LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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 | 5.845 | 504 | 512 | 525 | rBV | 719423 | 1705013 | 14.60% | 0.461% |
| 2 | 6.221 | 558 | 576 | 583 | rBV2 | 597144 | 1346165 | 11.53% | 0.364% |
| 3 | 7.420 | 775 | 780 | 796 | rVB2 | 442109 | 1180832 | 10.11% | 0.319% |
| 4 | 7.872 | 853 | 857 | 866 | rVV | 639995 | 1308660 | 11.21% | 0.353% |
| 5 | 8.242 | 913 | 920 | 933 | rVV4 | 483696 | 1291108 | 11.06% | 0.349% |
| 6 | 8.683 | 988 | 995 | 1005 | rVV | 1815722 | 3455382 | 29.59% | 0.933% |
| 7 | 8.894 | 1018 | 1031 | 1037 | rBV6 | 347148 | 1218588 | 10.44% | 0.329% |
| 8 | 9.018 | 1044 | 1052 | 1058 | rVV | 2749079 | 5645642 | 48.35% | 1.525% |
| 9 | 9.676 | 1157 | 1164 | 1168 | rVV | 1634851 | 2920160 | 25.01% | 0.789% |
| 10 | 9.723 | 1168 | 1172 | 1178 | rVV3 | 478557 | 1041391 | 8.92% | 0.281% |
| 11 | 9.793 | 1178 | 1184 | 1194 | rVV | 1183144 | 2216712 | 18.98% | 0.599% |
| 12 | 10.017 | 1216 | 1222 | 1235 | rVB | 1019357 | 2227014 | 19.07% | 0.602% |
| 13 | 10.169 | 1235 | 1248 | 1252 | rBV5 | 436268 | 1146951 | 9.82% | 0.310% |
| 14 | 10.234 | 1252 | 1259 | 1262 | rVV | 3215521 | 6931276 | 59.36% | 1.872% |
| 15 | 10.263 | 1262 | 1264 | 1276 | rVB2 | 2599842 | 4163617 | 35.66% | 1.125% |
| 16 | 10.510 | 1289 | 1306 | 1310 | rBV | 4078207 | 11677126 | 100.00% | 3.154% |
| 17 | 10.545 | 1310 | 1312 | 1321 | rVV2 | 2330027 | 3253100 | 27.86% | 0.879% |
| 18 | 10.628 | 1321 | 1326 | 1332 | rVB2 | 566347 | 1099542 | 9.42% | 0.297% |
| 19 | 10.698 | 1332 | 1338 | 1344 | rVB3 | 1622794 | 2807760 | 24.04% | 0.758% |
| 20 | 10.769 | 1344 | 1350 | 1363 | rVB2 | 985717 | 2038341 | 17.46% | 0.551% |
| 21 | 10.886 | 1363 | 1370 | 1375 | rBV2 | 1400810 | 3290860 | 28.18% | 0.889% |
| 22 | 10.939 | 1375 | 1379 | 1385 | rVV2 | 1114426 | 2761057 | 23.65% | 0.746% |
| 23 | 10.992 | 1385 | 1388 | 1398 | rVV6 | 690377 | 1828621 | 15.66% | 0.494% |
| 24 | 11.127 | 1405 | 1411 | 1417 | rVB | 1905444 | 3495740 | 29.94% | 0.944% |
| 25 | 11.209 | 1418 | 1425 | 1435 | rBV | 2619298 | 5404665 | 46.28% | 1.460% |
| 26 | 11.309 | 1435 | 1442 | 1455 | rVB3 | 1251438 | 4933099 | 42.25% | 1.333% |
| 27 | 11.433 | 1455 | 1463 | 1467 | rBV3 | 2849343 | 6159272 | 52.75% | 1.664% |
| 28 | 11.480 | 1467 | 1471 | 1479 | rVV2 | 3321045 | 6739538 | 57.72% | 1.820% |
| 29 | 11.544 | 1479 | 1482 | 1486 | rVB | 1083980 | 1471221 | 12.60% | 0.397% |
| 30 | 11.603 | 1486 | 1492 | 1497 | rBV | 3425741 | 6476957 | 55.47% | 1.750% |
| 31 | 11.679 | 1497 | 1505 | 1510 | rVB3 | 1575771 | 4642980 | 39.76% | 1.254% |
| 32 | 11.832 | 1521 | 1531 | 1535 | rBV4 | 697807 | 1577612 | 13.51% | 0.426% |
| 33 | 11.897 | 1535 | 1542 | 1549 | rBV2 | 5338272 | 10689655 | 91.54% | 2.887% |
| 34 | 11.973 | 1551 | 1555 | 1567 | rVB8 | 706835 | 2410979 | 20.65% | 0.651% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.085 | 1567 | 1574 | 1579 | rBV2 | 3517907 | 7171867 | 61.42% | 1.937% |
| 36 | 12.138 | 1579 | 1583 | 1588 | rVB4 | 1466777 | 2601683 | 22.28% | 0.703% |
| 37 | 12.226 | 1589 | 1598 | 1602 | rBV4 | 2523309 | 5740414 | 49.16% | 1.551% |
| 38 | 12.379 | 1618 | 1624 | 1628 | rVV6 | 776634 | 1819788 | 15.58% | 0.492% |
| 39 | 12.455 | 1628 | 1637 | 1645 | rVB3 | 2322161 | 5643566 | 48.33% | 1.524% |
| 40 | 12.596 | 1652 | 1661 | 1670 | rVB6 | 1551675 | 5159296 | 44.18% | 1.394% |
| 41 | 12.719 | 1675 | 1682 | 1686 | rBV | 6089383 | 11352724 | 97.22% | 3.067% |
| 42 | 12.755 | 1686 | 1688 | 1692 | rVV2 | 1829171 | 2270106 | 19.44% | 0.613% |
| 43 | 12.790 | 1692 | 1694 | 1699 | rVB3 | 990352 | 1188508 | 10.18% | 0.321% |
| 44 | 12.843 | 1699 | 1703 | 1706 | rBV2 | 2410370 | 4118549 | 35.27% | 1.112% |
| 45 | 12.937 | 1713 | 1719 | 1727 | rVB2 | 4111636 | 7167135 | 61.38% | 1.936% |
| 46 | 13.019 | 1727 | 1733 | 1737 | rBV | 2008600 | 3521911 | 30.16% | 0.951% |
| 47 | 13.066 | 1737 | 1741 | 1744 | rBV2 | 2060238 | 2885880 | 24.71% | 0.780% |
| 48 | 13.137 | 1751 | 1753 | 1765 | rVB9 | 768451 | 1880415 | 16.10% | 0.508% |
| 49 | 13.254 | 1765 | 1773 | 1776 | rBV3 | 1835213 | 3939335 | 33.74% | 1.064% |
| 50 | 13.360 | 1786 | 1791 | 1802 | rVB2 | 3883317 | 7244209 | 62.04% | 1.957% |
| 51 | 13.466 | 1802 | 1809 | 1818 | rVB6 | 1380122 | 3816175 | 32.68% | 1.031% |
| 52 | 13.560 | 1818 | 1825 | 1827 | rBV | 1246935 | 3072582 | 26.31% | 0.830% |
| 53 | 13.595 | 1828 | 1831 | 1836 | rVV4 | 1586836 | 2395759 | 20.52% | 0.647% |
| 54 | 13.654 | 1836 | 1841 | 1846 | rVV6 | 1708782 | 2820084 | 24.15% | 0.762% |
| 55 | 13.847 | 1862 | 1874 | 1879 | rBV5 | 1036894 | 3496325 | 29.94% | 0.944% |
| 56 | 13.906 | 1879 | 1884 | 1898 | rVB6 | 1840819 | 5249112 | 44.95% | 1.418% |
| 57 | 14.053 | 1898 | 1909 | 1916 | rBV6 | 2973277 | 9305083 | 79.69% | 2.513% |
| 58 | 14.141 | 1920 | 1924 | 1927 | rBV4 | 909356 | 1409220 | 12.07% | 0.381% |
| 59 | 14.194 | 1927 | 1933 | 1938 | rVV2 | 3135907 | 7650562 | 65.52% | 2.067% |
| 60 | 14.247 | 1938 | 1942 | 1948 | rVB2 | 3877818 | 6379548 | 54.63% | 1.723% |
| 61 | 14.353 | 1954 | 1960 | 1965 | rVB6 | 704587 | 1488514 | 12.75% | 0.402% |
| 62 | 14.429 | 1966 | 1973 | 1976 | rBV7 | 1295158 | 2521326 | 21.59% | 0.681% |
| 63 | 14.500 | 1980 | 1985 | 1989 | rVB2 | 2096640 | 3473902 | 29.75% | 0.938% |
| 64 | 14.588 | 1990 | 2000 | 2004 | rVV6 | 1028257 | 3157603 | 27.04% | 0.853% |
| 65 | 14.641 | 2004 | 2009 | 2014 | rVB | 1875503 | 2813448 | 24.09% | 0.760% |
| 66 | 14.717 | 2016 | 2022 | 2036 | rVB2 | 3874325 | 7722001 | 66.13% | 2.086% |
| 67 | 14.829 | 2036 | 2041 | 2045 | rBV2 | 2054155 | 3210299 | 27.49% | 0.867% |
| 68 | 14.876 | 2045 | 2049 | 2051 | rBV2 | 1132689 | 1690232 | 14.47% | 0.457% |
| 69 | 14.905 | 2052 | 2054 | 2058 | rVB3 | 1126816 | 1376680 | 11.79% | 0.372% |
| 70 | 15.093 | 2083 | 2086 | 2092 | rVB6 | 1092820 | 1549221 | 13.27% | 0.418% |
| 71 | 15.158 | 2092 | 2097 | 2101 | rBV4 | 1052025 | 1747191 | 14.96% | 0.472% |

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 15.246 | 2106 | 2112 | 2122 | rVB7 | 1644565 | 4436245 | 37.99% | 1.198% |
| 73 | 15.328 | 2122 | 2126 | 2130 | rBV2 | 707456 | 1112746 | 9.53% | 0.301% |
| 74 | 15.475 | 2144 | 2151 | 2156 | rBV7 | 1008444 | 2570100 | 22.01% | 0.694% |
| 75 | 15.528 | 2156 | 2160 | 2168 | rVB5 | 1590227 | 2735440 | 23.43% | 0.739% |
| 76 | 15.598 | 2168 | 2172 | 2179 | rBV3 | 2896224 | 6298282 | 53.94% | 1.701% |
| 77 | 15.657 | 2179 | 2182 | 2187 | rVB | 4312293 | 5567055 | 47.67% | 1.504% |
| 78 | 15.786 | 2194 | 2204 | 2212 | rVB | 2349547 | 4771219 | 40.86% | 1.289% |
| 79 | 15.898 | 2213 | 2223 | 2233 | rVB4 | 1386459 | 3967428 | 33.98% | 1.072% |
| 80 | 16.062 | 2244 | 2251 | 2254 | rBV7 | 597850 | 1060755 | 9.08% | 0.287% |
| 81 | 16.462 | 2312 | 2319 | 2324 | rVV2 | 2954827 | 5001685 | 42.83% | 1.351% |
| 82 | 16.515 | 2324 | 2328 | 2342 | rVB | 5789618 | 9682880 | 82.92% | 2.616% |
| 83 | 16.738 | 2358 | 2366 | 2371 | rVB | 2406854 | 3394955 | 29.07% | 0.917% |
| 84 | 16.826 | 2375 | 2381 | 2387 | rVB | 2257293 | 3044884 | 26.08% | 0.822% |
| 85 | 16.903 | 2387 | 2394 | 2399 | rBV3 | 844308 | 1665148 | 14.26% | 0.450% |
| 86 | 17.261 | 2450 | 2455 | 2459 | rVV2 | 2259845 | 3302648 | 28.28% | 0.892% |
| 87 | 17.308 | 2459 | 2463 | 2473 | rVB | 5013143 | 7229165 | 61.91% | 1.953% |
| 88 | 17.608 | 2507 | 2514 | 2519 | rBV2 | 1268363 | 2135487 | 18.29% | 0.577% |
| 89 | 18.001 | 2576 | 2581 | 2584 | rBV | 1288752 | 1633807 | 13.99% | 0.441% |
| 90 | 18.043 | 2584 | 2588 | 2600 | rVB | 3601852 | 5599136 | 47.95% | 1.512% |
| 91 | 18.448 | 2651 | 2657 | 2665 | rBV2 | 959359 | 1518063 | 13.00% | 0.410% |
| 92 | 18.689 | 2695 | 2698 | 2701 | rVV | 1549297 | 2063788 | 17.67% | 0.557% |
| 93 | 18.730 | 2701 | 2705 | 2722 | rVB | 2730243 | 4395451 | 37.64% | 1.187% |
| 94 | 19.353 | 2808 | 2811 | 2818 | rVV | 2036915 | 2727090 | 23.35% | 0.737% |
| 95 | 19.893 | 2899 | 2903 | 2905 | rBV | 1292032 | 1507940 | 12.91% | 0.407% |
| 96 | 19.923 | 2905 | 2908 | 2914 | rVV | 1585248 | 1936461 | 16.58% | 0.523% |
| 97 | 20.446 | 2989 | 2997 | 3007 | rVB2 | 1380110 | 2619850 | 22.44% | 0.708% |
| 98 | 20.927 | 3073 | 3079 | 3094 | rVB2 | 1087614 | 2674771 | 22.91% | 0.723% |
| 99 | 21.897 | 3237 | 3244 | 3252 | rVB | 1401906 | 2421696 | 20.74% | 0.654% |
| 100 | 25.316 | 3817 | 3826 | 3847 | rVB | 732146 | 2525956 | 21.63% | 0.682% |

Sum of corrected areas: 370207020

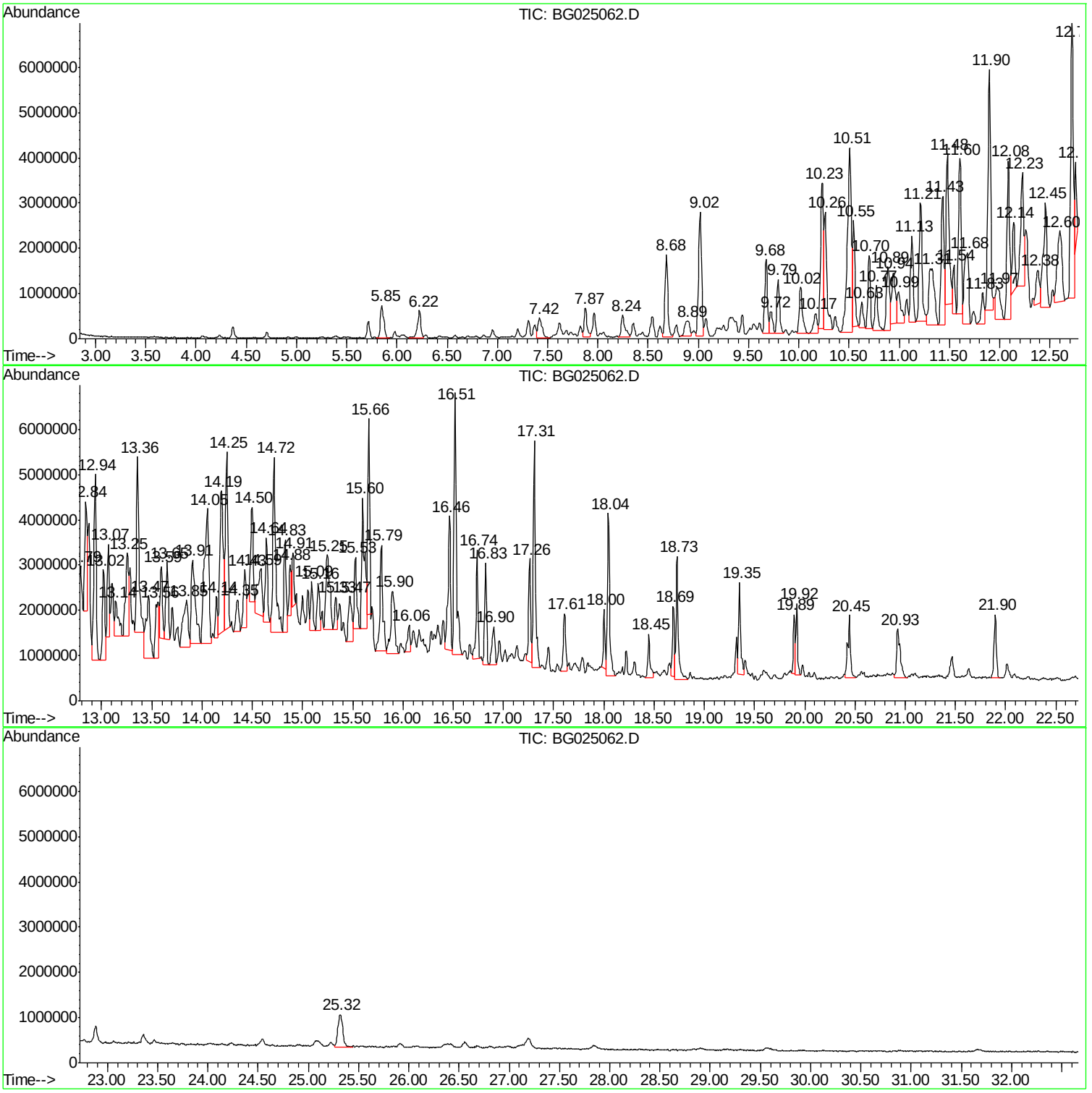
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

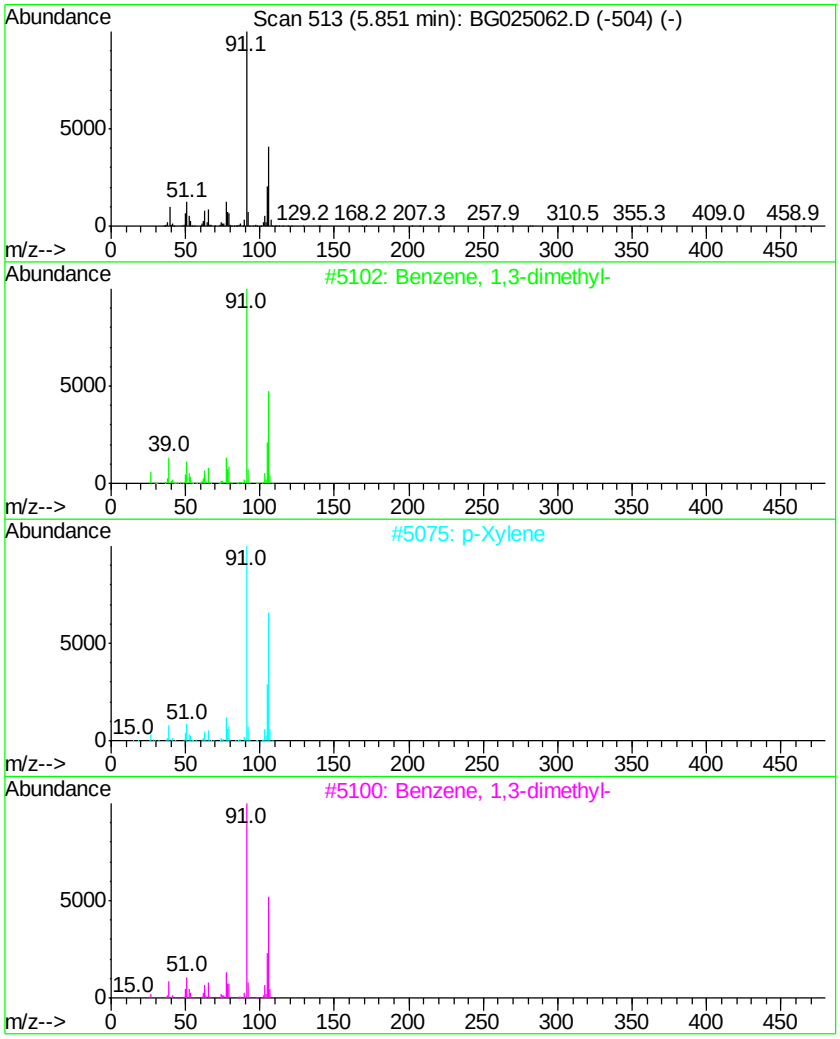
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

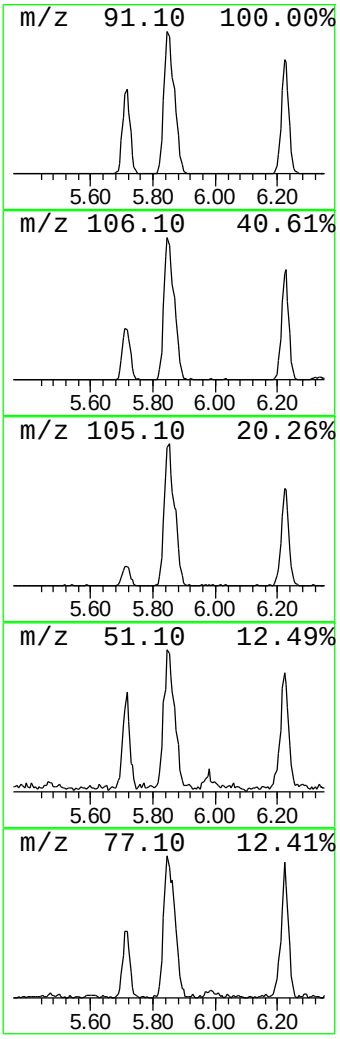
**********

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.85 | 26.41 ng/ul | 1705010 | 1,4-Dichlorobenzene-d4 | 8.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 3 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 95 |
| 4 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 95 |
| 5 | o-Xylene | 106 | C8H10 | 000095-47-6 | 94 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

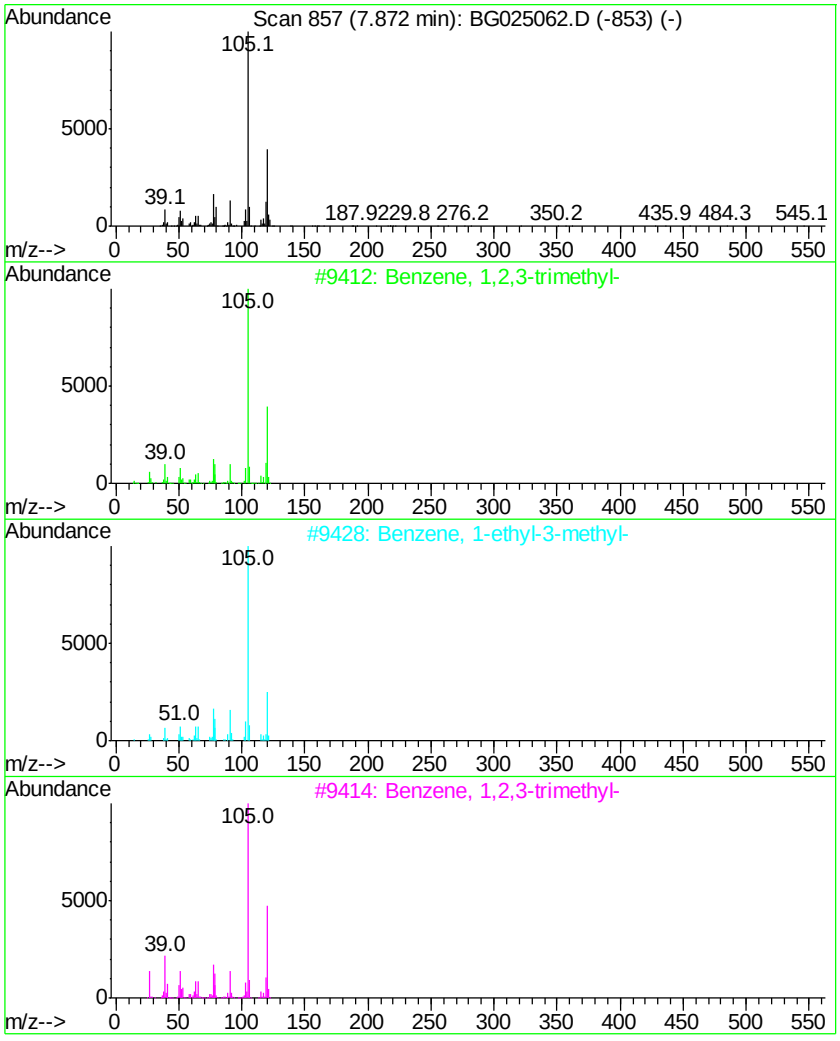
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

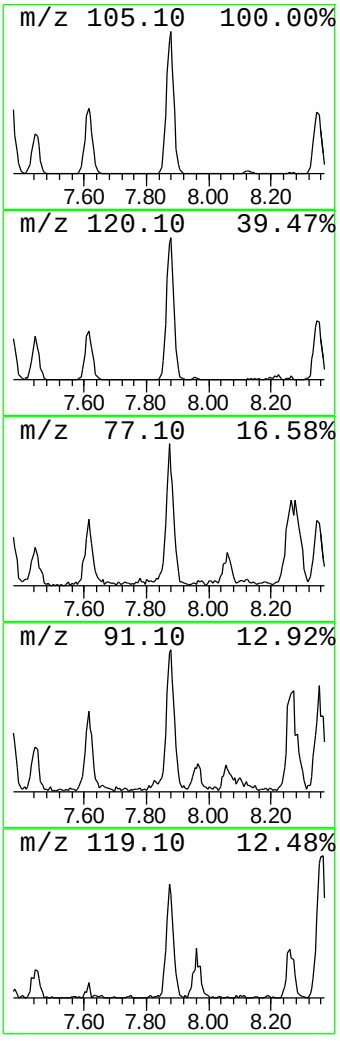
**********

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.87 | 20.27 ng/ul | 1308660 | 1,4-Dichlorobenzene-d4 | 8.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

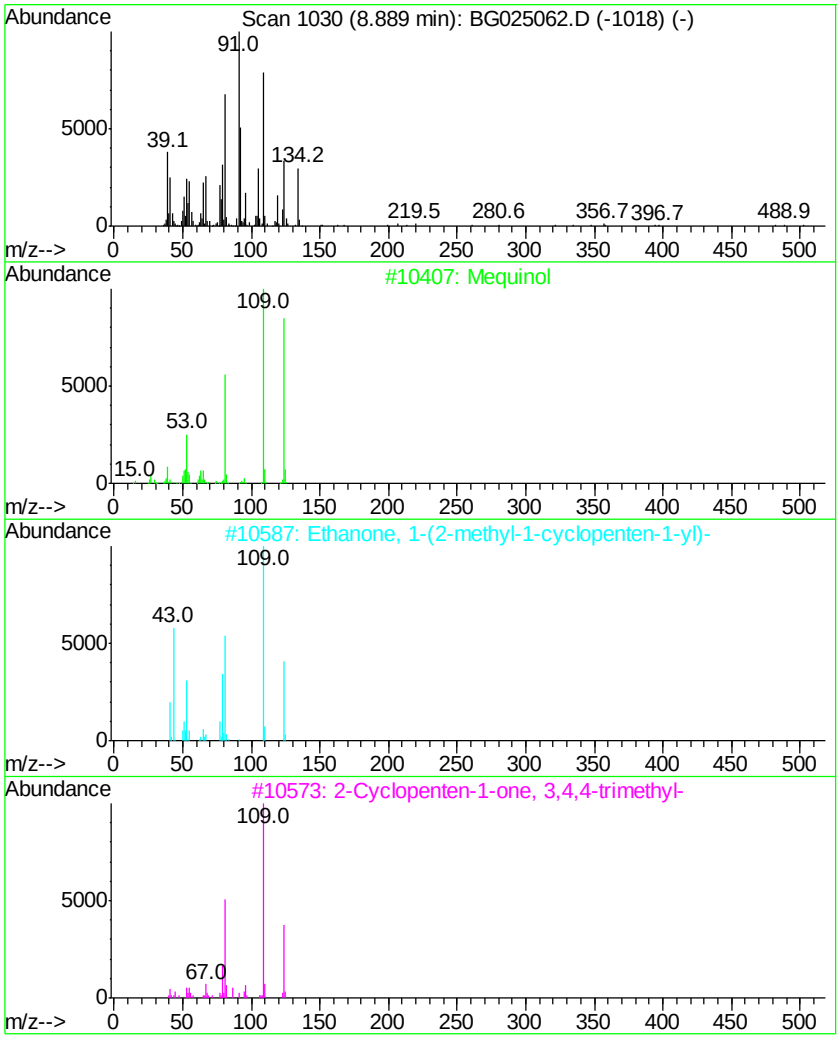
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

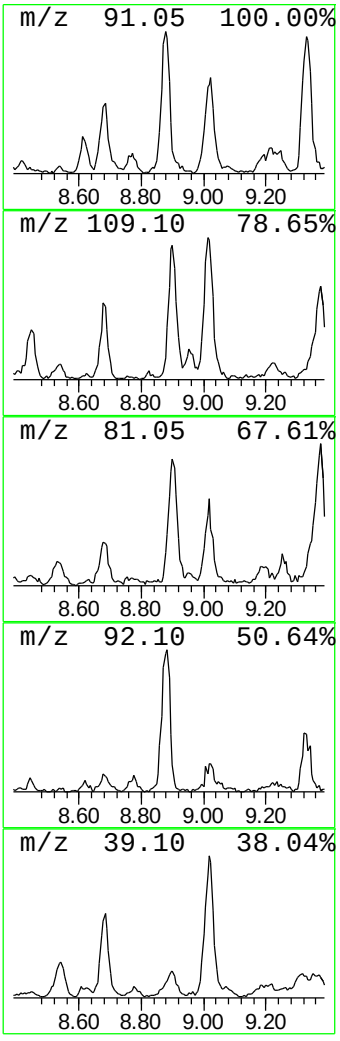
**********

Peak Number 4 Mequinol Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.89 | 18.88 ng/ul | 1218590 | 1,4-Dichlorobenzene-d4 | 8.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mequinol | 124 | C7H8O2 | 000150-76-5 | 70 |
| 2 | Ethanone, 1-(2-methyl-1-cyclopen... | 124 | C8H12O | 003168-90-9 | 64 |
| 3 | 2-Cyclopenten-1-one, 3,4,4-trime... | 124 | C8H12O | 030434-65-2 | 62 |
| 4 | Mequinol | 124 | C7H8O2 | 000150-76-5 | 58 |
| 5 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 58 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

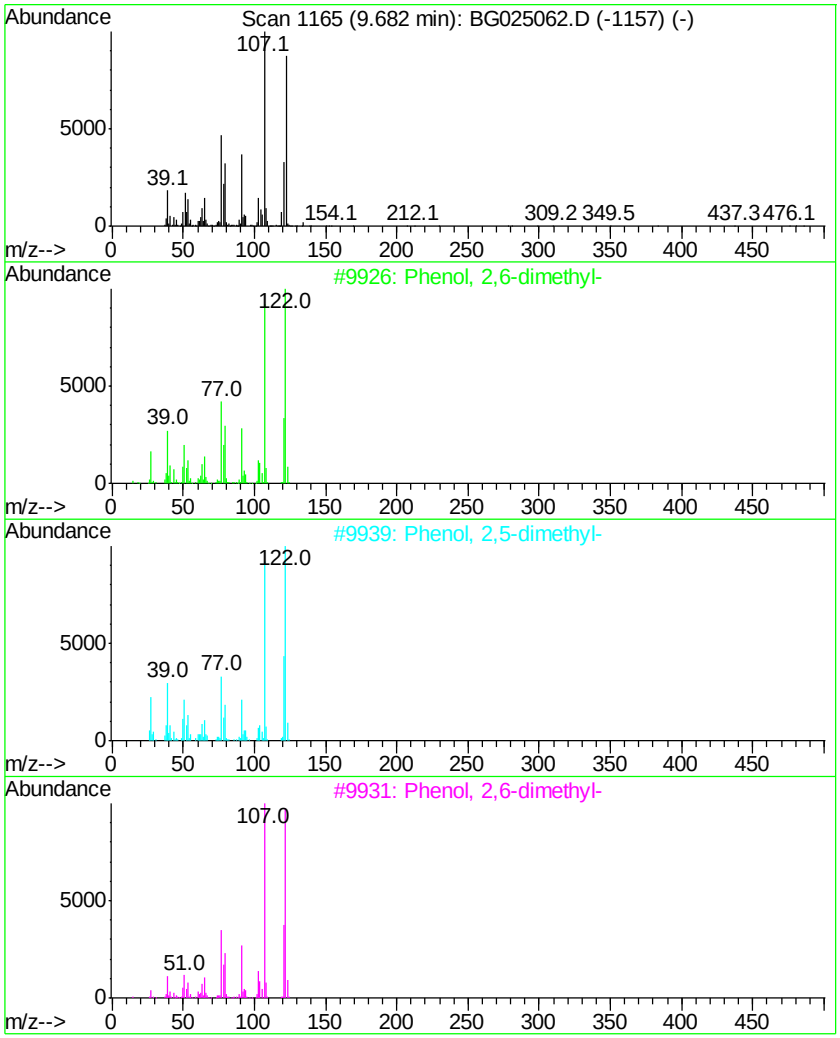
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

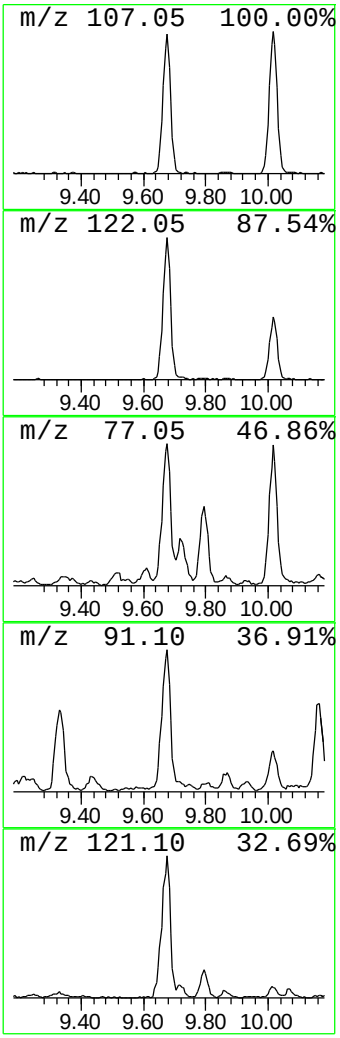
**********

Peak Number 5 Phenol, 2,6-dimethyl- Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.68 | 16.71 ng/ul | 2920160 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 94 |
| 2 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 94 |
| 3 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 94 |
| 4 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 94 |
| 5 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 91 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

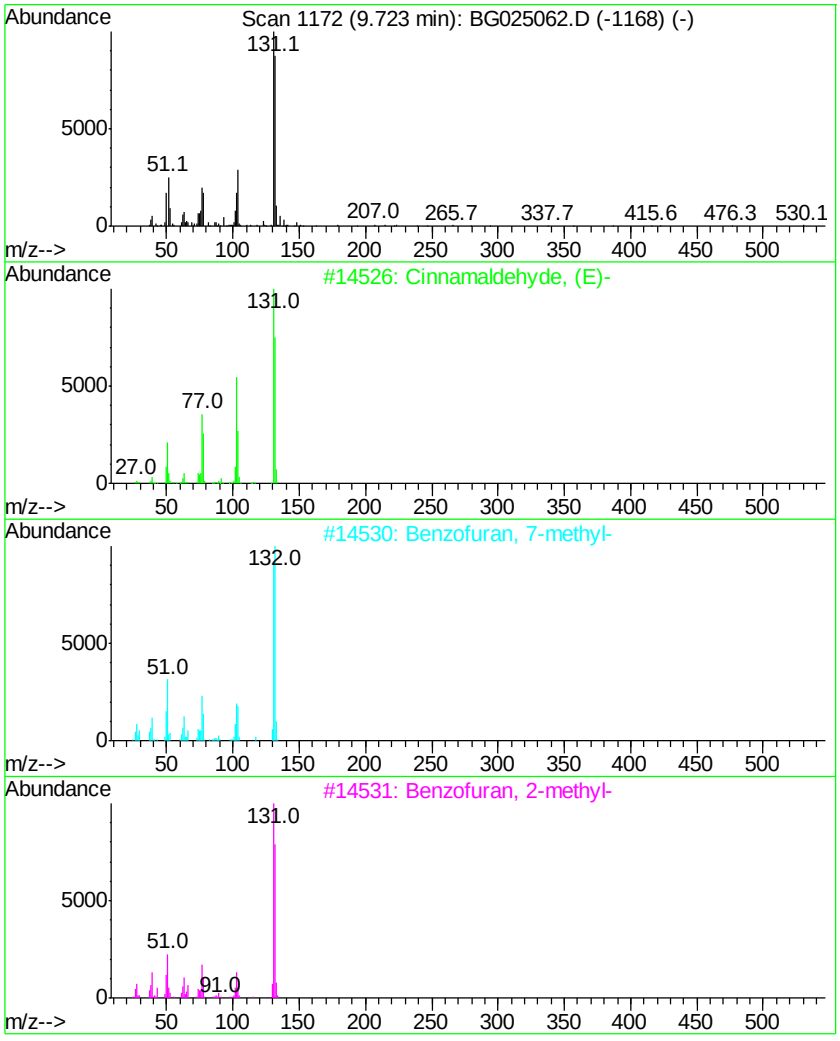
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

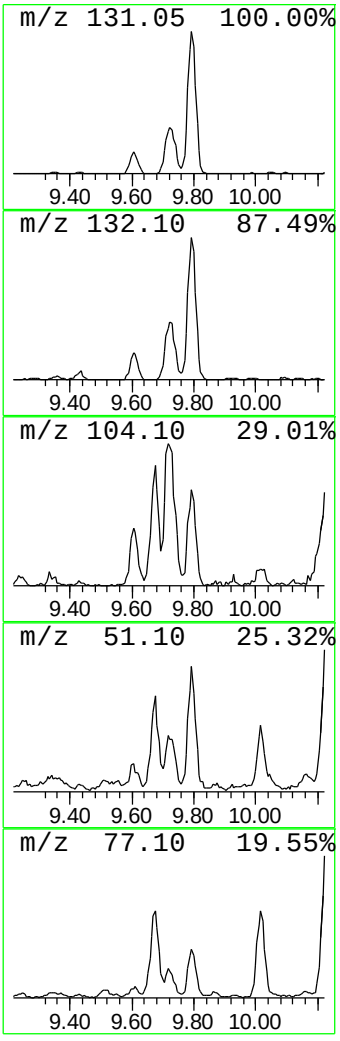
**********

Peak Number 6 Cinnamaldehyde, (E)- Concentration Rank 77

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.72 | 5.96 ng/ul | 1041390 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 90 |
| 2 | Benzofuran, 7-methyl- | 132 | C9H8O | 017059-52-8 | 90 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 90 |
| 4 | Benzene, (2-propynyloxy)- | 132 | C9H8O | 013610-02-1 | 86 |
| 5 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 86 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

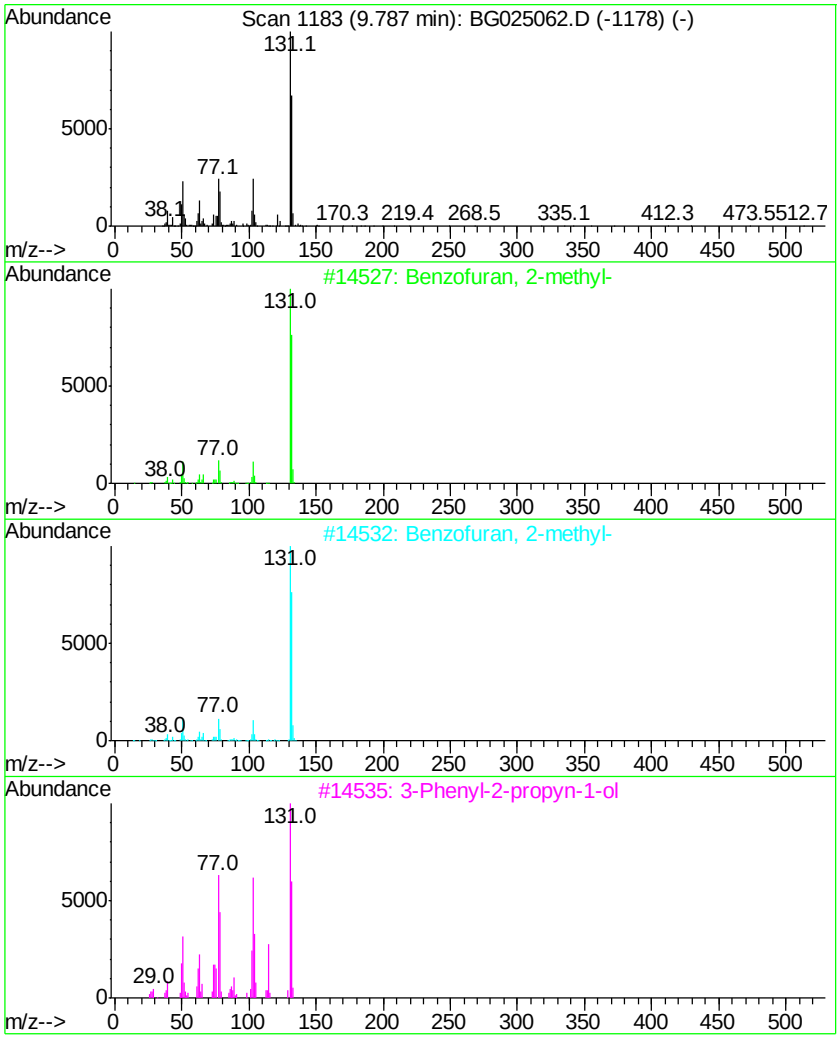
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

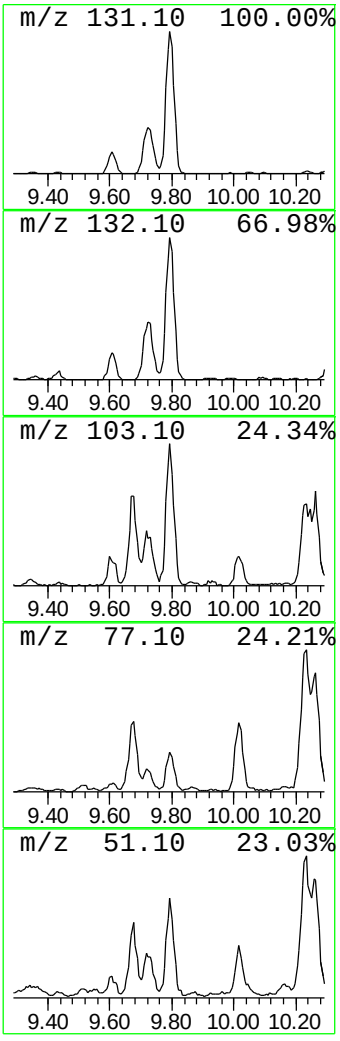
**********

Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 67

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.79 | 12.68 ng/ul | 2216710 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 94 |
| 2 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 93 |
| 3 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 90 |
| 4 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 90 |
| 5 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 90 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

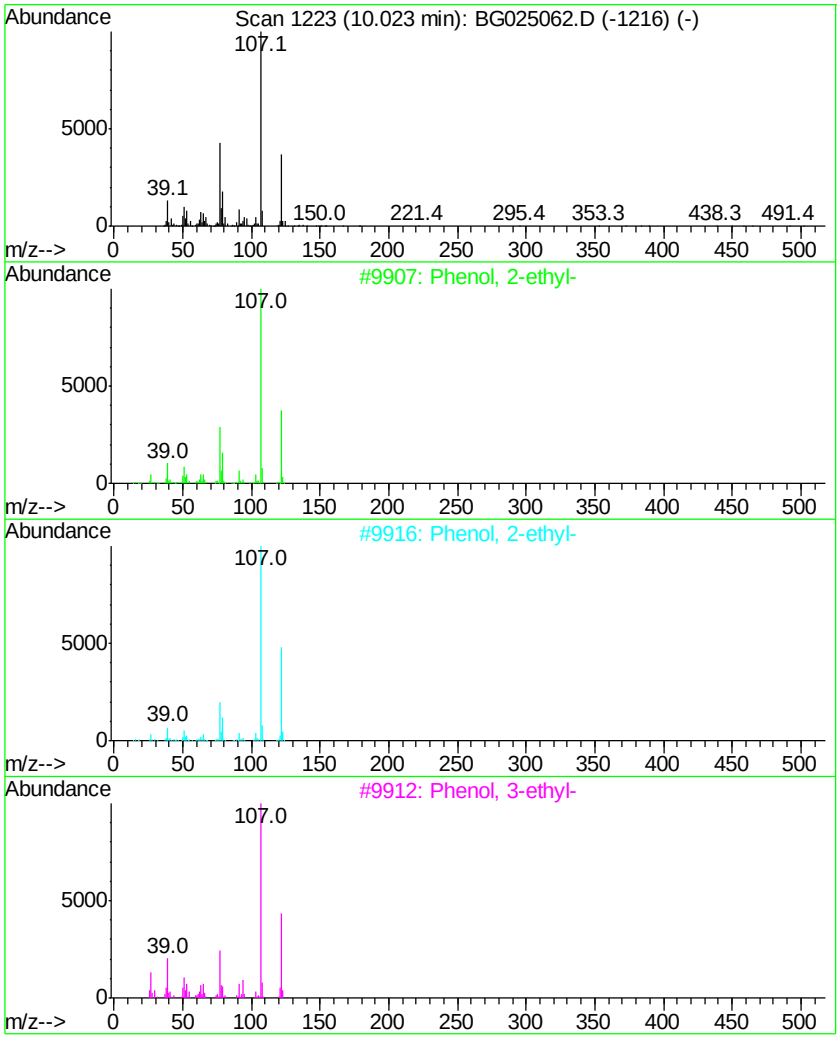
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

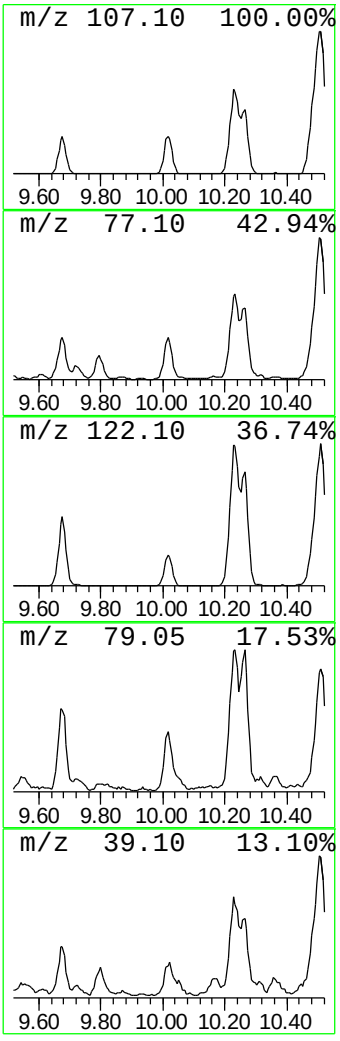
**********

Peak Number 8 Phenol, 2-ethyl- Concentration Rank 66

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.02 | 12.74 ng/ul | 2227010 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 90 |
| 2 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 90 |
| 3 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 83 |
| 4 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 68 |
| 5 | Phenol, 4-ethyl- | 122 | C8H10O | 000123-07-9 | 53 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

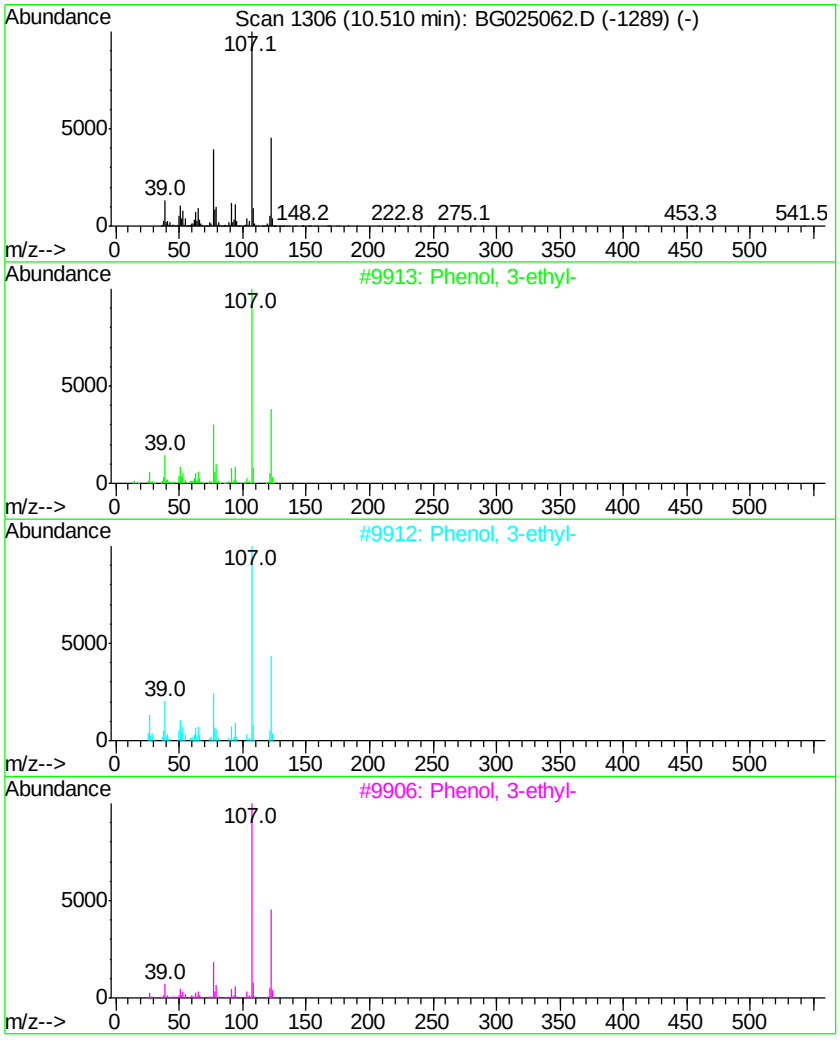
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

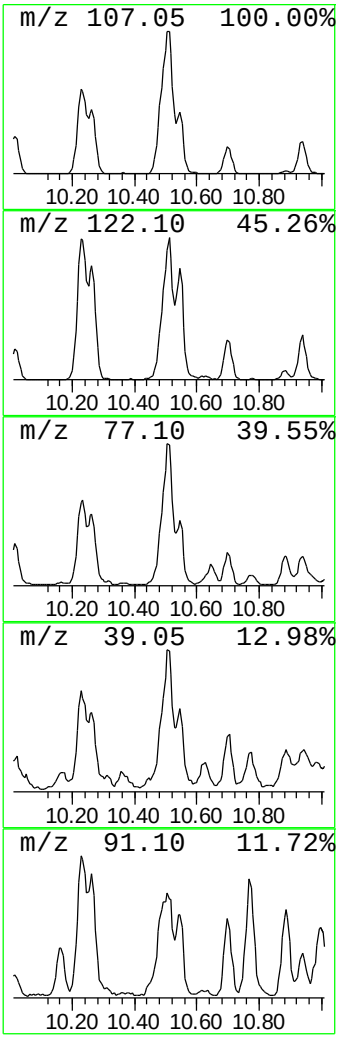
**********

Peak Number 9 Phenol, 3-ethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.51 | 66.81 ng/ul | 11677100 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 95 |
| 2 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 93 |
| 3 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 91 |
| 4 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 87 |
| 5 | Phenol, 4-ethyl- | 122 | C8H10O | 000123-07-9 | 86 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

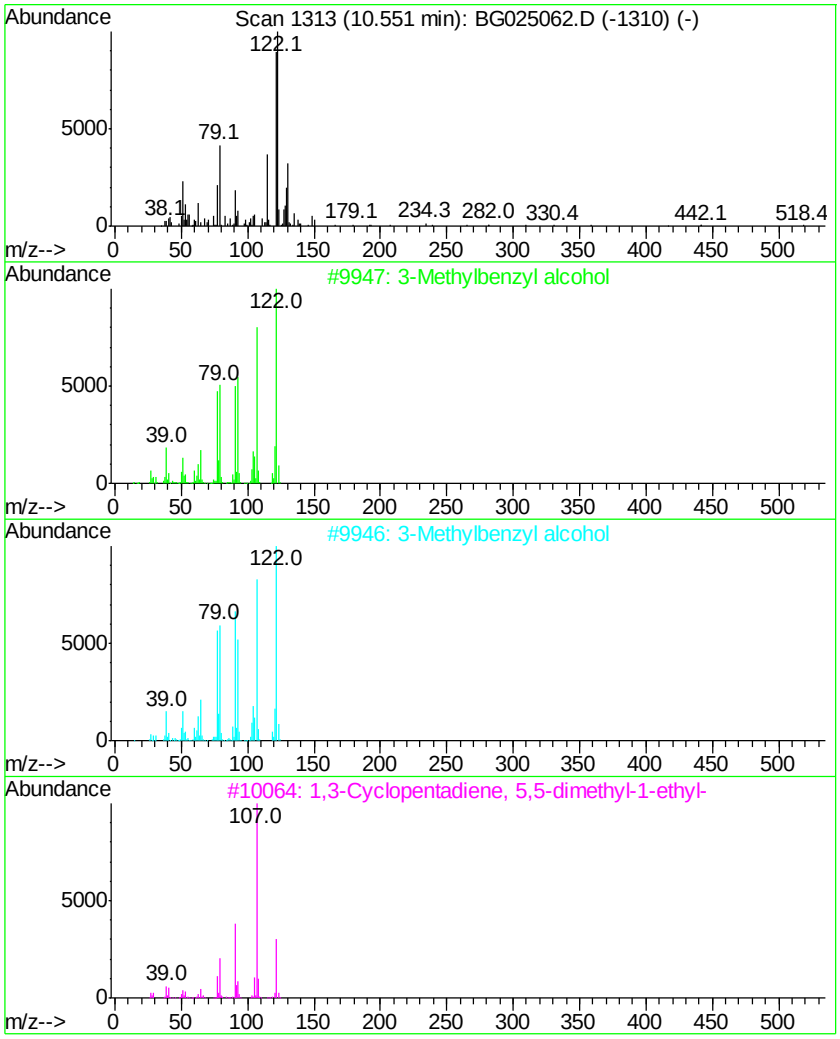
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

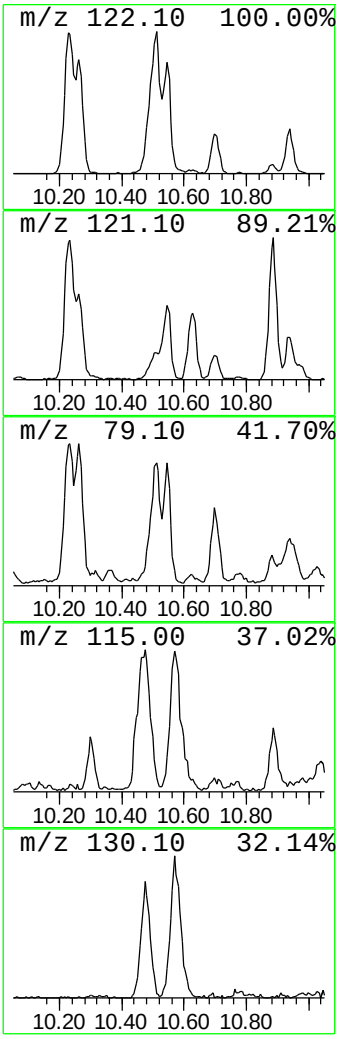
**********

Peak Number 10 3-Methylbenzyl alcohol Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.55 | 18.61 ng/ul | 3253100 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methylbenzyl alcohol | 122 | C8H10O | 000587-03-1 | 91 |
| 2 | 3-Methylbenzyl alcohol | 122 | C8H10O | 000587-03-1 | 90 |
| 3 | 1,3-Cyclopentadiene, 5,5-dimethy... | 122 | C9H14 | 1000162-25-7 | 87 |
| 4 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 87 |
| 5 | 1,3-Cyclopentadiene, 5,5-dimethy... | 122 | C9H14 | 1000162-25-6 | 83 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

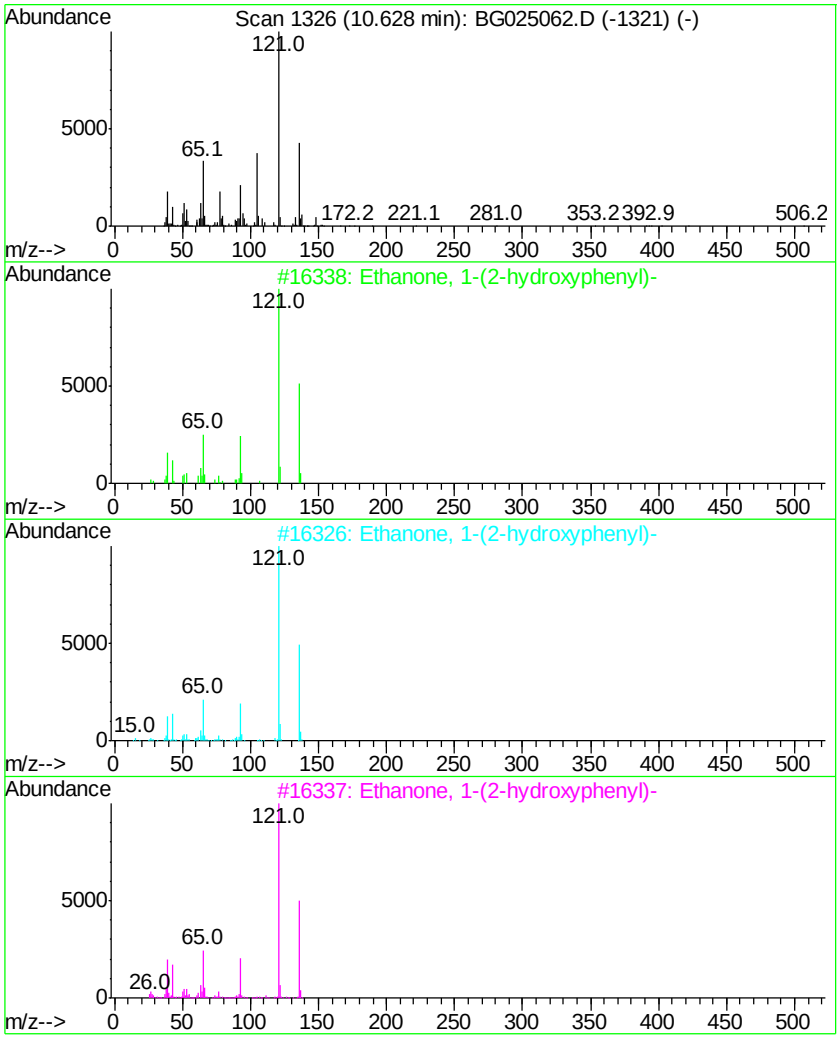
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

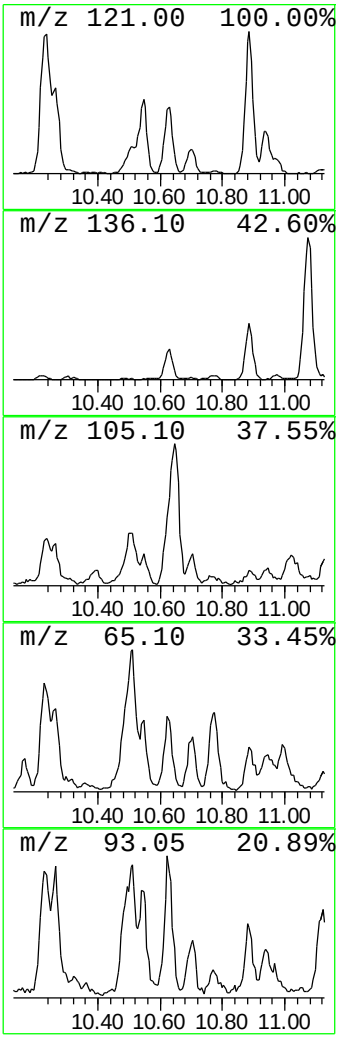
**********

Peak Number 11 Ethanone, 1-(2-hydroxyphenyl)- Concentration Rank 76

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.63 | 6.29 ng/ul | 1099540 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-(2-hydroxyphenyl)- | 136 | C8H8O2 | 000118-93-4 | 81 |
| 2 | Ethanone, 1-(2-hydroxyphenyl)- | 136 | C8H8O2 | 000118-93-4 | 81 |
| 3 | Ethanone, 1-(2-hydroxyphenyl)- | 136 | C8H8O2 | 000118-93-4 | 81 |
| 4 | 2,4,6-Octatriene, 2,6-dimethyl-,... | 136 | C10H16 | 007216-56-0 | 74 |
| 5 | 2,4,6-Octatriene, 2,6-dimethyl- | 136 | C10H16 | 000673-84-7 | 74 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

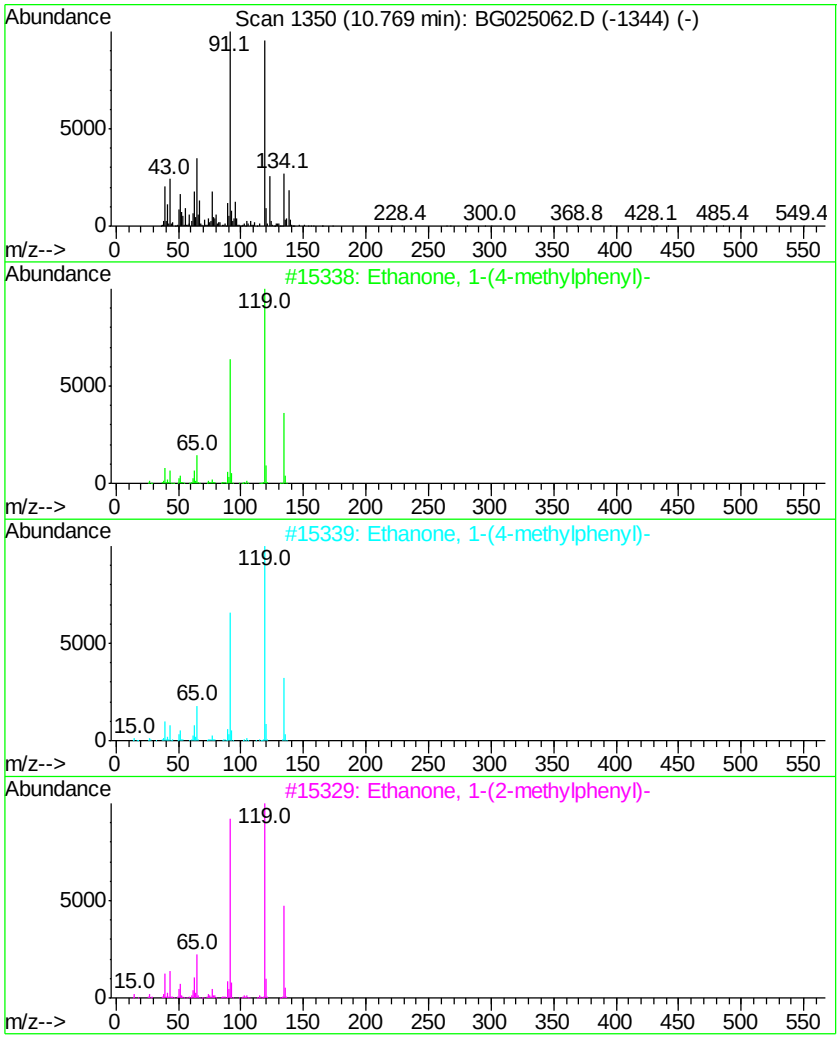
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

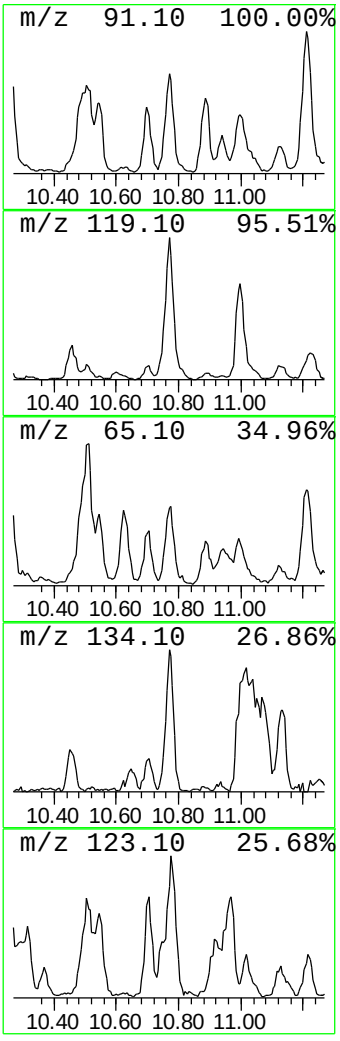
**********

Peak Number 12 Ethanone, 1-(4-methylphenyl)- Concentration Rank 70

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.77 | 11.66 ng/ul | 2038340 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-(4-methylphenyl)- | 134 | C9H10O | 000122-00-9 | 93 |
| 2 | Ethanone, 1-(4-methylphenyl)- | 134 | C9H10O | 000122-00-9 | 93 |
| 3 | Ethanone, 1-(2-methylphenyl)- | 134 | C9H10O | 000577-16-2 | 76 |
| 4 | Ethanone, 1-(4-methylphenyl)- | 134 | C9H10O | 000122-00-9 | 76 |
| 5 | Ethanone, 1-(2-methylphenyl)- | 134 | C9H10O | 000577-16-2 | 76 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

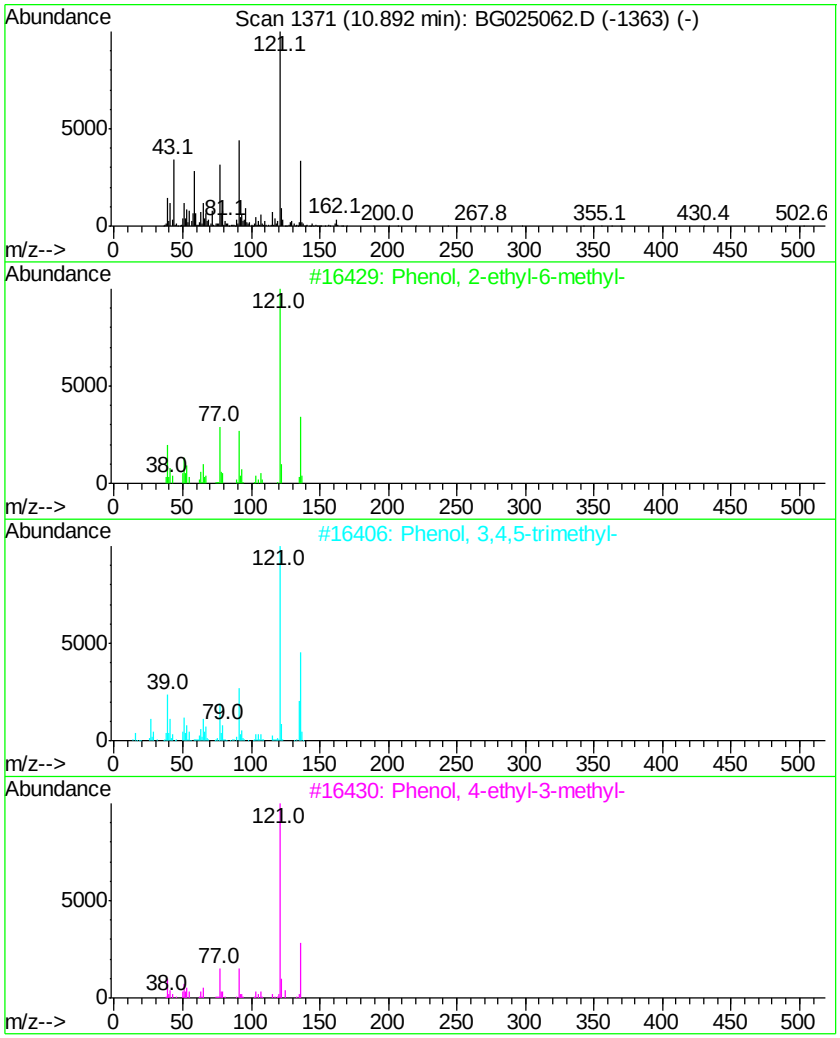
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

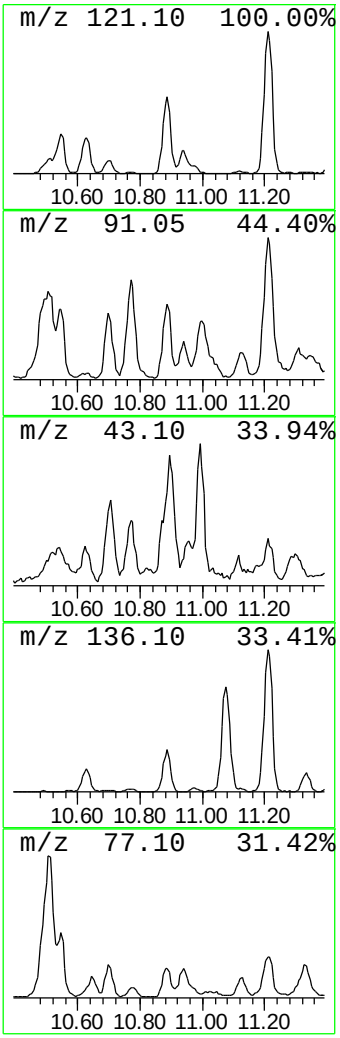
**********

Peak Number 13 Phenol, 2-ethyl-6-methyl- Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.89 | 18.83 ng/ul | 3290860 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 94 |
| 2 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 87 |
| 3 | Phenol, 4-ethyl-3-methyl- | 136 | C9H12O | 001123-94-0 | 87 |
| 4 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 86 |
| 5 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 86 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

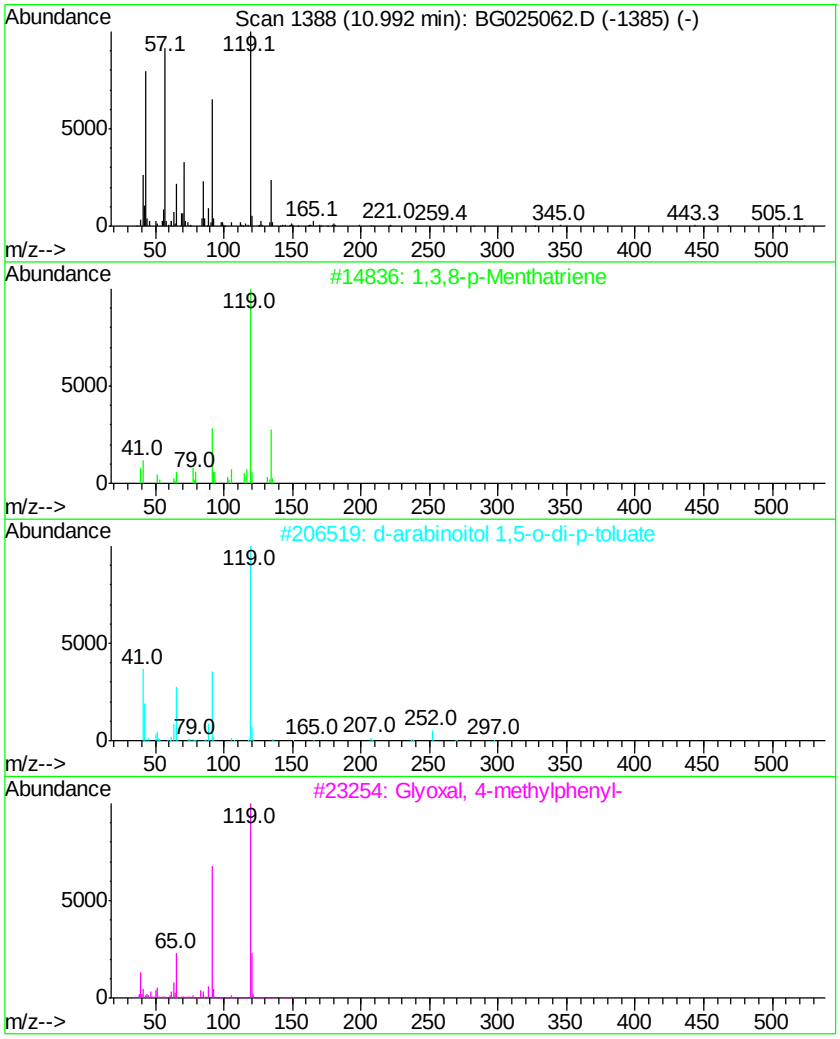
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

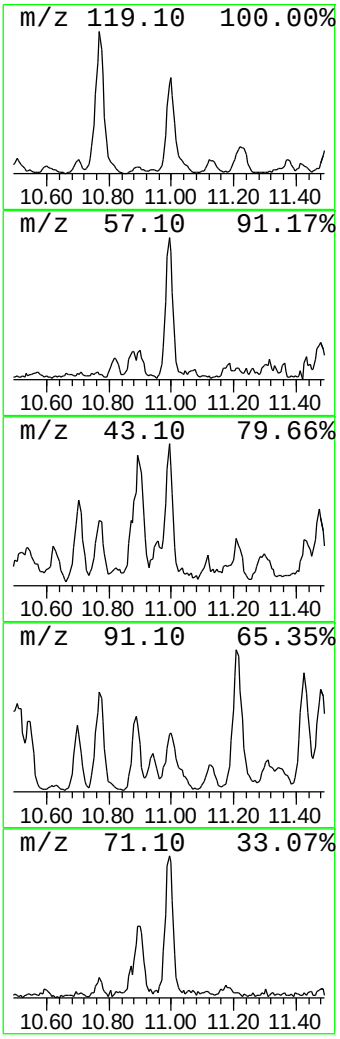
**********

Peak Number 15 unknown-01 Concentration Rank 71

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.99 | 10.46 ng/ul | 1828620 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3,8-p-Menthatriene | 134 | C10H14 | 018368-95-1 | 46 |
| 2 | d-arabinoitol 1,5-o-di-p-toluate | 388 | C21H24O7 | 1000129-90-4 | 43 |
| 3 | Glyoxal, 4-methylphenyl- | 148 | C9H8O2 | 001075-47-4 | 43 |
| 4 | Propiophenone, 2'-methyl- | 148 | C10H12O | 002040-14-4 | 38 |
| 5 | Ethanone, 1-(4-methylphenyl)- | 134 | C9H10O | 000122-00-9 | 25 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

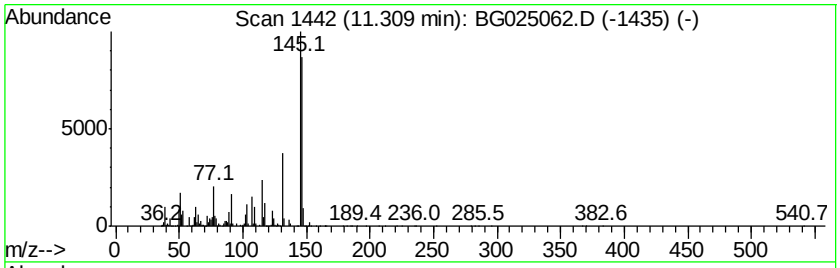
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

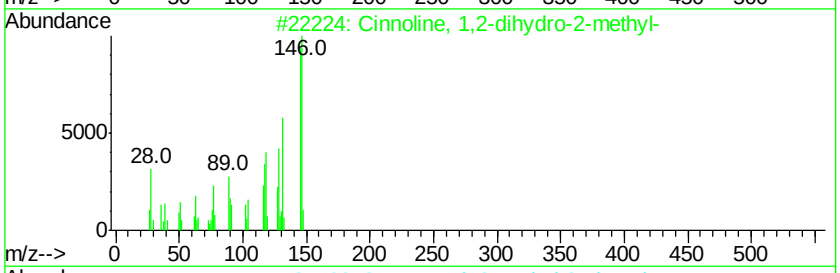
**********

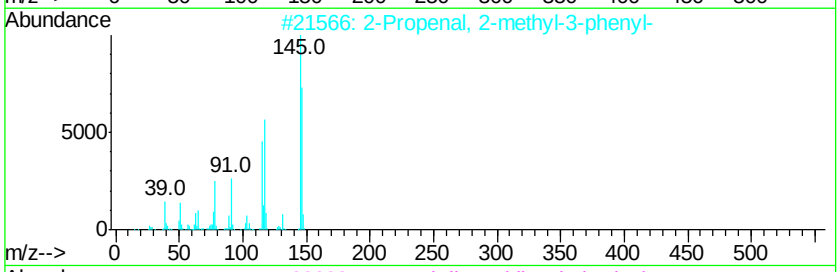
Peak Number 16 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 40

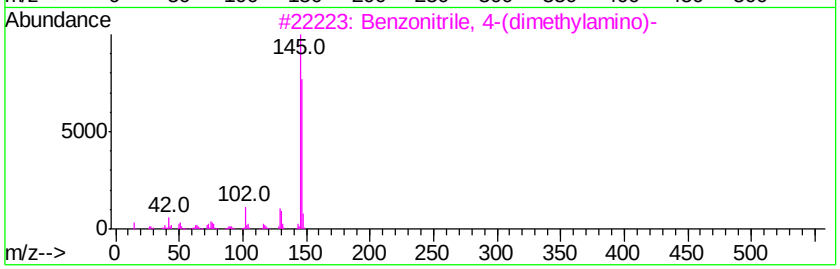
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.31 | 28.22 ng/ul | 4933100 | Naphthalene-d8 | 11.07 |

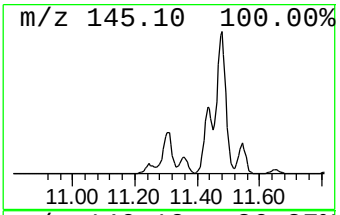
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cinnoline, 1,2-dihydro-2-methyl- | 146 | C9H10N2 | 054063-10-4 | 64 |
| 2 | 2-Propenal, 2-methyl-3-phenyl- | 146 | C10H10O | 000101-39-3 | 50 |
| 3 | Benzonitrile, 4-(dimethylamino)- | 146 | C9H10N2 | 001197-19-9 | 47 |
| 4 | 1H-Indazole, 5,7-dimethyl- | 146 | C9H10N2 | 043067-41-0 | 43 |
| 5 | 1H-Pyrazole, 4,5-dihydro-3-phenyl- | 146 | C9H10N2 | 000936-48-1 | 38 |

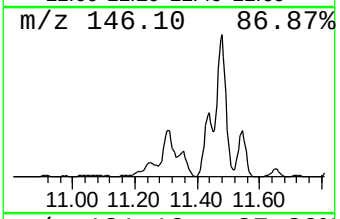


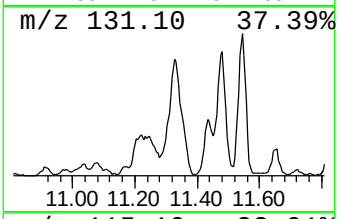



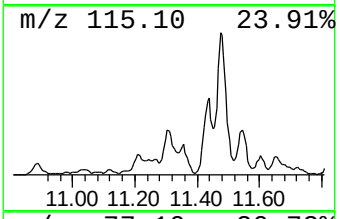



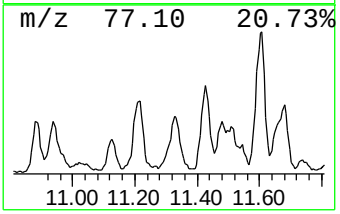



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

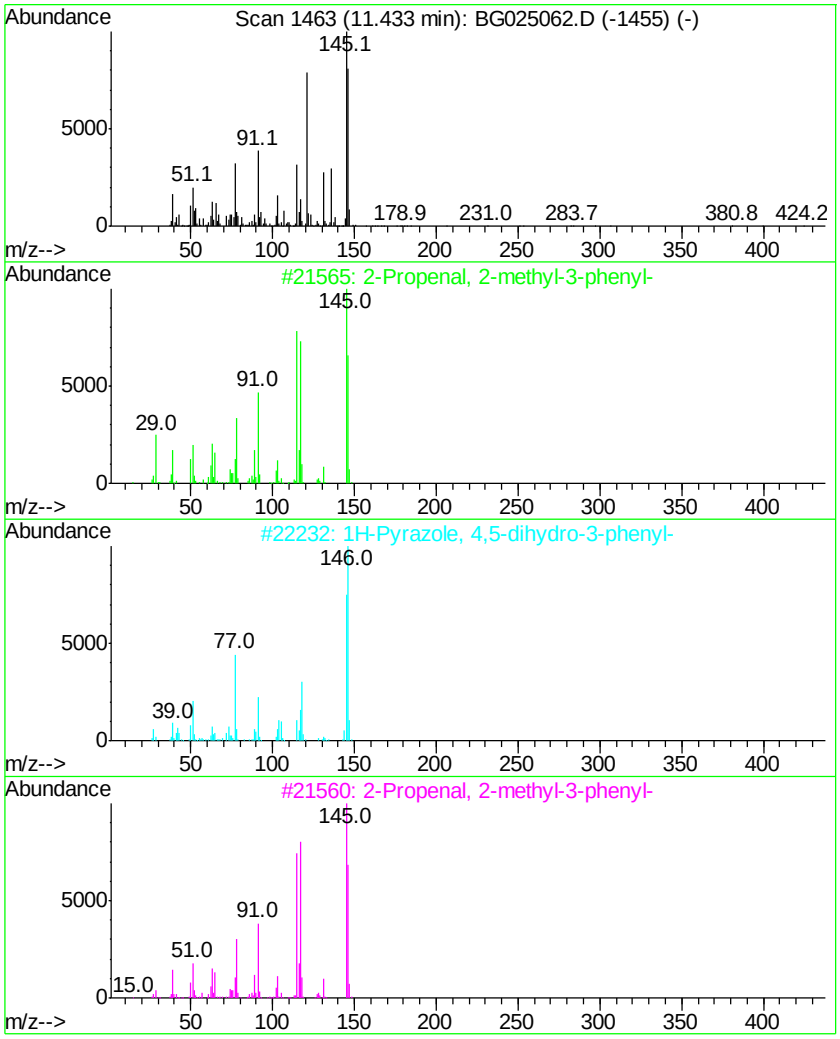
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

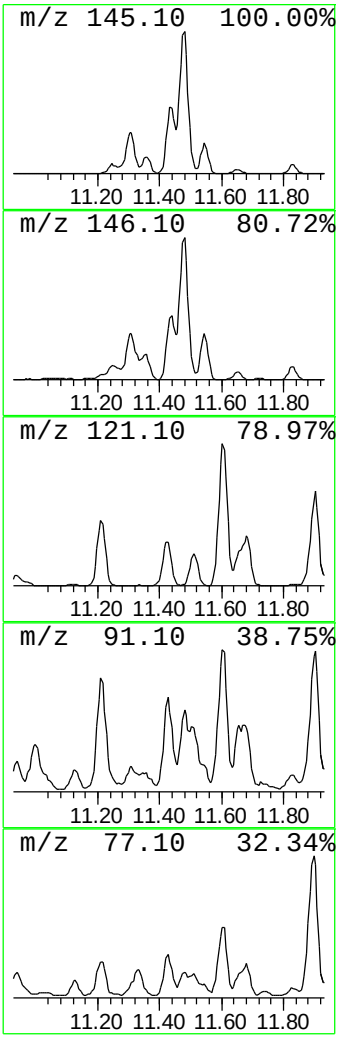
**********

Peak Number 17 unknown-02 Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.43 | 35.24 ng/ul | 6159270 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propenal, 2-methyl-3-phenyl- | 146 | C10H10O | 000101-39-3 | 46 |
| 2 | 1H-Pyrazole, 4,5-dihydro-3-phenyl- | 146 | C9H10N2 | 000936-48-1 | 43 |
| 3 | 2-Propenal, 2-methyl-3-phenyl- | 146 | C10H10O | 000101-39-3 | 43 |
| 4 | 1H-Benzimidazole, 2-ethyl- | 146 | C9H10N2 | 001848-84-6 | 43 |
| 5 | Benzonitrile, 4-(dimethylamino)- | 146 | C9H10N2 | 001197-19-9 | 35 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

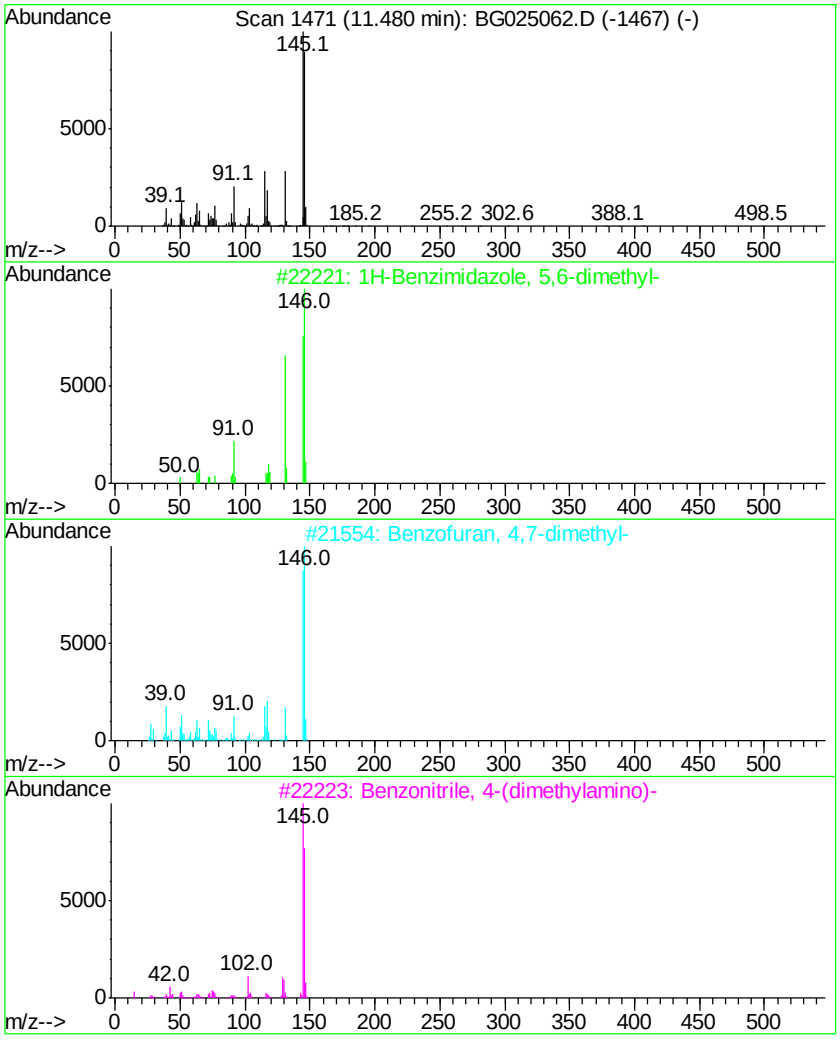
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

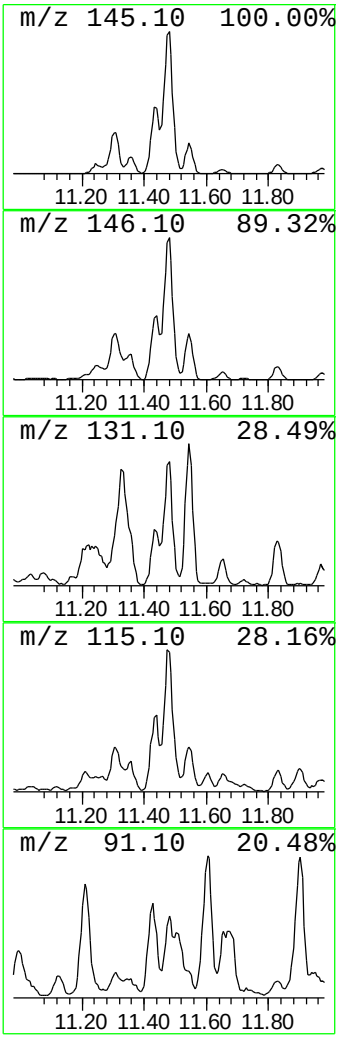
**********

Peak Number 18 1H-Benzimidazole, 5,6-dimet... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.48 | 38.56 ng/ul | 6739540 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Benzimidazole, 5,6-dimethyl- | 146 | C9H10N2 | 000582-60-5 | 64 |
| 2 | Benzofuran, 4,7-dimethyl- | 146 | C10H10O | 028715-26-6 | 62 |
| 3 | Benzonitrile, 4-(dimethylamino)- | 146 | C9H10N2 | 001197-19-9 | 58 |
| 4 | Benzonitrile, 4-(dimethylamino)- | 146 | C9H10N2 | 001197-19-9 | 53 |
| 5 | Cinnoline, 1,2-dihydro-2-methyl- | 146 | C9H10N2 | 054063-10-4 | 50 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

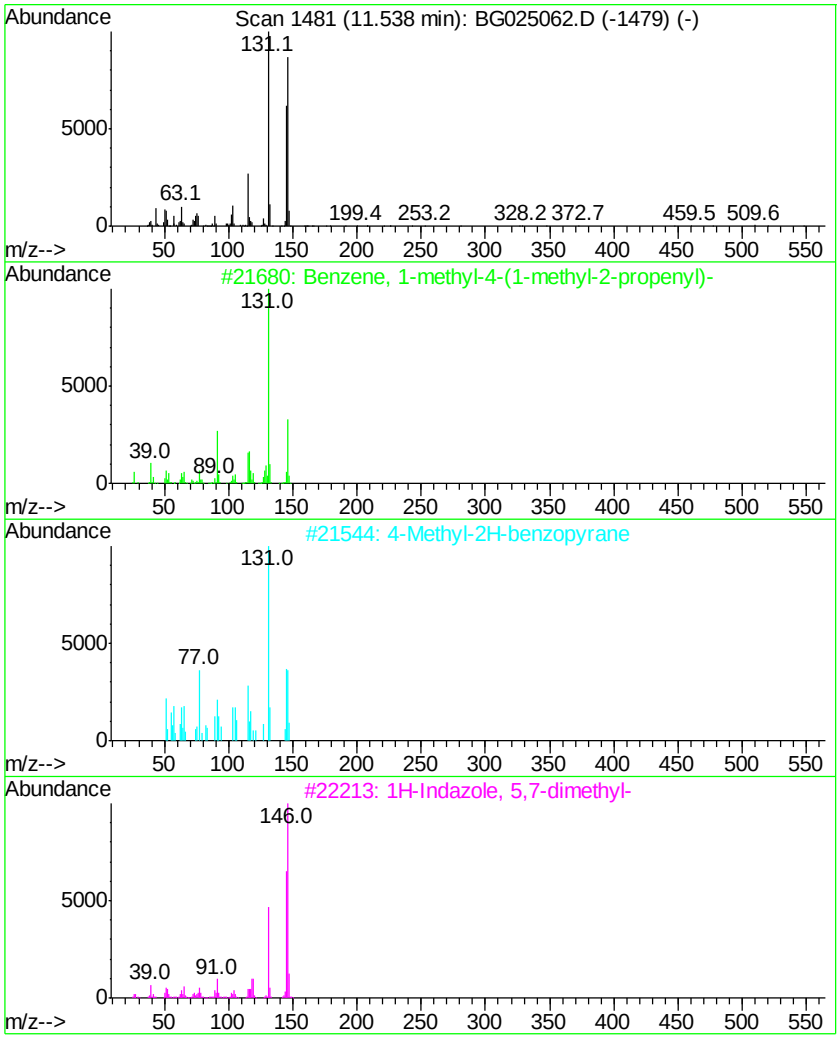
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

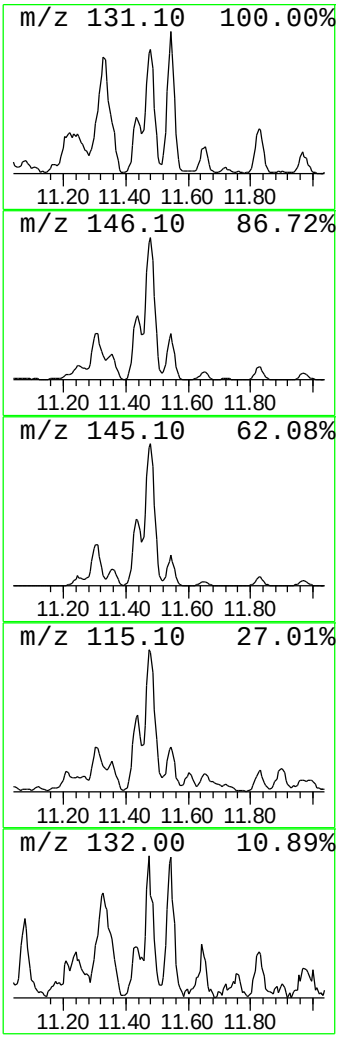
**********

Peak Number 19 Benzene, 1-methyl-4-(1-meth... Concentration Rank 74

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.54 | 8.42 ng/ul | 1471220 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 59 |
| 2 | 4-Methyl-2H-benzopyrane | 146 | C10H10O | 021776-94-3 | 56 |
| 3 | 1H-Indazole, 5,7-dimethyl- | 146 | C9H10N2 | 043067-41-0 | 50 |
| 4 | 1H-Benzimidazole, 5,6-dimethyl- | 146 | C9H10N2 | 000582-60-5 | 50 |
| 5 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 45 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

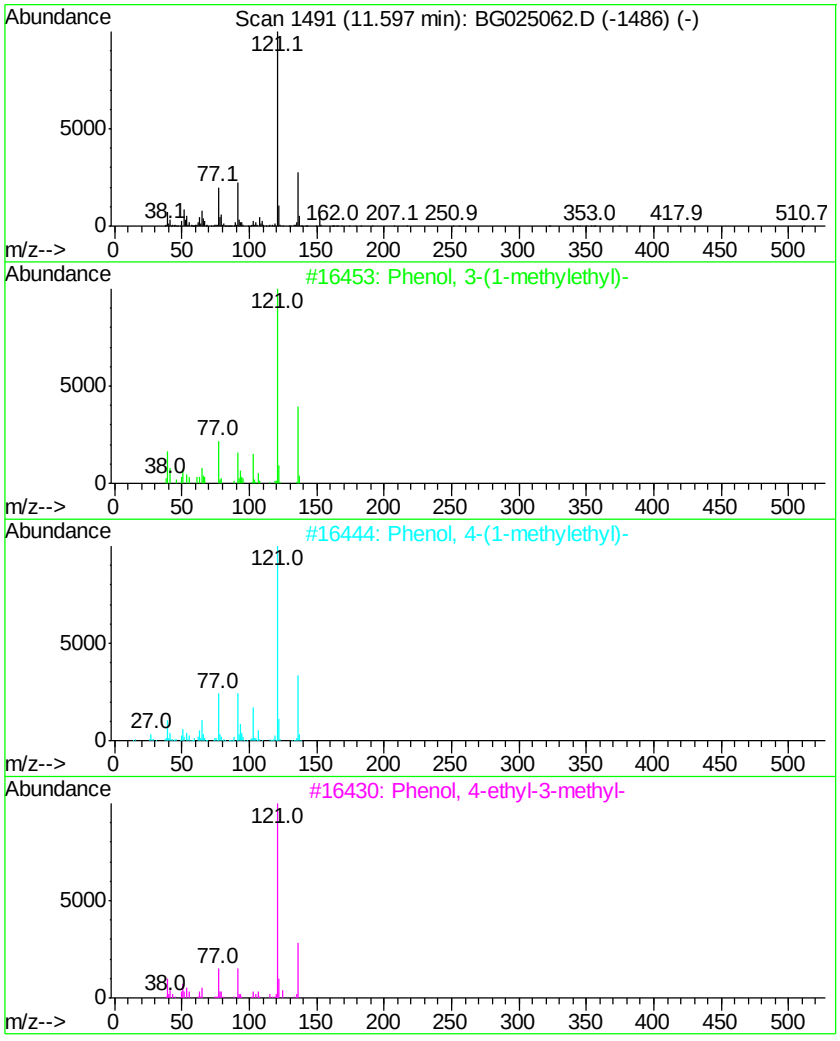
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

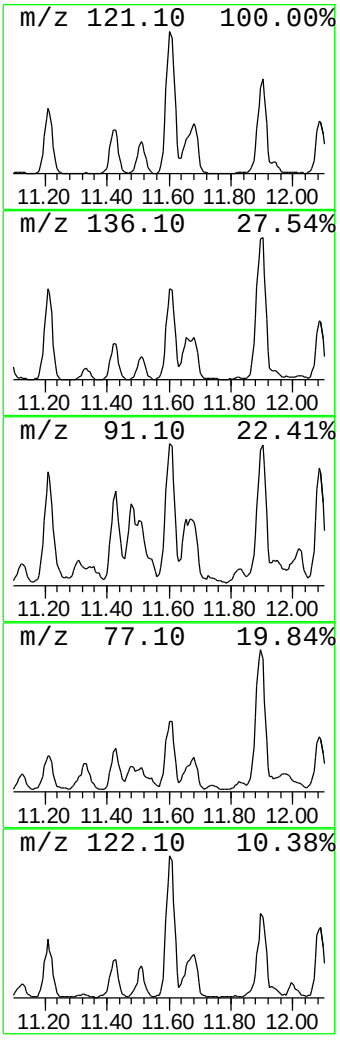
**********

Peak Number 20 Phenol, 3-(1-methylethyl)- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.60 | 37.06 ng/ul | 6476960 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 91 |
| 2 | Phenol, 4-(1-methylethyl)- | 136 | C9H12O | 000099-89-8 | 91 |
| 3 | Phenol, 4-ethyl-3-methyl- | 136 | C9H12O | 001123-94-0 | 90 |
| 4 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 90 |
| 5 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 90 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

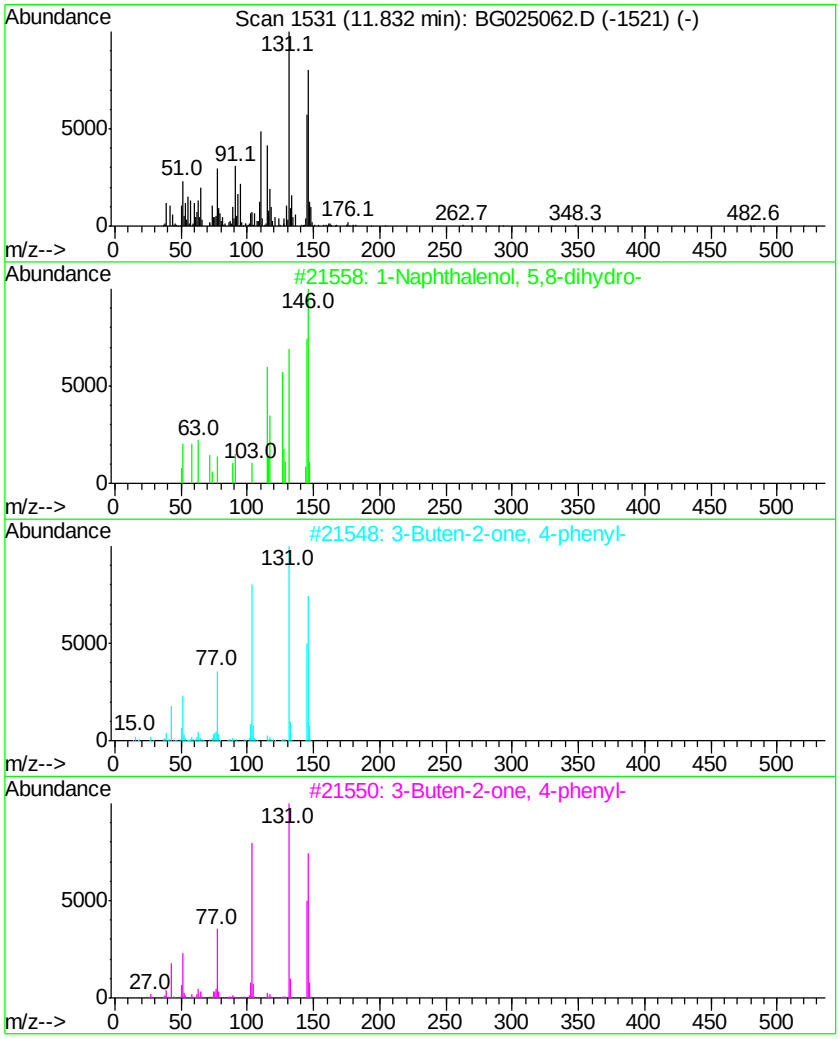
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

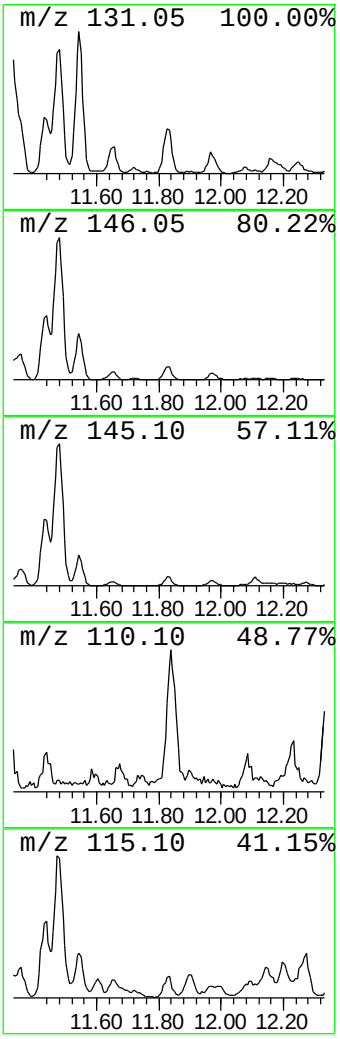
**********

Peak Number 22 1-Naphthalenol, 5,8-dihydro- Concentration Rank 73

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.83 | 9.03 ng/ul | 1577610 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Naphthalenol, 5,8-dihydro- | 146 | C10H10O | 027673-48-9 | 83 |
| 2 | 3-Buten-2-one, 4-phenyl- | 146 | C10H10O | 000122-57-6 | 60 |
| 3 | 3-Buten-2-one, 4-phenyl- | 146 | C10H10O | 000122-57-6 | 60 |
| 4 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 55 |
| 5 | 1H-Benzimidazole, 5,6-dimethyl- | 146 | C9H10N2 | 000582-60-5 | 53 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

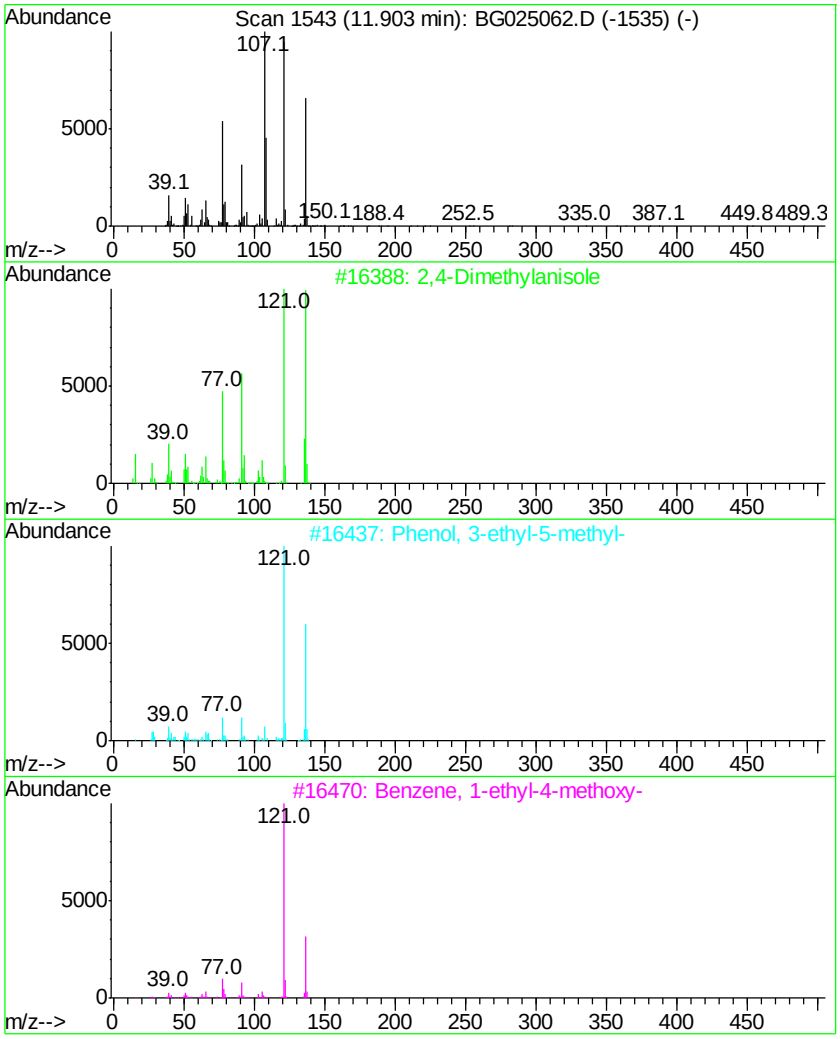
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

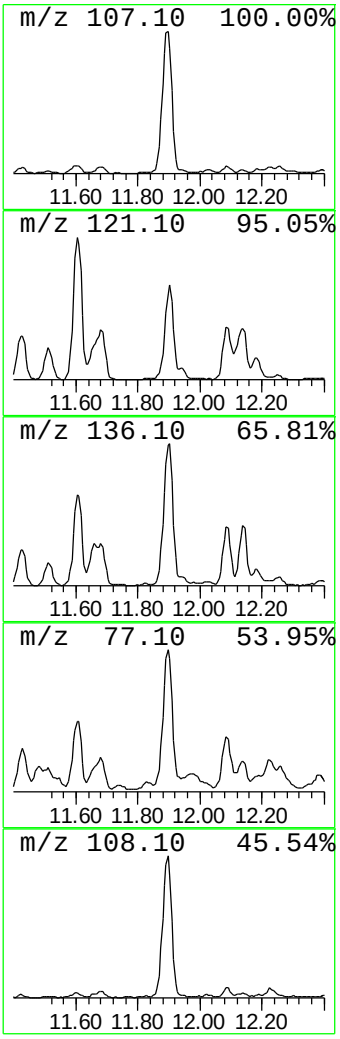
**********

Peak Number 23 unknown-03 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.90 | 61.16 ng/ul | 10689700 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Dimethylanisole | 136 | C9H12O | 006738-23-4 | 49 |
| 2 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 49 |
| 3 | Benzene, 1-ethyl-4-methoxy- | 136 | C9H12O | 001515-95-3 | 49 |
| 4 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 46 |
| 5 | 2-Ethylphenol, methyl ether | 136 | C9H12O | 1000333-44-2 | 45 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

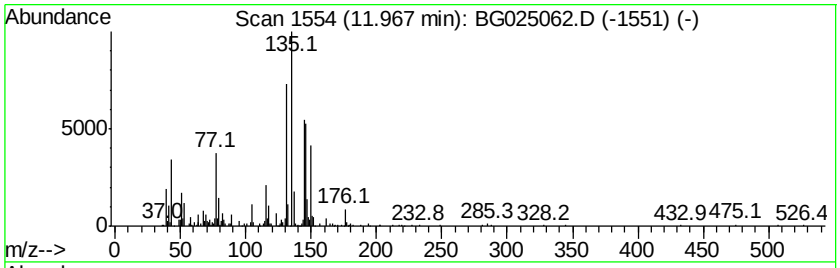
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

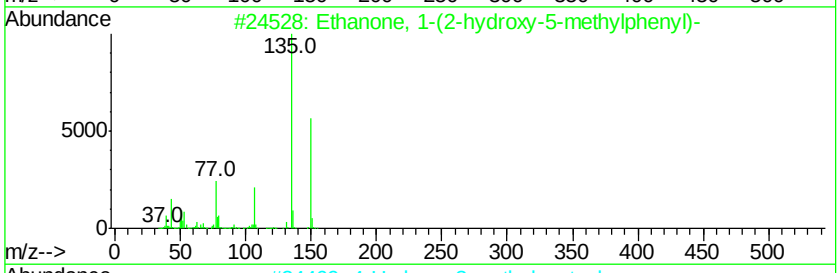
**********

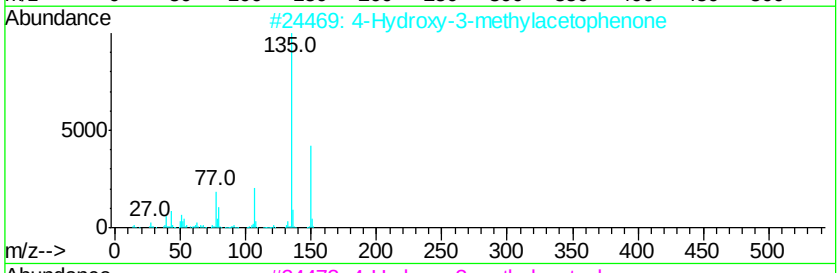
Peak Number 24 unknown-04 Concentration Rank 64

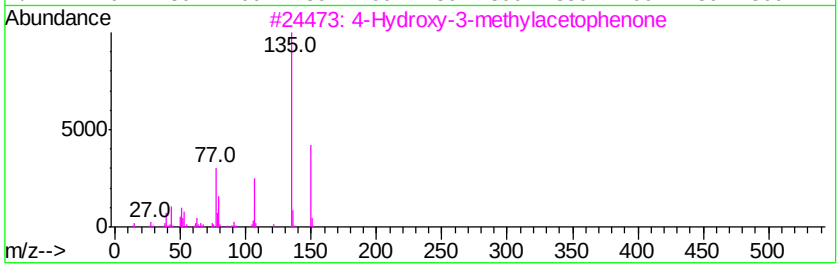
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.97 | 13.79 ng/ul | 2410980 | Naphthalene-d8 | 11.07 |

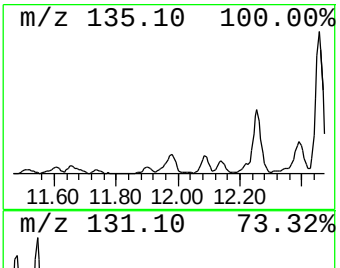
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-(2-hydroxy-5-methylp... | 150 | C9H10O2 | 001450-72-2 | 49 |
| 2 | 4-Hydroxy-3-methylacetophenone | 150 | C9H10O2 | 000876-02-8 | 46 |
| 3 | 4-Hydroxy-3-methylacetophenone | 150 | C9H10O2 | 000876-02-8 | 46 |
| 4 | 2,5-Diethylphenol | 150 | C10H14O | 000876-20-0 | 43 |
| 5 | 4-Hydroxy-2-methylacetophenone | 150 | C9H10O2 | 000875-59-2 | 43 |

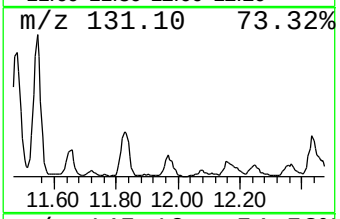


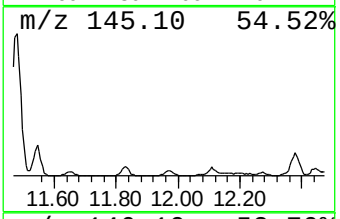



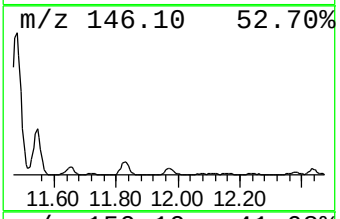



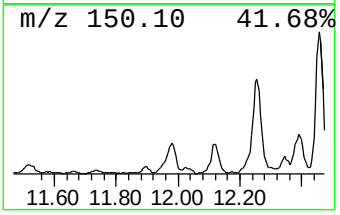



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

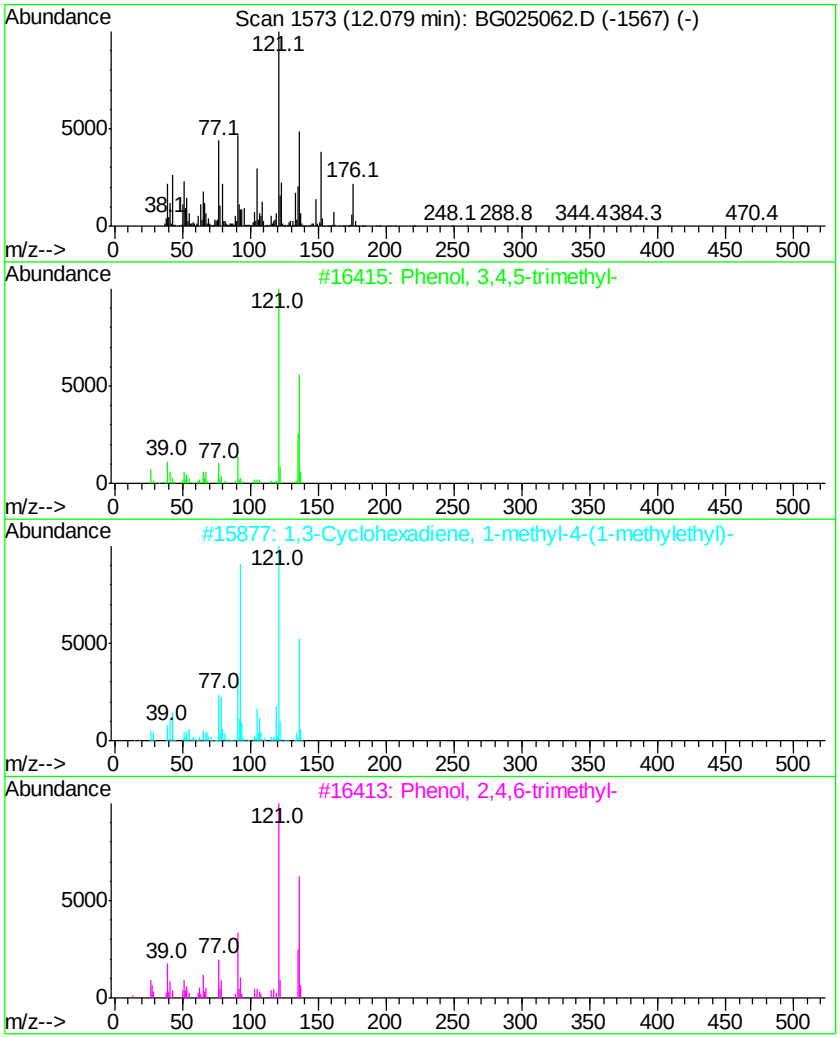
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

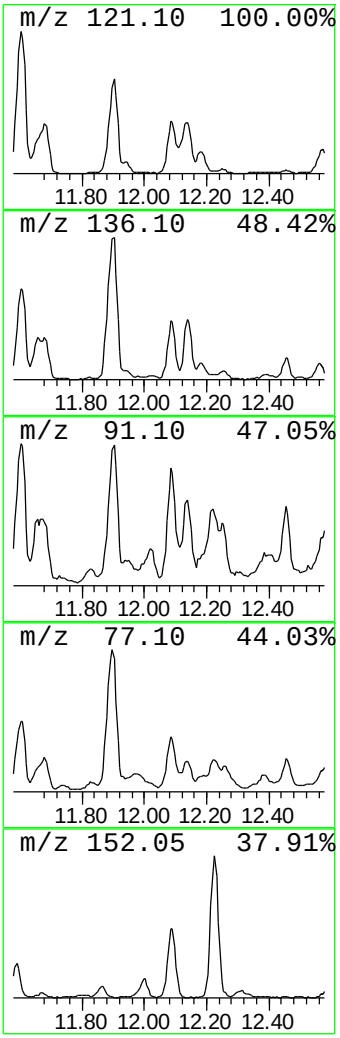
**********

Peak Number 25 Phenol, 3,4,5-trimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.08 | 41.03 ng/ul | 7171870 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 70 |
| 2 | 1,3-Cyclohexadiene, 1-methyl-4-(... | 136 | C10H16 | 000099-86-5 | 64 |
| 3 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 62 |
| 4 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 62 |
| 5 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 62 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

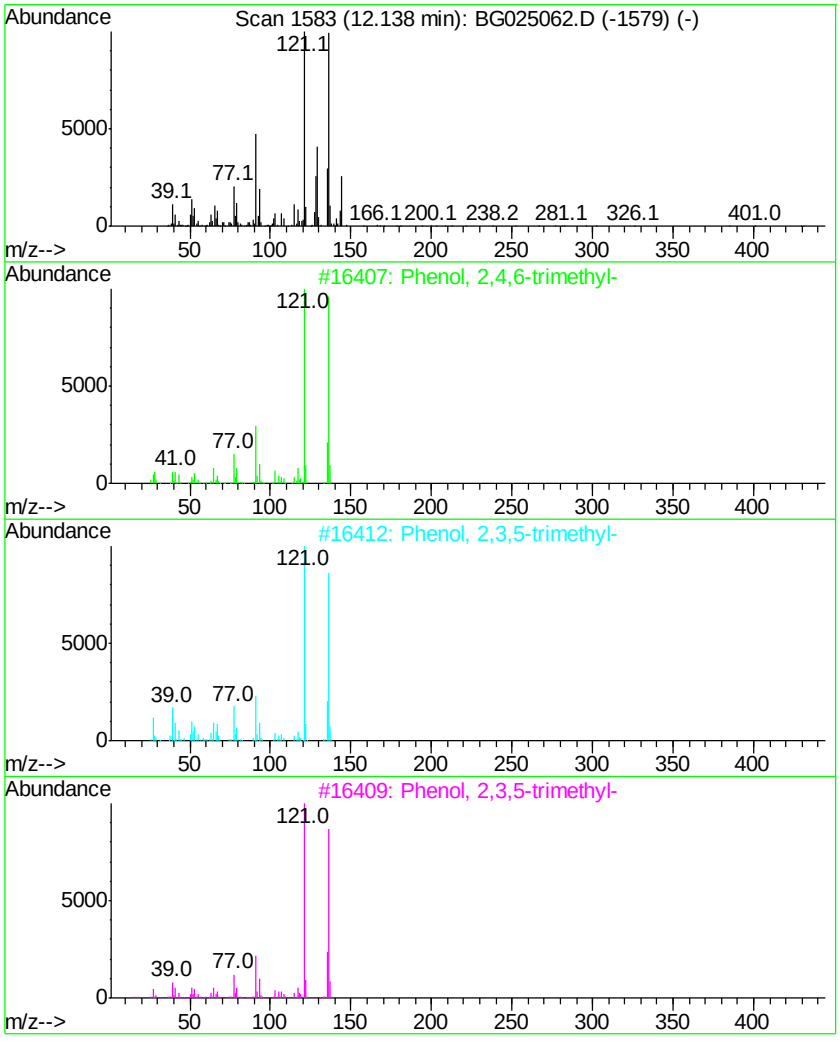
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

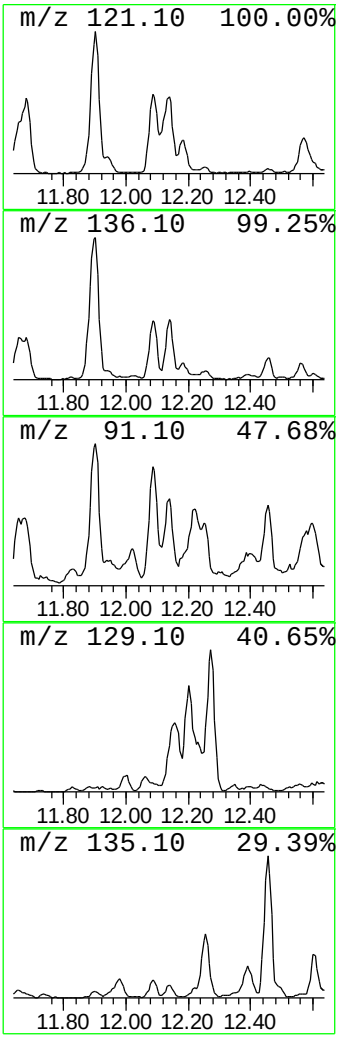
**********

Peak Number 26 Phenol, 2,4,6-trimethyl- Concentration Rank 62

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.14 | 14.88 ng/ul | 2601680 | Naphthalene-d8 | 11.07 |

| 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 | 93 |
| 3 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 93 |
| 4 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 92 |
| 5 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 92 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

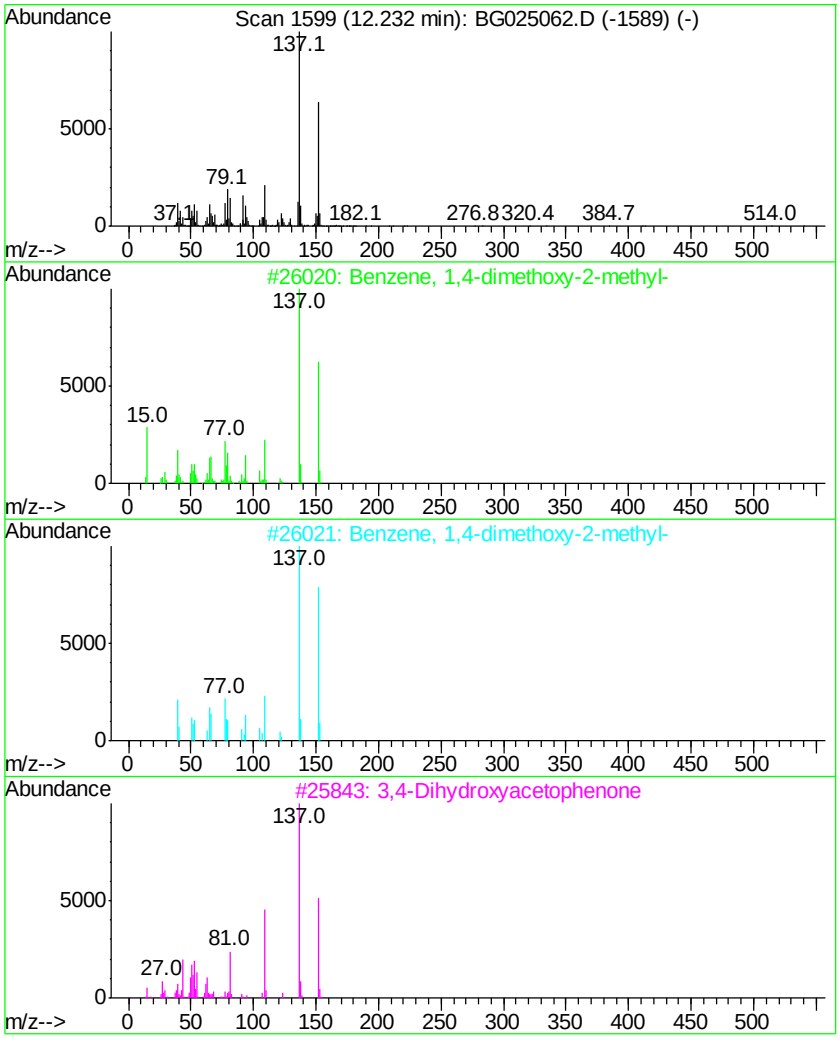
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

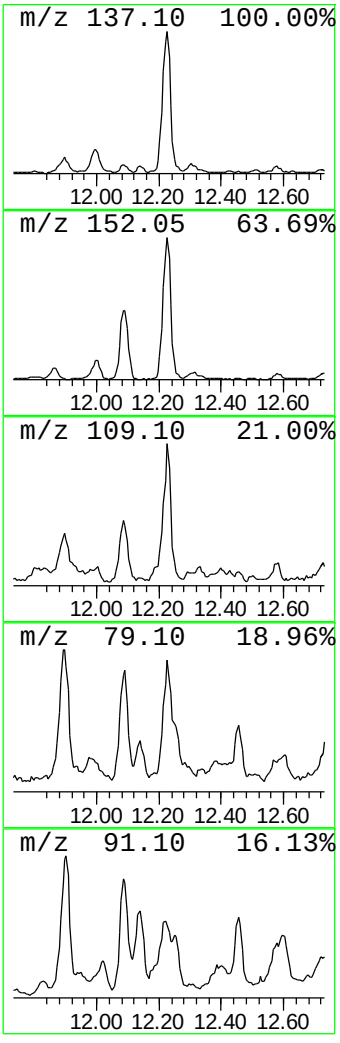
**********

Peak Number 27 Benzene, 1,4-dimethoxy-2-me... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.23 | 32.84 ng/ul | 5740410 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-dimethoxy-2-methyl- | 152 | C9H12O2 | 024599-58-4 | 83 |
| 2 | Benzene, 1,4-dimethoxy-2-methyl- | 152 | C9H12O2 | 024599-58-4 | 80 |
| 3 | 3,4-Dihydroxyacetophenone | 152 | C8H8O3 | 001197-09-7 | 76 |
| 4 | Ethanone, 1-(2,5-dihydroxyphenyl)- | 152 | C8H8O3 | 000490-78-8 | 68 |
| 5 | Acetaldehyde, (3,3-dimethylcyclo... | 152 | C10H16O | 026532-24-1 | 64 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

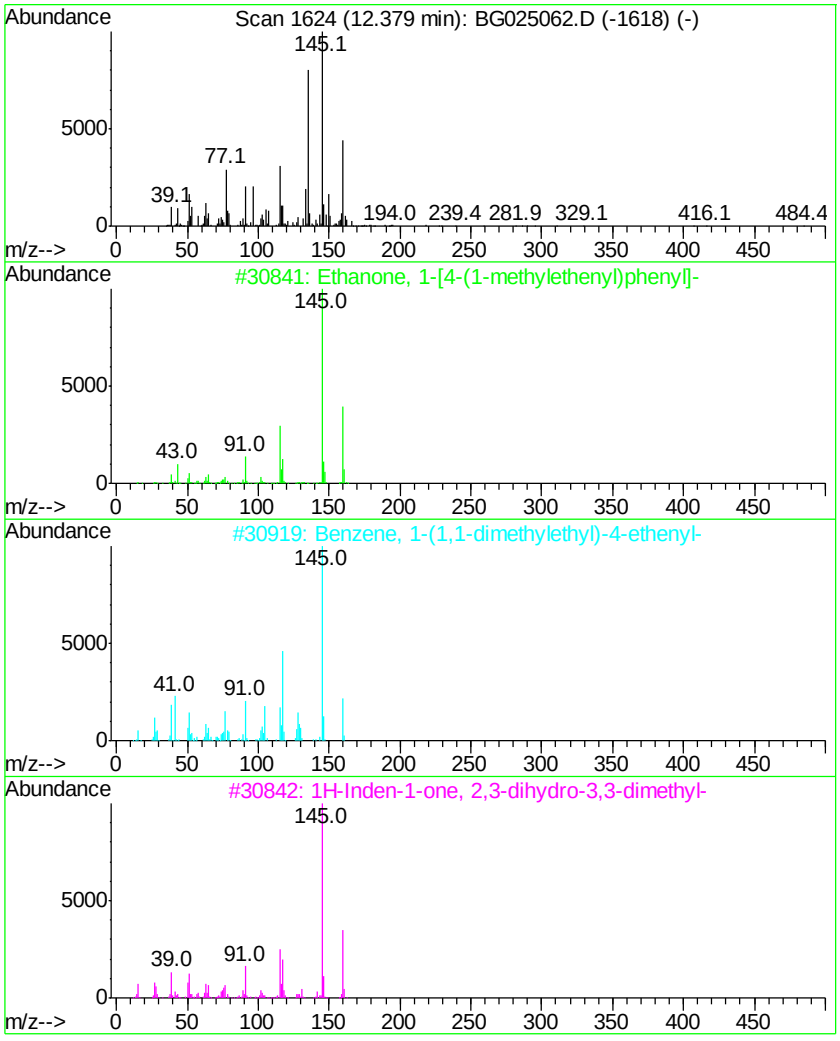
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

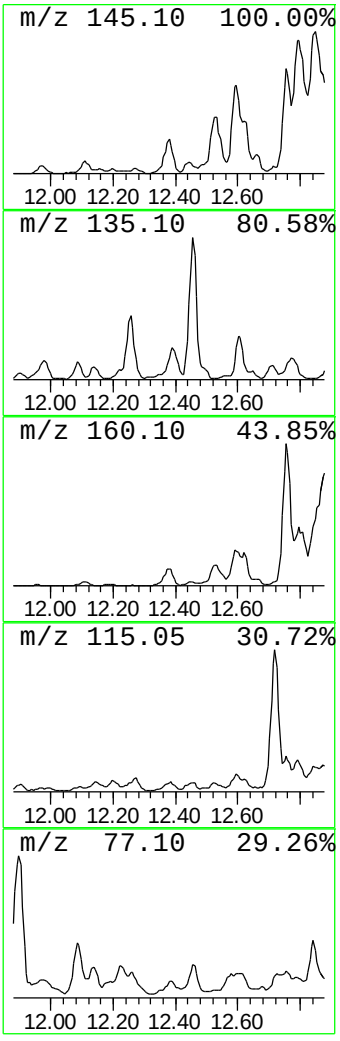
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Ethanone, 1-[4-(1-methyleth... Concentration Rank 72

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.38 | 10.41 ng/ul | 1819790 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-[4-(1-methylethenyl)... | 160 | C11H12O | 005359-04-6 | 50 |
| 2 | Benzene, 1-(1,1-dimethylethyl)-4... | 160 | C12H16 | 001746-23-2 | 50 |
| 3 | 1H-Inden-1-one, 2,3-dihydro-3,3-... | 160 | C11H12O | 026465-81-6 | 50 |
| 4 | 1H-Inden-1-one, 2,3-dihydro-3,3-... | 160 | C11H12O | 026465-81-6 | 45 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16 | 021693-54-9 | 38 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

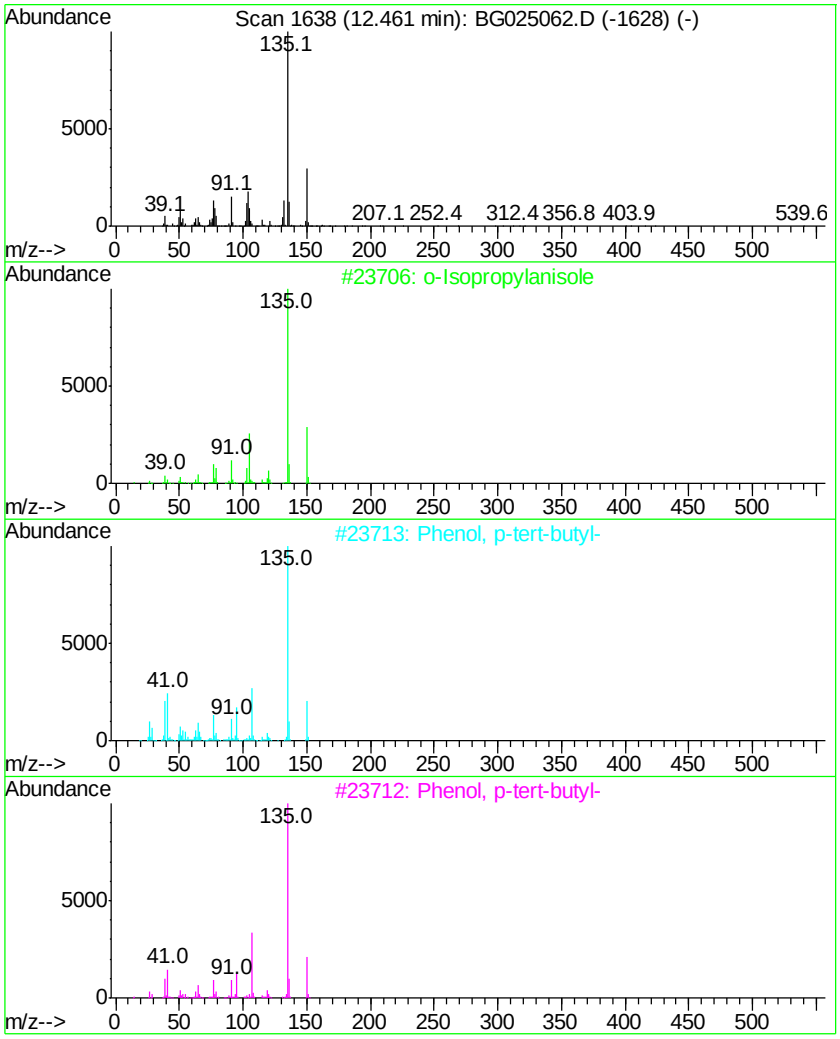
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

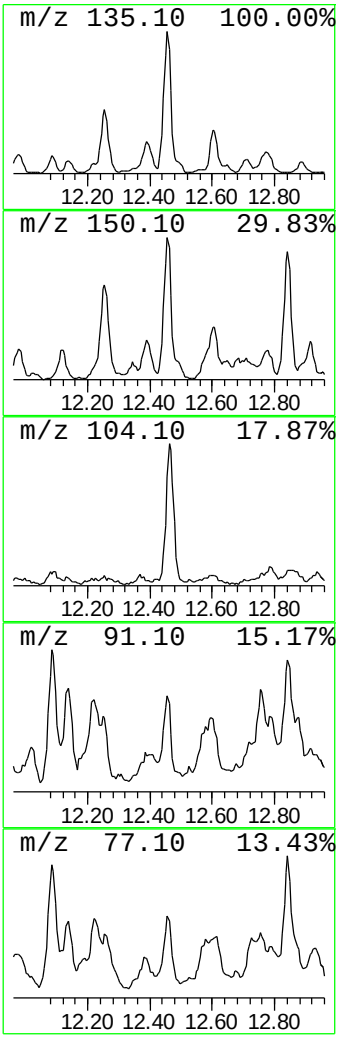
**********

Peak Number 29 o-Isopropylanisole Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.46 | 32.29 ng/ul | 5643570 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Isopropylanisole | 150 | C10H14O | 002944-47-0 | 83 |
| 2 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 64 |
| 3 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 64 |
| 4 | Benzene, 1-methoxy-4-(1-methylet... | 150 | C10H14O | 004132-48-3 | 64 |
| 5 | Thymol | 150 | C10H14O | 000089-83-8 | 64 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

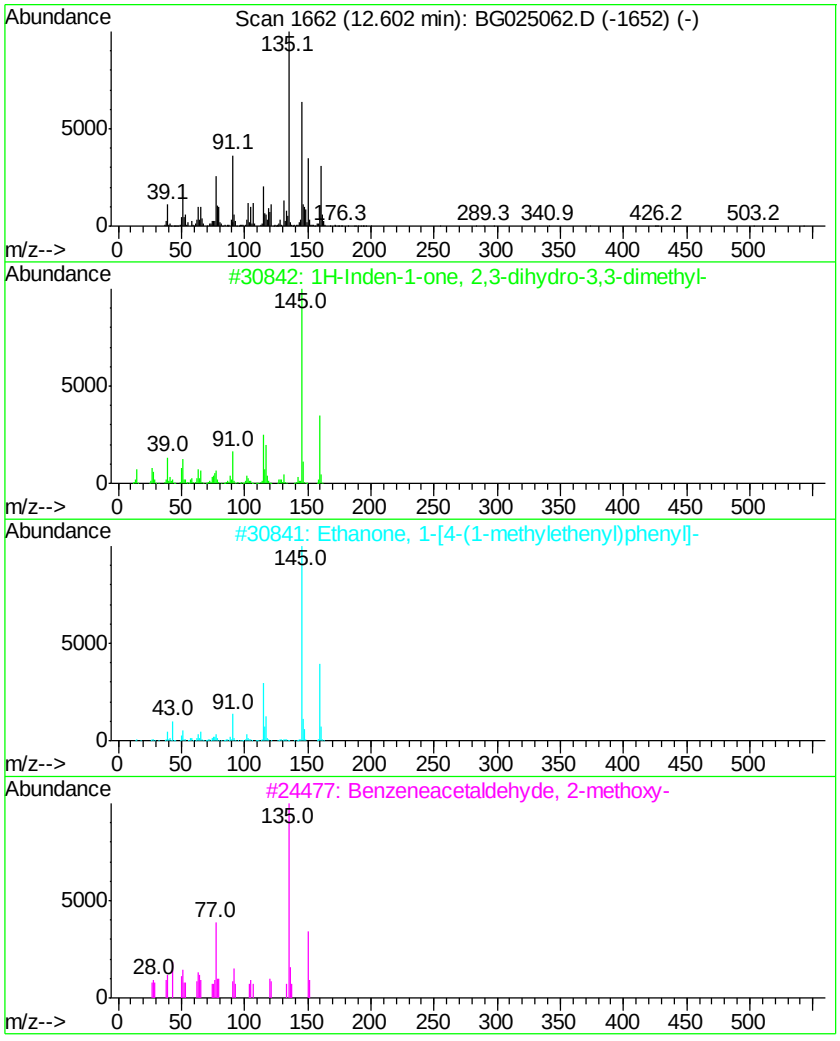
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

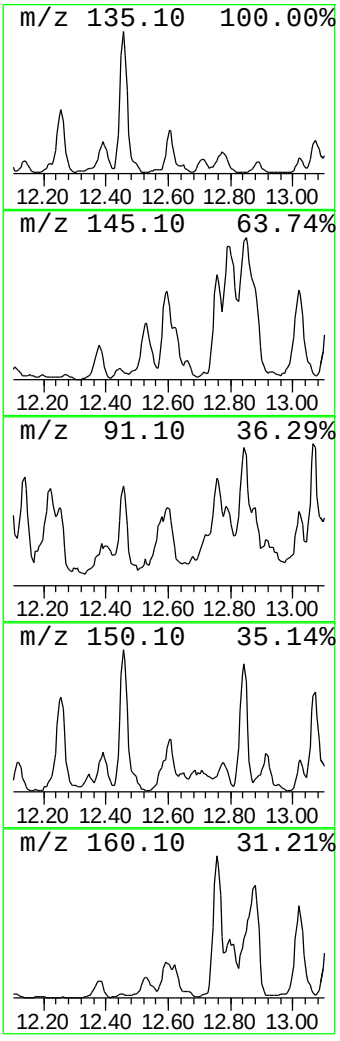
**********

Peak Number 30 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.60 | 29.52 ng/ul | 5159300 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydro-3,3-... | 160 | C11H12O | 026465-81-6 | 50 |
| 2 | Ethanone, 1-[4-(1-methylethenyl)... | 160 | C11H12O | 005359-04-6 | 43 |
| 3 | Benzeneacetaldehyde, 2-methoxy- | 150 | C9H10O2 | 033567-59-8 | 42 |
| 4 | 1H-Benzimidazole, 2-(1-methyleth... | 160 | C10H12N2 | 005851-43-4 | 41 |
| 5 | FENAZAQUIN | 306 | C20H22N2O | 120928-09-8 | 38 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

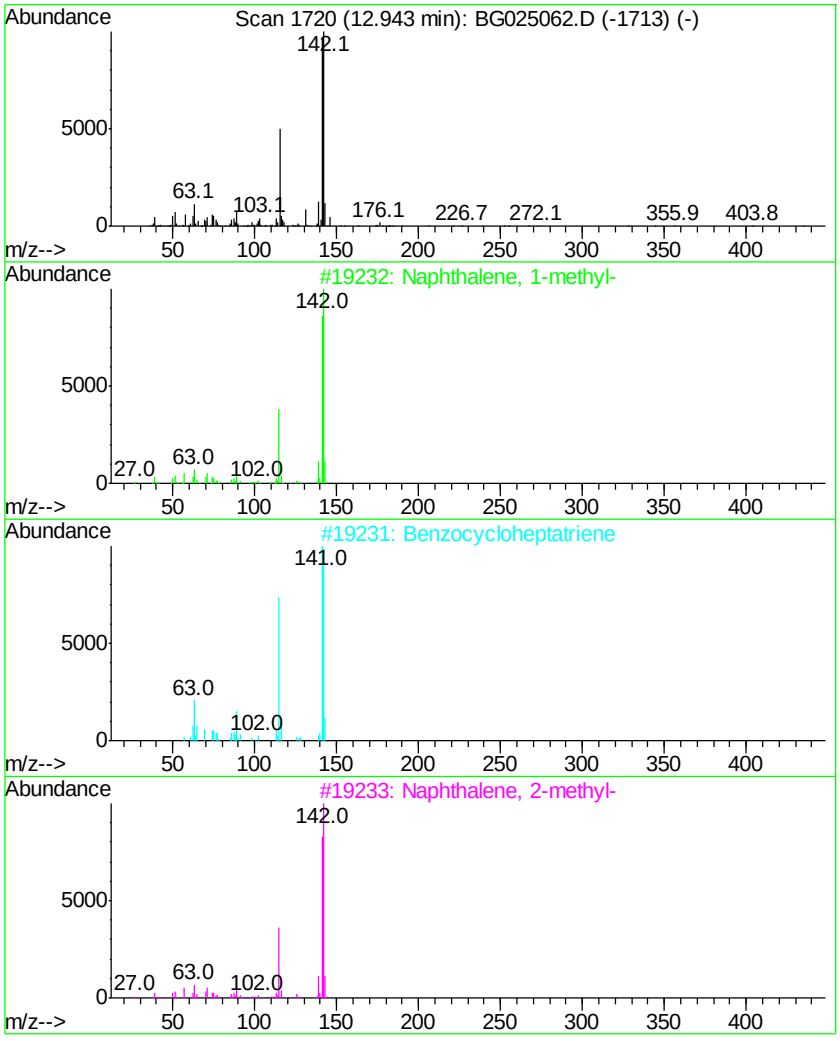
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

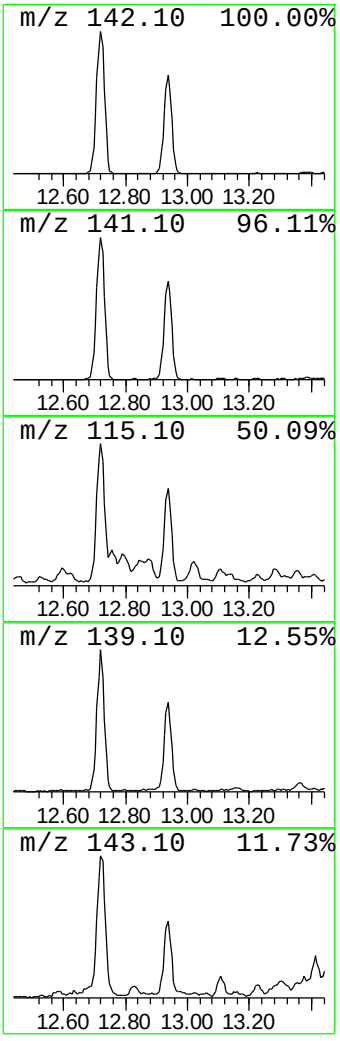
**********

Peak Number 33 Naphthalene, 1-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.94 | 41.01 ng/ul | 7167140 | Naphthalene-d8 | 11.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 97 |
| 2 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 93 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 93 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 93 |
| 5 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 93 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

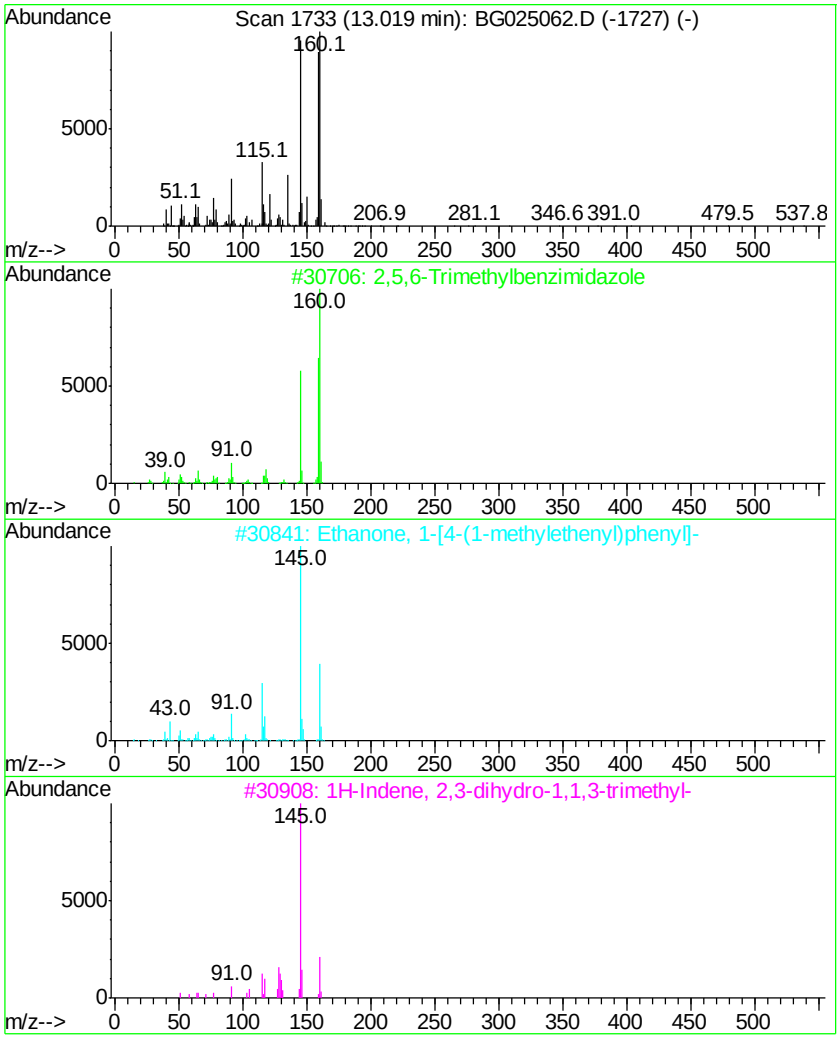
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

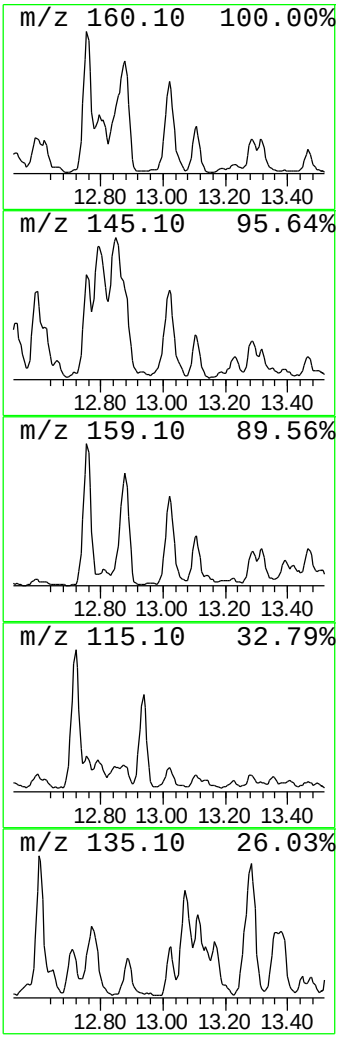
**********

Peak Number 34 2,5,6-Trimethylbenzimidazole Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.02 | 41.67 ng/ul | 3521910 | Acenaphthene-d10 | 14.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,5,6-Trimethylbenzimidazole | 160 | C10H12N2 | 003363-56-2 | 81 |
| 2 | Ethanone, 1-[4-(1-methylethenyl)... | 160 | C11H12O | 005359-04-6 | 49 |
| 3 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16 | 002613-76-5 | 49 |
| 4 | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16 | 001129-29-9 | 46 |
| 5 | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16 | 014679-13-1 | 46 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

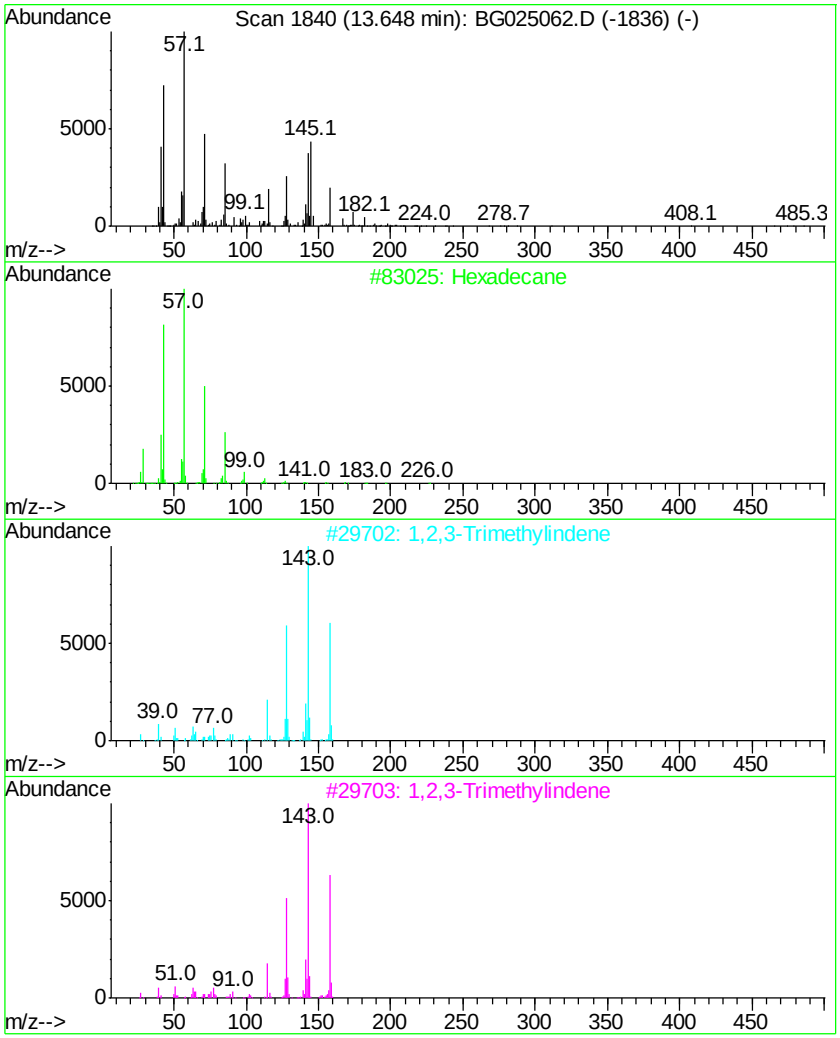
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

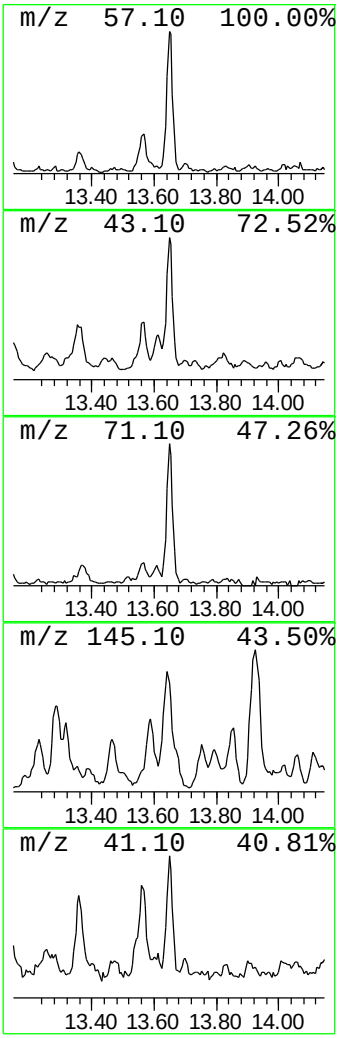
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.65 | 33.37 ng/ul | 2820080 | Acenaphthene-d10 | 14.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 59 |
| 2 | 1,2,3-Trimethylindene | 158 | C12H14 | 004773-83-5 | 55 |
| 3 | 1,2,3-Trimethylindene | 158 | C12H14 | 004773-83-5 | 50 |
| 4 | 1H-Indene, 1,1,3-trimethyl- | 158 | C12H14 | 002177-45-9 | 45 |
| 5 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 25 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

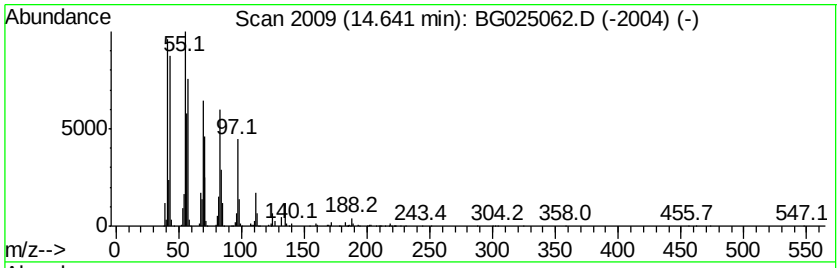
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

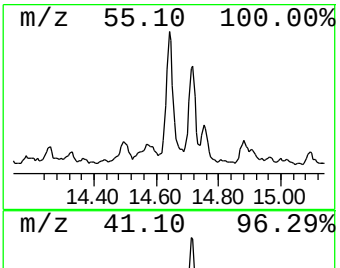
**********

Peak Number 51 (DEL) Alkane: Cyclic14.64 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.64 | 33.29 ng/ul | 2813450 | Acenaphthene-d10 | 14.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Tridecene | 182 | C13H26 | 002437-56-1 | 97 |
| 2 | 9-Octadecene, (E)- | 252 | C18H36 | 007206-25-9 | 93 |
| 3 | 1-Pentadecene | 210 | C15H30 | 013360-61-7 | 90 |
| 4 | 1-Pentadecene | 210 | C15H30 | 013360-61-7 | 90 |
| 5 | Cyclooctane, methyl- | 126 | C9H18 | 001502-38-1 | 90 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

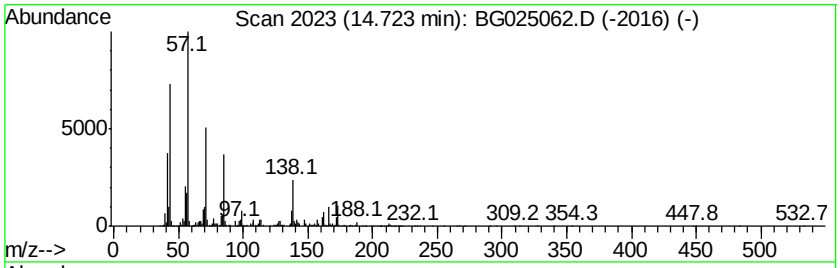
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

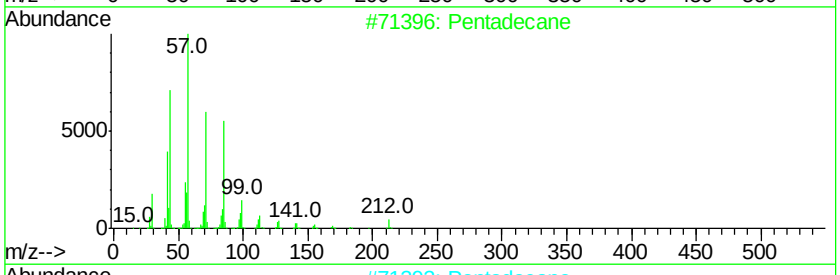
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

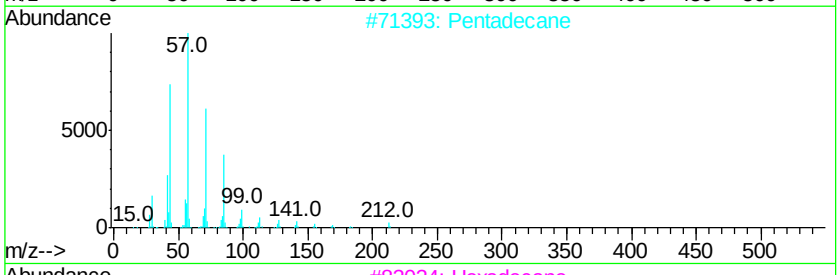
**********
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 2

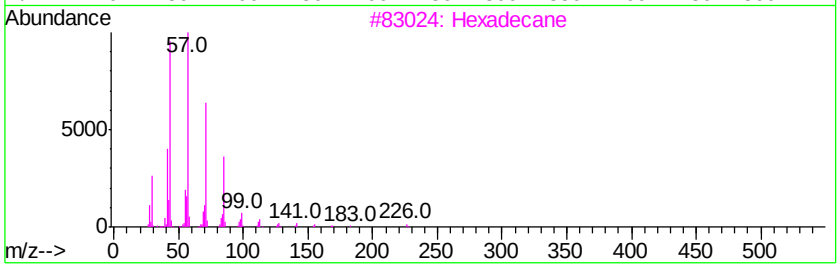
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.72 | 91.37 ng/ul | 7722000 | Acenaphthene-d10 | 14.87 |

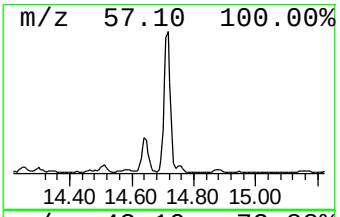
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane | 212 | C15H32 | 000629-62-9 | 94 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 91 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |

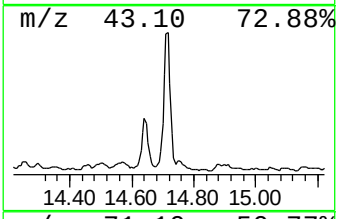


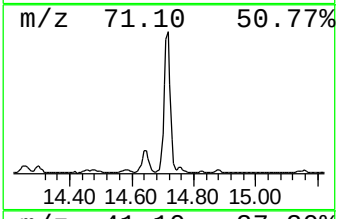



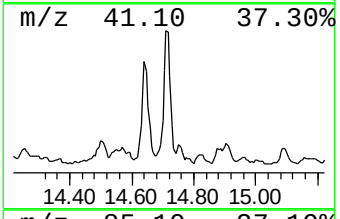



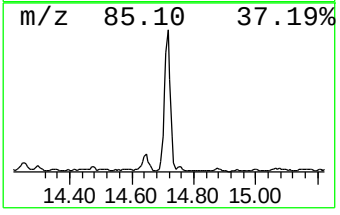



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

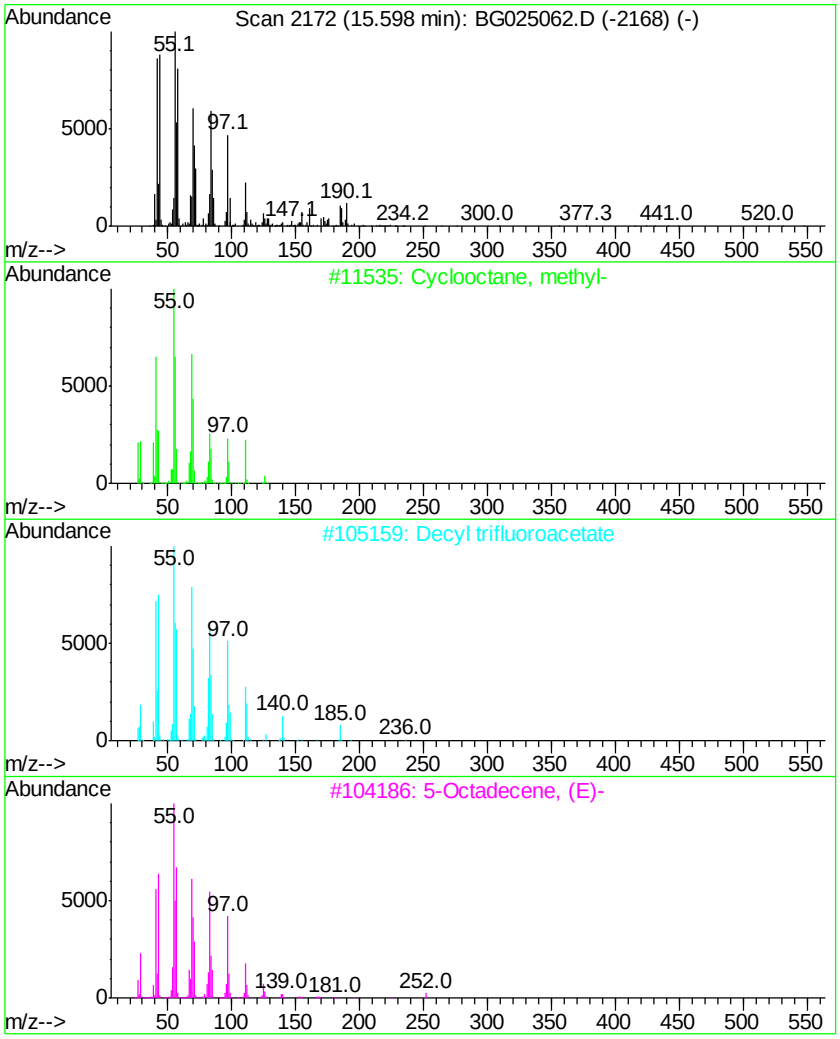
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

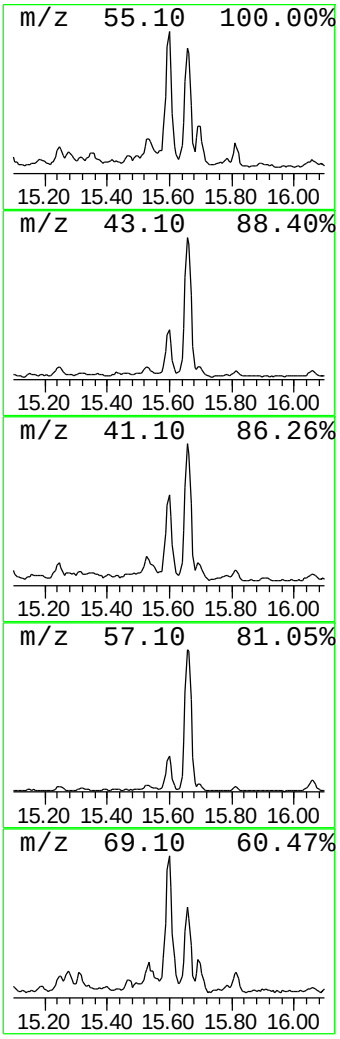
**********

Peak Number 57 (DEL) Alkane: Cyclic15.60 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.60 | 74.53 ng/ul | 6298280 | Acenaphthene-d10 | 14.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclooctane, methyl- | 126 | C9H18 | 001502-38-1 | 90 |
| 2 | Decyl trifluoroacetate | 254 | C12H21F3O2 | 000333-88-0 | 87 |
| 3 | 5-Octadecene, (E)- | 252 | C18H36 | 007206-21-5 | 87 |
| 4 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 87 |
| 5 | 4-Heptafluorobutyryloxyhexadecane | 438 | C20H33F7O2 | 1000282-97-2 | 87 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

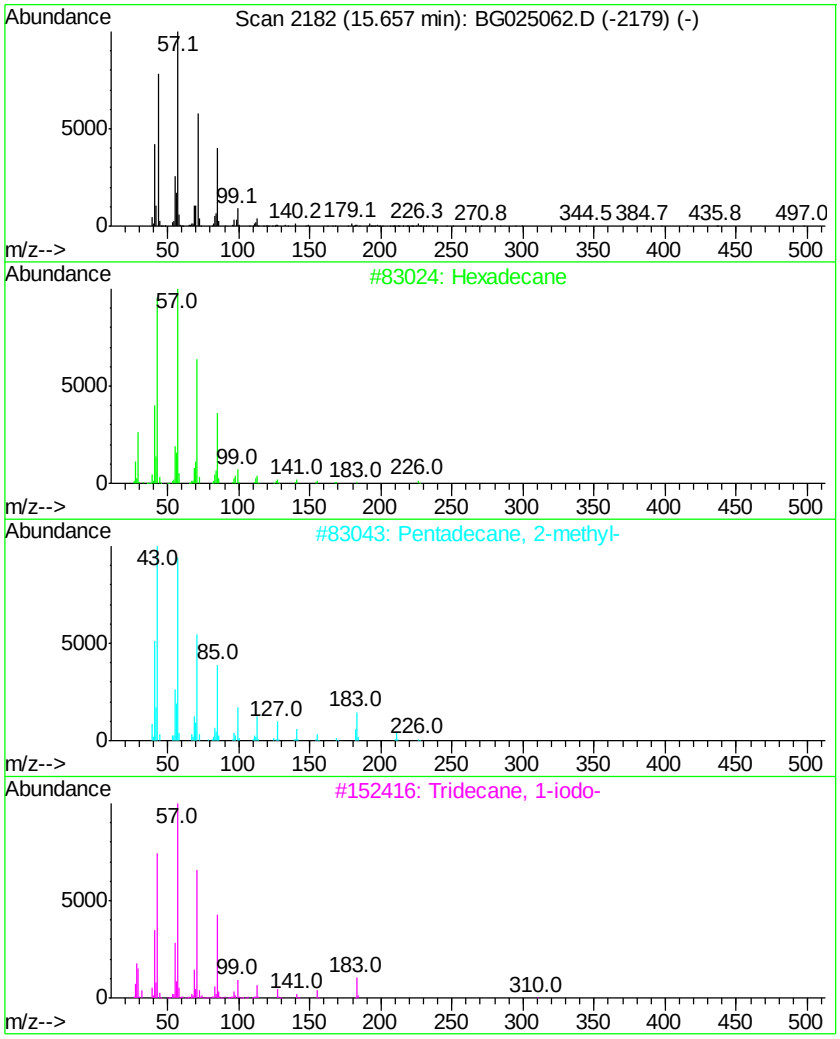
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

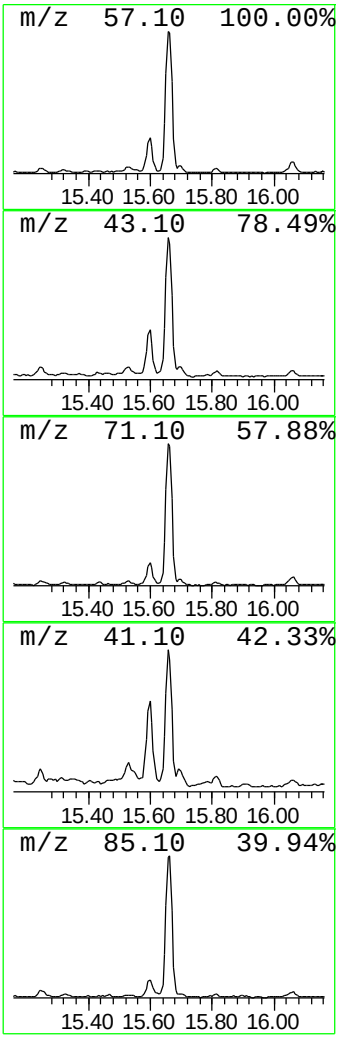
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.66 | 65.87 ng/ul | 5567060 | Acenaphthene-d10 | 14.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | Pentadecane, 2-methyl- | 226 | C16H34 | 001560-93-6 | 87 |
| 3 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 86 |
| 4 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 80 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

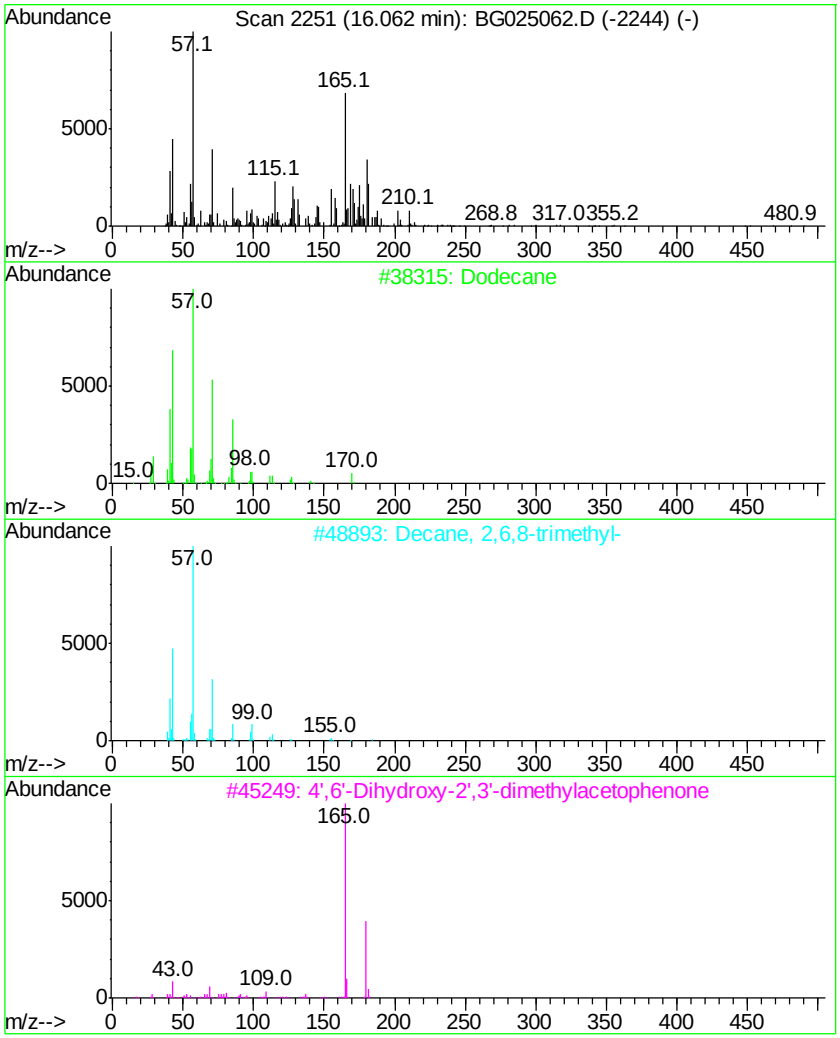
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

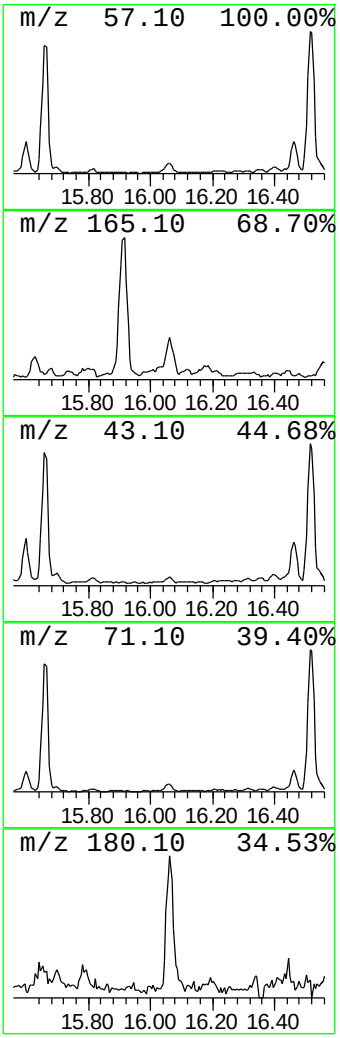
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 68

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.06 | 12.55 ng/ul | 1060760 | Acenaphthene-d10 | 14.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane | 170 | C12H26 | 000112-40-3 | 25 |
| 2 | Decane, 2,6,8-trimethyl- | 184 | C13H28 | 062108-26-3 | 15 |
| 3 | 4',6'-Dihydroxy-2',3'-dimethylac... | 180 | C10H12O3 | 007743-14-8 | 11 |
| 4 | 3-Hexanone, 2,4-dimethyl- | 128 | C8H16O | 018641-70-8 | 11 |
| 5 | Tetradecane, 2-methyl- | 212 | C15H32 | 001560-95-8 | 11 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

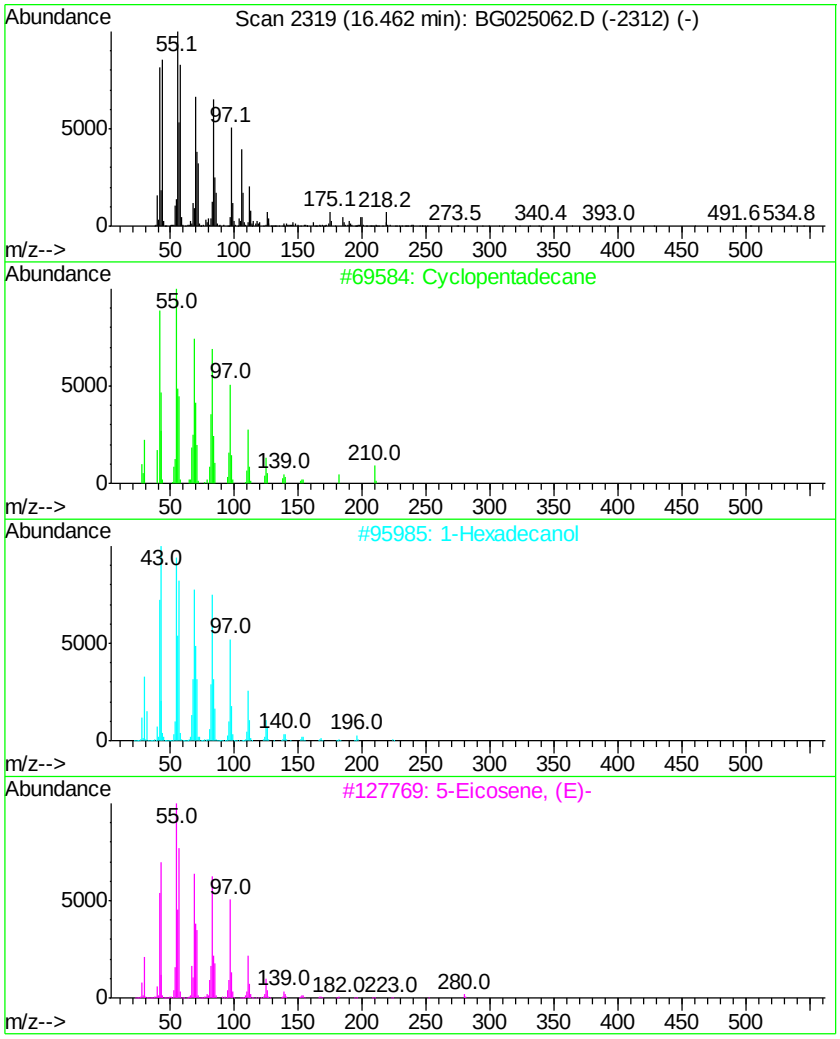
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

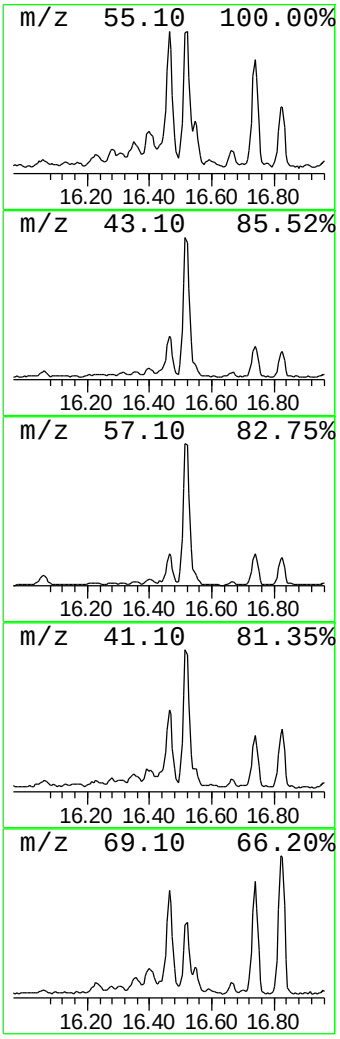
**********

Peak Number 61 (DEL) Alkane: Cyclic16.46 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.46 | 46.84 ng/ul | 5001690 | Phenanthrene-d10 | 17.61 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 93 |
| 2 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 91 |
| 3 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 91 |
| 4 | Acetic acid, chloro-, hexadecyl ... | 318 | C18H35ClO2 | 052132-58-8 | 91 |
| 5 | 1-Undecene, 7-methyl- | 168 | C12H24 | 074630-42-5 | 90 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

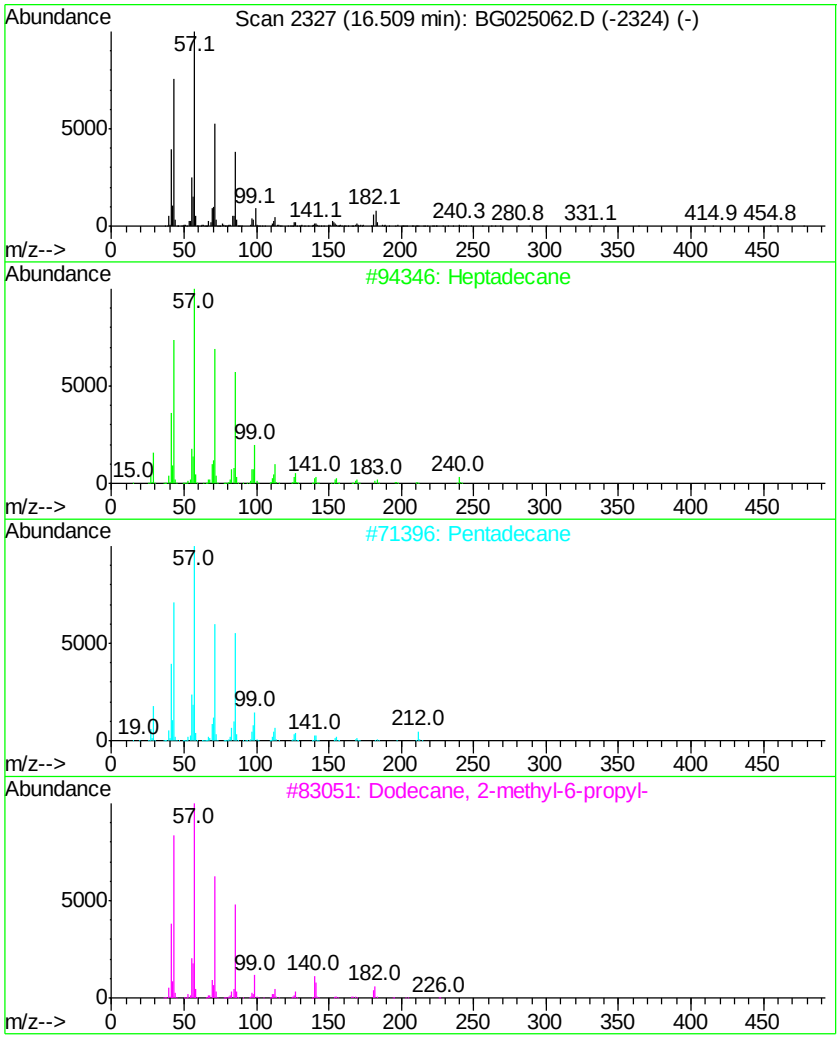
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

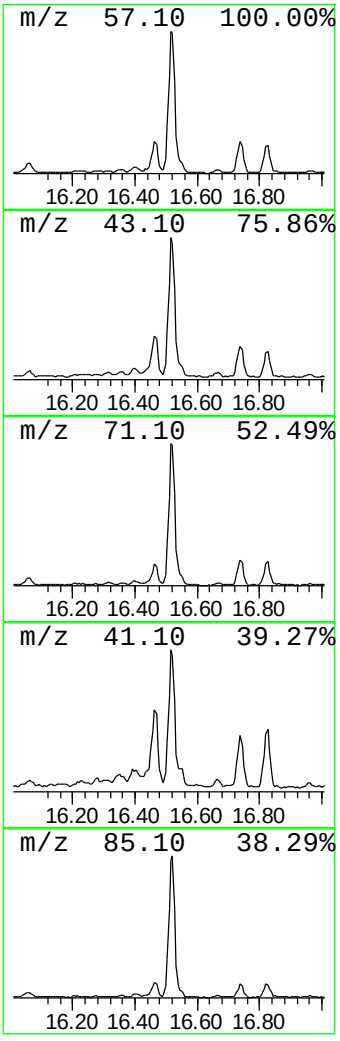
**********

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.51 | 90.69 ng/ul | 9682880 | Phenanthrene-d10 | 17.61 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 93 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 93 |
| 3 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 91 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 5 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 86 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

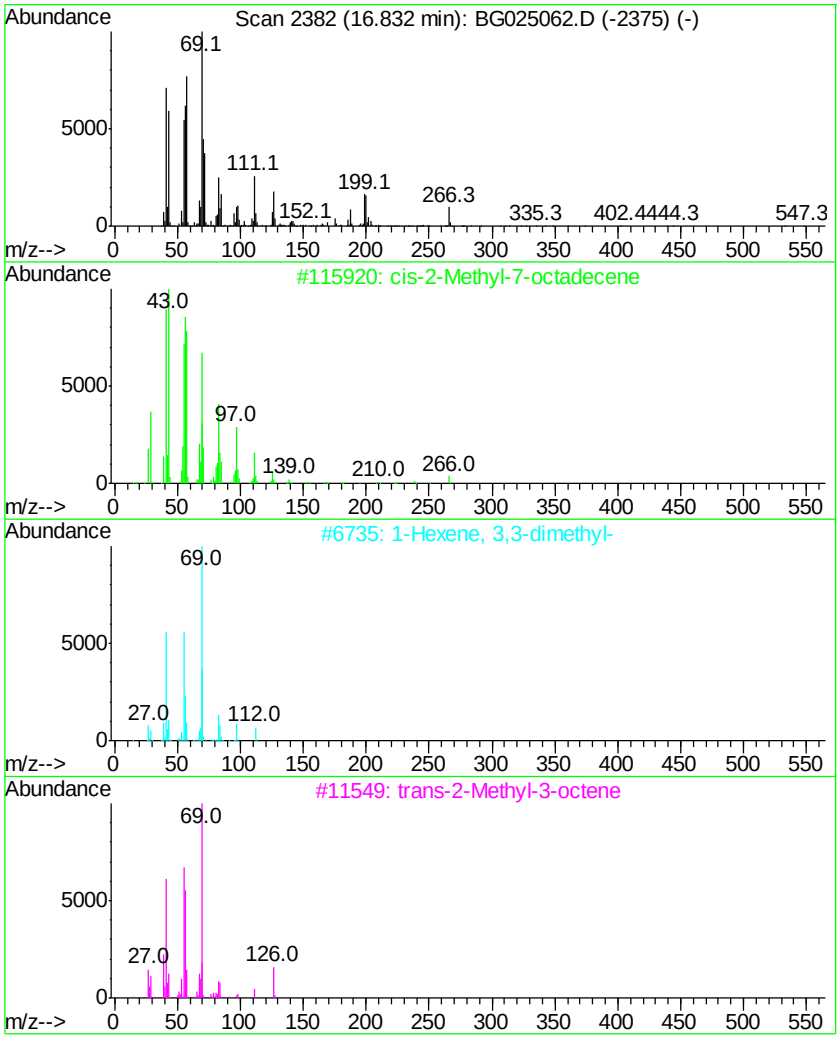
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

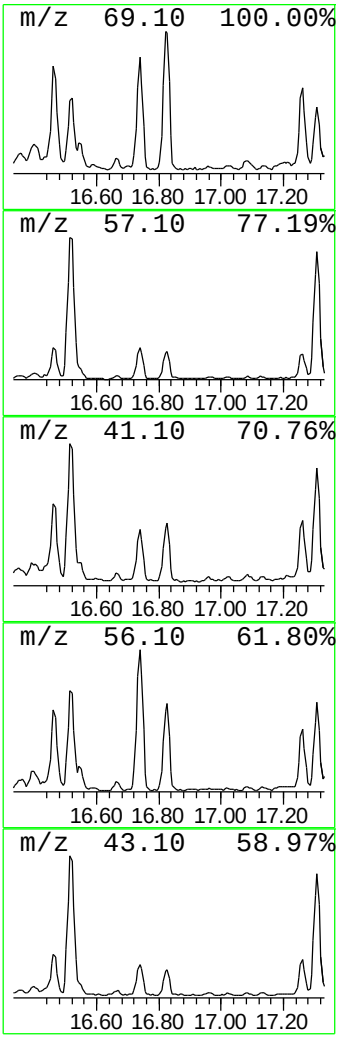
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 64 (DEL) Alkane: Cyclic16.83 Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.83 | 28.52 ng/ul | 3044880 | Phenanthrene-d10 | 17.61 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-2-Methyl-7-octadecene | 266 | C19H38 | 035354-39-3 | 53 |
| 2 | 1-Hexene, 3,3-dimethyl- | 112 | C8H16 | 003404-77-1 | 46 |
| 3 | trans-2-Methyl-3-octene | 126 | C9H18 | 052937-36-7 | 46 |
| 4 | Cyclohexane, 1,1,2-trimethyl- | 126 | C9H18 | 007094-26-0 | 46 |
| 5 | 2-Methyl-2-octene | 126 | C9H18 | 016993-86-5 | 43 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

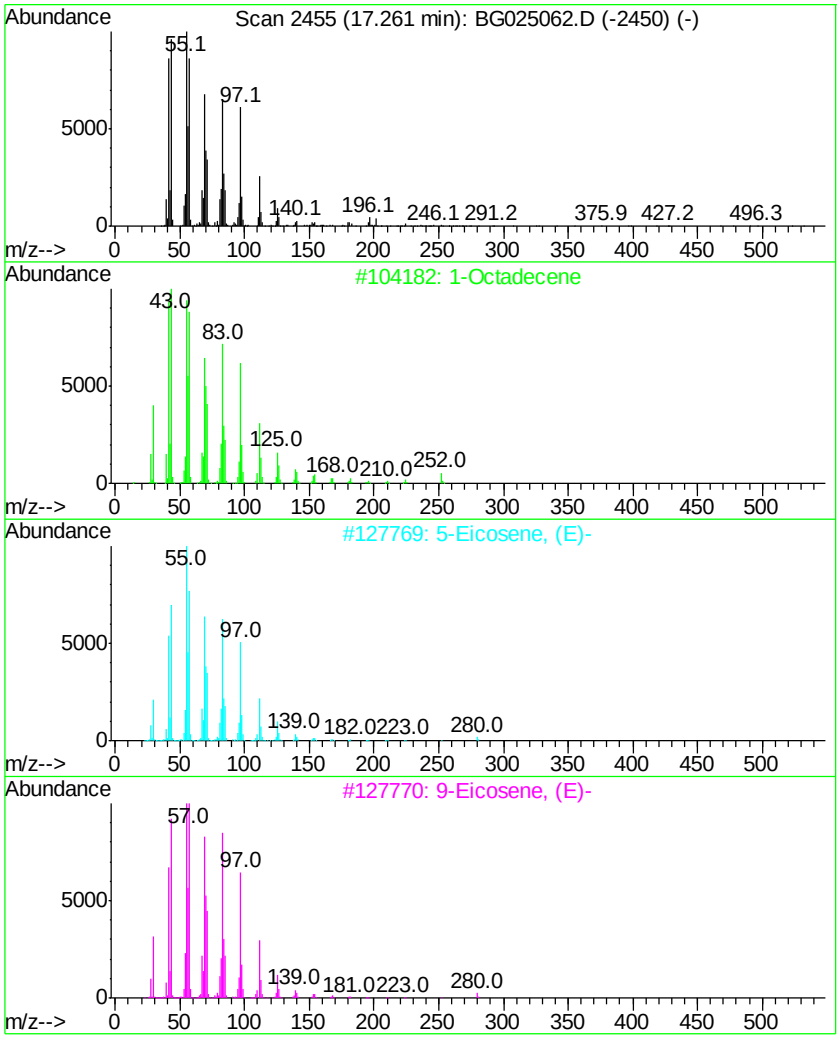
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

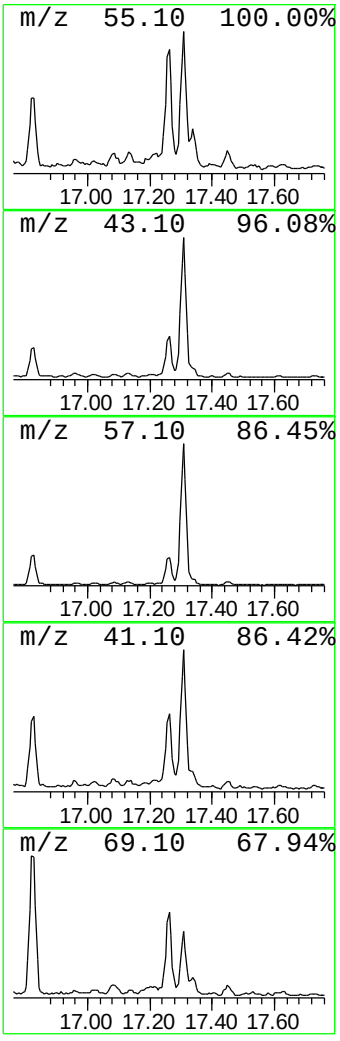
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 66 (DEL) Alkane: Cyclic17.26 Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.26 | 30.93 ng/ul | 3302650 | Phenanthrene-d10 | 17.61 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 97 |
| 2 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 94 |
| 3 | 9-Eicosene, (E)- | 280 | C20H40 | 074685-29-3 | 94 |
| 4 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 94 |
| 5 | 7-Tetradecene, (Z)- | 196 | C14H28 | 041446-60-0 | 92 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

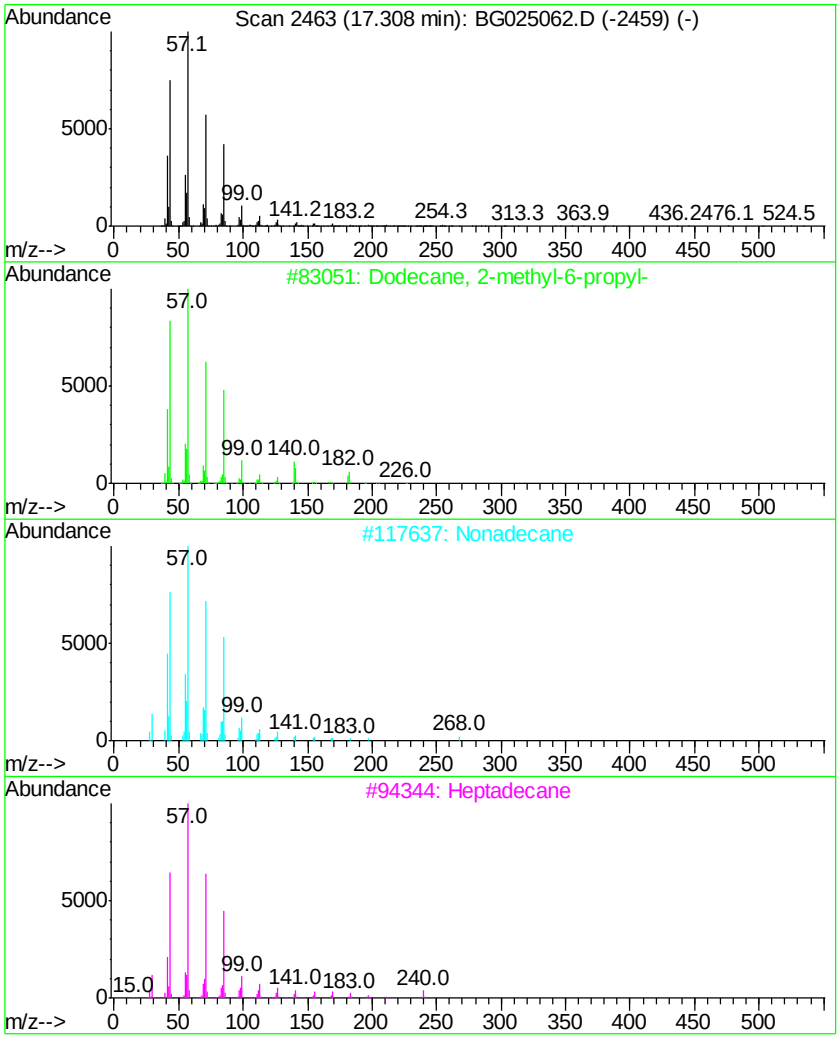
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

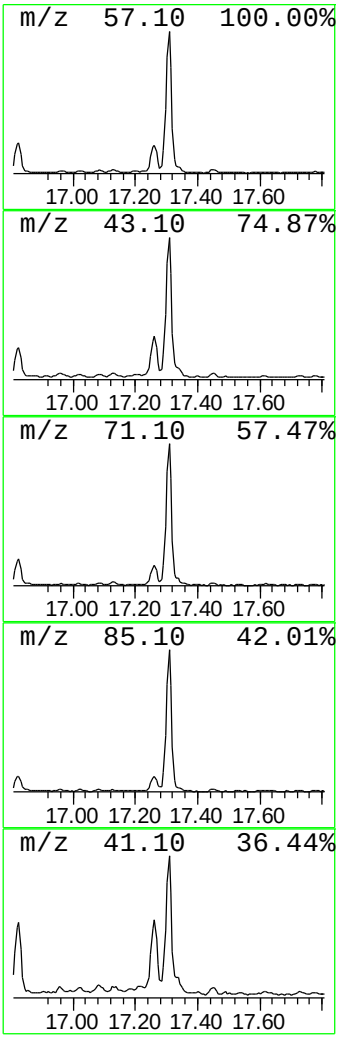
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.31 | 67.71 ng/ul | 7229170 | Phenanthrene-d10 | 17.61 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 91 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

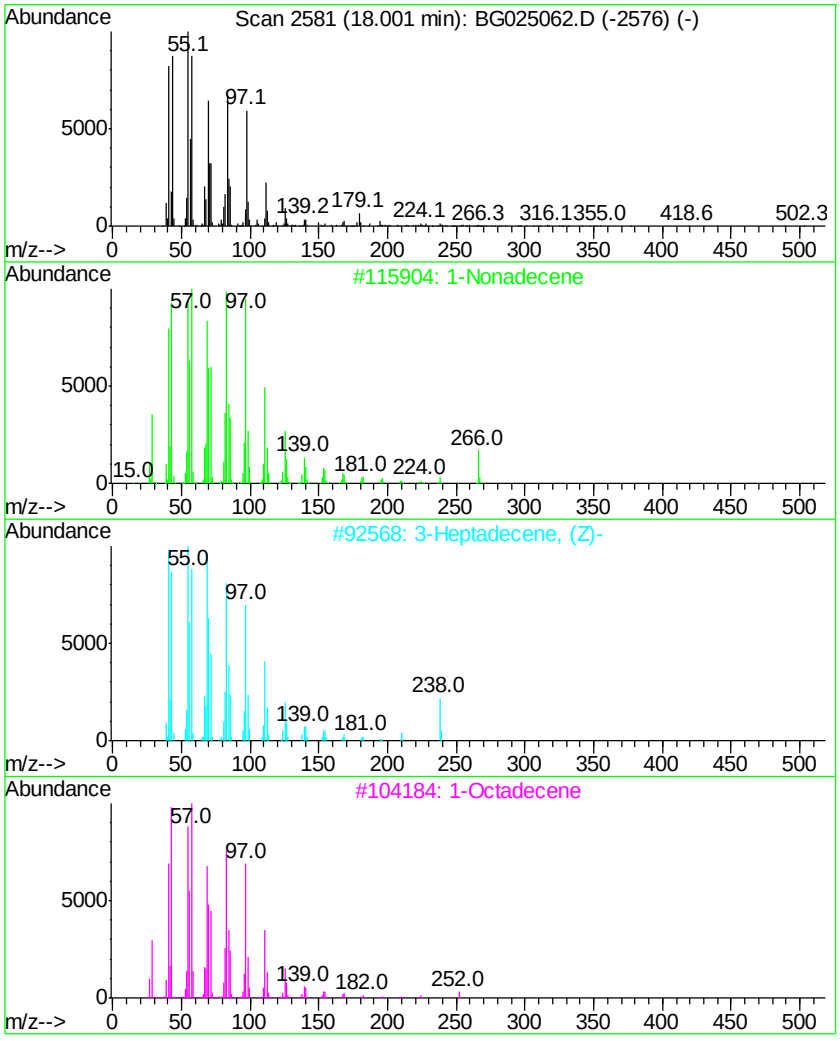
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

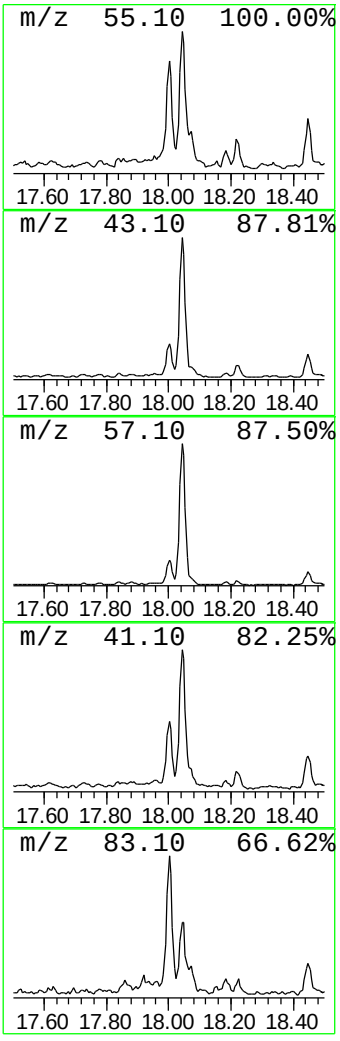
**********

Peak Number 68 (DEL) Alkane: Cyclic18.00 Concentration Rank 61

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.00 | 15.30 ng/ul | 1633810 | Phenanthrene-d10 | 17.61 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 98 |
| 2 | 3-Heptadecene, (Z)- | 238 | C17H34 | 1000141-67-3 | 95 |
| 3 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 93 |
| 4 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 91 |
| 5 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 91 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

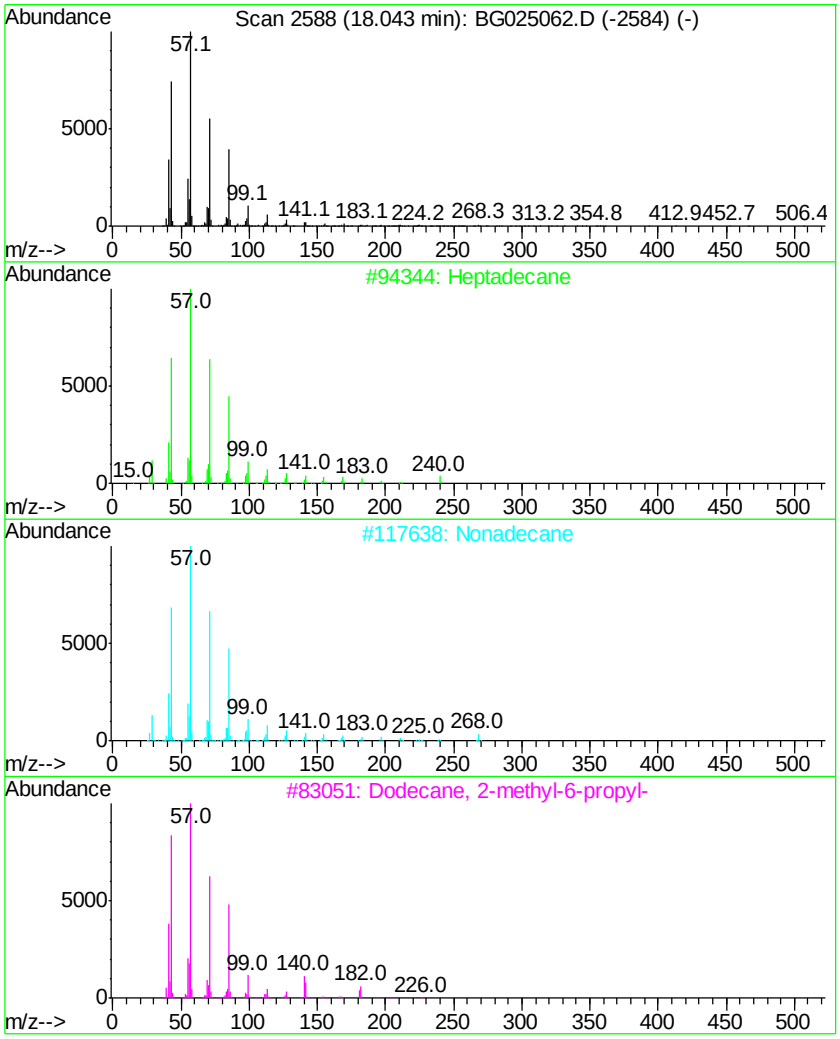
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

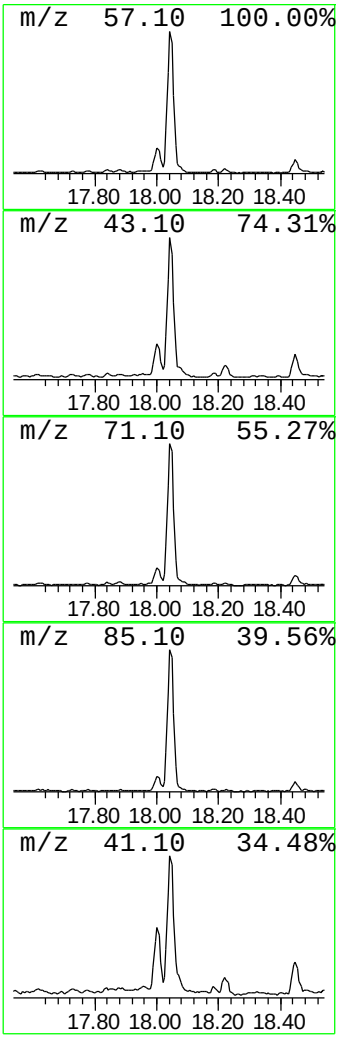
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.04 | 52.44 ng/ul | 5599140 | Phenanthrene-d10 | 17.61 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 95 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 93 |
| 3 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 93 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 5 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 90 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

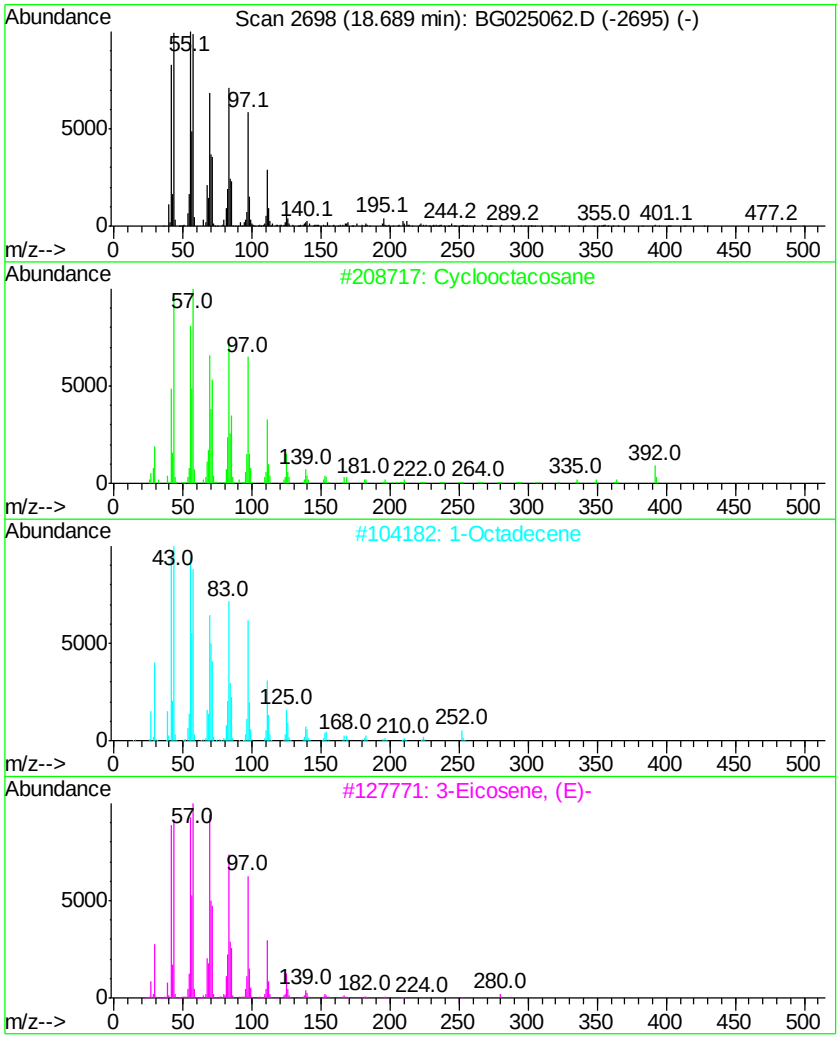
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

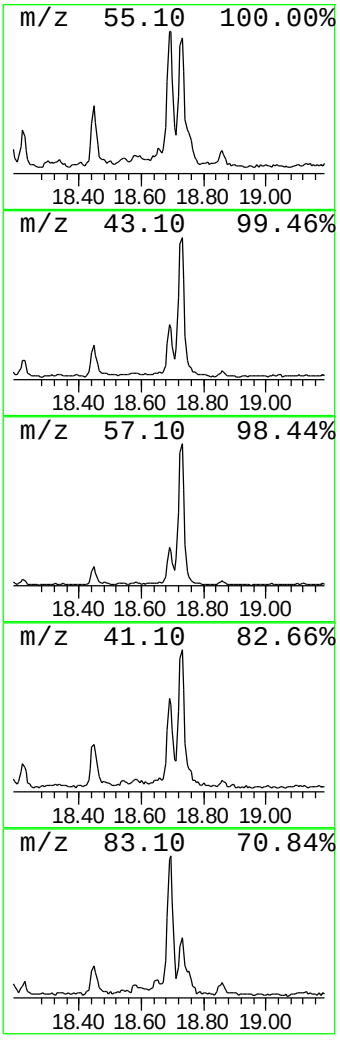
**********

Peak Number 71 (DEL) Alkane: Cyclic18.69 Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.69 | 19.33 ng/ul | 2063790 | Phenanthrene-d10 | 17.61 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclooctacosane | 392 | C28H56 | 000297-24-5 | 95 |
| 2 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 91 |
| 3 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 91 |
| 4 | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 91 |
| 5 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 91 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

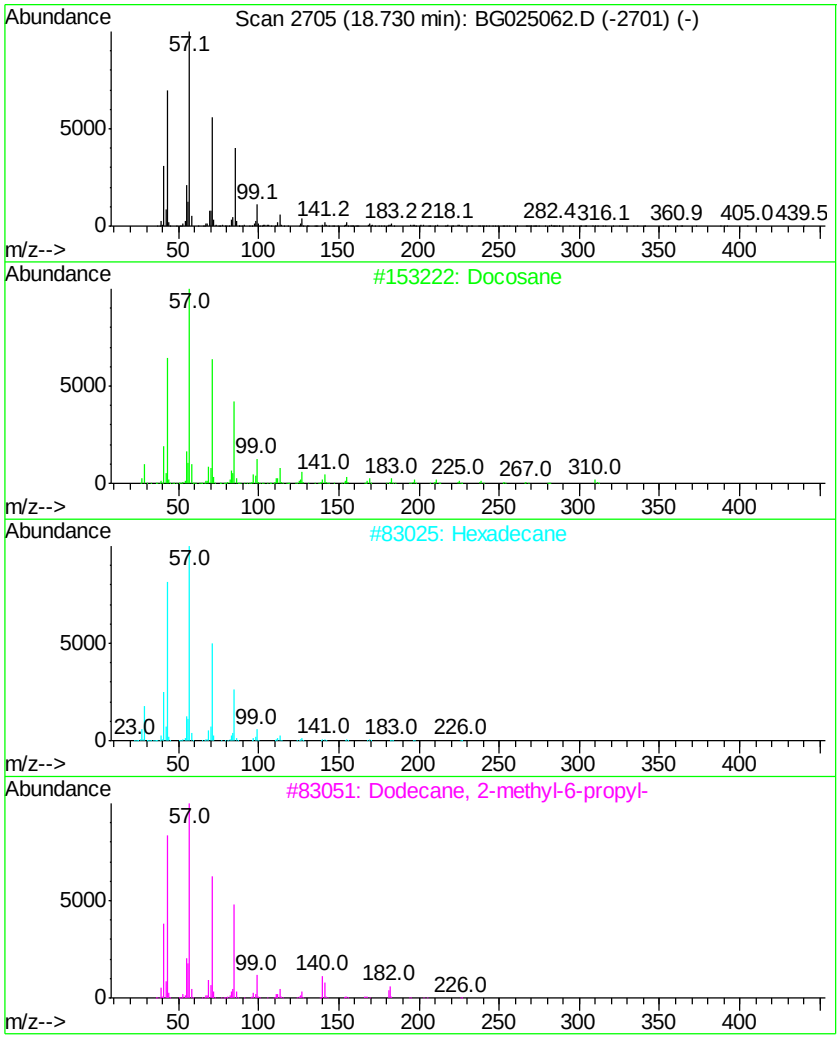
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

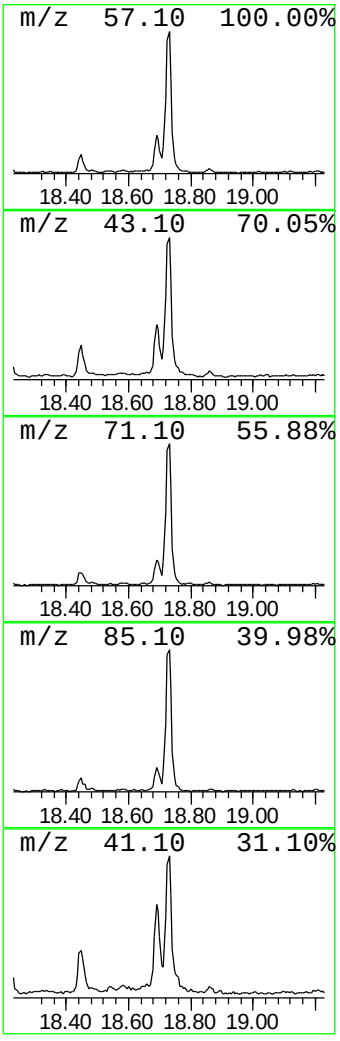
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.73 | 41.17 ng/ul | 4395450 | Phenanthrene-d10 | 17.61 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane | 310 | C22H46 | 000629-97-0 | 91 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 3 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 90 |
| 4 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 86 |
| 5 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 74 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

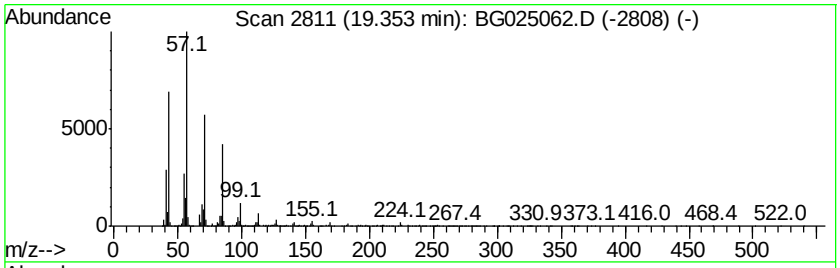
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

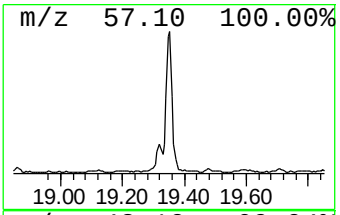
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

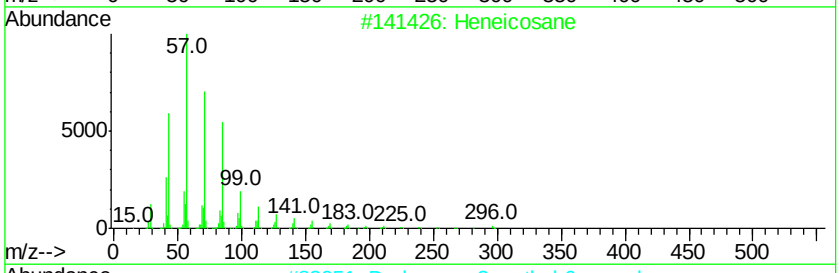
**********
Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 43

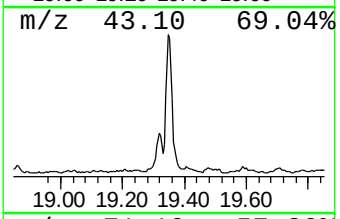
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.35 | 25.54 ng/ul | 2727090 | Phenanthrene-d10 | 17.61 |

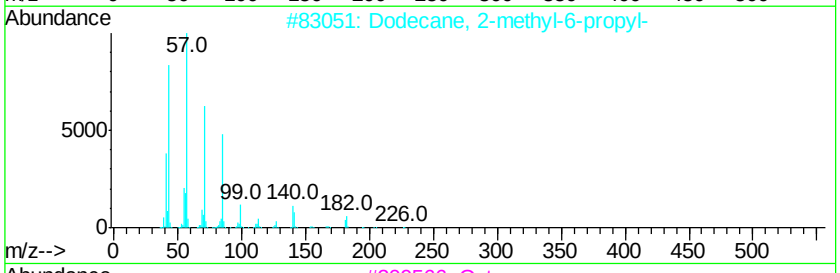
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 96 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 90 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 5 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 86 |

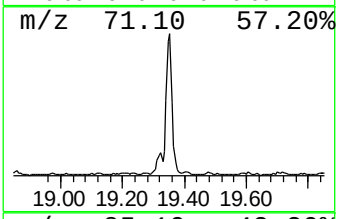


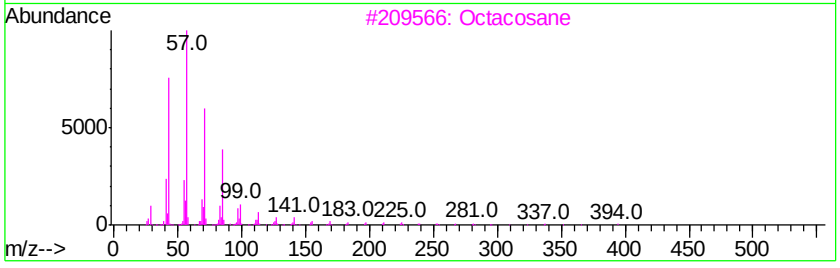



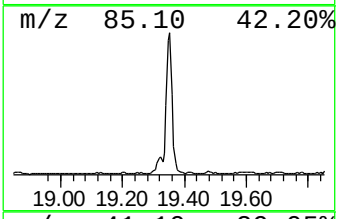



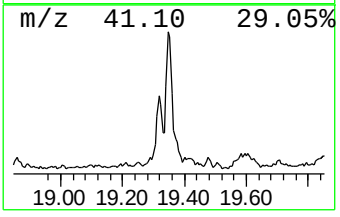



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

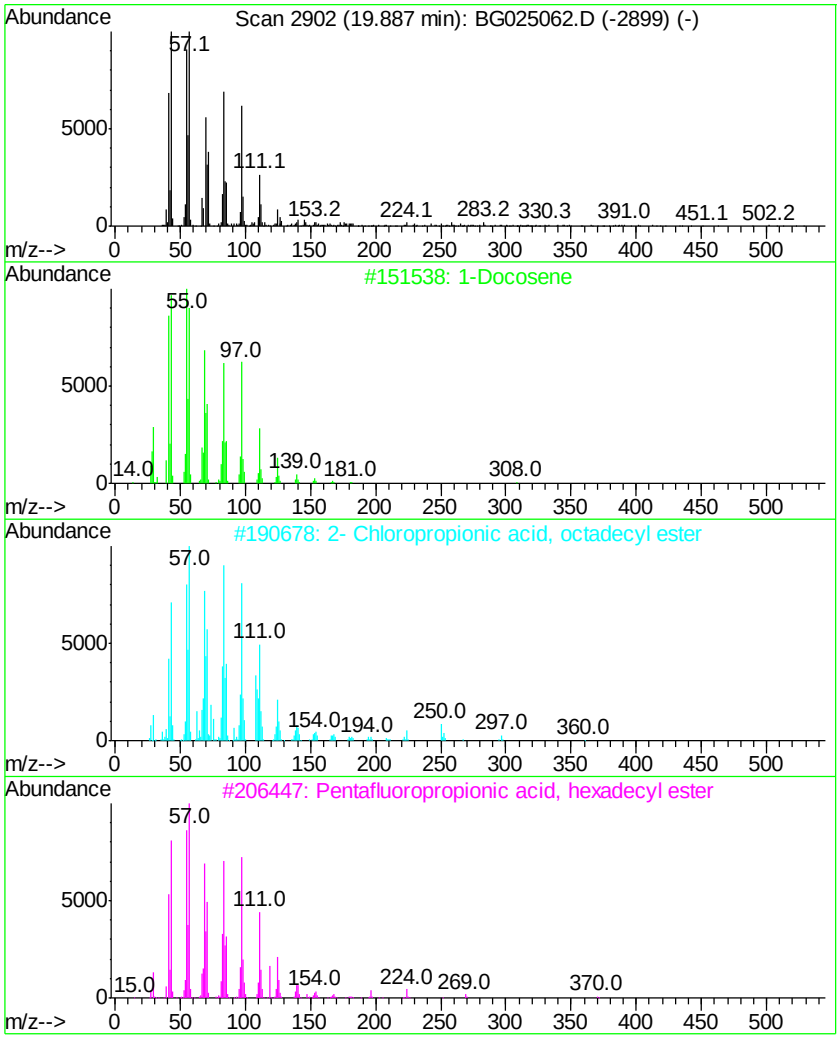
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

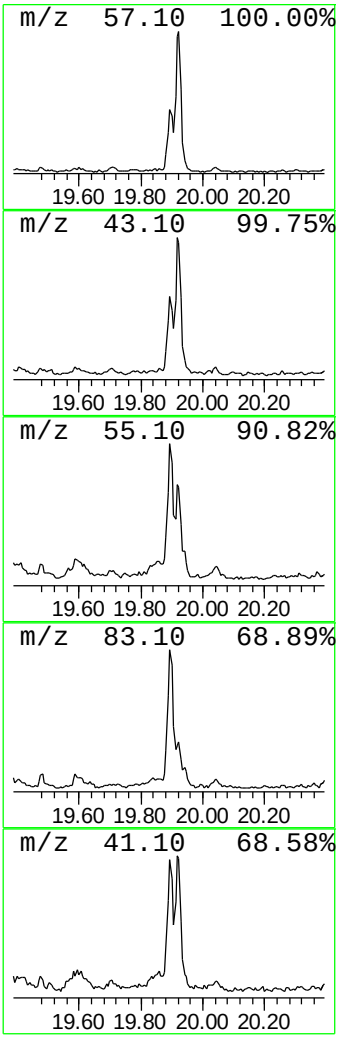
**********

Peak Number 74 (DEL) Alkane: Cyclic19.89 Concentration Rank 69

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.89 | 12.45 ng/ul | 1507940 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 2 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 93 |
| 3 | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 91 |
| 4 | 9-Nonadecene | 266 | C19H38 | 031035-07-1 | 91 |
| 5 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 91 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

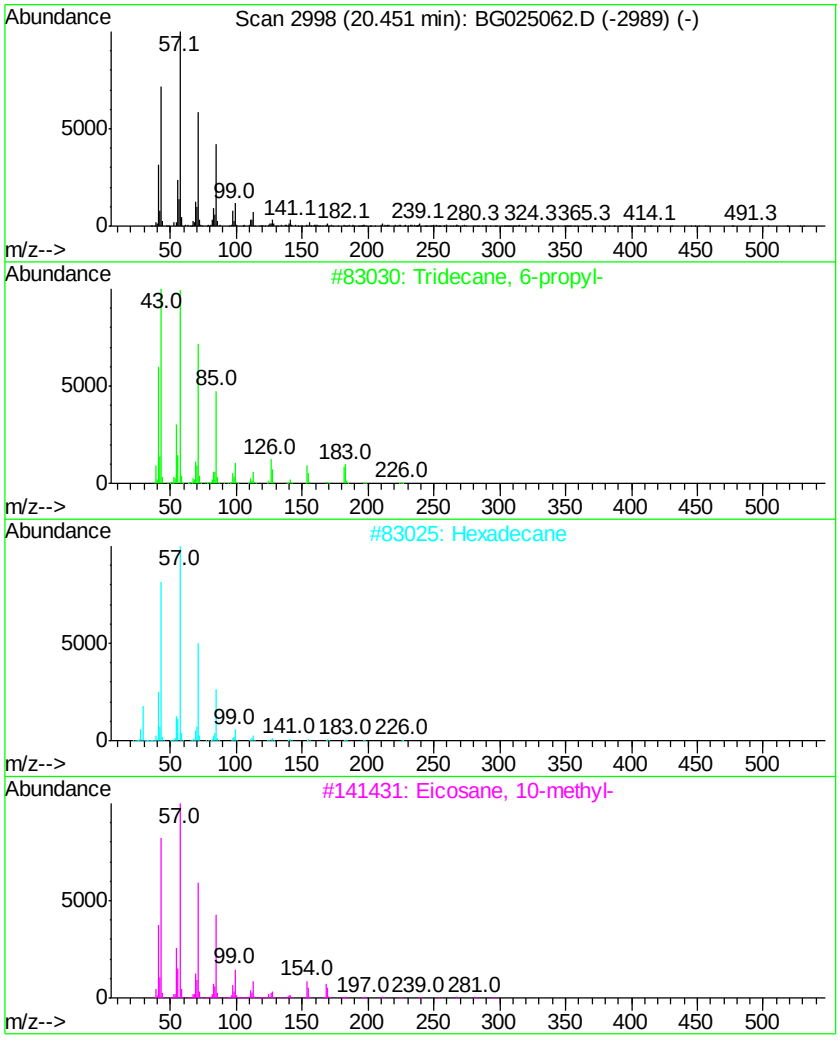
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

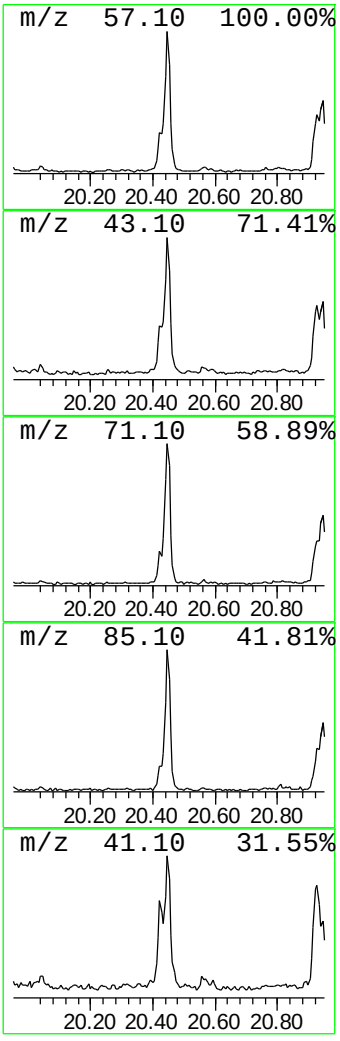
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.45 | 21.64 ng/ul | 2619850 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 94 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 3 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 93 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

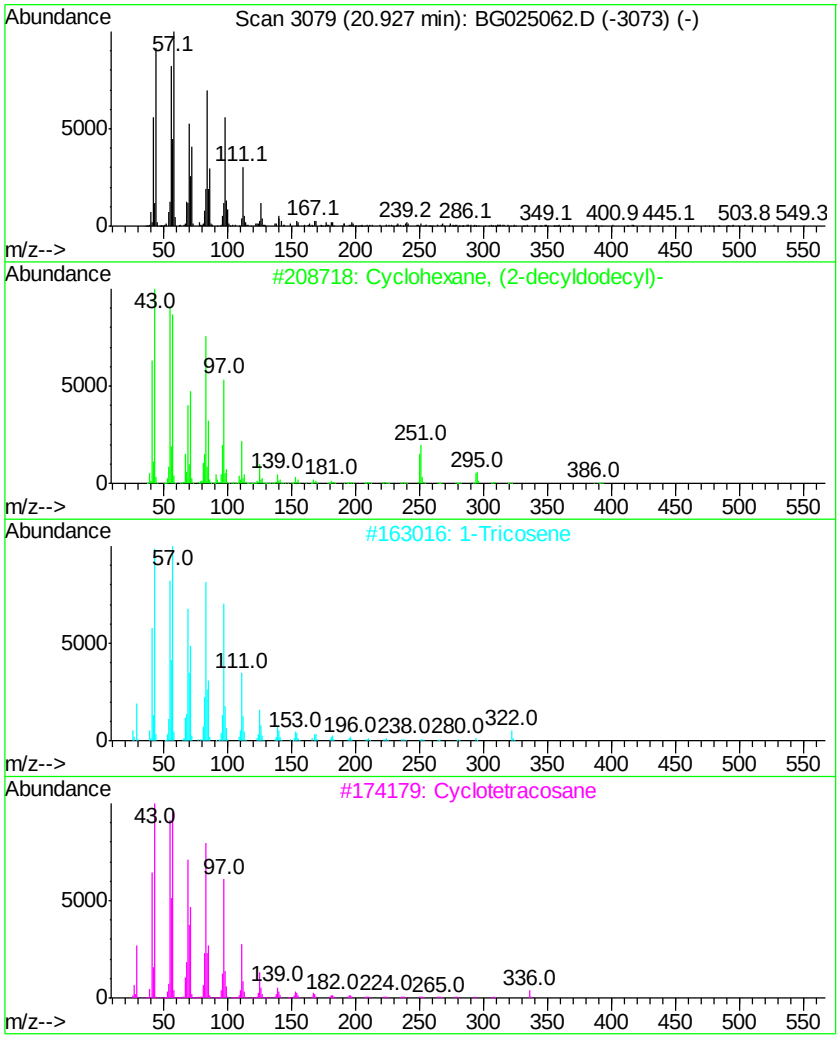
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

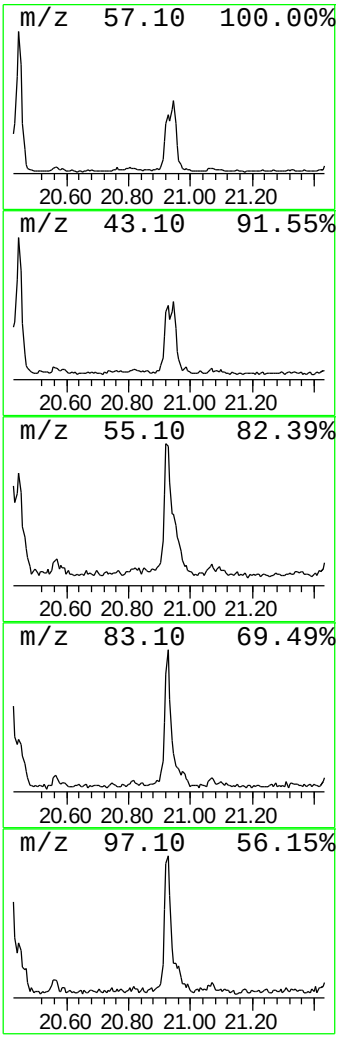
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 77 (DEL) Alkane: Cyclic20.93 Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.93 | 22.09 ng/ul | 2674770 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, (2-decyldodecyl)- | 392 | C28H56 | 006704-00-3 | 89 |
| 2 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 87 |
| 3 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 87 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 87 |
| 5 | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
Data File : BG025062.D
Acq On : 10 Dec 2016 9:03
Operator : UM/SJ
Sample : H5863-03DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DA7Y2DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, 1,3-dime... | 5.85 | 26.4 | ng/ul | 1705010 | 1 | 8.24 | 1291110 | 20.0 |
| Benzene, 1,2,3-tr... | 7.87 | 20.3 | ng/ul | 1308660 | 1 | 8.24 | 1291110 | 20.0 |
| Mequinol | 8.89 | 18.9 | ng/ul | 1218590 | 1 | 8.24 | 1291110 | 20.0 |
| Phenol, 2,6-dimet... | 9.68 | 16.7 | ng/ul | 2920160 | 2 | 11.07 | 3495740 | 20.0 |
| Cinnamaldehyde, (E)- | 9.72 | 6.0 | ng/ul | 1041390 | 2 | 11.07 | 3495740 | 20.0 |
| Benzofuran, 2-met... | 9.79 | 12.7 | ng/ul | 2216710 | 2 | 11.07 | 3495740 | 20.0 |
| Phenol, 2-ethyl- | 10.02 | 12.7 | ng/ul | 2227010 | 2 | 11.07 | 3495740 | 20.0 |
| Phenol, 3-ethyl- | 10.51 | 66.8 | ng/ul | 11677100 | 2 | 11.07 | 3495740 | 20.0 |
| 3-Methylbenzyl al... | 10.55 | 18.6 | ng/ul | 3253100 | 2 | 11.07 | 3495740 | 20.0 |
| Ethanone, 1-(2-hy... | 10.63 | 6.3 | ng/ul | 1099540 | 2 | 11.07 | 3495740 | 20.0 |
| Ethanone, 1-(4-me... | 10.77 | 11.7 | ng/ul | 2038340 | 2 | 11.07 | 3495740 | 20.0 |
| Phenol, 2-ethyl-6... | 10.89 | 18.8 | ng/ul | 3290860 | 2 | 11.07 | 3495740 | 20.0 |
| unknown-01 | 10.99 | 10.5 | ng/ul | 1828620 | 2 | 11.07 | 3495740 | 20.0 |
| Cinnoline, 1,2-di... | 11.31 | 28.2 | ng/ul | 4933100 | 2 | 11.07 | 3495740 | 20.0 |
| unknown-02 | 11.43 | 35.2 | ng/ul | 6159270 | 2 | 11.07 | 3495740 | 20.0 |
| 1H-Benzimidazole,... | 11.48 | 38.6 | ng/ul | 6739540 | 2 | 11.07 | 3495740 | 20.0 |
| Benzene, 1-methyl... | 11.54 | 8.4 | ng/ul | 1471220 | 2 | 11.07 | 3495740 | 20.0 |
| Phenol, 3-(1-meth... | 11.60 | 37.1 | ng/ul | 6476960 | 2 | 11.07 | 3495740 | 20.0 |
| 1-Naphthalenol, 5... | 11.83 | 9.0 | ng/ul | 1577610 | 2 | 11.07 | 3495740 | 20.0 |
| unknown-03 | 11.90 | 61.2 | ng/ul | 10689700 | 2 | 11.07 | 3495740 | 20.0 |
| unknown-04 | 11.97 | 13.8 | ng/ul | 2410980 | 2 | 11.07 | 3495740 | 20.0 |
| Phenol, 3,4,5-tri... | 12.08 | 41.0 | ng/ul | 7171870 | 2 | 11.07 | 3495740 | 20.0 |
| Phenol, 2,4,6-tri... | 12.14 | 14.9 | ng/ul | 2601680 | 2 | 11.07 | 3495740 | 20.0 |
| Benzene, 1,4-dime... | 12.23 | 32.8 | ng/ul | 5740410 | 2 | 11.07 | 3495740 | 20.0 |
| Ethanone, 1-[4-(1... | 12.38 | 10.4 | ng/ul | 1819790 | 2 | 11.07 | 3495740 | 20.0 |
| o-Isopropylanisole | 12.46 | 32.3 | ng/ul | 5643570 | 2 | 11.07 | 3495740 | 20.0 |
| 1H-Inden-1-one, 2... | 12.60 | 29.5 | ng/ul | 5159300 | 2 | 11.07 | 3495740 | 20.0 |
| Naphthalene, 1-me... | 12.94 | 41.0 | ng/ul | 7167140 | 2 | 11.07 | 3495740 | 20.0 |
| 2,5,6-Trimethylbe... | 13.02 | 41.7 | ng/ul | 3521910 | 3 | 14.87 | 1690230 | 20.0 |
| (DEL) Alkane: Str... | 13.65 | 33.4 | ng/ul | 2820080 | 3 | 14.87 | 1690230 | 20.0 |
| (DEL) Alkane: Cyc... | 14.64 | 33.3 | ng/ul | 2813450 | 3 | 14.87 | 1690230 | 20.0 |
| (DEL) Alkane: Str... | 14.72 | 91.4 | ng/ul | 7722000 | 3 | 14.87 | 1690230 | 20.0 |
| (DEL) Alkane: Cyc... | 15.60 | 74.5 | ng/ul | 6298280 | 3 | 14.87 | 1690230 | 20.0 |
| (DEL) Alkane: Str... | 15.66 | 65.9 | ng/ul | 5567060 | 3 | 14.87 | 1690230 | 20.0 |
| (DEL) Alkane: Str... | 16.06 | 12.6 | ng/ul | 1060760 | 3 | 14.87 | 1690230 | 20.0 |
| (DEL) Alkane: Cyc... | 16.46 | 46.8 | ng/ul | 5001690 | 4 | 17.61 | 2135490 | 20.0 |
| (DEL) Alkane: Str... | 16.51 | 90.7 | ng/ul | 9682880 | 4 | 17.61 | 2135490 | 20.0 |
| (DEL) Alkane: Cyc... | 16.83 | 28.5 | ng/ul | 3044880 | 4 | 17.61 | 2135490 | 20.0 |
| (DEL) Alkane: Cyc... | 17.26 | 30.9 | ng/ul | 3302650 | 4 | 17.61 | 2135490 | 20.0 |
| (DEL) Alkane: Str... | 17.31 | 67.7 | ng/ul | 7229170 | 4 | 17.61 | 2135490 | 20.0 |
| (DEL) Alkane: Cyc... | 18.00 | 15.3 | ng/ul | 1633810 | 4 | 17.61 | 2135490 | 20.0 |
| (DEL) Alkane: Str... | 18.04 | 52.4 | ng/ul | 5599140 | 4 | 17.61 | 2135490 | 20.0 |
| (DEL) Alkane: Cyc... | 18.69 | 19.3 | ng/ul | 2063790 | 4 | 17.61 | 2135490 | 20.0 |
| (DEL) Alkane: Str... | 18.73 | 41.2 | ng/ul | 4395450 | 4 | 17.61 | 2135490 | 20.0 |
| (DEL) Alkane: Str... | 19.35 | 25.5 | ng/ul | 2727090 | 4 | 17.61 | 2135490 | 20.0 |
| (DEL) Alkane: Cyc... | 19.89 | 12.4 | ng/ul | 1507940 | 5 | 21.90 | 2421700 | 20.0 |
| (DEL) Alkane: Str... | 20.45 | 21.6 | ng/ul | 2619850 | 5 | 21.90 | 2421700 | 20.0 |
| (DEL) Alkane: Cyc... | 20.93 | 22.1 | ng/ul | 2674770 | 5 | 21.90 | 2421700 | 20.0 |