LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

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-BM110417MA.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 | 5.463 | 398 | 404 | 413 | rBV | 712358 | 1270738 | 26.77% | 1.373% |
| 2 | 5.834 | 461 | 467 | 475 | rVB3 | 205300 | 352357 | 7.42% | 0.381% |
| 3 | 6.087 | 503 | 510 | 517 | rBV3 | 153287 | 369146 | 7.78% | 0.399% |
| 4 | 6.304 | 541 | 547 | 554 | rBV3 | 189446 | 428410 | 9.03% | 0.463% |
| 5 | 6.798 | 621 | 631 | 637 | rBV2 | 215908 | 450925 | 9.50% | 0.487% |
| 6 | 6.904 | 644 | 649 | 653 | rBV2 | 248791 | 376922 | 7.94% | 0.407% |
| 7 | 6.951 | 653 | 657 | 665 | rBV4 | 420670 | 855253 | 18.02% | 0.924% |
| 8 | 7.034 | 666 | 671 | 677 | rVB | 319958 | 492482 | 10.38% | 0.532% |
| 9 | 7.457 | 736 | 743 | 750 | rBV2 | 473719 | 712976 | 15.02% | 0.771% |
| 10 | 7.810 | 793 | 803 | 807 | rVB2 | 327664 | 783690 | 16.51% | 0.847% |
| 11 | 7.928 | 818 | 823 | 830 | rBV2 | 269871 | 632463 | 13.33% | 0.683% |
| 12 | 7.992 | 830 | 834 | 838 | rVB3 | 264813 | 397407 | 8.37% | 0.429% |
| 13 | 8.181 | 858 | 866 | 870 | rVB2 | 243582 | 459951 | 9.69% | 0.497% |
| 14 | 8.298 | 882 | 886 | 889 | rBV | 227284 | 358966 | 7.56% | 0.388% |
| 15 | 8.357 | 889 | 896 | 900 | rVV3 | 354519 | 672955 | 14.18% | 0.727% |
| 16 | 8.445 | 906 | 911 | 917 | rBV | 655617 | 1082332 | 22.80% | 1.170% |
| 17 | 8.810 | 968 | 973 | 979 | rVB | 203130 | 382786 | 8.07% | 0.414% |
| 18 | 8.910 | 979 | 990 | 996 | rBV2 | 934345 | 1772832 | 37.35% | 1.916% |
| 19 | 8.992 | 998 | 1004 | 1014 | rVV3 | 418798 | 1025624 | 21.61% | 1.108% |
| 20 | 9.157 | 1027 | 1032 | 1038 | rVB3 | 390478 | 851250 | 17.94% | 0.920% |
| 21 | 9.239 | 1038 | 1046 | 1061 | rBV7 | 198085 | 911113 | 19.20% | 0.985% |
| 22 | 9.434 | 1075 | 1079 | 1084 | rBV2 | 376111 | 583350 | 12.29% | 0.630% |
| 23 | 9.492 | 1084 | 1089 | 1092 | rVV | 443811 | 739024 | 15.57% | 0.799% |
| 24 | 9.522 | 1092 | 1094 | 1099 | rVB | 314725 | 414103 | 8.73% | 0.448% |
| 25 | 9.686 | 1114 | 1122 | 1126 | rBV2 | 407857 | 746512 | 15.73% | 0.807% |
| 26 | 9.734 | 1126 | 1130 | 1134 | rVB3 | 276203 | 415680 | 8.76% | 0.449% |
| 27 | 9.786 | 1134 | 1139 | 1146 | rBV3 | 488696 | 1304441 | 27.48% | 1.410% |
| 28 | 9.851 | 1146 | 1150 | 1153 | rVV2 | 389746 | 627337 | 13.22% | 0.678% |
| 29 | 9.881 | 1153 | 1155 | 1160 | rVB2 | 338486 | 429270 | 9.04% | 0.464% |
| 30 | 9.951 | 1161 | 1167 | 1171 | rBV2 | 346060 | 624464 | 13.16% | 0.675% |
| 31 | 9.998 | 1171 | 1175 | 1181 | rVV2 | 920001 | 1648059 | 34.72% | 1.781% |
| 32 | 10.069 | 1182 | 1187 | 1193 | rVB2 | 359479 | 610025 | 12.85% | 0.659% |
| 33 | 10.186 | 1200 | 1207 | 1211 | rVV5 | 271528 | 631622 | 13.31% | 0.683% |
| 34 | 10.233 | 1211 | 1215 | 1221 | rVB | 695163 | 1122263 | 23.65% | 1.213% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

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-BM110417MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 10.304 | 1221 | 1227 | 1235 | rBV | 420736 | 722104 | 15.21% | 0.780% |
| 36 | 10.516 | 1250 | 1263 | 1266 | rBV8 | 272717 | 926791 | 19.53% | 1.002% |
| 37 | 10.586 | 1266 | 1275 | 1281 | rVV2 | 818037 | 2344543 | 49.40% | 2.534% |
| 38 | 10.651 | 1281 | 1286 | 1293 | rVV4 | 694461 | 1414286 | 29.80% | 1.528% |
| 39 | 10.716 | 1293 | 1297 | 1302 | rVV | 580716 | 878792 | 18.52% | 0.950% |
| 40 | 10.763 | 1302 | 1305 | 1309 | rVB | 292194 | 373494 | 7.87% | 0.404% |
| 41 | 10.822 | 1310 | 1315 | 1323 | rVB3 | 319940 | 565297 | 11.91% | 0.611% |
| 42 | 11.069 | 1352 | 1357 | 1365 | rVB2 | 580412 | 1231575 | 25.95% | 1.331% |
| 43 | 11.180 | 1366 | 1376 | 1379 | rBV2 | 345618 | 726043 | 15.30% | 0.785% |
| 44 | 11.257 | 1385 | 1389 | 1393 | rBV | 393338 | 671565 | 14.15% | 0.726% |
| 45 | 11.298 | 1393 | 1396 | 1404 | rVB6 | 393508 | 838032 | 17.66% | 0.906% |
| 46 | 11.369 | 1404 | 1408 | 1414 | rVB3 | 220504 | 435252 | 9.17% | 0.470% |
| 47 | 11.439 | 1414 | 1420 | 1426 | rVB4 | 278194 | 538371 | 11.34% | 0.582% |
| 48 | 11.516 | 1426 | 1433 | 1440 | rBV2 | 533226 | 1053209 | 22.19% | 1.138% |
| 49 | 11.628 | 1447 | 1452 | 1455 | rBV | 495262 | 796612 | 16.78% | 0.861% |
| 50 | 11.710 | 1462 | 1466 | 1471 | rVB | 352724 | 598665 | 12.61% | 0.647% |
| 51 | 11.792 | 1471 | 1480 | 1488 | rBV2 | 1277532 | 2479570 | 52.24% | 2.680% |
| 52 | 11.992 | 1509 | 1514 | 1516 | rBV | 231798 | 393345 | 8.29% | 0.425% |
| 53 | 12.151 | 1535 | 1541 | 1546 | rVB | 714383 | 1265911 | 26.67% | 1.368% |
| 54 | 12.227 | 1550 | 1554 | 1569 | rVB6 | 268686 | 759040 | 15.99% | 0.820% |
| 55 | 12.469 | 1591 | 1595 | 1598 | rBV3 | 216882 | 356618 | 7.51% | 0.385% |
| 56 | 12.522 | 1598 | 1604 | 1609 | rVV | 1361548 | 2320503 | 48.89% | 2.508% |
| 57 | 12.598 | 1614 | 1617 | 1621 | rVB | 343874 | 438897 | 9.25% | 0.474% |
| 58 | 12.657 | 1621 | 1627 | 1631 | rVB6 | 219984 | 383645 | 8.08% | 0.415% |
| 59 | 12.775 | 1643 | 1647 | 1650 | rBV2 | 356059 | 590199 | 12.44% | 0.638% |
| 60 | 12.827 | 1653 | 1656 | 1661 | rVB2 | 339951 | 466376 | 9.83% | 0.504% |
| 61 | 12.933 | 1669 | 1674 | 1678 | rBV4 | 275416 | 526560 | 11.09% | 0.569% |
| 62 | 12.986 | 1678 | 1683 | 1688 | rVB3 | 871906 | 1448447 | 30.52% | 1.565% |
| 63 | 13.098 | 1697 | 1702 | 1707 | rBV3 | 154005 | 391978 | 8.26% | 0.424% |
| 64 | 13.151 | 1707 | 1711 | 1716 | rVB3 | 343443 | 567392 | 11.95% | 0.613% |
| 65 | 13.222 | 1716 | 1723 | 1726 | rBV5 | 284853 | 565371 | 11.91% | 0.611% |
| 66 | 13.392 | 1748 | 1752 | 1756 | rVV | 946001 | 1428035 | 30.09% | 1.543% |
| 67 | 13.439 | 1756 | 1760 | 1764 | rVB2 | 430076 | 538446 | 11.35% | 0.582% |
| 68 | 13.610 | 1781 | 1789 | 1793 | rBV2 | 465369 | 964573 | 20.32% | 1.042% |
| 69 | 13.733 | 1804 | 1810 | 1814 | rBV6 | 358460 | 989235 | 20.84% | 1.069% |
| 70 | 13.821 | 1821 | 1825 | 1829 | rVB4 | 363951 | 553939 | 11.67% | 0.599% |
| 71 | 13.869 | 1830 | 1833 | 1837 | rVV3 | 368455 | 473505 | 9.98% | 0.512% |

LSC Area Percent Report

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Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

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-BM110417MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 13.933 | 1837 | 1844 | 1847 | rVV2 | 1173025 | 1983747 | 41.80% | 2.144% |
| 73 | 13.969 | 1847 | 1850 | 1854 | rVV3 | 611332 | 942969 | 19.87% | 1.019% |
| 74 | 14.027 | 1857 | 1860 | 1868 | rVB4 | 629478 | 1069415 | 22.53% | 1.156% |
| 75 | 14.292 | 1900 | 1905 | 1909 | rVB5 | 291313 | 585551 | 12.34% | 0.633% |
| 76 | 14.351 | 1910 | 1915 | 1920 | rVB4 | 419848 | 713338 | 15.03% | 0.771% |
| 77 | 14.421 | 1923 | 1927 | 1929 | rBV5 | 426279 | 645758 | 13.61% | 0.698% |
| 78 | 14.451 | 1929 | 1932 | 1937 | rVB2 | 965744 | 1303948 | 27.47% | 1.409% |
| 79 | 14.669 | 1965 | 1969 | 1976 | rVB4 | 314867 | 784258 | 16.52% | 0.848% |
| 80 | 14.857 | 1997 | 2001 | 2010 | rVB4 | 580971 | 948997 | 20.00% | 1.026% |
| 81 | 14.974 | 2017 | 2021 | 2025 | rBV3 | 399405 | 656504 | 13.83% | 0.709% |
| 82 | 15.074 | 2033 | 2038 | 2040 | rBV2 | 451526 | 759377 | 16.00% | 0.821% |
| 83 | 15.180 | 2052 | 2056 | 2063 | rBV5 | 276053 | 569873 | 12.01% | 0.616% |
| 84 | 15.492 | 2105 | 2109 | 2112 | rBV3 | 337023 | 453778 | 9.56% | 0.490% |
| 85 | 15.663 | 2135 | 2138 | 2141 | rBV3 | 242194 | 387673 | 8.17% | 0.419% |
| 86 | 15.710 | 2141 | 2146 | 2152 | rVB | 1551452 | 2396671 | 50.50% | 2.590% |
| 87 | 15.915 | 2178 | 2181 | 2185 | rVB2 | 309192 | 398663 | 8.40% | 0.431% |
| 88 | 16.004 | 2193 | 2196 | 2201 | rBV5 | 208915 | 393952 | 8.30% | 0.426% |
| 89 | 16.192 | 2220 | 2228 | 2233 | rBV | 2857504 | 4746094 | 100.00% | 5.129% |
| 90 | 16.557 | 2287 | 2290 | 2296 | rVB3 | 465346 | 686035 | 14.45% | 0.741% |
| 91 | 17.010 | 2362 | 2367 | 2377 | rVB | 1959677 | 3568770 | 75.19% | 3.857% |
| 92 | 17.198 | 2394 | 2399 | 2404 | rBV2 | 1107938 | 1624376 | 34.23% | 1.755% |
| 93 | 17.609 | 2465 | 2469 | 2479 | rVV3 | 541221 | 1074220 | 22.63% | 1.161% |
| 94 | 17.692 | 2480 | 2483 | 2488 | rVB3 | 270902 | 365115 | 7.69% | 0.395% |
| 95 | 18.157 | 2558 | 2562 | 2568 | rVB | 1444765 | 1836415 | 38.69% | 1.985% |
| 96 | 19.309 | 2754 | 2758 | 2762 | rVB | 395593 | 504371 | 10.63% | 0.545% |
| 97 | 21.374 | 3105 | 3109 | 3114 | rBV | 1020564 | 1334572 | 28.12% | 1.442% |
| 98 | 22.027 | 3217 | 3220 | 3224 | rBV2 | 433248 | 595167 | 12.54% | 0.643% |
| 99 | 23.662 | 3494 | 3498 | 3506 | rVB2 | 657391 | 1235809 | 26.04% | 1.336% |
| 100 | 28.203 | 4263 | 4270 | 4285 | rVB2 | 993394 | 3415219 | 71.96% | 3.691% |

Sum of corrected areas: 92533579

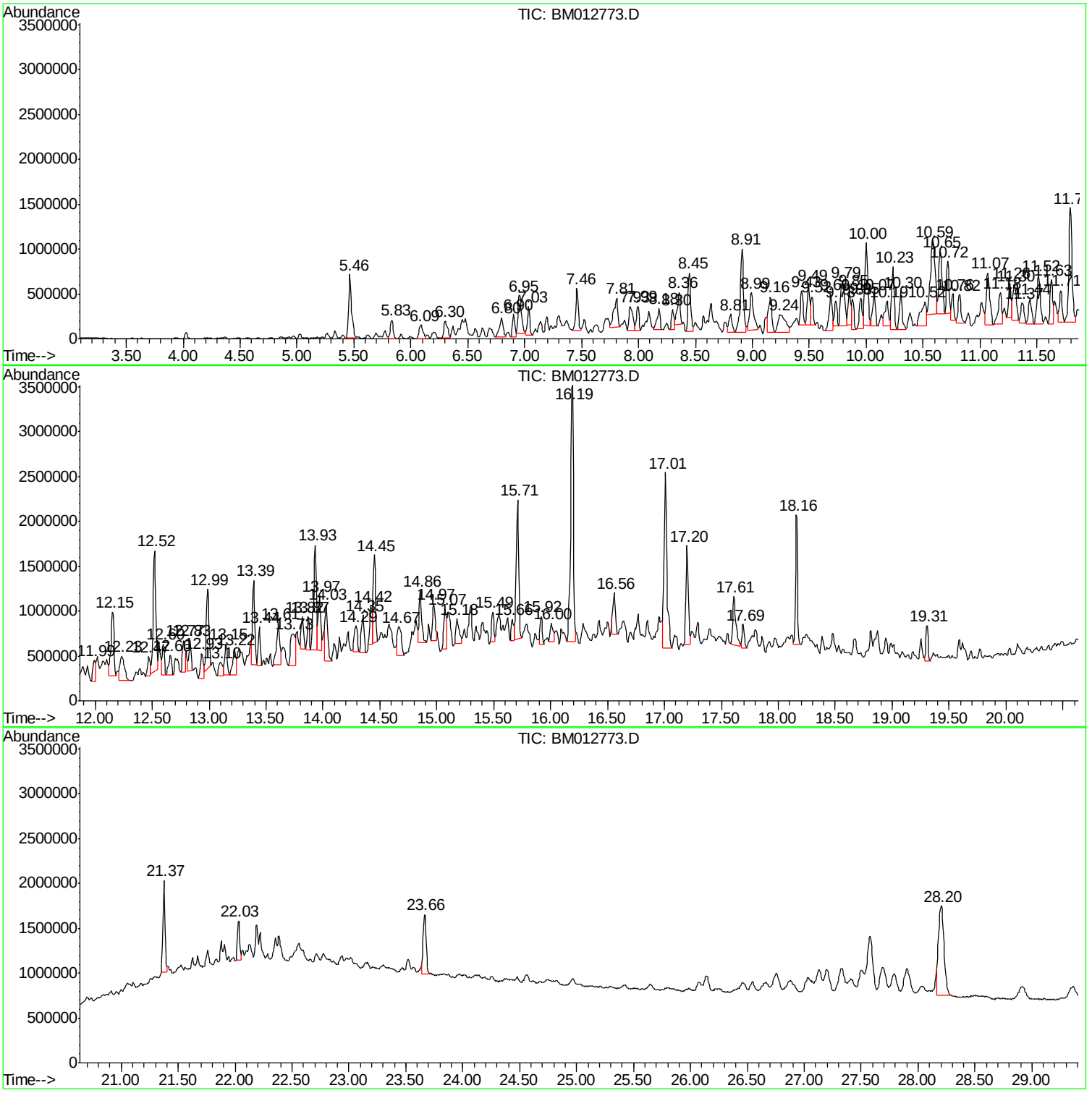
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

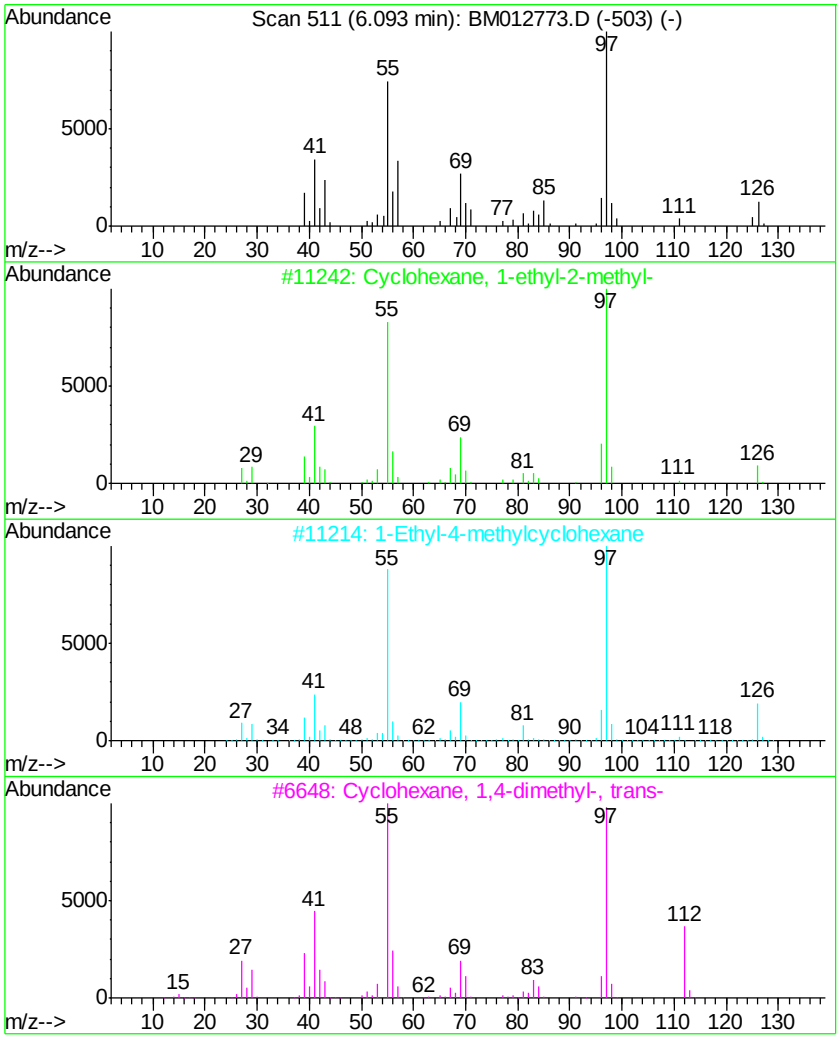
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

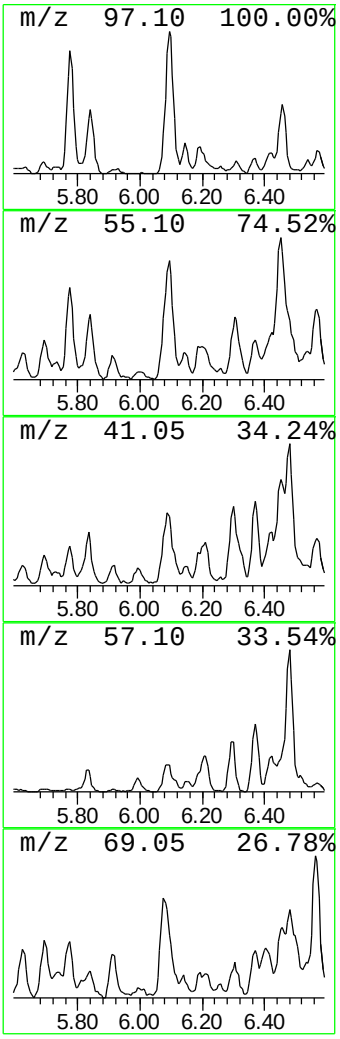
**********

Peak Number 3 (DEL) Alkane: Cyclic6.09 Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.09 | 9.42 ng/ul | 369146 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-2-methyl- | 126 | C9H18 | 003728-54-9 | 74 |
| 2 | 1-Ethyl-4-methylcyclohexane | 126 | C9H18 | 003728-56-1 | 64 |
| 3 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 59 |
| 4 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-78-8 | 58 |
| 5 | 2-Hexene, 3,4,4-trimethyl- | 126 | C9H18 | 053941-19-8 | 58 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

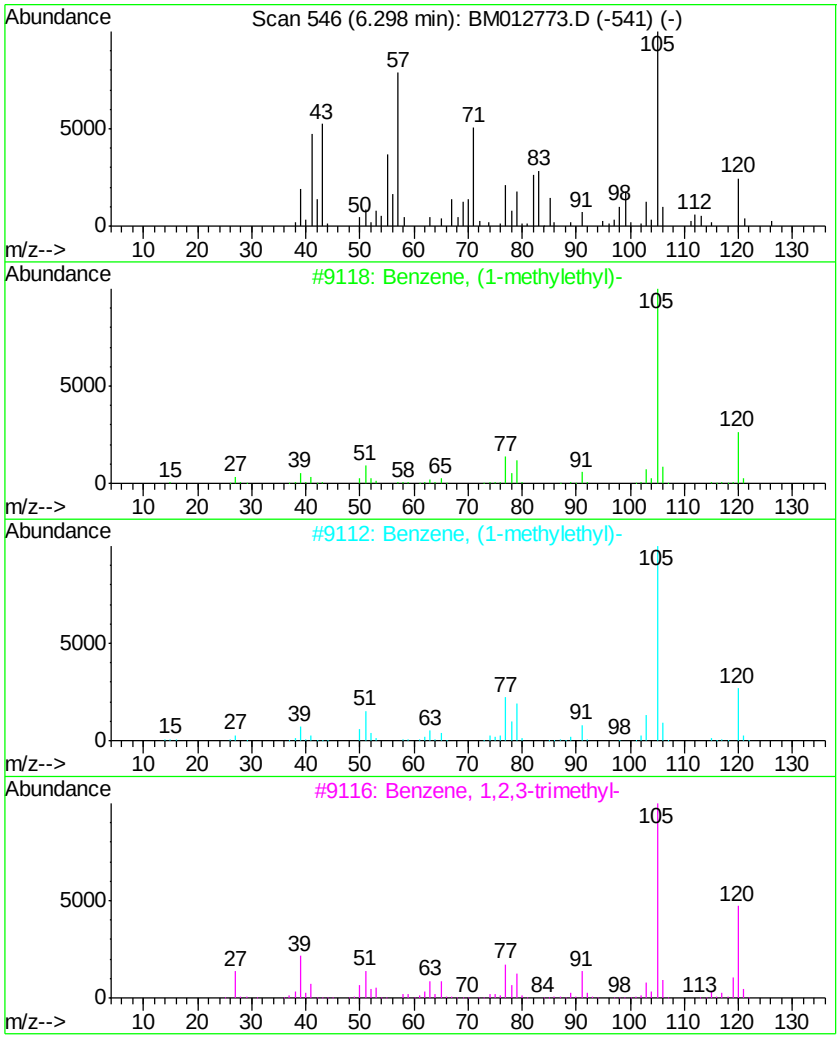
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

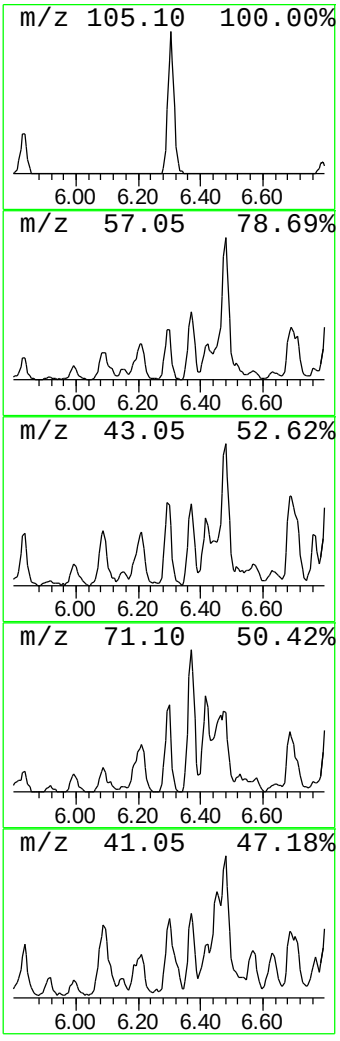
**********

Peak Number 4 unknown-01 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.30 | 10.93 ng/ul | 428410 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 35 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 35 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 20 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 20 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 18 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

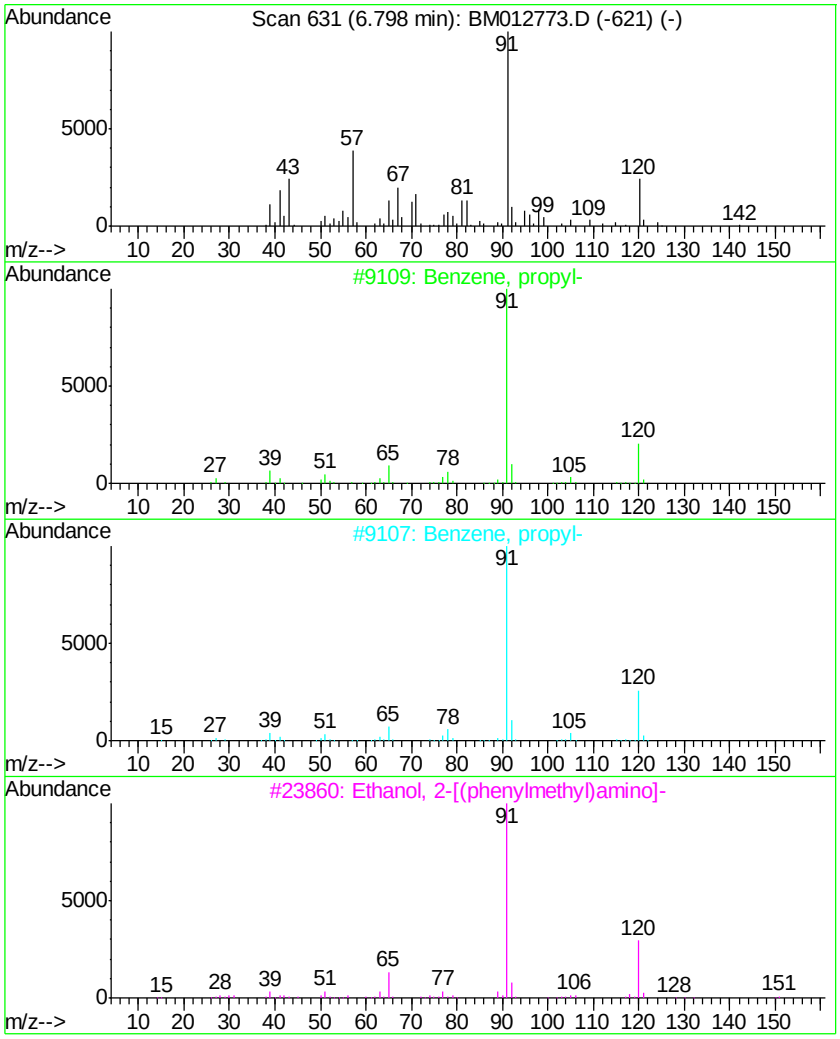
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

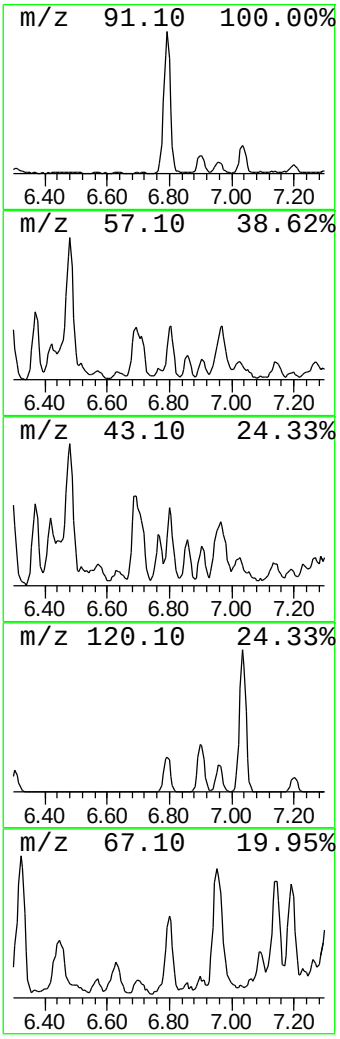
**********

Peak Number 5 unknown-02 Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.80 | 11.51 ng/ul | 450925 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 46 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 38 |
| 3 | Ethanol, 2-[(phenylmethyl)amino]- | 151 | C9H13NO | 000104-63-2 | 35 |
| 4 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 35 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 35 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

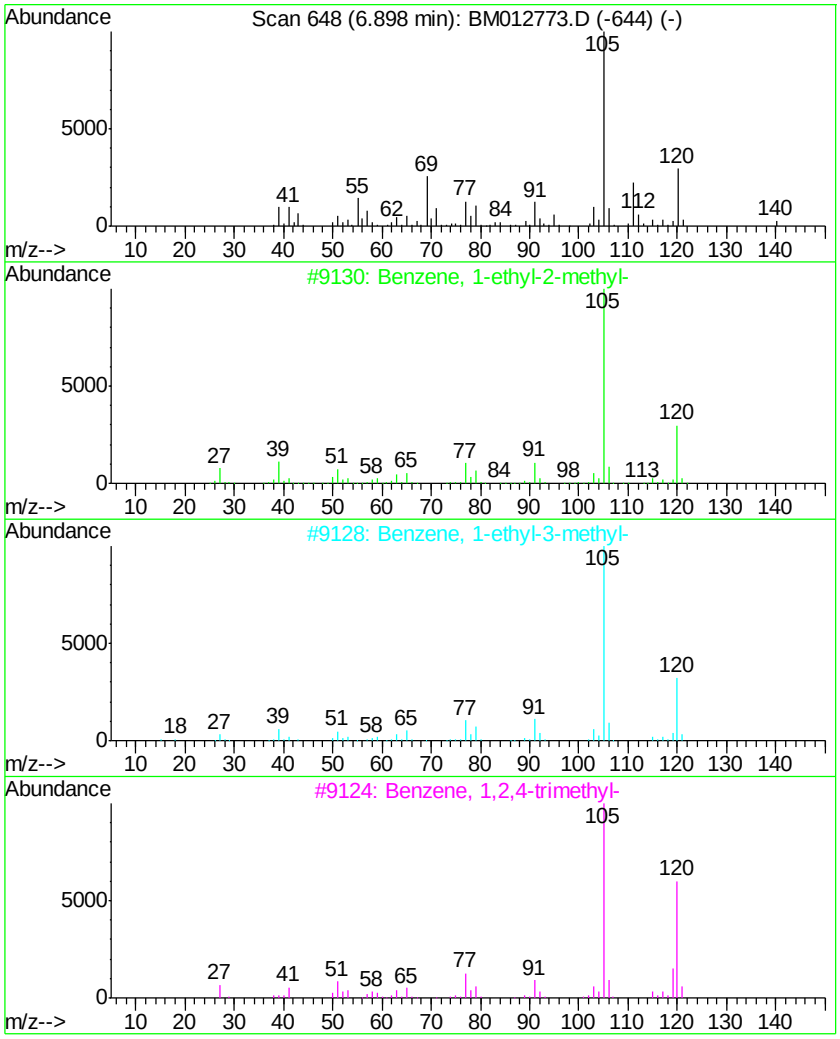
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

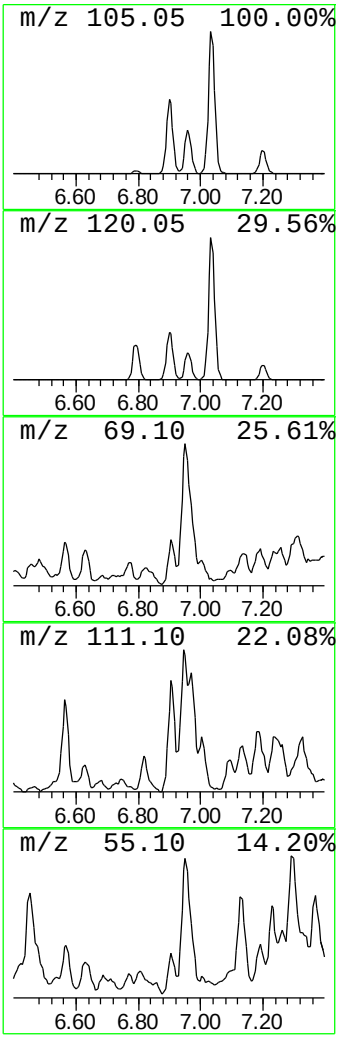
**********

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.90 | 9.62 ng/ul | 376922 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 92 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 64 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 64 |
| 5 | Benzene, 1,3,5-trimethyl- | 120 | C9H12 | 000108-67-8 | 64 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

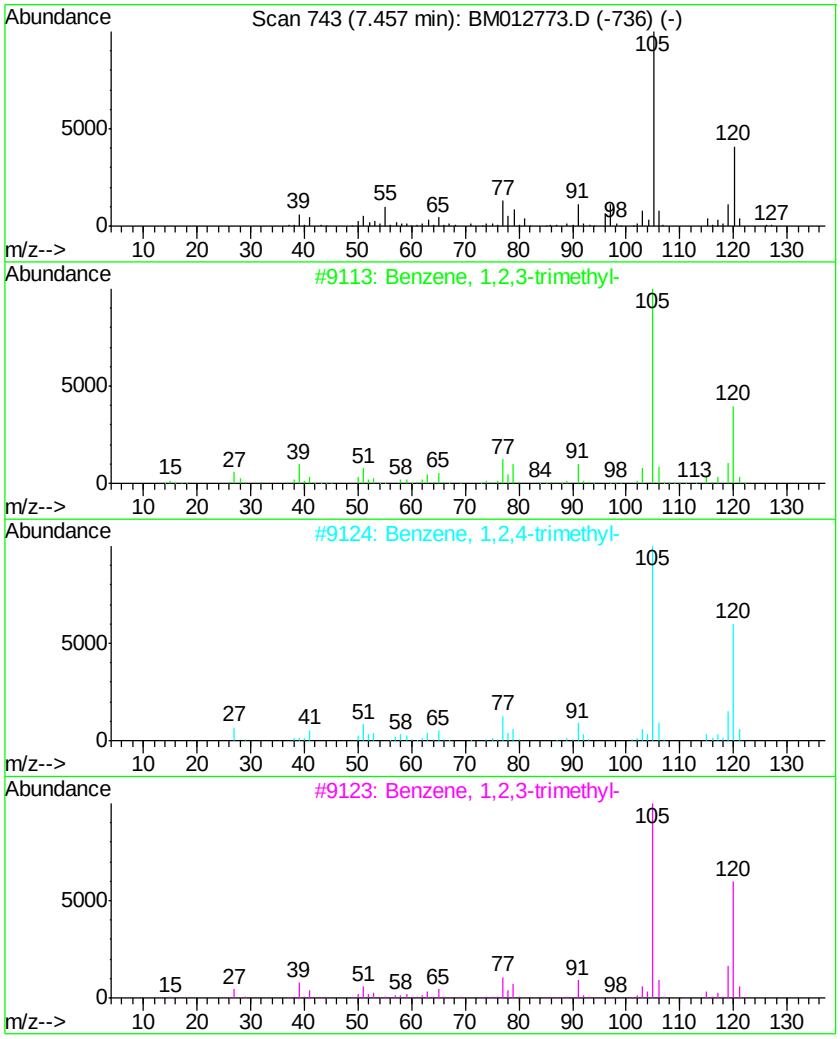
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

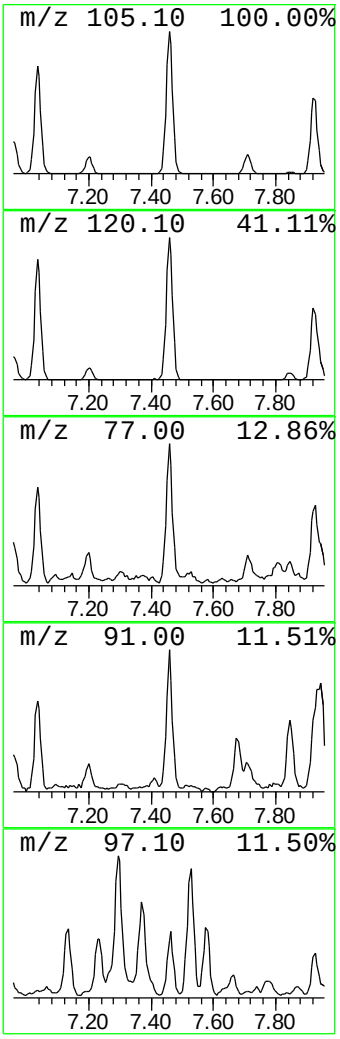
**********

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.46 | 18.20 ng/ul | 712976 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 90 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 87 |



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Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

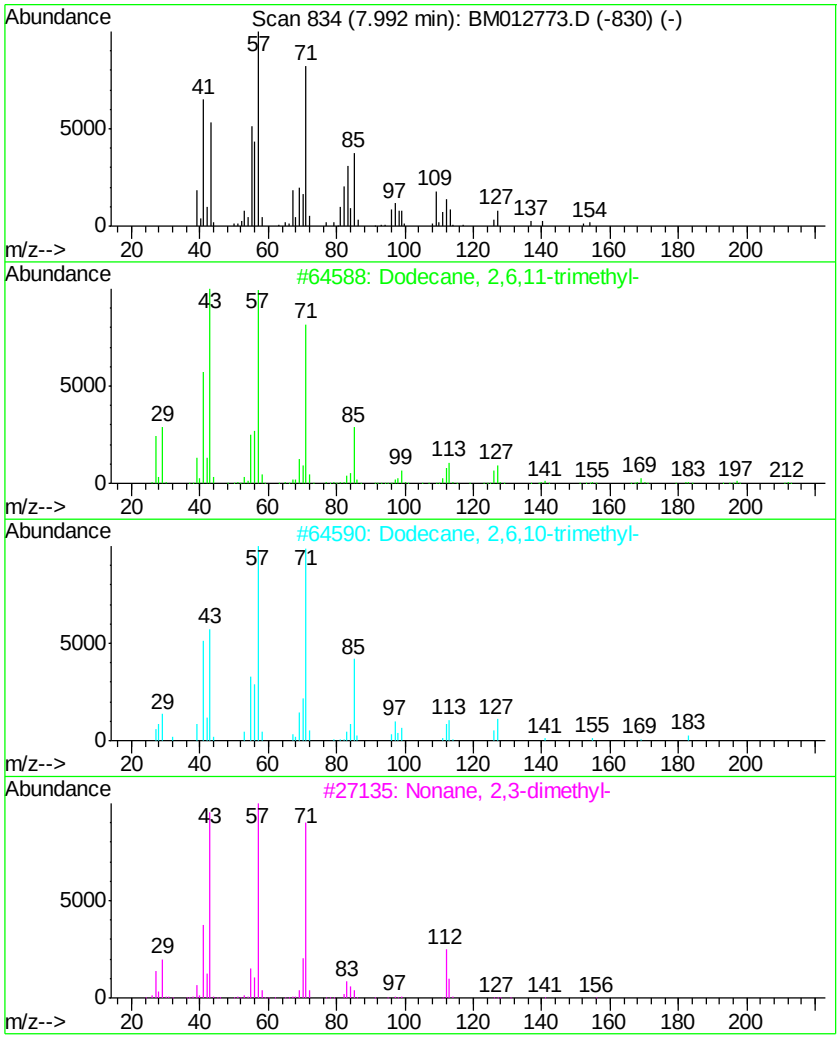
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

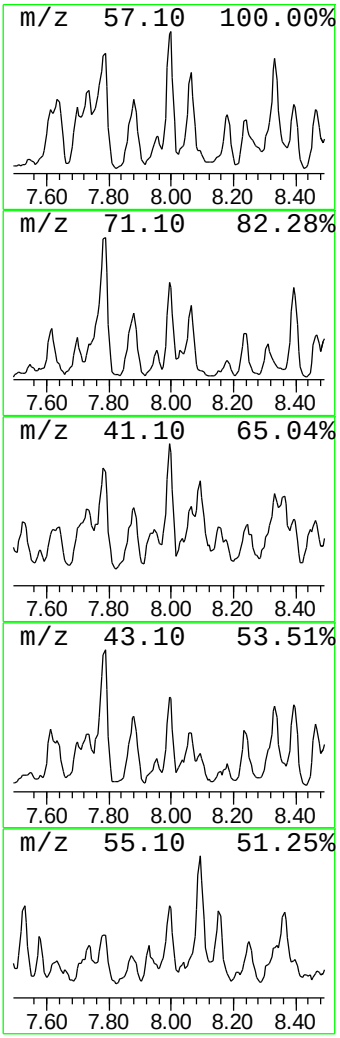
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.99 | 10.14 ng/ul | 397407 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 50 |
| 2 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 49 |
| 3 | Nonane, 2,3-dimethyl- | 156 | C11H24 | 002884-06-2 | 43 |
| 4 | 1-Decene, 4-methyl- | 154 | C11H22 | 013151-29-6 | 43 |
| 5 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 38 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

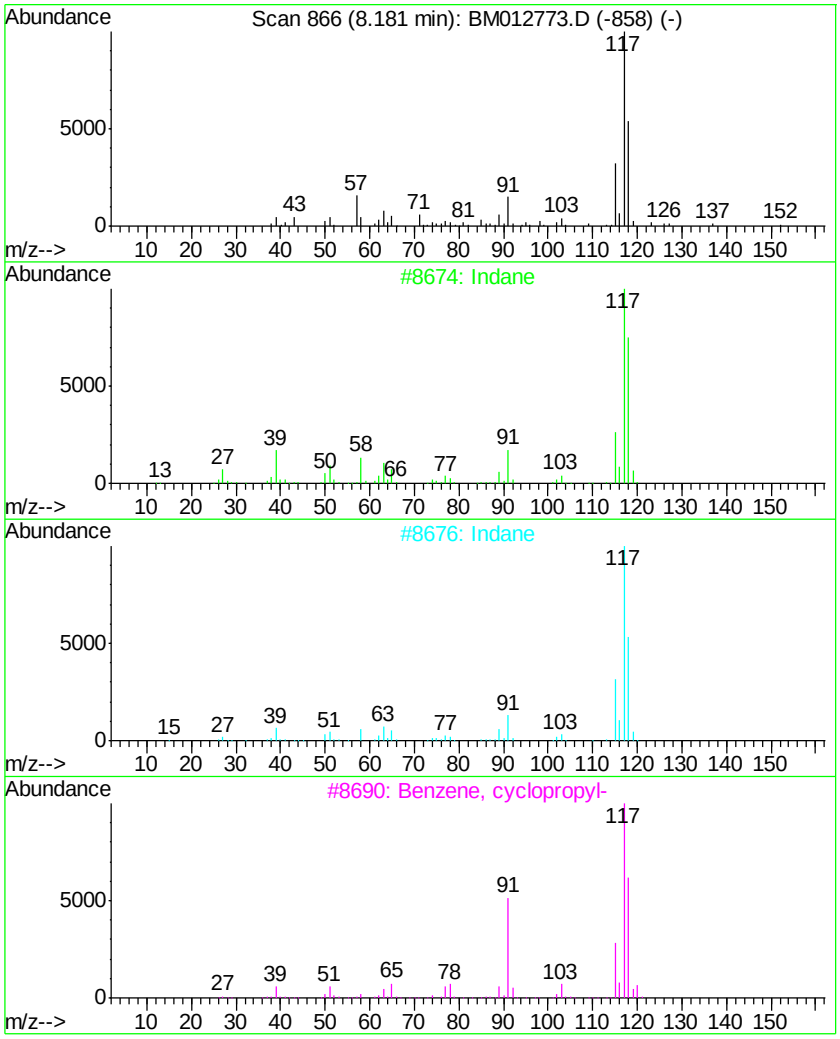
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

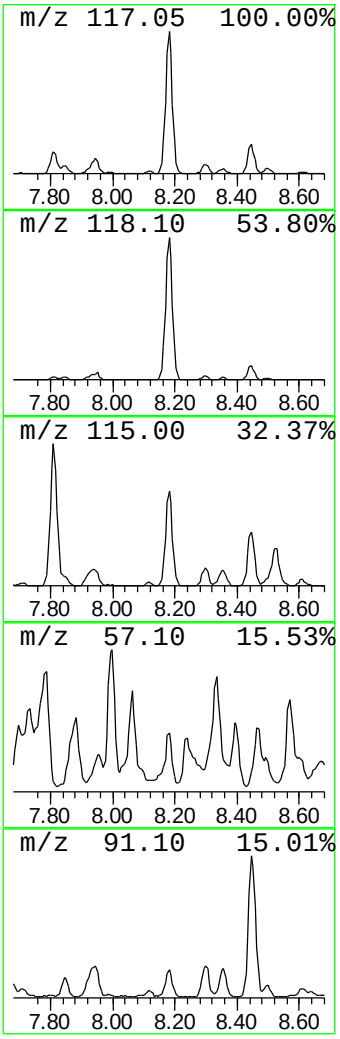
**********

Peak Number 10 Indane Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.18 | 11.74 ng/ul | 459951 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 74 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 64 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |
| 4 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 64 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 62 |



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Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

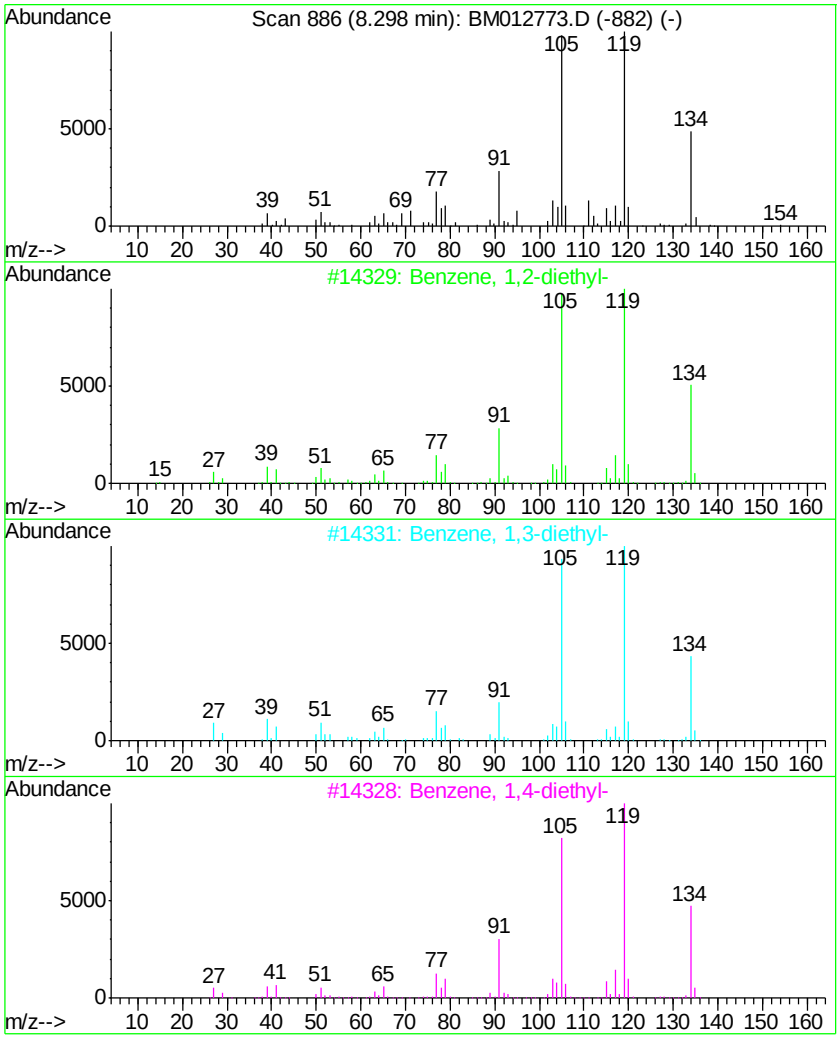
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

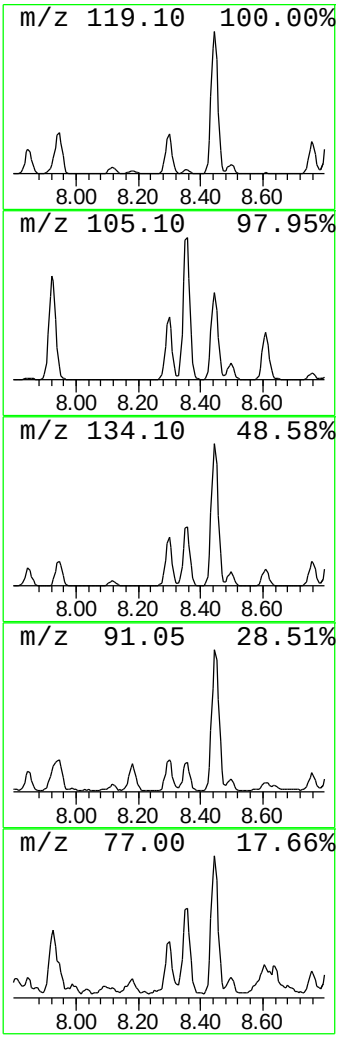
**********

Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.30 | 9.16 ng/ul | 358966 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 2 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 96 |
| 3 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 95 |
| 4 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 95 |
| 5 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 95 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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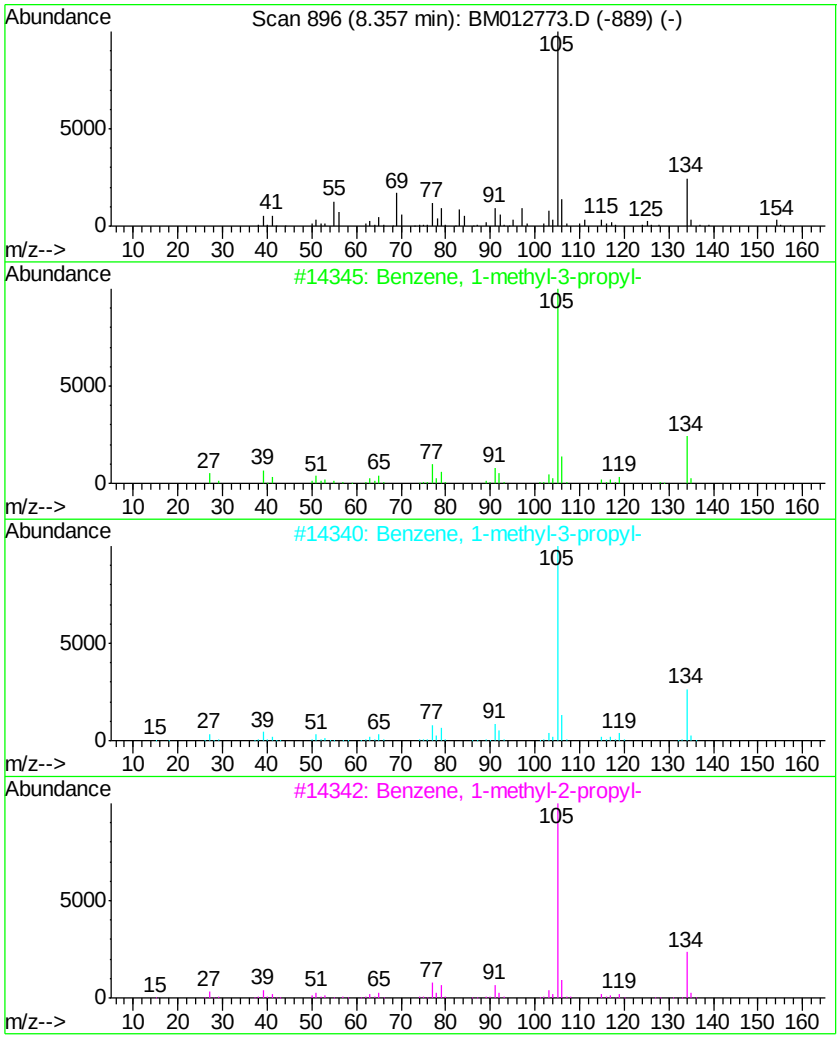
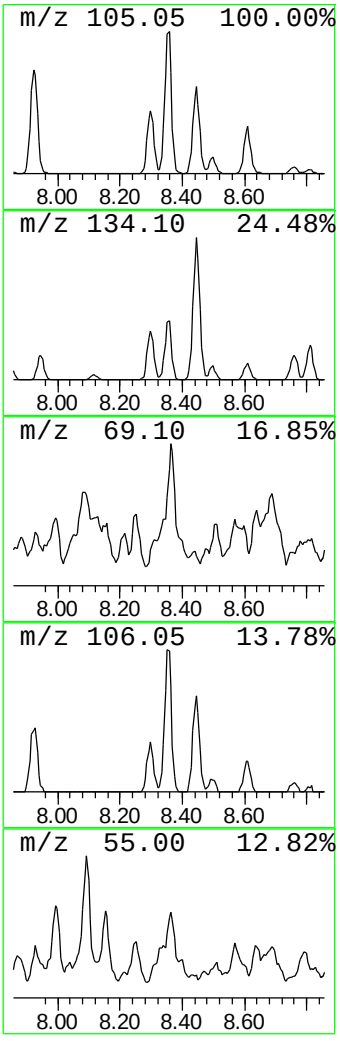
Peak Number 12 Benzene, 1-methyl-3-propyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.36 | 17.17 ng/ul | 672955 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 87 |
| 2 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 87 |
| 3 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 81 |
| 4 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 76 |
| 5 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 74 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

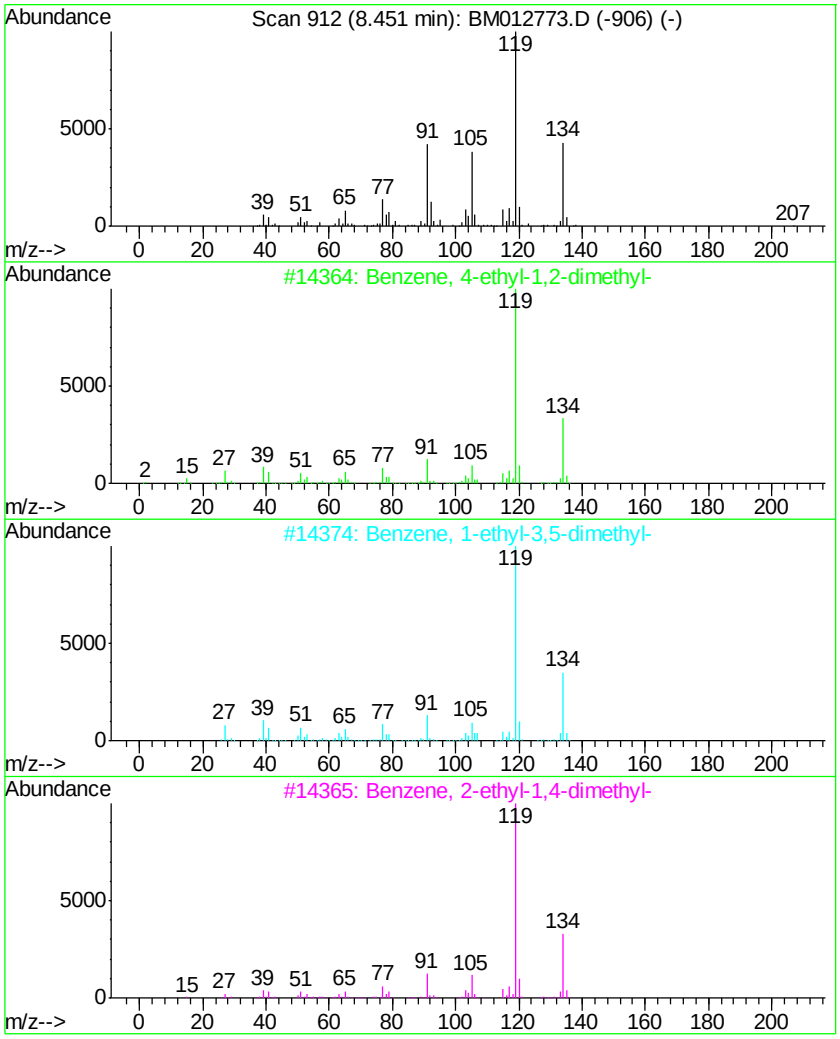
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

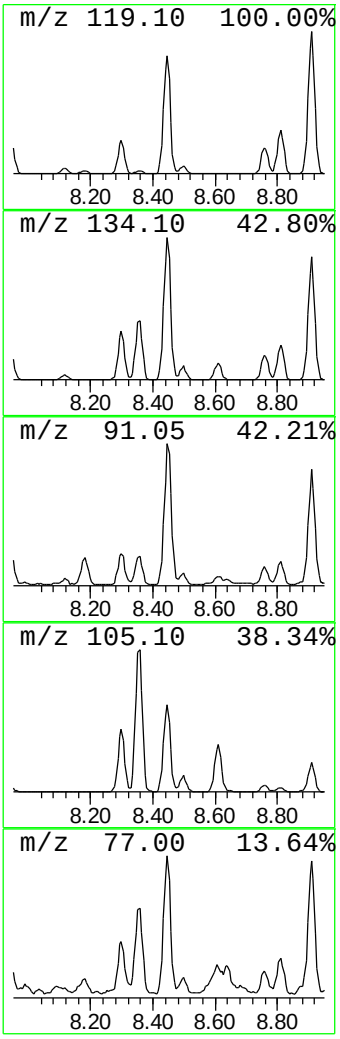
**********

Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.45 | 27.62 ng/ul | 1082330 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |
| 2 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 91 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 91 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 91 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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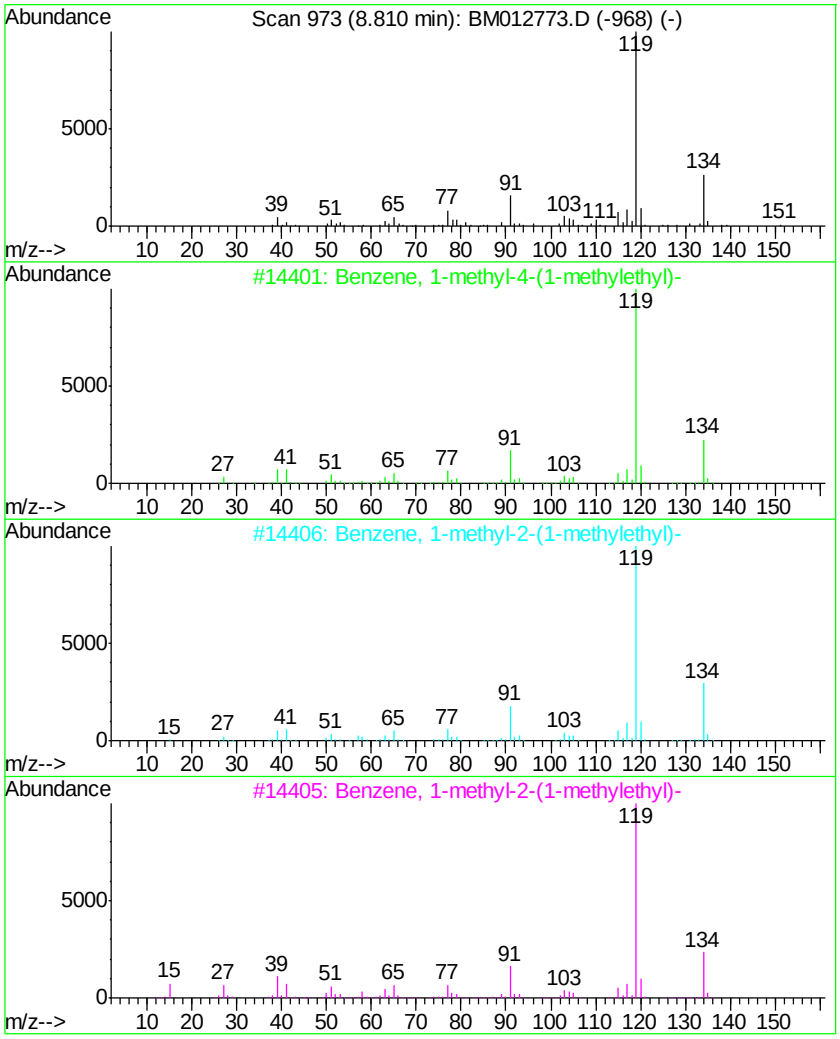
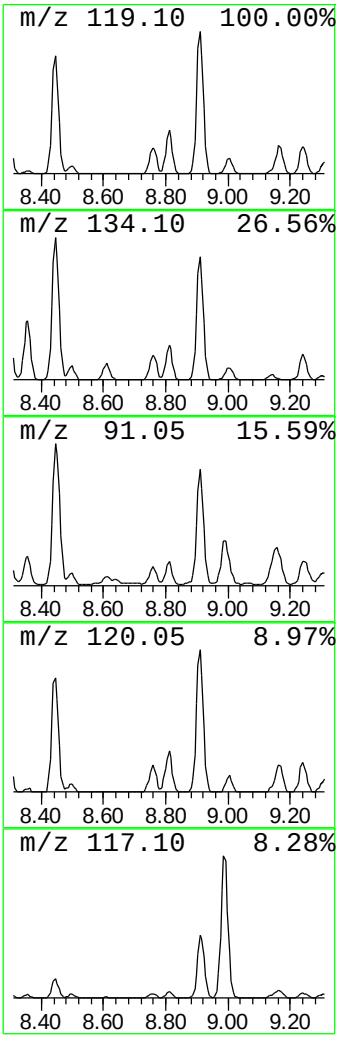
Peak Number 14 Benzene, 1-methyl-4-(1-meth... Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.81 | 9.77 ng/ul | 382786 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methyleth... | 134 | C10H14 | 000099-87-6 | 97 |
| 2 | Benzene, 1-methyl-2-(1-methyleth... | 134 | C10H14 | 000527-84-4 | 97 |
| 3 | Benzene, 1-methyl-2-(1-methyleth... | 134 | C10H14 | 000527-84-4 | 97 |
| 4 | Benzene, 1-methyl-2-(1-methyleth... | 134 | C10H14 | 000527-84-4 | 97 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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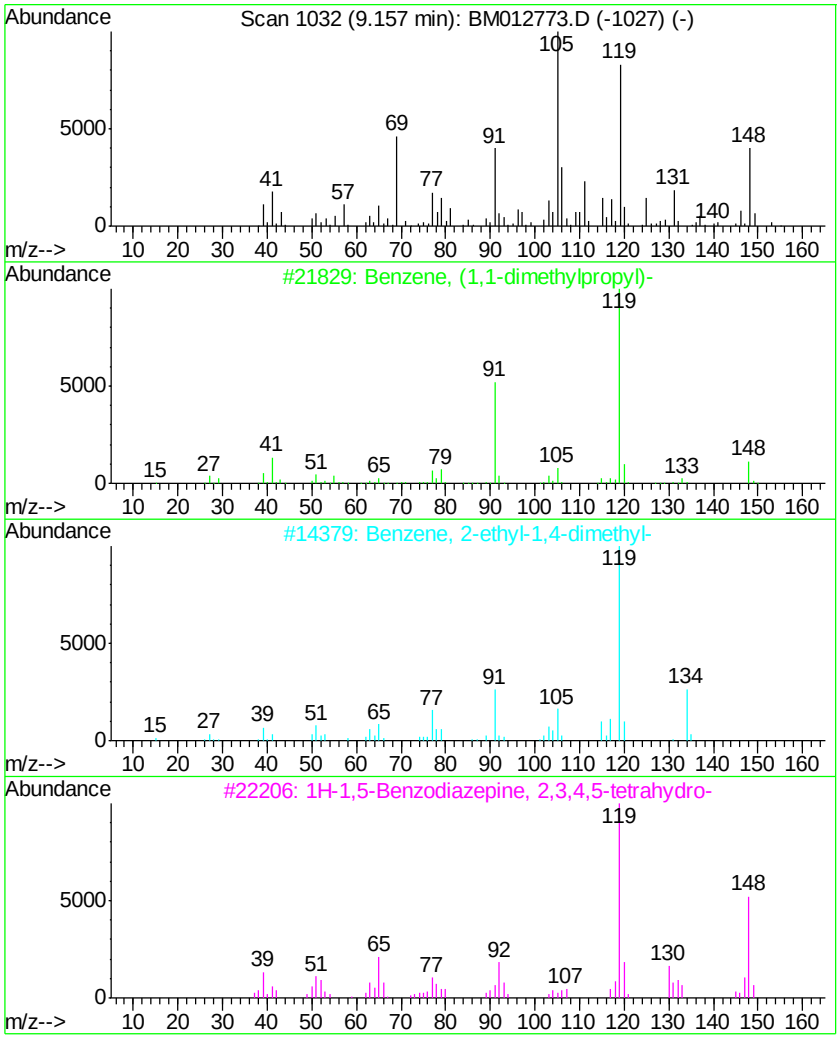
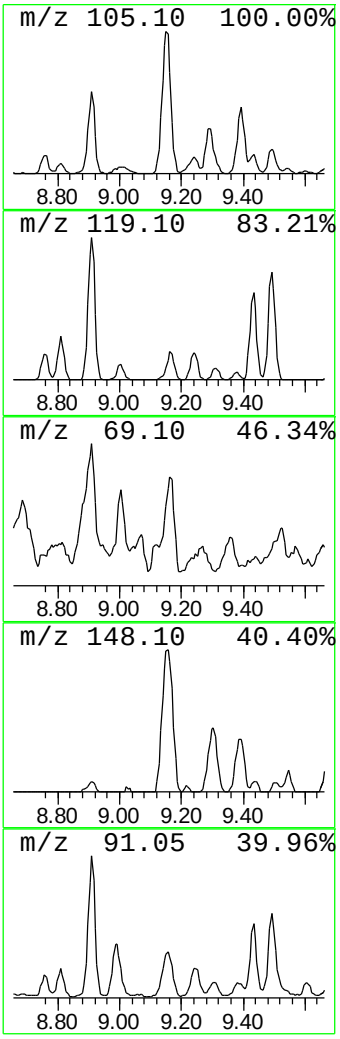
Peak Number 16 unknown-03 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.16 | 21.72 ng/ul | 851250 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 47 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 43 |
| 3 | 1H-1,5-Benzodiazepine, 2,3,4,5-t... | 148 | C9H12N2 | 006516-89-8 | 43 |
| 4 | 4-Methylphenyl acetone | 148 | C10H12O | 002096-86-8 | 42 |
| 5 | Benzene, 1-methyl-4-(2-methylpro... | 148 | C11H16 | 005161-04-6 | 38 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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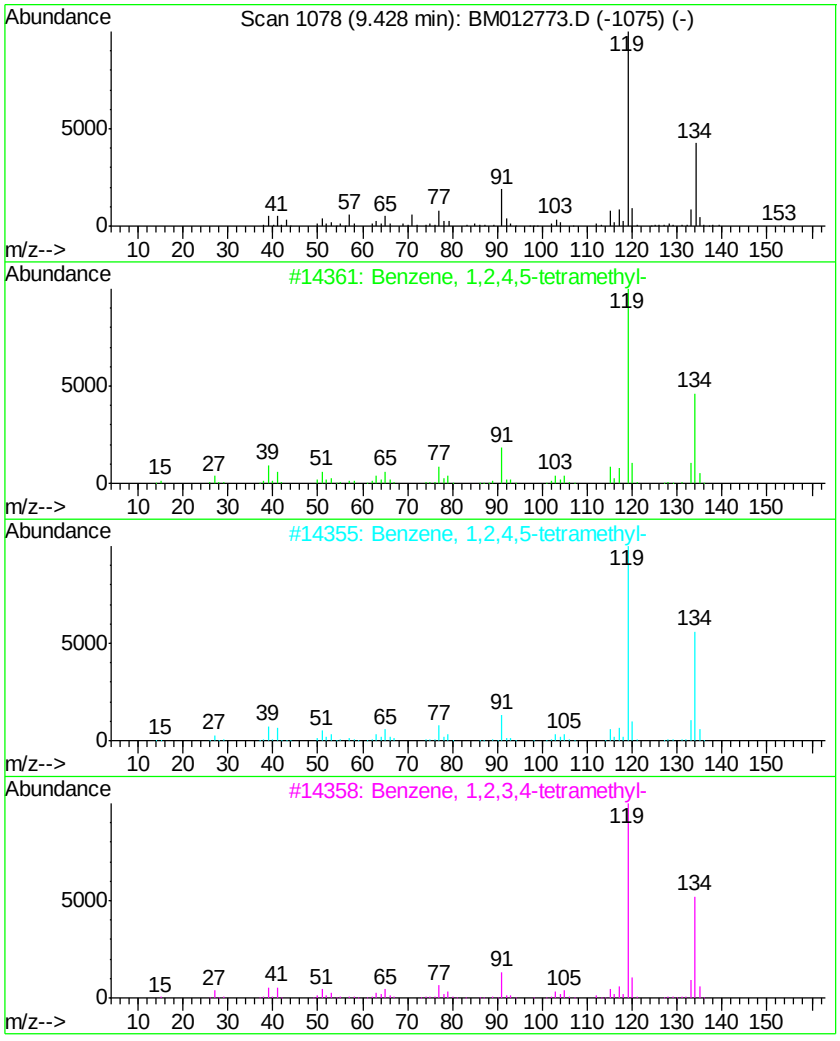
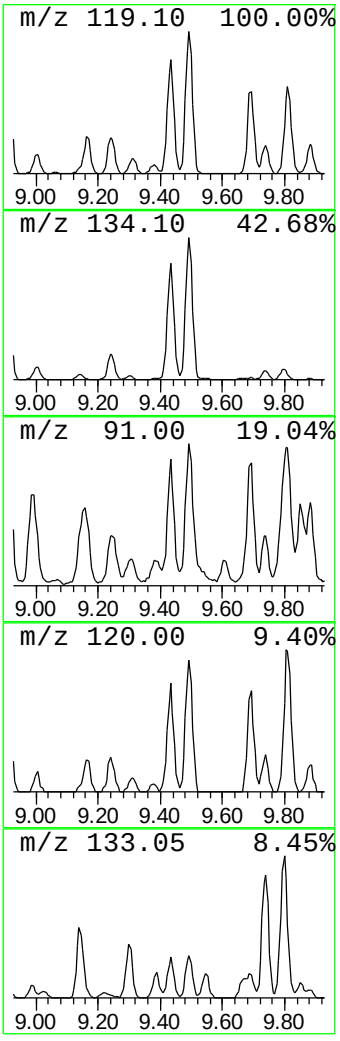
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 67

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.43 | 4.98 ng/ul | 583350 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 93 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 90 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 90 |
| 5 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 90 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

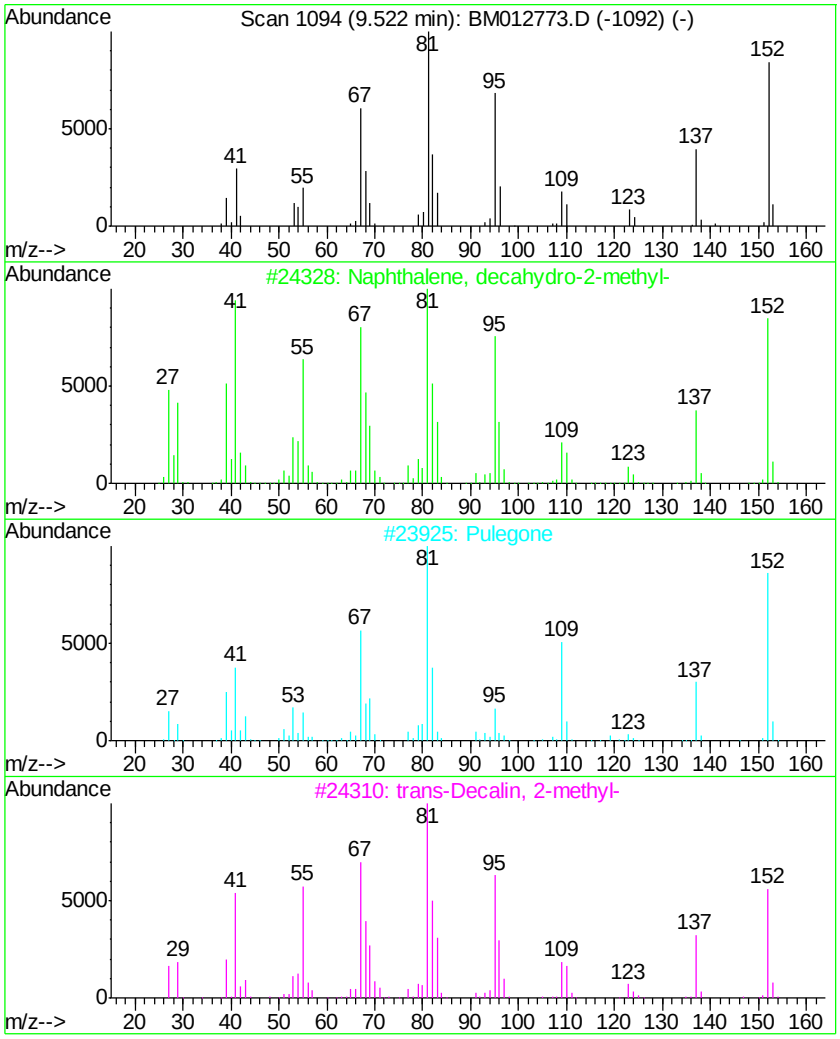
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

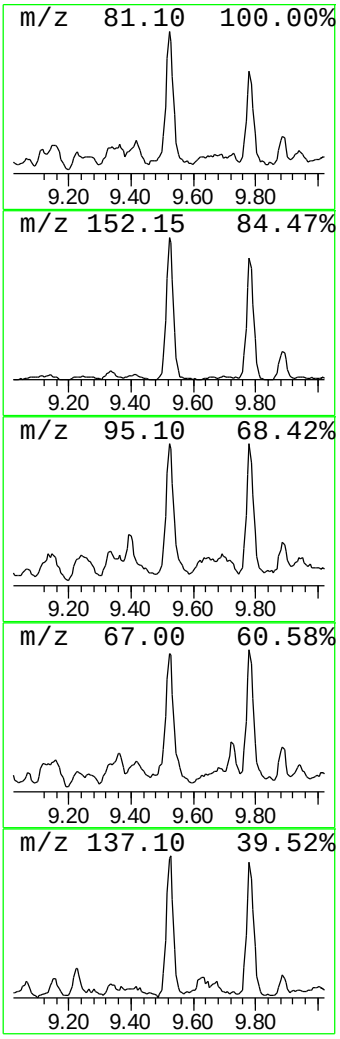
**********

Peak Number 20 Naphthalene, decahydro-2-me... Concentration Rank 75

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.52 | 3.53 ng/ul | 414103 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 91 |
| 2 | Pulegone | 152 | C10H16O | 000089-82-7 | 87 |
| 3 | trans-Decalin, 2-methyl- | 152 | C11H20 | 1000152-47-3 | 72 |
| 4 | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6 | 68 |
| 5 | Pulegone | 152 | C10H16O | 000089-82-7 | 68 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

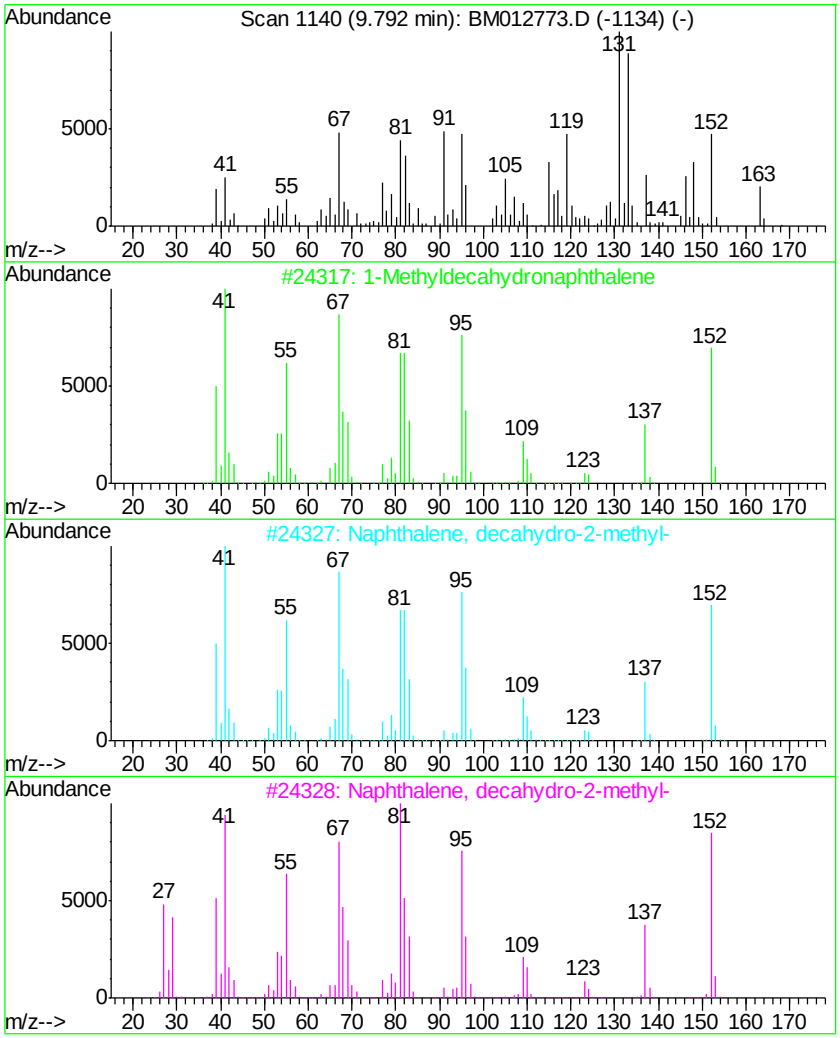
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

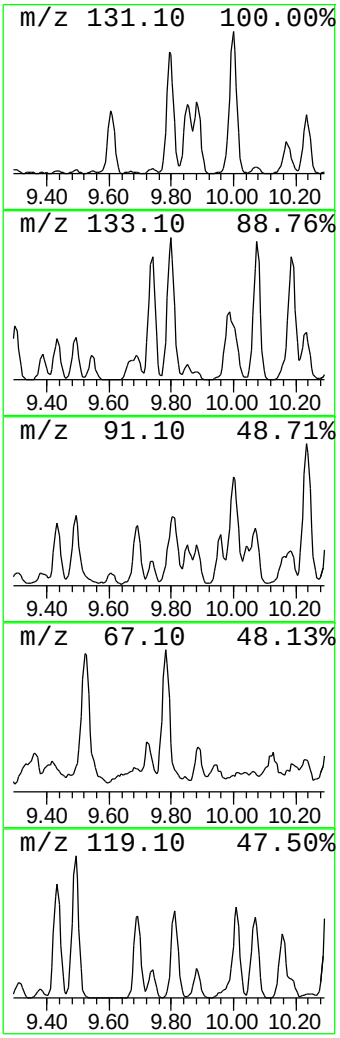
**********

Peak Number 21 1-Methyldecahydronaphthalene Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.79 | 11.13 ng/ul | 1304440 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methyldecahydronaphthalene | 152 | C11H20 | 002958-75-0 | 86 |
| 2 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 86 |
| 3 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 78 |
| 4 | trans-4a-Methyl-decahydronaphtha... | 152 | C11H20 | 002547-27-5 | 70 |
| 5 | trans-Decalin, 2-methyl- | 152 | C11H20 | 1000152-47-3 | 53 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

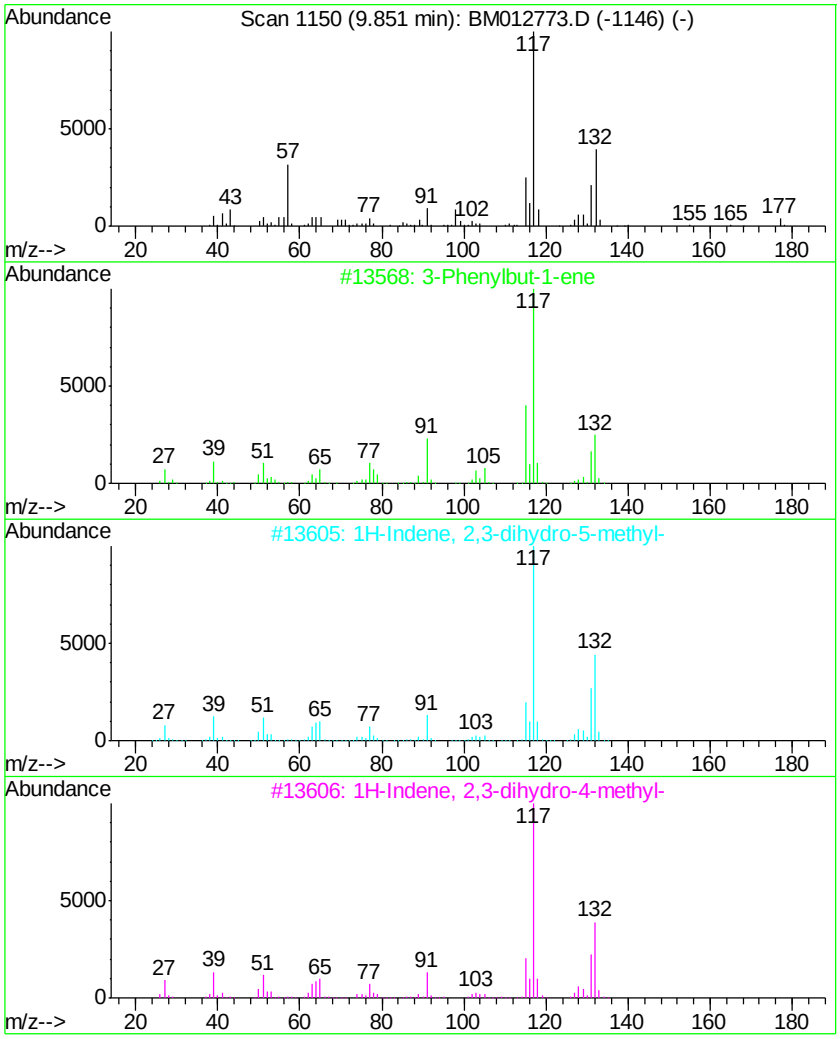
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

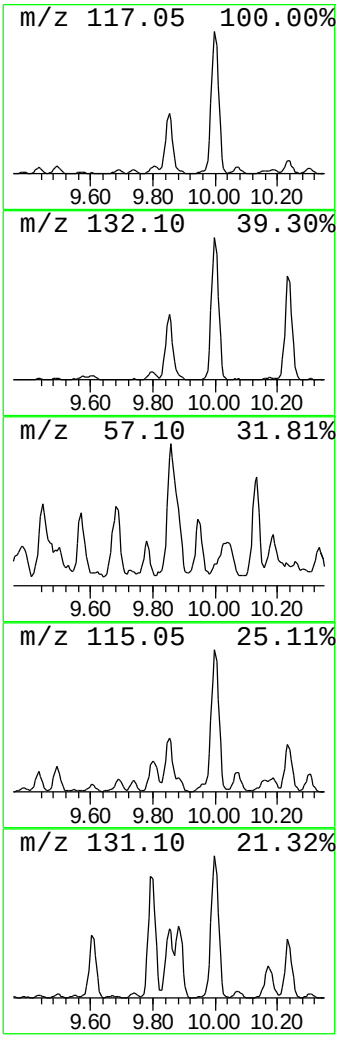
**********

Peak Number 22 3-Phenylbut-1-ene Concentration Rank 63

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.85 | 5.35 ng/ul | 627337 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 87 |
| 2 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 87 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 87 |
| 4 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 80 |
| 5 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 74 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

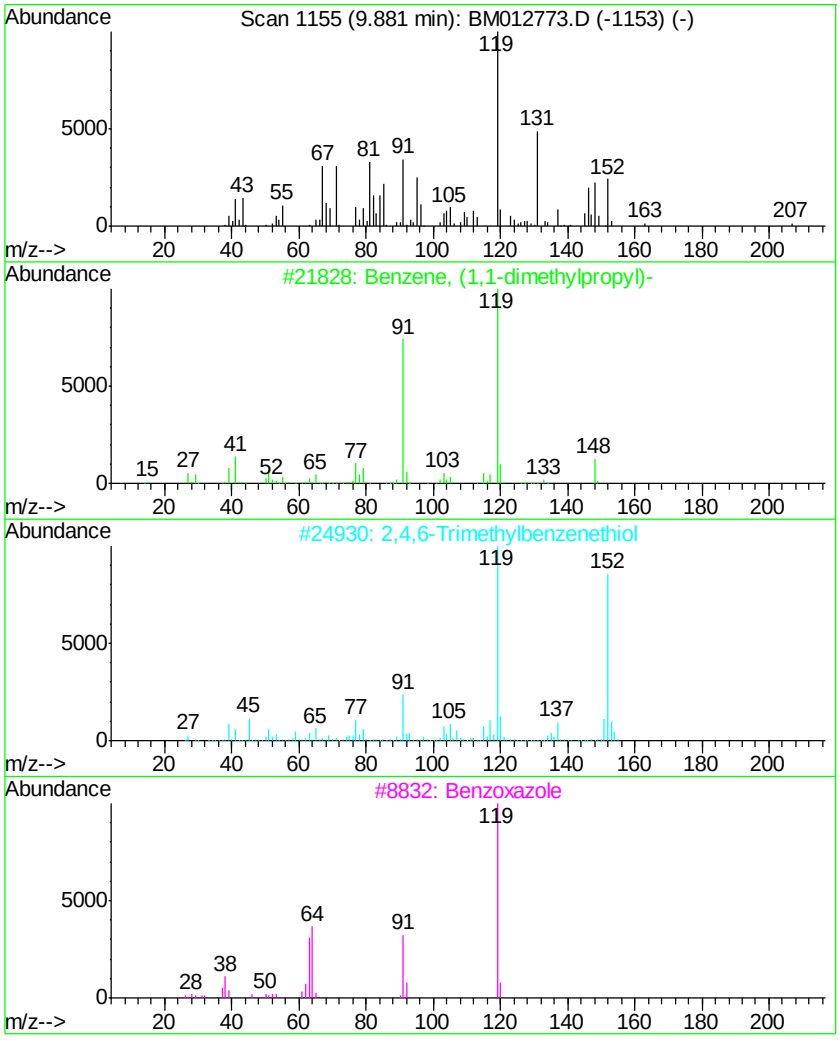
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

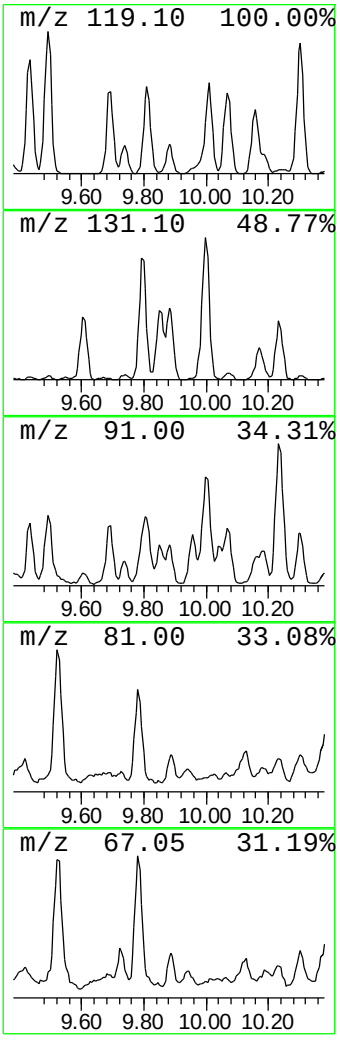
**********

Peak Number 23 unknown-04 Concentration Rank 74

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.88 | 3.66 ng/ul | 429270 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 22 |
| 2 | 2,4,6-Trimethylbenzenethiol | 152 | C9H12S | 001541-10-2 | 22 |
| 3 | Benzoxazole | 119 | C7H5NO | 000273-53-0 | 14 |
| 4 | Benzene, tert-butyl- | 134 | C10H14 | 000098-06-6 | 14 |
| 5 | Benzene, 1,1'-(1,1,2,2-tetrameth... | 238 | C18H22 | 001889-67-4 | 14 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

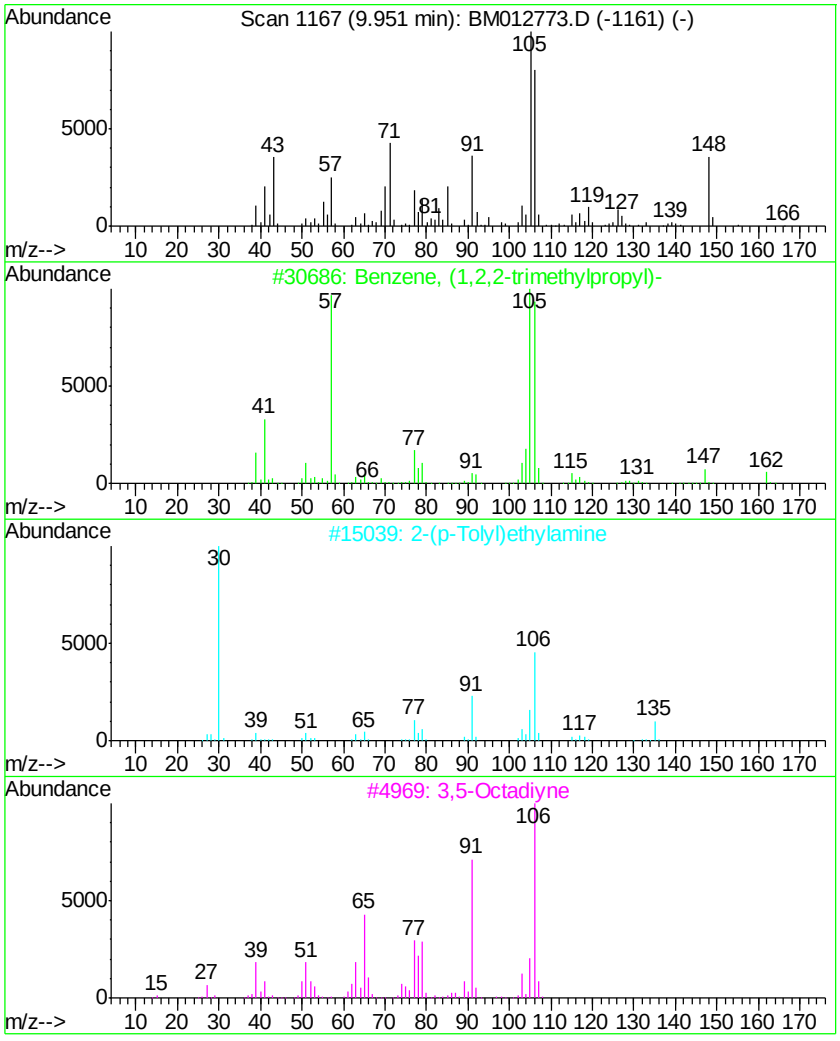
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

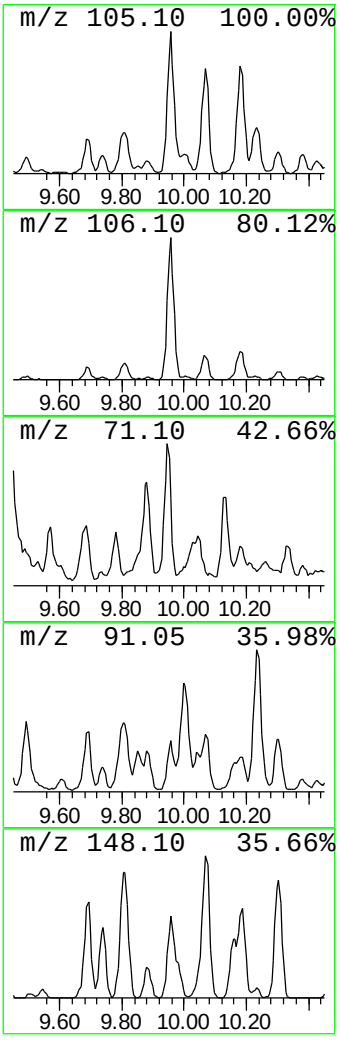
**********

Peak Number 24 unknown-05 Concentration Rank 64

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.95 | 5.33 ng/ul | 624464 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1,2,2-trimethylpropyl)- | 162 | C12H18 | 019262-20-5 | 35 |
| 2 | 2-(p-Tolyl)ethylamine | 135 | C9H13N | 003261-62-9 | 35 |
| 3 | 3,5-Octadiyne | 106 | C8H10 | 016387-70-5 | 27 |
| 4 | Benzene, (1,3-dimethylbutyl)- | 162 | C12H18 | 019219-84-2 | 27 |
| 5 | 2-(p-Tolyl)ethylamine | 135 | C9H13N | 003261-62-9 | 25 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

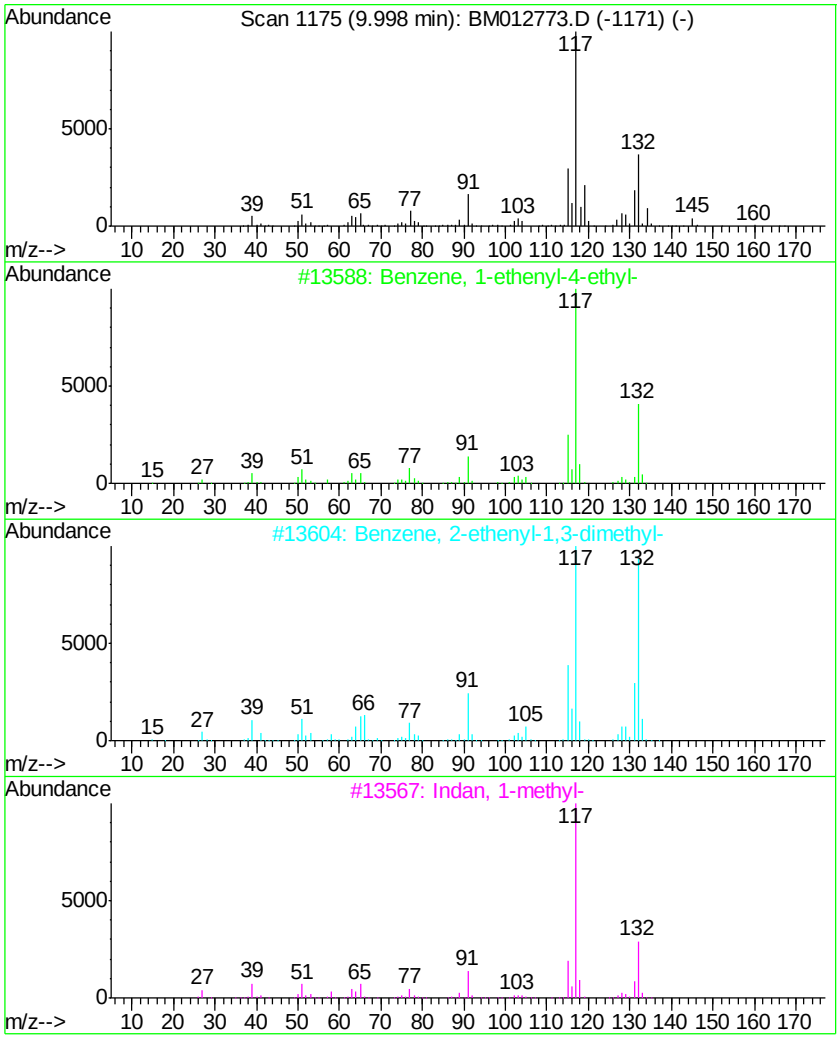
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

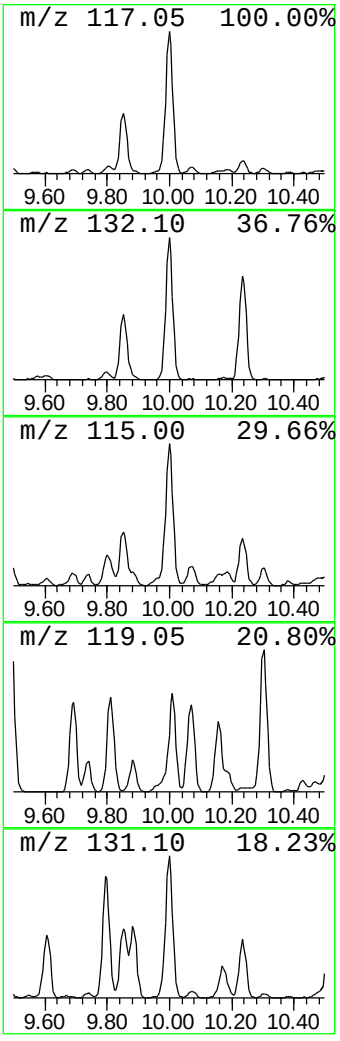
**********

Peak Number 25 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.00 | 14.06 ng/ul | 1648060 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 89 |
| 2 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 81 |
| 3 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 81 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 81 |
| 5 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 81 |



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Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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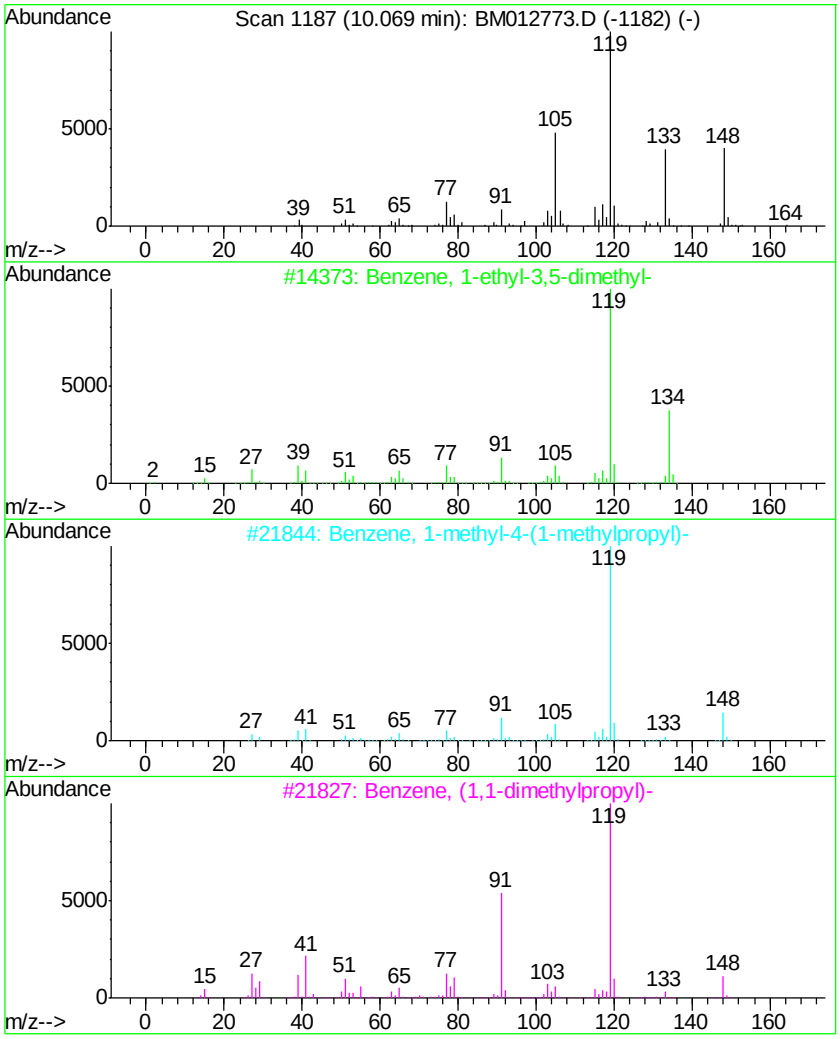
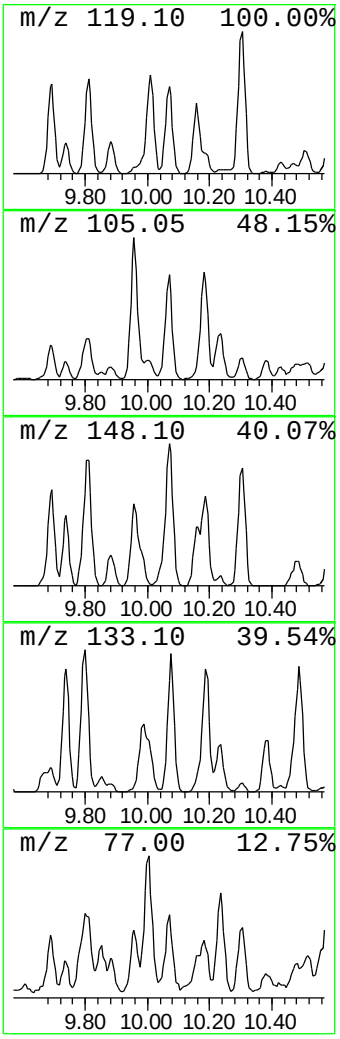
Peak Number 26 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 65

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.07 | 5.20 ng/ul | 610025 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 60 |
| 2 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 58 |
| 3 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 53 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 53 |
| 5 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 52 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

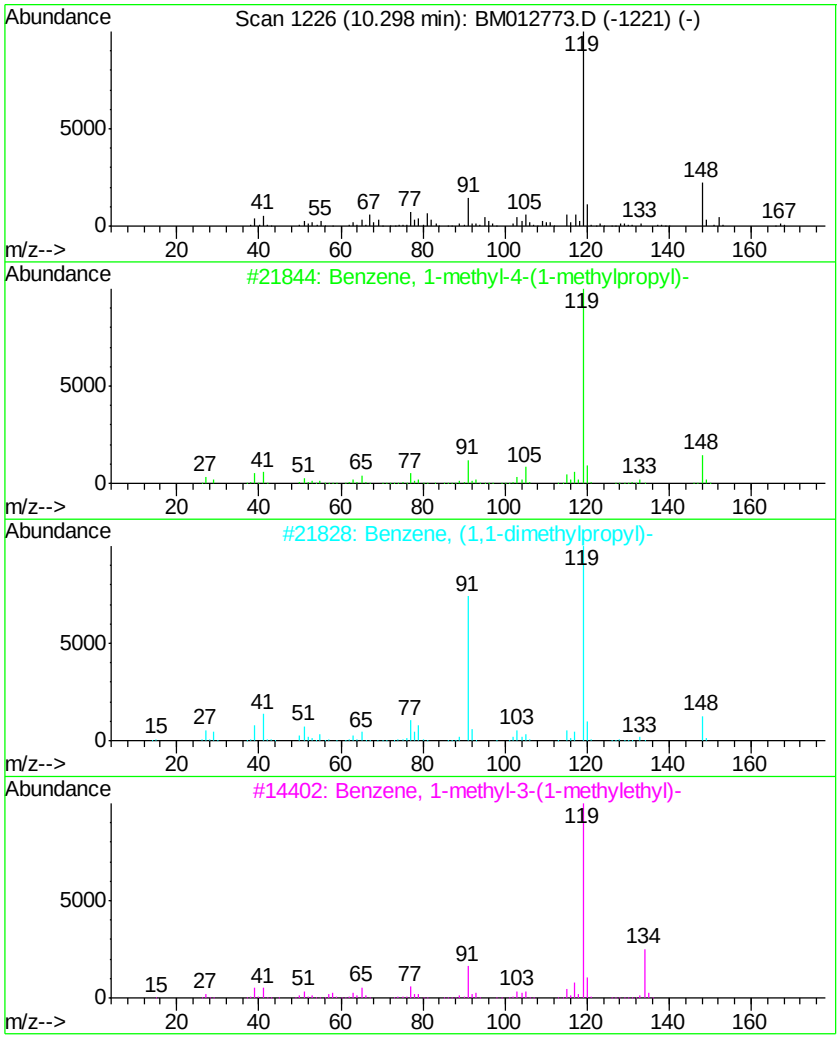
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

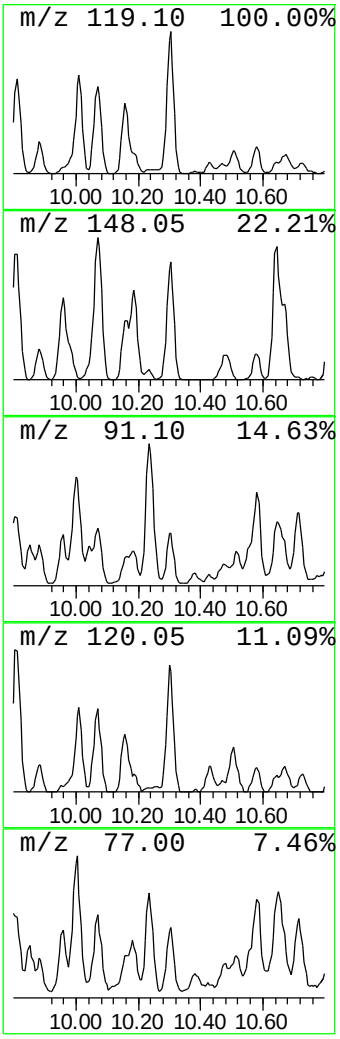
**********

Peak Number 27 Benzene, 1-methyl-4-(1-meth... Concentration Rank 58

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.30 | 6.16 ng/ul | 722104 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methylpro... | 148 | C11H16 | 001595-16-0 | 93 |
| 2 | Benzene, (1,1-dimethylpropyl)- | 148 | C11H16 | 002049-95-8 | 87 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 64 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 64 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 59 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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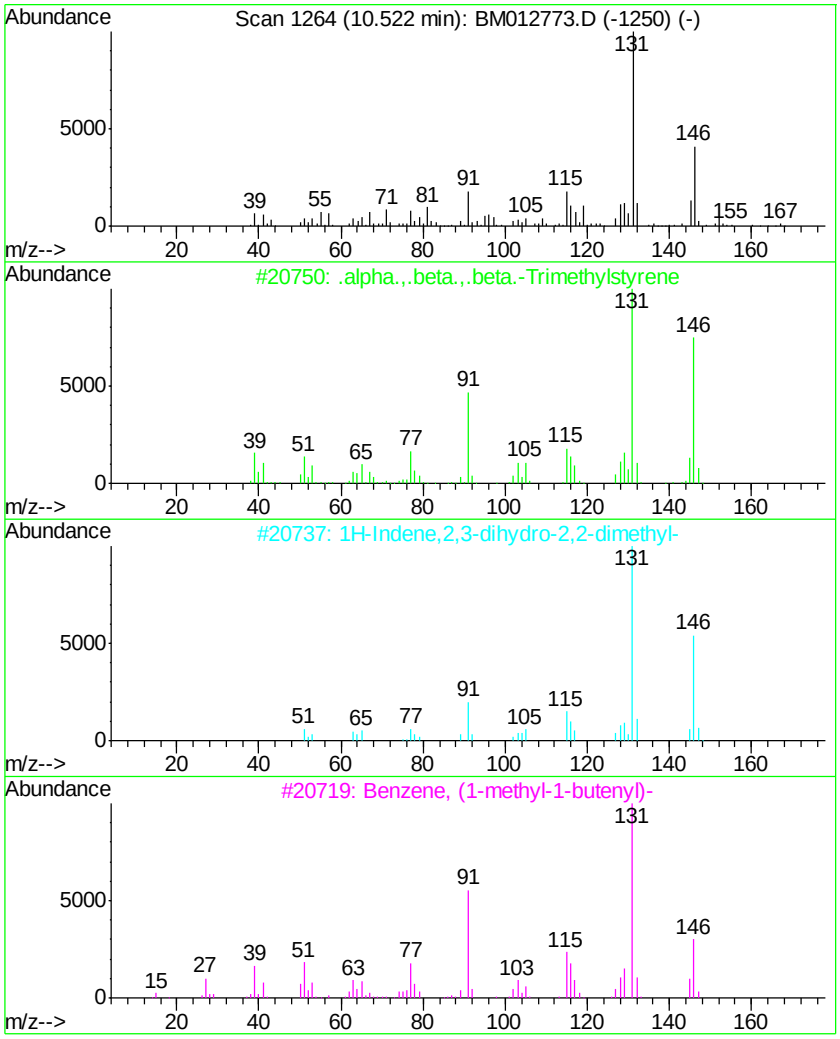
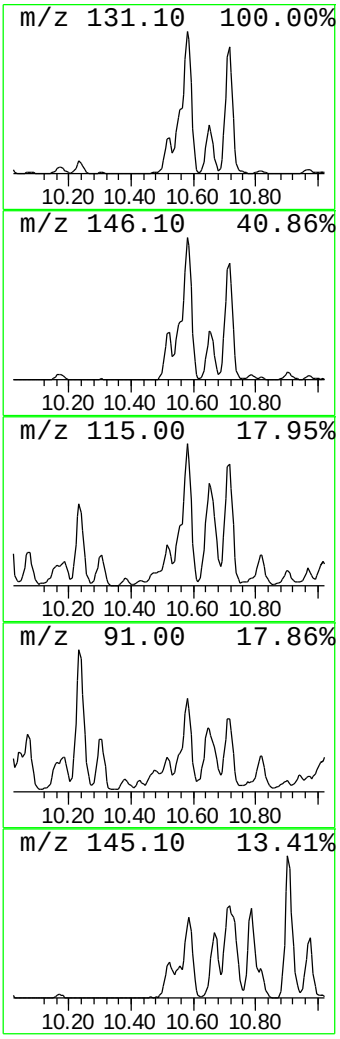
Peak Number 28 .alpha.,.beta.,.beta.-Trime... Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.52 | 7.91 ng/ul | 926791 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.,.beta.,.beta.-Trimethyls... | 146 | C11H14 | 000769-57-3 | 94 |
| 2 | 1H-Indene,2,3-dihydro-2,2-dimethyl- | 146 | C11H14 | 020836-11-7 | 91 |
| 3 | Benzene, (1-methyl-1-butenyl)- | 146 | C11H14 | 053172-84-2 | 90 |
| 4 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 87 |
| 5 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 87 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

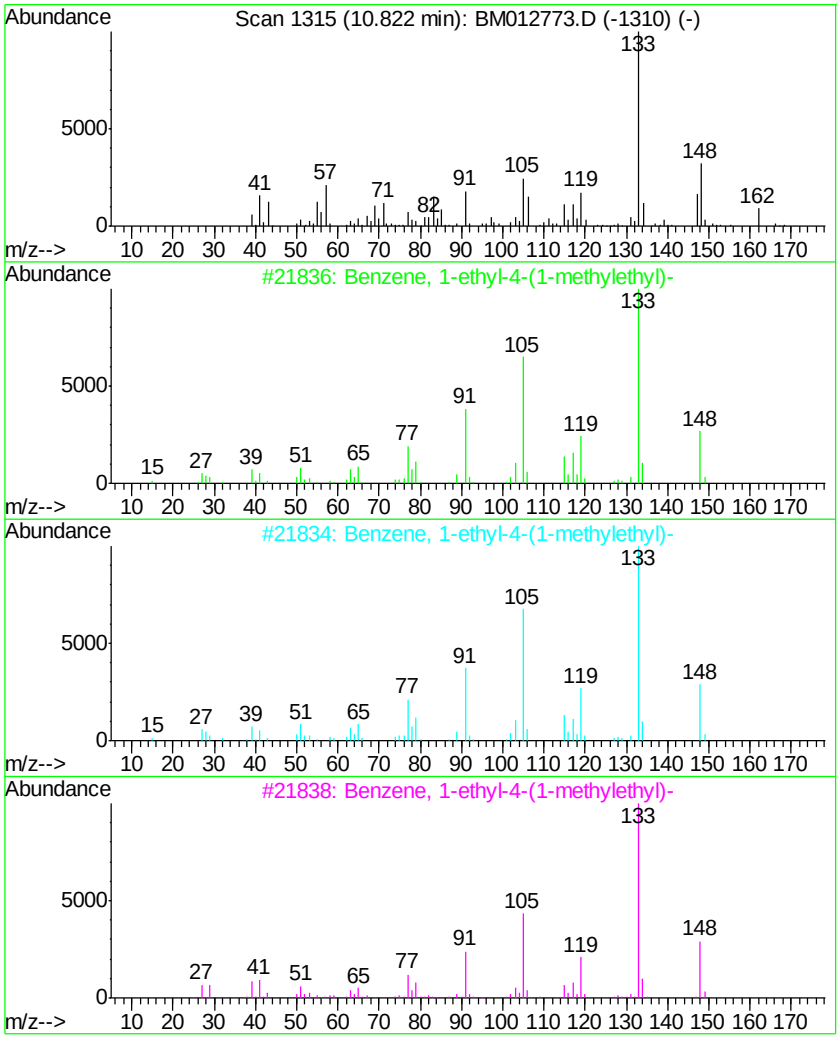
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

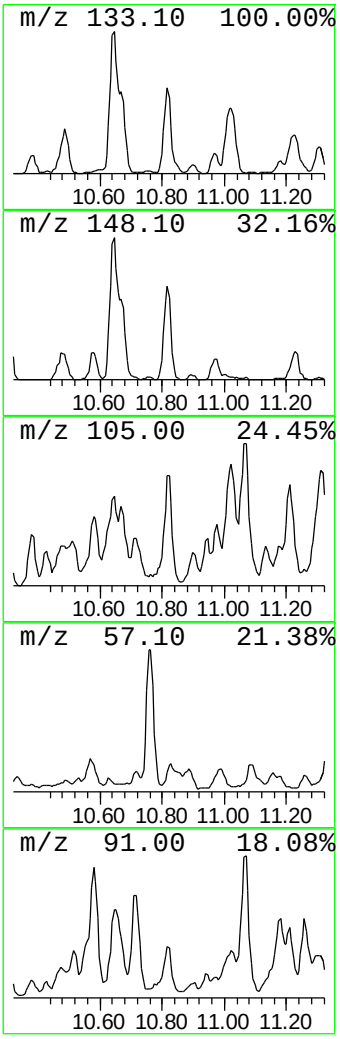
**********

Peak Number 29 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 70

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.82 | 4.82 ng/ul | 565297 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 81 |
| 2 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 81 |
| 3 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 81 |
| 4 | Benzene, 1-ethyl-2,4,5-trimethyl- | 148 | C11H16 | 017851-27-3 | 76 |
| 5 | 1,5,6,7-Tetramethylbicyclo[3.2.0... | 148 | C11H16 | 134329-46-7 | 74 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

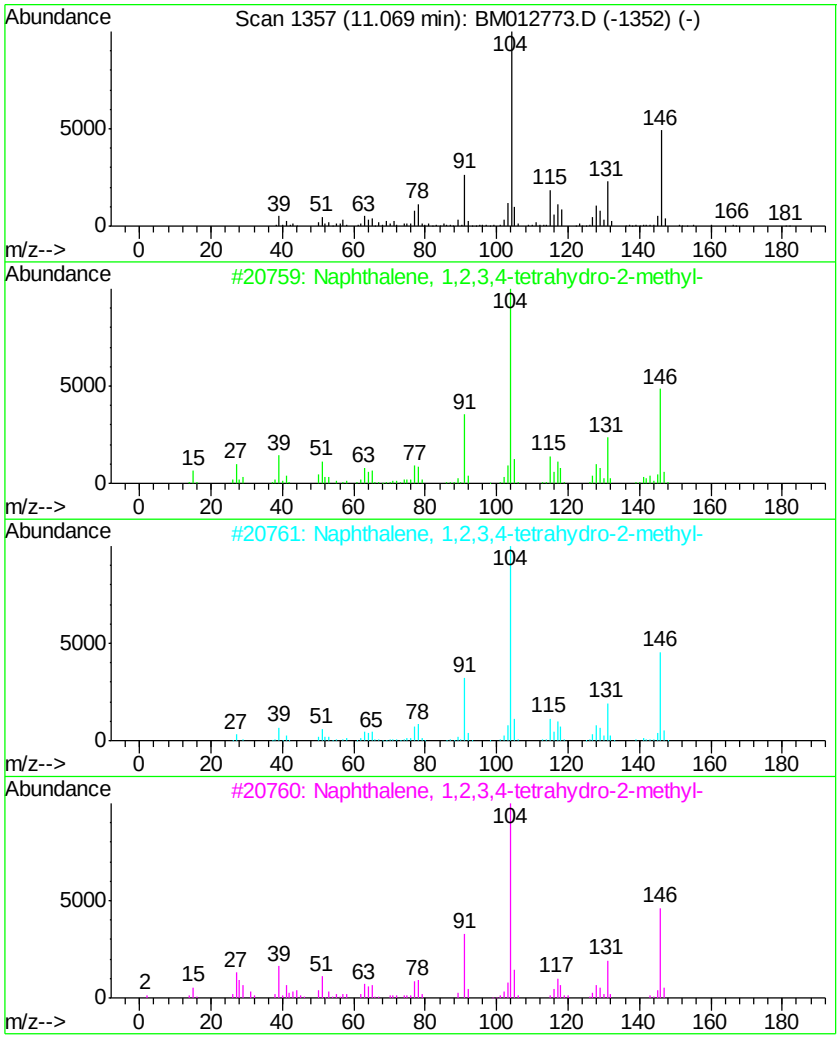
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

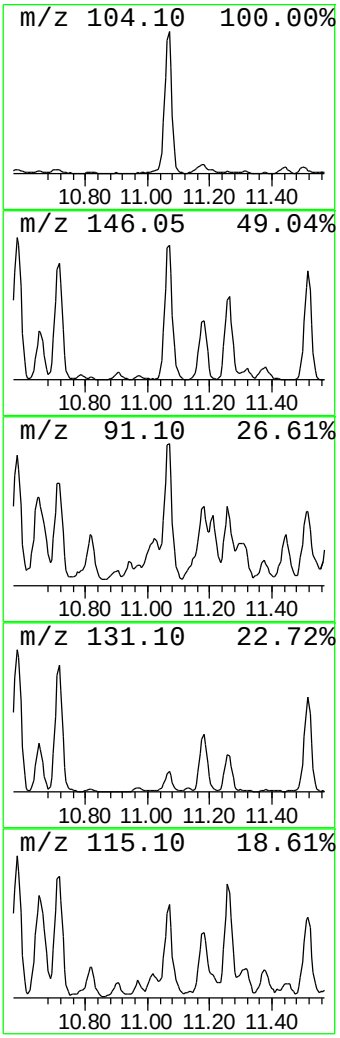
**********

Peak Number 30 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.07 | 10.51 ng/ul | 1231580 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 93 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 90 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 87 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 86 |
| 5 | 2(1H)-Naphthalenone, 3,4-dihydro- | 146 | C10H10O | 000530-93-8 | 59 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

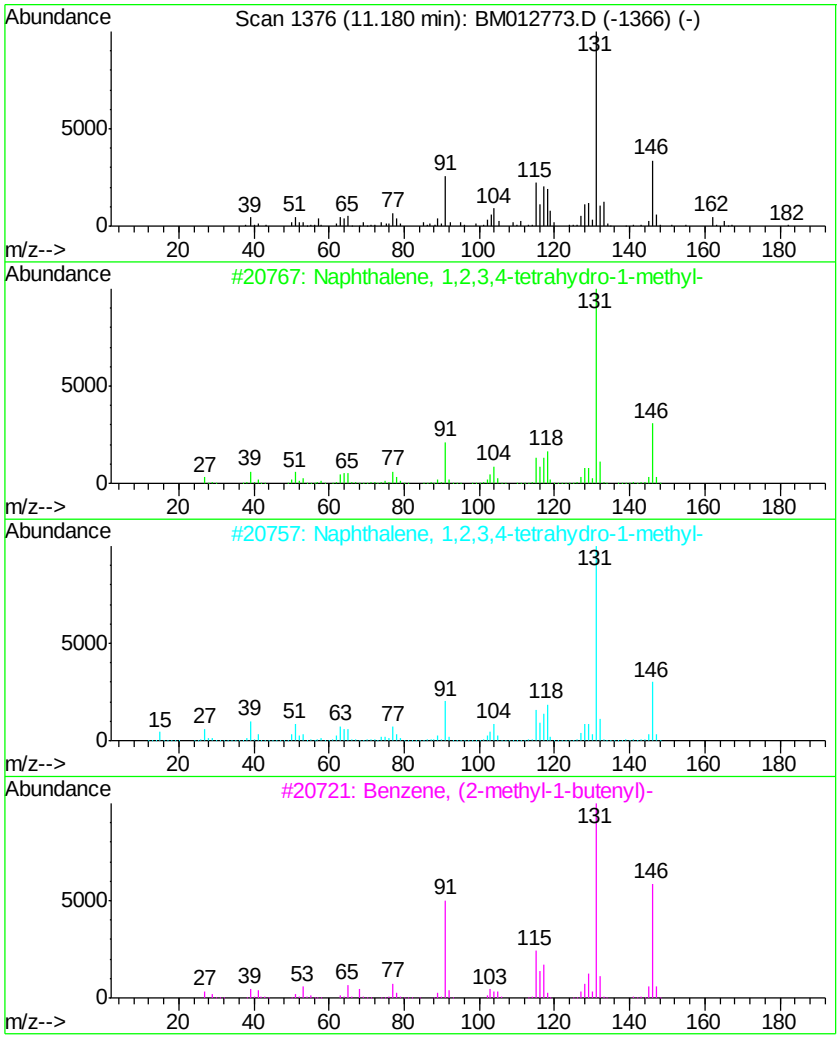
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

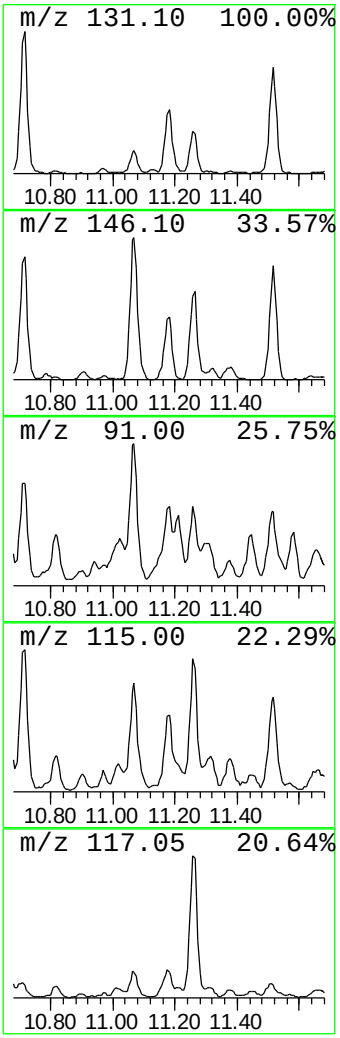
**********

Peak Number 31 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.18 | 6.19 ng/ul | 726043 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 94 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 94 |
| 3 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 93 |
| 4 | 1H-Indene,2,3-dihydro-2,2-dimethyl- | 146 | C11H14 | 020836-11-7 | 89 |
| 5 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 70 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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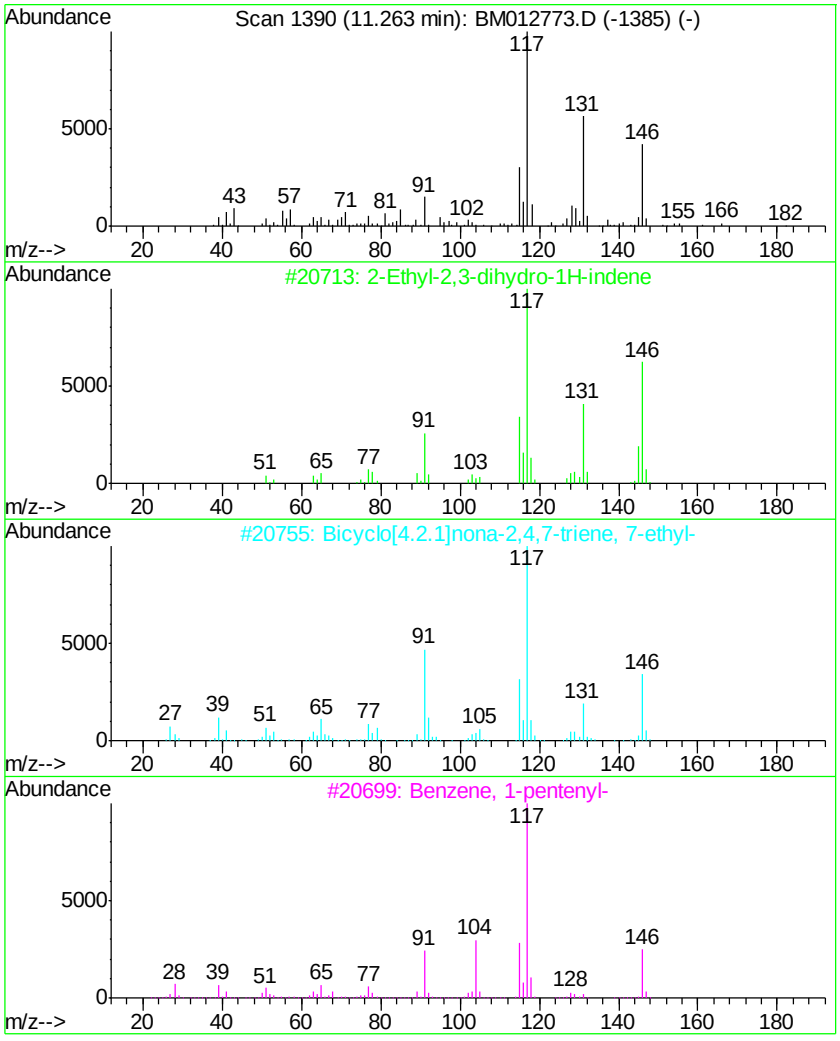
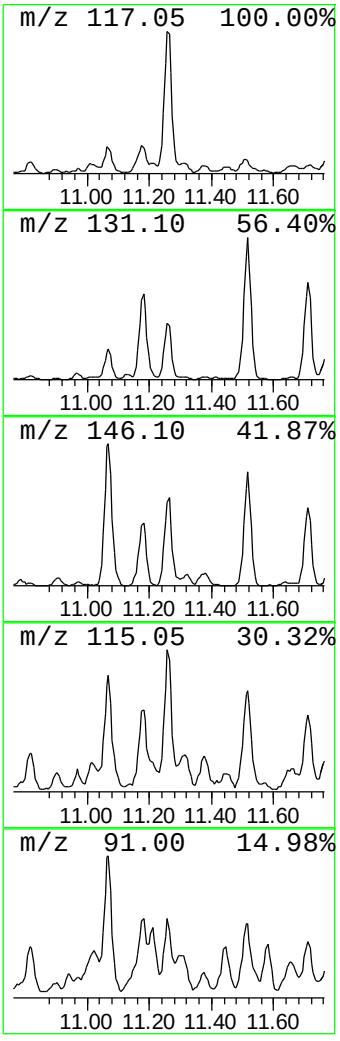
Peak Number 32 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 62

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.26 | 5.73 ng/ul | 671565 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Ethyl-2,3-dihydro-1H-indene | 146 | C11H14 | 056147-63-8 | 83 |
| 2 | Bicyclo[4.2.1]nona-2,4,7-triene,... | 146 | C11H14 | 1000164-42-6 | 64 |
| 3 | Benzene, 1-pentenyl- | 146 | C11H14 | 000826-18-6 | 58 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 52 |
| 5 | 1H-Indene, 1-ethyl-2,3-dihydro- | 146 | C11H14 | 004830-99-3 | 50 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

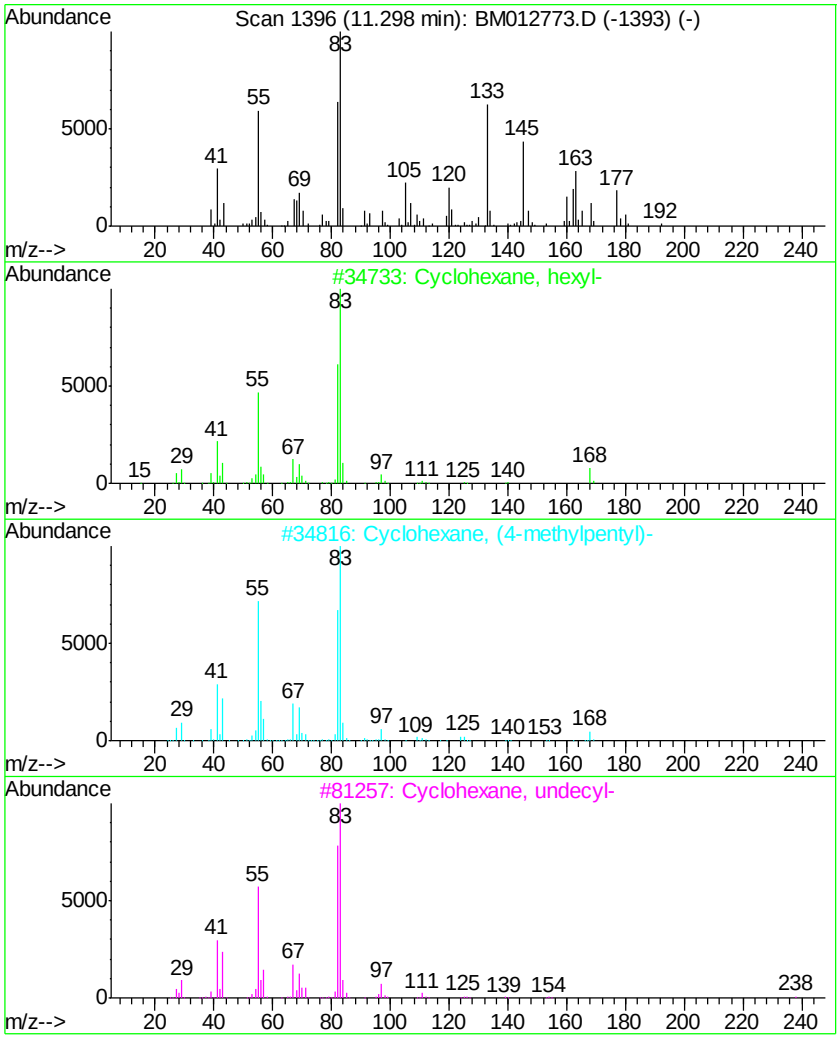
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

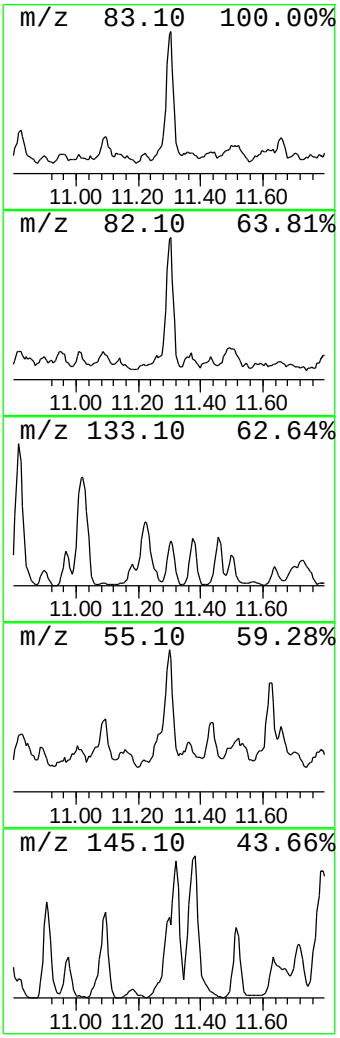
**********

Peak Number 33 (DEL) Alkane: Cyclic11.30 Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.30 | 7.15 ng/ul | 838032 | Naphthalene-d8 | 10.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, hexyl- | 168 | C12H24 | 004292-75-5 | 38 |
| 2 | Cyclohexane, (4-methylpentyl)- | 168 | C12H24 | 061142-20-9 | 35 |
| 3 | Cyclohexane, undecyl- | 238 | C17H34 | 054105-66-7 | 30 |
| 4 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 27 |
| 5 | Cyclohexane, tetradecyl- | 280 | C20H40 | 001795-18-2 | 27 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

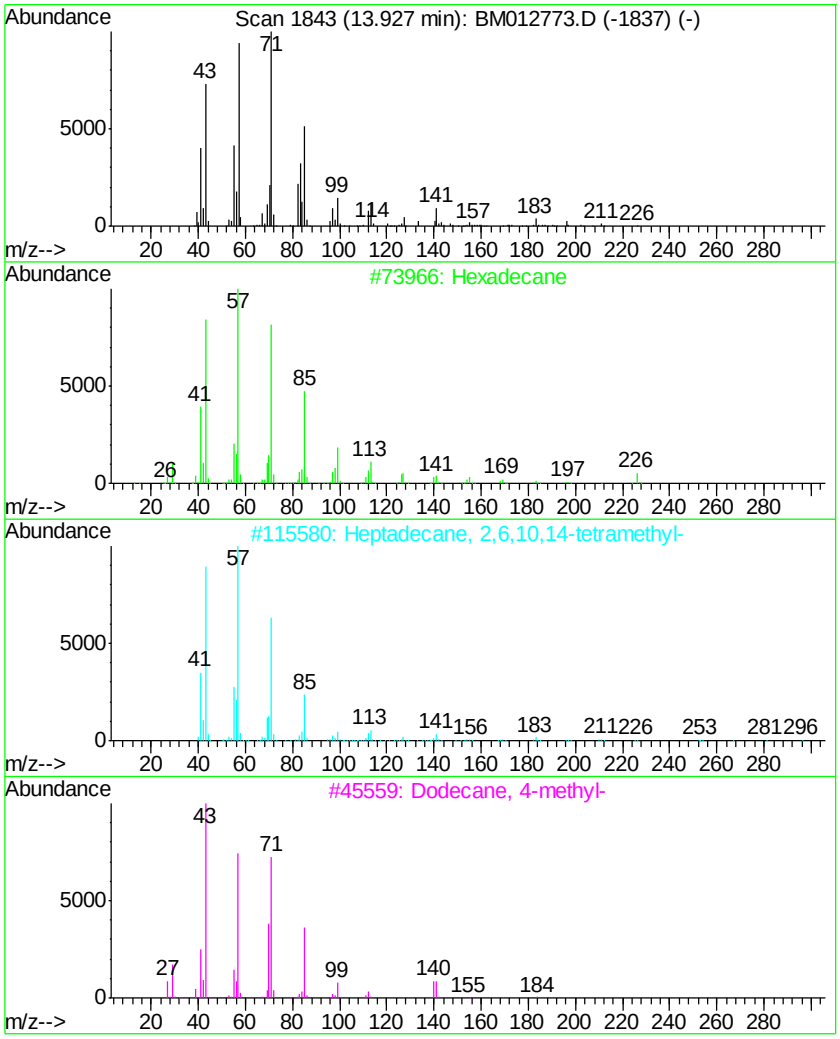
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

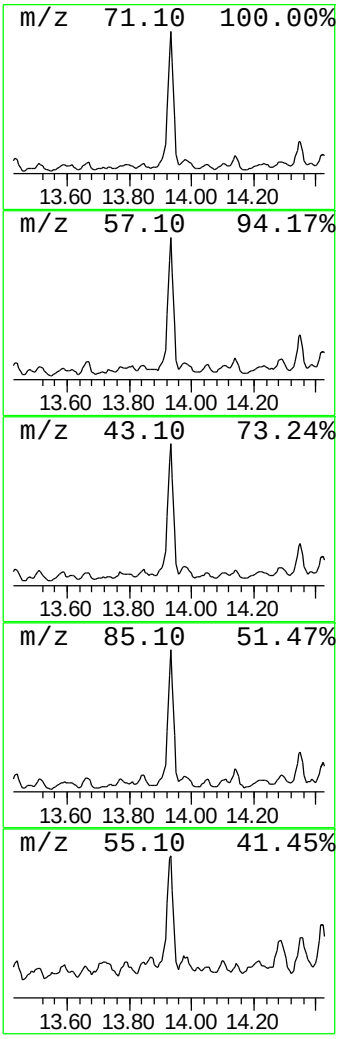
**********

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.93 | 30.43 ng/ul | 1983750 | Acenaphthene-d10 | 14.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 2 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 64 |
| 3 | Dodecane, 4-methyl- | 184 | C13H28 | 006117-97-1 | 58 |
| 4 | Dodecane, 4-methyl- | 184 | C13H28 | 006117-97-1 | 58 |
| 5 | Undecane, 4,6-dimethyl- | 184 | C13H28 | 017312-82-2 | 58 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

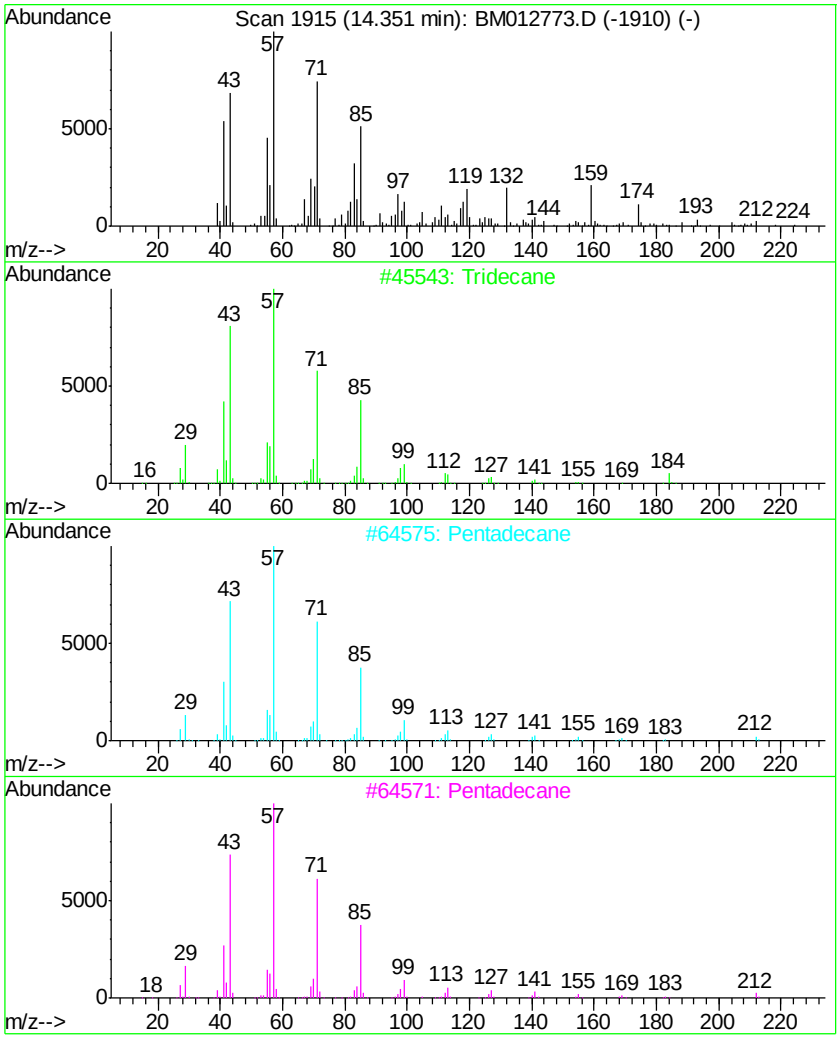
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

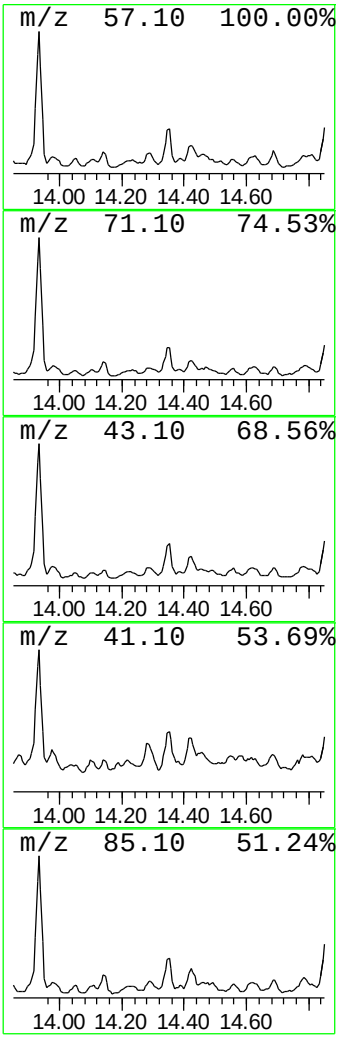
**********

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.35 | 10.94 ng/ul | 713338 | Acenaphthene-d10 | 14.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 70 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 70 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 55 |
| 4 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 49 |
| 5 | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 49 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

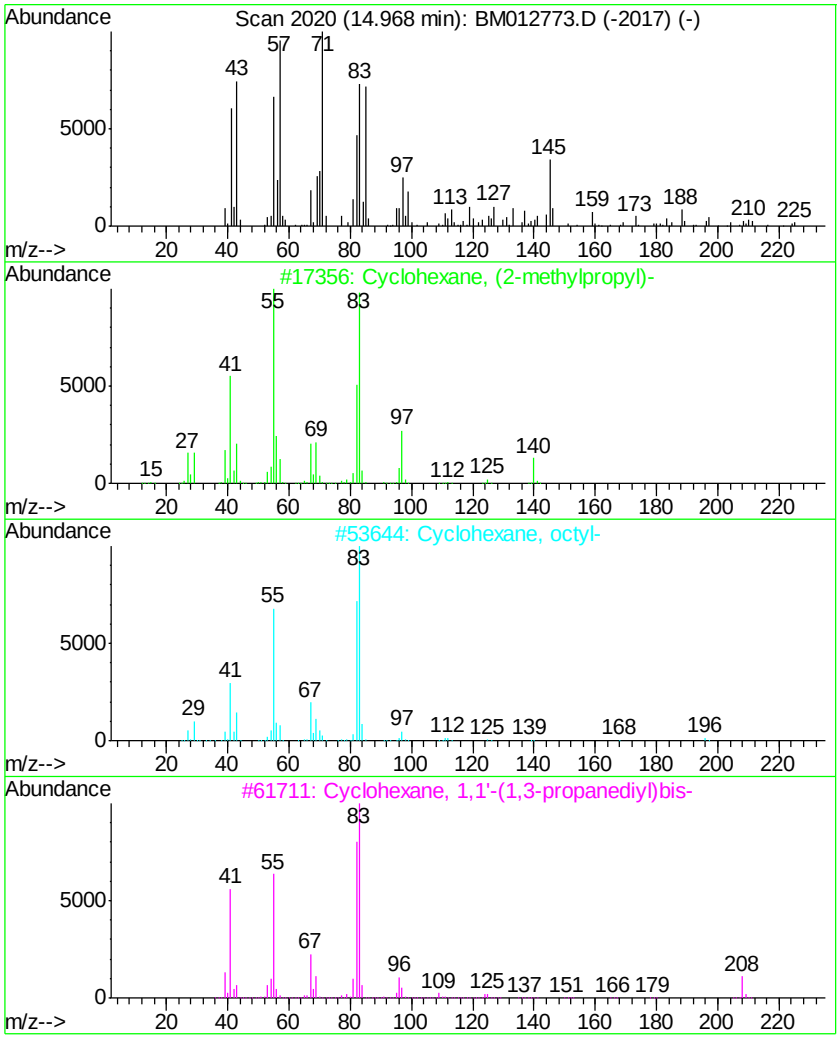
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

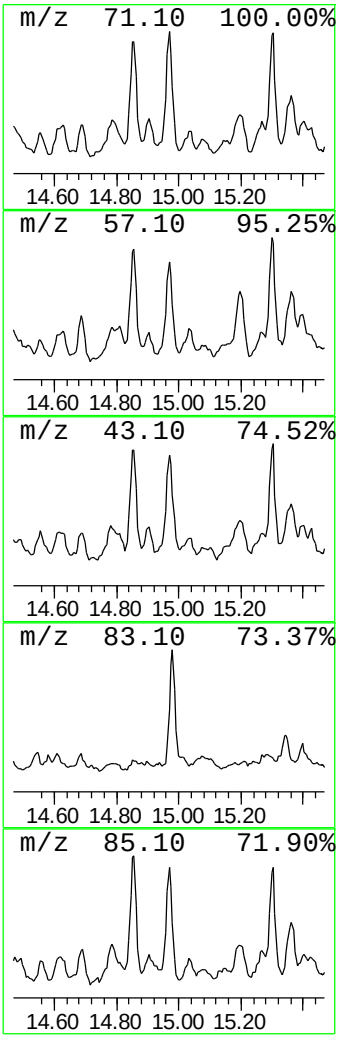
**********

Peak Number 63 (DEL) Alkane: Cyclic14.37 Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.97 | 10.07 ng/ul | 656504 | Acenaphthene-d10 | 14.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 43 |
| 2 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 41 |
| 3 | Cyclohexane, 1,1'-(1,3-propanedi... | 208 | C15H28 | 003178-24-3 | 41 |
| 4 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 38 |
| 5 | Cyclohexane, 1,1'-(1,3-propanedi... | 208 | C15H28 | 003178-24-3 | 38 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

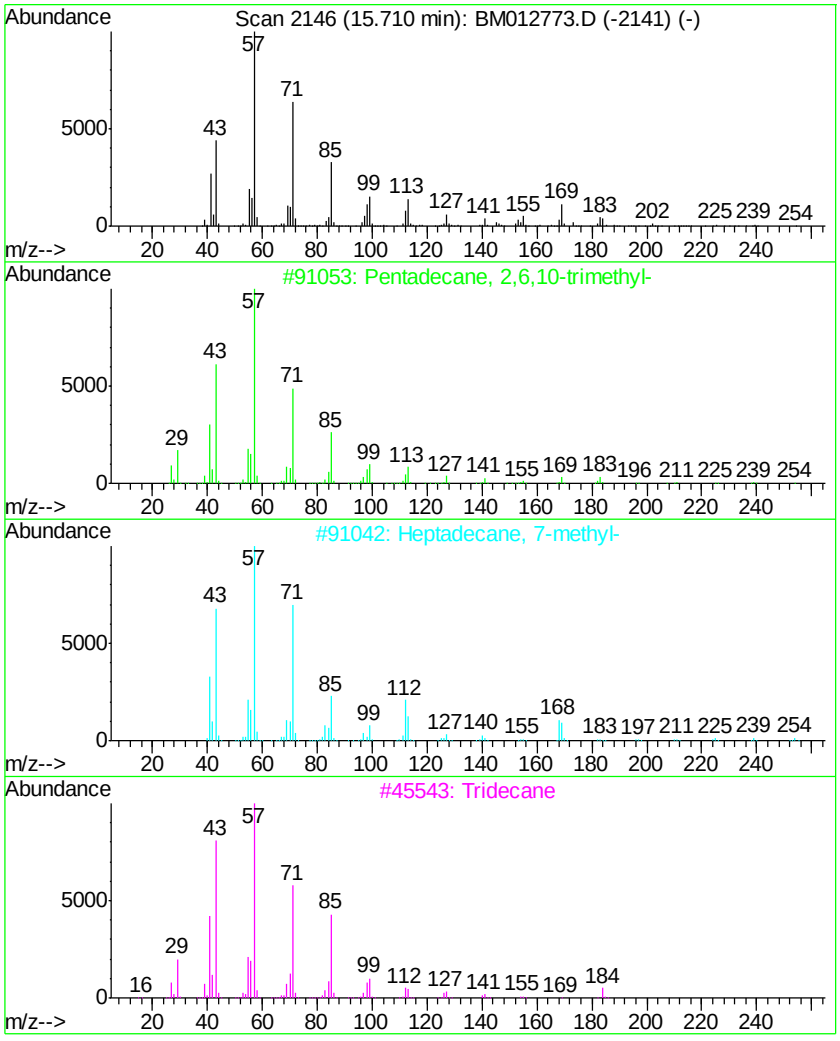
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

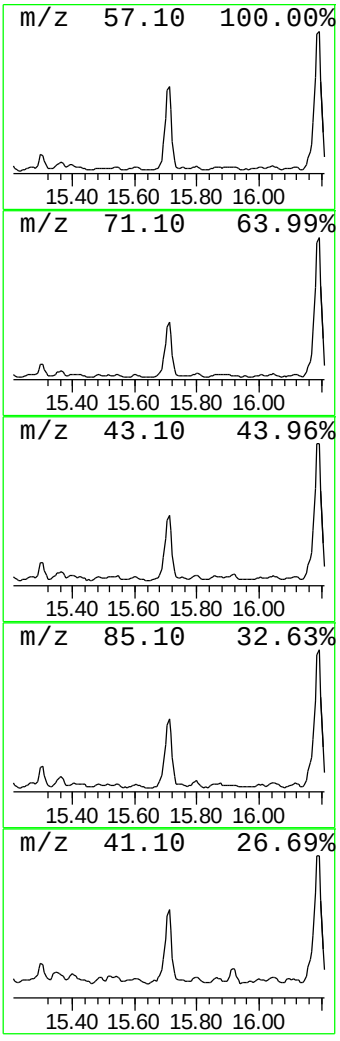
**********

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.71 | 36.76 ng/ul | 2396670 | Acenaphthene-d10 | 14.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 91 |
| 2 | Heptadecane, 7-methyl- | 254 | C18H38 | 020959-33-5 | 74 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 74 |
| 4 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 72 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 68 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

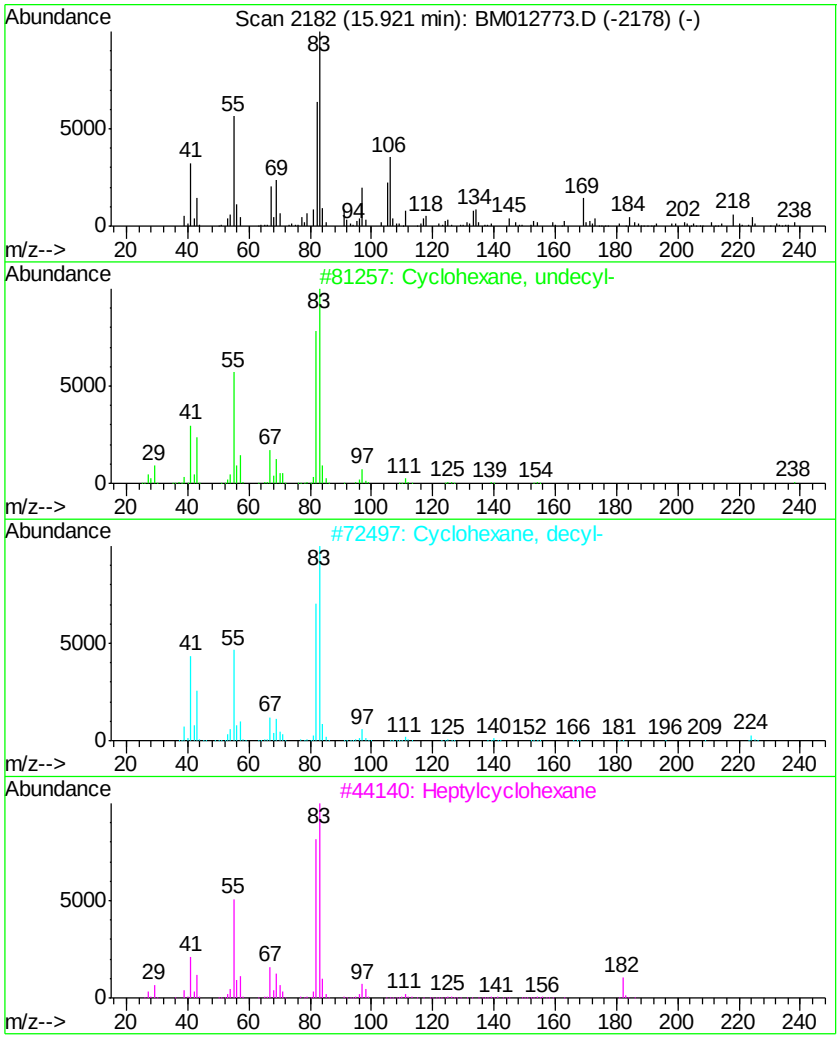
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

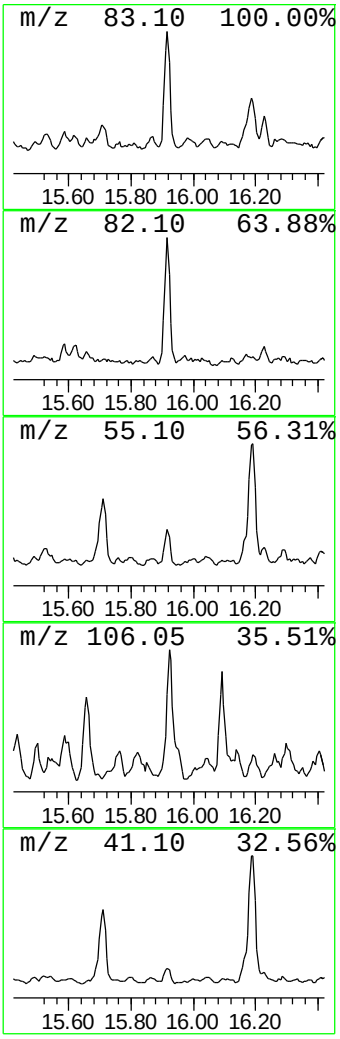
**********

Peak Number 68 (DEL) Alkane: Cyclic15.92 Concentration Rank 68

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.92 | 4.91 ng/ul | 398663 | Phenanthrene-d10 | 17.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, undecyl- | 238 | C17H34 | 054105-66-7 | 76 |
| 2 | Cyclohexane, decyl- | 224 | C16H32 | 001795-16-0 | 64 |
| 3 | Heptylcyclohexane | 182 | C13H26 | 005617-41-4 | 59 |
| 4 | n-Amylcyclohexane | 154 | C11H22 | 029949-27-7 | 59 |
| 5 | n-Nonylcyclohexane | 210 | C15H30 | 002883-02-5 | 59 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

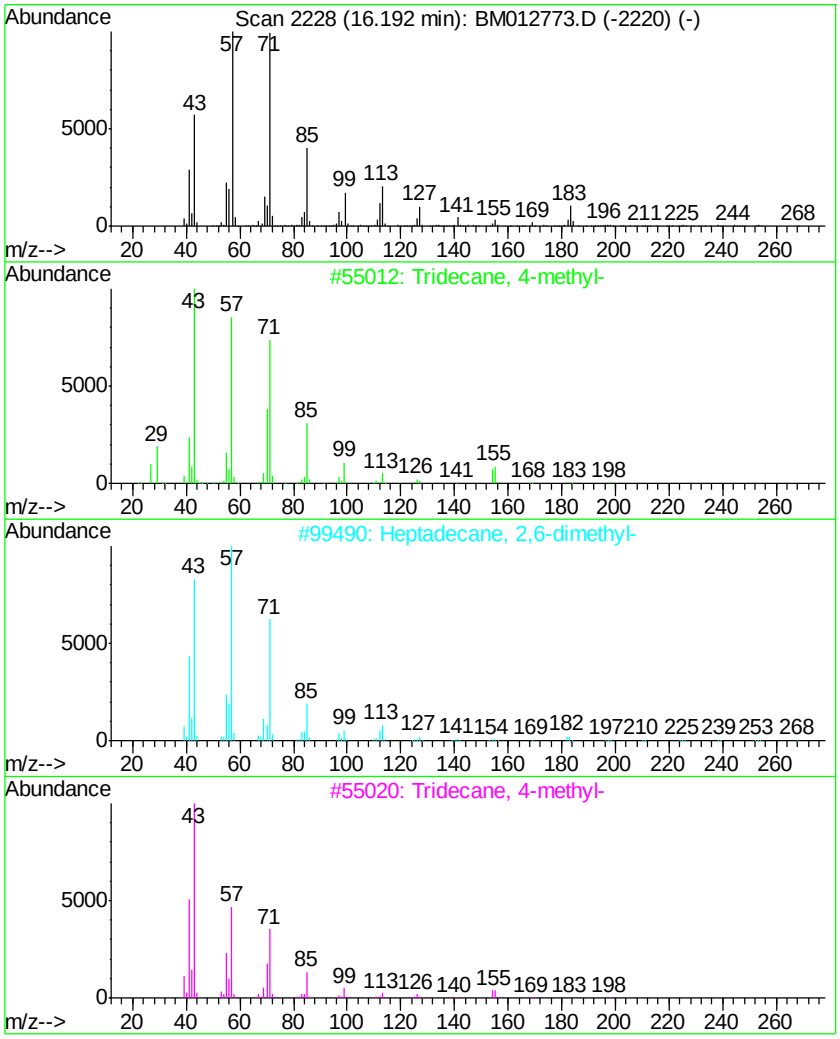
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

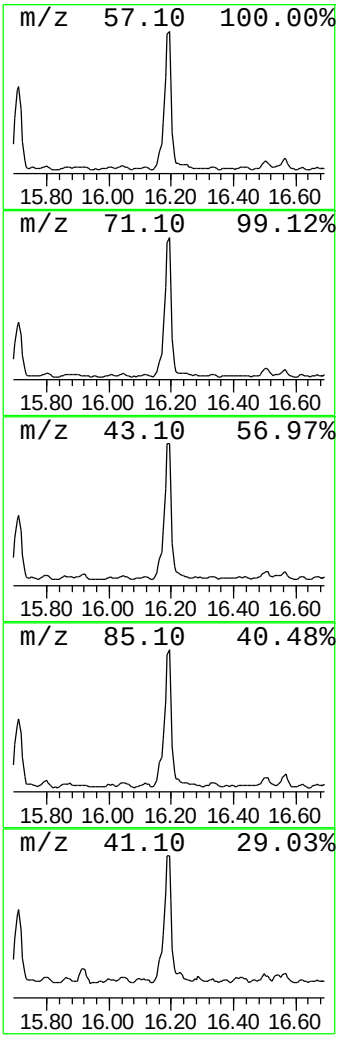
**********

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.19 | 58.44 ng/ul | 4746090 | Phenanthrene-d10 | 17.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 4-methyl- | 198 | C14H30 | 026730-12-1 | 76 |
| 2 | Heptadecane, 2,6-dimethyl- | 268 | C19H40 | 054105-67-8 | 68 |
| 3 | Tridecane, 4-methyl- | 198 | C14H30 | 026730-12-1 | 64 |
| 4 | Pentadecane, 7-methyl- | 226 | C16H34 | 006165-40-8 | 64 |
| 5 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 62 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

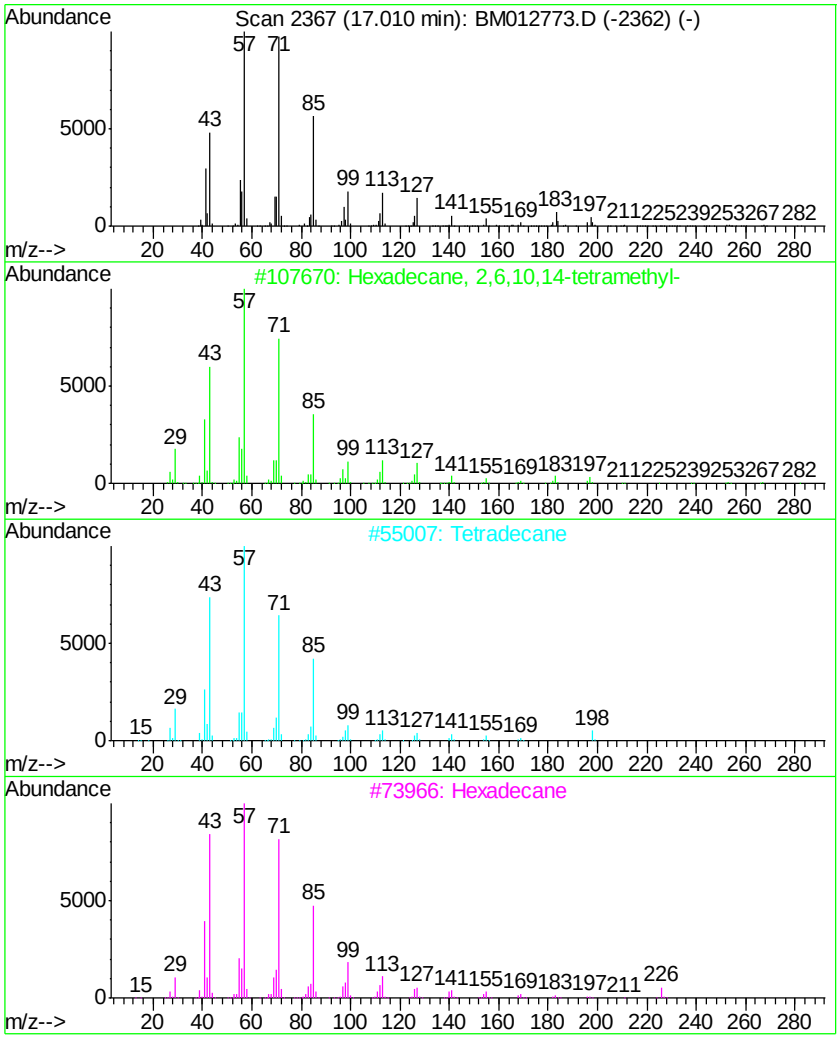
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

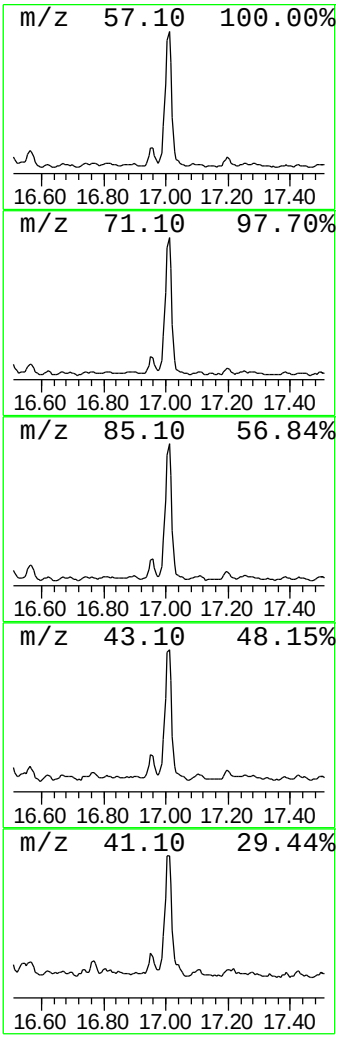
**********

Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.01 | 43.94 ng/ul | 3568770 | Phenanthrene-d10 | 17.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 87 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 87 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 81 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 80 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

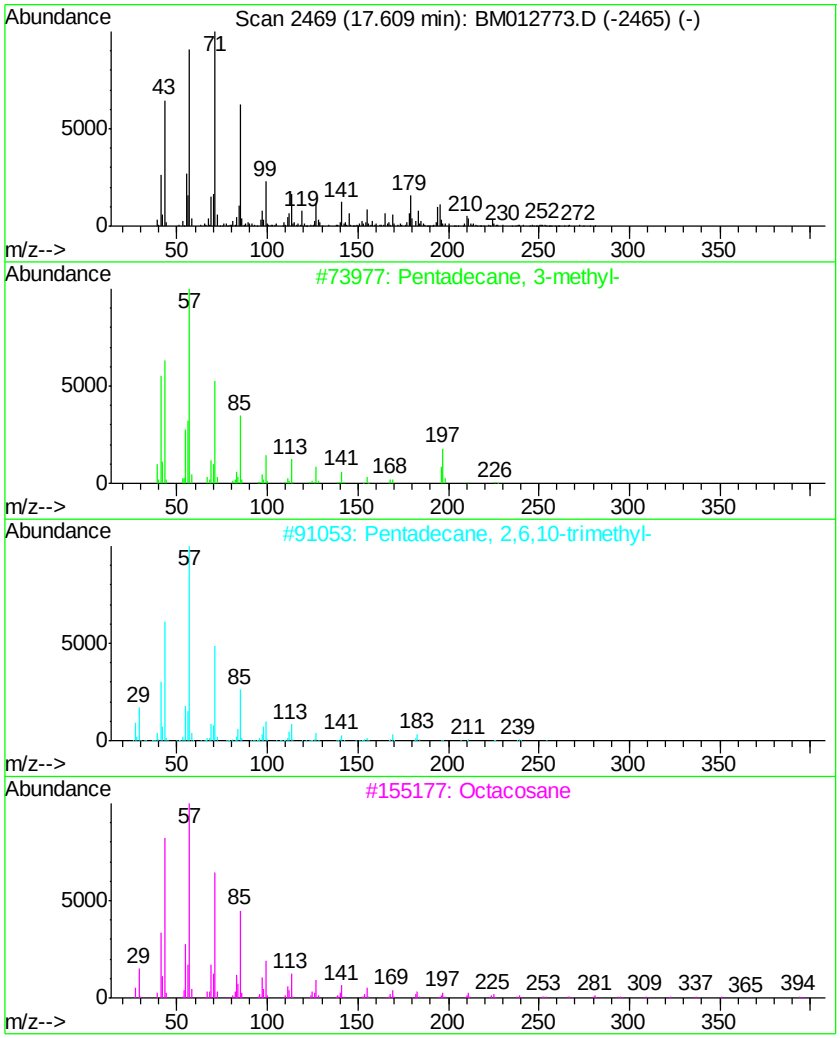
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

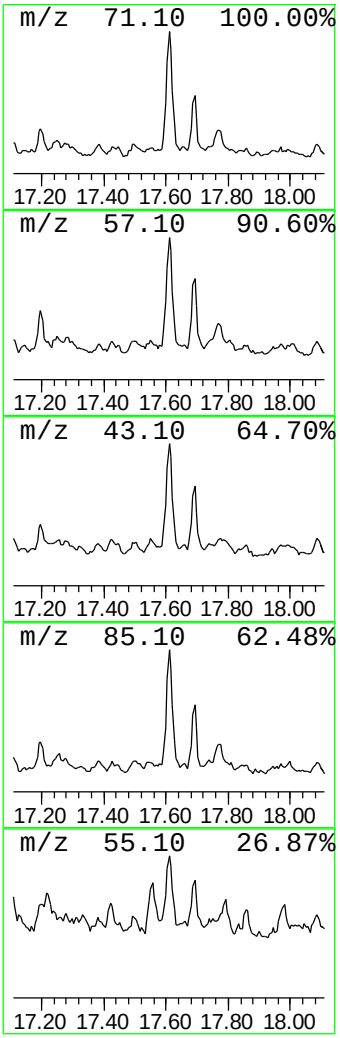
**********

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.61 | 13.23 ng/ul | 1074220 | Phenanthrene-d10 | 17.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 3-methyl- | 226 | C16H34 | 002882-96-4 | 81 |
| 2 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 81 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 80 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 74 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 74 |



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

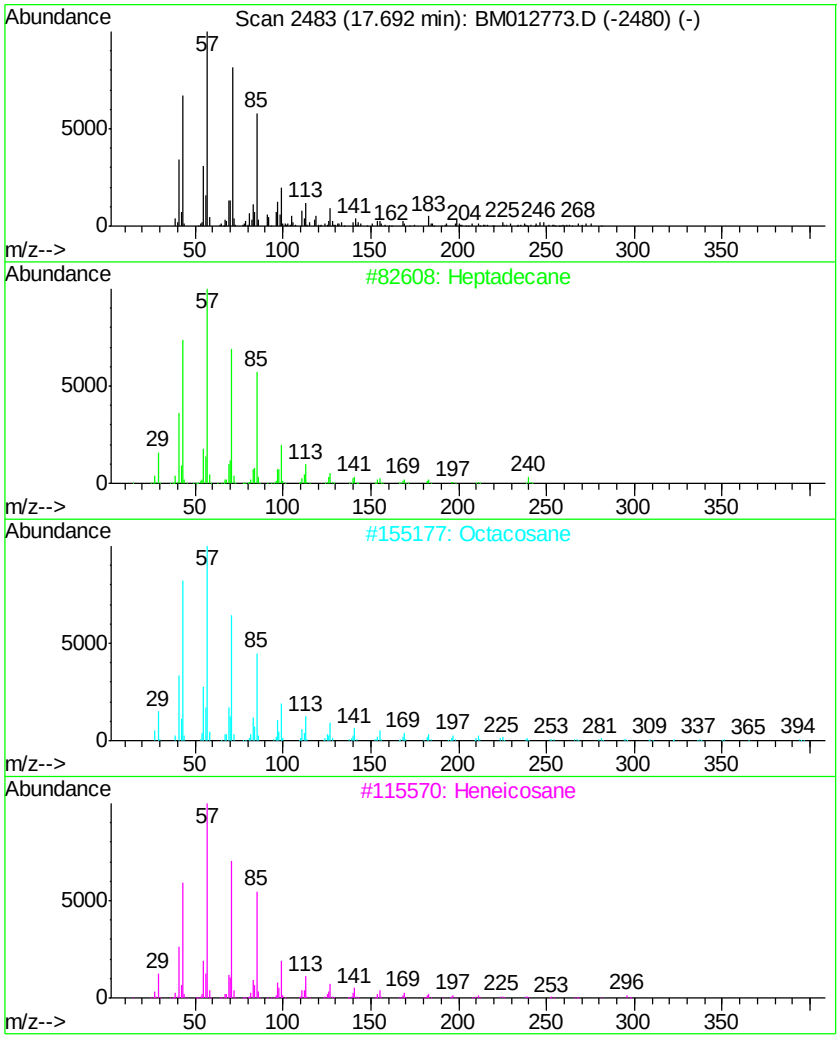
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

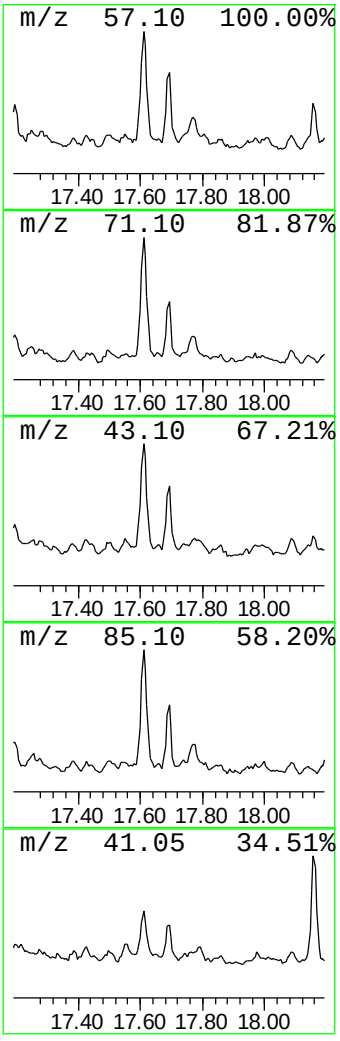
**********

Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 72

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.69 | 4.50 ng/ul | 365115 | Phenanthrene-d10 | 17.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
Data File : BM012773.D
Acq On : 06 Nov 2017 12:35
Operator : SJ/JU
Sample : I5825-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B-67(2.5-3.8)-101017DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: Cyc... | 6.09 | 9.4 | ng/ul | 369146 | 1 | 7.81 | 783690 | 20.0 |
| unknown-01 | 6.30 | 10.9 | ng/ul | 428410 | 1 | 7.81 | 783690 | 20.0 |
| unknown-02 | 6.80 | 11.5 | ng/ul | 450925 | 1 | 7.81 | 783690 | 20.0 |
| Benzene, 1-ethyl-... | 6.90 | 9.6 | ng/ul | 376922 | 1 | 7.81 | 783690 | 20.0 |
| Benzene, 1,2,3-tr... | 7.46 | 18.2 | ng/ul | 712976 | 1 | 7.81 | 783690 | 20.0 |
| (DEL) Alkane: Str... | 7.99 | 10.1 | ng/ul | 397407 | 1 | 7.81 | 783690 | 20.0 |
| Indane | 8.18 | 11.7 | ng/ul | 459951 | 1 | 7.81 | 783690 | 20.0 |
| Benzene, 1,2-diet... | 8.30 | 9.2 | ng/ul | 358966 | 1 | 7.81 | 783690 | 20.0 |
| Benzene, 1-methyl... | 8.36 | 17.2 | ng/ul | 672955 | 1 | 7.81 | 783690 | 20.0 |
| Benzene, 4-ethyl-... | 8.45 | 27.6 | ng/ul | 1082330 | 1 | 7.81 | 783690 | 20.0 |
| Benzene, 1-methyl... | 8.81 | 9.8 | ng/ul | 382786 | 1 | 7.81 | 783690 | 20.0 |
| unknown-03 | 9.16 | 21.7 | ng/ul | 851250 | 1 | 7.81 | 783690 | 20.0 |
| Benzene, 1,2,4,5-... | 9.43 | 5.0 | ng/ul | 583350 | 2 | 10.60 | 2344540 | 20.0 |
| Naphthalene, deca... | 9.52 | 3.5 | ng/ul | 414103 | 2 | 10.60 | 2344540 | 20.0 |
| 1-Methyldecahydro... | 9.79 | 11.1 | ng/ul | 1304440 | 2 | 10.60 | 2344540 | 20.0 |
| 3-Phenylbut-1-ene | 9.85 | 5.3 | ng/ul | 627337 | 2 | 10.60 | 2344540 | 20.0 |
| unknown-04 | 9.88 | 3.7 | ng/ul | 429270 | 2 | 10.60 | 2344540 | 20.0 |
| unknown-05 | 9.95 | 5.3 | ng/ul | 624464 | 2 | 10.60 | 2344540 | 20.0 |
| Benzene, 1-etheny... | 10.00 | 14.1 | ng/ul | 1648060 | 2 | 10.60 | 2344540 | 20.0 |
| Benzene, 1-ethyl-... | 10.07 | 5.2 | ng/ul | 610025 | 2 | 10.60 | 2344540 | 20.0 |
| Benzene, 1-methyl... | 10.30 | 6.2 | ng/ul | 722104 | 2 | 10.60 | 2344540 | 20.0 |
| .alpha.,.beta.,.b... | 10.52 | 7.9 | ng/ul | 926791 | 2 | 10.60 | 2344540 | 20.0 |
| Benzene, 1-ethyl-... | 10.82 | 4.8 | ng/ul | 565297 | 2 | 10.60 | 2344540 | 20.0 |
| Naphthalene, 1,2,... | 11.07 | 10.5 | ng/ul | 1231580 | 2 | 10.60 | 2344540 | 20.0 |
| Naphthalene, 1,2,... | 11.18 | 6.2 | ng/ul | 726043 | 2 | 10.60 | 2344540 | 20.0 |
| 2-Ethyl-2,3-dihyd... | 11.26 | 5.7 | ng/ul | 671565 | 2 | 10.60 | 2344540 | 20.0 |
| (DEL) Alkane: Cyc... | 11.30 | 7.2 | ng/ul | 838032 | 2 | 10.60 | 2344540 | 20.0 |
| (DEL) Alkane: Str... | 13.93 | 30.4 | ng/ul | 1983750 | 3 | 14.45 | 1303950 | 20.0 |
| (DEL) Alkane: Str... | 14.35 | 10.9 | ng/ul | 713338 | 3 | 14.45 | 1303950 | 20.0 |
| (DEL) Alkane: Cyc... | 14.97 | 10.1 | ng/ul | 656504 | 3 | 14.45 | 1303950 | 20.0 |
| (DEL) Alkane: Str... | 15.71 | 36.8 | ng/ul | 2396670 | 3 | 14.45 | 1303950 | 20.0 |
| (DEL) Alkane: Cyc... | 15.92 | 4.9 | ng/ul | 398663 | 4 | 17.20 | 1624380 | 20.0 |
| (DEL) Alkane: Str... | 16.19 | 58.4 | ng/ul | 4746090 | 4 | 17.20 | 1624380 | 20.0 |
| (DEL) Alkane: Str... | 17.01 | 43.9 | ng/ul | 3568770 | 4 | 17.20 | 1624380 | 20.0 |
| (DEL) Alkane: Str... | 17.61 | 13.2 | ng/ul | 1074220 | 4 | 17.20 | 1624380 | 20.0 |
| (DEL) Alkane: Str... | 17.69 | 4.5 | ng/ul | 365115 | 4 | 17.20 | 1624380 | 20.0 |