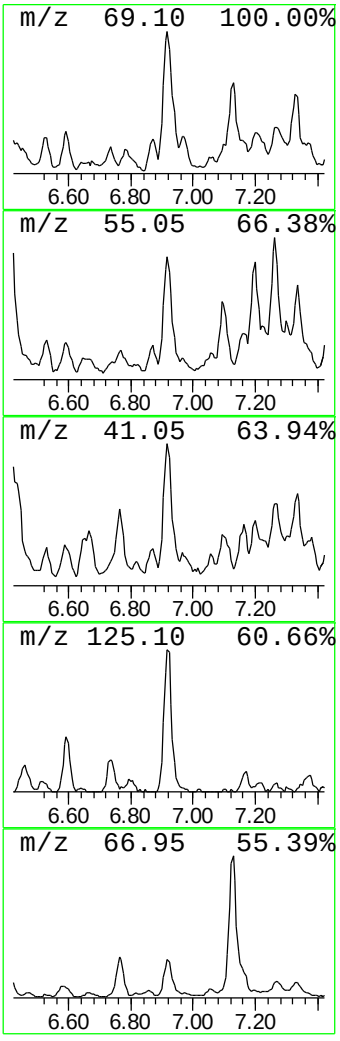
**********

Peak Number 27 (DEL) Alkane: Cyclic6.92 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.92 | 16.51 ng/ul | 586915 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Octene, 2,6-dimethyl- | 140 | C10H20 | 004057-42-5 | 50 |
| 2 | 2-Octene, 2,6-dimethyl- | 140 | C10H20 | 004057-42-5 | 41 |
| 3 | 2-Heptene, 4-methyl-, (E)- | 112 | C8H16 | 066225-17-0 | 30 |
| 4 | 4-Methyl-2-heptene | 112 | C8H16 | 003404-56-6 | 30 |
| 5 | Nonane, 3-methylene- | 140 | C10H20 | 051655-64-2 | 30 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

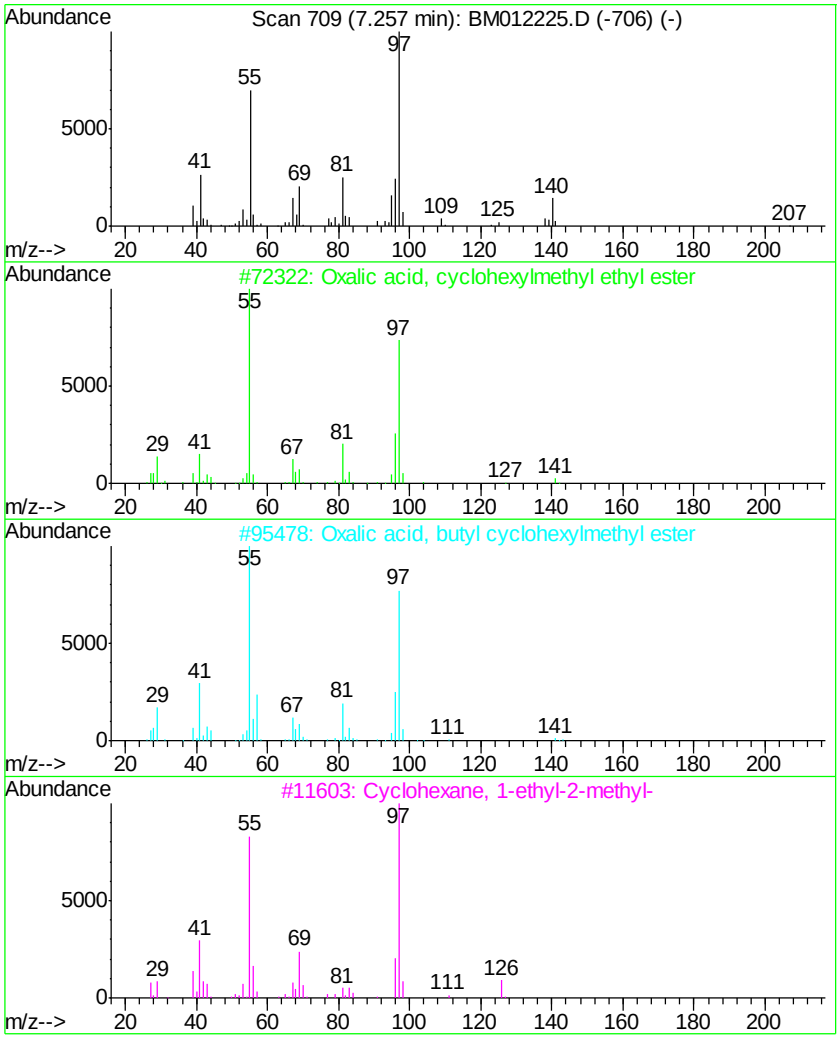
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

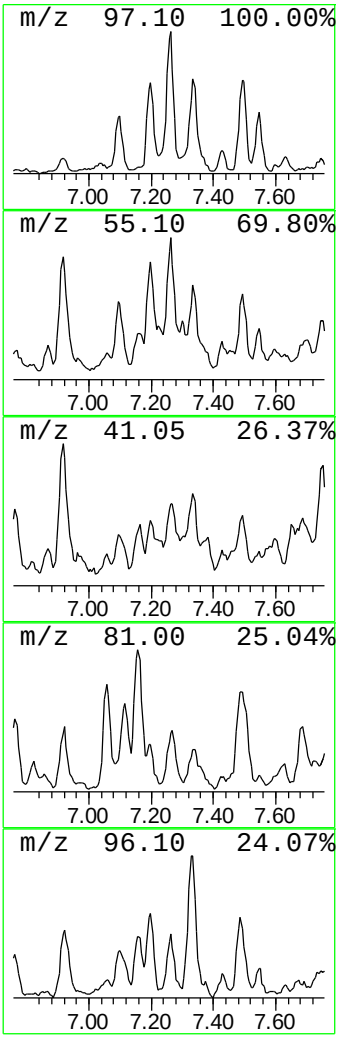
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Oxalic acid, cyclohexylmeth... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.26 | 6.83 ng/ul | 242684 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxalic acid, cyclohexylmethyl et... | 214 | C11H18O4 | 1000309-68-0 | 59 |
| 2 | Oxalic acid, butyl cyclohexylmet... | 242 | C13H22O4 | 1000309-68-2 | 59 |
| 3 | Cyclohexane, 1-ethyl-2-methyl- | 126 | C9H18 | 003728-54-9 | 53 |
| 4 | Cyclohexane, 1-bromo-2-methyl- | 176 | C7H13Br | 006294-39-9 | 50 |
| 5 | Semustine | 247 | C10H18ClN3O2 | 013909-09-6 | 50 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

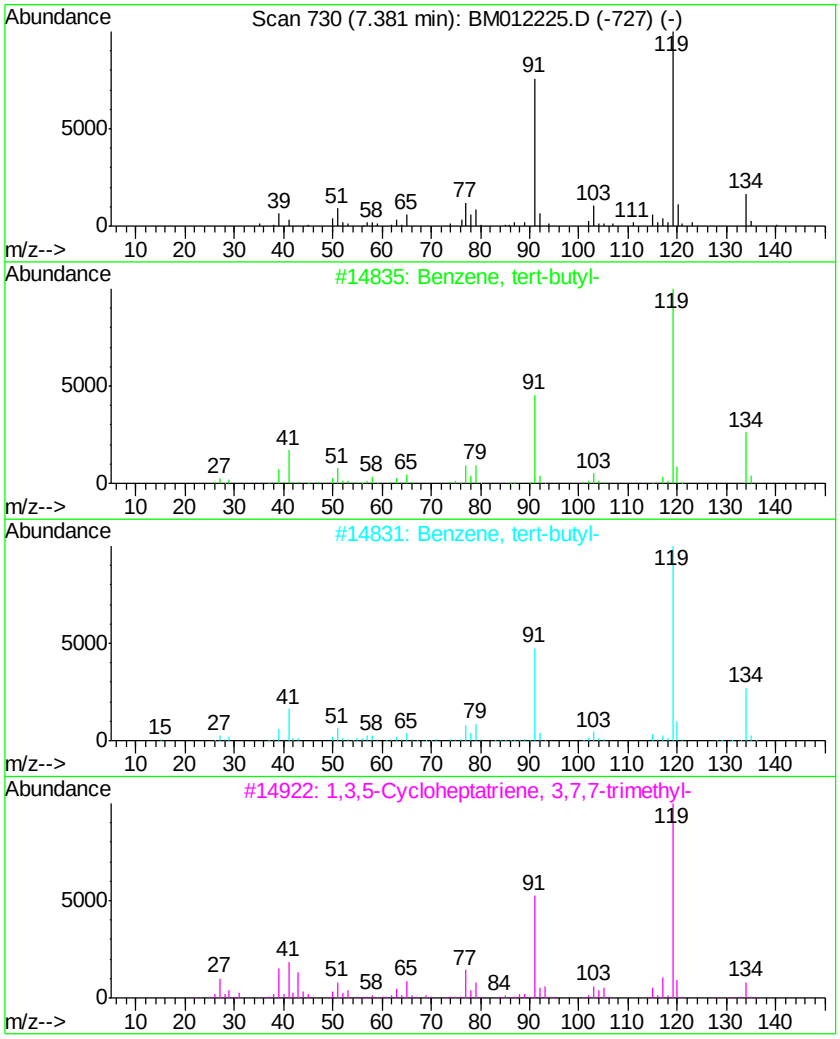
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

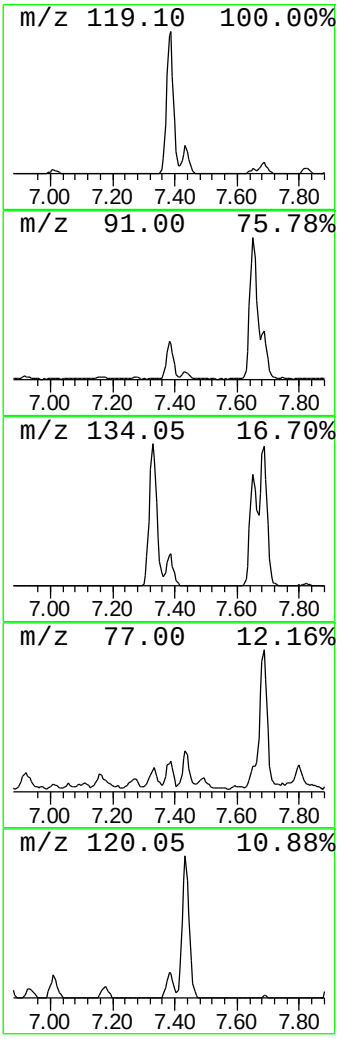
**********

Peak Number 29 Benzene, tert-butyl- Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.38 | 5.64 ng/ul | 200489 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, tert-butyl- | 134 | C10H14 | 000098-06-6 | 91 |
| 2 | Benzene, tert-butyl- | 134 | C10H14 | 000098-06-6 | 91 |
| 3 | 1,3,5-Cycloheptatriene, 3,7,7-tr... | 134 | C10H14 | 003479-89-8 | 83 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 83 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 83 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

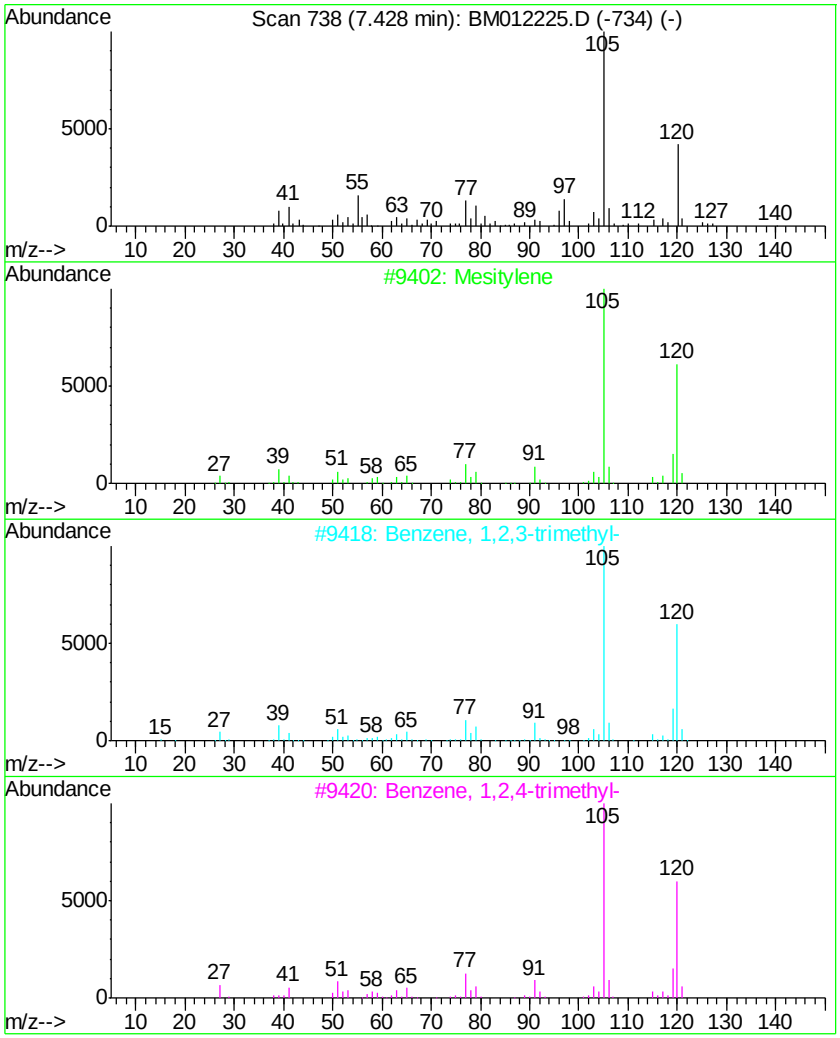
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

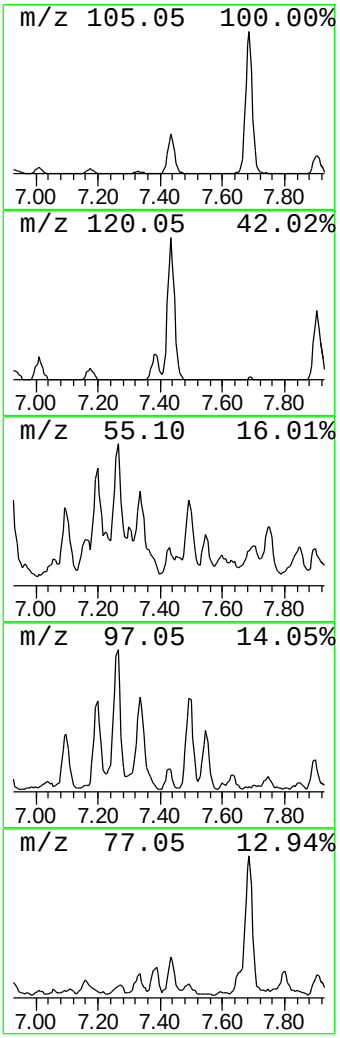
**********

Peak Number 30 Mesitylene Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.43 | 7.57 ng/ul | 268994 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 87 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 87 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 87 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 87 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 87 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

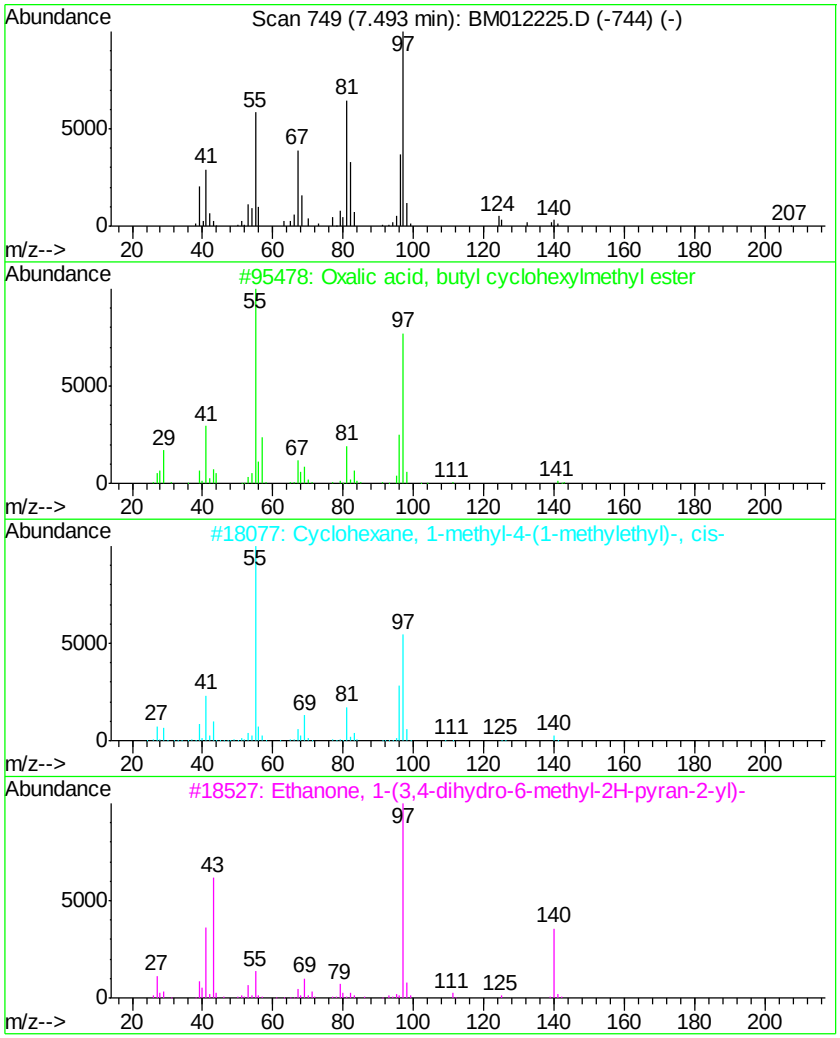
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

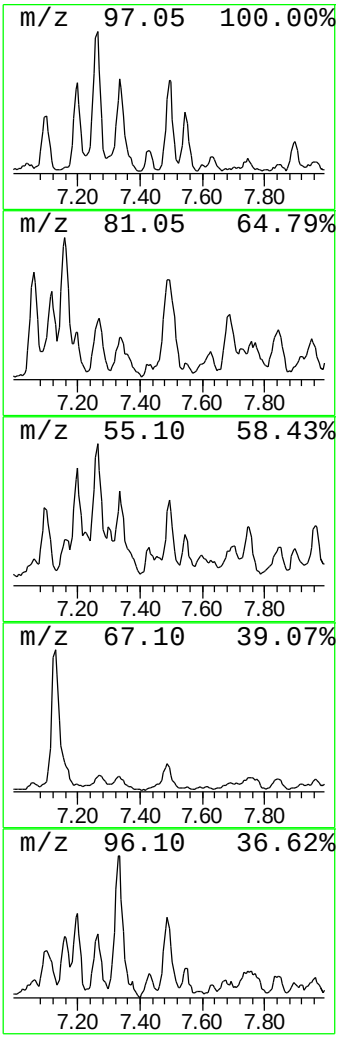
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Oxalic acid, butyl cyclohex... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.49 | 7.37 ng/ul | 262135 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxalic acid, butyl cyclohexylmet... | 242 | C13H22O4 | 1000309-68-2 | 53 |
| 2 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 47 |
| 3 | Ethanone, 1-(3,4-dihydro-6-methy... | 140 | C8H12O2 | 028450-02-4 | 43 |
| 4 | 2-Butyl-3,4,5,6-tetrahydropyridine | 139 | C9H17N | 001462-94-8 | 43 |
| 5 | 1H-Indene, octahydro-, cis- | 124 | C9H16 | 004551-51-3 | 43 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

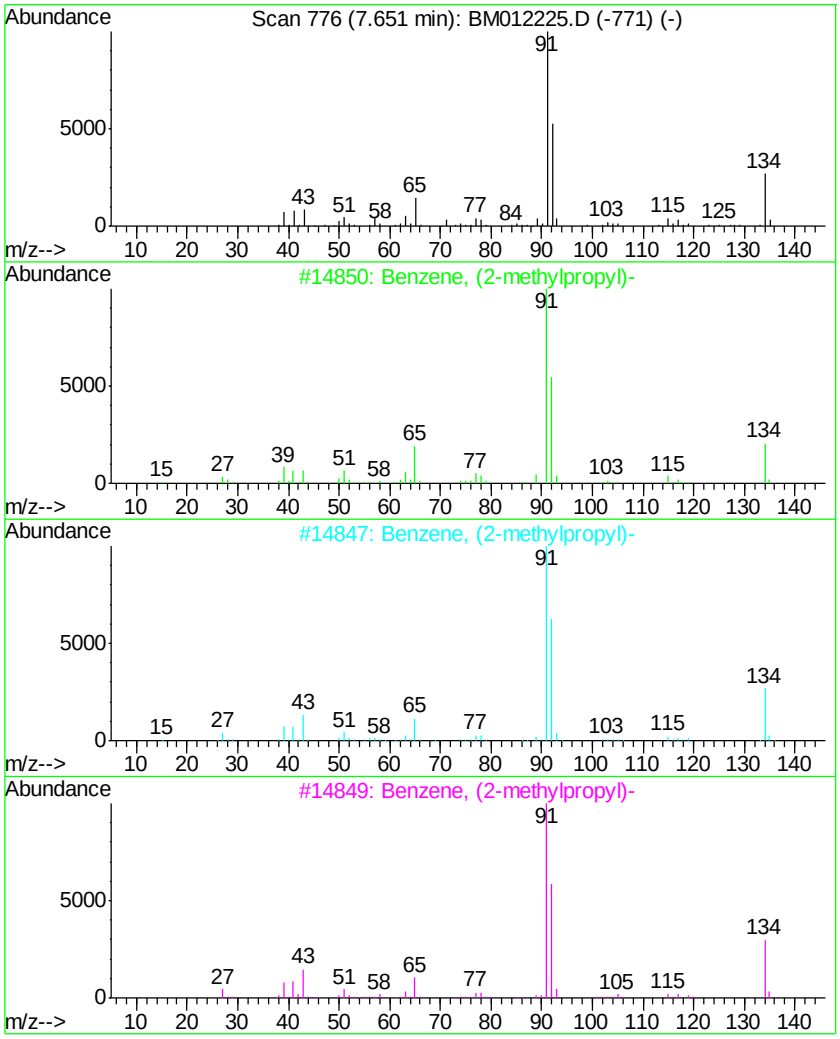
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

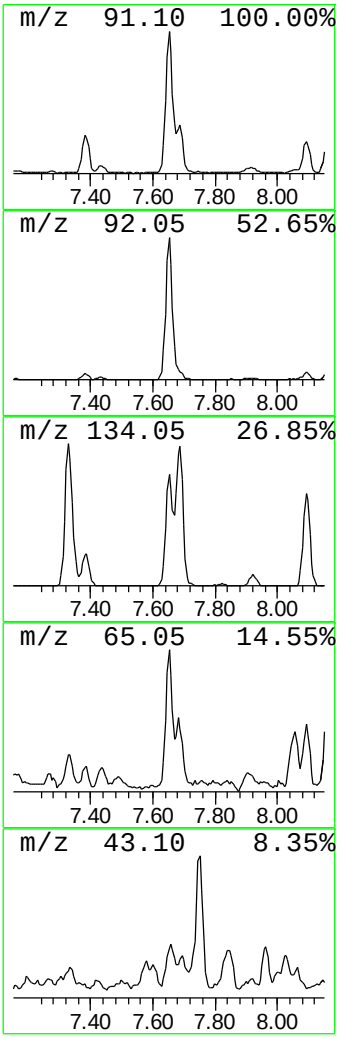
**********

Peak Number 32 Benzene, (2-methylpropyl)- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.65 | 10.74 ng/ul | 381657 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 93 |
| 2 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 90 |
| 3 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 90 |
| 4 | Benzene, butyl- | 134 | C10H14 | 000104-51-8 | 80 |
| 5 | Benzene, butyl- | 134 | C10H14 | 000104-51-8 | 80 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

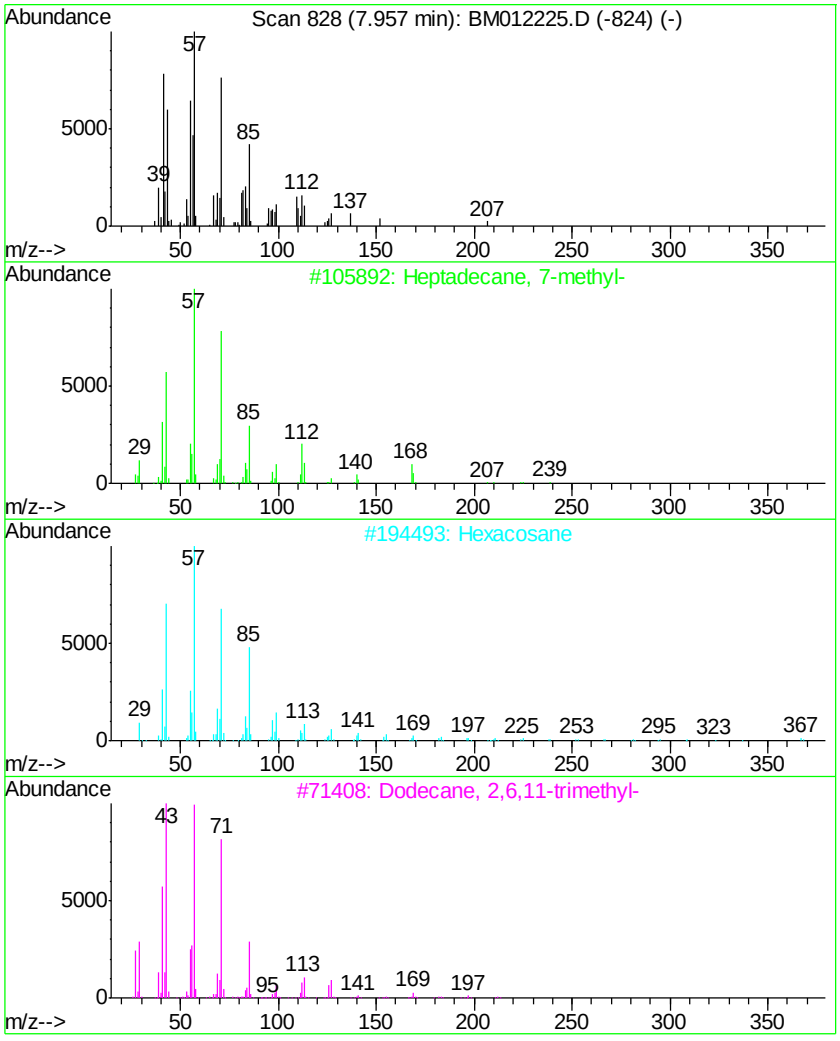
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

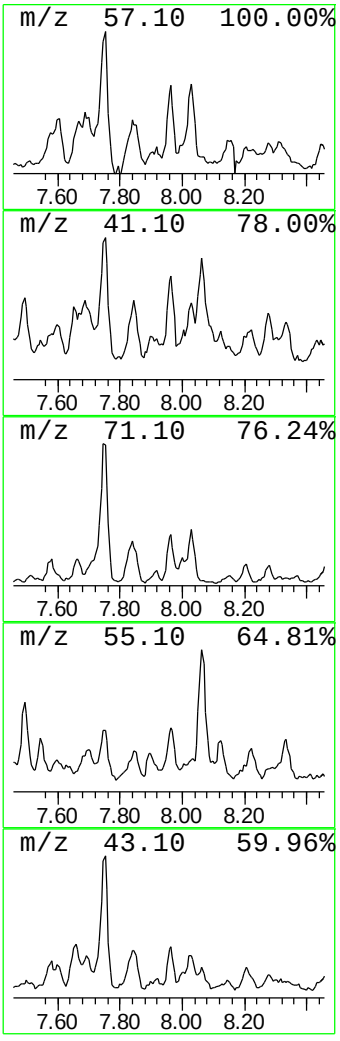
**********

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.96 | 6.23 ng/ul | 221513 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 7-methyl- | 254 | C18H38 | 020959-33-5 | 50 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 50 |
| 3 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 49 |
| 4 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 47 |
| 5 | Dodecane | 170 | C12H26 | 000112-40-3 | 43 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

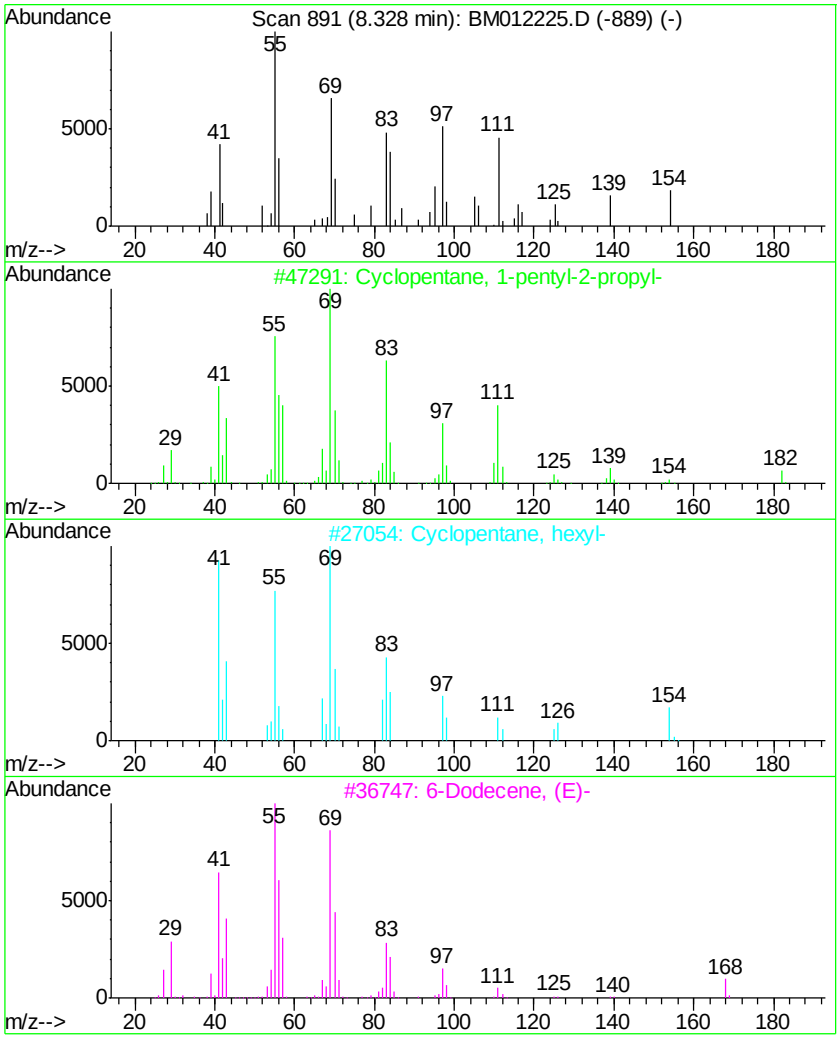
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

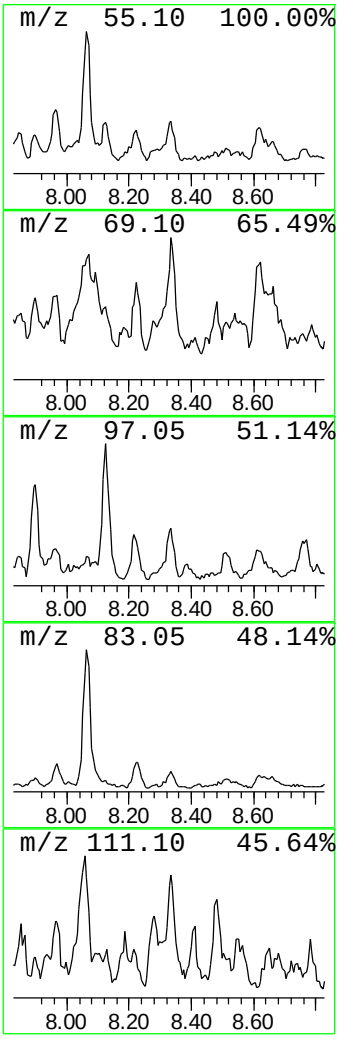
**********

Peak Number 40 (DEL) Alkane: Cyclic8.33 Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.33 | 4.31 ng/ul | 153366 | 1,4-Dichlorobenzene-d4 | 7.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1-pentyl-2-propyl- | 182 | C13H26 | 062199-51-3 | 72 |
| 2 | Cyclopentane, hexyl- | 154 | C11H22 | 004457-00-5 | 58 |
| 3 | 6-Dodecene, (E)- | 168 | C12H24 | 007206-17-9 | 50 |
| 4 | 4-Undecene, 4-methyl-, (Z)- | 168 | C12H24 | 074630-57-2 | 50 |
| 5 | 1-Ethyl-2,2,6-trimethylcyclohexane | 154 | C11H22 | 071186-27-1 | 47 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012225.D
Acq On : 16 Oct 2017 20:54
Operator : SJ/JU
Sample : I5829-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TWP-B-38

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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... | 3.47 | 6.4 | ng/ul | 226625 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 4.13 | 7.2 | ng/ul | 255219 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 4.17 | 3.7 | ng/ul | 130094 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 4.26 | 6.2 | ng/ul | 221716 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 4.42 | 10.3 | ng/ul | 365935 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 4.50 | 6.3 | ng/ul | 224407 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Str... | 4.70 | 6.1 | ng/ul | 215926 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Str... | 4.80 | 7.4 | ng/ul | 264025 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 4.87 | 5.7 | ng/ul | 201705 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 4.91 | 13.1 | ng/ul | 464810 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 4.97 | 13.4 | ng/ul | 476565 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 5.20 | 7.4 | ng/ul | 261965 | 1 | 7.80 | 710903 | 20.0 |
| Pentalene, octahy... | 5.48 | 9.5 | ng/ul | 337061 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 5.58 | 4.5 | ng/ul | 159808 | 1 | 7.80 | 710903 | 20.0 |
| unknown-01 | 5.65 | 9.8 | ng/ul | 347385 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 5.73 | 9.4 | ng/ul | 333855 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 5.79 | 5.6 | ng/ul | 197532 | 1 | 7.80 | 710903 | 20.0 |
| Cyclohexene, 4-me... | 5.87 | 6.1 | ng/ul | 216268 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 6.05 | 19.9 | ng/ul | 708833 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 6.16 | 5.4 | ng/ul | 191427 | 1 | 7.80 | 710903 | 20.0 |
| Benzene, (1-methy... | 6.27 | 45.5 | ng/ul | 1615480 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Str... | 6.33 | 7.5 | ng/ul | 265434 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 6.41 | 24.5 | ng/ul | 870988 | 1 | 7.80 | 710903 | 20.0 |
| 3,4-Octadiene, 7-... | 6.59 | 5.8 | ng/ul | 204697 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Str... | 6.66 | 6.5 | ng/ul | 230839 | 1 | 7.80 | 710903 | 20.0 |
| Benzene, propyl- | 6.76 | 34.1 | ng/ul | 1213060 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 6.92 | 16.5 | ng/ul | 586915 | 1 | 7.80 | 710903 | 20.0 |
| Oxalic acid, cycl... | 7.26 | 6.8 | ng/ul | 242684 | 1 | 7.80 | 710903 | 20.0 |
| Benzene, tert-butyl- | 7.38 | 5.6 | ng/ul | 200489 | 1 | 7.80 | 710903 | 20.0 |
| Mesitylene | 7.43 | 7.6 | ng/ul | 268994 | 1 | 7.80 | 710903 | 20.0 |
| Oxalic acid, buty... | 7.49 | 7.4 | ng/ul | 262135 | 1 | 7.80 | 710903 | 20.0 |
| Benzene, (2-methy... | 7.65 | 10.7 | ng/ul | 381657 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Str... | 7.96 | 6.2 | ng/ul | 221513 | 1 | 7.80 | 710903 | 20.0 |
| (DEL) Alkane: Cyc... | 8.33 | 4.3 | ng/ul | 153366 | 1 | 7.80 | 710903 | 20.0 |