LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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 | 3.184 | 53 | 59 | 70 | rVB | 246887 | 391035 | 1.32% | 0.152% |
| 2 | 7.761 | 829 | 838 | 845 | rVV5 | 46987 | 128956 | 0.44% | 0.050% |
| 3 | 8.008 | 875 | 880 | 887 | rVB | 92598 | 165342 | 0.56% | 0.064% |
| 4 | 8.102 | 887 | 896 | 903 | rBV2 | 75468 | 152299 | 0.51% | 0.059% |
| 5 | 8.736 | 996 | 1004 | 1006 | rBV3 | 67717 | 136956 | 0.46% | 0.053% |
| 6 | 8.777 | 1006 | 1011 | 1023 | rVB5 | 108385 | 347692 | 1.17% | 0.135% |
| 7 | 9.171 | 1073 | 1078 | 1087 | rVB4 | 63414 | 132471 | 0.45% | 0.051% |
| 8 | 9.277 | 1087 | 1096 | 1102 | rBV8 | 53916 | 161348 | 0.54% | 0.063% |
| 9 | 9.441 | 1118 | 1124 | 1128 | rBV | 260421 | 468133 | 1.58% | 0.182% |
| 10 | 9.488 | 1128 | 1132 | 1139 | rVV4 | 106347 | 301514 | 1.02% | 0.117% |
| 11 | 9.553 | 1139 | 1143 | 1153 | rVB2 | 91516 | 185612 | 0.63% | 0.072% |
| 12 | 9.794 | 1176 | 1184 | 1192 | rVB6 | 108317 | 268800 | 0.91% | 0.104% |
| 13 | 9.923 | 1195 | 1206 | 1214 | rBV9 | 119351 | 411017 | 1.39% | 0.160% |
| 14 | 10.011 | 1214 | 1221 | 1223 | rVV | 429758 | 863589 | 2.91% | 0.336% |
| 15 | 10.040 | 1223 | 1226 | 1233 | rVV | 492114 | 885842 | 2.99% | 0.344% |
| 16 | 10.117 | 1233 | 1239 | 1247 | rVB4 | 150474 | 383559 | 1.29% | 0.149% |
| 17 | 10.328 | 1267 | 1275 | 1289 | rVB | 462773 | 1181918 | 3.99% | 0.459% |
| 18 | 10.481 | 1291 | 1301 | 1315 | rVB2 | 846762 | 2163075 | 7.30% | 0.841% |
| 19 | 10.652 | 1317 | 1330 | 1335 | rBV5 | 215268 | 611991 | 2.06% | 0.238% |
| 20 | 10.722 | 1335 | 1342 | 1350 | rVB3 | 696128 | 1566257 | 5.28% | 0.609% |
| 21 | 10.869 | 1362 | 1367 | 1373 | rBV | 230974 | 420020 | 1.42% | 0.163% |
| 22 | 10.975 | 1379 | 1385 | 1392 | rBV | 418718 | 747076 | 2.52% | 0.290% |
| 23 | 11.063 | 1395 | 1400 | 1405 | rBV3 | 83309 | 202613 | 0.68% | 0.079% |
| 24 | 11.204 | 1414 | 1424 | 1433 | rBV4 | 484040 | 1622069 | 5.47% | 0.630% |
| 25 | 11.292 | 1433 | 1439 | 1444 | rVV | 245870 | 481828 | 1.63% | 0.187% |
| 26 | 11.392 | 1444 | 1456 | 1464 | rVV | 1158497 | 3312390 | 11.18% | 1.287% |
| 27 | 11.462 | 1464 | 1468 | 1478 | rVB | 344033 | 762489 | 2.57% | 0.296% |
| 28 | 11.550 | 1478 | 1483 | 1487 | rBV6 | 90191 | 167287 | 0.56% | 0.065% |
| 29 | 11.709 | 1498 | 1510 | 1518 | rBV | 948466 | 2874379 | 9.70% | 1.117% |
| 30 | 11.879 | 1525 | 1539 | 1544 | rBV | 894906 | 2433807 | 8.21% | 0.946% |
| 31 | 11.938 | 1544 | 1549 | 1553 | rVV | 763708 | 1375108 | 4.64% | 0.534% |
| 32 | 11.997 | 1553 | 1559 | 1564 | rVV | 1006053 | 1798083 | 6.07% | 0.699% |
| 33 | 12.150 | 1579 | 1585 | 1590 | rVB6 | 120666 | 282783 | 0.95% | 0.110% |
| 34 | 12.232 | 1590 | 1599 | 1605 | rVB | 1000361 | 2116043 | 7.14% | 0.822% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.291 | 1605 | 1609 | 1614 | rBV3 | 164674 | 304070 | 1.03% | 0.118% |
| 36 | 12.361 | 1615 | 1621 | 1626 | rBV2 | 568895 | 1165818 | 3.93% | 0.453% |
| 37 | 12.408 | 1627 | 1629 | 1634 | rVB | 240785 | 292676 | 0.99% | 0.114% |
| 38 | 12.479 | 1634 | 1641 | 1645 | rBV3 | 586106 | 1186946 | 4.00% | 0.461% |
| 39 | 12.567 | 1645 | 1656 | 1661 | rBV5 | 847704 | 2278539 | 7.69% | 0.885% |
| 40 | 12.649 | 1661 | 1670 | 1675 | rVB3 | 710017 | 1711834 | 5.78% | 0.665% |
| 41 | 12.702 | 1675 | 1679 | 1680 | rBV | 503914 | 670926 | 2.26% | 0.261% |
| 42 | 12.802 | 1692 | 1696 | 1700 | rBV4 | 157522 | 289099 | 0.98% | 0.112% |
| 43 | 12.855 | 1701 | 1705 | 1707 | rBV | 242851 | 354779 | 1.20% | 0.138% |
| 44 | 12.896 | 1707 | 1712 | 1724 | rVV6 | 635756 | 2093212 | 7.06% | 0.813% |
| 45 | 13.049 | 1735 | 1738 | 1743 | rVB3 | 402391 | 576817 | 1.95% | 0.224% |
| 46 | 13.154 | 1744 | 1756 | 1763 | rBV4 | 1243611 | 4316309 | 14.56% | 1.677% |
| 47 | 13.272 | 1771 | 1776 | 1783 | rVB3 | 519403 | 1032958 | 3.48% | 0.401% |
| 48 | 13.384 | 1785 | 1795 | 1802 | rBV7 | 570538 | 1836686 | 6.20% | 0.714% |
| 49 | 13.472 | 1803 | 1810 | 1814 | rBV2 | 1478628 | 2671399 | 9.01% | 1.038% |
| 50 | 13.572 | 1824 | 1827 | 1830 | rBV2 | 347300 | 566458 | 1.91% | 0.220% |
| 51 | 13.642 | 1836 | 1839 | 1845 | rVB2 | 645353 | 1010783 | 3.41% | 0.393% |
| 52 | 13.830 | 1862 | 1871 | 1872 | rBV4 | 1022926 | 2436082 | 8.22% | 0.947% |
| 53 | 13.865 | 1873 | 1877 | 1889 | rVV5 | 1809880 | 5939390 | 20.04% | 2.308% |
| 54 | 13.971 | 1890 | 1895 | 1900 | rVB4 | 1039191 | 2095221 | 7.07% | 0.814% |
| 55 | 14.036 | 1900 | 1906 | 1914 | rBV5 | 2383850 | 5554083 | 18.74% | 2.158% |
| 56 | 14.200 | 1929 | 1934 | 1940 | rBV6 | 656686 | 1211825 | 4.09% | 0.471% |
| 57 | 14.288 | 1945 | 1949 | 1954 | rBV3 | 874855 | 1381785 | 4.66% | 0.537% |
| 58 | 14.606 | 1999 | 2003 | 2010 | rVB7 | 548704 | 1192804 | 4.02% | 0.464% |
| 59 | 14.894 | 2036 | 2052 | 2055 | rBV | 7747778 | 26382576 | 89.01% | 10.253% |
| 60 | 14.917 | 2055 | 2056 | 2058 | rVB | 322246 | 186101 | 0.63% | 0.072% |
| 61 | 15.064 | 2073 | 2081 | 2090 | rBV7 | 3098263 | 8975598 | 30.28% | 3.488% |
| 62 | 15.176 | 2097 | 2100 | 2103 | rBV3 | 411768 | 538203 | 1.82% | 0.209% |
| 63 | 15.223 | 2103 | 2108 | 2112 | rVB2 | 1401137 | 2140520 | 7.22% | 0.832% |
| 64 | 15.293 | 2114 | 2120 | 2123 | rBV6 | 1003434 | 2253759 | 7.60% | 0.876% |
| 65 | 15.693 | 2172 | 2188 | 2191 | rBV | 7701411 | 29640588 | 100.00% | 11.519% |
| 66 | 15.722 | 2191 | 2193 | 2204 | rVB2 | 2012579 | 3408949 | 11.50% | 1.325% |
| 67 | 15.922 | 2224 | 2227 | 2230 | rBV | 776480 | 1088589 | 3.67% | 0.423% |
| 68 | 15.998 | 2235 | 2240 | 2247 | rVB8 | 1254521 | 3442546 | 11.61% | 1.338% |
| 69 | 16.186 | 2264 | 2272 | 2282 | rVB7 | 1994122 | 6488795 | 21.89% | 2.522% |
| 70 | 16.292 | 2283 | 2290 | 2295 | rBV8 | 952438 | 2429286 | 8.20% | 0.944% |
| 71 | 16.345 | 2296 | 2299 | 2303 | rBV3 | 631175 | 1046723 | 3.53% | 0.407% |

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Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 16.451 | 2314 | 2317 | 2320 | rBV2 | 543462 | 848727 | 2.86% | 0.330% |
| 73 | 16.492 | 2320 | 2324 | 2328 | rVV | 1953254 | 3245578 | 10.95% | 1.261% |
| 74 | 16.562 | 2330 | 2336 | 2346 | rVB4 | 2328911 | 5568103 | 18.79% | 2.164% |
| 75 | 16.780 | 2369 | 2373 | 2376 | rBV4 | 1425672 | 2334342 | 7.88% | 0.907% |
| 76 | 17.273 | 2452 | 2457 | 2469 | rVB6 | 2542864 | 6419389 | 21.66% | 2.495% |
| 77 | 17.426 | 2473 | 2483 | 2488 | rVV | 3006690 | 5842005 | 19.71% | 2.270% |
| 78 | 17.496 | 2488 | 2495 | 2499 | rBV2 | 3991473 | 7609565 | 25.67% | 2.957% |
| 79 | 17.573 | 2505 | 2508 | 2512 | rVB | 680993 | 907605 | 3.06% | 0.353% |
| 80 | 17.843 | 2549 | 2554 | 2559 | rBV3 | 1806155 | 3001126 | 10.13% | 1.166% |
| 81 | 18.313 | 2631 | 2634 | 2636 | rBV | 884788 | 1251780 | 4.22% | 0.486% |
| 82 | 18.366 | 2639 | 2643 | 2649 | rVB4 | 3430917 | 7488443 | 25.26% | 2.910% |
| 83 | 18.448 | 2654 | 2657 | 2662 | rVB3 | 776502 | 1151215 | 3.88% | 0.447% |
| 84 | 18.513 | 2663 | 2668 | 2672 | rBV5 | 1610187 | 3248918 | 10.96% | 1.263% |
| 85 | 18.583 | 2677 | 2680 | 2684 | rBV2 | 1438302 | 2162436 | 7.30% | 0.840% |
| 86 | 18.701 | 2696 | 2700 | 2705 | rVB | 1977745 | 3222691 | 10.87% | 1.252% |
| 87 | 19.212 | 2784 | 2787 | 2790 | rBV2 | 1861555 | 2591221 | 8.74% | 1.007% |
| 88 | 19.488 | 2829 | 2834 | 2843 | rBV2 | 1854956 | 4105752 | 13.85% | 1.596% |
| 89 | 19.758 | 2876 | 2880 | 2882 | rBV3 | 1314929 | 2125381 | 7.17% | 0.826% |
| 90 | 19.823 | 2887 | 2891 | 2893 | rBV3 | 1487946 | 2089048 | 7.05% | 0.812% |
| 91 | 20.076 | 2931 | 2934 | 2939 | rVB4 | 699882 | 870120 | 2.94% | 0.338% |
| 92 | 20.757 | 3046 | 3050 | 3053 | rBV | 2047044 | 3094489 | 10.44% | 1.203% |
| 93 | 20.793 | 3053 | 3056 | 3057 | rBV3 | 800685 | 825404 | 2.78% | 0.321% |
| 94 | 21.327 | 3143 | 3147 | 3154 | rVB2 | 1952134 | 3258663 | 10.99% | 1.266% |
| 95 | 21.480 | 3170 | 3173 | 3178 | rVB | 2228858 | 2804606 | 9.46% | 1.090% |
| 96 | 21.844 | 3229 | 3235 | 3244 | rBV2 | 3852218 | 7179851 | 24.22% | 2.790% |
| 97 | 22.526 | 3345 | 3351 | 3358 | rVB | 2549090 | 4553406 | 15.36% | 1.770% |
| 98 | 22.608 | 3360 | 3365 | 3371 | rVB | 2172875 | 4246983 | 14.33% | 1.650% |
| 99 | 22.690 | 3375 | 3379 | 3383 | rBV | 1121385 | 2000636 | 6.75% | 0.777% |
| 100 | 24.077 | 3610 | 3615 | 3632 | rVB2 | 1326038 | 3576696 | 12.07% | 1.390% |

Sum of corrected areas: 257320292

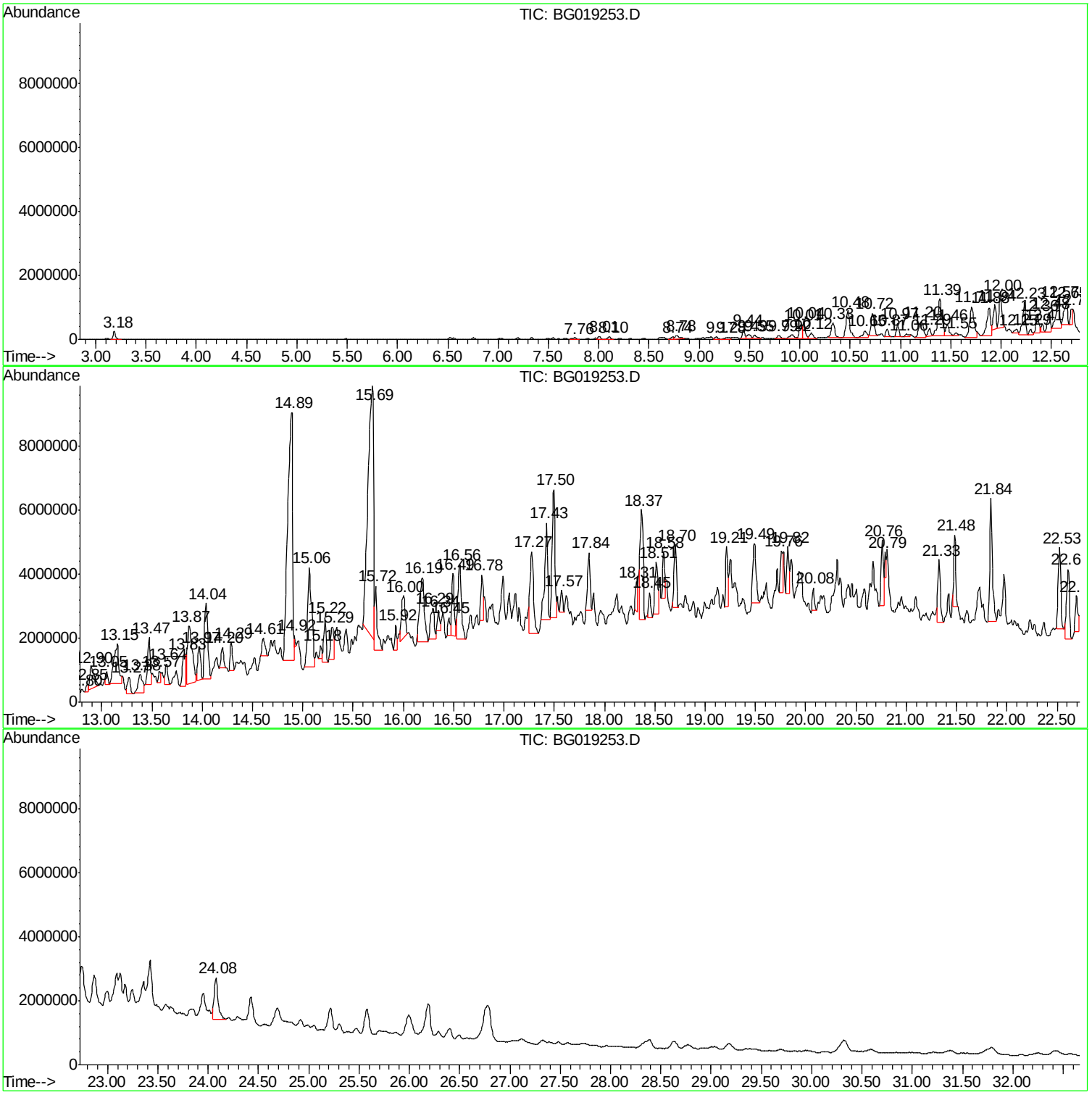
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

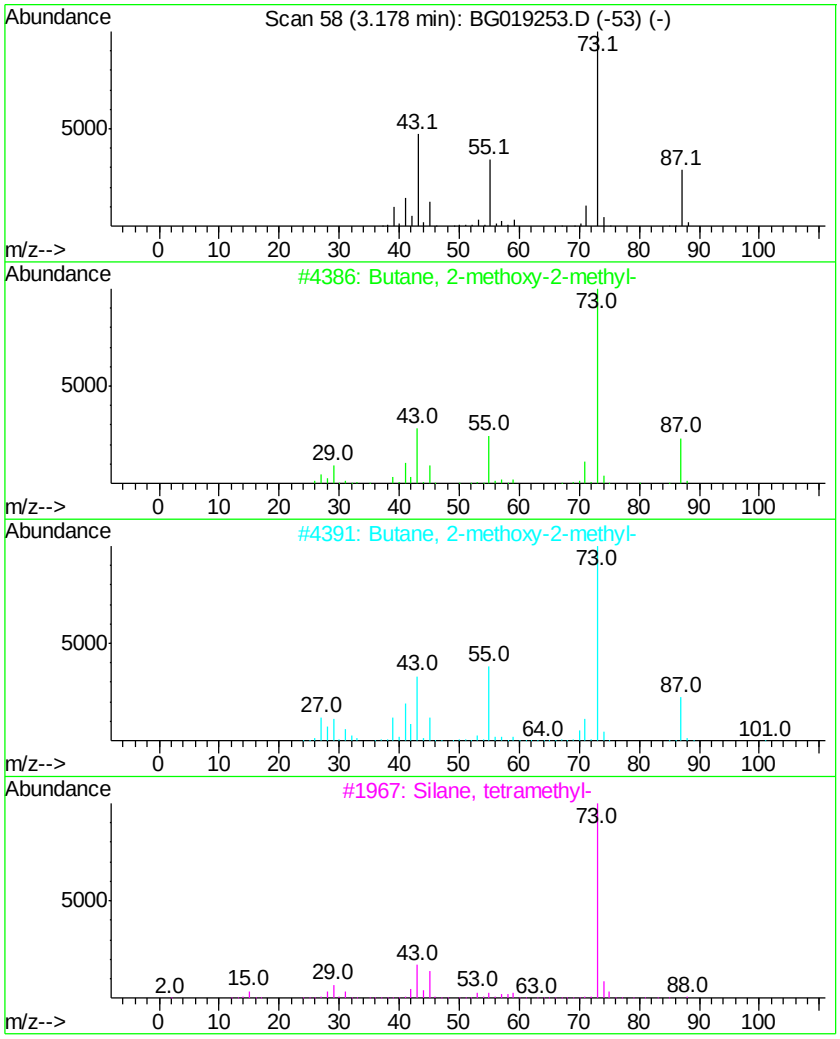
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

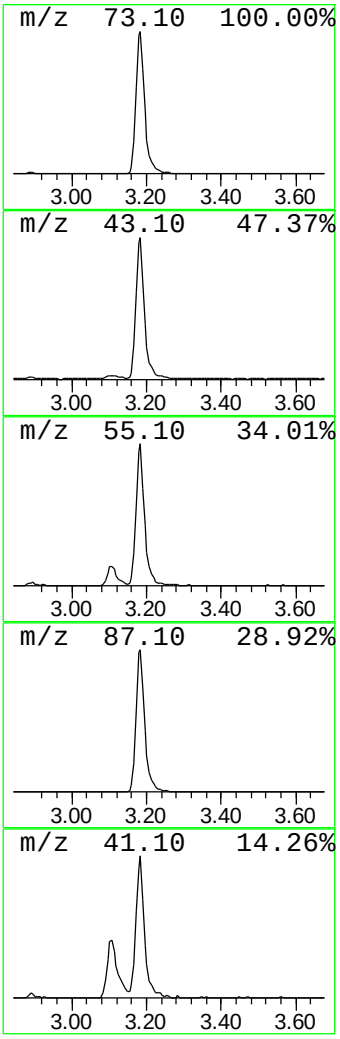
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.18 | 47.30 ng/ul | 391035 | 1,4-Dichlorobenzene-d4 | 8.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 64 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |
| 5 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 9 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

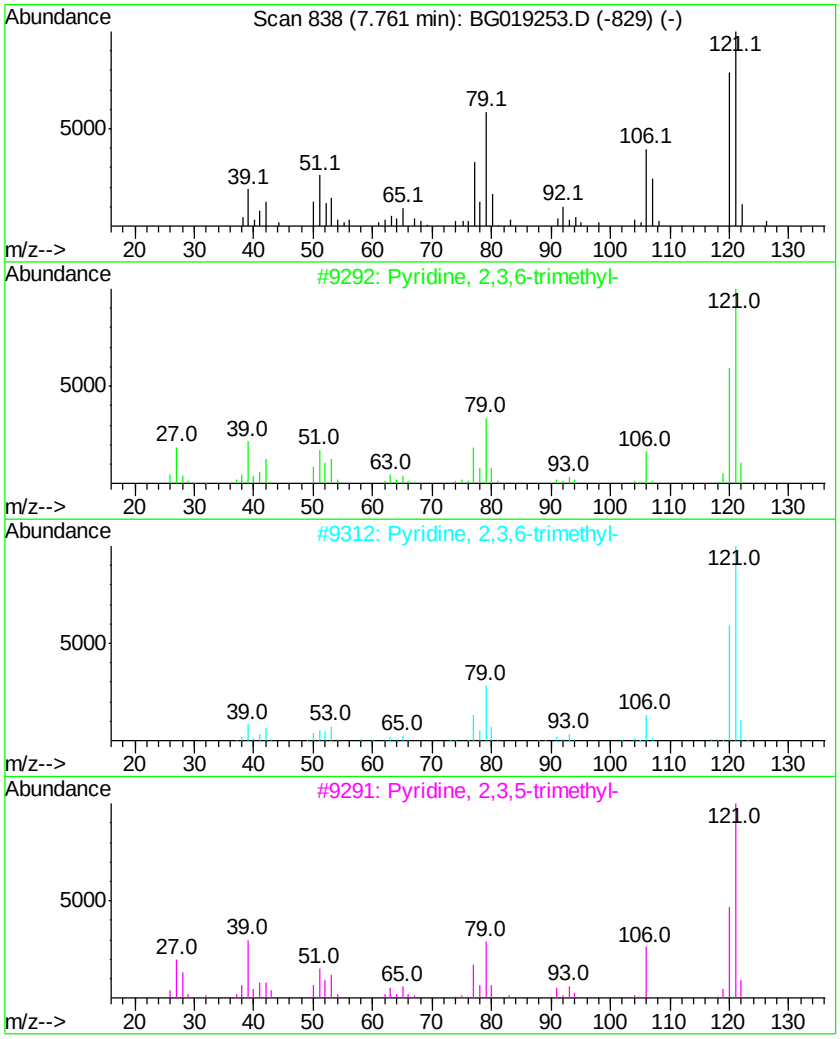
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

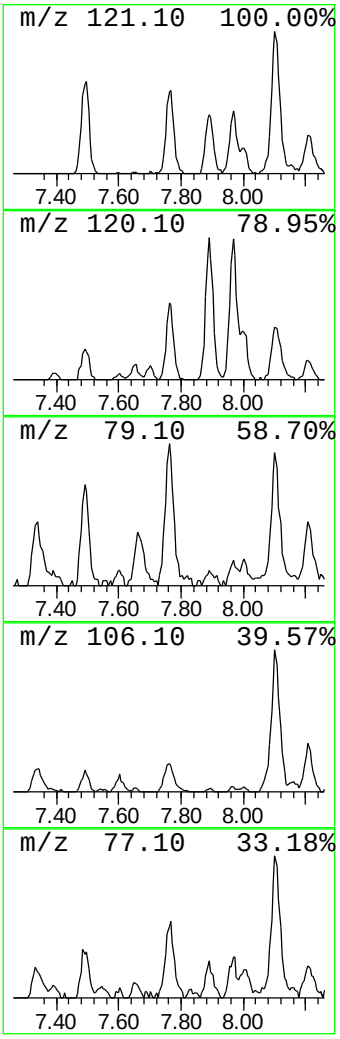
**********

Peak Number 2 Pyridine, 2,3,6-trimethyl- Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.76 | 15.60 ng/ul | 128956 | 1,4-Dichlorobenzene-d4 | 8.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyridine, 2,3,6-trimethyl- | 121 | C8H11N | 001462-84-6 | 93 |
| 2 | Pyridine, 2,3,6-trimethyl- | 121 | C8H11N | 001462-84-6 | 81 |
| 3 | Pyridine, 2,3,5-trimethyl- | 121 | C8H11N | 000695-98-7 | 76 |
| 4 | Pyridine, 2,4,6-trimethyl- | 121 | C8H11N | 000108-75-8 | 64 |
| 5 | Pyridine, 2,4,6-trimethyl- | 121 | C8H11N | 000108-75-8 | 62 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

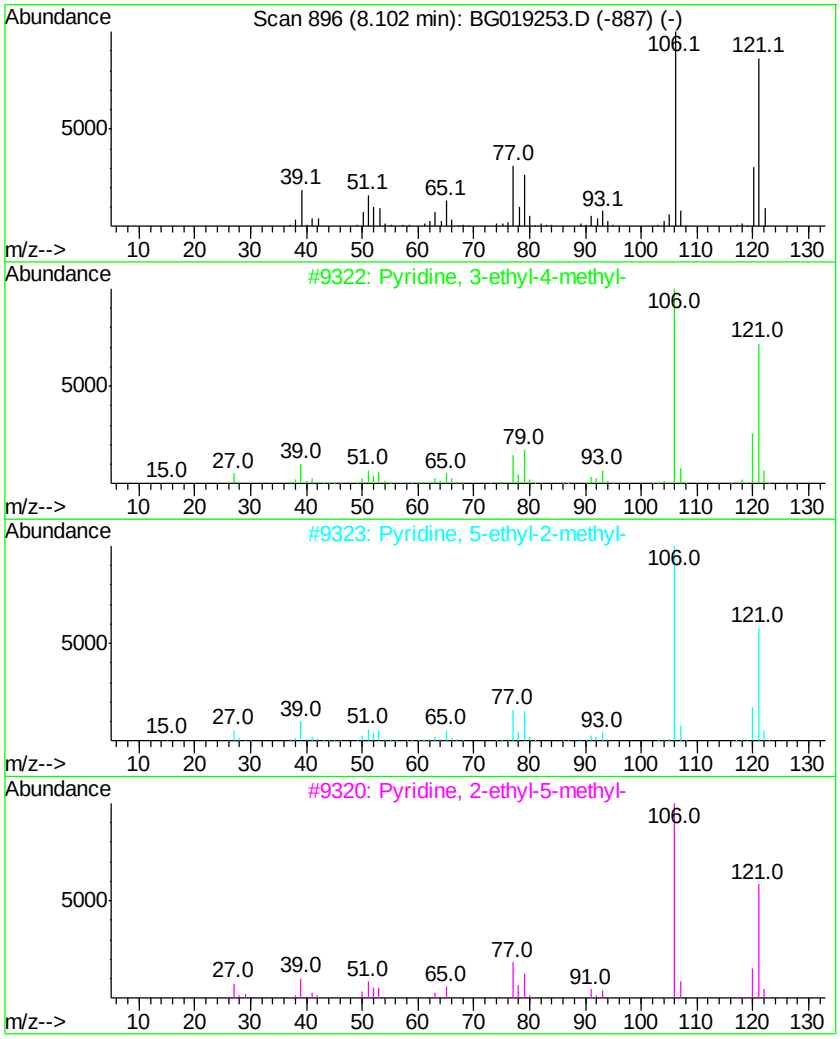
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

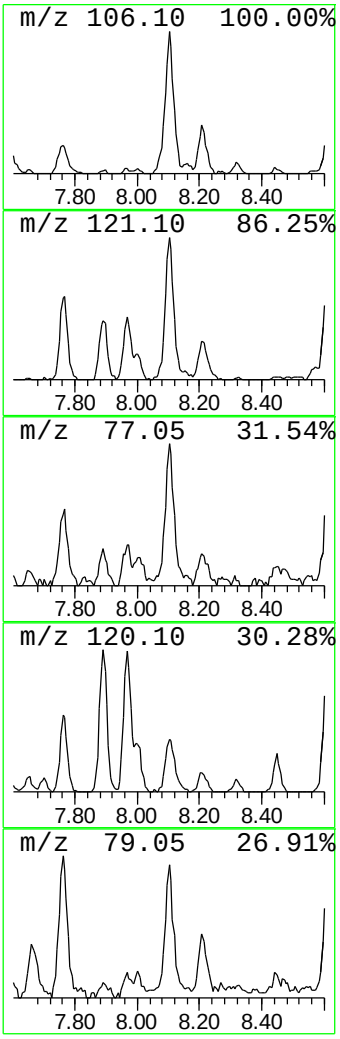
**********

Peak Number 3 Pyridine, 3-ethyl-4-methyl- Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.10 | 18.42 ng/ul | 152299 | 1,4-Dichlorobenzene-d4 | 8.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyridine, 3-ethyl-4-methyl- | 121 | C8H11N | 000529-21-5 | 94 |
| 2 | Pyridine, 5-ethyl-2-methyl- | 121 | C8H11N | 000104-90-5 | 91 |
| 3 | Pyridine, 2-ethyl-5-methyl- | 121 | C8H11N | 018113-81-0 | 91 |
| 4 | Pyridine, 2-ethyl-5-methyl- | 121 | C8H11N | 018113-81-0 | 91 |
| 5 | Benzenamine, N-ethyl- | 121 | C8H11N | 000103-69-5 | 90 |



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Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
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**Instrument :** BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

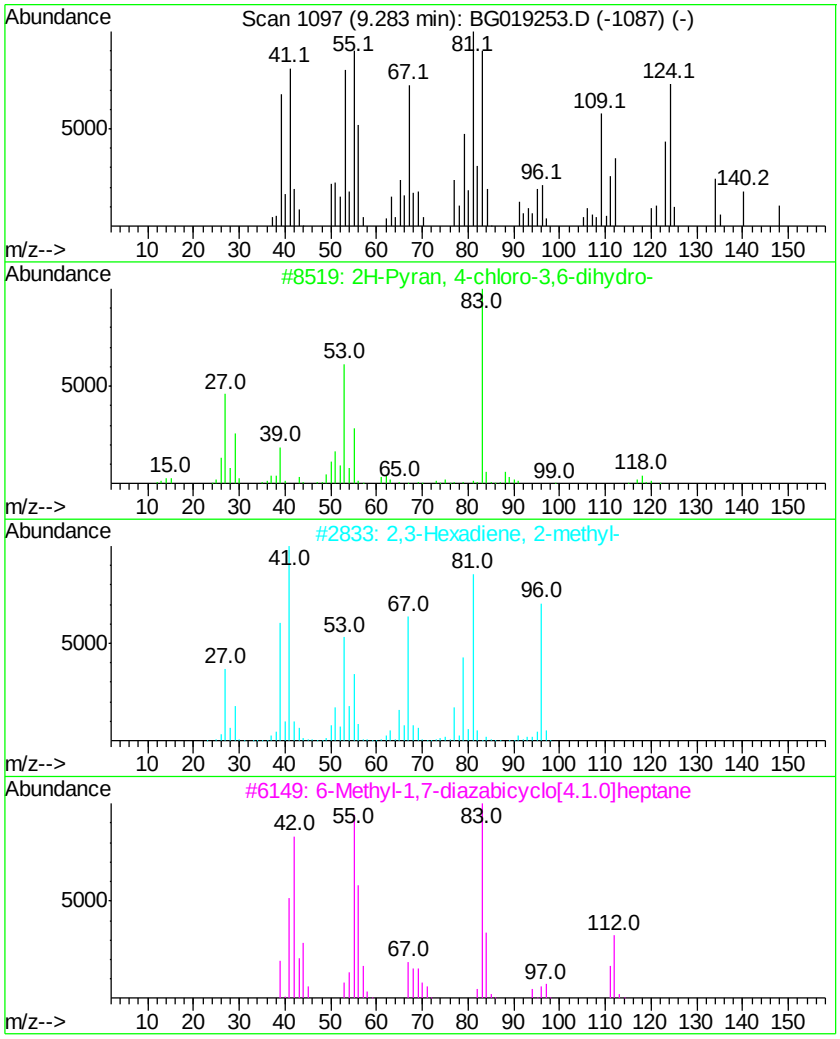
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

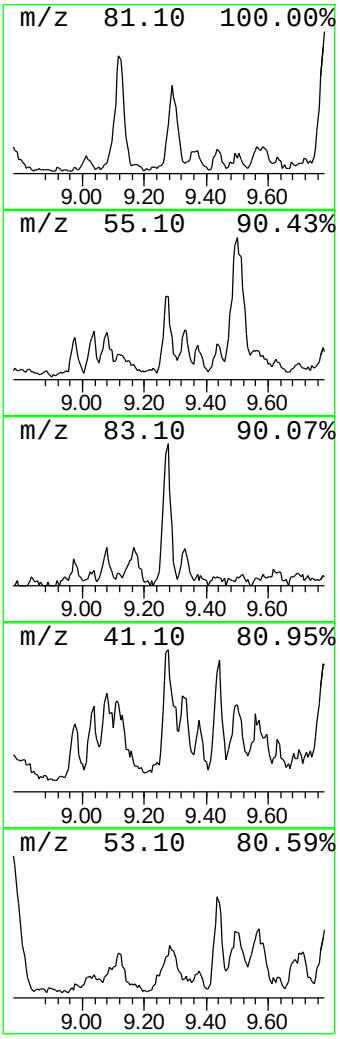
**********

Peak Number 4 unknown-01 Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.28 | 19.52 ng/ul | 161348 | 1,4-Dichlorobenzene-d4 | 8.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Pyran, 4-chloro-3,6-dihydro- | 118 | C5H7ClO | 024265-21-2 | 47 |
| 2 | 2,3-Hexadiene, 2-methyl- | 96 | C7H12 | 029212-09-7 | 42 |
| 3 | 6-Methyl-1,7-diazabicyclo[4.1.0]... | 112 | C6H12N2 | 108602-71-7 | 38 |
| 4 | 3-Methyl-2-butenoic acid, allyl ... | 140 | C8H12O2 | 051552-26-2 | 38 |
| 5 | 4-Heptyn-3-ol | 112 | C7H12O | 032398-69-9 | 27 |



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Data File : BG019253.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

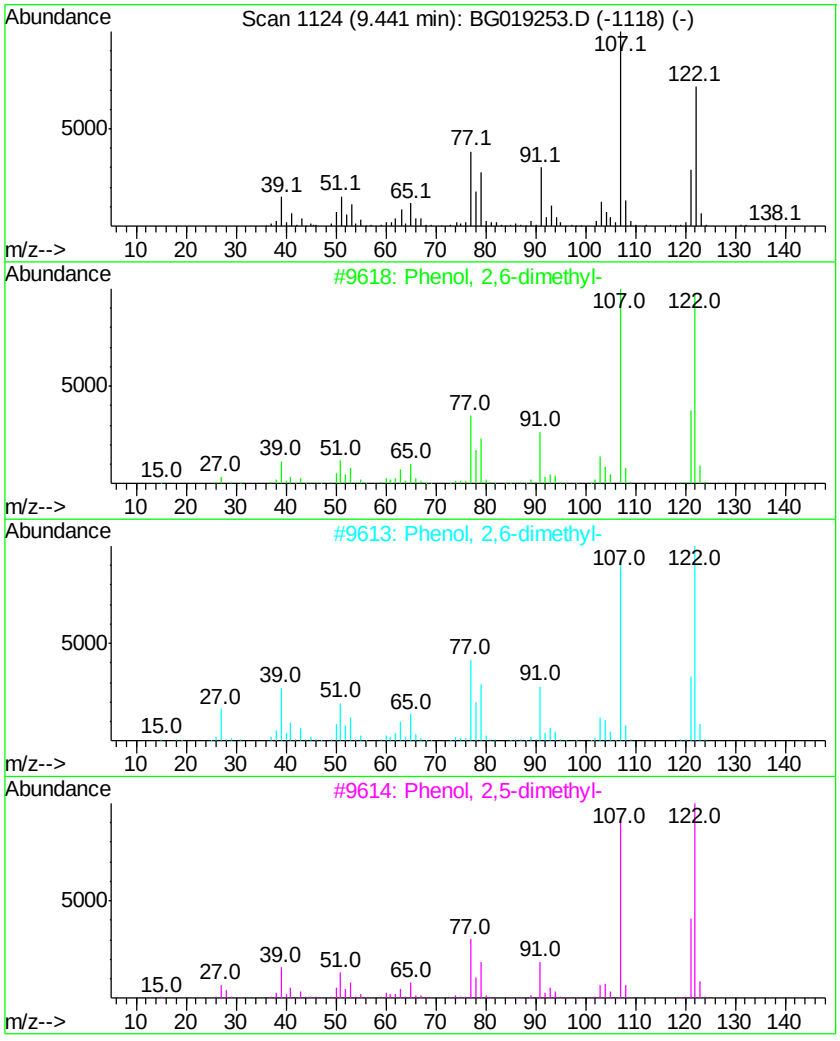
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

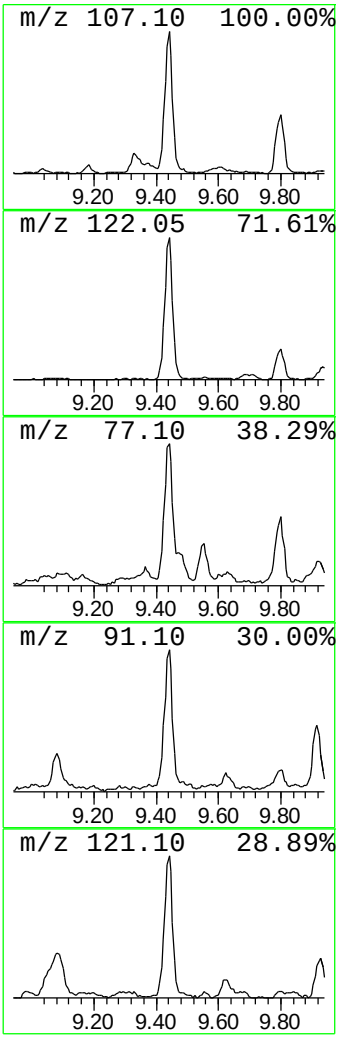
**********

Peak Number 5 Phenol, 2,6-dimethyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.44 | 22.29 ng/ul | 468133 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 96 |
| 2 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 96 |
| 3 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 95 |
| 4 | Phenol, 2,3-dimethyl- | 122 | C8H10O | 000526-75-0 | 95 |
| 5 | Phenol, 2,3-dimethyl- | 122 | C8H10O | 000526-75-0 | 95 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

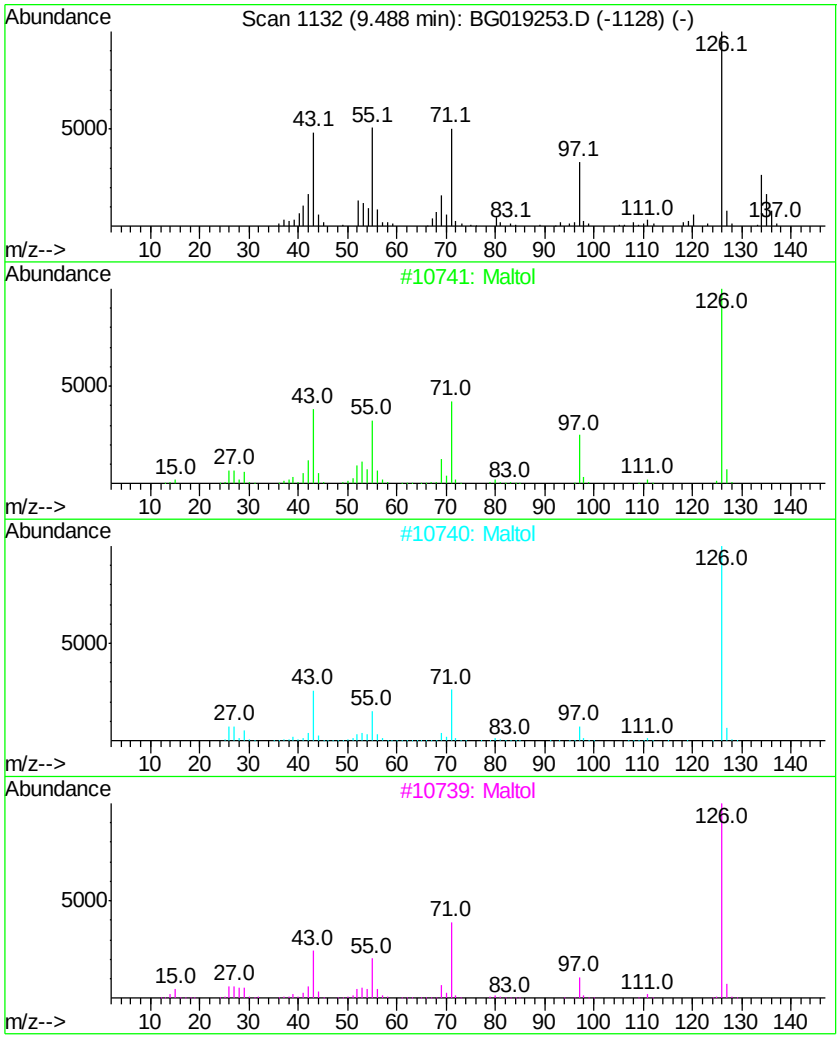
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

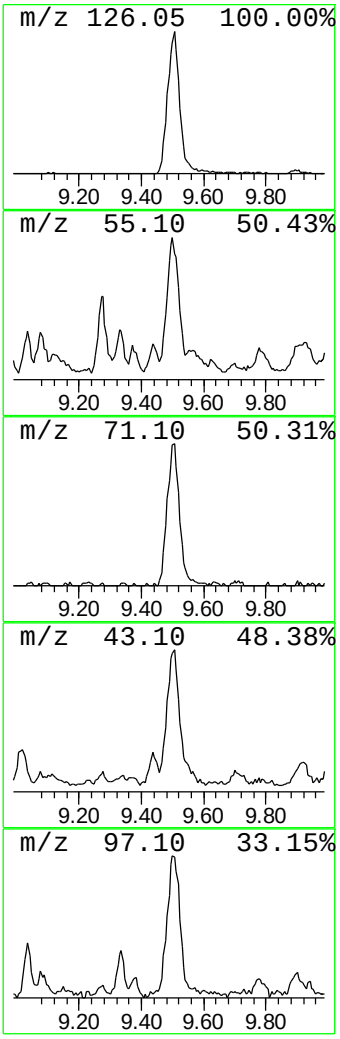
**********

Peak Number 6 Maltol Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.49 | 14.36 ng/ul | 301514 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Maltol | 126 | C6H6O3 | 000118-71-8 | 76 |
| 2 | Maltol | 126 | C6H6O3 | 000118-71-8 | 64 |
| 3 | Maltol | 126 | C6H6O3 | 000118-71-8 | 62 |
| 4 | Maltol | 126 | C6H6O3 | 000118-71-8 | 58 |
| 5 | 4,5-Diamino-6-hydroxypyrimidine | 126 | C4H6N4O | 001672-50-0 | 38 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

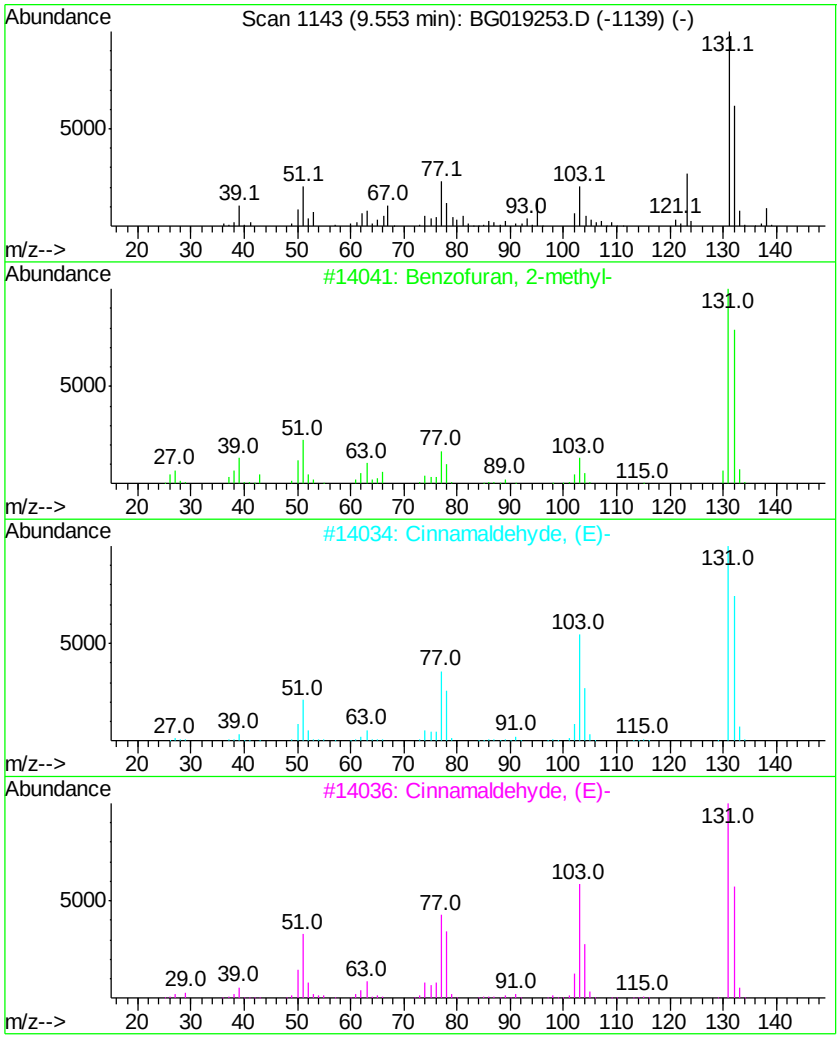
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

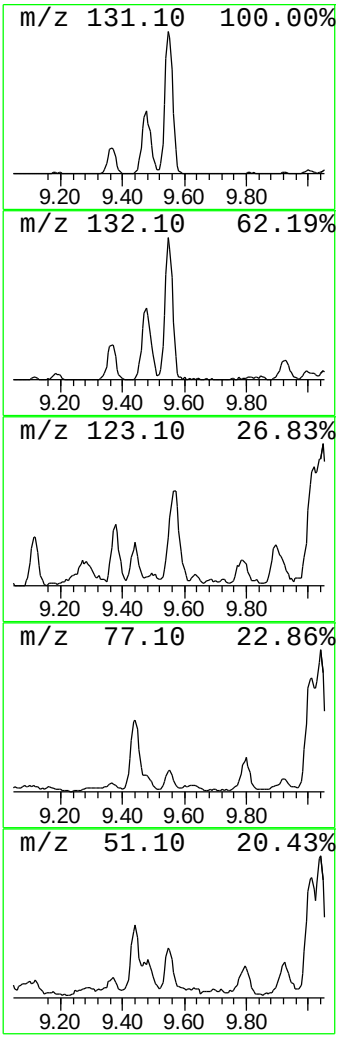
**********

Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 60

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.55 | 8.84 ng/ul | 185612 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 92 |
| 2 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 81 |
| 3 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 76 |
| 4 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 76 |
| 5 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 74 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

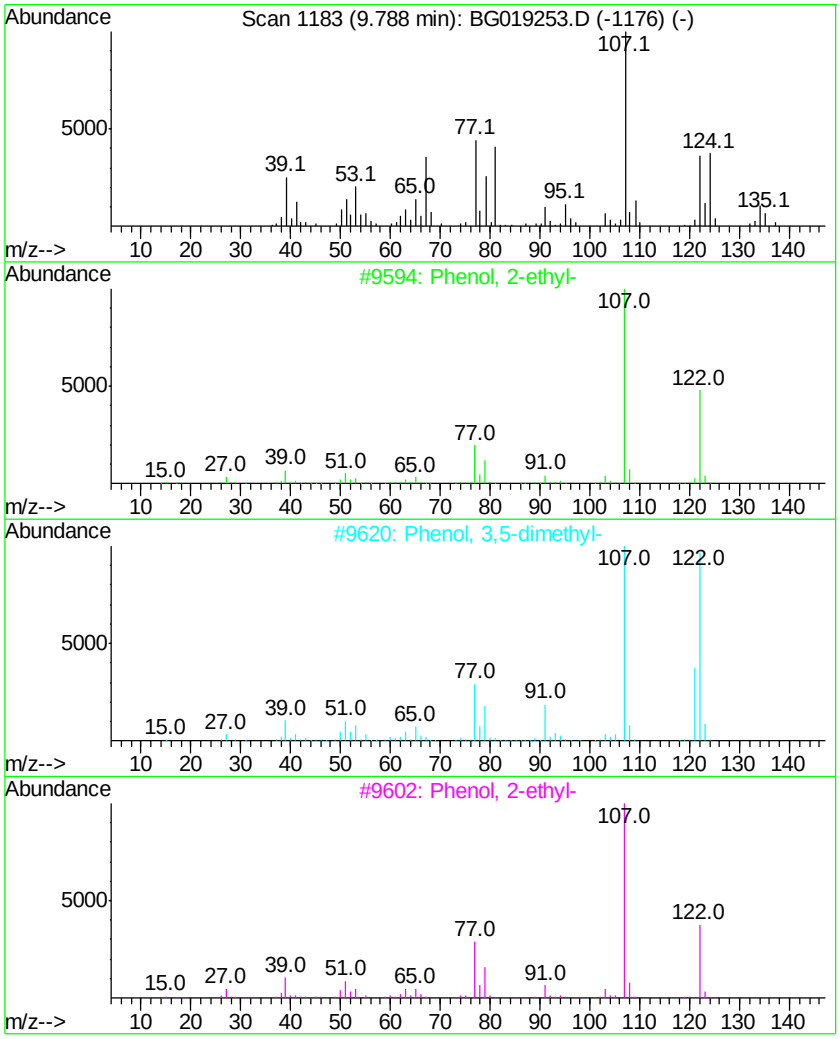
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

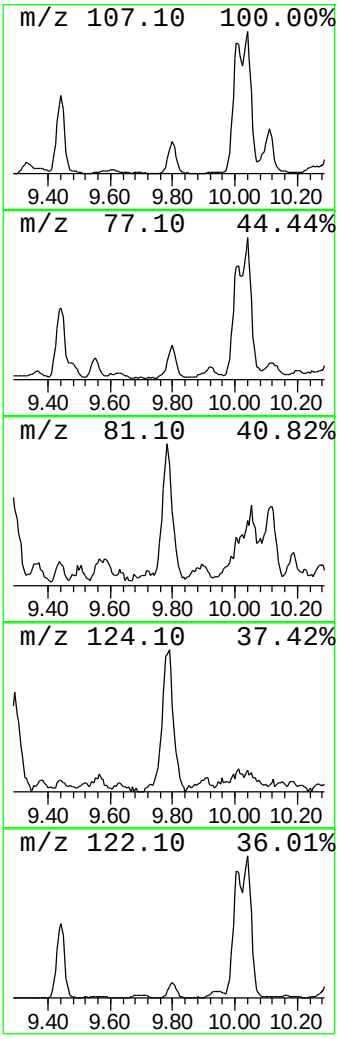
**********

Peak Number 8 Phenol, 2-ethyl- Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.79 | 12.80 ng/ul | 268800 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 86 |
| 2 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 70 |
| 3 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 70 |
| 4 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 64 |
| 5 | Phenol, 2-propyl- | 136 | C9H12O | 000644-35-9 | 60 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

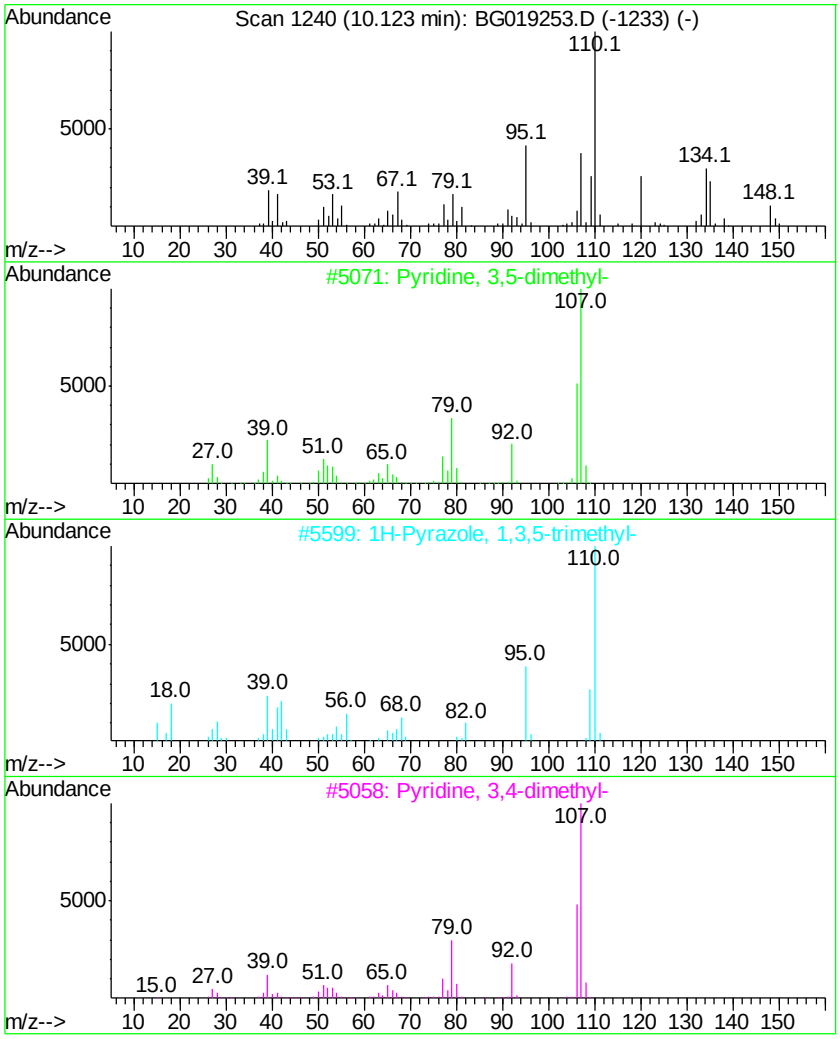
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

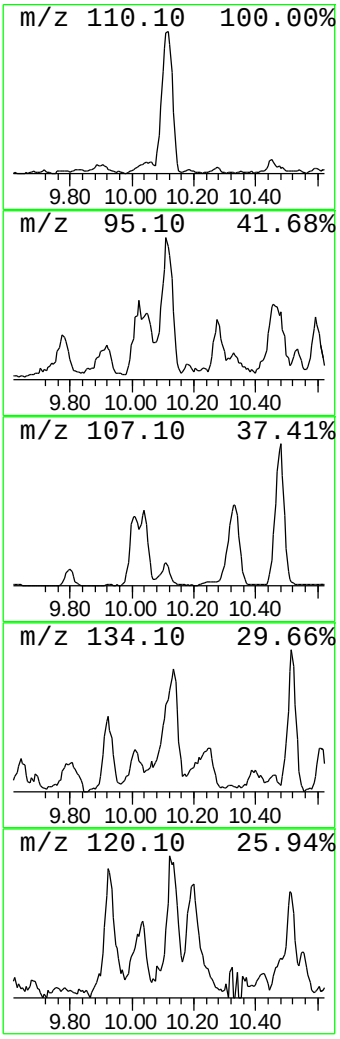
**********

Peak Number 9 unknown-02 Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.12 | 18.26 ng/ul | 383559 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyridine, 3,5-dimethyl- | 107 | C7H9N | 000591-22-0 | 38 |
| 2 | 1H-Pyrazole, 1,3,5-trimethyl- | 110 | C6H10N2 | 001072-91-9 | 38 |
| 3 | Pyridine, 3,4-dimethyl- | 107 | C7H9N | 000583-58-4 | 30 |
| 4 | 2-Methyl-6-propylpyridine | 135 | C9H13N | 005397-28-4 | 30 |
| 5 | Pyridine, 2,4-dimethyl- | 107 | C7H9N | 000108-47-4 | 30 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

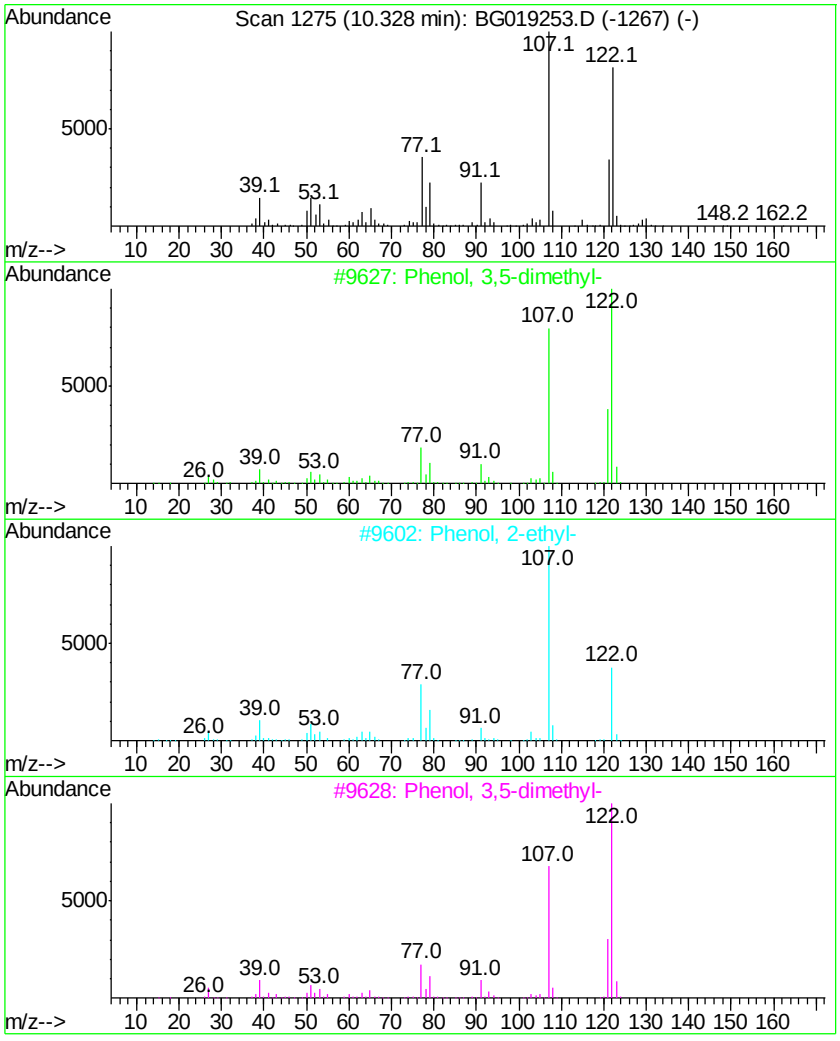
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

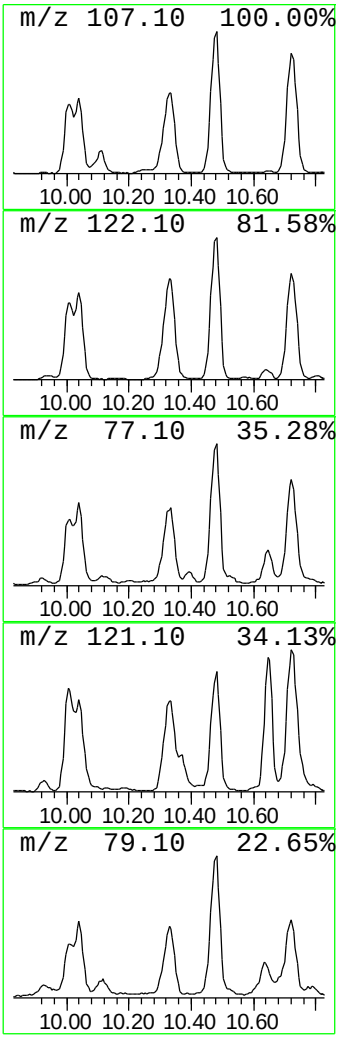
**********

Peak Number 10 Phenol, 3,5-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.33 | 56.28 ng/ul | 1181920 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 95 |
| 2 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 94 |
| 3 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 91 |
| 4 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 91 |
| 5 | Phenol, 2,4-dimethyl- | 122 | C8H10O | 000105-67-9 | 90 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

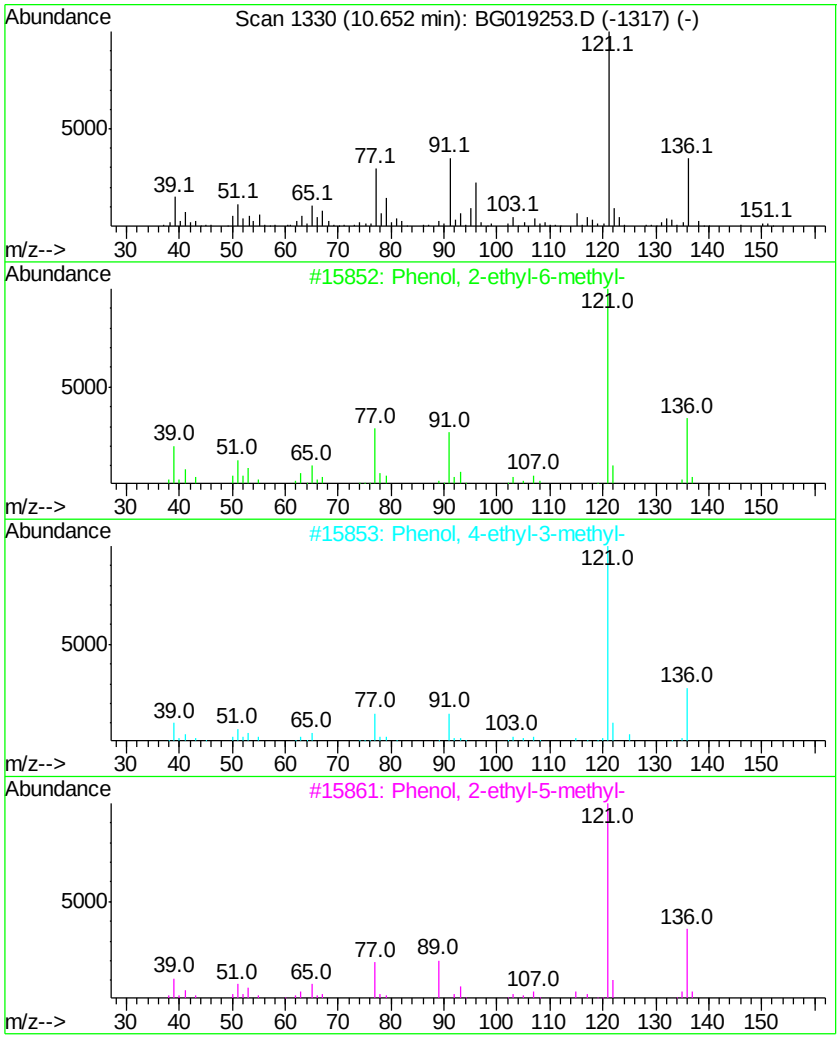
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

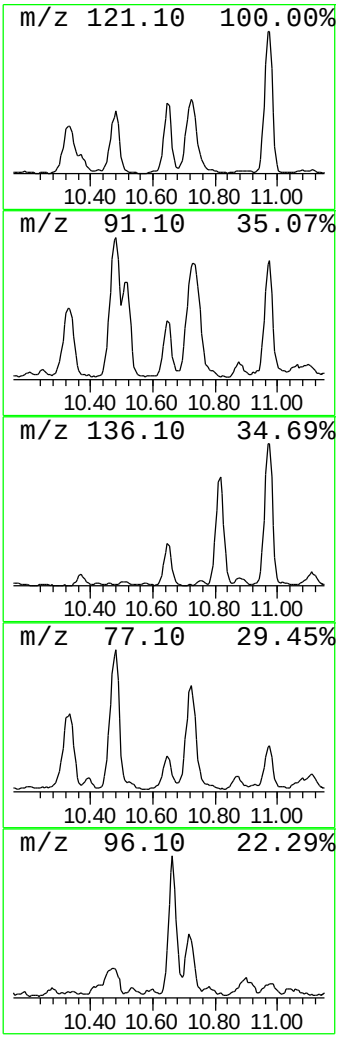
**********

Peak Number 11 Phenol, 2-ethyl-6-methyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.65 | 29.14 ng/ul | 611991 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 93 |
| 2 | Phenol, 4-ethyl-3-methyl- | 136 | C9H12O | 001123-94-0 | 64 |
| 3 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 62 |
| 4 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 58 |
| 5 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 58 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

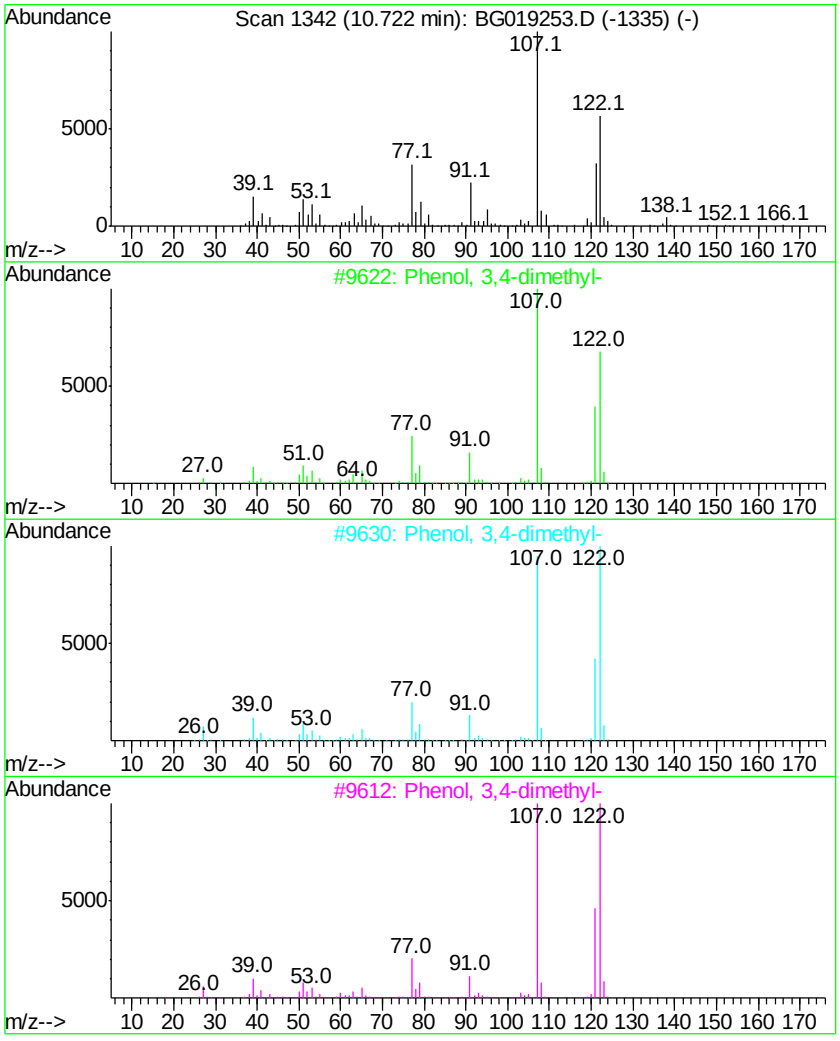
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

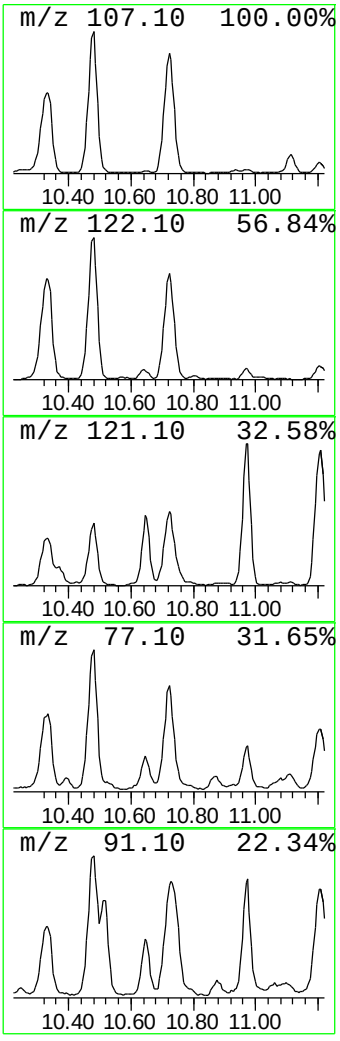
**********

Peak Number 12 Phenol, 3,4-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.72 | 74.58 ng/ul | 1566260 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 95 |
| 2 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 93 |
| 3 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 93 |
| 4 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 90 |
| 5 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 87 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

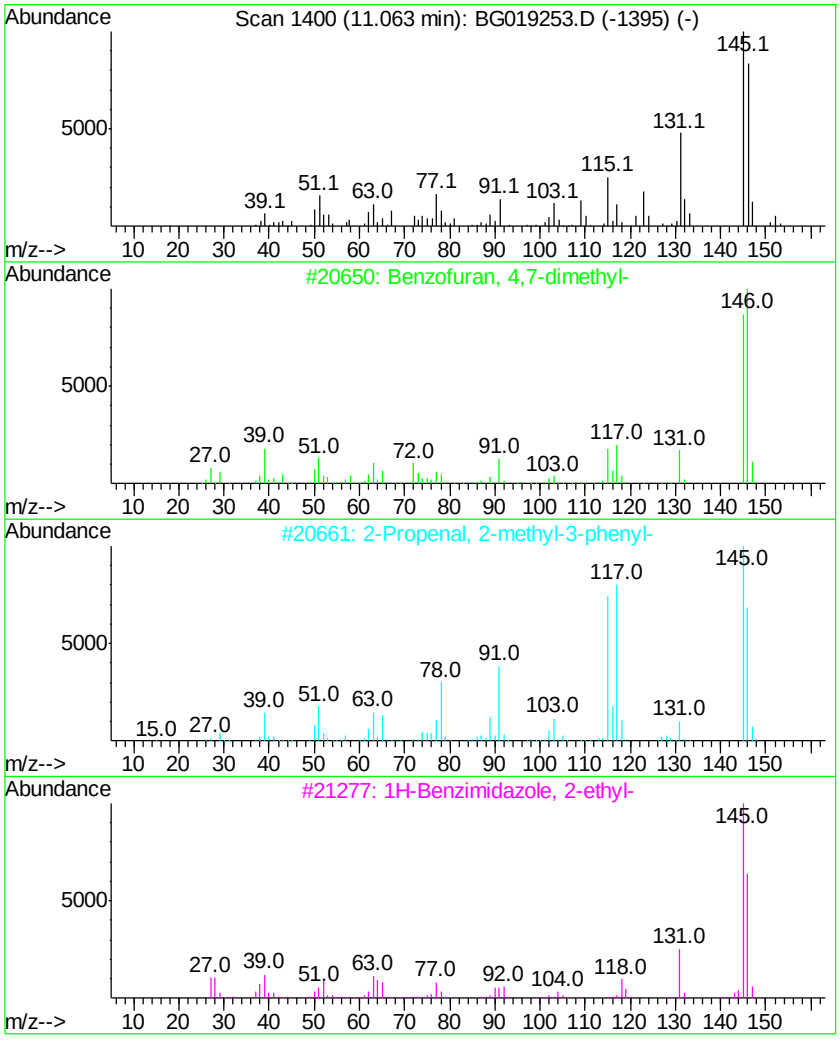
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

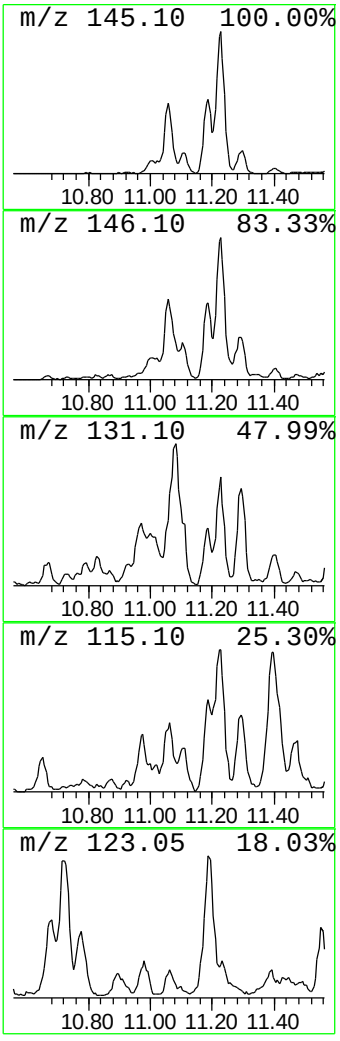
**********

Peak Number 13 Benzofuran, 4,7-dimethyl- Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.06 | 9.65 ng/ul | 202613 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 4,7-dimethyl- | 146 | C10H10O | 028715-26-6 | 50 |
| 2 | 2-Propenal, 2-methyl-3-phenyl- | 146 | C10H10O | 000101-39-3 | 50 |
| 3 | 1H-Benzimidazole, 2-ethyl- | 146 | C9H10N2 | 001848-84-6 | 50 |
| 4 | Benzonitrile, 4-(dimethylamino)- | 146 | C9H10N2 | 001197-19-9 | 47 |
| 5 | Benzonitrile, 4-(dimethylamino)- | 146 | C9H10N2 | 001197-19-9 | 47 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

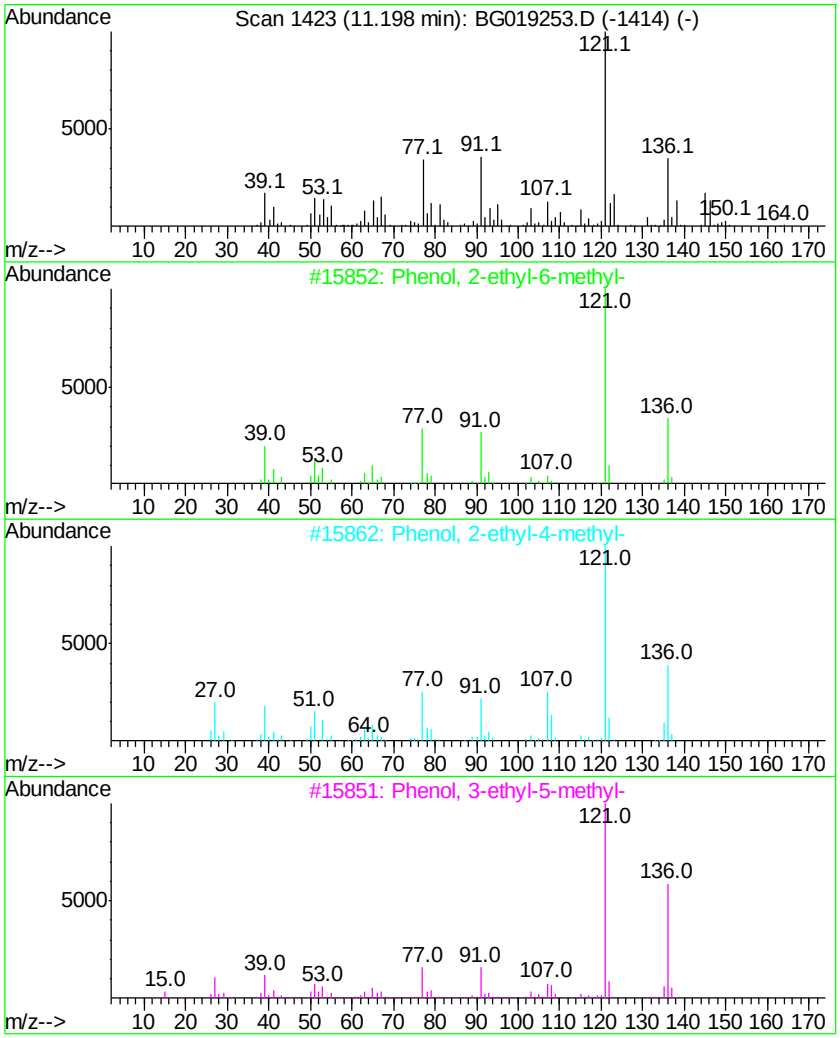
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

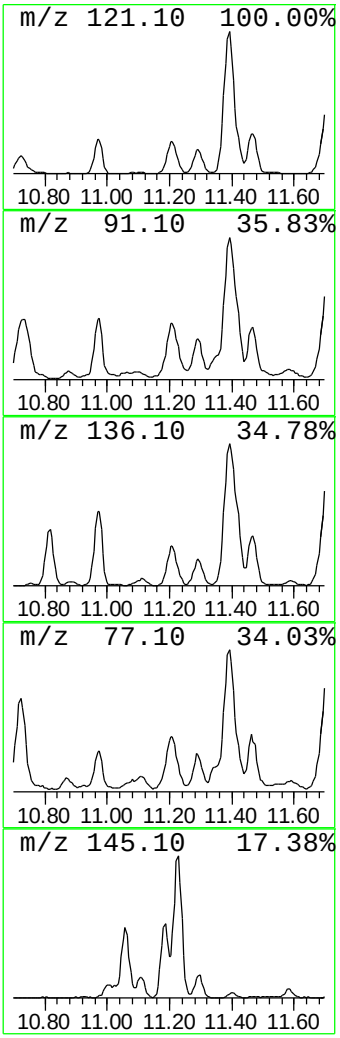
**********

Peak Number 14 Phenol, 3-ethyl-5-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.20 | 77.24 ng/ul | 1622070 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 94 |
| 2 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 70 |
| 3 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 68 |
| 4 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 68 |
| 5 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 64 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

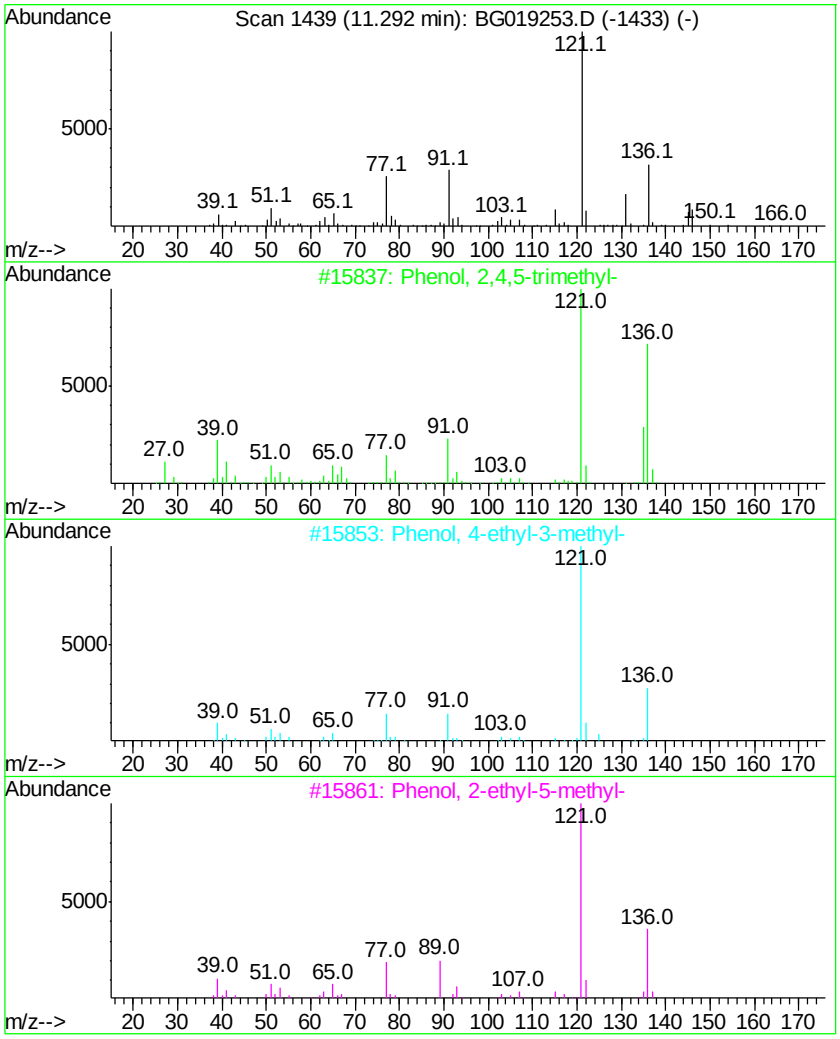
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

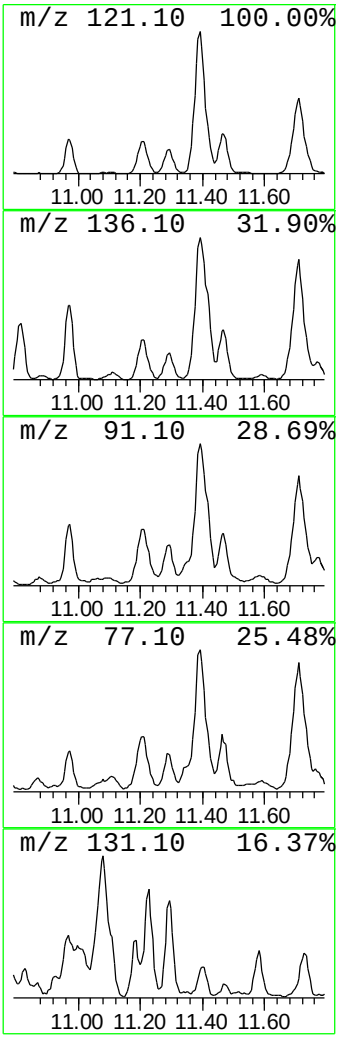
**********

Peak Number 15 Phenol, 2,4,5-trimethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.29 | 22.94 ng/ul | 481828 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,5-trimethyl- | 136 | C9H12O | 000496-78-6 | 72 |
| 2 | Phenol, 4-ethyl-3-methyl- | 136 | C9H12O | 001123-94-0 | 72 |
| 3 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 68 |
| 4 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 68 |
| 5 | Benzene, (1-methoxypropyl)- | 150 | C10H14O | 059588-12-4 | 68 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

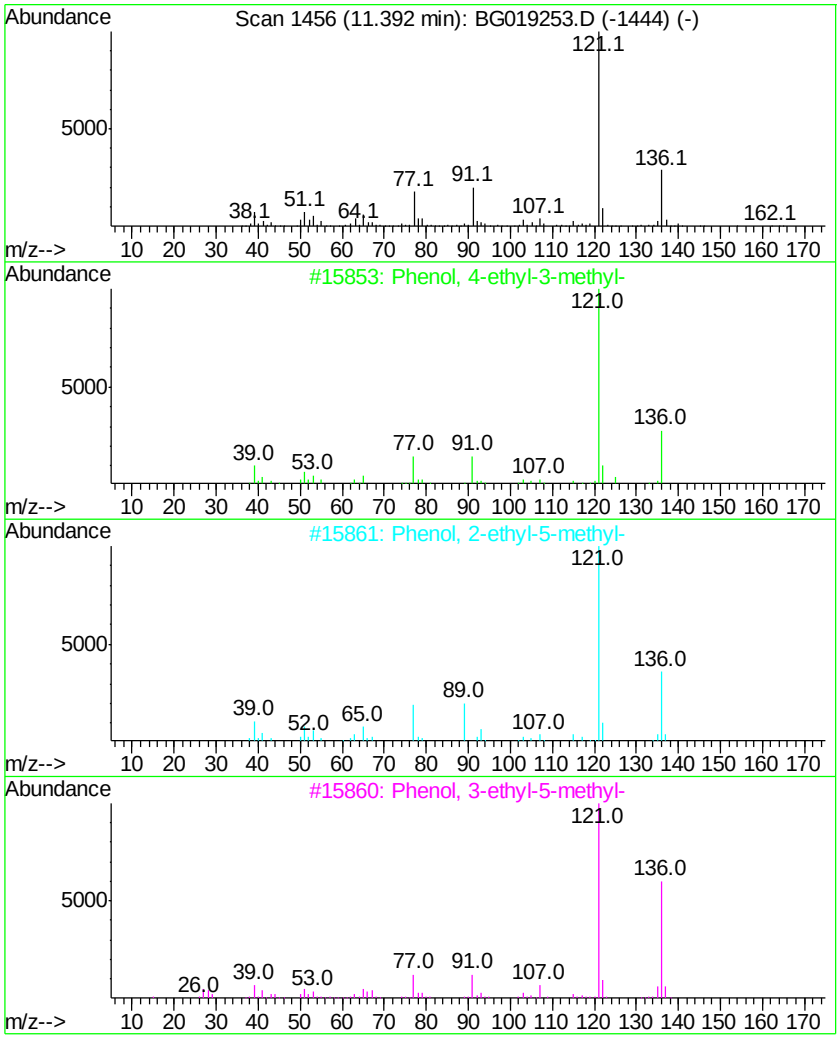
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

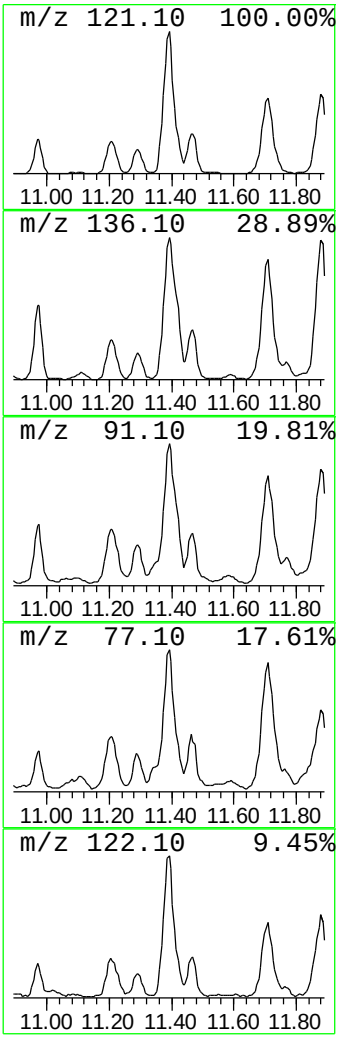
**********

Peak Number 16 Phenol, 4-ethyl-3-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.39 | 157.73 ng/ul | 3312390 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-ethyl-3-methyl- | 136 | C9H12O | 001123-94-0 | 93 |
| 2 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 91 |
| 3 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 91 |
| 4 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 90 |
| 5 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 90 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

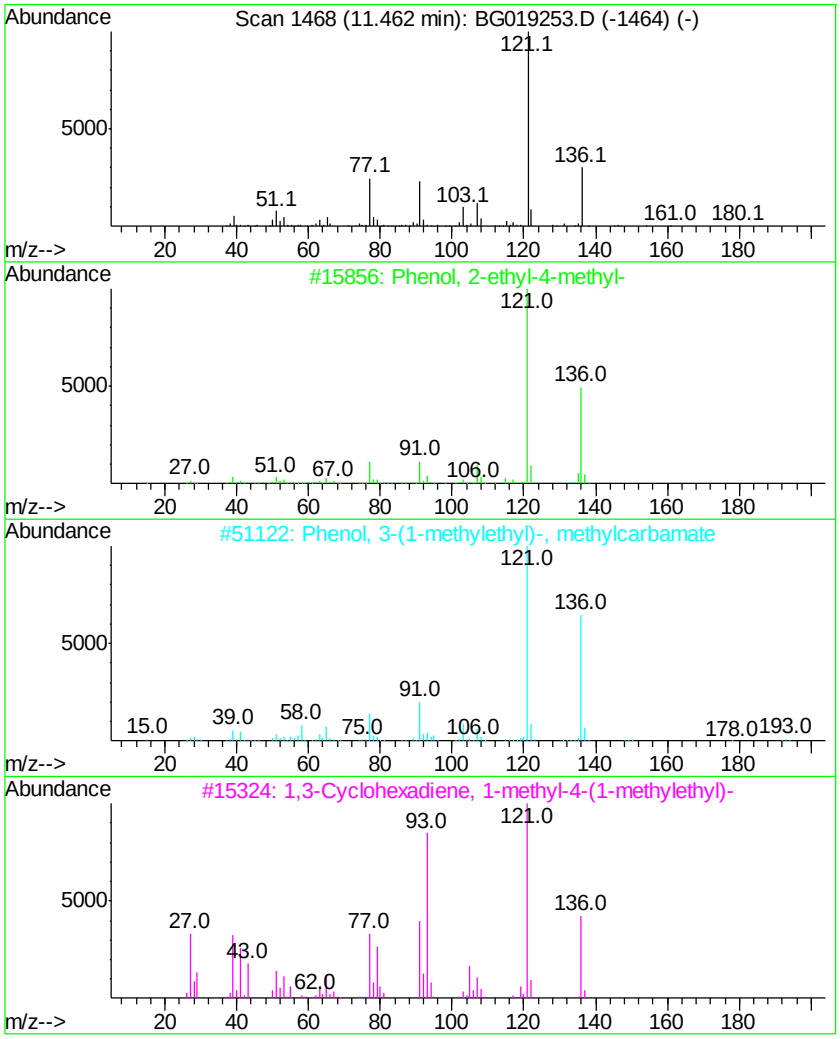
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

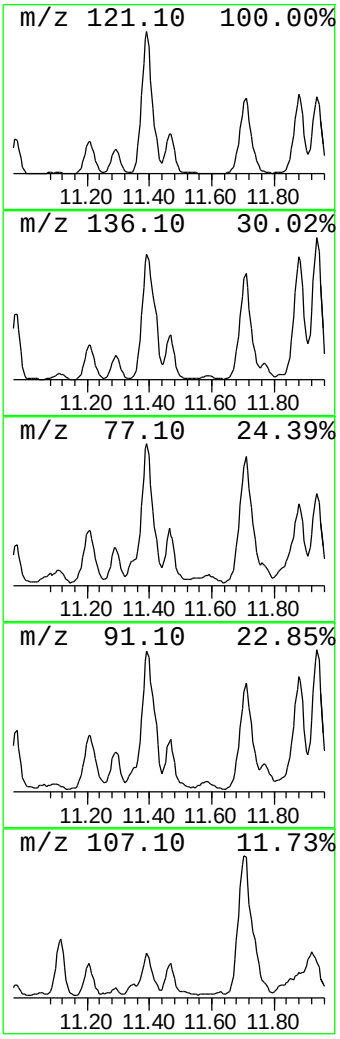
**********

Peak Number 17 Phenol, 3-(1-methylethyl)-,... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.46 | 36.31 ng/ul | 762489 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 87 |
| 2 | Phenol, 3-(1-methylethyl)-, meth... | 193 | C11H15NO2 | 000064-00-6 | 78 |
| 3 | 1,3-Cyclohexadiene, 1-methyl-4-(... | 136 | C10H16 | 000099-86-5 | 78 |
| 4 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 72 |
| 5 | Benzenamine, 2,5-dimethyl- | 121 | C8H11N | 000095-78-3 | 72 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

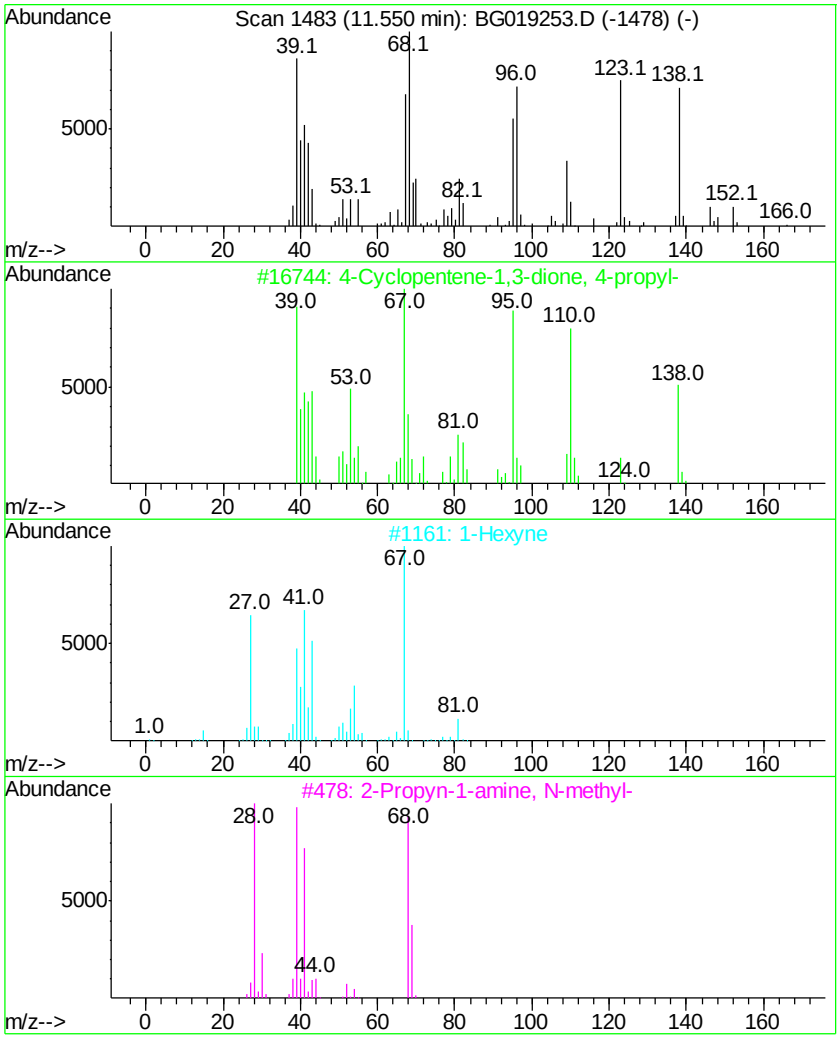
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

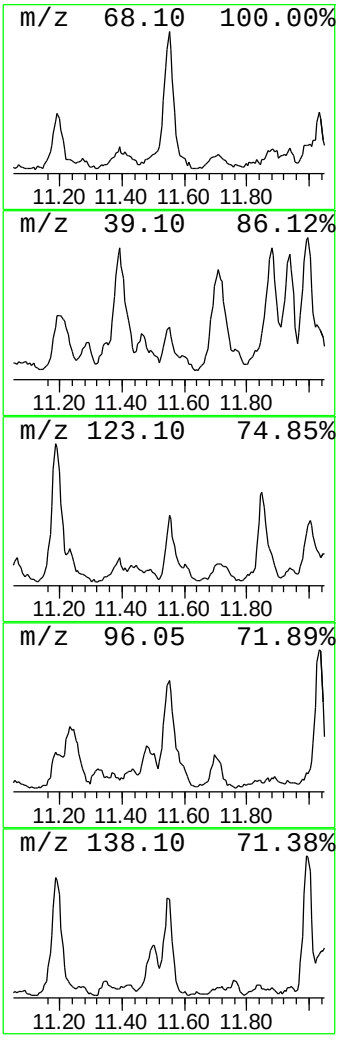
**********

Peak Number 18 4-Cyclopentene-1,3-dione, 4... Concentration Rank 64

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.55 | 7.97 ng/ul | 167287 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Cyclopentene-1,3-dione, 4-propyl- | 138 | C8H10O2 | 058940-74-2 | 62 |
| 2 | 1-Hexyne | 82 | C6H10 | 000693-02-7 | 38 |
| 3 | 2-Propyn-1-amine, N-methyl- | 69 | C4H7N | 035161-71-8 | 38 |
| 4 | 1,4-Pentadiene, 2-methyl- | 82 | C6H10 | 000763-30-4 | 35 |
| 5 | Pyrazine diazohydroxide | 124 | C4H4N4O | 103829-56-7 | 27 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

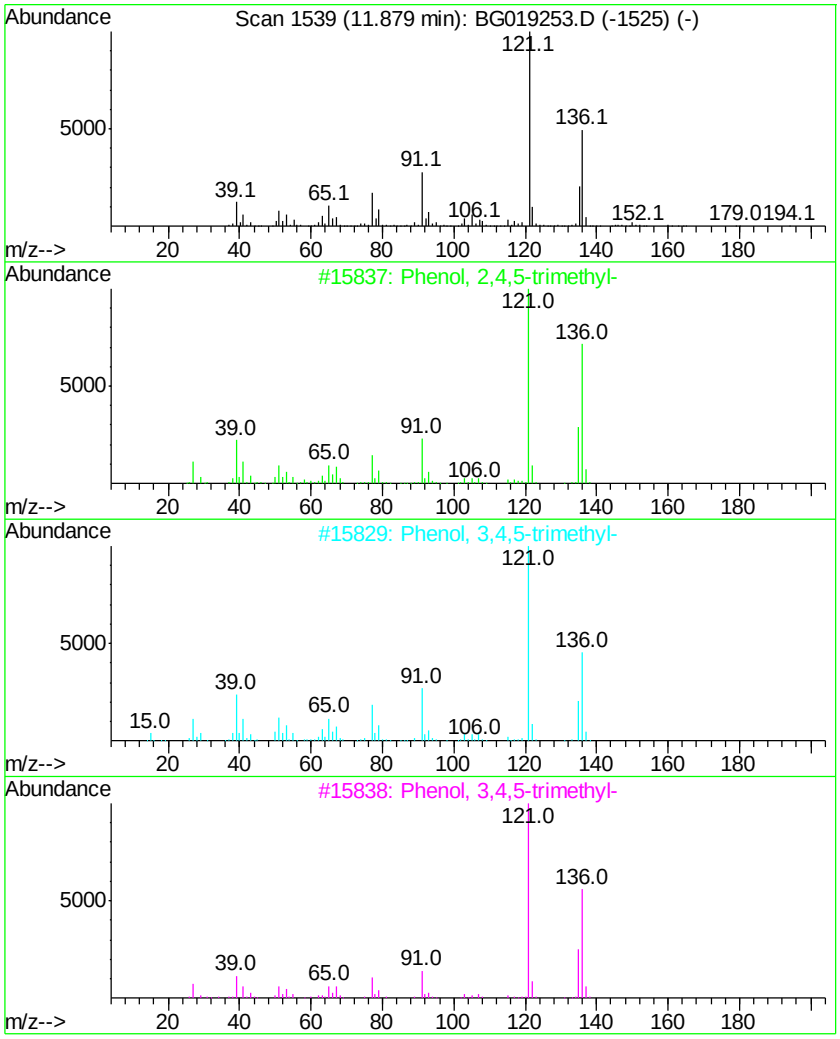
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

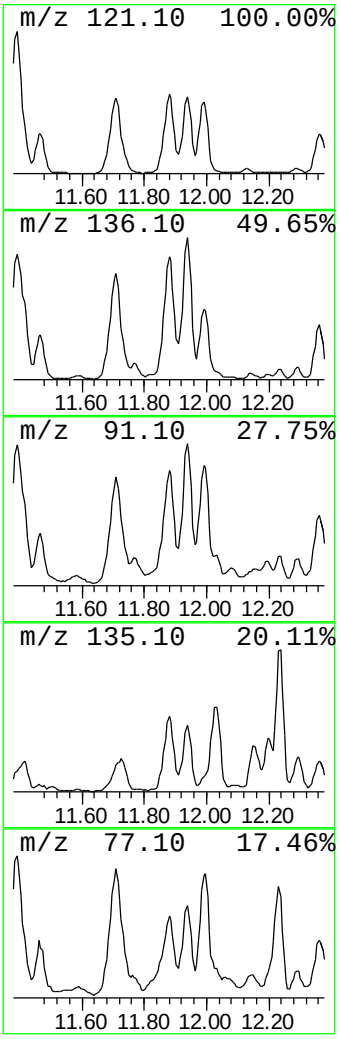
**********

Peak Number 20 Phenol, 3,4,5-trimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.88 | 115.89 ng/ul | 2433810 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,5-trimethyl- | 136 | C9H12O | 000496-78-6 | 94 |
| 2 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 94 |
| 3 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 91 |
| 4 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 86 |
| 5 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 81 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

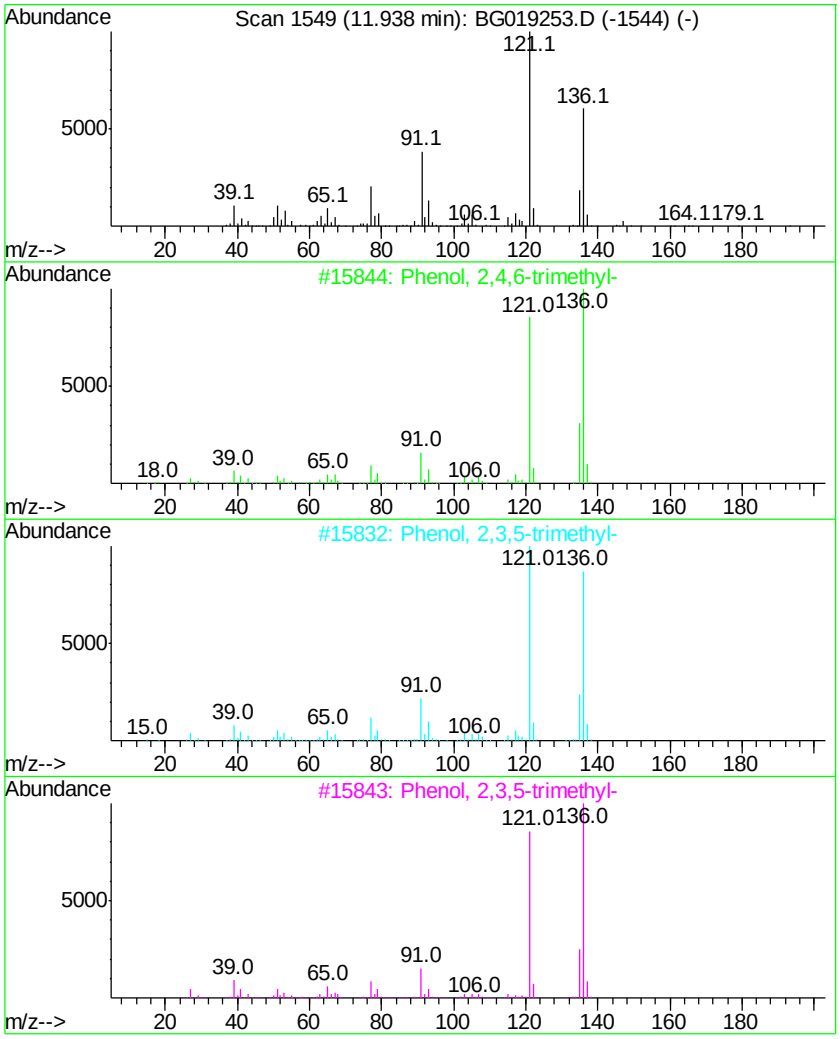
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

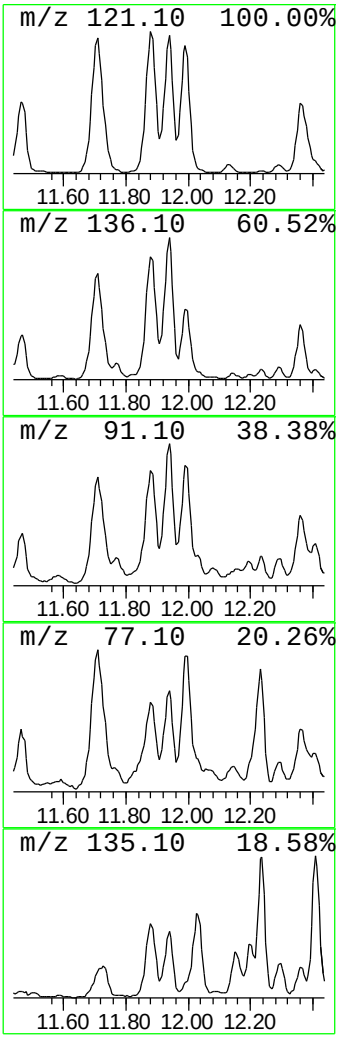
**********

Peak Number 21 Phenol, 2,4,6-trimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.94 | 65.48 ng/ul | 1375110 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 95 |
| 2 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 94 |
| 3 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 91 |
| 4 | 3,4-Dimethylanisole | 136 | C9H12O | 004685-47-6 | 91 |
| 5 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 91 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

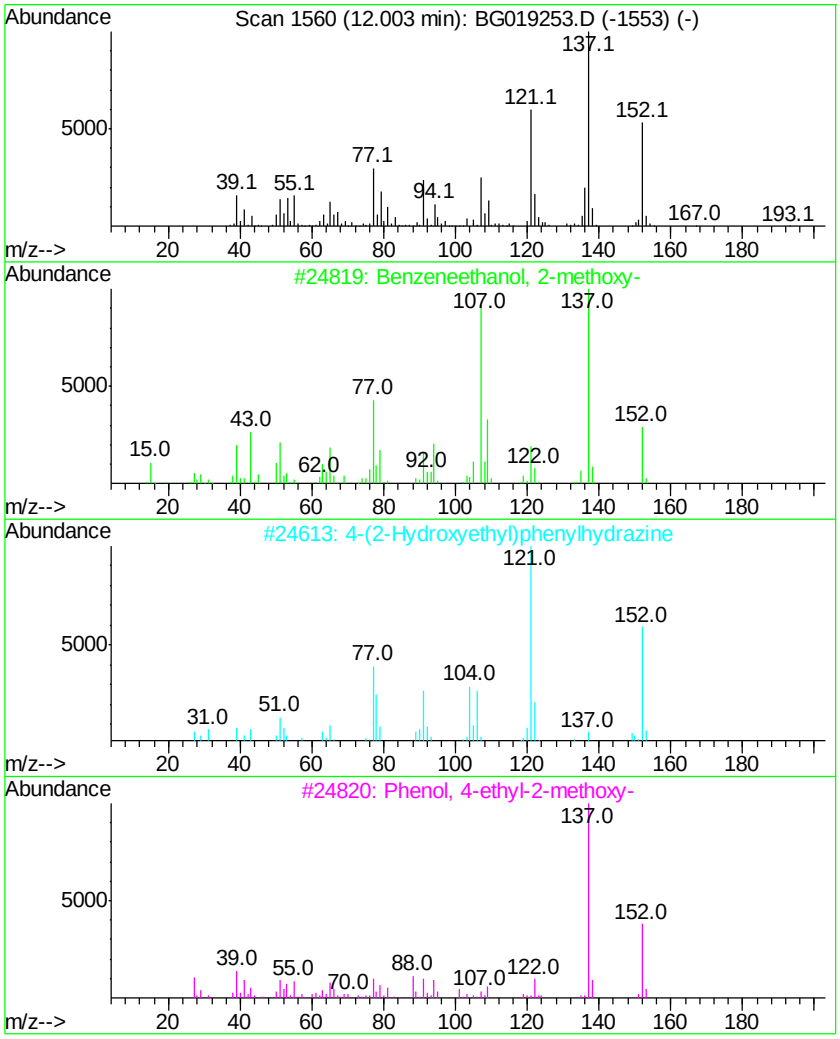
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

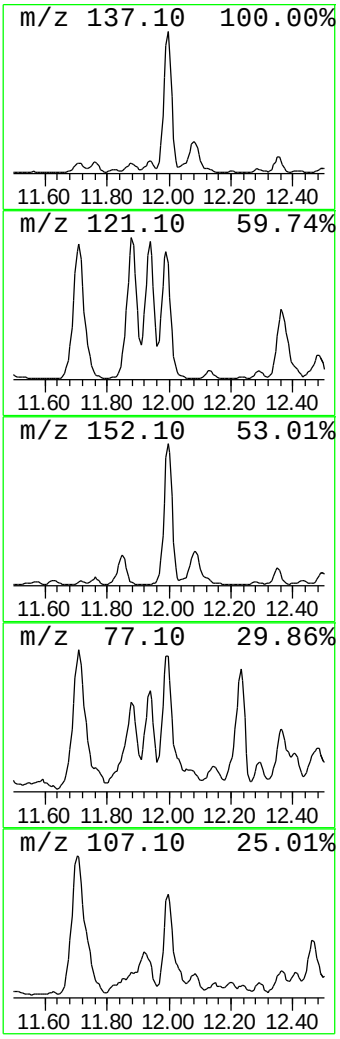
**********

Peak Number 22 unknown-03 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.00 | 85.62 ng/ul | 1798080 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneethanol, 2-methoxy- | 152 | C9H12O2 | 007417-18-7 | 47 |
| 2 | 4-(2-Hydroxyethyl)phenylhydrazine | 152 | C8H12N2O | 098489-50-0 | 46 |
| 3 | Phenol, 4-ethyl-2-methoxy- | 152 | C9H12O2 | 002785-89-9 | 46 |
| 4 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 41 |
| 5 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 41 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

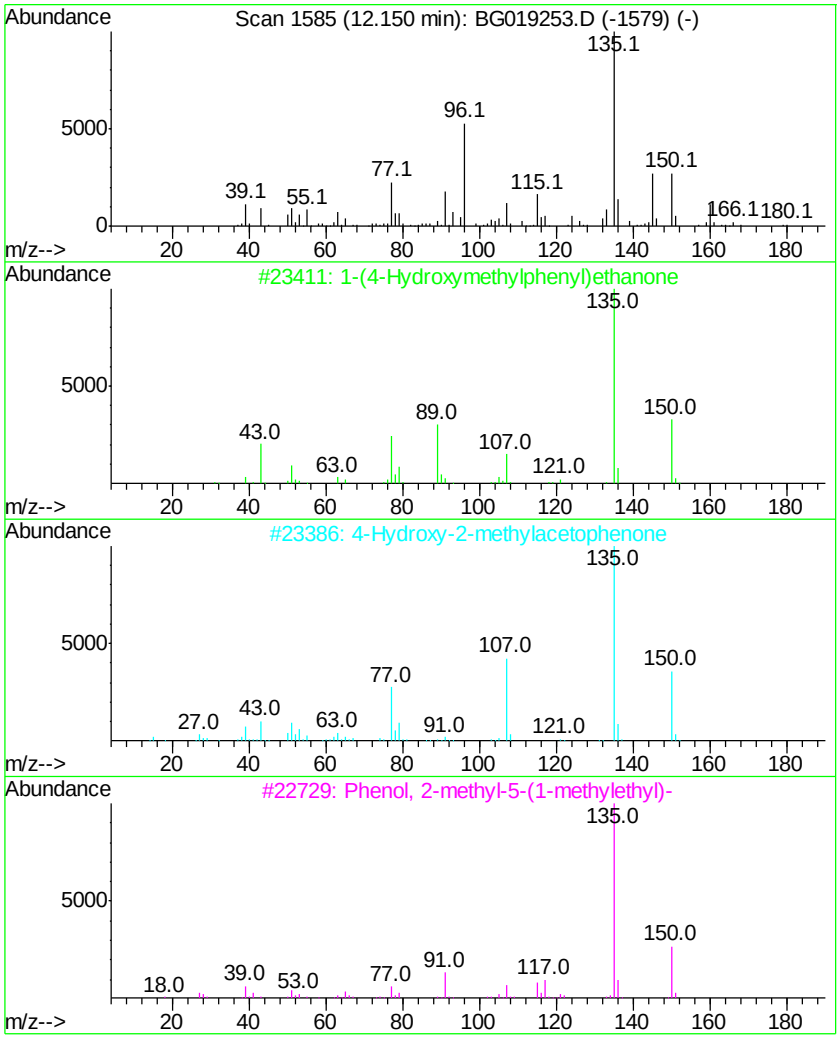
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

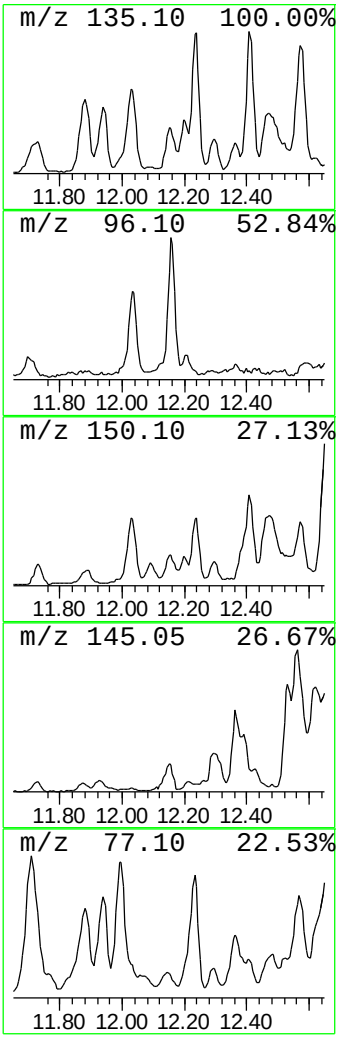
**********

Peak Number 23 unknown-04 Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.15 | 13.47 ng/ul | 282783 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-(4-Hydroxymethylphenyl)ethanone | 150 | C9H10O2 | 075633-63-5 | 49 |
| 2 | 4-Hydroxy-2-methylacetophenone | 150 | C9H10O2 | 000875-59-2 | 49 |
| 3 | Phenol, 2-methyl-5-(1-methylethyl)- | 150 | C10H14O | 000499-75-2 | 49 |
| 4 | Ethanone, 1-(2-hydroxy-5-methylp... | 150 | C9H10O2 | 001450-72-2 | 49 |
| 5 | Phenol, 2-ethyl-4,5-dimethyl- | 150 | C10H14O | 002219-78-5 | 47 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

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

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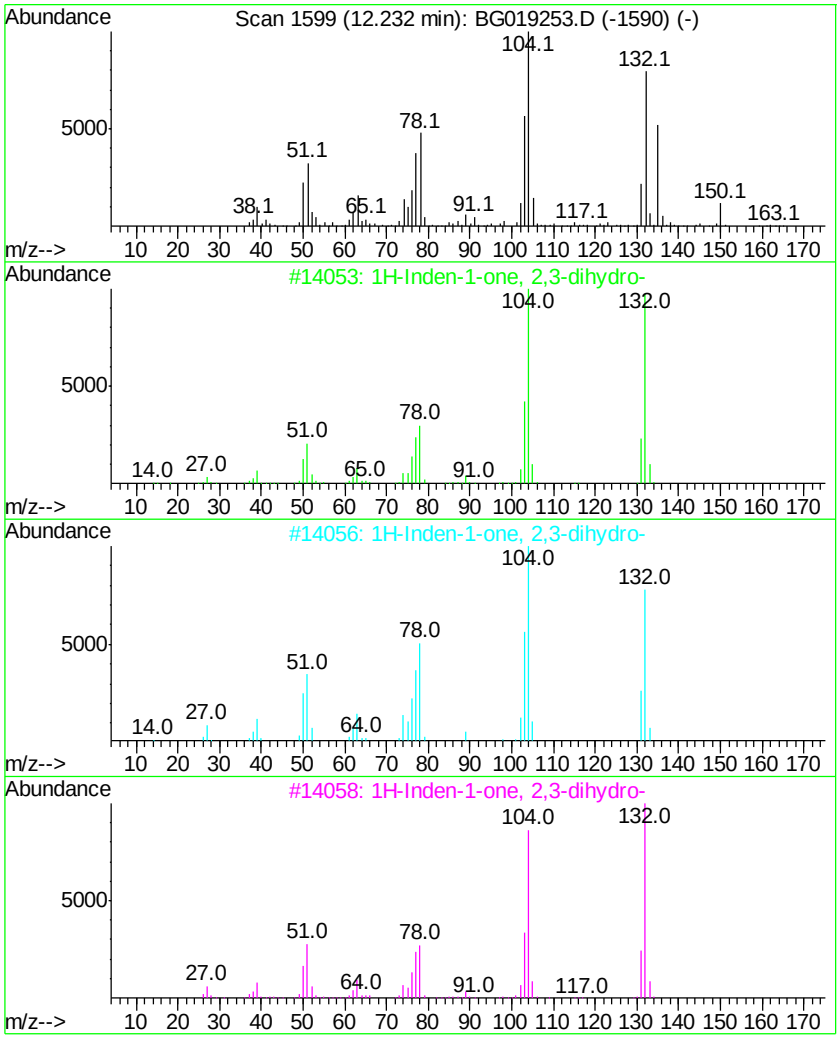
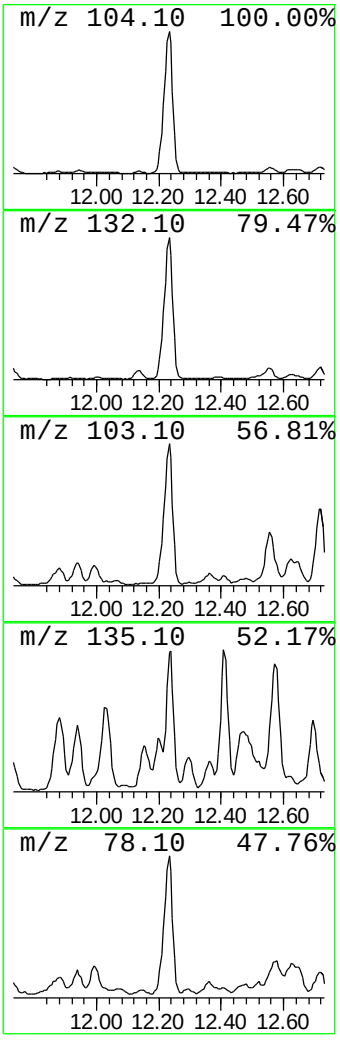
Peak Number 24 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.23 | 100.76 ng/ul | 2116040 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 96 |
| 2 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 94 |
| 3 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 89 |
| 4 | Styrene | 104 | C8H8 | 000100-42-5 | 55 |
| 5 | Styrene | 104 | C8H8 | 000100-42-5 | 55 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

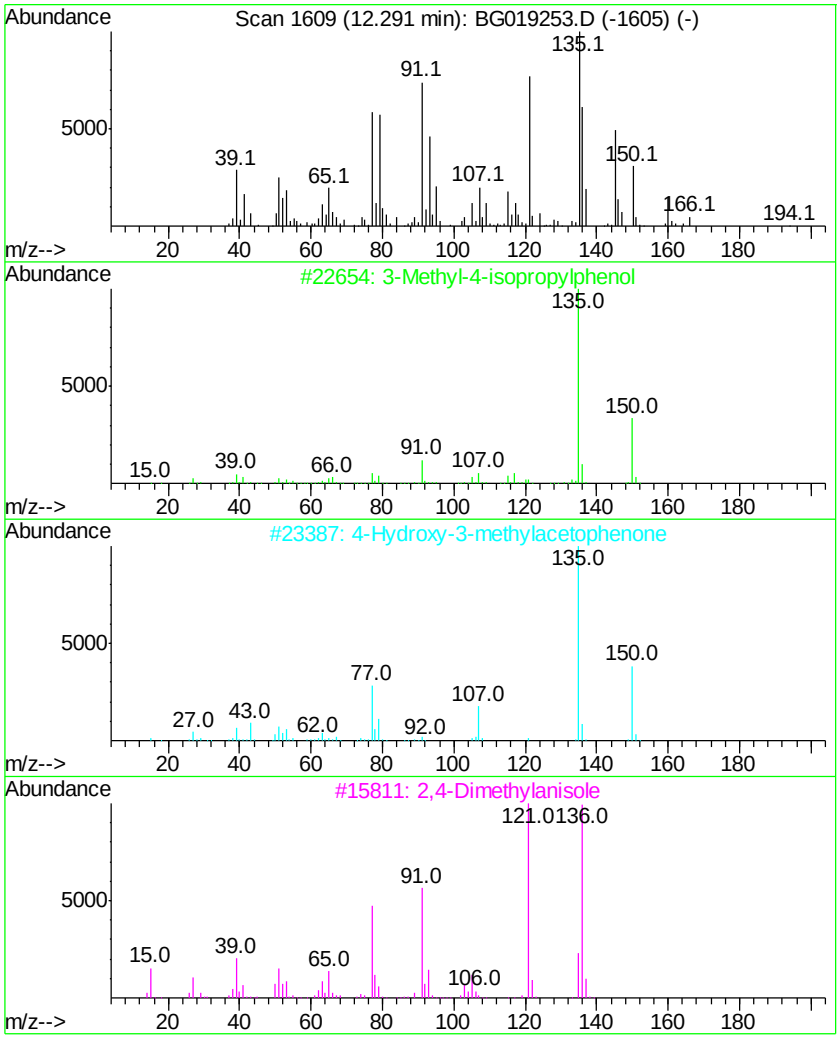
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

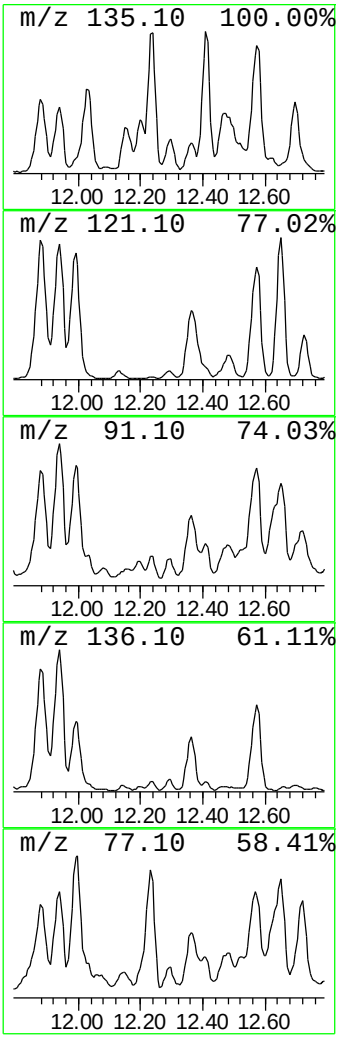
**********

Peak Number 25 unknown-05 Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.29 | 14.48 ng/ul | 304070 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methyl-4-isopropylphenol | 150 | C10H14O | 003228-02-2 | 46 |
| 2 | 4-Hydroxy-3-methylacetophenone | 150 | C9H10O2 | 000876-02-8 | 42 |
| 3 | 2,4-Dimethylanisole | 136 | C9H12O | 006738-23-4 | 42 |
| 4 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 38 |
| 5 | 2,6-Dimethylanisole | 136 | C9H12O | 001004-66-6 | 38 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

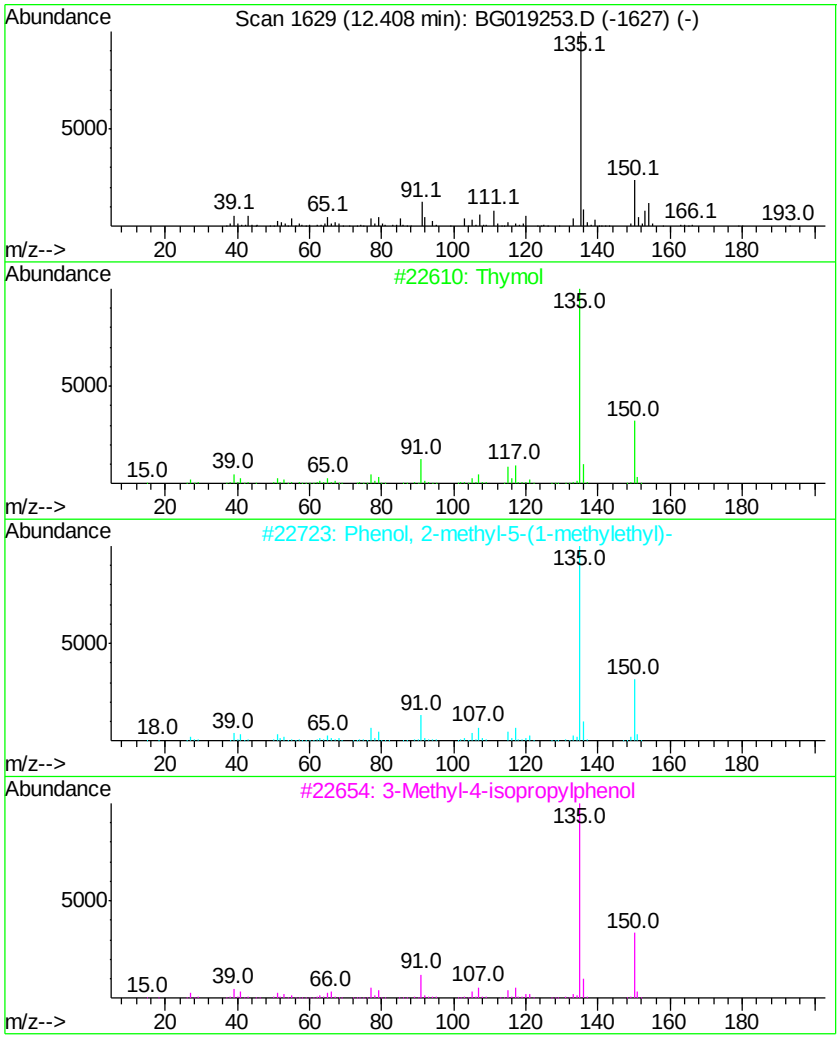
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

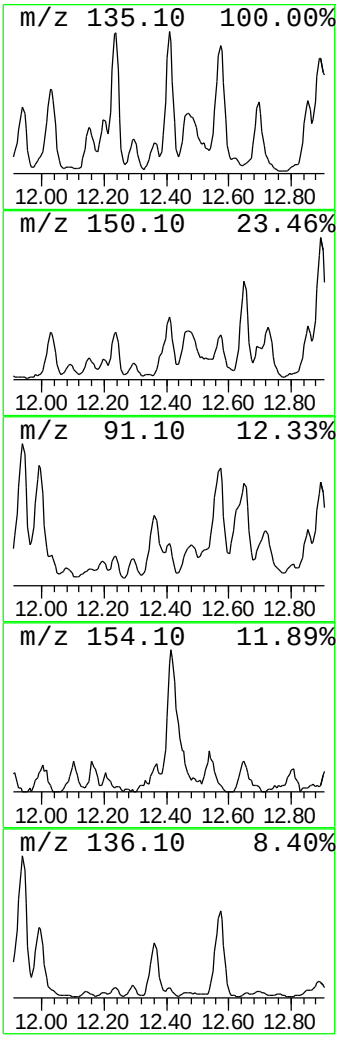
**********

Peak Number 27 Thymol Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.41 | 13.94 ng/ul | 292676 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Thymol | 150 | C10H14O | 000089-83-8 | 72 |
| 2 | Phenol, 2-methyl-5-(1-methylethyl)- | 150 | C10H14O | 000499-75-2 | 72 |
| 3 | 3-Methyl-4-isopropylphenol | 150 | C10H14O | 003228-02-2 | 72 |
| 4 | Thymol | 150 | C10H14O | 000089-83-8 | 72 |
| 5 | Phenol, 2-methyl-5-(1-methylethyl)- | 150 | C10H14O | 000499-75-2 | 64 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

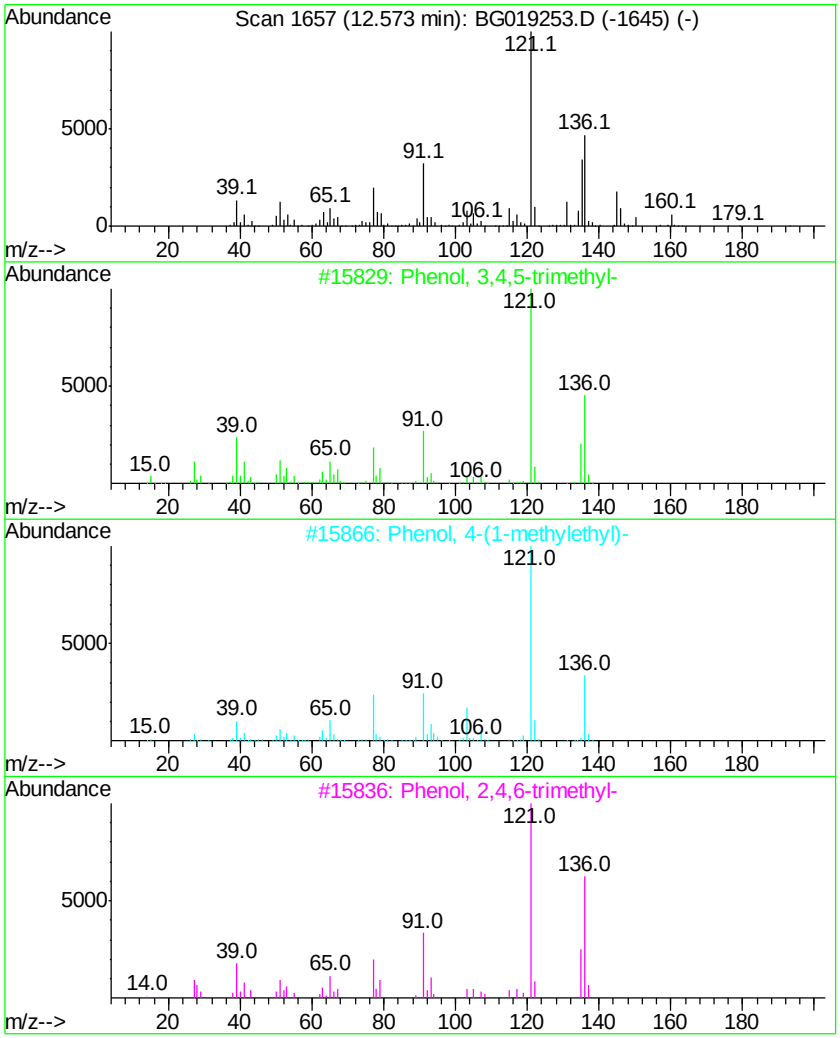
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

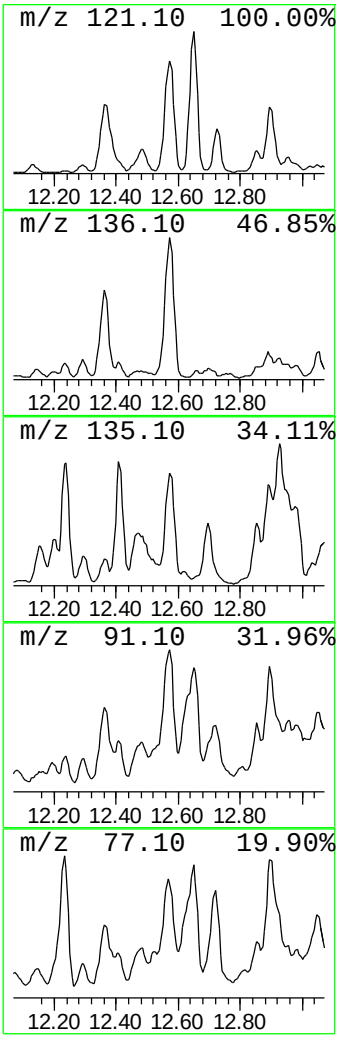
**********

Peak Number 28 Phenol, 4-(1-methylethyl)- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.57 | 108.50 ng/ul | 2278540 | Naphthalene-d8 | 10.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 58 |
| 2 | Phenol, 4-(1-methylethyl)- | 136 | C9H12O | 000099-89-8 | 52 |
| 3 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 50 |
| 4 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 49 |
| 5 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 49 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

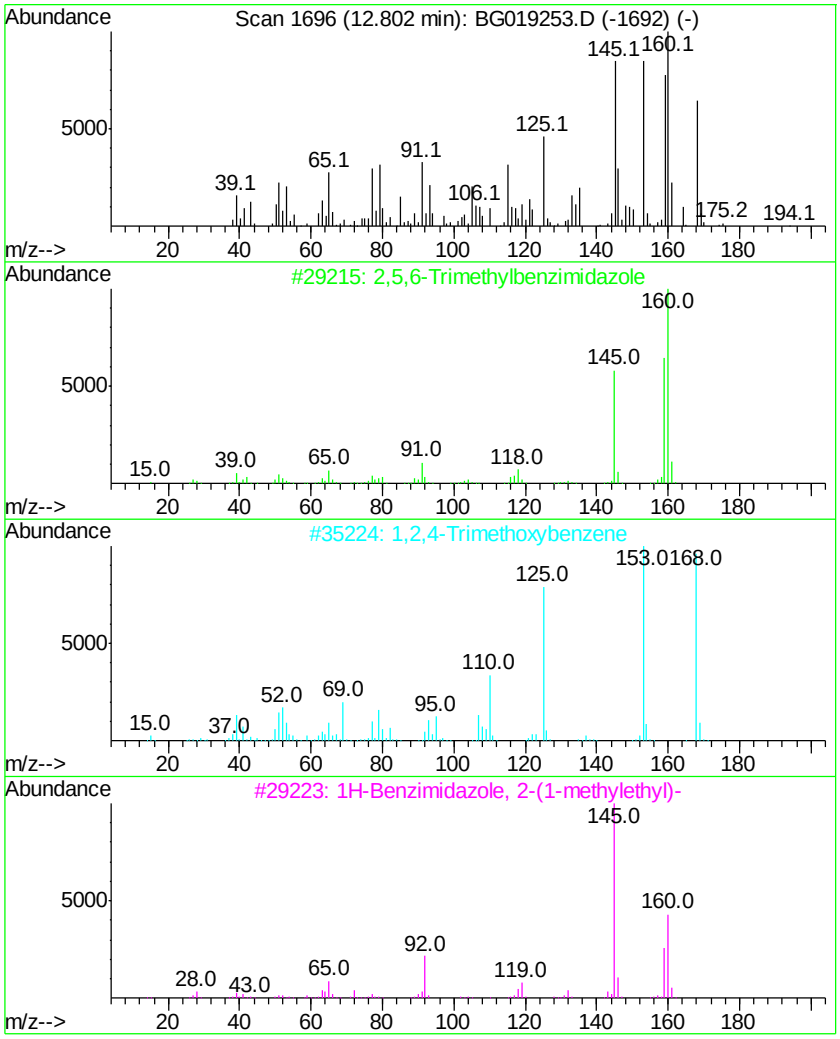
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

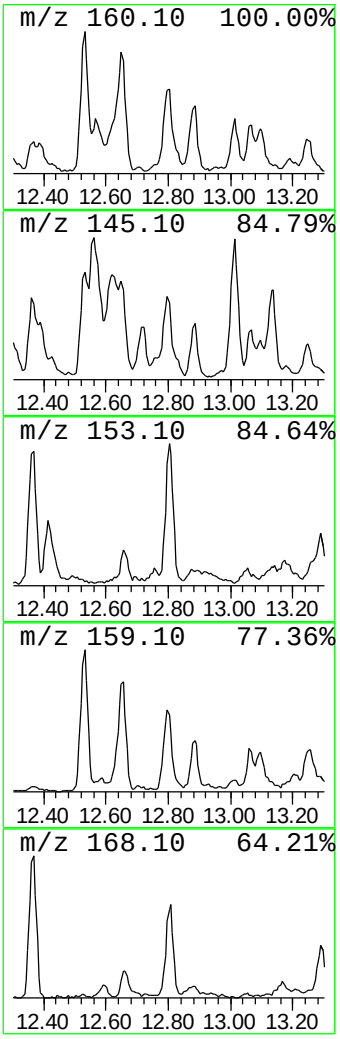
**********

Peak Number 29 unknown-06 Concentration Rank 70

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.80 | 4.85 ng/ul | 289099 | Acenaphthene-d10 | 14.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,5,6-Trimethylbenzimidazole | 160 | C10H12N2 | 003363-56-2 | 46 |
| 2 | 1,2,4-Trimethoxybenzene | 168 | C9H12O3 | 000135-77-3 | 38 |
| 3 | 1H-Benzimidazole, 2-(1-methyleth... | 160 | C10H12N2 | 005851-43-4 | 35 |
| 4 | 1,2,4-Trimethoxybenzene | 168 | C9H12O3 | 000135-77-3 | 25 |
| 5 | Benzene, 1-(1-methylethenyl)-4-(... | 160 | C12H16 | 002388-14-9 | 25 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

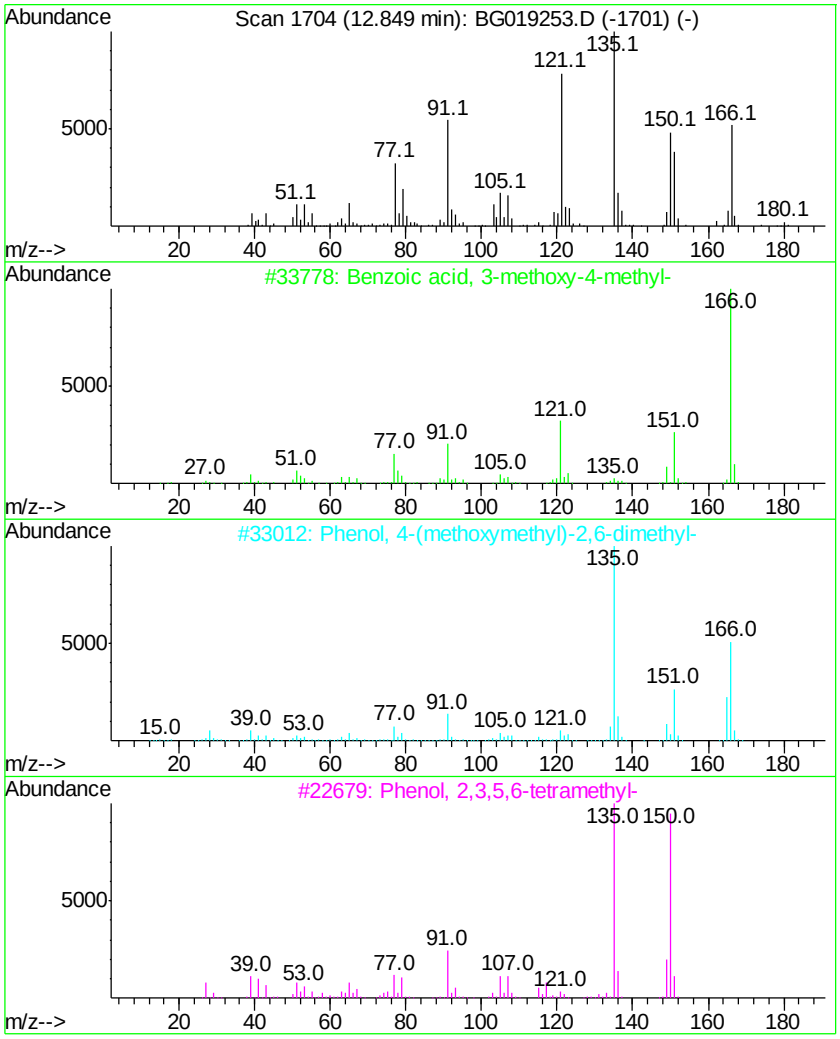
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

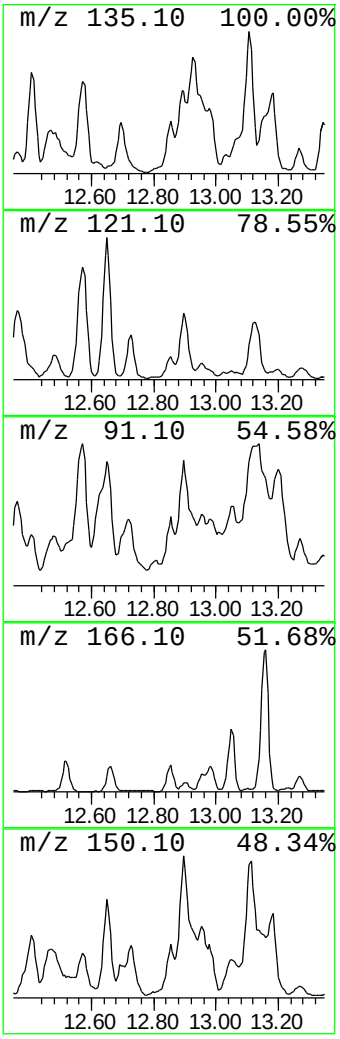
**********

Peak Number 30 Benzoic acid, 3-methoxy-4-m... Concentration Rank 67

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.85 | 5.95 ng/ul | 354779 | Acenaphthene-d10 | 14.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 3-methoxy-4-methyl- | 166 | C9H10O3 | 007151-68-0 | 55 |
| 2 | Phenol, 4-(methoxymethyl)-2,6-di... | 166 | C10H14O2 | 005048-02-2 | 46 |
| 3 | Phenol, 2,3,5,6-tetramethyl- | 150 | C10H14O | 000527-35-5 | 43 |
| 4 | 4-Hydroxy-3-methylacetophenone | 150 | C9H10O2 | 000876-02-8 | 41 |
| 5 | 4-Hydroxy-3-methylacetophenone | 150 | C9H10O2 | 000876-02-8 | 41 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

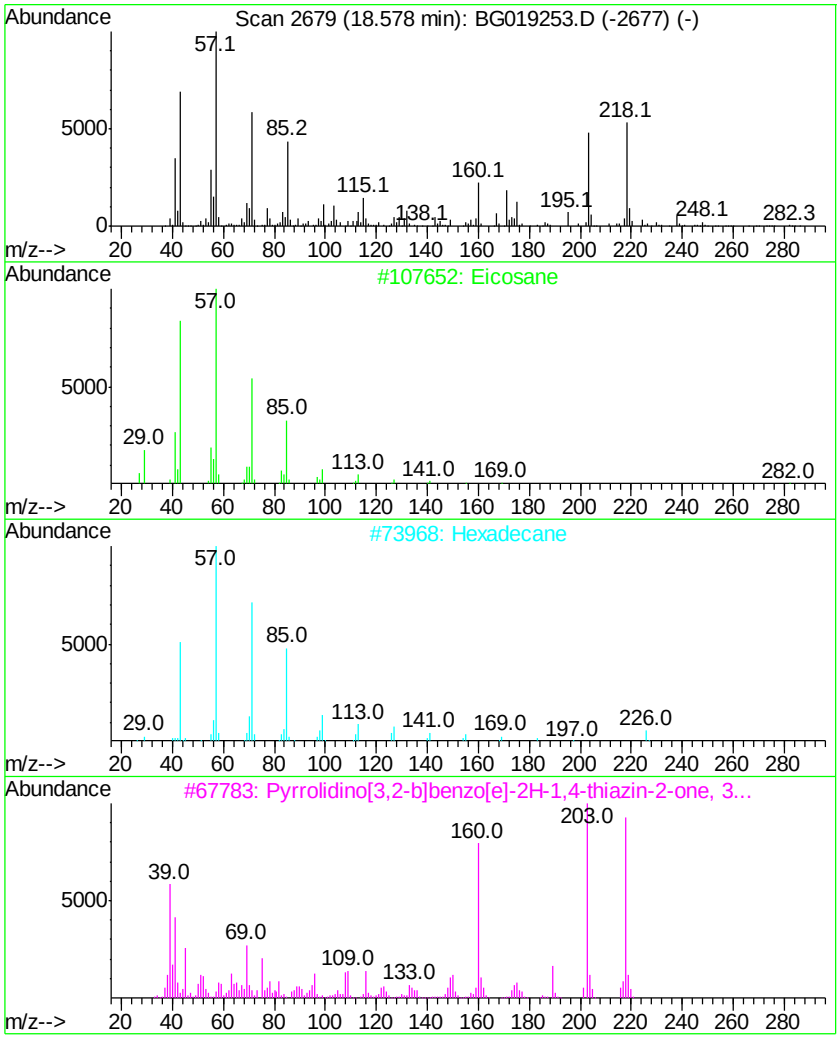
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

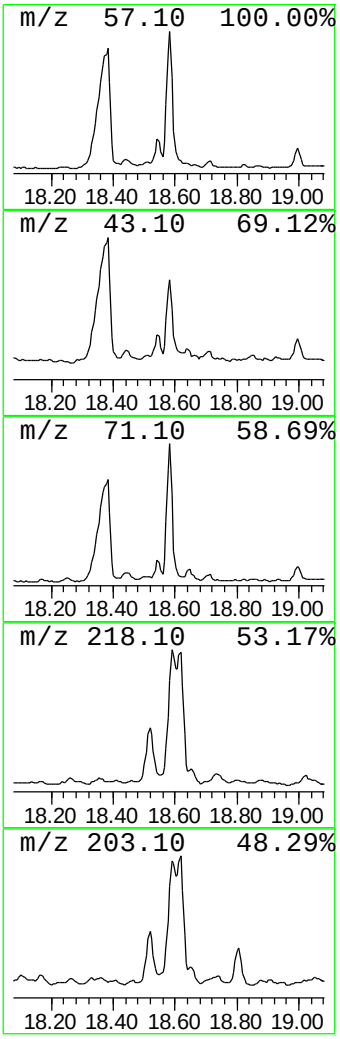
**********

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 66

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.58 | 7.40 ng/ul | 2162440 | Phenanthrene-d10 | 17.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 53 |
| 3 | Pyrrolidino[3,2-b]benzo[e]-2H-1,... | 218 | C11H10N2OS | 017163-68-7 | 49 |
| 4 | Pyrrolo[2,3-b]indole, 1,2,3,3a,8... | 218 | C13H18N2O | 046479-70-3 | 46 |
| 5 | 3-Methoxy-6,7,8,9-tetrahydro-dib... | 218 | C13H14O3 | 1000186-57-9 | 46 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

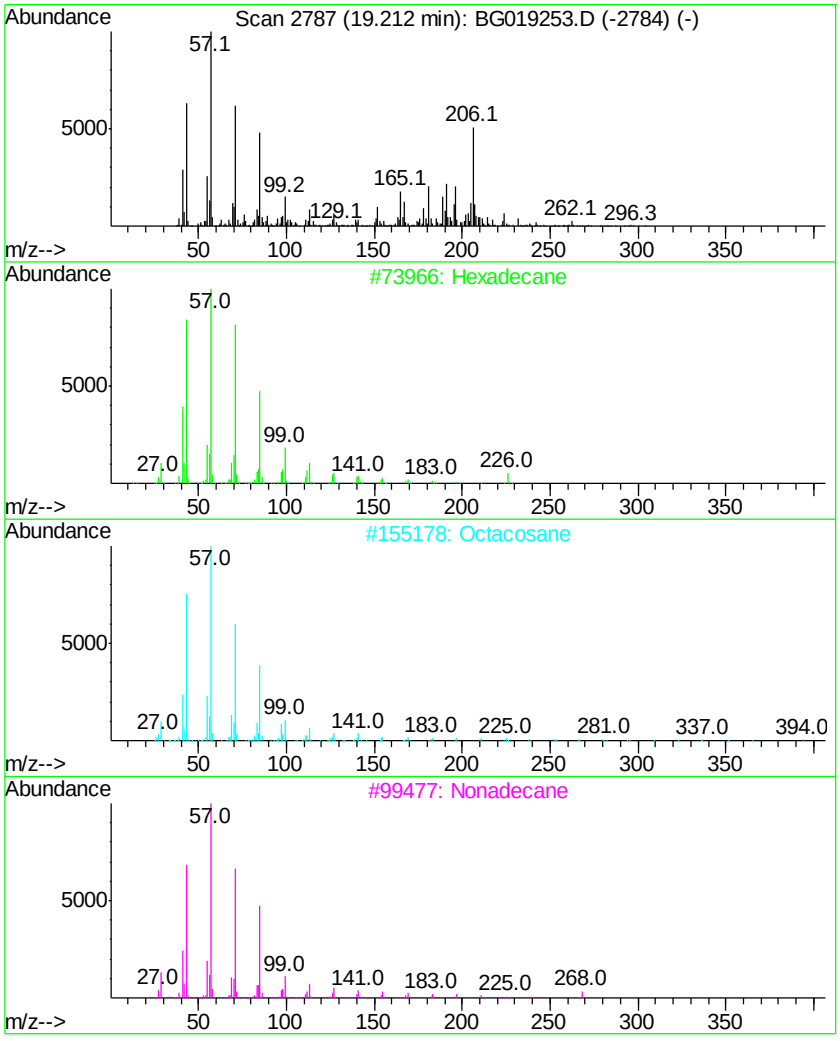
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

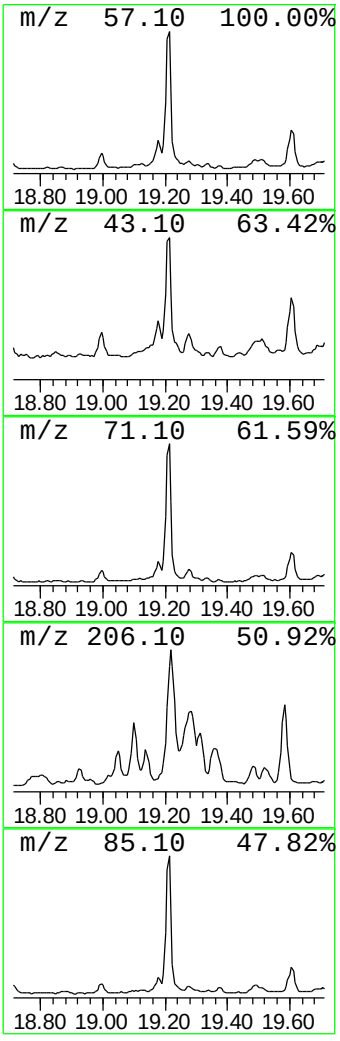
**********

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 59

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.21 | 8.87 ng/ul | 2591220 | Phenanthrene-d10 | 17.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 42 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 42 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 38 |
| 4 | Tetradecane, 2-methyl- | 212 | C15H32 | 001560-95-8 | 38 |
| 5 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 35 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

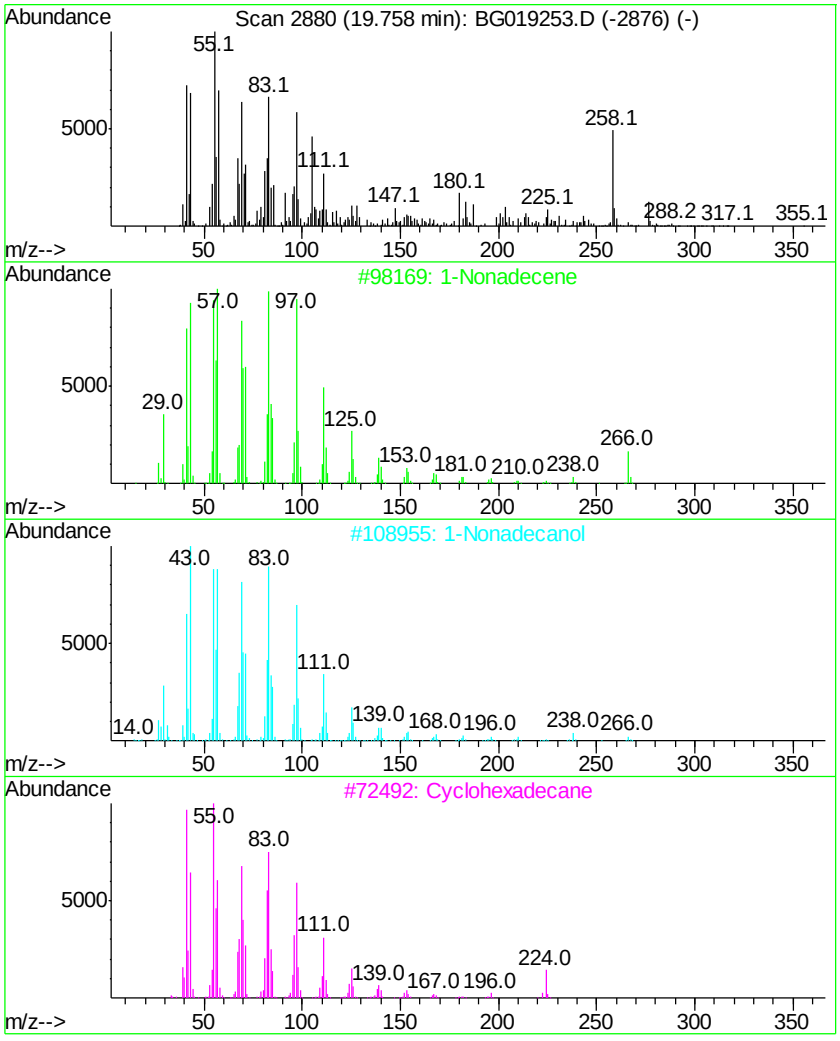
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

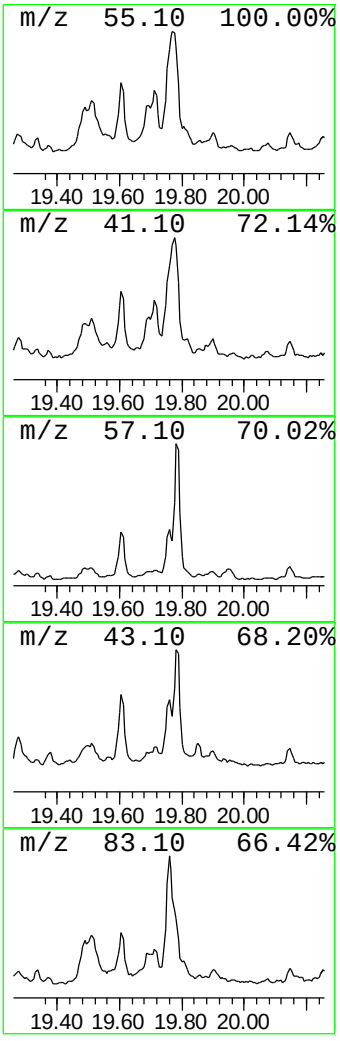
**********

Peak Number 67 (DEL) Alkane: Cyclic19.76 Concentration Rank 68

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.76 | 5.92 ng/ul | 2125380 | Chrysene-d12 | 21.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 93 |
| 2 | 1-Nonadecanol | 284 | C19H40O | 001454-84-8 | 91 |
| 3 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 90 |
| 4 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 90 |
| 5 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 89 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

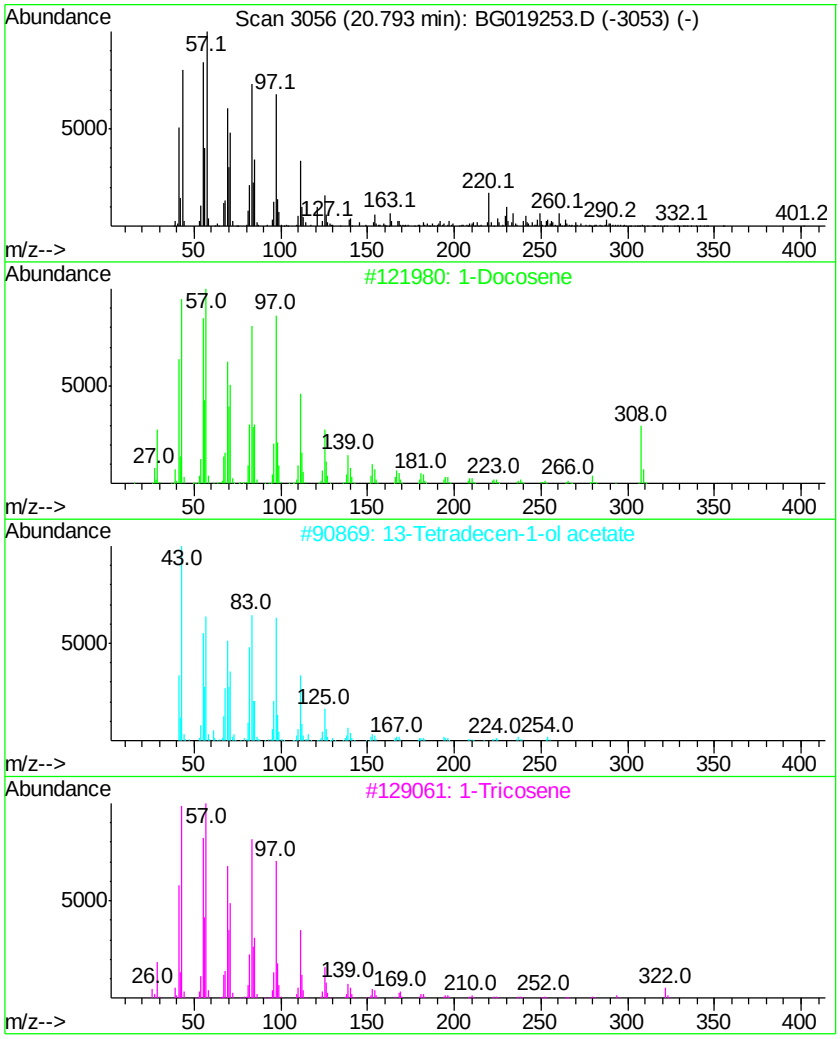
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

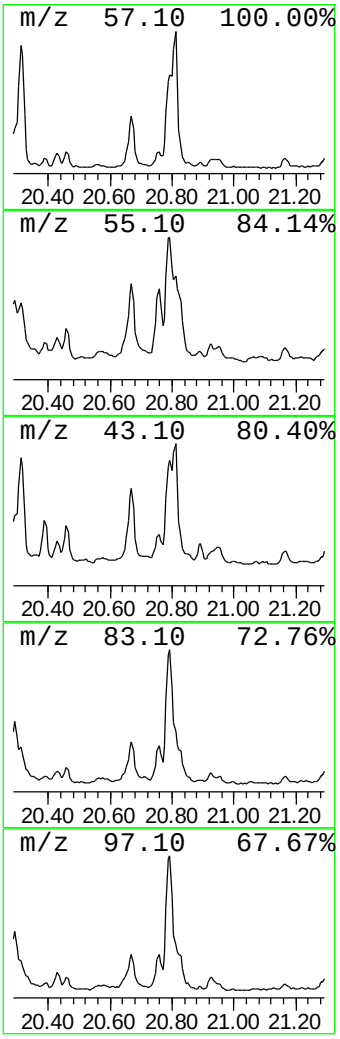
**********

Peak Number 70 (DEL) Alkane: Cyclic20.79 Concentration Rank 77

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.79 | 2.30 ng/ul | 825404 | Chrysene-d12 | 21.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 2 | 13-Tetradecen-1-ol acetate | 254 | C16H30O2 | 056221-91-1 | 93 |
| 3 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 93 |
| 4 | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2 | 086711-81-1 | 92 |
| 5 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 90 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

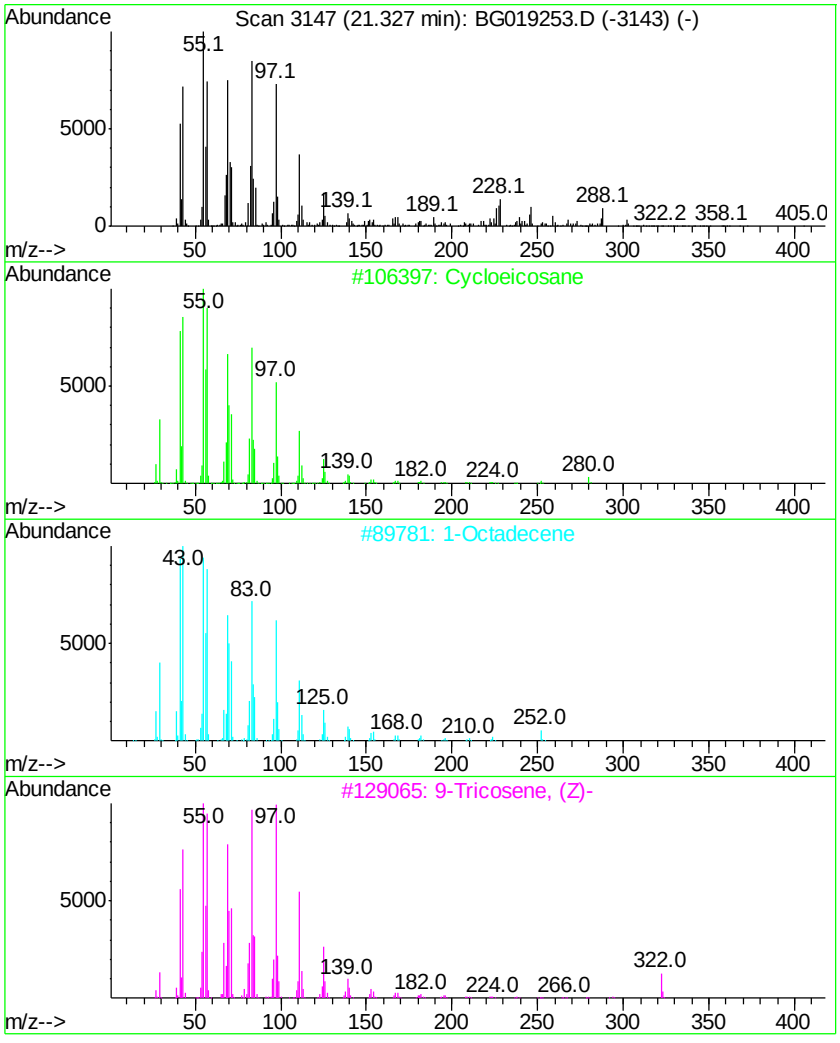
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

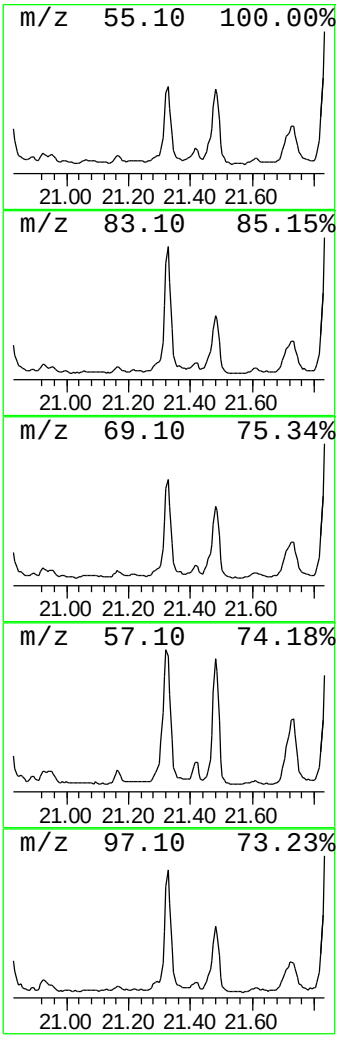
**********

Peak Number 71 (DEL) Alkane: Cyclic21.33 Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.33 | 9.08 ng/ul | 3258660 | Chrysene-d12 | 21.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 95 |
| 2 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 90 |
| 3 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 90 |
| 4 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 86 |
| 5 | 1-Heptadecene | 238 | C17H34 | 006765-39-5 | 83 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

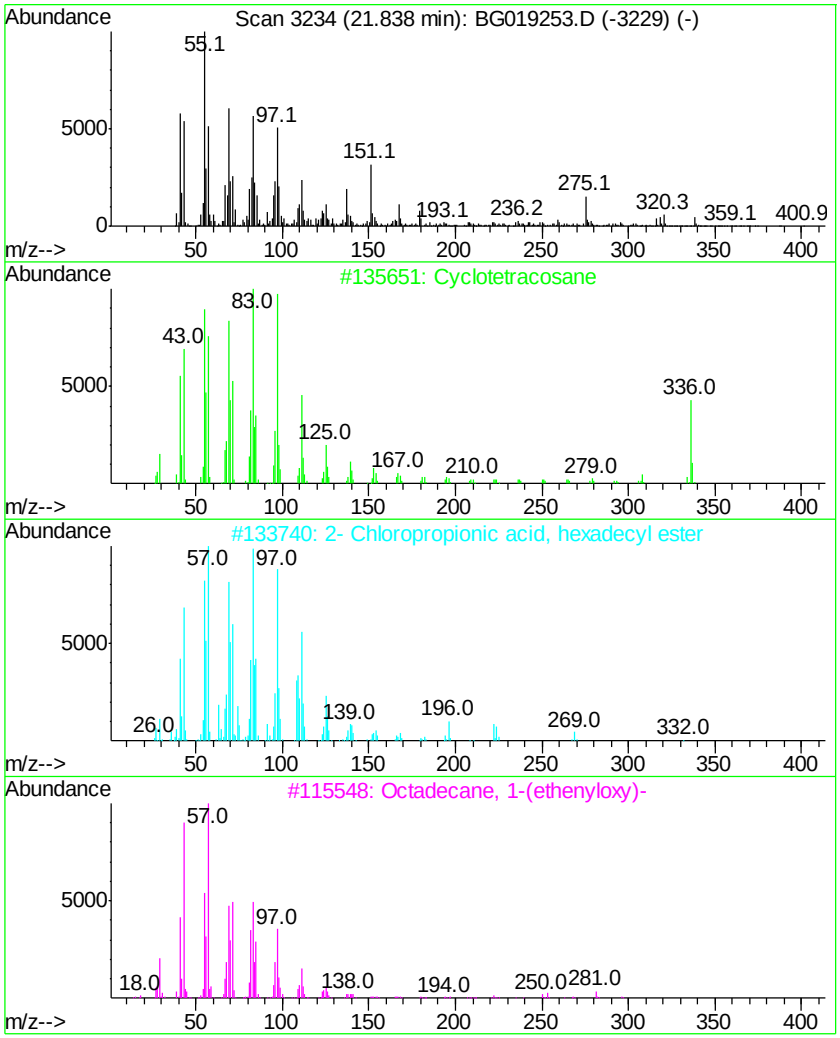
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

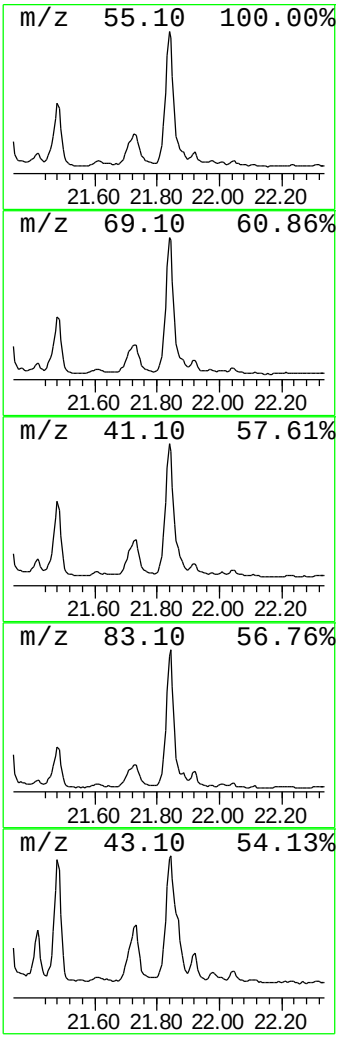
**********

Peak Number 73 (DEL) Alkane: Cyclic21.84 Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.84 | 20.00 ng/ul | 7179850 | Chrysene-d12 | 21.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 98 |
| 2 | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2 | 086711-81-1 | 86 |
| 3 | Octadecane, 1-(ethenyloxy)- | 296 | C20H40O | 000930-02-9 | 83 |
| 4 | Acetic acid, chloro-, octadecyl ... | 346 | C20H39ClO2 | 005348-82-3 | 70 |
| 5 | Bromoacetic acid, hexadecyl ester | 362 | C18H35BrO2 | 005454-48-8 | 70 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION

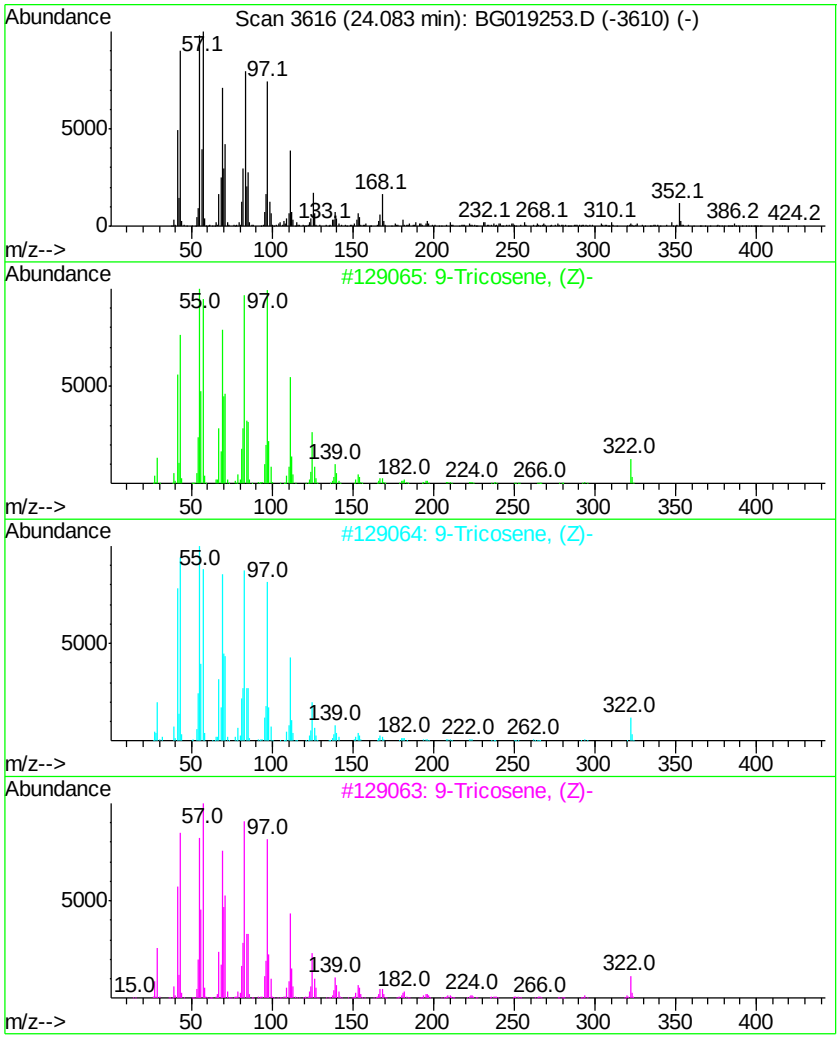
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

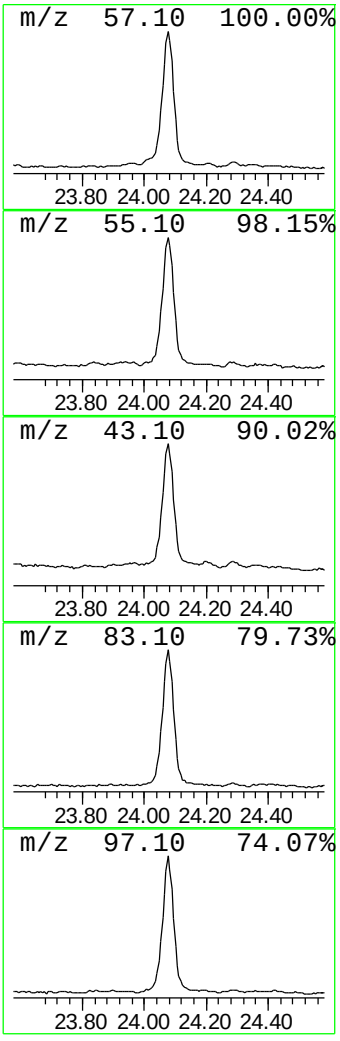
**********

Peak Number 77 (DEL) Alkane: Cyclic24.08 Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.08 | 20.00 ng/ul | 3576700 | Perylene-d12 | 25.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 94 |
| 2 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 93 |
| 3 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 93 |
| 4 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 90 |
| 5 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101915\
Data File : BG019253.D
Acq On : 19 Oct 2015 23:35
Operator : UM/NP
Sample : G3996-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E5LK1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.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 |
| Butane, 2-methoxy... | 3.18 | 47.3 | ng/ul | 391035 | 1 | 8.01 | 165342 | 20.0 |
| Pyridine, 2,3,6-t... | 7.76 | 15.6 | ng/ul | 128956 | 1 | 8.01 | 165342 | 20.0 |
| Pyridine, 3-ethyl... | 8.10 | 18.4 | ng/ul | 152299 | 1 | 8.01 | 165342 | 20.0 |
| unknown-01 | 9.28 | 19.5 | ng/ul | 161348 | 1 | 8.01 | 165342 | 20.0 |
| Phenol, 2,6-dimet... | 9.44 | 22.3 | ng/ul | 468133 | 2 | 10.82 | 420020 | 20.0 |
| Maltol | 9.49 | 14.4 | ng/ul | 301514 | 2 | 10.82 | 420020 | 20.0 |
| Benzofuran, 2-met... | 9.55 | 8.8 | ng/ul | 185612 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 2-ethyl- | 9.79 | 12.8 | ng/ul | 268800 | 2 | 10.82 | 420020 | 20.0 |
| unknown-02 | 10.12 | 18.3 | ng/ul | 383559 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 3,5-dimet... | 10.33 | 56.3 | ng/ul | 1181920 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 2-ethyl-6... | 10.65 | 29.1 | ng/ul | 611991 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 3,4-dimet... | 10.72 | 74.6 | ng/ul | 1566260 | 2 | 10.82 | 420020 | 20.0 |
| Benzofuran, 4,7-d... | 11.06 | 9.7 | ng/ul | 202613 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 3-ethyl-5... | 11.20 | 77.2 | ng/ul | 1622070 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 2,4,5-tri... | 11.29 | 22.9 | ng/ul | 481828 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 4-ethyl-3... | 11.39 | 157.7 | ng/ul | 3312390 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 3-(1-meth... | 11.46 | 36.3 | ng/ul | 762489 | 2 | 10.82 | 420020 | 20.0 |
| 4-Cyclopentene-1,... | 11.55 | 8.0 | ng/ul | 167287 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 3,4,5-tri... | 11.88 | 115.9 | ng/ul | 2433810 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 2,4,6-tri... | 11.94 | 65.5 | ng/ul | 1375110 | 2 | 10.82 | 420020 | 20.0 |
| unknown-03 | 12.00 | 85.6 | ng/ul | 1798080 | 2 | 10.82 | 420020 | 20.0 |
| unknown-04 | 12.15 | 13.5 | ng/ul | 282783 | 2 | 10.82 | 420020 | 20.0 |
| 1H-Inden-1-one, 2... | 12.23 | 100.8 | ng/ul | 2116040 | 2 | 10.82 | 420020 | 20.0 |
| unknown-05 | 12.29 | 14.5 | ng/ul | 304070 | 2 | 10.82 | 420020 | 20.0 |
| Thymol | 12.41 | 13.9 | ng/ul | 292676 | 2 | 10.82 | 420020 | 20.0 |
| Phenol, 4-(1-meth... | 12.57 | 108.5 | ng/ul | 2278540 | 2 | 10.82 | 420020 | 20.0 |
| unknown-06 | 12.80 | 4.8 | ng/ul | 289099 | 3 | 14.65 | 1192800 | 20.0 |
| Benzoic acid, 3-m... | 12.85 | 6.0 | ng/ul | 354779 | 3 | 14.65 | 1192800 | 20.0 |
| (DEL) Alkane: Str... | 18.58 | 7.4 | ng/ul | 2162440 | 4 | 17.43 | 5842010 | 20.0 |
| (DEL) Alkane: Str... | 19.21 | 8.9 | ng/ul | 2591220 | 4 | 17.43 | 5842010 | 20.0 |
| (DEL) Alkane: Cyc... | 19.76 | 5.9 | ng/ul | 2125380 | 5 | 21.72 | 7179850 | 20.0 |
| (DEL) Alkane: Cyc... | 20.79 | 2.3 | ng/ul | 825404 | 5 | 21.72 | 7179850 | 20.0 |
| (DEL) Alkane: Cyc... | 21.33 | 9.1 | ng/ul | 3258660 | 5 | 21.72 | 7179850 | 20.0 |
| (DEL) Alkane: Cyc... | 21.84 | 20.0 | ng/ul | 7179850 | 5 | 21.72 | 7179850 | 20.0 |
| (DEL) Alkane: Cyc... | 24.08 | 20.0 | ng/ul | 3576700 | 6 | 25.00 | 3576700 | 20.0 |