LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.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 | 2.140 | 4 | 9 | 12 | rBV | 28830 | 33776 | 0.18% | 0.014% |
| 2 | 2.181 | 12 | 16 | 37 | rVB | 157225 | 304996 | 1.66% | 0.127% |
| 3 | 2.352 | 39 | 45 | 52 | rVB | 285477 | 363694 | 1.98% | 0.151% |
| 4 | 2.846 | 124 | 129 | 136 | rVB | 19615 | 31147 | 0.17% | 0.013% |
| 5 | 3.781 | 281 | 288 | 297 | rBV2 | 17542 | 35737 | 0.19% | 0.015% |
| 6 | 4.622 | 427 | 431 | 436 | rVB | 69615 | 77343 | 0.42% | 0.032% |
| 7 | 5.922 | 644 | 652 | 657 | rBV | 34570 | 32468 | 0.18% | 0.013% |
| 8 | 6.746 | 789 | 792 | 796 | rBV | 2183216 | 1729349 | 9.42% | 0.718% |
| 9 | 8.034 | 1007 | 1011 | 1014 | rBV | 2533485 | 2295618 | 12.51% | 0.953% |
| 10 | 9.799 | 1307 | 1311 | 1314 | rBV | 3045806 | 2768424 | 15.08% | 1.149% |
| 11 | 10.004 | 1342 | 1346 | 1351 | rVB | 31919 | 30705 | 0.17% | 0.013% |
| 12 | 10.346 | 1401 | 1404 | 1411 | rBV | 55864 | 52441 | 0.29% | 0.022% |
| 13 | 10.716 | 1462 | 1467 | 1475 | rVB5 | 25333 | 38834 | 0.21% | 0.016% |
| 14 | 10.857 | 1488 | 1491 | 1494 | rBV | 111310 | 87907 | 0.48% | 0.036% |
| 15 | 10.898 | 1494 | 1498 | 1502 | rBV | 2053670 | 1627478 | 8.87% | 0.675% |
| 16 | 10.987 | 1510 | 1513 | 1516 | rBV | 46490 | 37434 | 0.20% | 0.016% |
| 17 | 11.028 | 1516 | 1520 | 1522 | rBV | 89914 | 87561 | 0.48% | 0.036% |
| 18 | 11.051 | 1522 | 1524 | 1529 | rVB | 329817 | 306107 | 1.67% | 0.127% |
| 19 | 11.163 | 1539 | 1543 | 1546 | rBV3 | 34998 | 54201 | 0.30% | 0.022% |
| 20 | 11.222 | 1550 | 1553 | 1555 | rVV | 383675 | 331140 | 1.80% | 0.137% |
| 21 | 11.246 | 1555 | 1557 | 1560 | rVB | 179171 | 128974 | 0.70% | 0.054% |
| 22 | 11.293 | 1561 | 1565 | 1568 | rBV | 3107681 | 2978684 | 16.23% | 1.236% |
| 23 | 11.316 | 1568 | 1569 | 1573 | rVB | 419817 | 265654 | 1.45% | 0.110% |
| 24 | 11.398 | 1579 | 1583 | 1588 | rBV2 | 422010 | 624312 | 3.40% | 0.259% |
| 25 | 11.557 | 1607 | 1610 | 1612 | rBV | 153610 | 133448 | 0.73% | 0.055% |
| 26 | 11.598 | 1615 | 1617 | 1619 | rVV2 | 54499 | 46094 | 0.25% | 0.019% |
| 27 | 11.645 | 1619 | 1625 | 1629 | rVV | 1298920 | 1525447 | 8.31% | 0.633% |
| 28 | 11.710 | 1633 | 1636 | 1641 | rVB2 | 504698 | 595425 | 3.24% | 0.247% |
| 29 | 11.757 | 1641 | 1644 | 1646 | rBV | 67535 | 61026 | 0.33% | 0.025% |
| 30 | 11.793 | 1646 | 1650 | 1653 | rVV2 | 583857 | 678866 | 3.70% | 0.282% |
| 31 | 11.816 | 1653 | 1654 | 1659 | rVV2 | 197059 | 191613 | 1.04% | 0.080% |
| 32 | 11.881 | 1663 | 1665 | 1667 | rVV | 88414 | 99377 | 0.54% | 0.041% |
| 33 | 11.928 | 1668 | 1673 | 1676 | rVV | 9095040 | 9481681 | 51.66% | 3.935% |
| 34 | 11.963 | 1676 | 1679 | 1681 | rVV | 3088301 | 2770022 | 15.09% | 1.150% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.987 | 1681 | 1683 | 1686 | rVV | 794229 | 681012 | 3.71% | 0.283% |
| 36 | 12.016 | 1686 | 1688 | 1691 | rVB | 197770 | 159674 | 0.87% | 0.066% |
| 37 | 12.093 | 1697 | 1701 | 1704 | rBV | 5725483 | 5175139 | 28.20% | 2.148% |
| 38 | 12.122 | 1704 | 1706 | 1709 | rVV | 612365 | 467272 | 2.55% | 0.194% |
| 39 | 12.175 | 1709 | 1715 | 1717 | rVV3 | 642905 | 971843 | 5.30% | 0.403% |
| 40 | 12.198 | 1717 | 1719 | 1723 | rVB | 2294998 | 1798259 | 9.80% | 0.746% |
| 41 | 12.240 | 1723 | 1726 | 1728 | rBV | 667325 | 655789 | 3.57% | 0.272% |
| 42 | 12.257 | 1728 | 1729 | 1733 | rVB | 522890 | 319859 | 1.74% | 0.133% |
| 43 | 12.293 | 1733 | 1735 | 1736 | rBV2 | 43769 | 34053 | 0.19% | 0.014% |
| 44 | 12.357 | 1742 | 1746 | 1748 | rBV2 | 187513 | 199330 | 1.09% | 0.083% |
| 45 | 12.398 | 1748 | 1753 | 1755 | rVV | 2332312 | 2702767 | 14.73% | 1.122% |
| 46 | 12.451 | 1755 | 1762 | 1766 | rVV2 | 9161980 | 18352821 | 100.00% | 7.616% |
| 47 | 12.498 | 1766 | 1770 | 1773 | rVV | 3272159 | 2553265 | 13.91% | 1.060% |
| 48 | 12.534 | 1773 | 1776 | 1779 | rVB | 265592 | 259169 | 1.41% | 0.108% |
| 49 | 12.581 | 1780 | 1784 | 1788 | rBV2 | 4870051 | 5460317 | 29.75% | 2.266% |
| 50 | 12.640 | 1788 | 1794 | 1797 | rVV2 | 9544129 | 16941074 | 92.31% | 7.030% |
| 51 | 12.675 | 1797 | 1800 | 1803 | rVV | 7461985 | 6791779 | 37.01% | 2.818% |
| 52 | 12.716 | 1803 | 1807 | 1809 | rVV | 401992 | 327821 | 1.79% | 0.136% |
| 53 | 12.751 | 1809 | 1813 | 1817 | rVB | 1471901 | 1265609 | 6.90% | 0.525% |
| 54 | 12.798 | 1817 | 1821 | 1824 | rBV | 6476242 | 6296932 | 34.31% | 2.613% |
| 55 | 12.857 | 1824 | 1831 | 1833 | rVV | 8068562 | 9438764 | 51.43% | 3.917% |
| 56 | 12.887 | 1833 | 1836 | 1838 | rVV | 3980607 | 4032779 | 21.97% | 1.674% |
| 57 | 12.934 | 1838 | 1844 | 1846 | rVV2 | 9809673 | 15299557 | 83.36% | 6.349% |
| 58 | 12.957 | 1846 | 1848 | 1852 | rVB | 592281 | 413465 | 2.25% | 0.172% |
| 59 | 13.016 | 1852 | 1858 | 1860 | rBV2 | 3374006 | 5364635 | 29.23% | 2.226% |
| 60 | 13.034 | 1860 | 1861 | 1864 | rVV | 2242313 | 1658402 | 9.04% | 0.688% |
| 61 | 13.063 | 1864 | 1866 | 1869 | rVV | 1266443 | 1382687 | 7.53% | 0.574% |
| 62 | 13.104 | 1869 | 1873 | 1875 | rVV2 | 7554385 | 8826441 | 48.09% | 3.663% |
| 63 | 13.145 | 1875 | 1880 | 1883 | rVB | 9309749 | 12695379 | 69.17% | 5.268% |
| 64 | 13.187 | 1883 | 1887 | 1890 | rVB | 1549683 | 1279672 | 6.97% | 0.531% |
| 65 | 13.234 | 1890 | 1895 | 1899 | rVB2 | 2192356 | 3118948 | 16.99% | 1.294% |
| 66 | 13.298 | 1901 | 1906 | 1908 | rBV | 7612699 | 9272288 | 50.52% | 3.848% |
| 67 | 13.328 | 1908 | 1911 | 1912 | rVV | 5492669 | 5413456 | 29.50% | 2.246% |
| 68 | 13.351 | 1912 | 1915 | 1918 | rVB | 7524262 | 6901961 | 37.61% | 2.864% |
| 69 | 13.392 | 1918 | 1922 | 1926 | rVB2 | 3477179 | 3007307 | 16.39% | 1.248% |
| 70 | 13.440 | 1926 | 1930 | 1932 | rBV | 1660824 | 1781363 | 9.71% | 0.739% |
| 71 | 13.457 | 1932 | 1933 | 1936 | rVB | 1709065 | 1001575 | 5.46% | 0.416% |

LSC Area Percent Report

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Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 13.516 | 1936 | 1943 | 1948 | rBV | 8196207 | 15160653 | 82.61% | 6.291% |
| 73 | 13.563 | 1949 | 1951 | 1954 | rVB | 1403276 | 1140223 | 6.21% | 0.473% |
| 74 | 13.610 | 1956 | 1959 | 1963 | rVB2 | 1073285 | 970704 | 5.29% | 0.403% |
| 75 | 13.651 | 1963 | 1966 | 1969 | rBV | 661877 | 582402 | 3.17% | 0.242% |
| 76 | 13.722 | 1974 | 1978 | 1981 | rBV | 5194243 | 4724618 | 25.74% | 1.961% |
| 77 | 13.745 | 1981 | 1982 | 1985 | rVB2 | 124695 | 83645 | 0.46% | 0.035% |
| 78 | 13.798 | 1987 | 1991 | 1994 | rVV | 1192869 | 1061550 | 5.78% | 0.441% |
| 79 | 13.834 | 1994 | 1997 | 2001 | rVB | 744445 | 700979 | 3.82% | 0.291% |
| 80 | 13.875 | 2001 | 2004 | 2006 | rBV | 522040 | 490106 | 2.67% | 0.203% |
| 81 | 13.898 | 2006 | 2008 | 2011 | rVV | 2651741 | 2372184 | 12.93% | 0.984% |
| 82 | 13.934 | 2011 | 2014 | 2018 | rVV2 | 729673 | 868290 | 4.73% | 0.360% |
| 83 | 13.975 | 2018 | 2021 | 2024 | rVV | 2901498 | 2672142 | 14.56% | 1.109% |
| 84 | 14.004 | 2024 | 2026 | 2031 | rVV3 | 2299928 | 2196040 | 11.97% | 0.911% |
| 85 | 14.045 | 2031 | 2033 | 2035 | rVV2 | 68978 | 46533 | 0.25% | 0.019% |
| 86 | 14.181 | 2052 | 2056 | 2060 | rBV | 3594913 | 3230612 | 17.60% | 1.341% |
| 87 | 14.228 | 2060 | 2064 | 2068 | rVV | 1831408 | 1674400 | 9.12% | 0.695% |
| 88 | 14.269 | 2068 | 2071 | 2076 | rVV5 | 234281 | 200635 | 1.09% | 0.083% |
| 89 | 14.316 | 2076 | 2079 | 2080 | rBV | 235397 | 181565 | 0.99% | 0.075% |
| 90 | 14.339 | 2080 | 2083 | 2090 | rVB | 867929 | 825440 | 4.50% | 0.343% |
| 91 | 14.498 | 2108 | 2110 | 2112 | rBV | 110992 | 92994 | 0.51% | 0.039% |
| 92 | 14.686 | 2140 | 2142 | 2147 | rVB3 | 177477 | 173986 | 0.95% | 0.072% |
| 93 | 15.404 | 2262 | 2264 | 2267 | rVB2 | 231749 | 234731 | 1.28% | 0.097% |
| 94 | 15.451 | 2267 | 2272 | 2277 | rBV | 2147203 | 2472182 | 13.47% | 1.026% |
| 95 | 15.592 | 2292 | 2296 | 2302 | rBV2 | 314642 | 482978 | 2.63% | 0.200% |
| 96 | 16.157 | 2387 | 2392 | 2399 | rBV | 641885 | 1192400 | 6.50% | 0.495% |
| 97 | 16.592 | 2460 | 2466 | 2475 | rVB | 1079108 | 2002060 | 10.91% | 0.831% |
| 98 | 17.169 | 2560 | 2564 | 2571 | rVB | 317812 | 574968 | 3.13% | 0.239% |
| 99 | 17.245 | 2573 | 2577 | 2586 | rVB | 252217 | 489809 | 2.67% | 0.203% |
| 100 | 17.951 | 2690 | 2697 | 2708 | rVB | 736105 | 1865097 | 10.16% | 0.774% |

Sum of corrected areas: 240973372

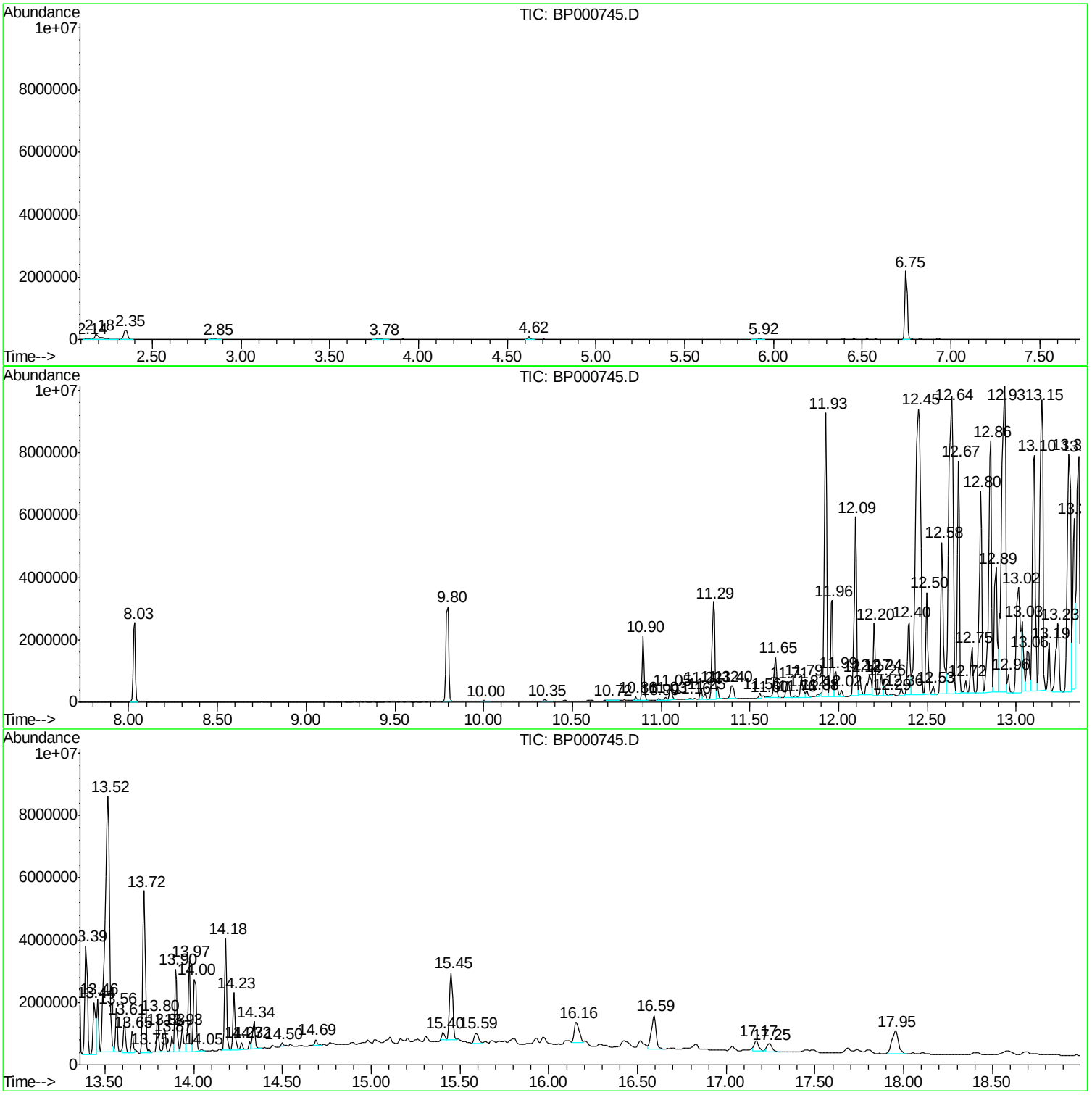
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

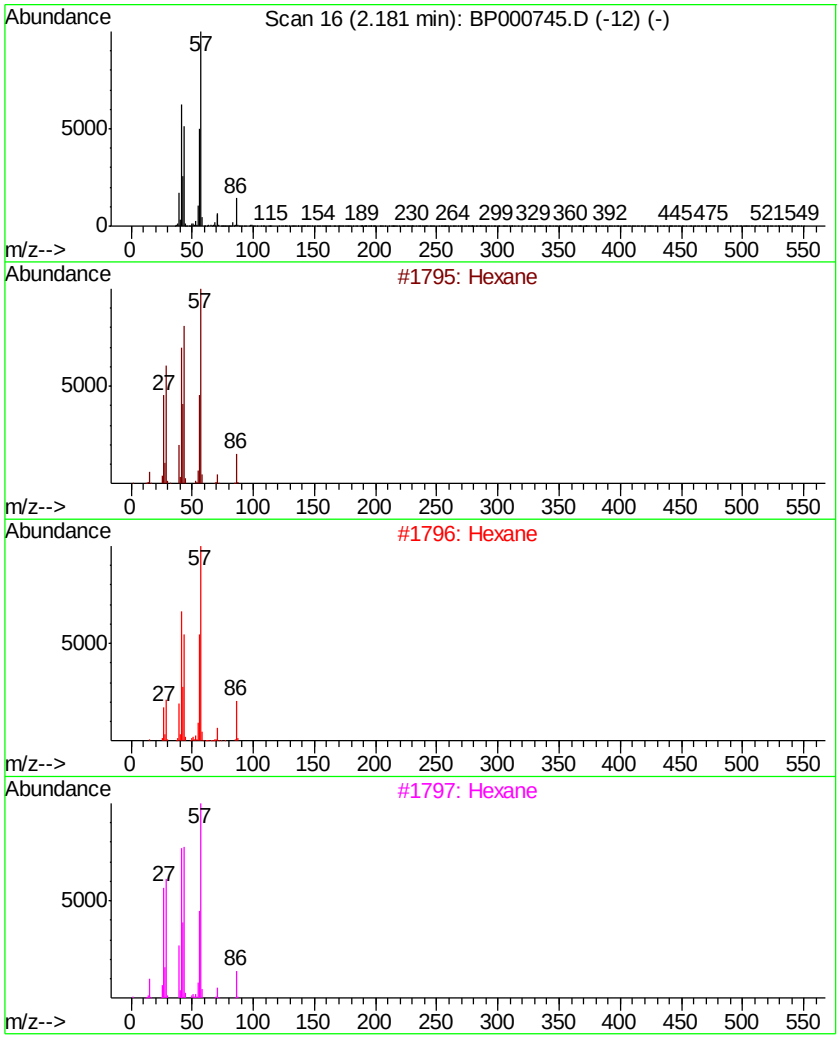
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

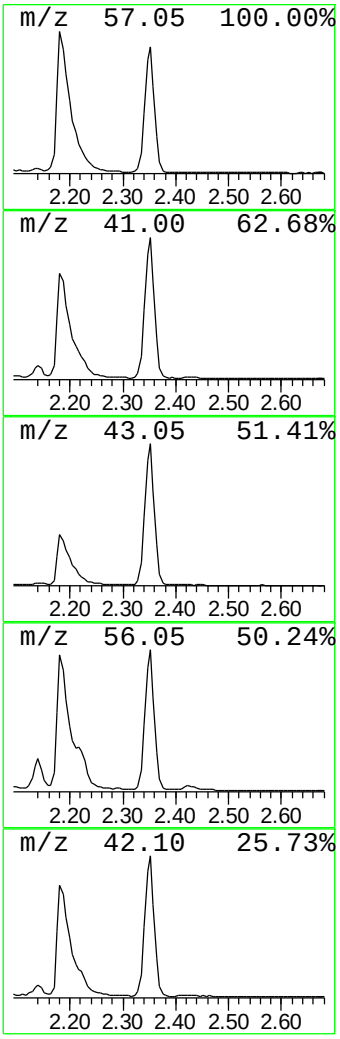
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.18 | 3.53 ng/ul | 304996 | 1,4-Dichlorobenzene-d4 | 6.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexane | 86 | C6H14 | 000110-54-3 | 90 |
| 2 | Hexane | 86 | C6H14 | 000110-54-3 | 74 |
| 3 | Hexane | 86 | C6H14 | 000110-54-3 | 58 |
| 4 | Hexane, 2,2,4-trimethyl- | 128 | C9H20 | 016747-26-5 | 40 |
| 5 | Furan, tetrahydro-3-methyl- | 86 | C5H10O | 013423-15-9 | 38 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

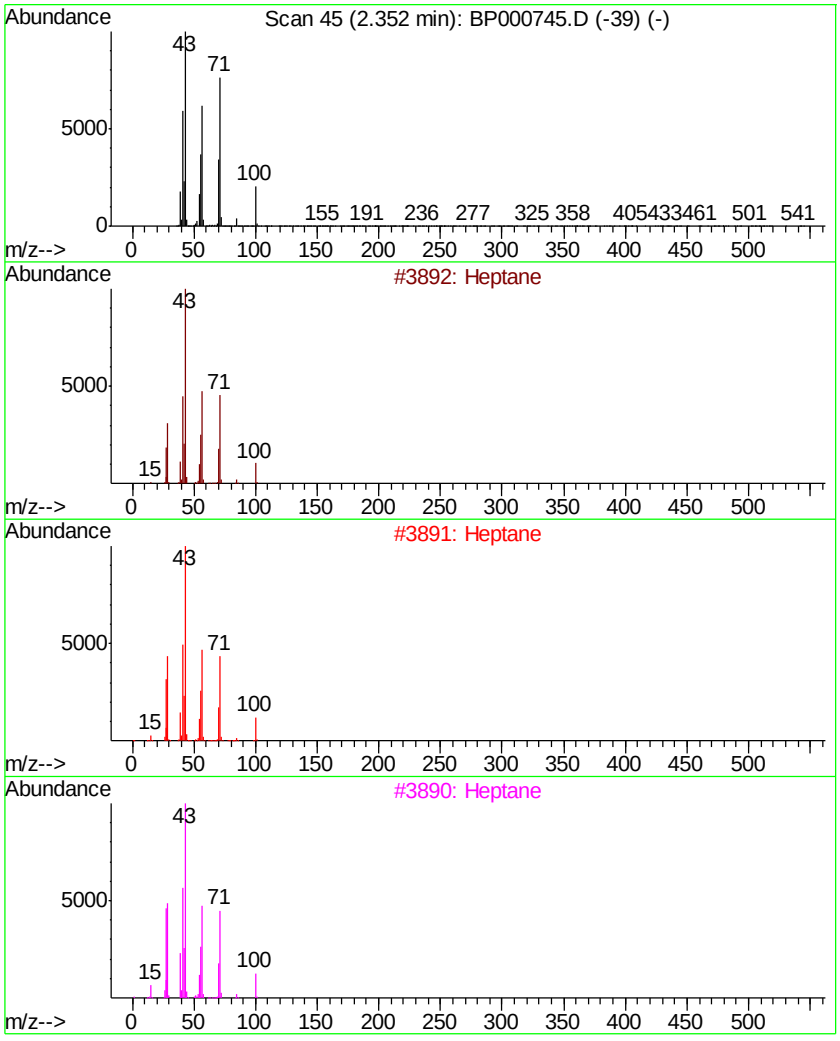
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

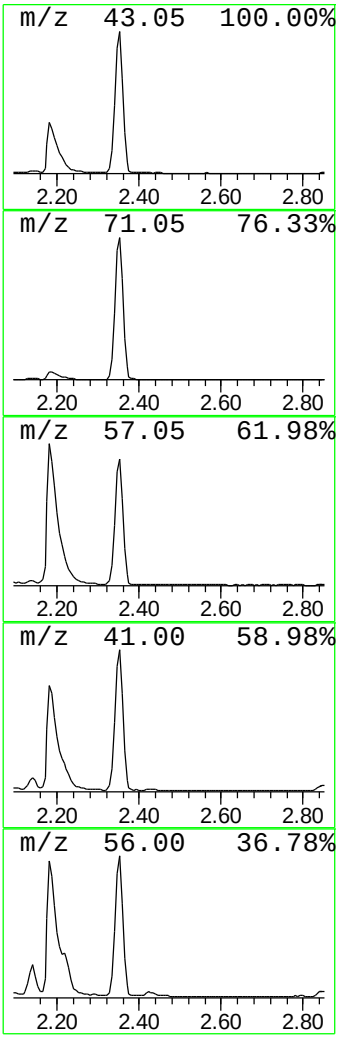
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.35 | 4.21 ng/ul | 363694 | 1,4-Dichlorobenzene-d4 | 6.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane | 100 | C7H16 | 000142-82-5 | 94 |
| 2 | Heptane | 100 | C7H16 | 000142-82-5 | 91 |
| 3 | Heptane | 100 | C7H16 | 000142-82-5 | 91 |
| 4 | Heptane | 100 | C7H16 | 000142-82-5 | 80 |
| 5 | Acetaldehyde, propylhydrazone | 100 | C5H12N2 | 007422-88-0 | 58 |



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Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

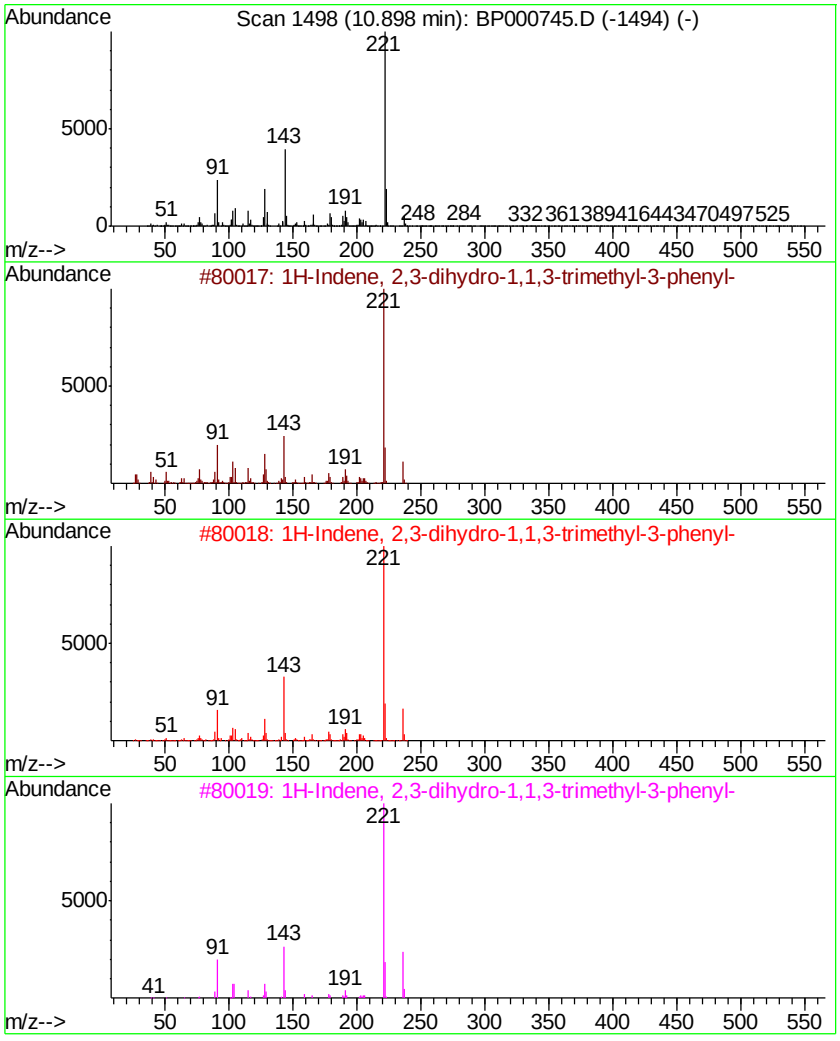
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

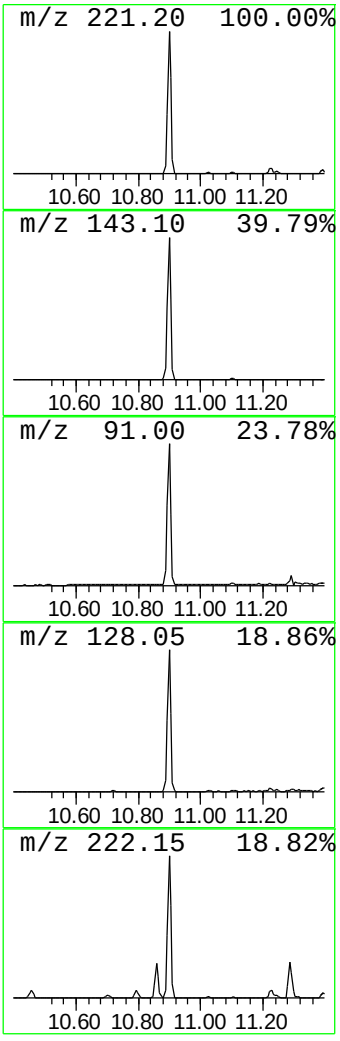
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.90 | 10.93 ng/ul | 1627480 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 236 | C18H20 | 003910-35-8 | 93 |
| 2 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 236 | C18H20 | 003910-35-8 | 78 |
| 3 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 236 | C18H20 | 003910-35-8 | 46 |
| 4 | 1H-1,2,4-Triazole, 3,5-diphenyl- | 221 | C14H11N3 | 002039-06-7 | 43 |
| 5 | Benz[j]isoquinoline, 3,6,8-trime... | 221 | C16H15N | 061171-16-2 | 43 |



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Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

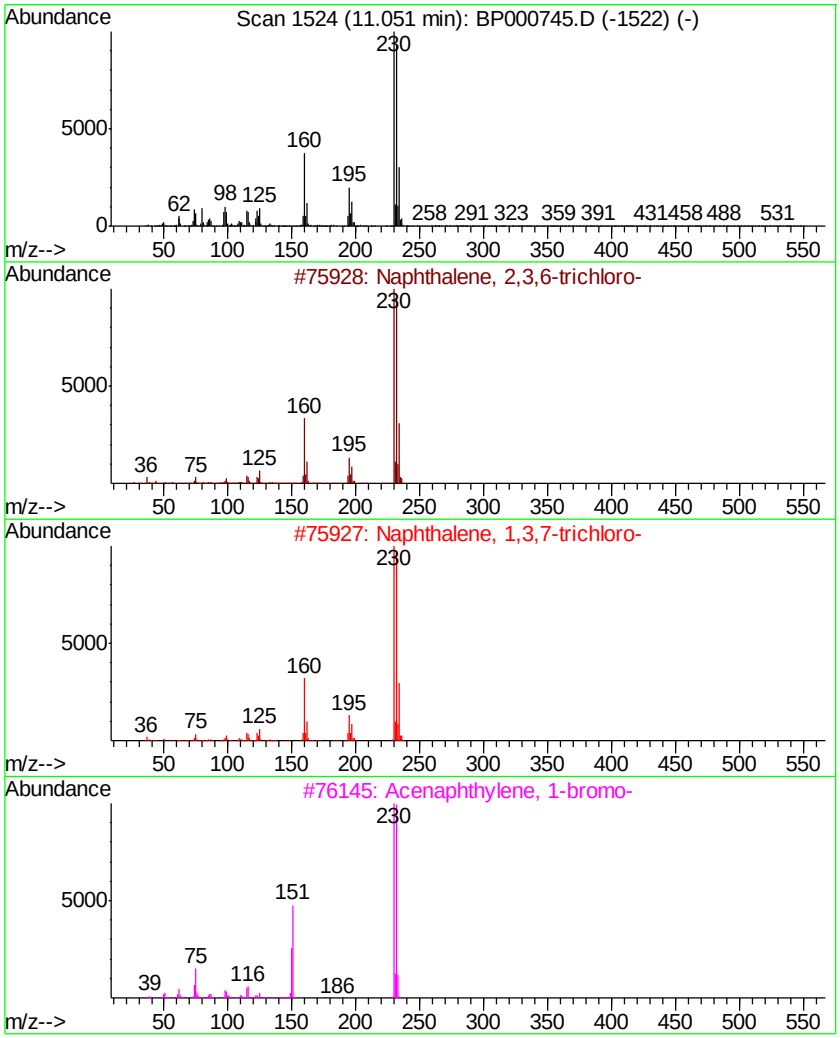
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

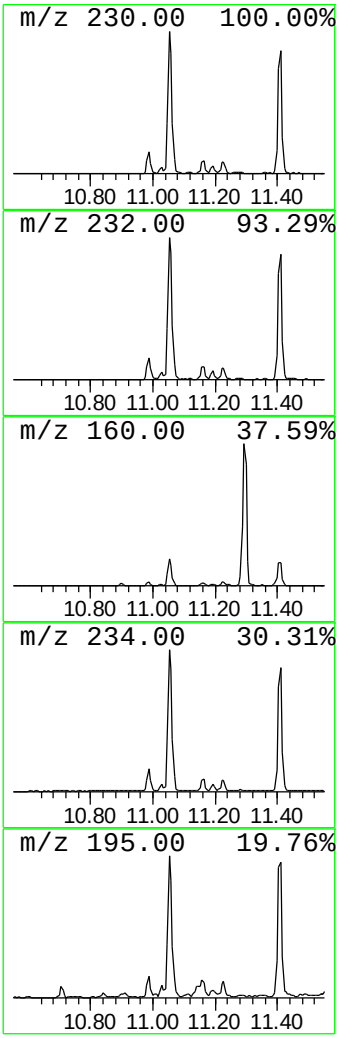
**********

Peak Number 4 Naphthalene, 2,3,6-trichloro- Concentration Rank 60

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.05 | 2.06 ng/ul | 306107 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trichloro- | 230 | C10H5Cl3 | 055720-40-6 | 99 |
| 2 | Naphthalene, 1,3,7-trichloro- | 230 | C10H5Cl3 | 055720-37-1 | 99 |
| 3 | Acenaphthylene, 1-bromo- | 230 | C12H7Br | 054736-49-1 | 70 |
| 4 | 1-Perchloroethenyl-4-ethynylbenzene | 230 | C10H5Cl3 | 1000283-76-9 | 68 |
| 5 | Toluene, 2-bromo-3,5-dimethoxy- | 230 | C9H11BrO2 | 013321-73-8 | 53 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

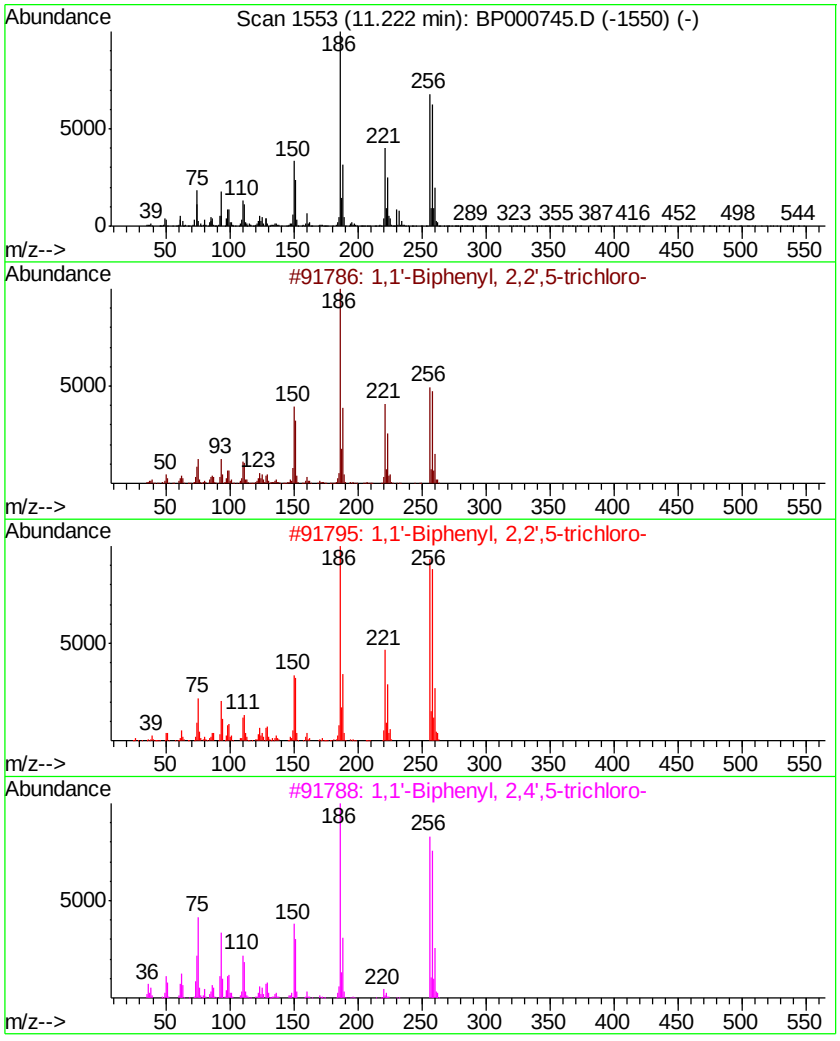
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

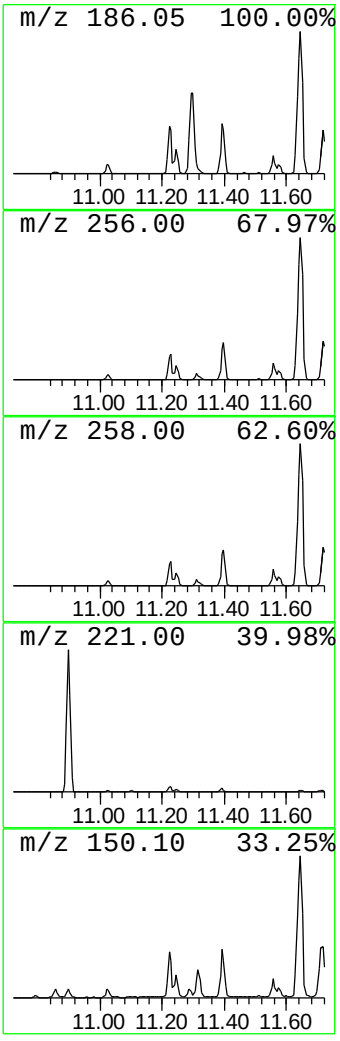
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 58

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.22 | 2.22 ng/ul | 331140 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',5-trichloro- | 256 | C12H7Cl3 | 037680-65-2 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',5-trichloro- | 256 | C12H7Cl3 | 037680-65-2 | 99 |
| 3 | 1,1'-Biphenyl, 2,4',5-trichloro- | 256 | C12H7Cl3 | 016606-02-3 | 99 |
| 4 | 1,1'-Biphenyl, 2,3,4-trichloro- | 256 | C12H7Cl3 | 055702-46-0 | 98 |
| 5 | 1,1'-Biphenyl, 2,4',5-trichloro- | 256 | C12H7Cl3 | 016606-02-3 | 98 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

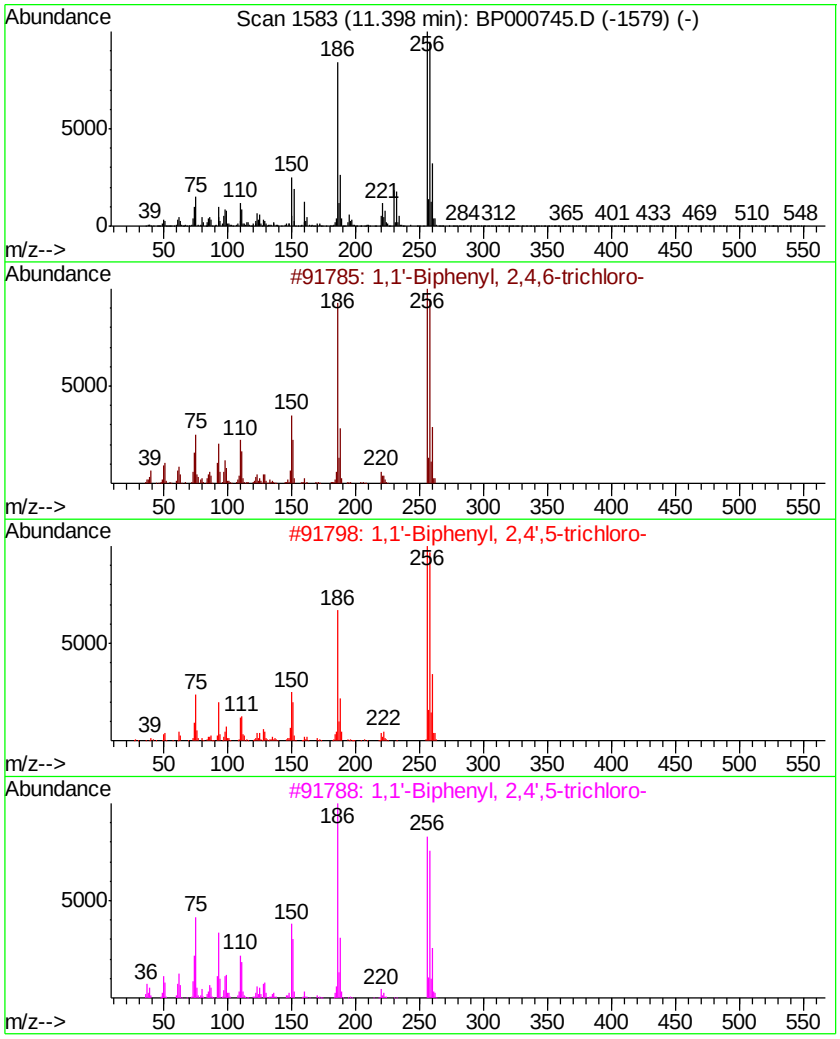
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

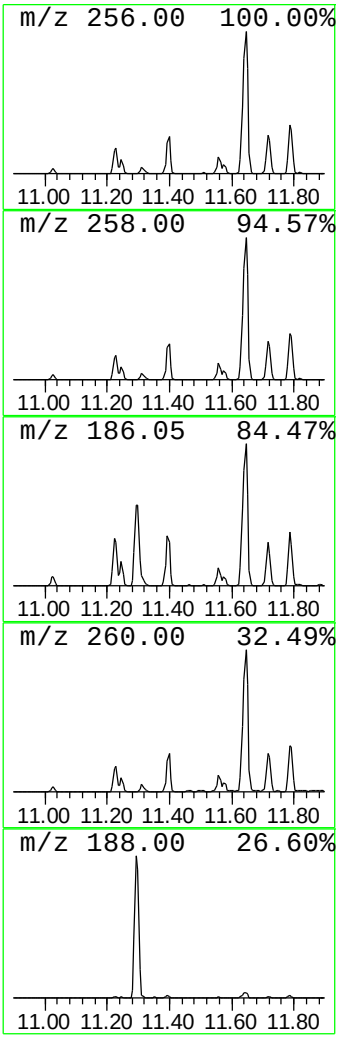
**********

Peak Number 6 1,1'-Biphenyl, 2,4,6-trichl... Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.40 | 4.19 ng/ul | 624312 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,4,6-trichloro- | 256 | C12H7Cl3 | 035693-92-6 | 99 |
| 2 | 1,1'-Biphenyl, 2,4',5-trichloro- | 256 | C12H7Cl3 | 016606-02-3 | 99 |
| 3 | 1,1'-Biphenyl, 2,4',5-trichloro- | 256 | C12H7Cl3 | 016606-02-3 | 99 |
| 4 | 1,1'-Biphenyl, 2,4,4'-trichloro- | 256 | C12H7Cl3 | 007012-37-5 | 98 |
| 5 | 1,1'-Biphenyl, 2,3,6-trichloro- | 256 | C12H7Cl3 | 055702-45-9 | 98 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

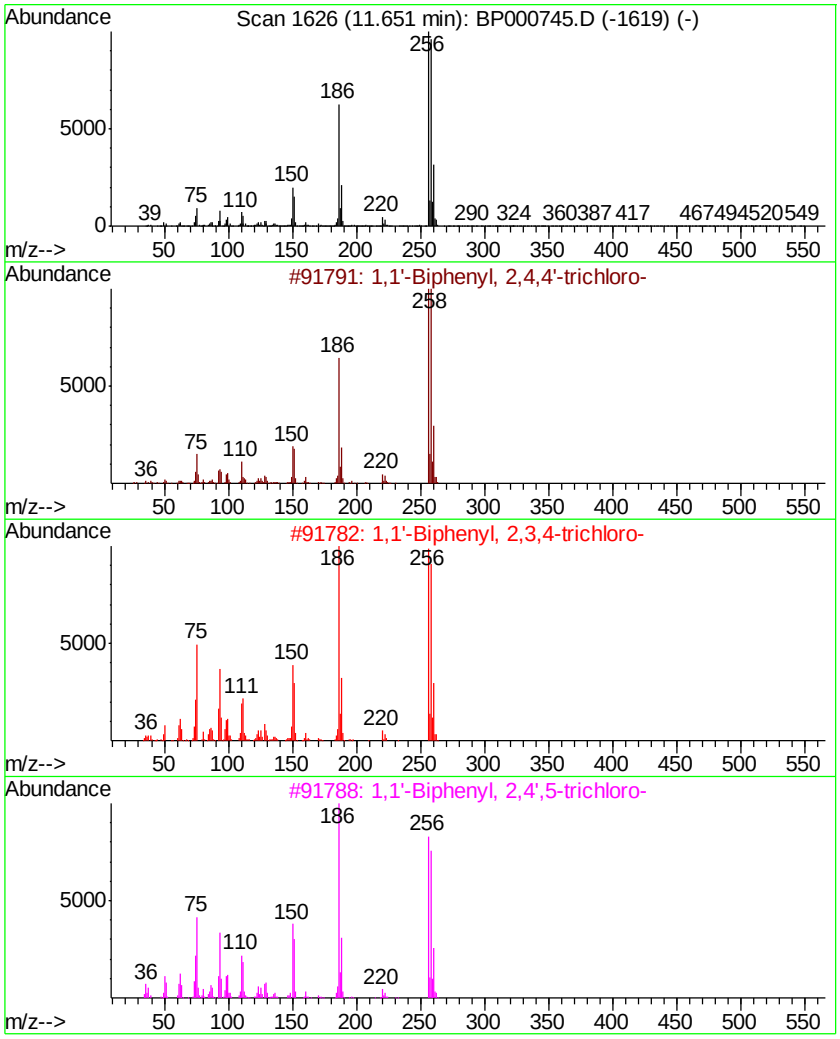
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

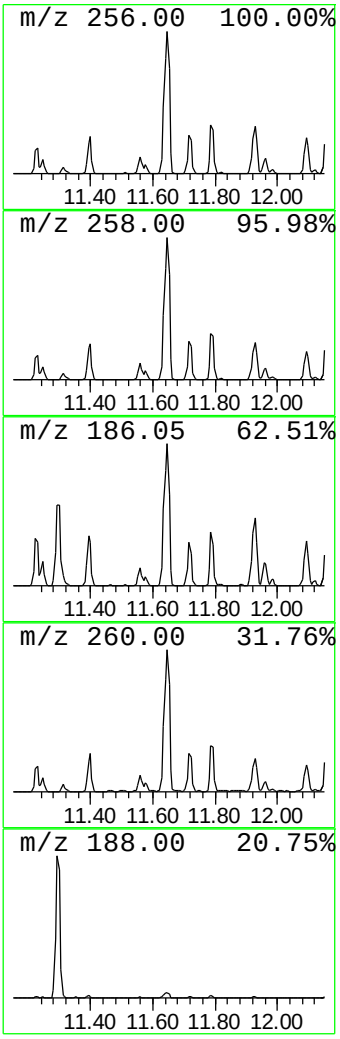
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.65 | 10.24 ng/ul | 1525450 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,4,4'-trichloro- | 256 | C12H7Cl3 | 007012-37-5 | 99 |
| 2 | 1,1'-Biphenyl, 2,3,4-trichloro- | 256 | C12H7Cl3 | 055702-46-0 | 99 |
| 3 | 1,1'-Biphenyl, 2,4',5-trichloro- | 256 | C12H7Cl3 | 016606-02-3 | 99 |
| 4 | 1,1'-Biphenyl, 2,3,6-trichloro- | 256 | C12H7Cl3 | 055702-45-9 | 99 |
| 5 | 1,1'-Biphenyl, 3,4,4'-Trichloro- | 256 | C12H7Cl3 | 038444-90-5 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

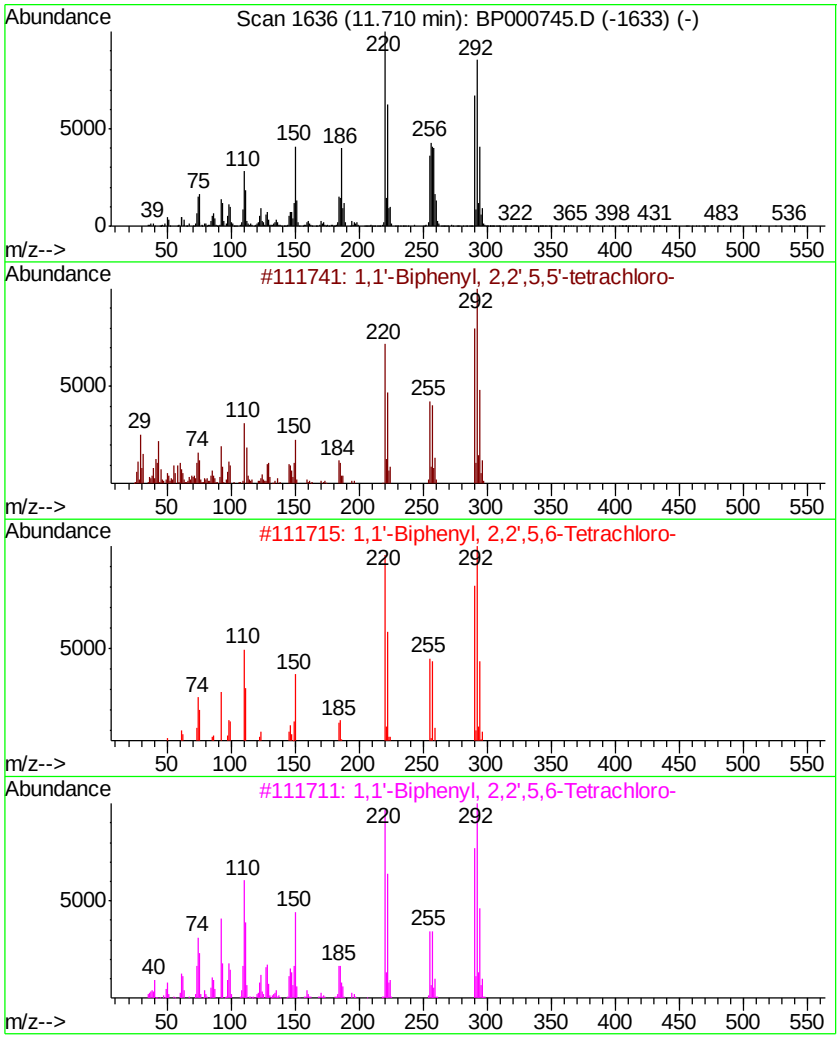
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

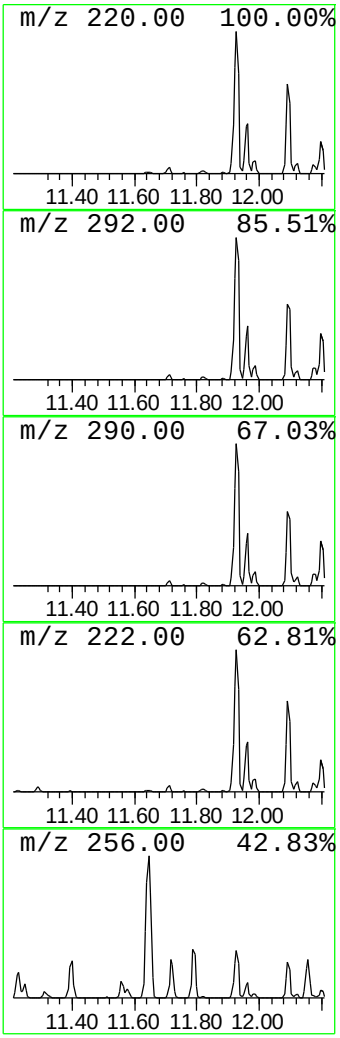
**********

Peak Number 8 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.71 | 4.00 ng/ul | 595425 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',5,5'-tetrach... | 290 | C12H6Cl4 | 035693-99-3 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',5,6-Tetrachl... | 290 | C12H6Cl4 | 041464-41-9 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',5,6-Tetrachl... | 290 | C12H6Cl4 | 041464-41-9 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',4,6-Tetrachl... | 290 | C12H6Cl4 | 062796-65-0 | 99 |
| 5 | 1,1'-Biphenyl, 2,3,3',5'-tetrach... | 290 | C12H6Cl4 | 041464-49-7 | 99 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

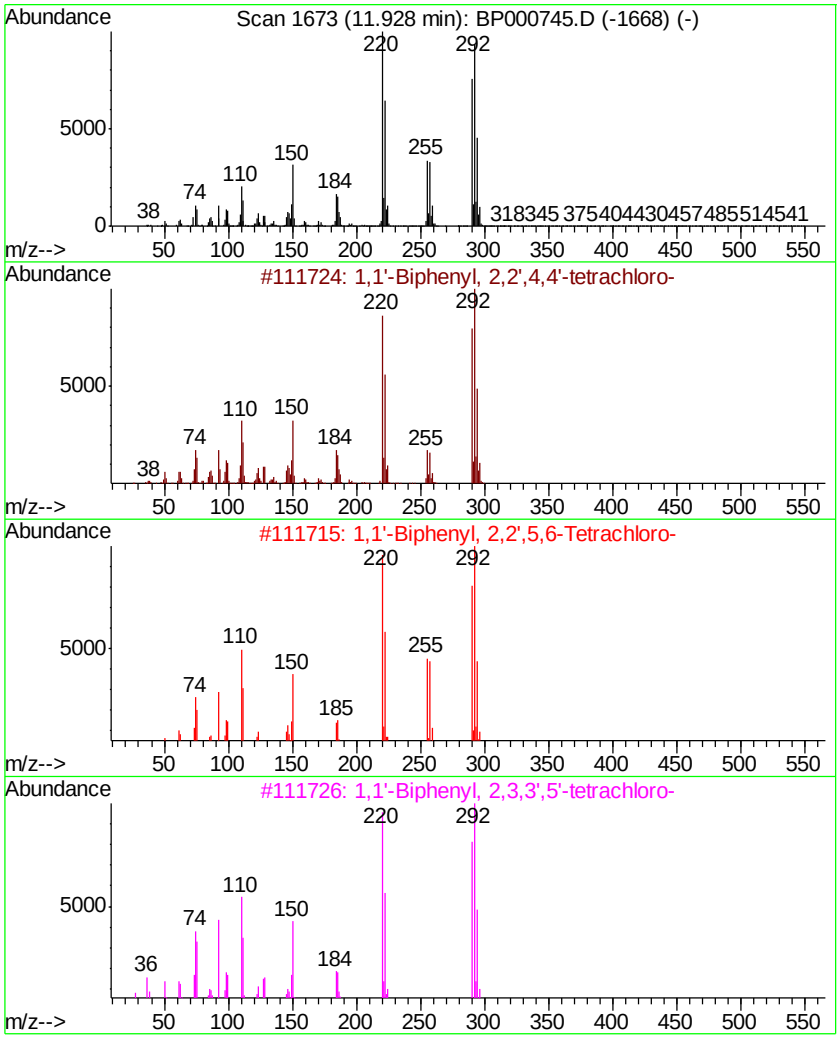
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

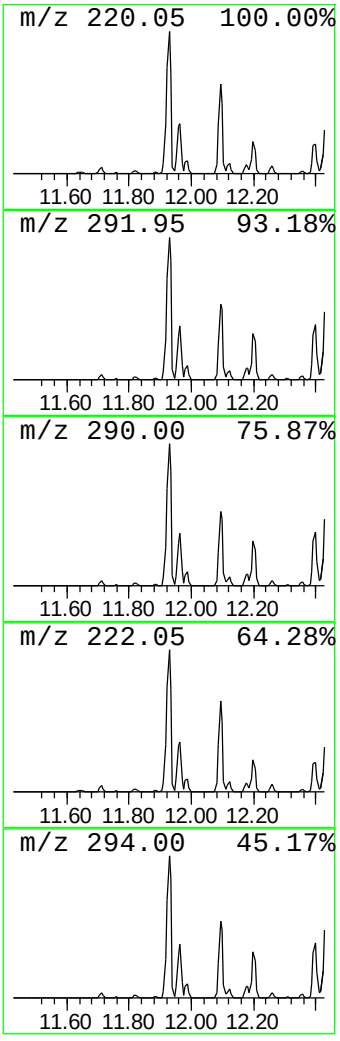
**********

Peak Number 10 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.93 | 63.66 ng/ul | 9481680 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290 | C12H6Cl4 | 002437-79-8 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',5,6-Tetrachl... | 290 | C12H6Cl4 | 041464-41-9 | 99 |
| 3 | 1,1'-Biphenyl, 2,3,3',5'-tetrach... | 290 | C12H6Cl4 | 041464-49-7 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',5,6-Tetrachl... | 290 | C12H6Cl4 | 041464-41-9 | 99 |
| 5 | 1,1'-Biphenyl, 2,2',6,6'-tetrach... | 290 | C12H6Cl4 | 015968-05-5 | 99 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

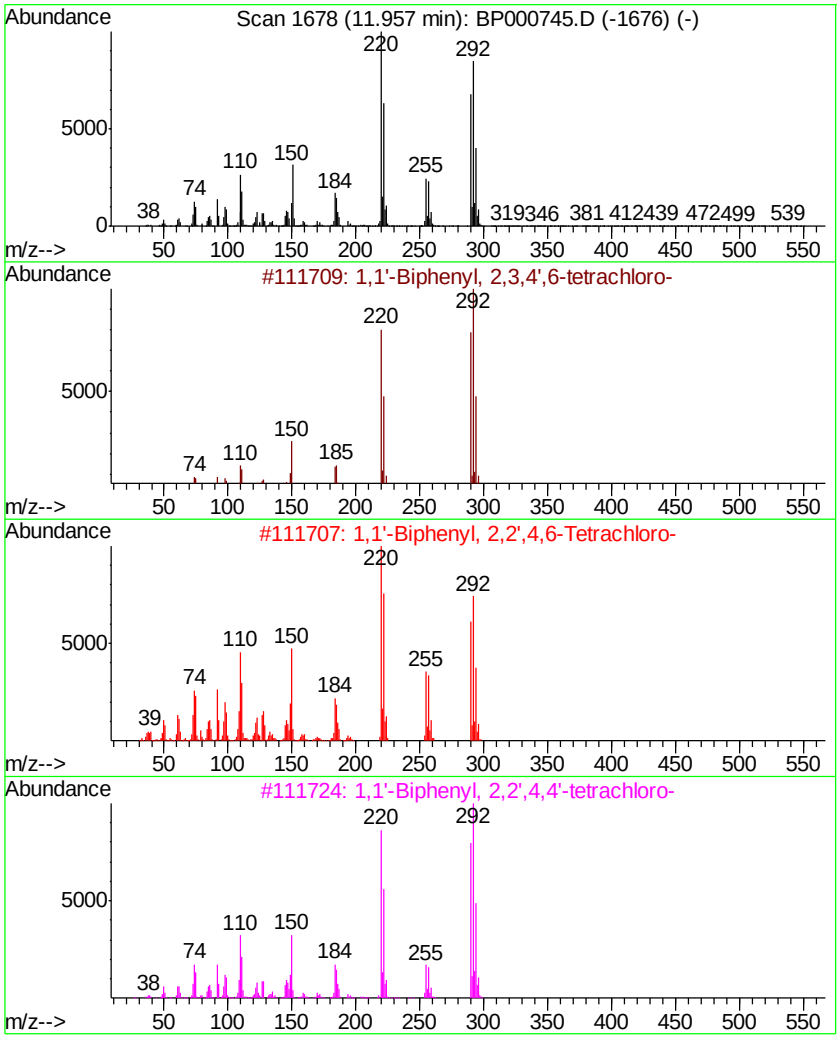
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

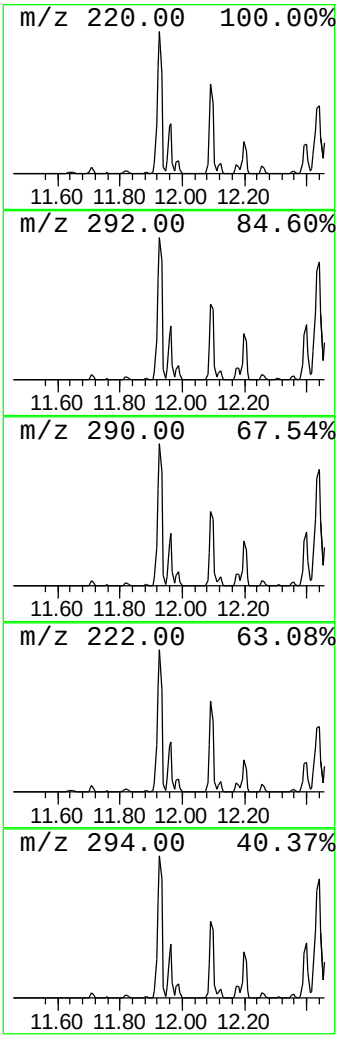
**********

Peak Number 11 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.96 | 18.60 ng/ul | 2770020 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,3,4',6-tetrachl... | 290 | C12H6Cl4 | 052663-58-8 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',4,6-Tetrachl... | 290 | C12H6Cl4 | 062796-65-0 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290 | C12H6Cl4 | 002437-79-8 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',5,6-Tetrachl... | 290 | C12H6Cl4 | 041464-41-9 | 99 |
| 5 | 1,1'-Biphenyl, 2,3,3',5'-tetrach... | 290 | C12H6Cl4 | 041464-49-7 | 99 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

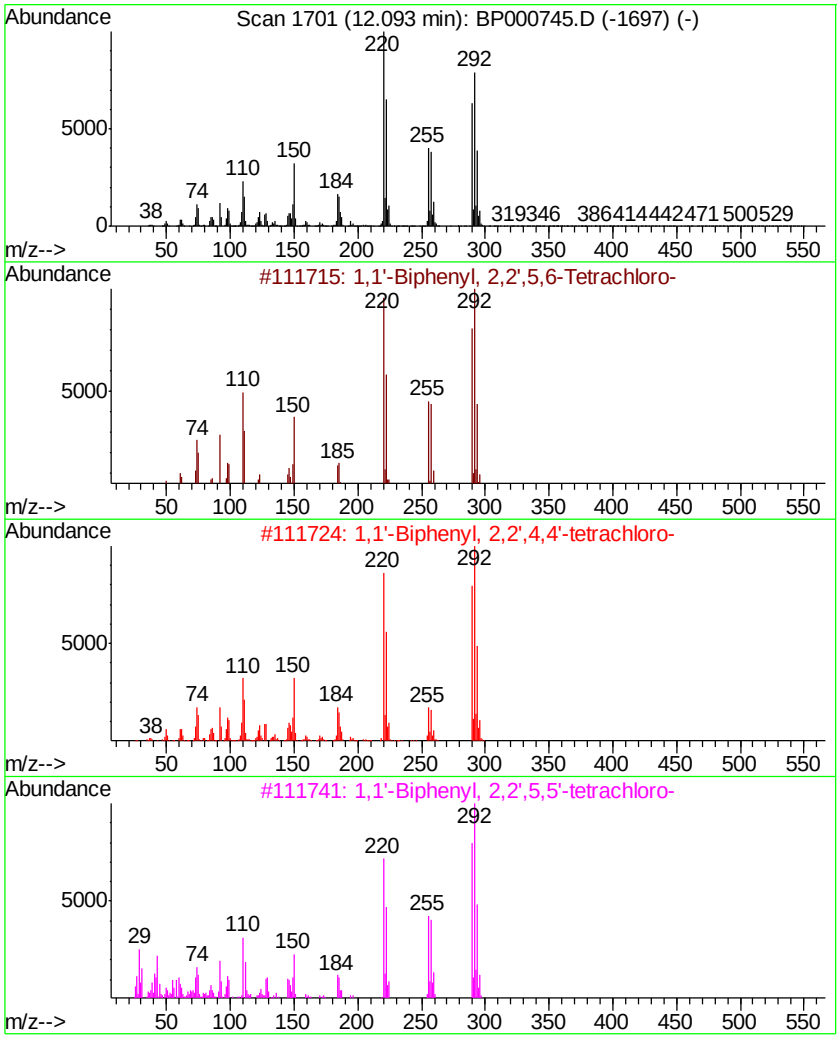
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

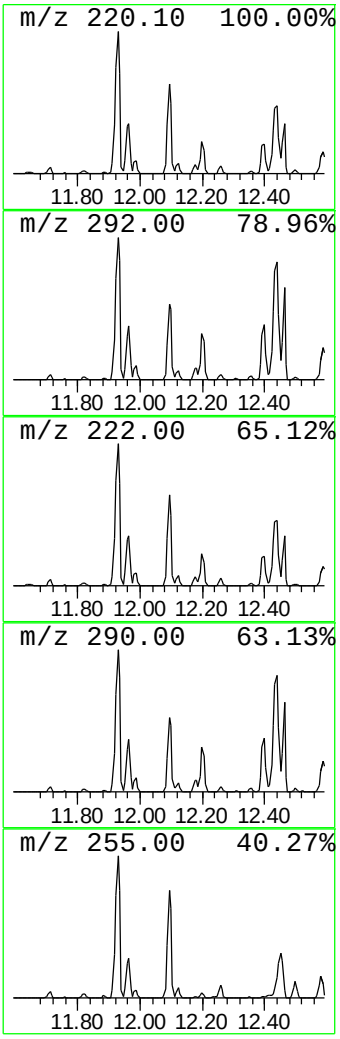
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.09 | 34.75 ng/ul | 5175140 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',5,6-Tetrachl... | 290 | C12H6Cl4 | 041464-41-9 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290 | C12H6Cl4 | 002437-79-8 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',5,5'-tetrach... | 290 | C12H6Cl4 | 035693-99-3 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',6,6'-tetrach... | 290 | C12H6Cl4 | 015968-05-5 | 99 |
| 5 | 1,1'-Biphenyl, 2,2',4,6-Tetrachl... | 290 | C12H6Cl4 | 062796-65-0 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

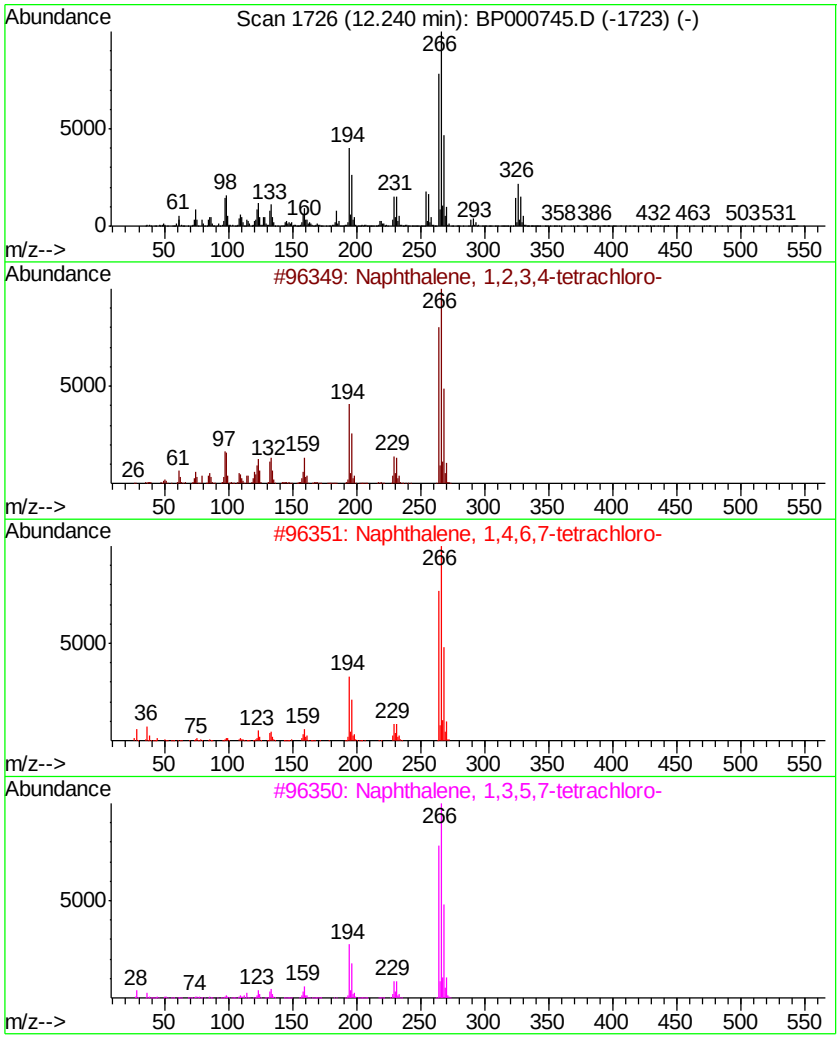
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

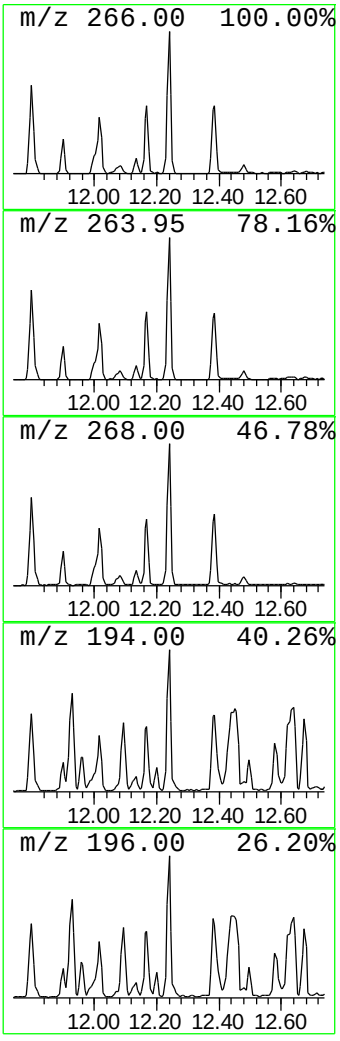
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Naphthalene, 1,2,3,4-tetrac... Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.24 | 4.40 ng/ul | 655789 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrachloro- | 264 | C10H4Cl4 | 020020-02-4 | 99 |
| 2 | Naphthalene, 1,4,6,7-tetrachloro- | 264 | C10H4Cl4 | 055720-43-9 | 99 |
| 3 | Naphthalene, 1,3,5,7-tetrachloro- | 264 | C10H4Cl4 | 053555-64-9 | 99 |
| 4 | Naphthalene, 1,2,3,4-tetrachloro- | 264 | C10H4Cl4 | 020020-02-4 | 99 |
| 5 | Naphthalene, 1,2,3,4-tetrachloro- | 264 | C10H4Cl4 | 020020-02-4 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

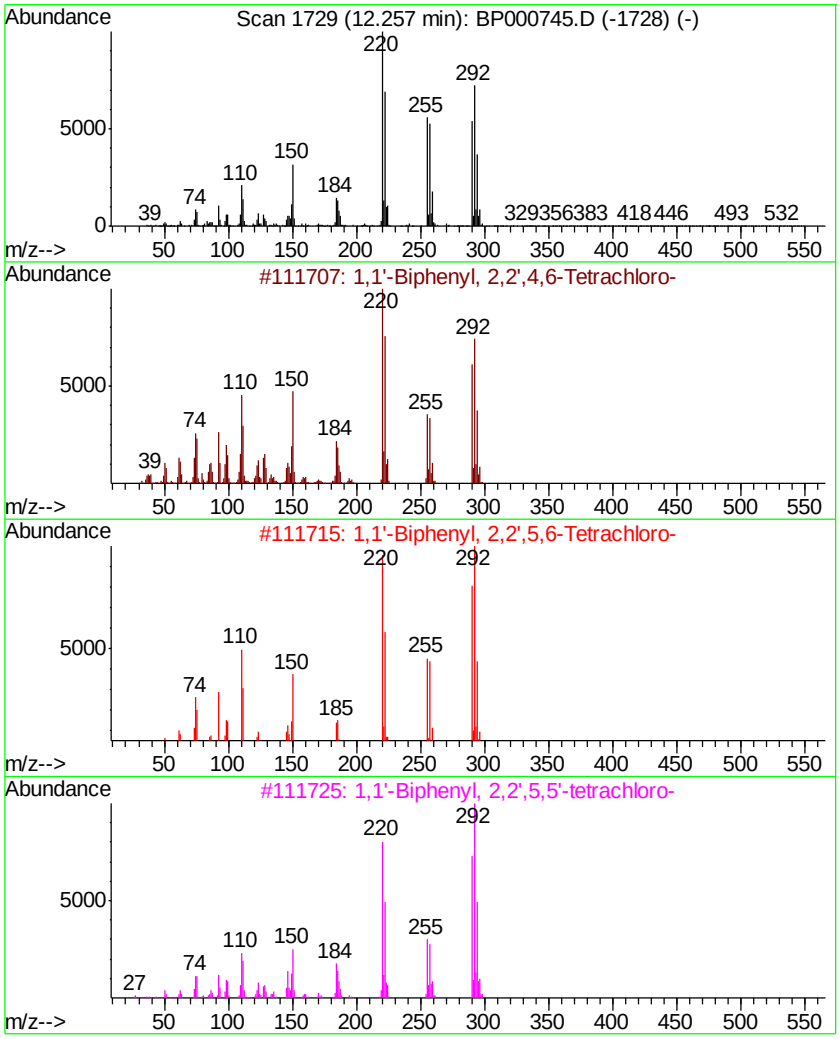
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

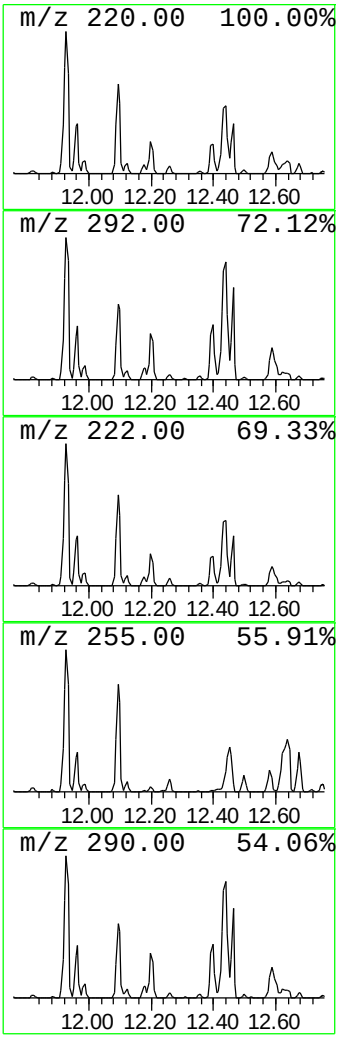
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 59

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.26 | 2.15 ng/ul | 319859 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',4,6-Tetrachl... | 290 | C12H6Cl4 | 062796-65-0 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',5,6-Tetrachl... | 290 | C12H6Cl4 | 041464-41-9 | 98 |
| 3 | 1,1'-Biphenyl, 2,2',5,5'-tetrach... | 290 | C12H6Cl4 | 035693-99-3 | 96 |
| 4 | 1,1'-Biphenyl, 2,2',4,5'-tetrach... | 290 | C12H6Cl4 | 041464-40-8 | 96 |
| 5 | 1,1'-Biphenyl, 2,2',3,3'-tetrach... | 290 | C12H6Cl4 | 038444-93-8 | 96 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

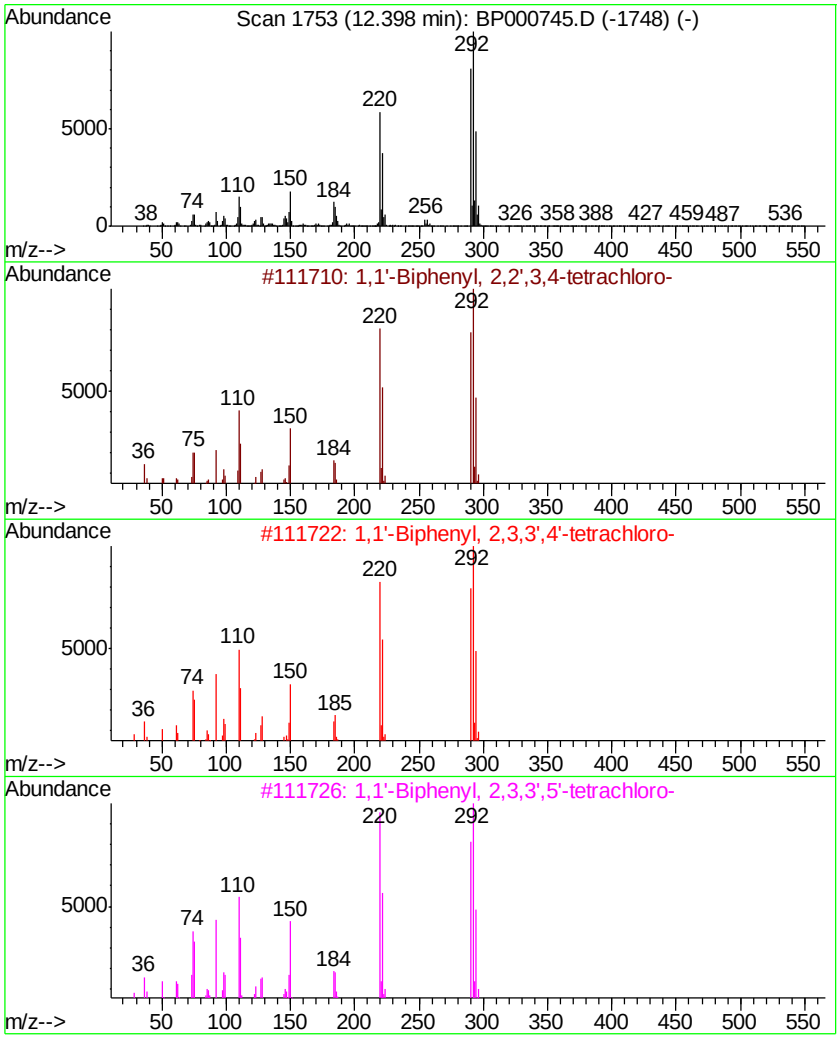
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

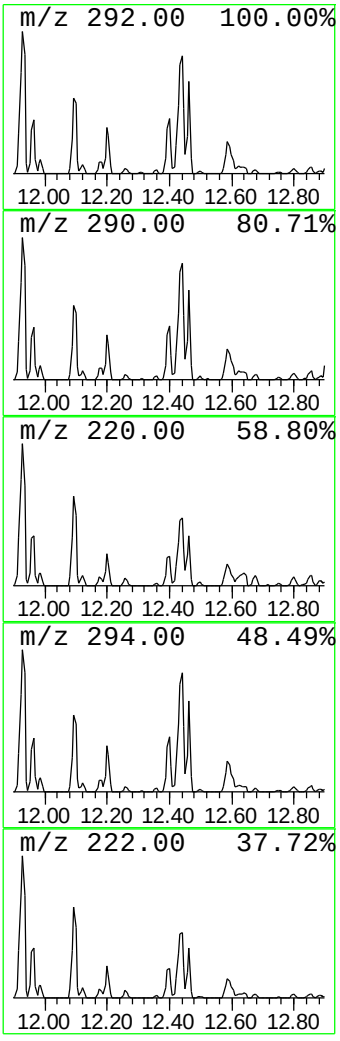
**********

Peak Number 19 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.40 | 18.15 ng/ul | 2702770 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',3,4-tetrachl... | 290 | C12H6Cl4 | 052663-59-9 | 99 |
| 2 | 1,1'-Biphenyl, 2,3,3',4'-tetrach... | 290 | C12H6Cl4 | 041464-43-1 | 99 |
| 3 | 1,1'-Biphenyl, 2,3,3',5'-tetrach... | 290 | C12H6Cl4 | 041464-49-7 | 99 |
| 4 | 1,1'-Biphenyl, 3,3',4,4'-tetrach... | 290 | C12H6Cl4 | 032598-13-3 | 99 |
| 5 | 1,1'-Biphenyl, 2,3,4',6-tetrachl... | 290 | C12H6Cl4 | 052663-58-8 | 99 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

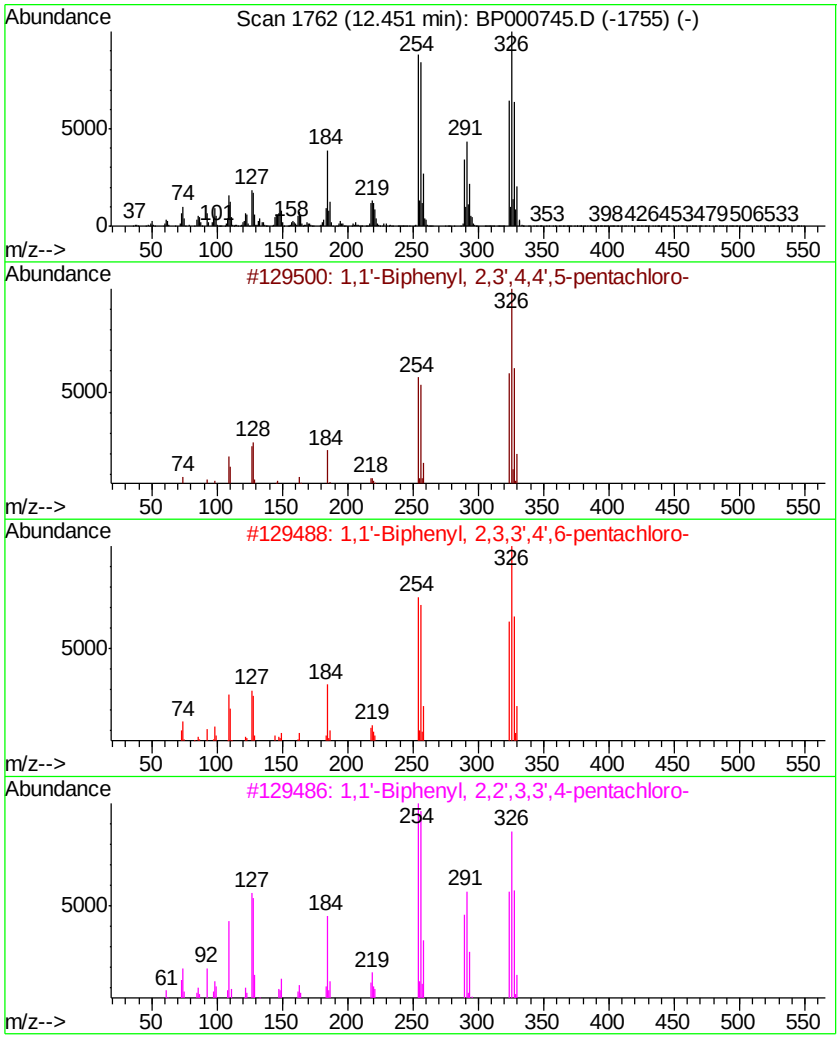
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

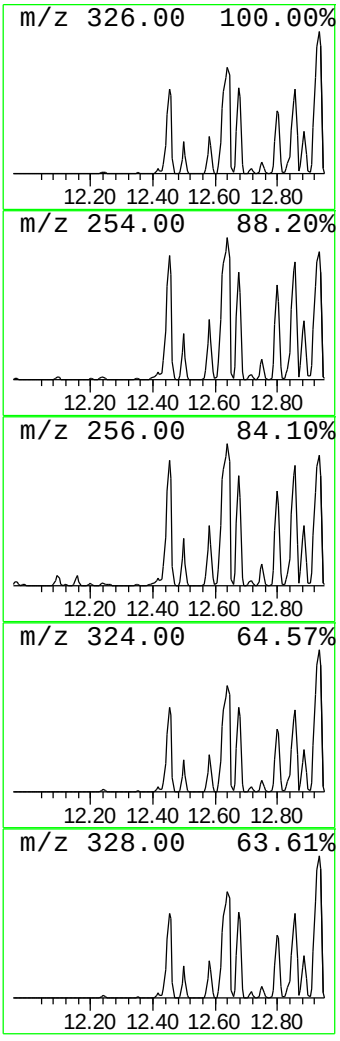
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.45 | 123.23 ng/ul | 18352800 | Phenanthrene-d10 | 11.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,3',4,4',5-penta... | 324 | C12H5Cl5 | 031508-00-6 | 99 |
| 2 | 1,1'-Biphenyl, 2,3,3',4',6-penta... | 324 | C12H5Cl5 | 038380-03-9 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',3,3',4-penta... | 324 | C12H5Cl5 | 052663-62-4 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',3,5',6-penta... | 324 | C12H5Cl5 | 038379-99-6 | 99 |
| 5 | 1,1'-Biphenyl, 2,2',3,3',6-penta... | 324 | C12H5Cl5 | 052663-60-2 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

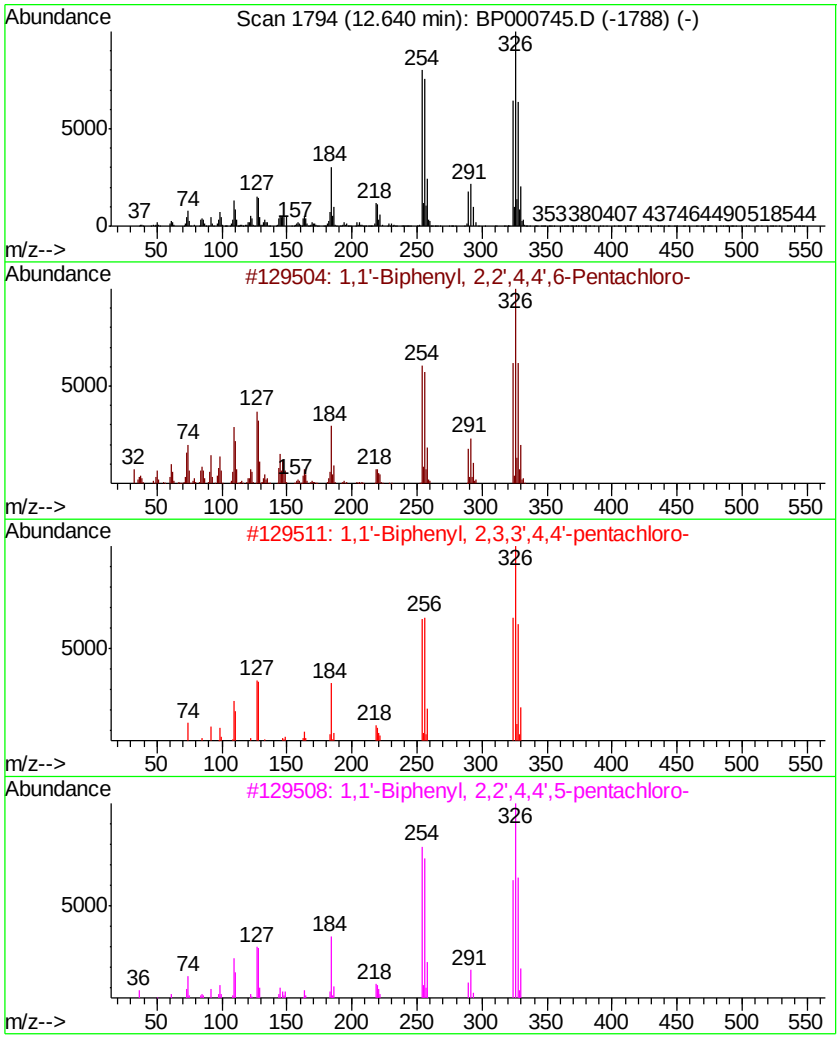
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

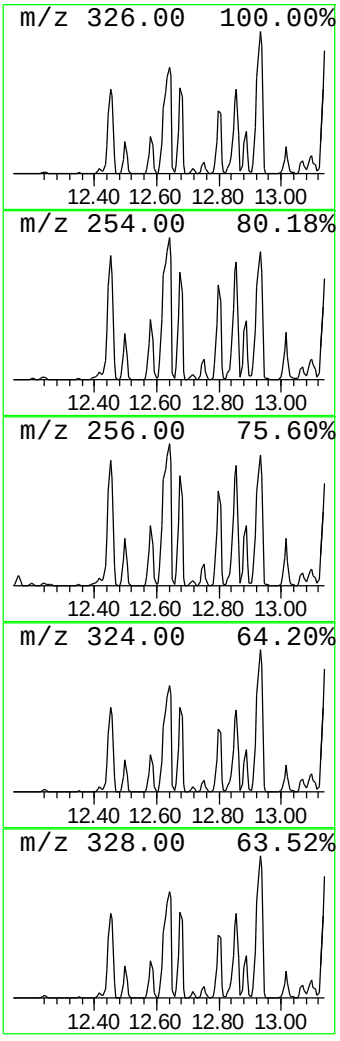
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.64 | 126.80 ng/ul | 16941100 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',4,4',6-Penta... | 324 | C12H5Cl5 | 039485-83-1 | 96 |
| 2 | 1,1'-Biphenyl, 2,3,3',4,4'-penta... | 324 | C12H5Cl5 | 032598-14-4 | 96 |
| 3 | 1,1'-Biphenyl, 2,2',4,4',5-penta... | 324 | C12H5Cl5 | 038380-01-7 | 96 |
| 4 | 1,1'-Biphenyl, 2,2',4,4',5-penta... | 324 | C12H5Cl5 | 038380-01-7 | 95 |
| 5 | 1,1'-Biphenyl, 2,3,3',4',6-penta... | 324 | C12H5Cl5 | 038380-03-9 | 95 |



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Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

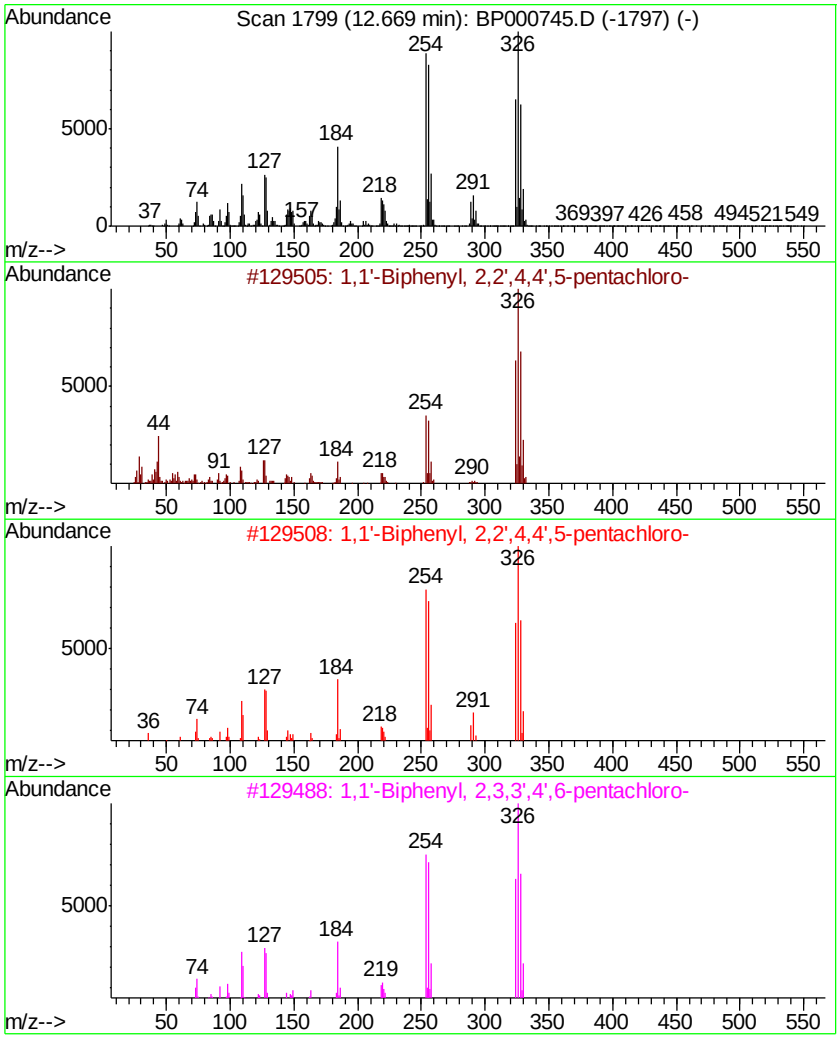
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

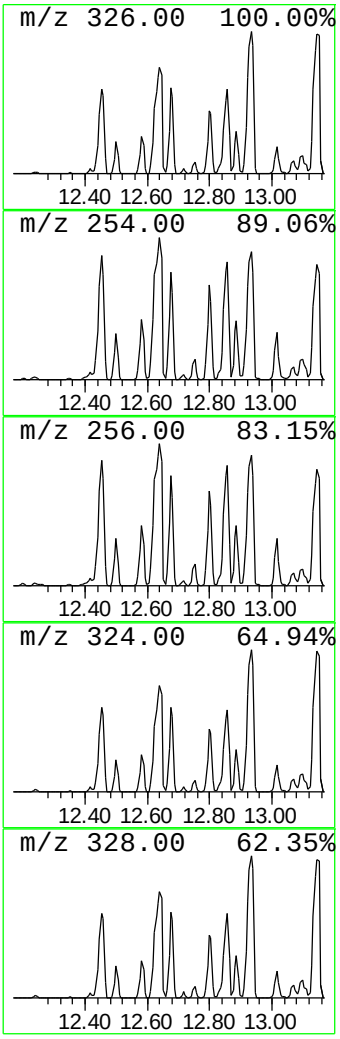
**********

Peak Number 22 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.67 | 50.83 ng/ul | 6791780 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',4,4',5-penta... | 324 | C12H5Cl5 | 038380-01-7 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',4,4',5-penta... | 324 | C12H5Cl5 | 038380-01-7 | 99 |
| 3 | 1,1'-Biphenyl, 2,3,3',4',6-penta... | 324 | C12H5Cl5 | 038380-03-9 | 99 |
| 4 | 1,1'-Biphenyl, 2,3,3',4,4'-penta... | 324 | C12H5Cl5 | 032598-14-4 | 98 |
| 5 | 1,1'-Biphenyl, 2,2',4,5,5'-penta... | 324 | C12H5Cl5 | 037680-73-2 | 96 |



Library Search Compound Report

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Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

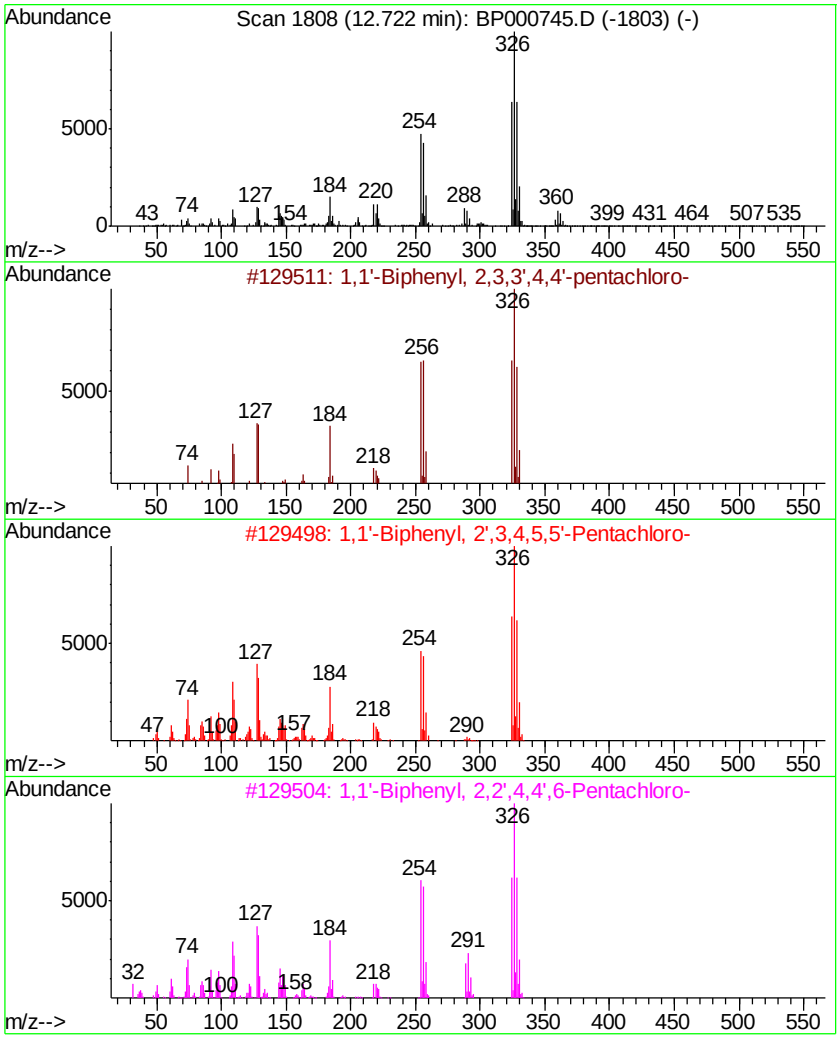
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

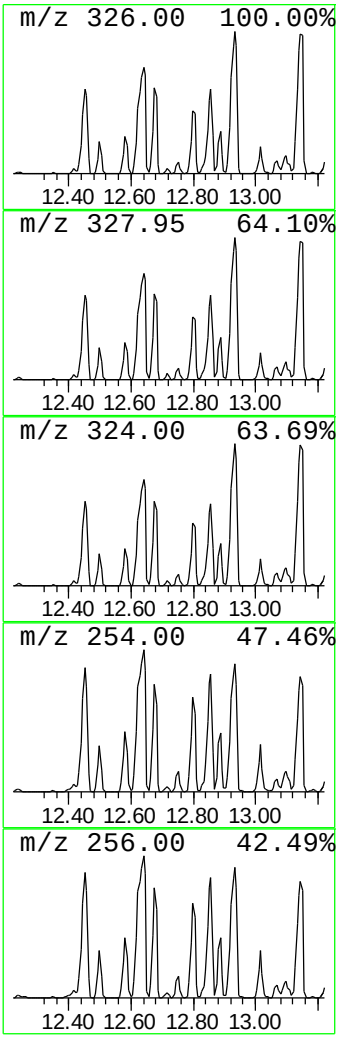
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.72 | 2.45 ng/ul | 327821 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,3,3',4,4'-penta... | 324 | C12H5Cl5 | 032598-14-4 | 99 |
| 2 | 1,1'-Biphenyl, 2',3,4,5,5'-Penta... | 324 | C12H5Cl5 | 070424-70-3 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',4,4',6-Penta... | 324 | C12H5Cl5 | 039485-83-1 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',3,5,5'-penta... | 324 | C12H5Cl5 | 052663-61-3 | 98 |
| 5 | 1,1'-Biphenyl, 2,3,3',4',6-penta... | 324 | C12H5Cl5 | 038380-03-9 | 98 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

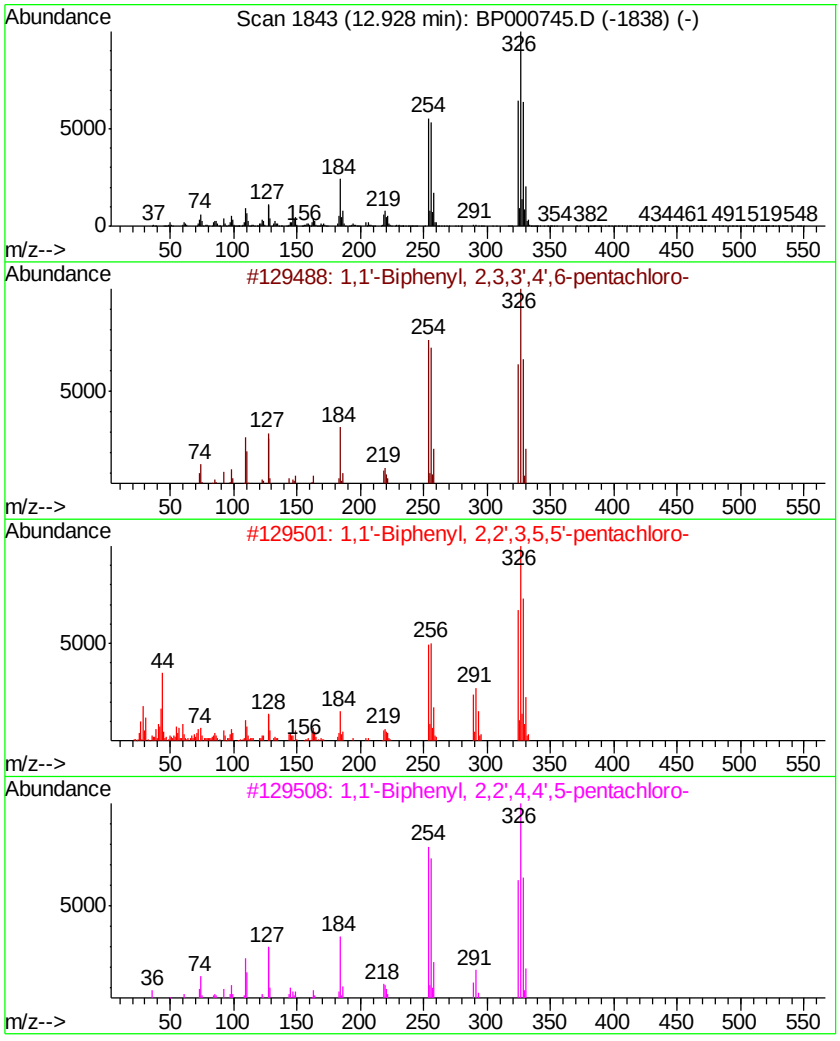
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

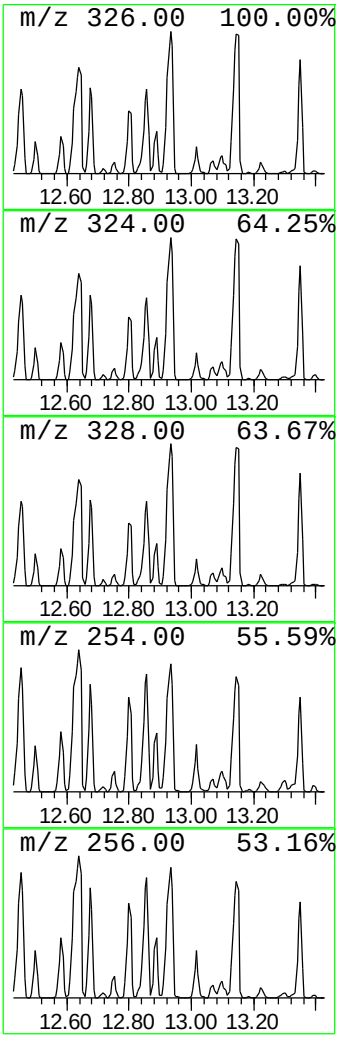
**********

Peak Number 28 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.93 | 114.51 ng/ul | 15299600 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,3,3',4',6-penta... | 324 | C12H5Cl5 | 038380-03-9 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',3,5,5'-penta... | 324 | C12H5Cl5 | 052663-61-3 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',4,4',5-penta... | 324 | C12H5Cl5 | 038380-01-7 | 99 |
| 4 | 1,1'-Biphenyl, 2,3,3',4,4'-penta... | 324 | C12H5Cl5 | 032598-14-4 | 99 |
| 5 | 1,1'-Biphenyl, 2,3,3',4,6-Pentac... | 324 | C12H5Cl5 | 074472-35-8 | 98 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

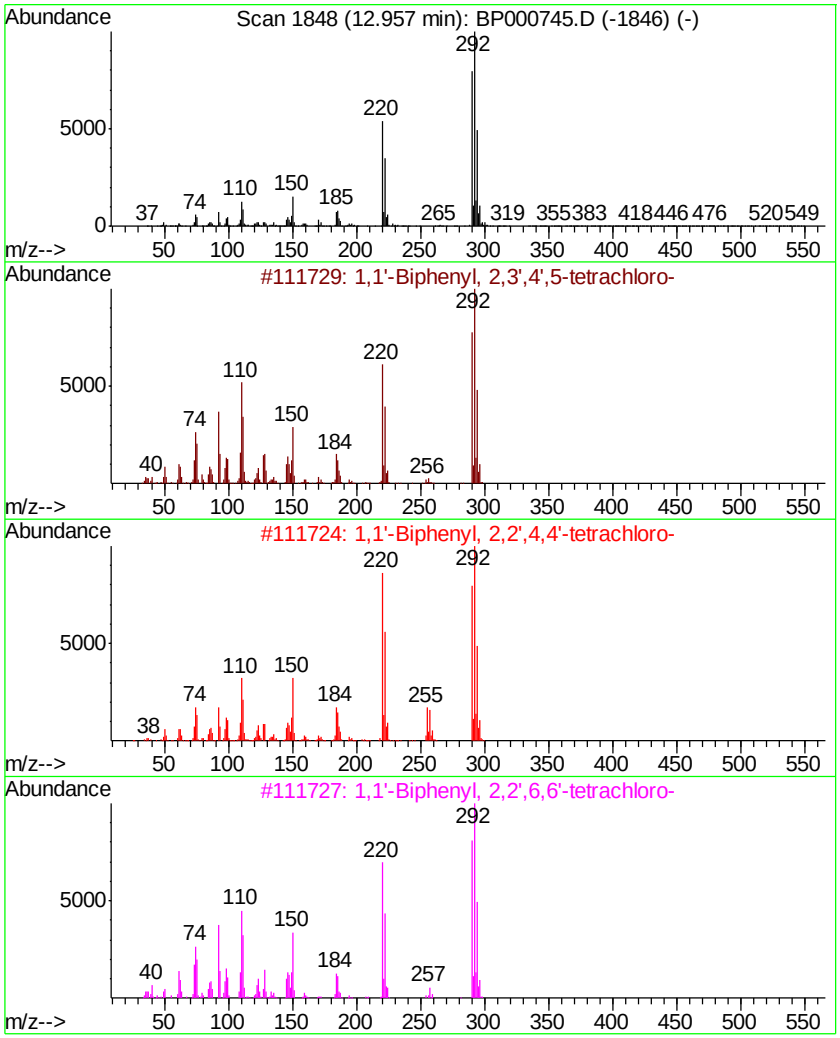
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

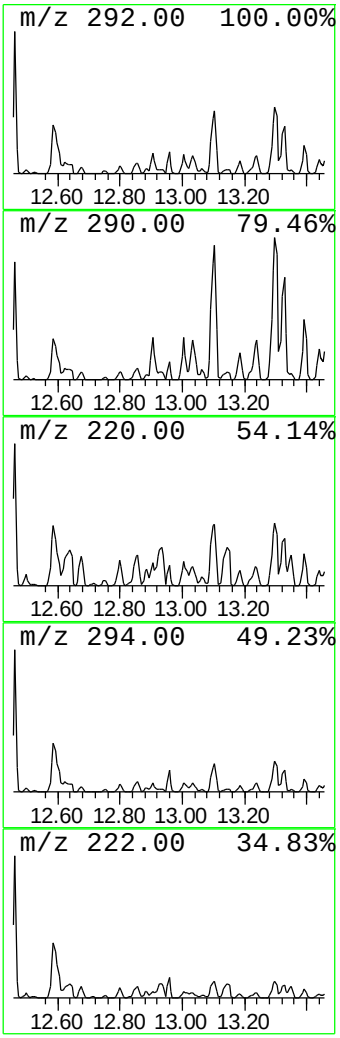
**********

Peak Number 29 1,1'-Biphenyl, 2,3',4',5-te... Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.96 | 3.09 ng/ul | 413465 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,3',4',5-tetrach... | 290 | C12H6Cl4 | 032598-11-1 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',4,4'-tetrach... | 290 | C12H6Cl4 | 002437-79-8 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',6,6'-tetrach... | 290 | C12H6Cl4 | 015968-05-5 | 99 |
| 4 | 1,1'-Biphenyl, 2,3',4',6-tetrach... | 290 | C12H6Cl4 | 041464-46-4 | 99 |
| 5 | 1,1'-Biphenyl, 3,3',4,4'-tetrach... | 290 | C12H6Cl4 | 032598-13-3 | 98 |



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Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

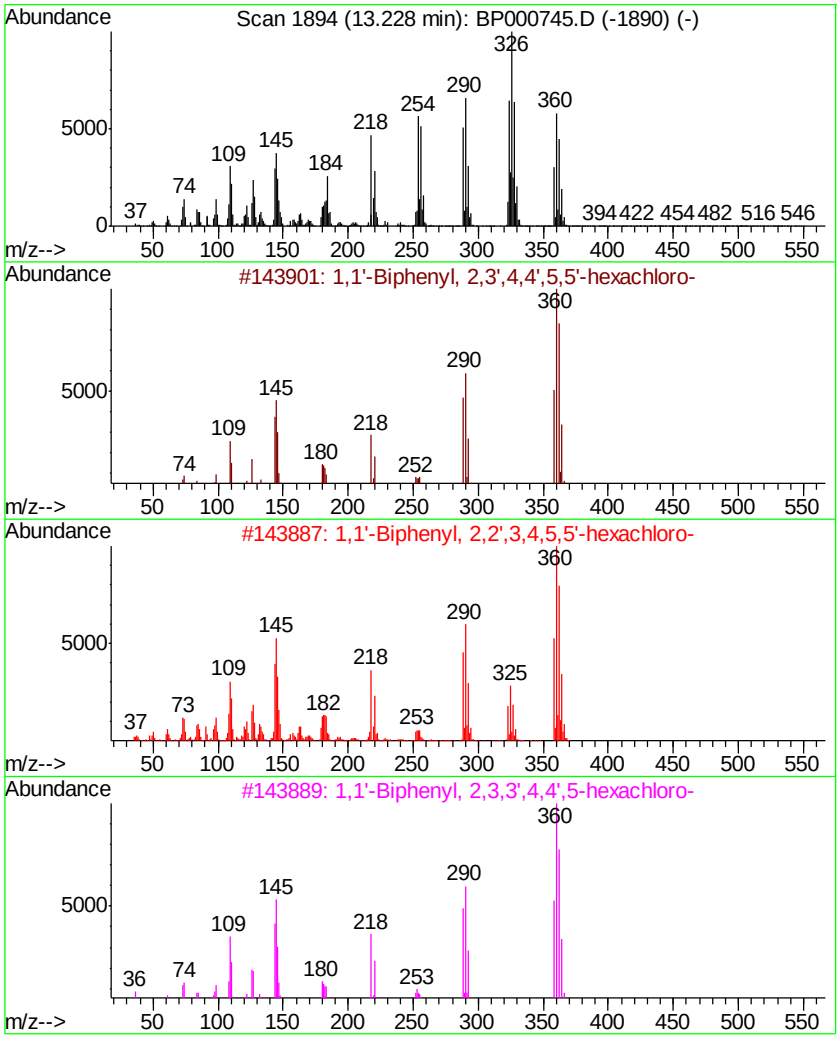
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

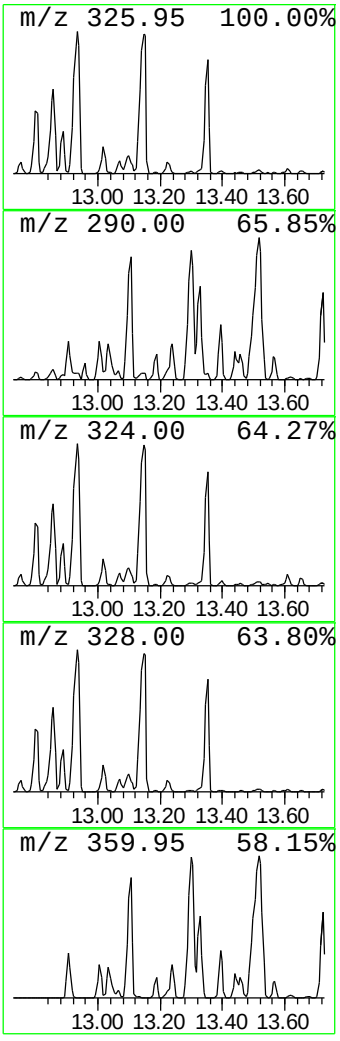
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.23 | 23.34 ng/ul | 3118950 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,3',4,4',5,5'-he... | 358 | C12H4Cl6 | 052663-72-6 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',3,4,5,5'-hex... | 358 | C12H4Cl6 | 052712-04-6 | 99 |
| 3 | 1,1'-Biphenyl, 2,3,3',4,4',5-hex... | 358 | C12H4Cl6 | 038380-08-4 | 99 |
| 4 | 1,1'-Biphenyl, 2,3,3',4,5,6-hexa... | 358 | C12H4Cl6 | 041411-62-5 | 99 |
| 5 | 1,1'-Biphenyl, 3,3',4,4',5,5'-he... | 358 | C12H4Cl6 | 032774-16-6 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

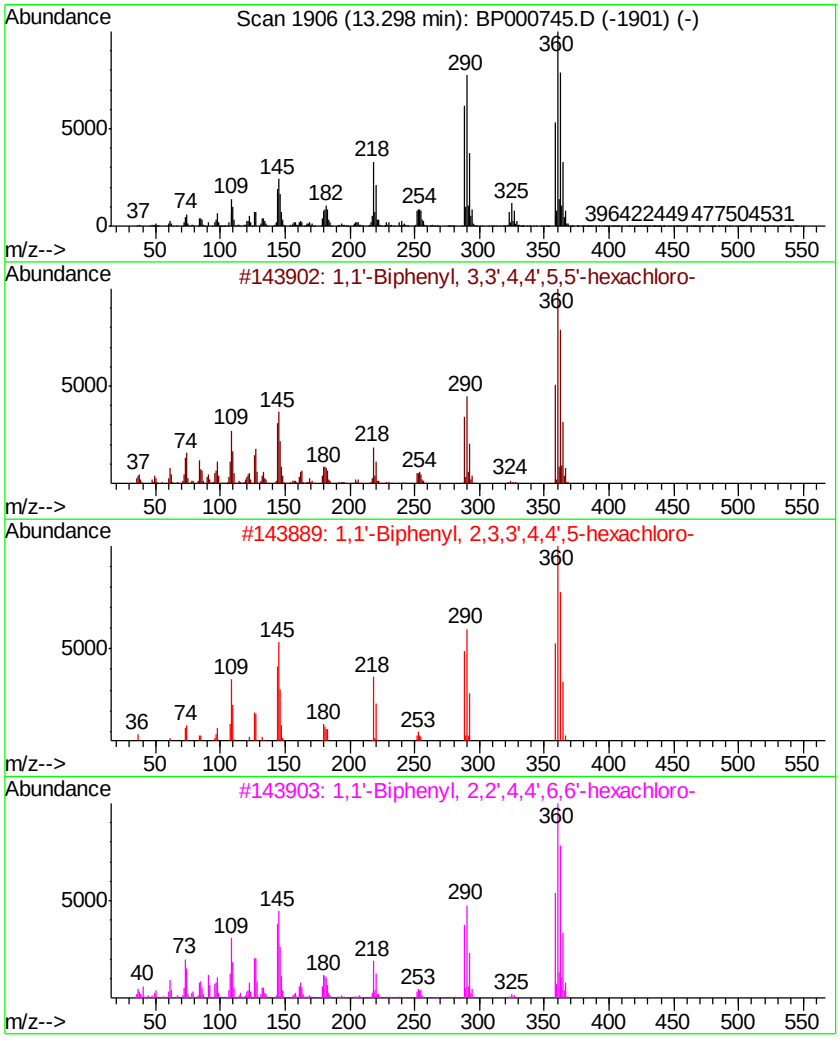
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

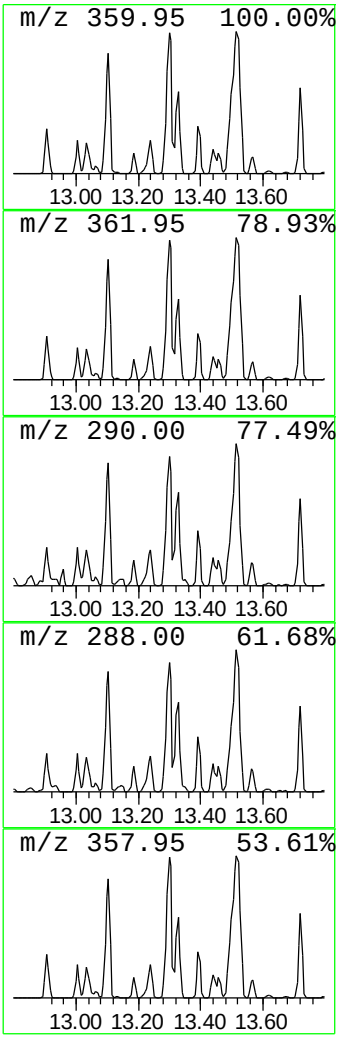
**********

Peak Number 37 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.30 | 69.40 ng/ul | 9272290 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 3,3',4,4',5,5'-he... | 358 | C12H4Cl6 | 032774-16-6 | 99 |
| 2 | 1,1'-Biphenyl, 2,3,3',4,4',5-hex... | 358 | C12H4Cl6 | 038380-08-4 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',4,4',6,6'-he... | 358 | C12H4Cl6 | 033979-03-2 | 98 |
| 4 | 1,1'-Biphenyl, 2,2',3,4',5,5'-he... | 358 | C12H4Cl6 | 051908-16-8 | 96 |
| 5 | 1,1'-Biphenyl, 2,2',3,3',4,4'-he... | 358 | C12H4Cl6 | 038380-07-3 | 96 |



# Library Search Compound Report

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Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

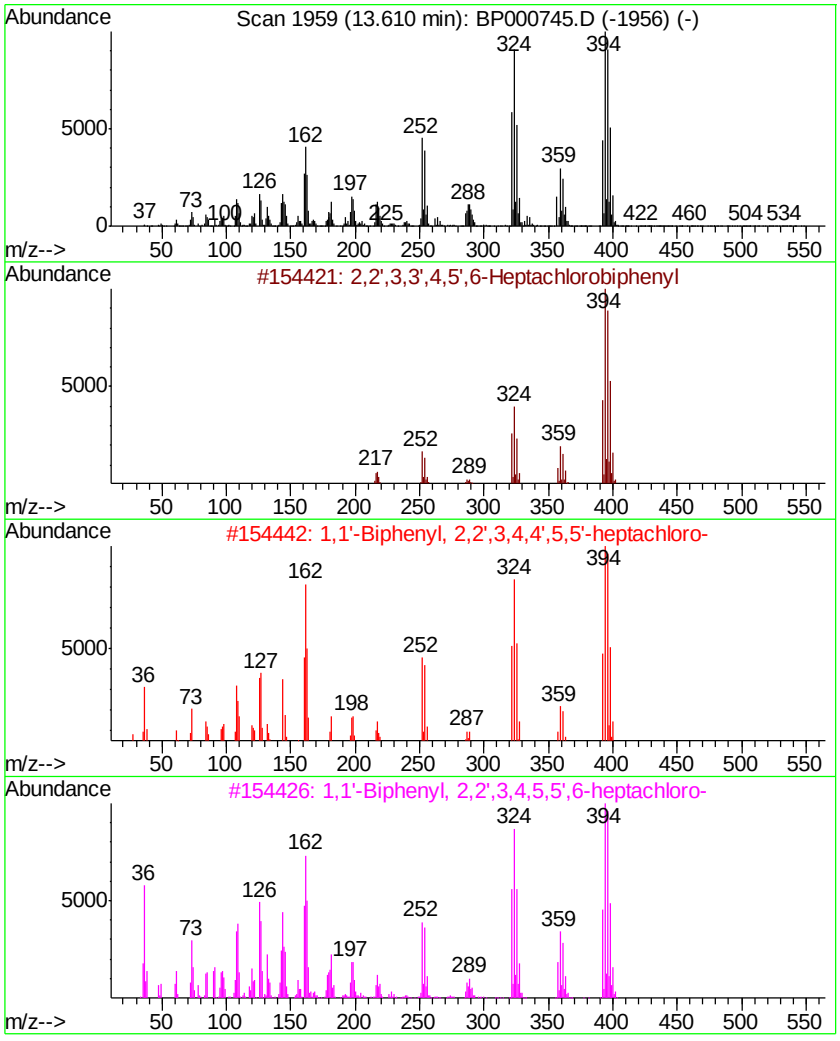
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

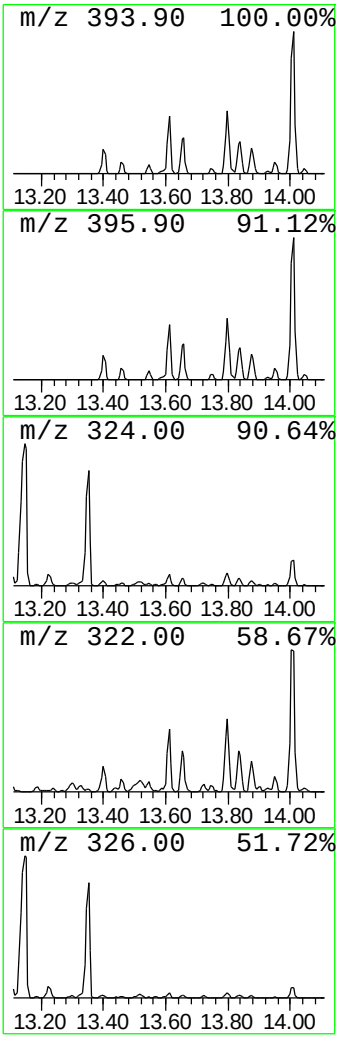
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 2,2',3,3',4,5',6-Heptachlor... Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.61 | 7.27 ng/ul | 970704 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2',3,3',4,5',6-Heptachlorobiph... | 392 | C12H3Cl7 | 040186-70-7 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',3,4,4',5,5'-... | 392 | C12H3Cl7 | 035065-29-3 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',3,4,5,5',6-h... | 392 | C12H3Cl7 | 052712-05-7 | 99 |
| 4 | 1,1'-Biphenyl, 2,3,3',4,5,5',6-h... | 392 | C12H3Cl7 | 074472-51-8 | 99 |
| 5 | 1,1'-Biphenyl, 2,2',3,4,5,6,6'-H... | 392 | C12H3Cl7 | 074472-49-4 | 99 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

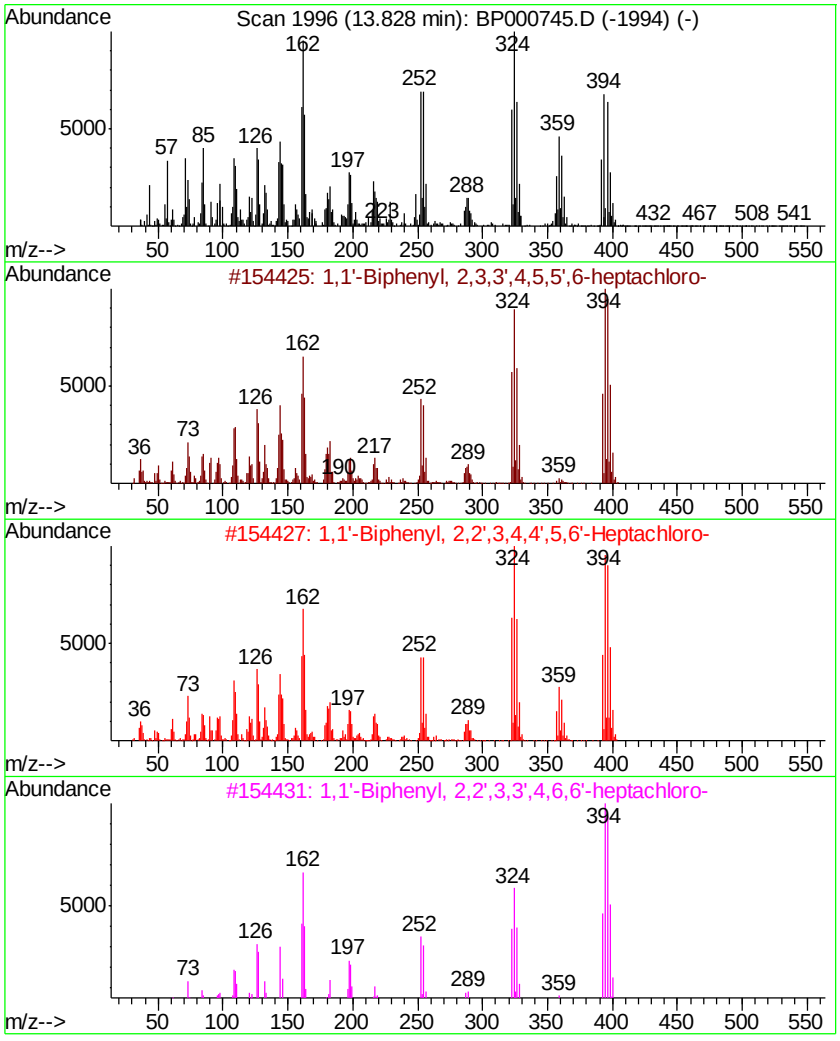
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

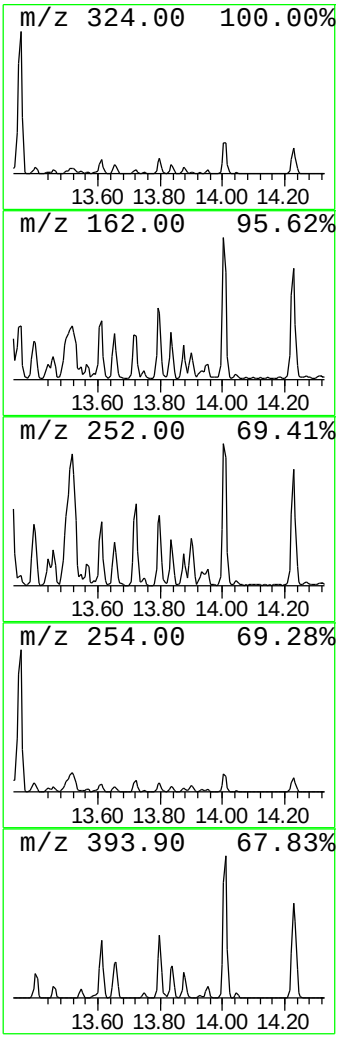
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 1,1'-Biphenyl, 2,3,3',4,5,5... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.83 | 5.25 ng/ul | 700979 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,3,3',4,5,5',6-h... | 392 | C12H3Cl7 | 074472-51-8 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',3,4,4',5,6'-... | 392 | C12H3Cl7 | 060145-23-5 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',3,3',4,6,6'-... | 392 | C12H3Cl7 | 052663-65-7 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',3,4',5,5',6-... | 392 | C12H3Cl7 | 052663-68-0 | 99 |
| 5 | 1,1'-Biphenyl, 2,2',3,4,4',5,5'-... | 392 | C12H3Cl7 | 035065-29-3 | 99 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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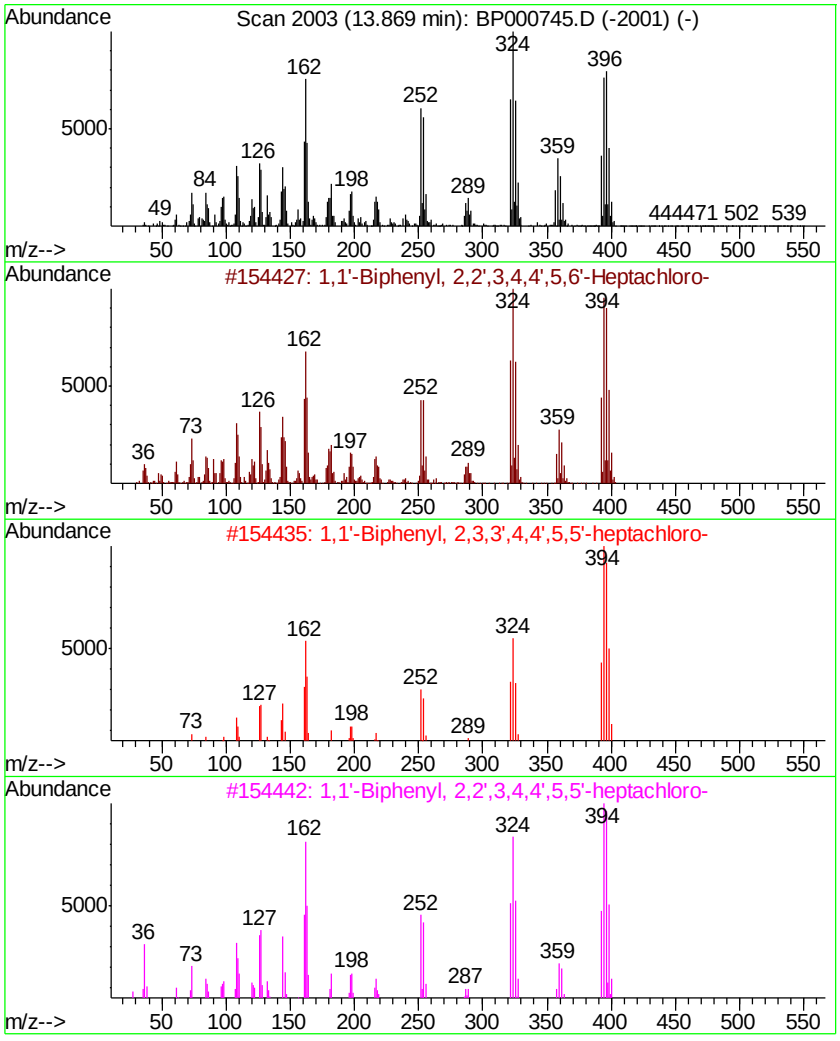
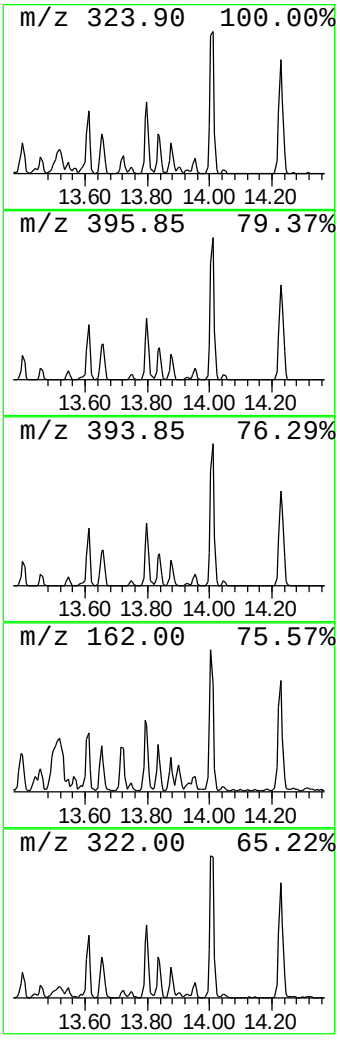
Peak Number 50 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.87 | 3.67 ng/ul | 490106 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',3,4,4',5,6'-... | 392 | C12H3Cl7 | 060145-23-5 | 99 |
| 2 | 1,1'-Biphenyl, 2,3,3',4,4',5,5'-... | 392 | C12H3Cl7 | 039635-31-9 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',3,4,4',5,5'-... | 392 | C12H3Cl7 | 035065-29-3 | 99 |
| 4 | 2,2',3,3',4,5',6-Heptachlorobiph... | 392 | C12H3Cl7 | 040186-70-7 | 99 |
| 5 | 1,1'-Biphenyl, 2,2',3,3',5,5',6-... | 392 | C12H3Cl7 | 052663-67-9 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

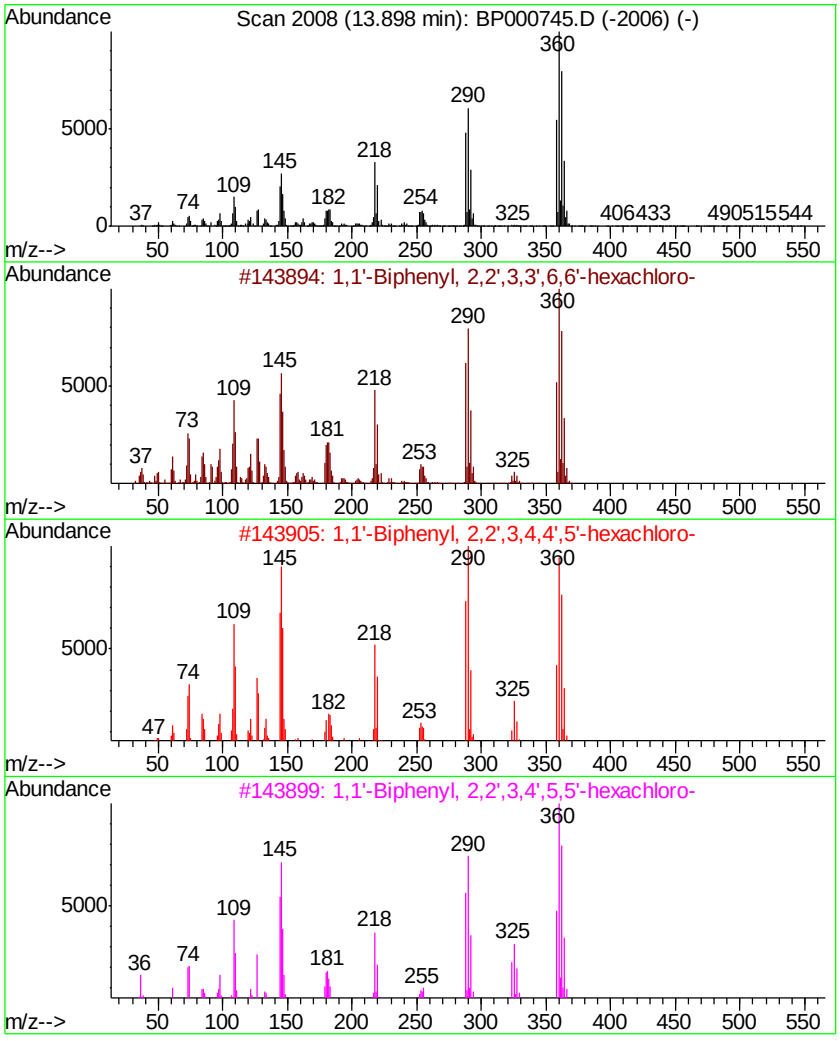
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

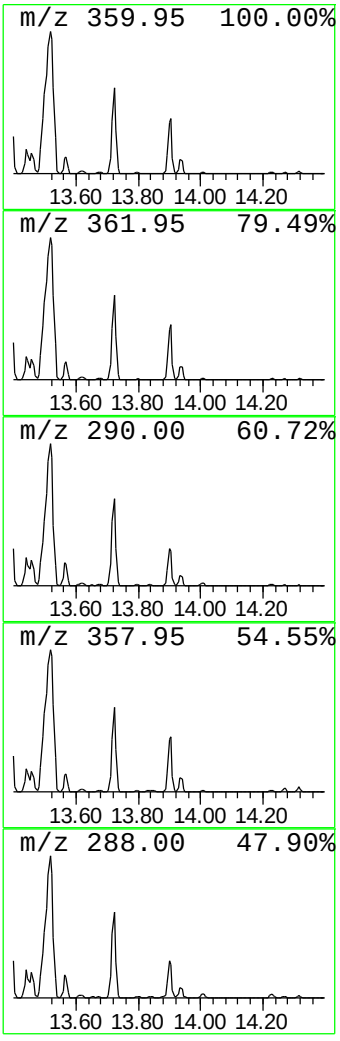
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.90 | 17.75 ng/ul | 2372180 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',3,3',6,6'-he... | 358 | C12H4Cl6 | 038411-22-2 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',3,4,4',5'-he... | 358 | C12H4Cl6 | 035065-28-2 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',3,4',5,5'-he... | 358 | C12H4Cl6 | 051908-16-8 | 99 |
| 4 | 1,1'-Biphenyl, 3,3',4,4',5,5'-he... | 358 | C12H4Cl6 | 032774-16-6 | 99 |
| 5 | 1,1'-Biphenyl, 2,2',3,4,5,6'-Hex... | 358 | C12H4Cl6 | 068194-15-0 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

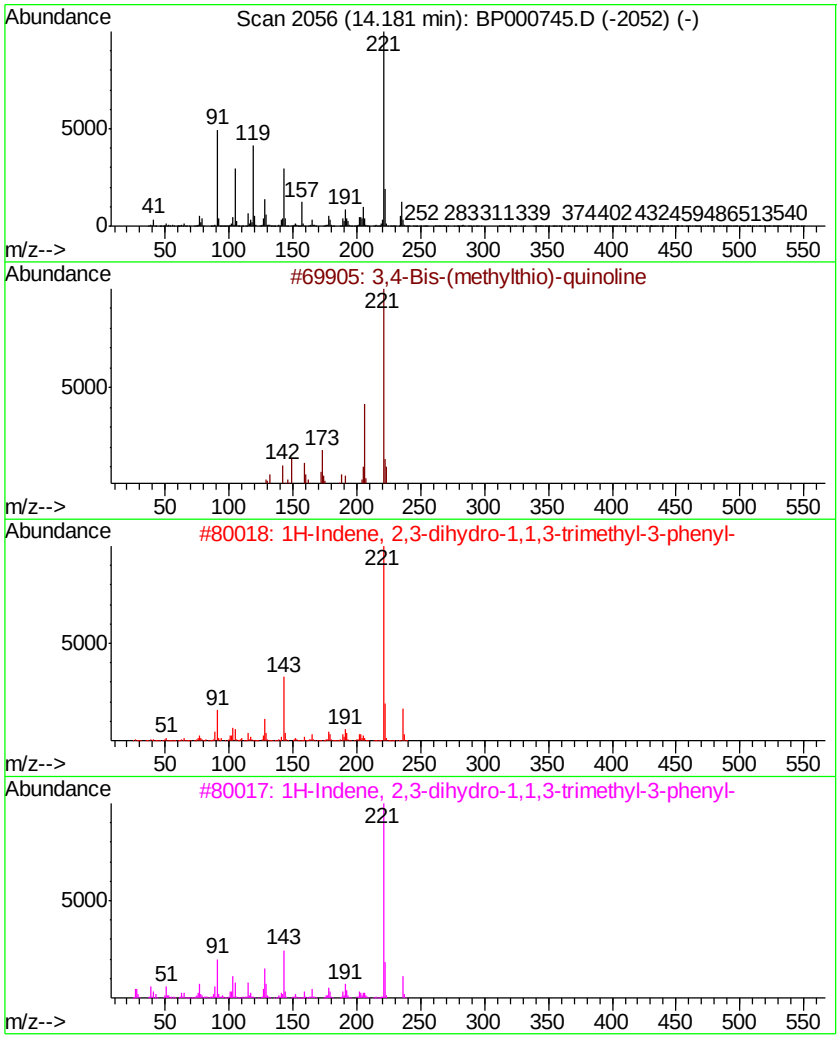
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

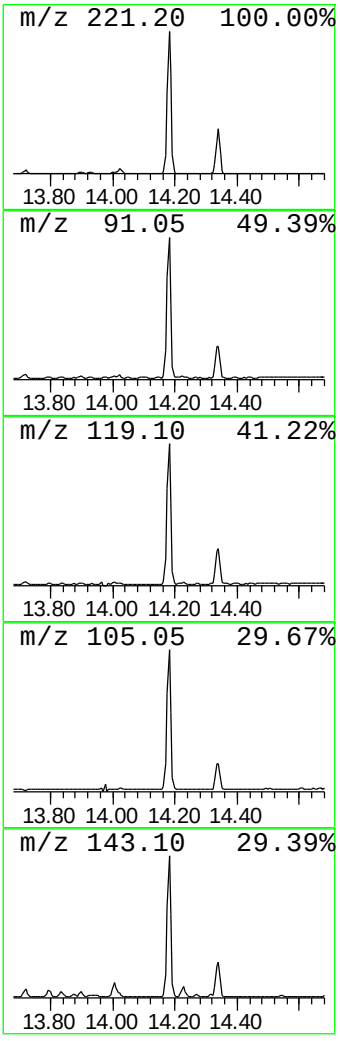
**********

Peak Number 52 3,4-Bis-(methylthio)-quinoline Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.18 | 24.18 ng/ul | 3230610 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Bis-(methylthio)-quinoline | 221 | C11H11NS2 | 074579-34-3 | 50 |
| 2 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 236 | C18H20 | 003910-35-8 | 47 |
| 3 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 236 | C18H20 | 003910-35-8 | 43 |
| 4 | 3-Amino-4,6-dimethylthieno[2,3-b... | 221 | C10H11N3OS | 067795-42-0 | 43 |
| 5 | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 236 | C18H20 | 003910-35-8 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

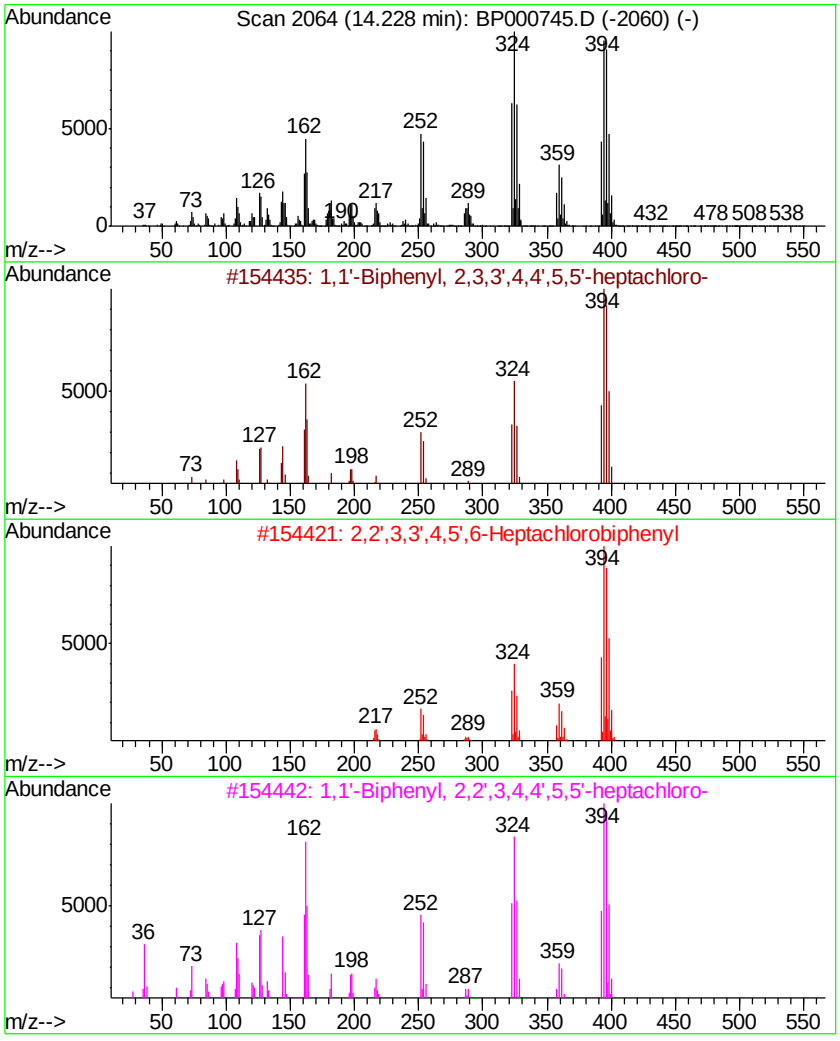
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

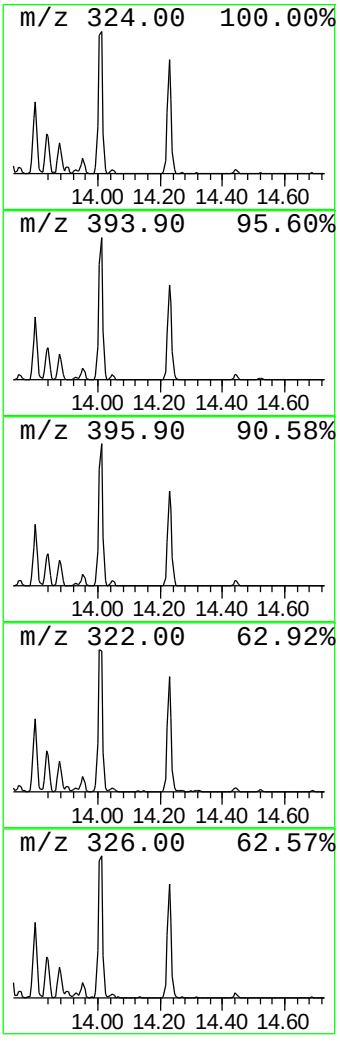
**********

Peak Number 53 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.23 | 12.53 ng/ul | 1674400 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,3,3',4,4',5,5'-... | 392 | C12H3Cl7 | 039635-31-9 | 99 |
| 2 | 2,2',3,3',4,5',6-Heptachlorobiph... | 392 | C12H3Cl7 | 040186-70-7 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',3,4,4',5,5'-... | 392 | C12H3Cl7 | 035065-29-3 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',3,3',5,5',6-... | 392 | C12H3Cl7 | 052663-67-9 | 99 |
| 5 | 1,1'-Biphenyl, 2,2',3,3',4,4',5-... | 392 | C12H3Cl7 | 035065-30-6 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

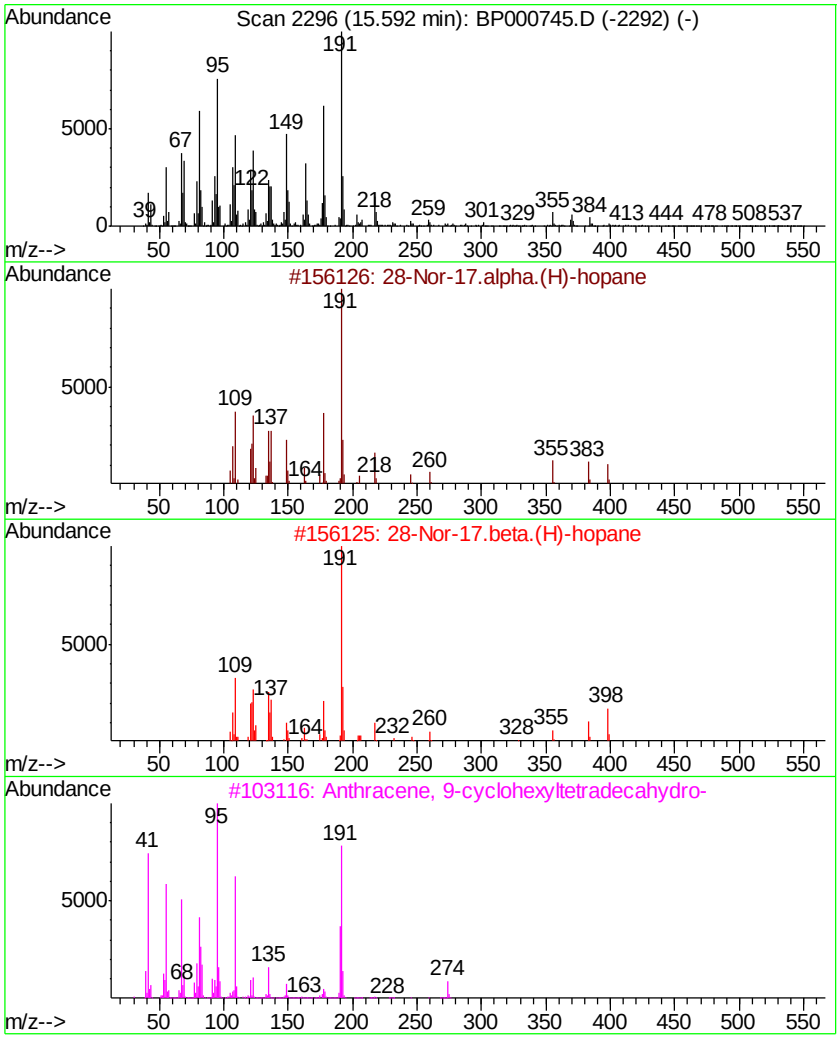
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

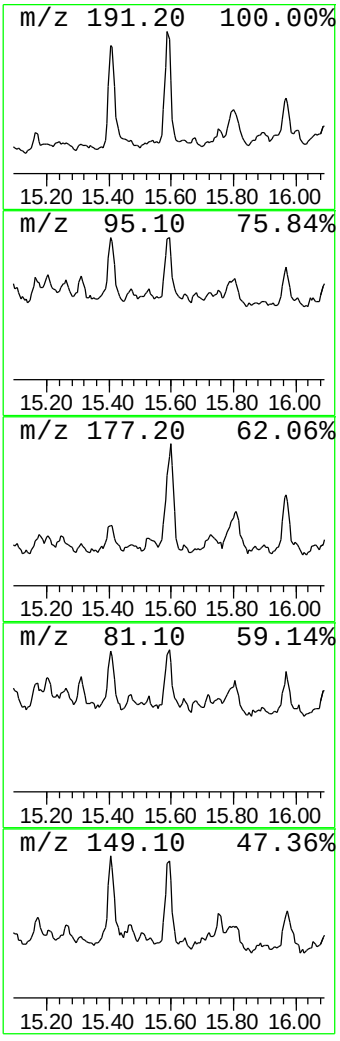
**********

Peak Number 55 28-Nor-17.alpha.(H)-hopane Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.59 | 3.91 ng/ul | 482978 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 28-Nor-17.alpha.(H)-hopane | 398 | C29H50 | 053584-60-4 | 58 |
| 2 | 28-Nor-17.beta.(H)-hopane | 398 | C29H50 | 036728-72-0 | 53 |
| 3 | Anthracene, 9-cyclohexyltetradec... | 274 | C20H34 | 055255-70-4 | 43 |
| 4 | .beta.-iso-Methyl ionone | 206 | C14H22O | 1000285-40-2 | 43 |
| 5 | Anthracene, 9-cyclohexyltetradec... | 274 | C20H34 | 055255-70-4 | 35 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

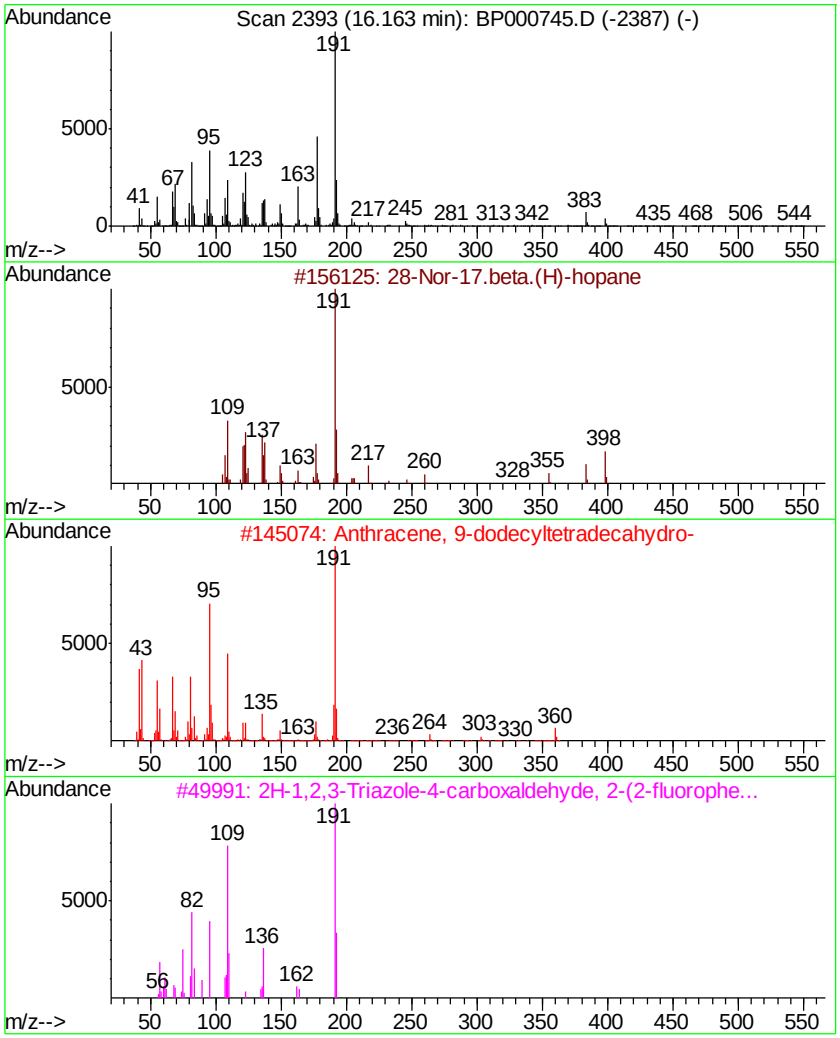
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

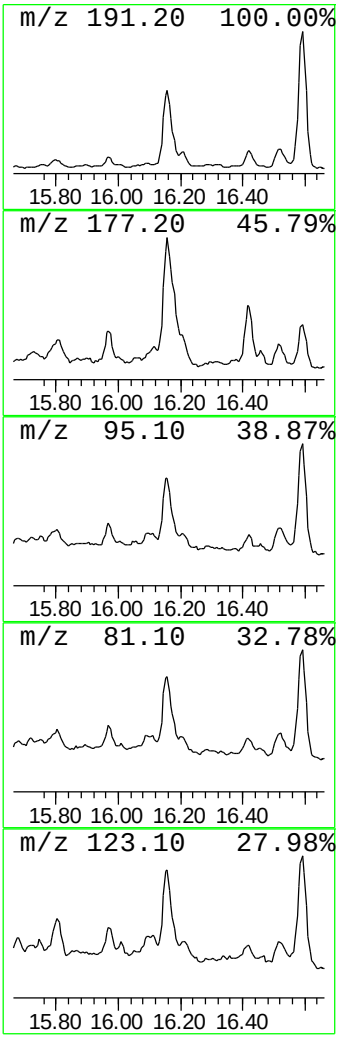
**********

Peak Number 56 28-Nor-17.beta.(H)-hopane Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.16 | 9.65 ng/ul | 1192400 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 28-Nor-17.beta.(H)-hopane | 398 | C29H50 | 036728-72-0 | 52 |
| 2 | Anthracene, 9-dodecyltetradecahy... | 360 | C26H48 | 055401-75-7 | 38 |
| 3 | 2H-1,2,3-Triazole-4-carboxaldehy... | 191 | C9H6FN3O | 051306-43-5 | 38 |
| 4 | .beta.-iso-Methyl ionone | 206 | C14H22O | 1000285-40-2 | 37 |
| 5 | 2,4,5,5,8a-Pentamethyl-6,7,8,8a-... | 206 | C14H22O | 1000195-40-9 | 32 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

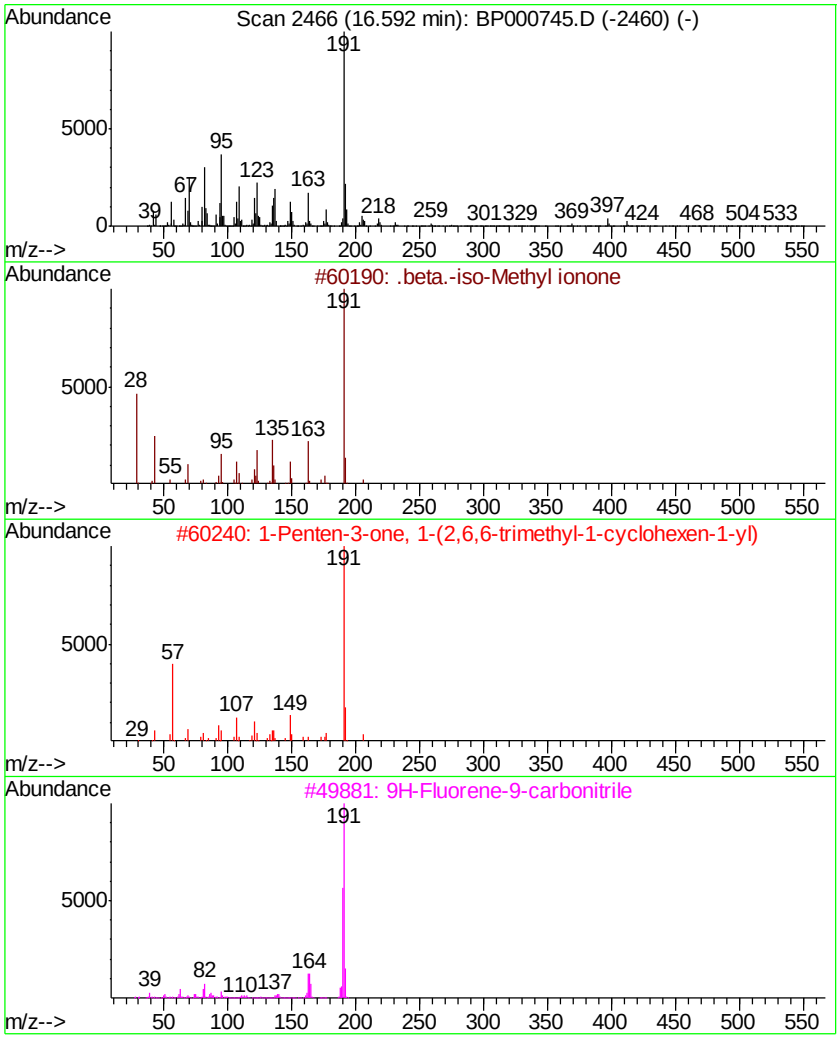
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

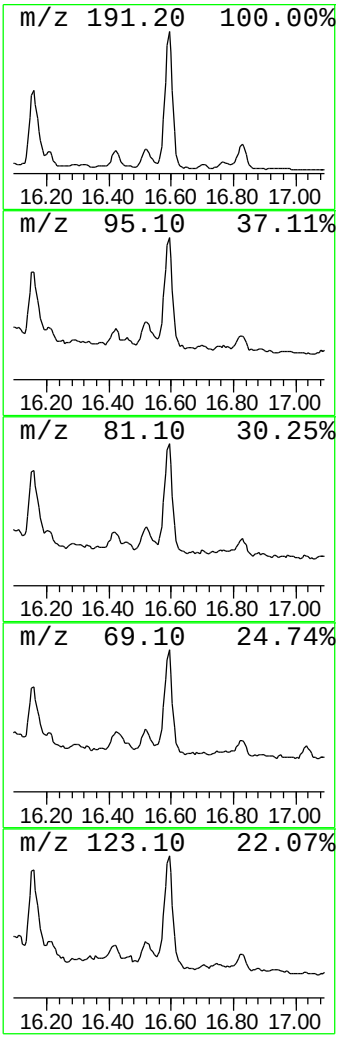
**********

Peak Number 57 .beta.-iso-Methyl ionone Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.59 | 16.20 ng/ul | 2002060 | Perylene-d12 | 15.45 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .beta.-iso-Methyl ionone | 206 | C14H22O | 1000285-40-2 | 70 |
| 2 | 1-Penten-3-one, 1-(2,6,6-trimeth... | 206 | C14H22O | 000127-43-5 | 58 |
| 3 | 9H-Fluorene-9-carbonitrile | 191 | C14H9N | 001529-40-4 | 47 |
| 4 | Anthracene, 9-dodecyltetradecahy... | 360 | C26H48 | 055401-75-7 | 42 |
| 5 | 1-Cyclohexene, 1,3,3-trimethyl-2... | 206 | C14H22O | 1000197-08-4 | 40 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101519\
Data File : BP000745.D
Acq On : 15 Oct 2019 06:09
Operator : JU
Sample : K5343-04
Misc : GCMS CONFIRMATION
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AY4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | Internal Standard | | |
|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| (DEL) Alkane: Str... | 2.18 | 3.5 | ng/ul | 304996 | 1 | 6.75 | 1729350 | 20.0 |
| (DEL) Alkane: Str... | 2.35 | 4.2 | ng/ul | 363694 | 1 | 6.75 | 1729350 | 20.0 |
| 1H-Indene, 2,3-di... | 10.90 | 10.9 | ng/ul | 1627480 | 4 | 11.29 | 2978680 | 20.0 |
| Naphthalene, 2,3,... | 11.05 | 2.1 | ng/ul | 306107 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 11.22 | 2.2 | ng/ul | 331140 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 11.40 | 4.2 | ng/ul | 624312 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 11.65 | 10.2 | ng/ul | 1525450 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 11.71 | 4.0 | ng/ul | 595425 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 11.93 | 63.7 | ng/ul | 9481680 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 11.96 | 18.6 | ng/ul | 2770020 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 12.09 | 34.8 | ng/ul | 5175140 | 4 | 11.29 | 2978680 | 20.0 |
| Naphthalene, 1,2,... | 12.24 | 4.4 | ng/ul | 655789 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 12.26 | 2.1 | ng/ul | 319859 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 12.40 | 18.1 | ng/ul | 2702770 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 12.45 | 123.2 | ng/ul | 18352800 | 4 | 11.29 | 2978680 | 20.0 |
| 1,1'-Biphenyl, 2,... | 12.64 | 126.8 | ng/ul | 16941100 | 5 | 13.97 | 2672140 | 20.0 |
| 1,1'-Biphenyl, 2,... | 12.67 | 50.8 | ng/ul | 6791780 | 5 | 13.97 | 2672140 | 20.0 |
| 1,1'-Biphenyl, 2,... | 12.72 | 2.5 | ng/ul | 327821 | 5 | 13.97 | 2672140 | 20.0 |
| 1,1'-Biphenyl, 2,... | 12.93 | 114.5 | ng/ul | 15299600 | 5 | 13.97 | 2672140 | 20.0 |
| 1,1'-Biphenyl, 2,... | 12.96 | 3.1 | ng/ul | 413465 | 5 | 13.97 | 2672140 | 20.0 |
| 1,1'-Biphenyl, 2,... | 13.23 | 23.3 | ng/ul | 3118950 | 5 | 13.97 | 2672140 | 20.0 |
| 1,1'-Biphenyl, 3,... | 13.30 | 69.4 | ng/ul | 9272290 | 5 | 13.97 | 2672140 | 20.0 |
| 2,2',3,3',4,5',6-... | 13.61 | 7.3 | ng/ul | 970704 | 5 | 13.97 | 2672140 | 20.0 |
| 1,1'-Biphenyl, 2,... | 13.83 | 5.3 | ng/ul | 700979 | 5 | 13.97 | 2672140 | 20.0 |
| 1,1'-Biphenyl, 2,... | 13.87 | 3.7 | ng/ul | 490106 | 5 | 13.97 | 2672140 | 20.0 |
| 1,1'-Biphenyl, 2,... | 13.90 | 17.8 | ng/ul | 2372180 | 5 | 13.97 | 2672140 | 20.0 |
| 3,4-Bis-(methylth... | 14.18 | 24.2 | ng/ul | 3230610 | 5 | 13.97 | 2672140 | 20.0 |
| 1,1'-Biphenyl, 2,... | 14.23 | 12.5 | ng/ul | 1674400 | 5 | 13.97 | 2672140 | 20.0 |
| 28-Nor-17.alpha.(... | 15.59 | 3.9 | ng/ul | 482978 | 6 | 15.45 | 2472180 | 20.0 |
| 28-Nor-17.beta.(H... | 16.16 | 9.7 | ng/ul | 1192400 | 6 | 15.45 | 2472180 | 20.0 |
| .beta.-iso-Methyl... | 16.59 | 16.2 | ng/ul | 2002060 | 6 | 15.45 | 2472180 | 20.0 |