LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.134 | 3 | 8 | 25 | rVB | 1326800 | 1927355 | 27.23% | 1.876% |
| 2 | 2.281 | 30 | 33 | 41 | rVB3 | 50713 | 78200 | 1.10% | 0.076% |
| 3 | 3.381 | 217 | 220 | 234 | rBV | 26742 | 73753 | 1.04% | 0.072% |
| 4 | 3.928 | 303 | 313 | 318 | rBV | 417950 | 562442 | 7.95% | 0.548% |
| 5 | 5.081 | 506 | 509 | 517 | rVB | 74780 | 98707 | 1.39% | 0.096% |
| 6 | 5.463 | 568 | 574 | 575 | rBV | 152447 | 173626 | 2.45% | 0.169% |
| 7 | 5.493 | 575 | 579 | 582 | rVB | 6373668 | 6242946 | 88.20% | 6.078% |
| 8 | 6.504 | 745 | 751 | 754 | rBV | 6482118 | 6952528 | 98.22% | 6.768% |
| 9 | 6.634 | 768 | 773 | 776 | rBV | 6665454 | 6687057 | 94.47% | 6.510% |
| 10 | 6.851 | 807 | 810 | 814 | rBV | 2007934 | 1689726 | 23.87% | 1.645% |
| 11 | 7.010 | 833 | 837 | 840 | rBV | 5667312 | 4911949 | 69.39% | 4.782% |
| 12 | 7.416 | 901 | 906 | 909 | rBV | 4614051 | 4428968 | 62.57% | 4.312% |
| 13 | 8.134 | 1024 | 1028 | 1032 | rBV | 2497924 | 2065735 | 29.18% | 2.011% |
| 14 | 9.210 | 1206 | 1211 | 1214 | rBV | 6744445 | 6270646 | 88.59% | 6.105% |
| 15 | 9.310 | 1221 | 1228 | 1232 | rVV6 | 72239 | 132551 | 1.87% | 0.129% |
| 16 | 9.351 | 1232 | 1235 | 1242 | rVB | 80751 | 90456 | 1.28% | 0.088% |
| 17 | 9.598 | 1273 | 1277 | 1287 | rVB | 1450049 | 1283564 | 18.13% | 1.250% |
| 18 | 9.886 | 1322 | 1326 | 1330 | rBV2 | 2601590 | 2216976 | 31.32% | 2.158% |
| 19 | 10.051 | 1351 | 1354 | 1358 | rBV | 129561 | 121252 | 1.71% | 0.118% |
| 20 | 10.675 | 1456 | 1460 | 1464 | rBV | 3845015 | 3898082 | 55.07% | 3.795% |
| 21 | 10.916 | 1497 | 1501 | 1504 | rVB | 199581 | 180852 | 2.55% | 0.176% |
| 22 | 11.033 | 1517 | 1521 | 1525 | rBV2 | 211414 | 231778 | 3.27% | 0.226% |
| 23 | 11.075 | 1525 | 1528 | 1532 | rVB4 | 83508 | 90947 | 1.28% | 0.089% |
| 24 | 11.322 | 1567 | 1570 | 1572 | rBV2 | 63655 | 76056 | 1.07% | 0.074% |
| 25 | 11.375 | 1575 | 1579 | 1582 | rVV | 2164380 | 2108071 | 29.78% | 2.052% |
| 26 | 11.422 | 1582 | 1587 | 1591 | rVB4 | 209782 | 296076 | 4.18% | 0.288% |
| 27 | 11.475 | 1593 | 1596 | 1599 | rBV5 | 95940 | 120915 | 1.71% | 0.118% |
| 28 | 11.527 | 1602 | 1605 | 1609 | rVB3 | 72632 | 76445 | 1.08% | 0.074% |
| 29 | 11.592 | 1613 | 1616 | 1619 | rVB2 | 115594 | 123881 | 1.75% | 0.121% |
| 30 | 11.822 | 1652 | 1655 | 1659 | rBV2 | 113830 | 147675 | 2.09% | 0.144% |
| 31 | 11.898 | 1664 | 1668 | 1675 | rVV | 1528210 | 1590140 | 22.46% | 1.548% |
| 32 | 11.986 | 1680 | 1683 | 1685 | rVV | 153043 | 149650 | 2.11% | 0.146% |
| 33 | 12.016 | 1686 | 1688 | 1691 | rVV2 | 96666 | 98377 | 1.39% | 0.096% |
| 34 | 12.069 | 1695 | 1697 | 1702 | rVB2 | 85323 | 102601 | 1.45% | 0.100% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.227 | 1721 | 1724 | 1727 | rBV2 | 137067 | 131046 | 1.85% | 0.128% |
| 36 | 12.410 | 1752 | 1755 | 1759 | rBV3 | 106852 | 127259 | 1.80% | 0.124% |
| 37 | 12.457 | 1760 | 1763 | 1765 | rVV | 260621 | 233049 | 3.29% | 0.227% |
| 38 | 12.498 | 1765 | 1770 | 1774 | rVB2 | 443218 | 534929 | 7.56% | 0.521% |
| 39 | 12.633 | 1790 | 1793 | 1798 | rVB | 381100 | 325275 | 4.60% | 0.317% |
| 40 | 12.680 | 1798 | 1801 | 1805 | rBV | 612416 | 571412 | 8.07% | 0.556% |
| 41 | 12.957 | 1843 | 1848 | 1853 | rVB | 4545651 | 4580027 | 64.70% | 4.459% |
| 42 | 13.045 | 1860 | 1863 | 1866 | rVB | 282207 | 245351 | 3.47% | 0.239% |
| 43 | 13.074 | 1866 | 1868 | 1873 | rVB5 | 117678 | 171471 | 2.42% | 0.167% |
| 44 | 13.139 | 1876 | 1879 | 1881 | rBV | 787901 | 739670 | 10.45% | 0.720% |
| 45 | 13.180 | 1884 | 1886 | 1890 | rVB | 673705 | 588699 | 8.32% | 0.573% |
| 46 | 13.274 | 1900 | 1902 | 1904 | rBV | 93080 | 100104 | 1.41% | 0.097% |
| 47 | 13.327 | 1908 | 1911 | 1914 | rBV | 831405 | 723319 | 10.22% | 0.704% |
| 48 | 13.363 | 1914 | 1917 | 1921 | rBV3 | 218040 | 256638 | 3.63% | 0.250% |
| 49 | 13.398 | 1921 | 1923 | 1925 | rBV | 155708 | 148836 | 2.10% | 0.145% |
| 50 | 13.433 | 1926 | 1929 | 1931 | rBV2 | 443058 | 478411 | 6.76% | 0.466% |
| 51 | 13.527 | 1943 | 1945 | 1946 | rBV | 180563 | 141998 | 2.01% | 0.138% |
| 52 | 13.645 | 1962 | 1965 | 1968 | rBV2 | 574668 | 623213 | 8.80% | 0.607% |
| 53 | 13.692 | 1971 | 1973 | 1981 | rVB5 | 476873 | 693327 | 9.79% | 0.675% |
| 54 | 13.845 | 1994 | 1999 | 2006 | rBV2 | 4185179 | 5834756 | 82.43% | 5.680% |
| 55 | 13.898 | 2006 | 2008 | 2013 | rVB2 | 185796 | 260029 | 3.67% | 0.253% |
| 56 | 13.968 | 2018 | 2020 | 2024 | rBV3 | 182394 | 266576 | 3.77% | 0.260% |
| 57 | 14.010 | 2024 | 2027 | 2030 | rBV | 1777052 | 1572049 | 22.21% | 1.530% |
| 58 | 14.039 | 2030 | 2032 | 2035 | rVB | 700355 | 553137 | 7.81% | 0.538% |
| 59 | 14.068 | 2035 | 2037 | 2041 | rVB | 256800 | 250527 | 3.54% | 0.244% |
| 60 | 14.110 | 2042 | 2044 | 2047 | rVB | 187440 | 149494 | 2.11% | 0.146% |
| 61 | 14.168 | 2051 | 2054 | 2055 | rBV | 474508 | 432926 | 6.12% | 0.421% |
| 62 | 14.257 | 2066 | 2069 | 2072 | rBV2 | 341170 | 340668 | 4.81% | 0.332% |
| 63 | 14.292 | 2072 | 2075 | 2079 | rVV2 | 523379 | 589991 | 8.33% | 0.574% |
| 64 | 14.345 | 2082 | 2084 | 2086 | rVB | 137708 | 89039 | 1.26% | 0.087% |
| 65 | 14.480 | 2103 | 2107 | 2113 | rBV | 5254274 | 7078538 | 100.00% | 6.891% |
| 66 | 14.598 | 2125 | 2127 | 2129 | rBV | 174025 | 142542 | 2.01% | 0.139% |
| 67 | 14.692 | 2140 | 2143 | 2145 | rBV | 220127 | 252204 | 3.56% | 0.246% |
| 68 | 14.763 | 2152 | 2155 | 2156 | rBV2 | 209749 | 223606 | 3.16% | 0.218% |
| 69 | 14.804 | 2159 | 2162 | 2166 | rVB | 436315 | 532425 | 7.52% | 0.518% |
| 70 | 14.851 | 2167 | 2170 | 2179 | rBV | 863181 | 1064870 | 15.04% | 1.037% |
| 71 | 14.921 | 2179 | 2182 | 2185 | rVB | 719767 | 691715 | 9.77% | 0.673% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 15.115 | 2211 | 2215 | 2217 | rBV | 1505388 | 1899489 | 26.83% | 1.849% |
| 73 | 15.139 | 2217 | 2219 | 2225 | rVV | 1562790 | 2146201 | 30.32% | 2.089% |
| 74 | 15.192 | 2226 | 2228 | 2237 | rVV | 424576 | 551012 | 7.78% | 0.536% |
| 75 | 15.280 | 2241 | 2243 | 2251 | rVB | 248768 | 285106 | 4.03% | 0.278% |
| 76 | 15.480 | 2273 | 2277 | 2282 | rBV2 | 1281125 | 1790176 | 25.29% | 1.743% |
| 77 | 15.692 | 2309 | 2313 | 2318 | rBV | 871287 | 1183547 | 16.72% | 1.152% |
| 78 | 15.927 | 2349 | 2353 | 2357 | rVB | 947949 | 1252814 | 17.70% | 1.220% |
| 79 | 15.980 | 2357 | 2362 | 2368 | rVV | 722689 | 1228318 | 17.35% | 1.196% |
| 80 | 16.045 | 2370 | 2373 | 2378 | rVB | 490727 | 726941 | 10.27% | 0.708% |
| 81 | 16.168 | 2390 | 2394 | 2397 | rBV3 | 241391 | 386933 | 5.47% | 0.377% |
| 82 | 16.715 | 2482 | 2487 | 2495 | rVB | 663917 | 1239819 | 17.52% | 1.207% |
| 83 | 17.204 | 2565 | 2570 | 2575 | rVV | 411095 | 777591 | 10.99% | 0.757% |
| 84 | 17.262 | 2577 | 2580 | 2588 | rVB4 | 375981 | 733146 | 10.36% | 0.714% |
| 85 | 17.609 | 2633 | 2639 | 2648 | rVB4 | 613615 | 1480112 | 20.91% | 1.441% |

Sum of corrected areas: 102720314

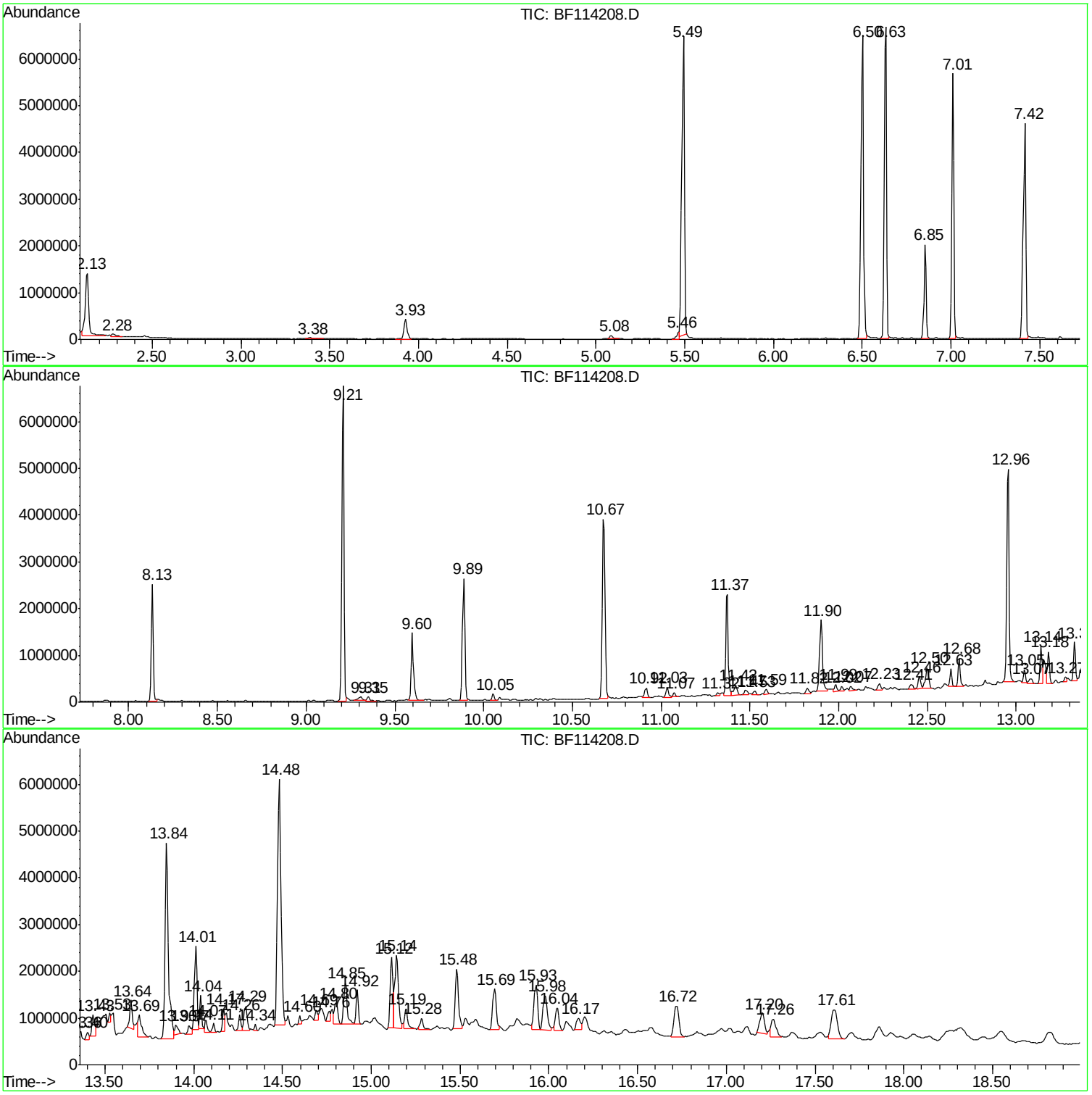
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

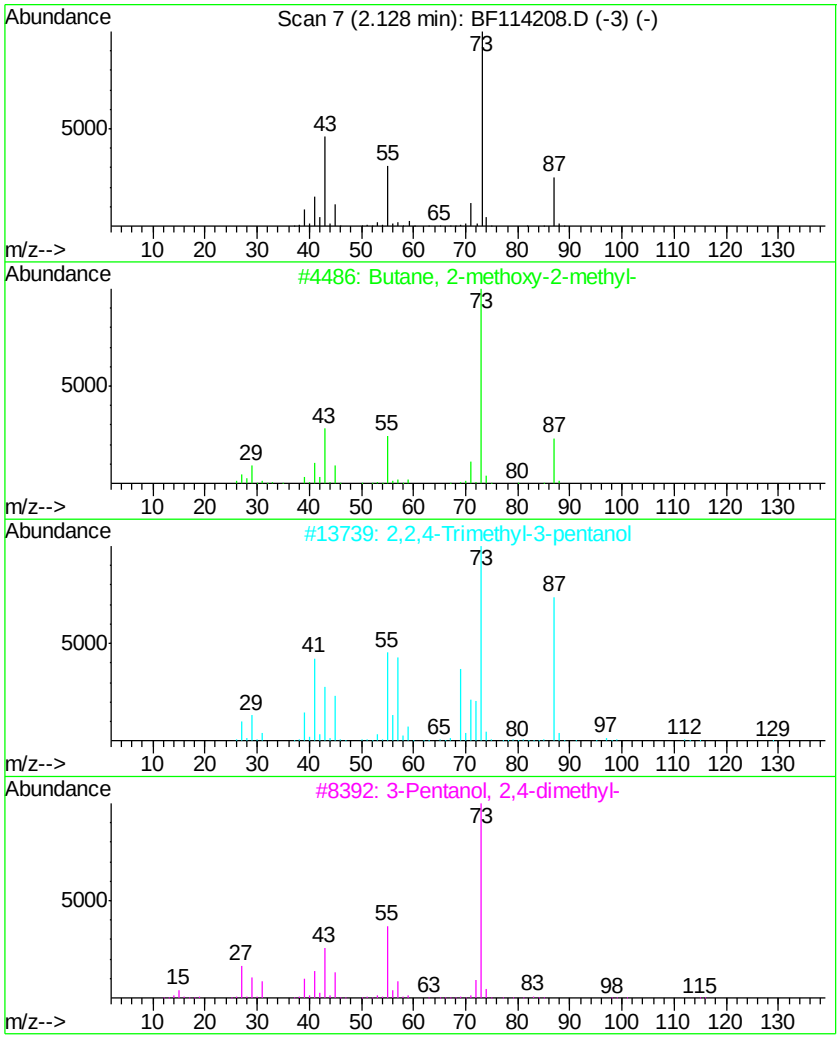
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

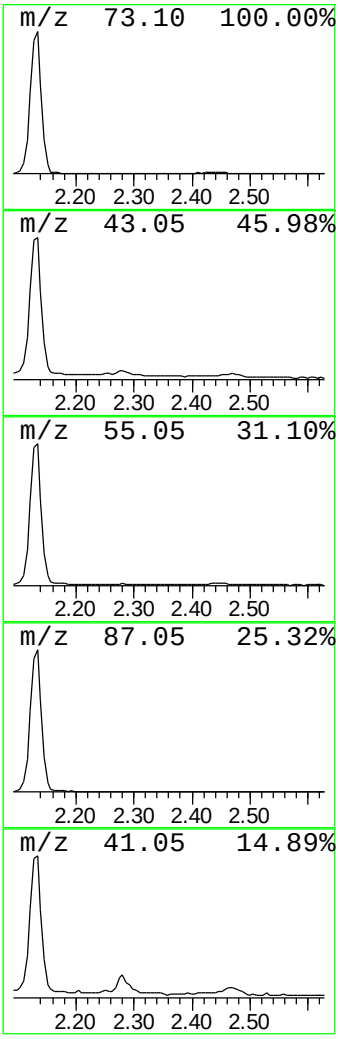
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.13 | 22.81 ng | 1927360 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 37 |
| 4 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 35 |
| 5 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

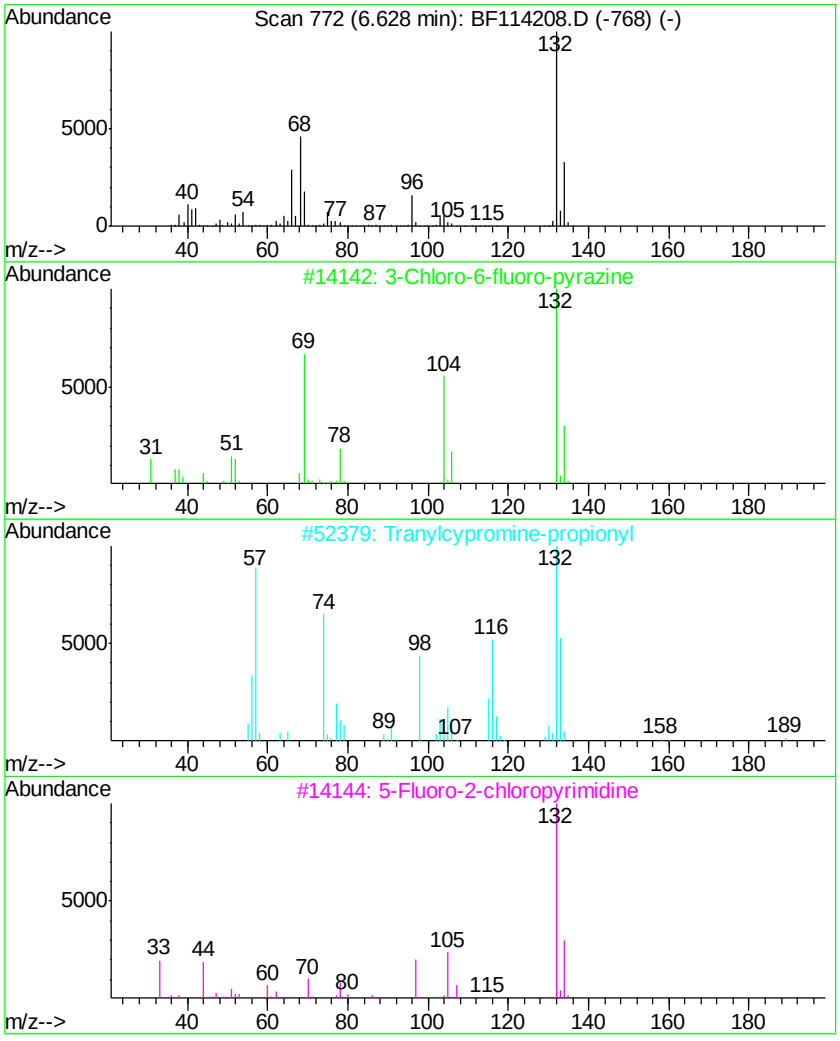
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

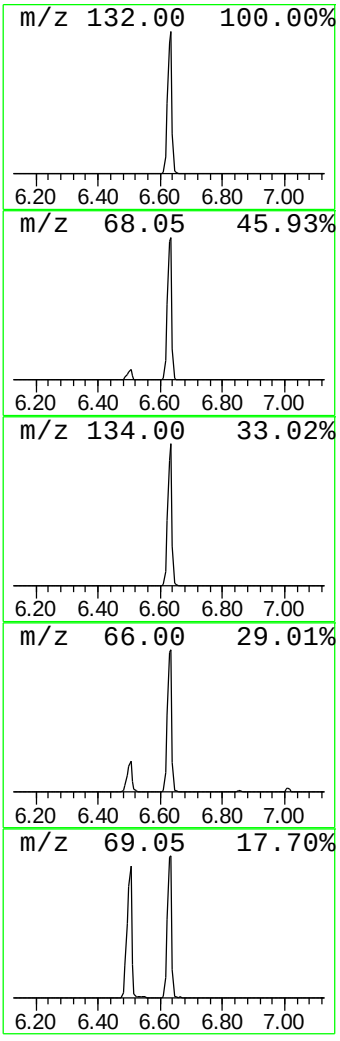
**********

Peak Number 2 unknown6.63 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.63 | 79.15 ng | 6687060 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |
| 3 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 9 |
| 4 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 5 | Benzene, 1-ethenyl-3,5-dimethyl- | 132 | C10H12 | 005379-20-4 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

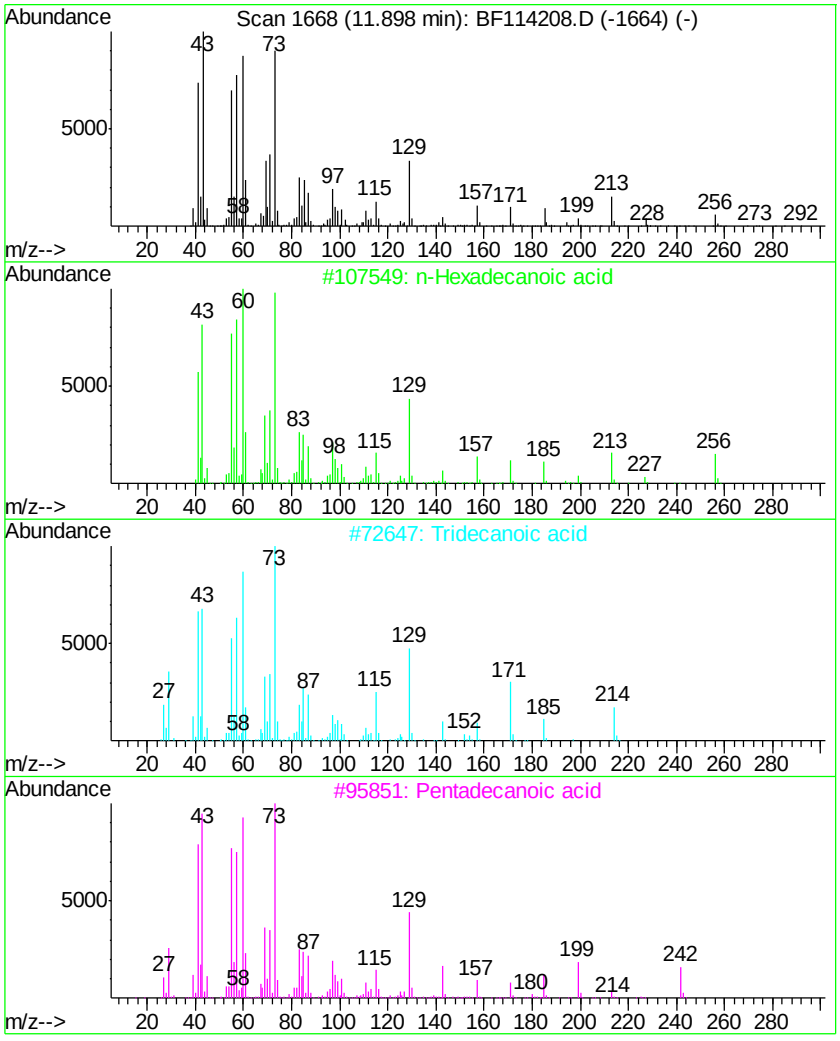
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

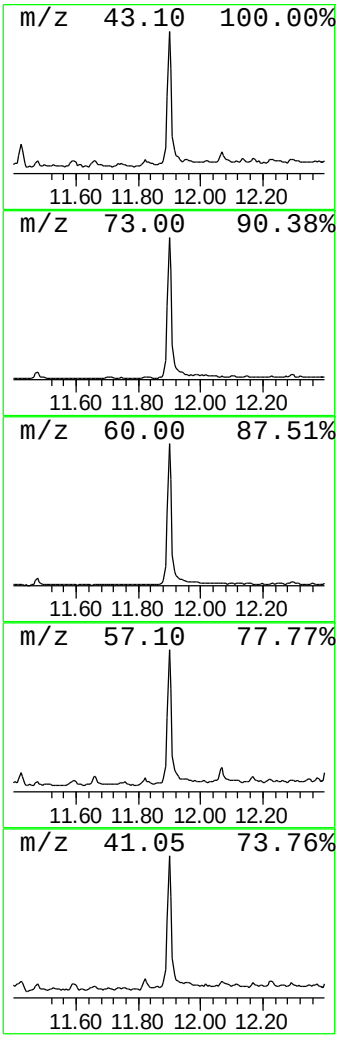
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.90 | 15.09 ng | 1590140 | Phenanthrene-d10 | 11.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 94 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 74 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 62 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

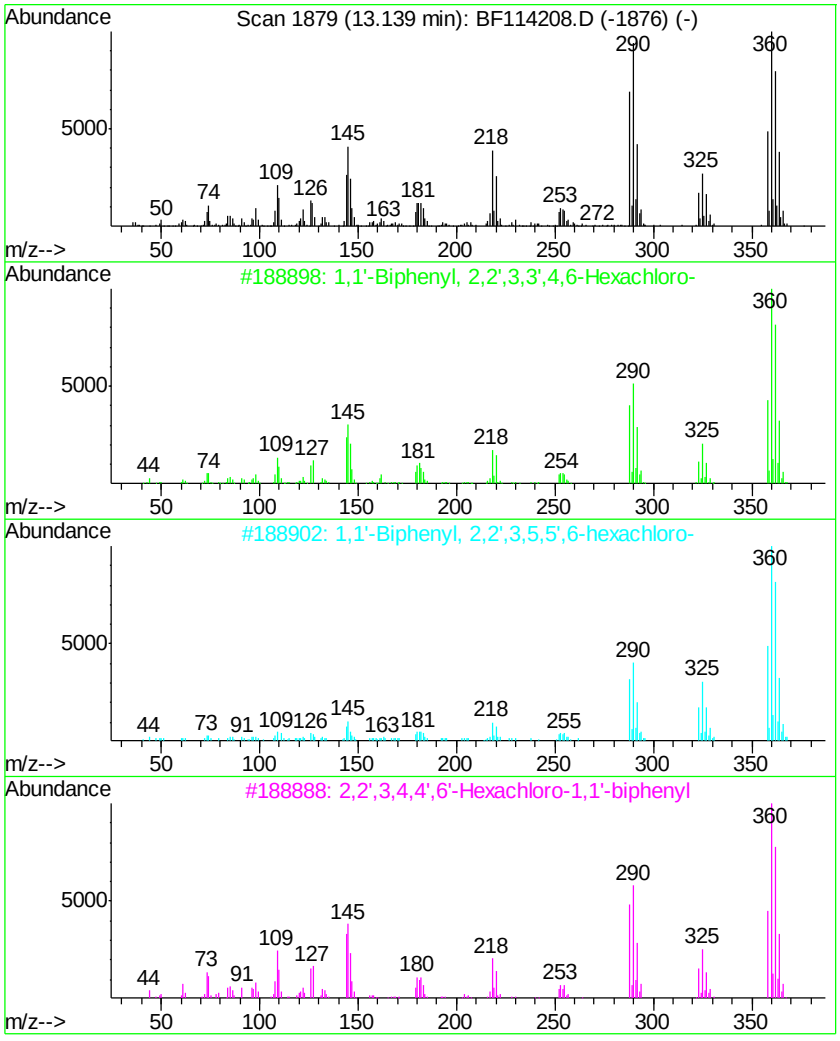
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

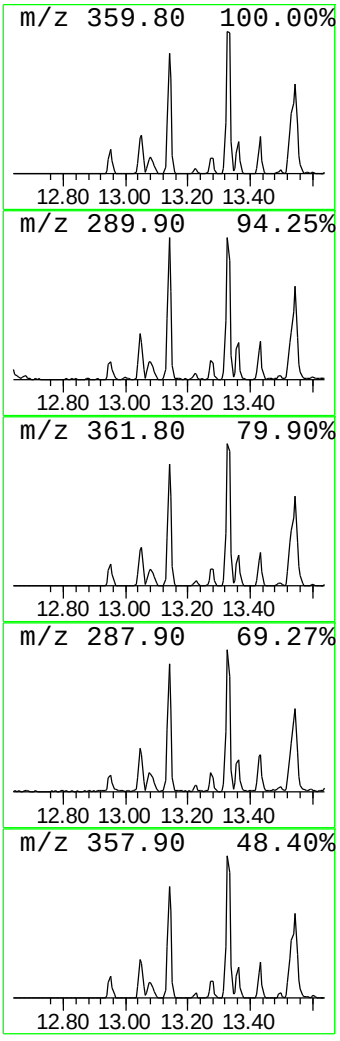
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.14 | 9.41 ng | 739670 | Chrysene-d12 | 14.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',3,3',4,6-Hex... | 358 | C12H4Cl6 | 061798-70-7 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',3,5,5',6-hex... | 358 | C12H4Cl6 | 052663-63-5 | 99 |
| 3 | 2,2',3,4,4',6'-Hexachloro-1,1'-b... | 358 | C12H4Cl6 | 059291-64-4 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',3,4',5,5'-he... | 358 | C12H4Cl6 | 051908-16-8 | 99 |
| 5 | 2,3,3',5,5',6-Hexachloro-1,1'-bi... | 358 | C12H4Cl6 | 074472-46-1 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

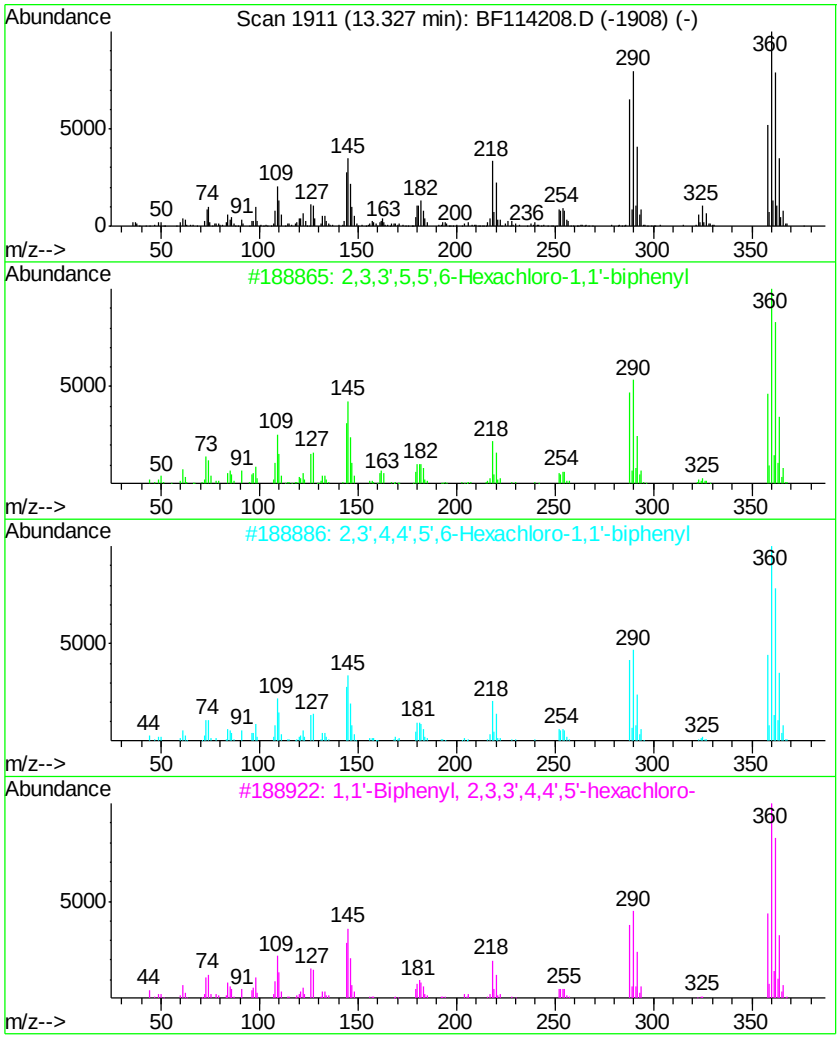
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

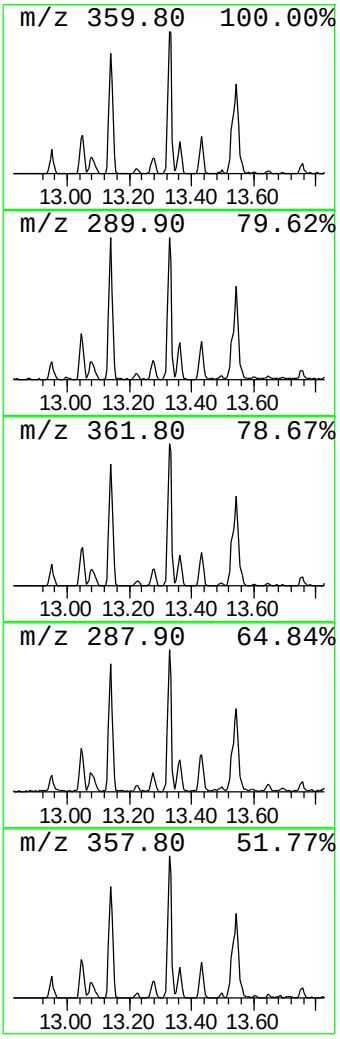
**********

Peak Number 6 2,3,3',5,5',6-Hexachloro-1,... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.33 | 9.20 ng | 723319 | Chrysene-d12 | 14.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,3,3',5,5',6-Hexachloro-1,1'-bi... | 358 | C12H4Cl6 | 074472-46-1 | 99 |
| 2 | 2,3',4,4',5',6-Hexachloro-1,1'-b... | 358 | C12H4Cl6 | 059291-65-5 | 99 |
| 3 | 1,1'-Biphenyl, 2,3,3',4,4',5'-he... | 358 | C12H4Cl6 | 069782-90-7 | 99 |
| 4 | 2,3,3',4',5,5'-Hexachloro-1,1'-b... | 358 | C12H4Cl6 | 039635-34-2 | 99 |
| 5 | 2,3,3',4',5',6-Hexachloro-1,1'-b... | 358 | C12H4Cl6 | 074472-45-0 | 99 |



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Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

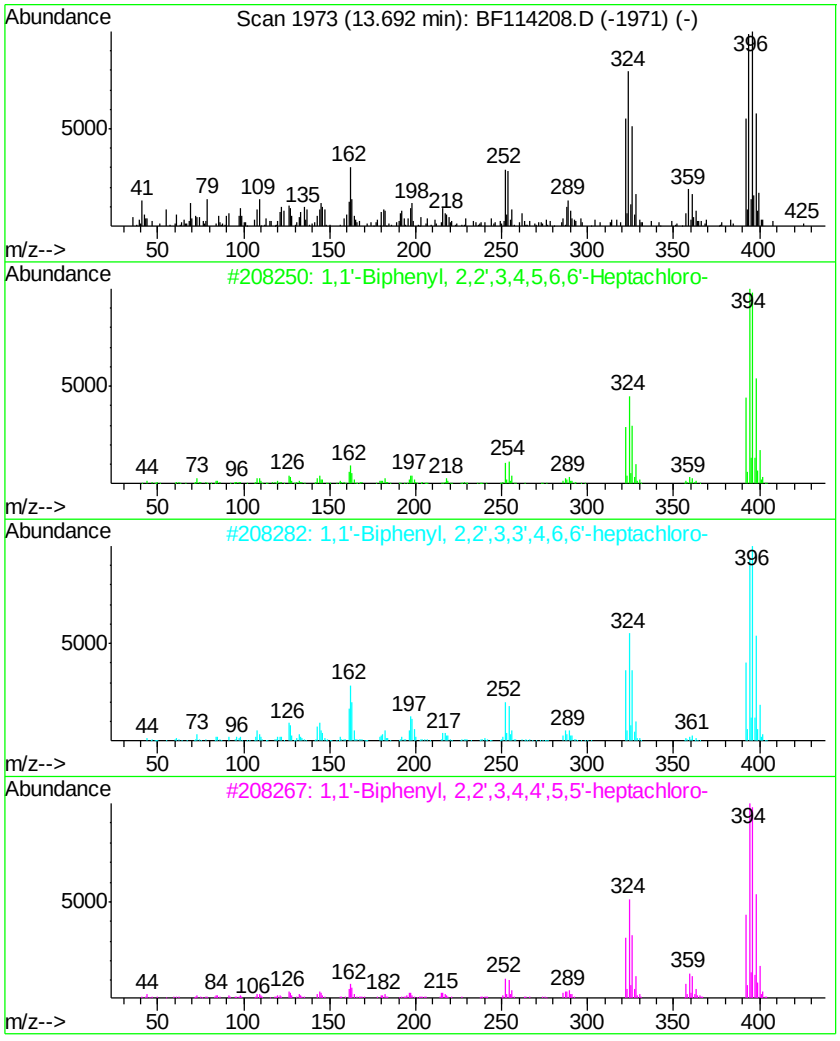
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

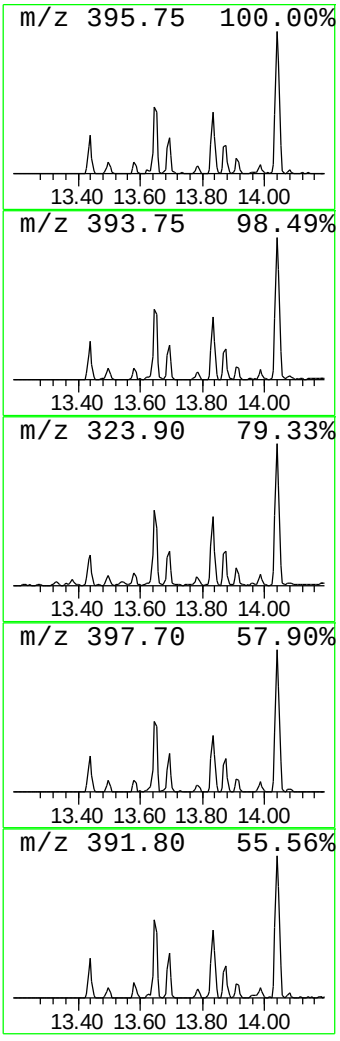
**********

Peak Number 7 1,1'-Biphenyl, 2,2',3,4,5,6... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.69 | 8.82 ng | 693327 | Chrysene-d12 | 14.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',3,4,5,6,6'-H... | 392 | C12H3Cl7 | 074472-49-4 | 99 |
| 2 | 1,1'-Biphenyl, 2,2',3,3',4,6,6'-... | 392 | C12H3Cl7 | 052663-65-7 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',3,4,4',5,5'-... | 392 | C12H3Cl7 | 035065-29-3 | 99 |
| 4 | 2,2',3,4',5,6,6'-Heptachloro-1,1... | 392 | C12H3Cl7 | 074487-85-7 | 99 |
| 5 | 1,1'-Biphenyl, 2,3,3',4,4',5,6-H... | 392 | C12H3Cl7 | 041411-64-7 | 99 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

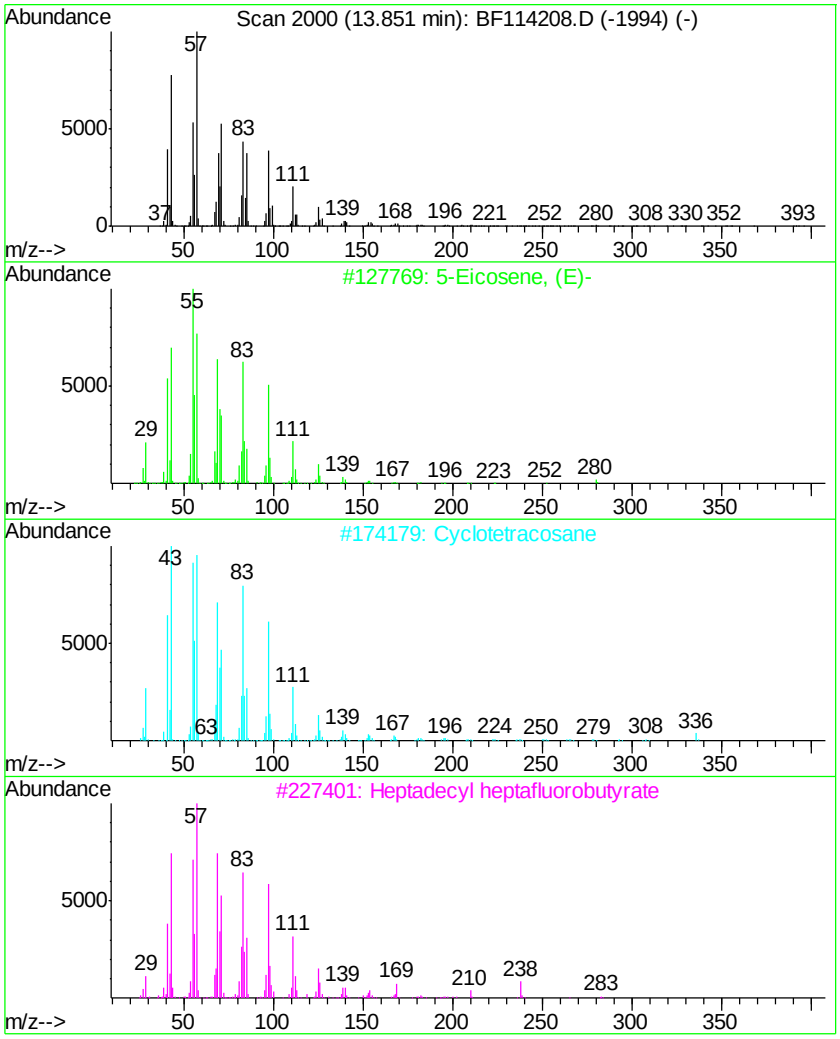
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

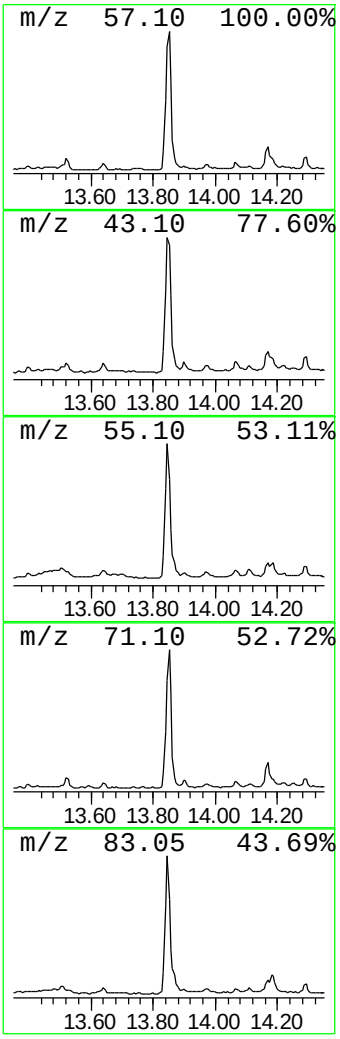
**********

Peak Number 8 5-Eicosene, (E)- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.85 | 74.23 ng | 5834760 | Chrysene-d12 | 14.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 95 |
| 2 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 94 |
| 3 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 4 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1000351-87-0 | 94 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |



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Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

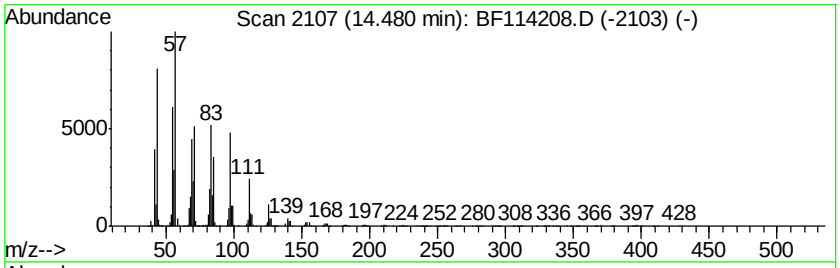
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

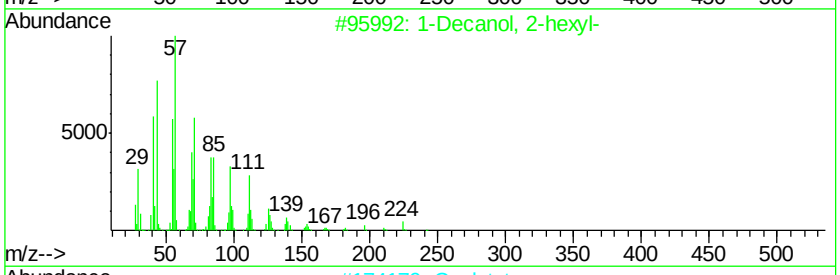
**********

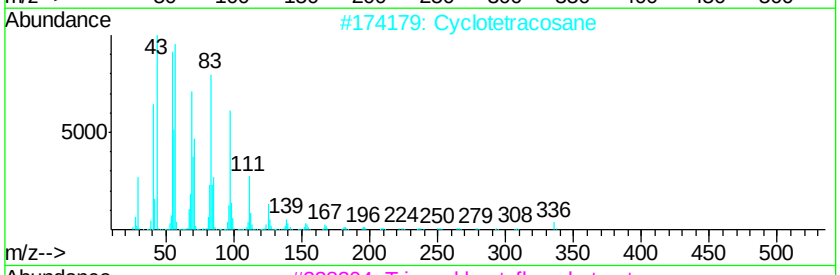
Peak Number 9 1-Decanol, 2-hexyl- Concentration Rank 1

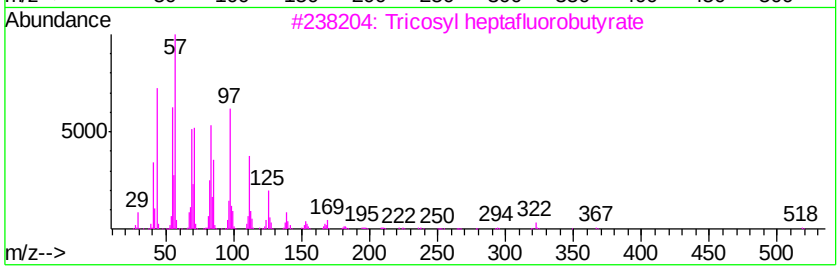
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.48 | 90.05 ng | 7078540 | Chrysene-d12 | 14.01 |

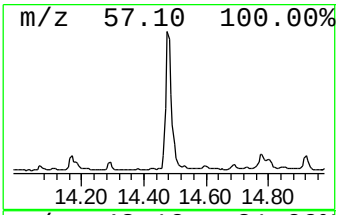
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Decanol, 2-hexyl- | 242 | C16H34O | 002425-77-6 | 95 |
| 2 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 93 |
| 3 | Tricosyl heptafluorobutyrate | 536 | C27H47F7O2 | 1000351-83-4 | 91 |
| 4 | Tetracosyl trifluoroacetate | 450 | C26H49F3O2 | 1000351-76-4 | 91 |
| 5 | Docosyl trifluoroacetate | 422 | C24H45F3O2 | 1000351-75-5 | 91 |

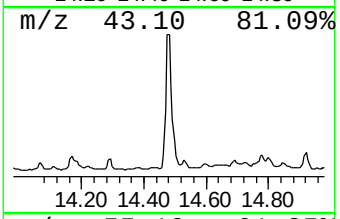


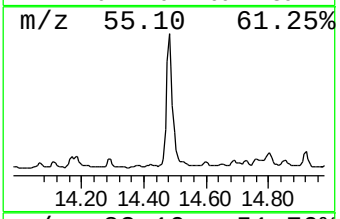



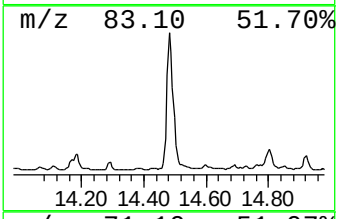



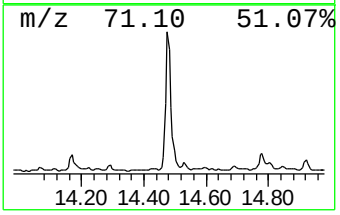



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

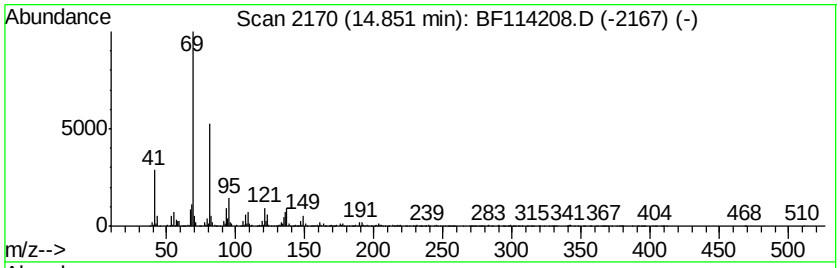
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

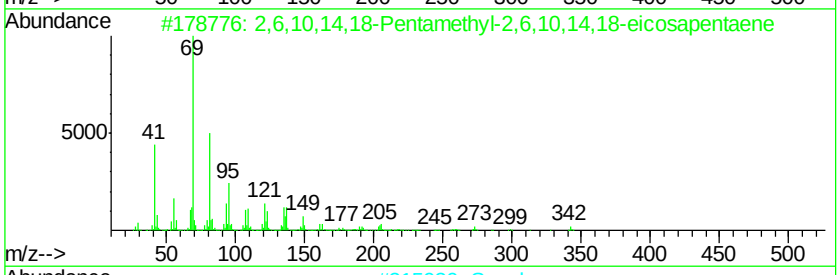
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

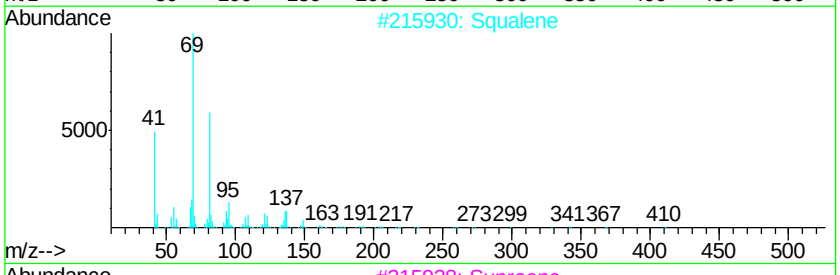
**********
Peak Number 10 2,6,10,14,18-Pentamethyl-2,... Concentration Rank 14

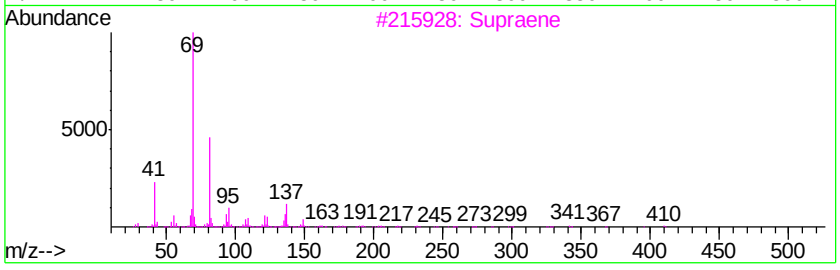
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.85 | 11.90 ng | 1064870 | Perylene-d12 | 15.48 |

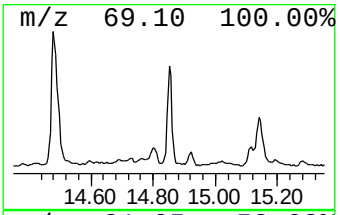
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,6,10,14,18-Pentamethyl-2,6,10,... | 342 | C25H42 | 075581-03-2 | 94 |
| 2 | Squalene | 410 | C30H50 | 000111-02-4 | 91 |
| 3 | Supraene | 410 | C30H50 | 007683-64-9 | 87 |
| 4 | Farnesol isomer a | 222 | C15H26O | 1000108-92-4 | 64 |
| 5 | 1,5-Heptadiene, 3,3,6-trimethyl- | 138 | C10H18 | 035387-63-4 | 52 |

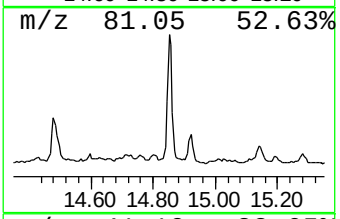


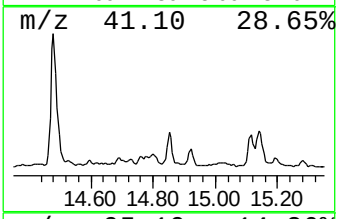



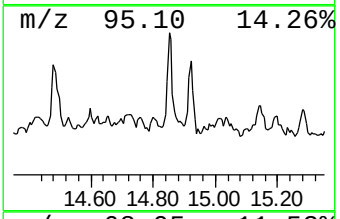



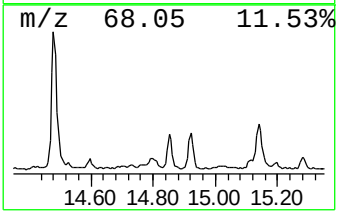



Library Search Compound Report

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Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

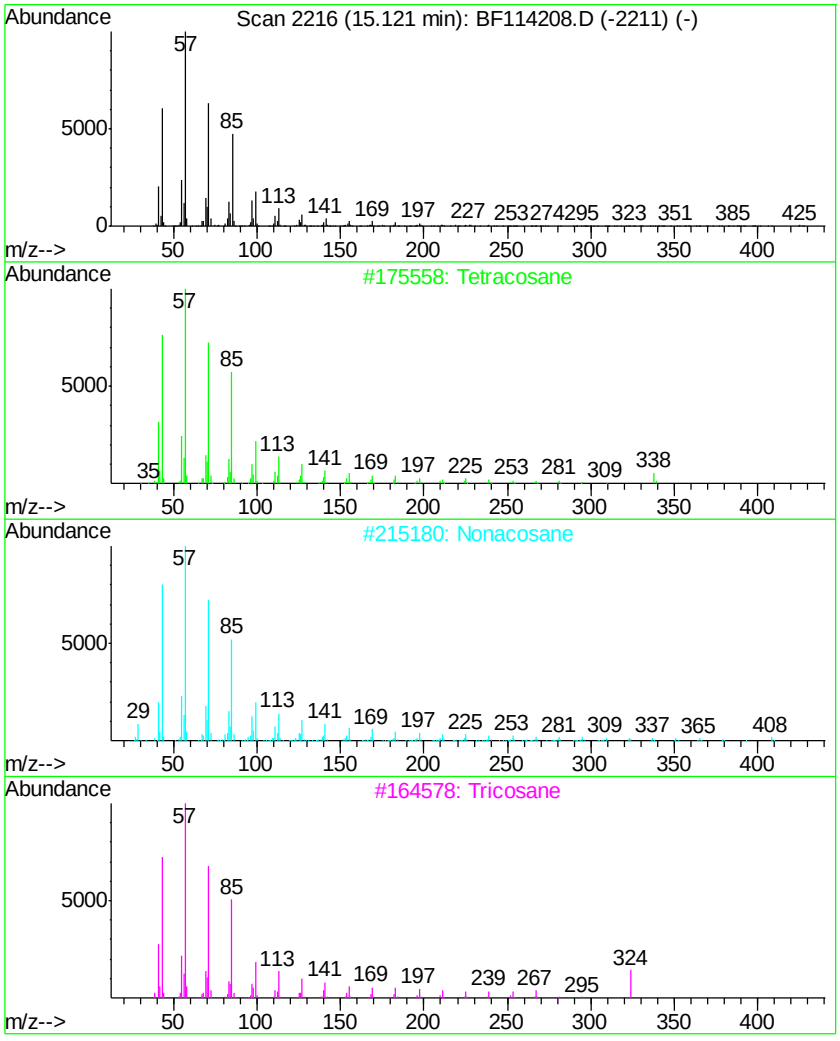
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

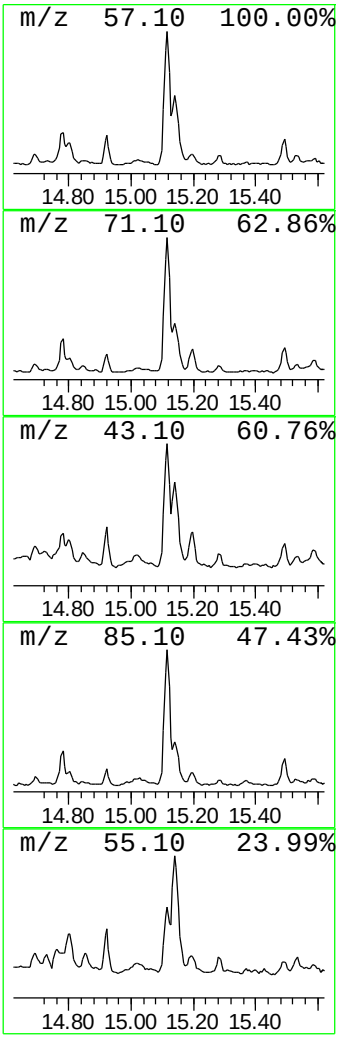
**********

Peak Number 11 Tricosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.12 | 21.22 ng | 1899490 | Perylene-d12 | 15.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 96 |
| 2 | Nonacosane | 408 | C29H60 | 000630-03-5 | 93 |
| 3 | Tricosane | 324 | C23H48 | 000638-67-5 | 93 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

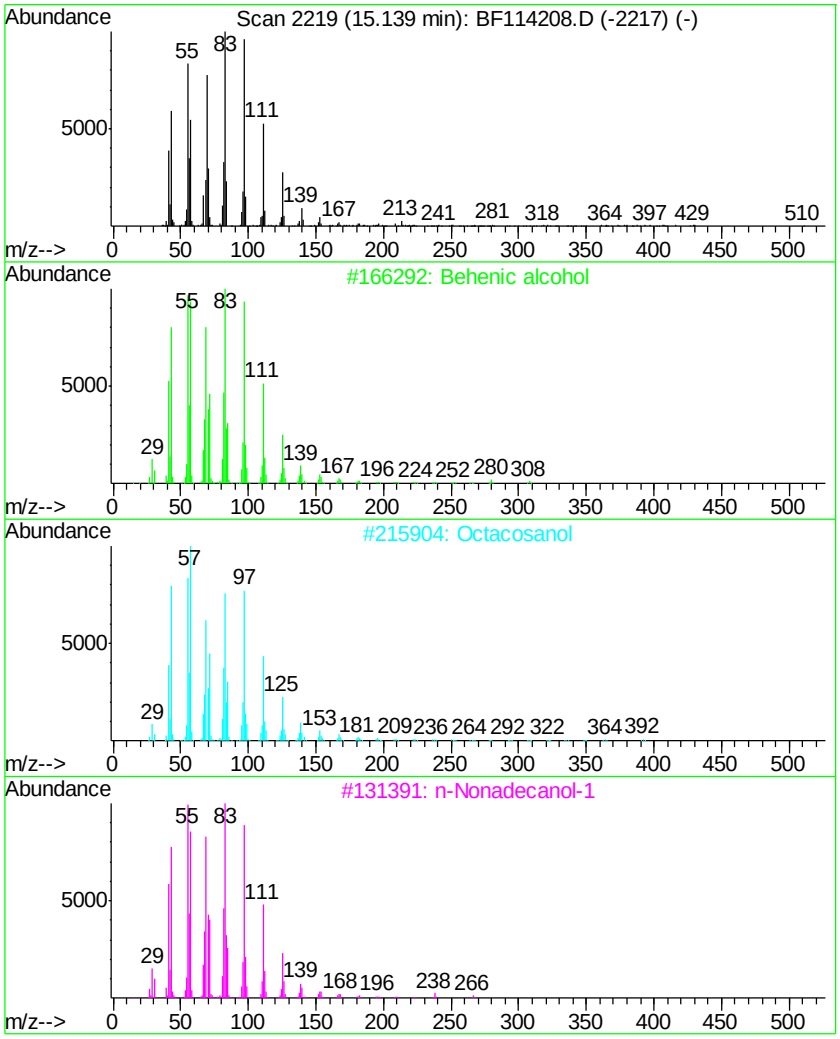
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

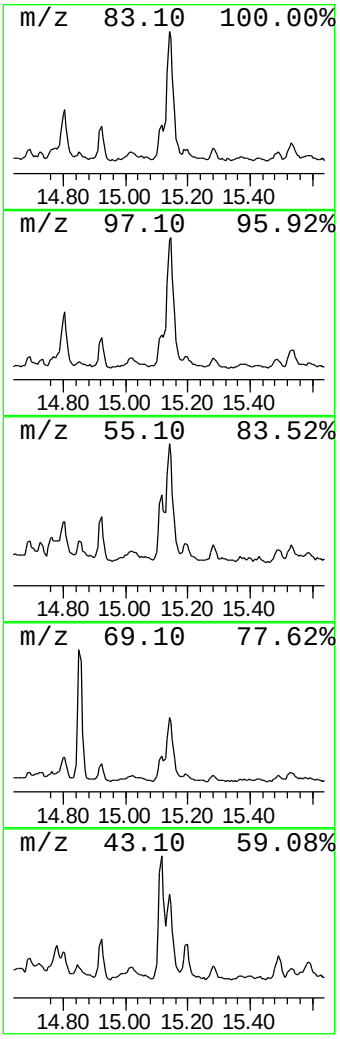
**********

Peak Number 12 Behenic alcohol Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.14 | 23.98 ng | 2146200 | Perylene-d12 | 15.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 2 | Octacosanol | 410 | C28H58O | 000557-61-9 | 52 |
| 3 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 50 |
| 4 | Cyclopentane, (2-methylbutyl)- | 140 | C10H20 | 053366-38-4 | 42 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

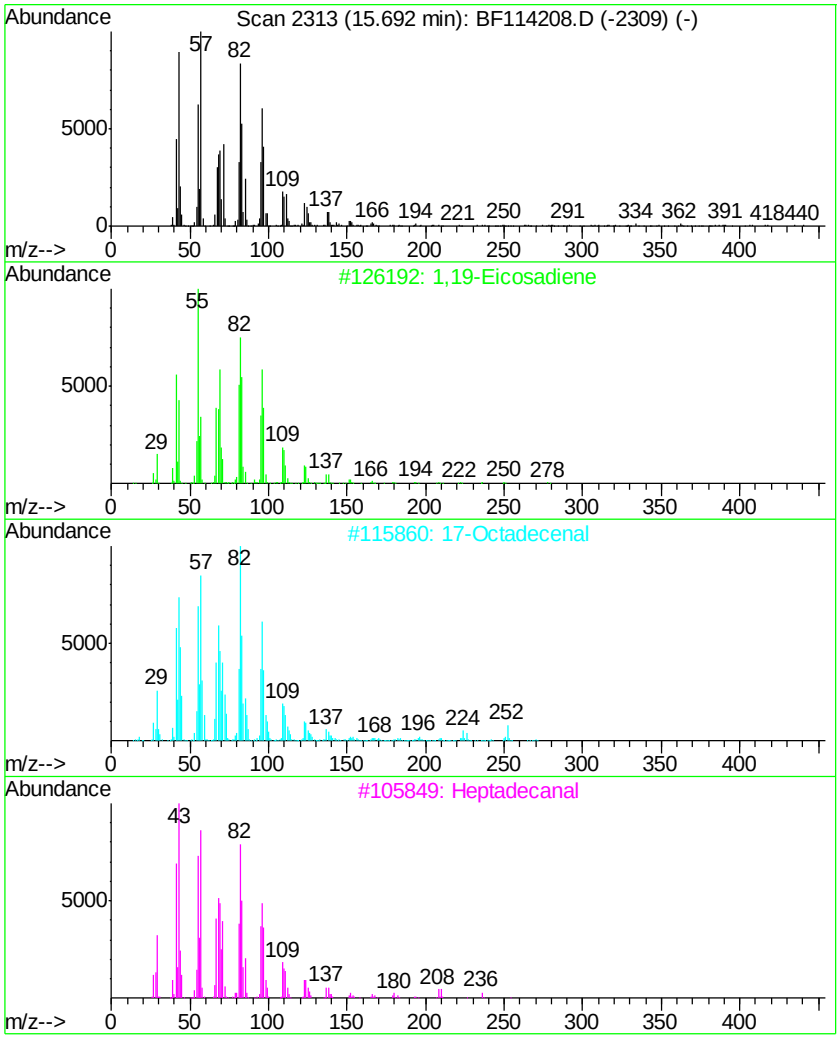
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

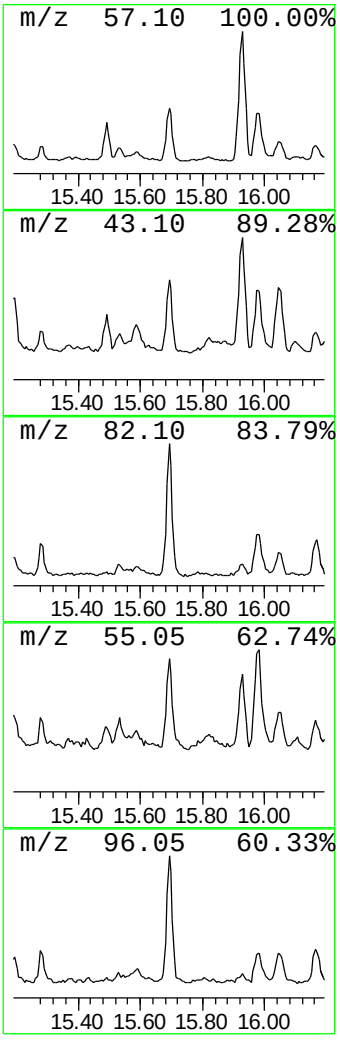
**********

Peak Number 13 1,19-Eicosadiene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.69 | 13.22 ng | 1183550 | Perylene-d12 | 15.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 95 |
| 2 | 17-Octadecenal | 266 | C18H34O | 056554-86-0 | 94 |
| 3 | Heptadecanal | 254 | C17H34O | 1000376-70-0 | 93 |
| 4 | Octadecanal | 268 | C18H36O | 000638-66-4 | 91 |
| 5 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 90 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

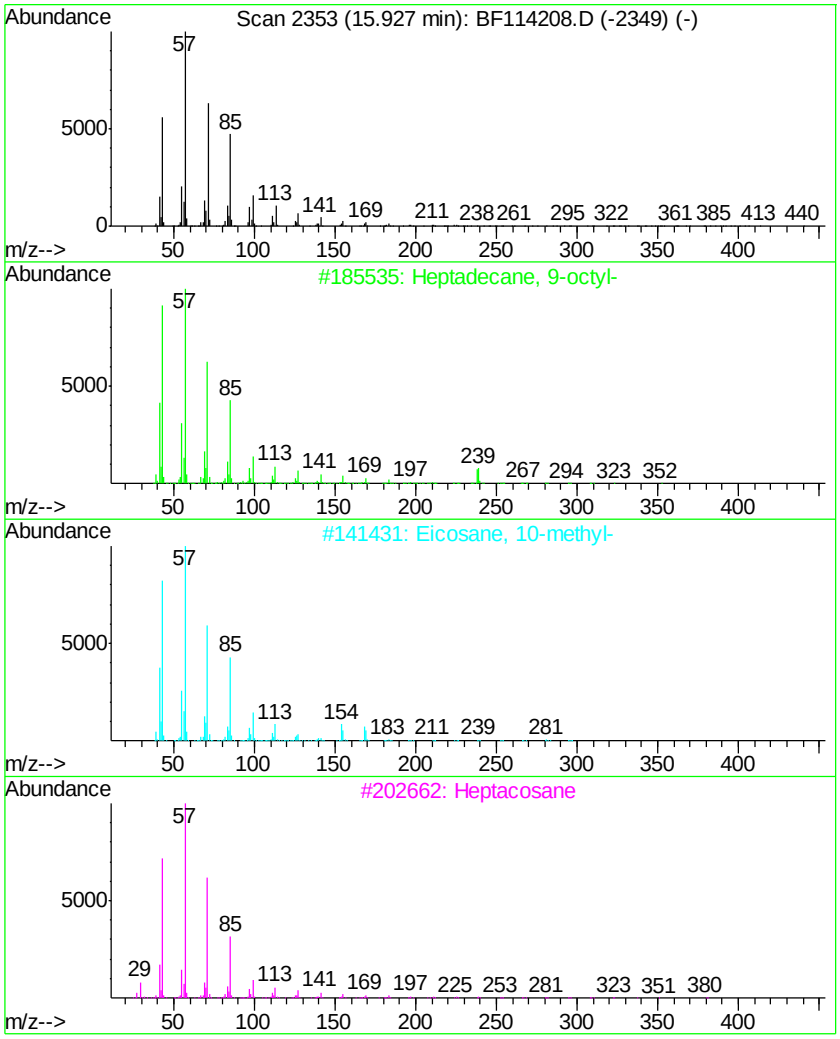
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

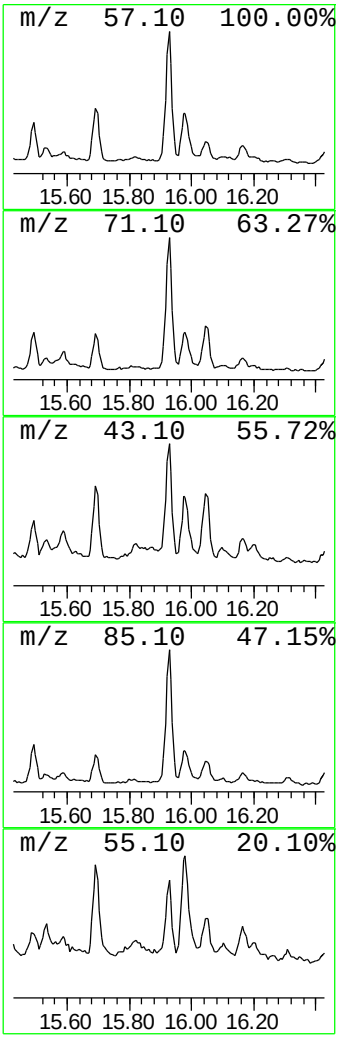
**********

Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.93 | 14.00 ng | 1252810 | Perylene-d12 | 15.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 96 |
| 2 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 94 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 5 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

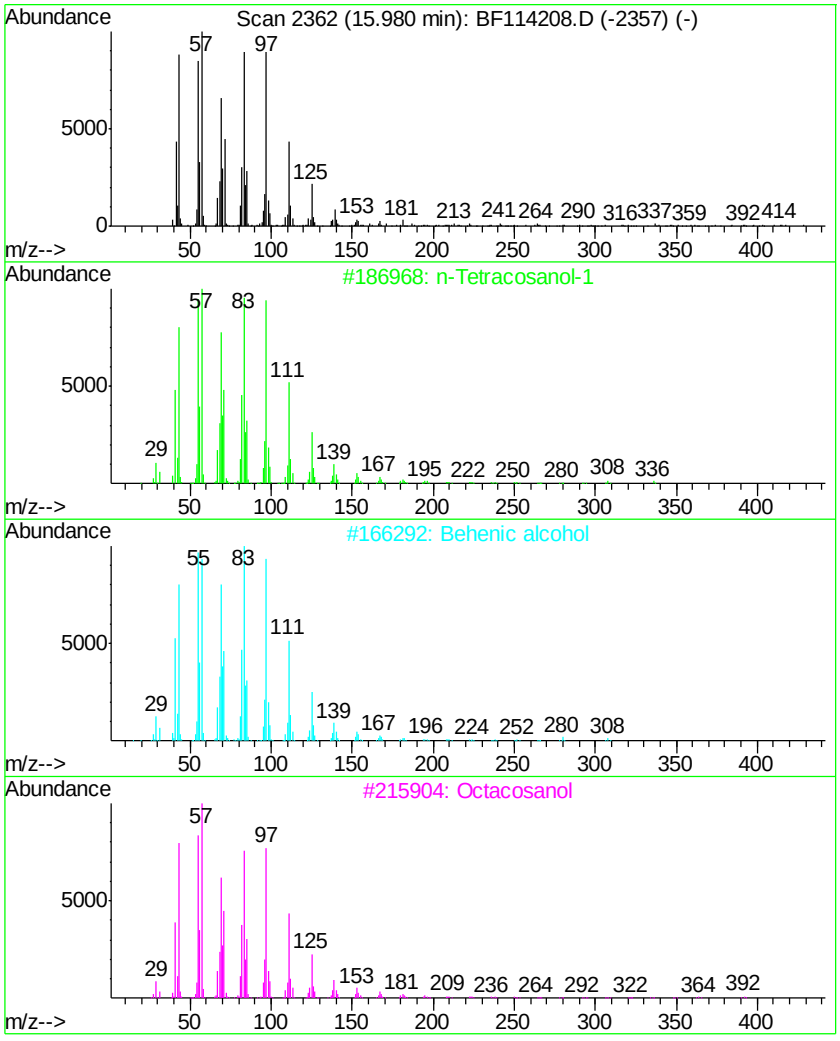
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

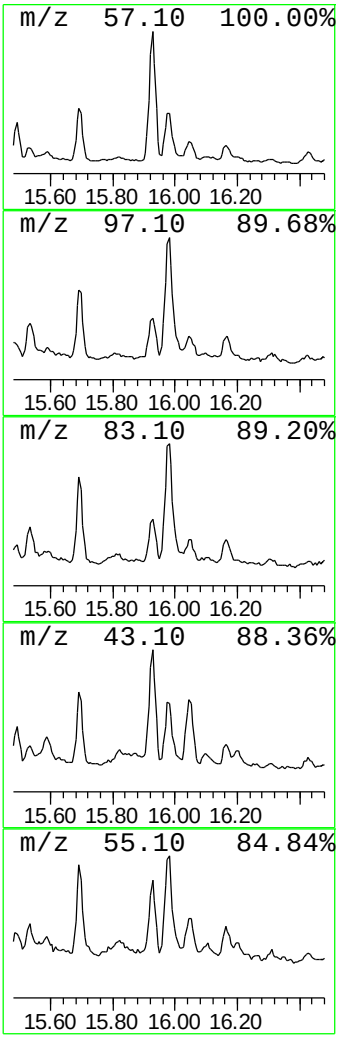
**********

Peak Number 15 n-Tetracosanol-1 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.98 | 13.72 ng | 1228320 | Perylene-d12 | 15.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 95 |
| 2 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 3 | Octacosanol | 410 | C28H58O | 000557-61-9 | 93 |
| 4 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 87 |
| 5 | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 76 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

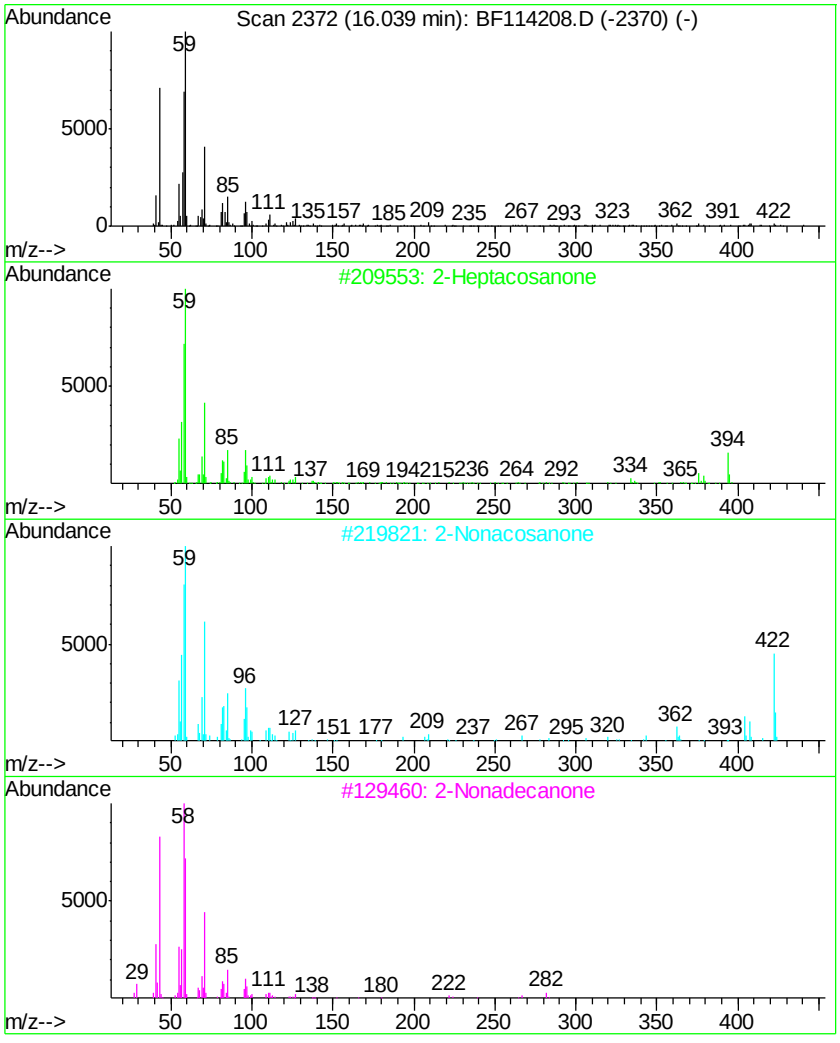
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

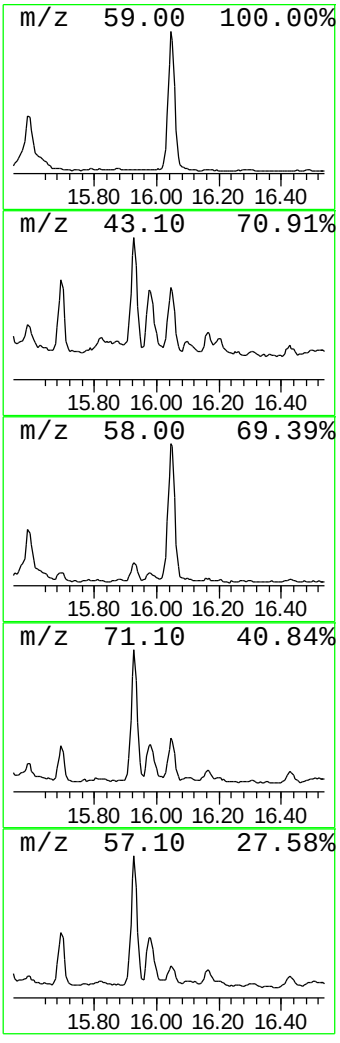
**********

Peak Number 16 2-Heptacosanone Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.04 | 8.12 ng | 726941 | Perylene-d12 | 15.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Heptacosanone | 394 | C27H54O | 007796-19-2 | 86 |
| 2 | 2-Nonacosanone | 422 | C29H58O | 017600-99-6 | 59 |
| 3 | 2-Nonadecanone | 282 | C19H38O | 000629-66-3 | 58 |
| 4 | 2-Hexadecanone | 240 | C16H32O | 018787-63-8 | 53 |
| 5 | 2-Tetradecanone | 212 | C14H28O | 002345-27-9 | 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

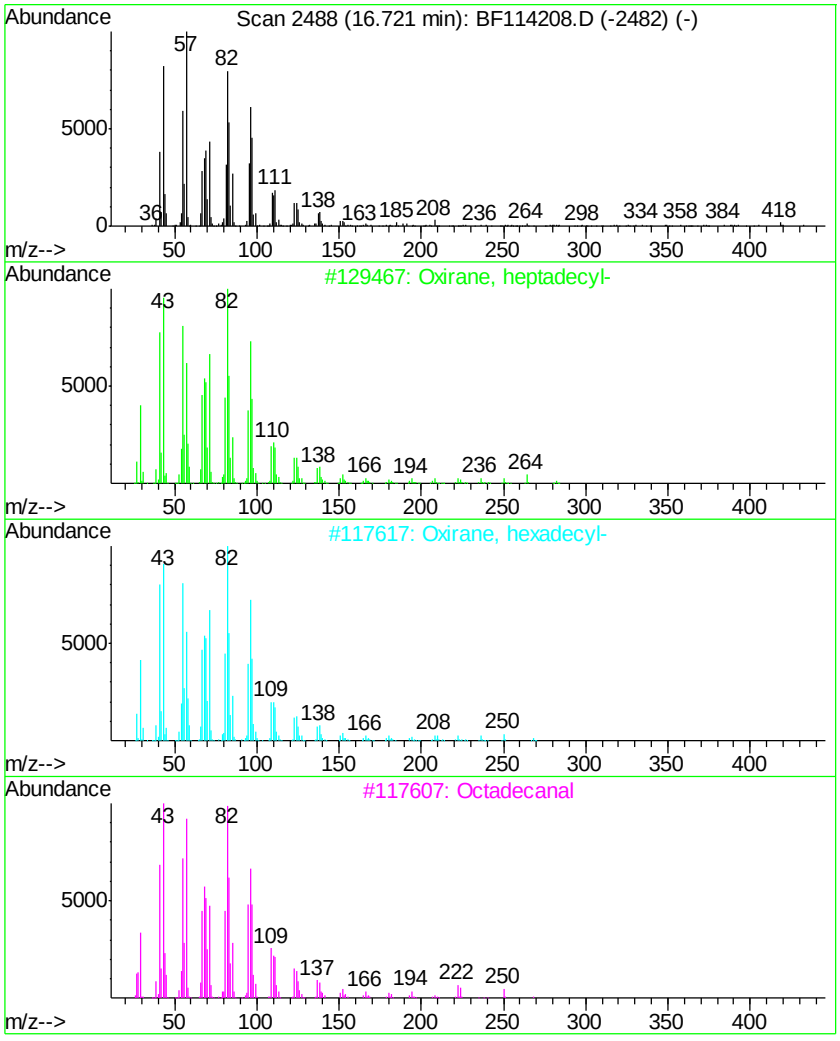
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

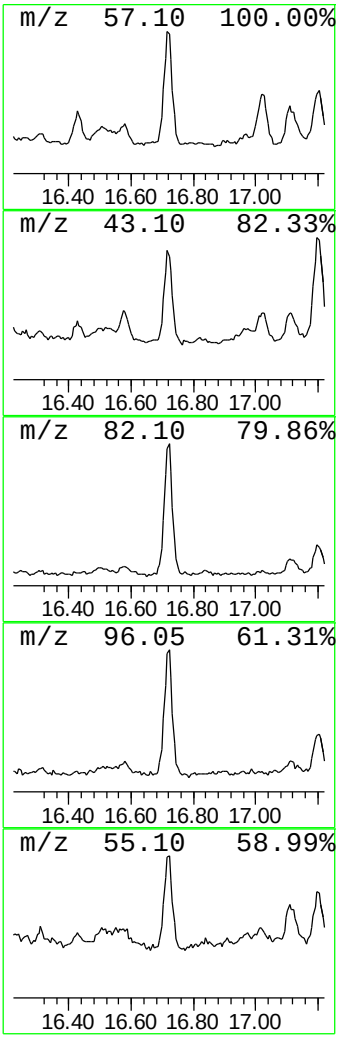
**********

Peak Number 17 Oxirane, heptadecyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.72 | 13.85 ng | 1239820 | Perylene-d12 | 15.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 94 |
| 2 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 90 |
| 3 | Octadecanal | 268 | C18H36O | 000638-66-4 | 86 |
| 4 | 1-Eicosyne | 278 | C20H38 | 000765-27-5 | 78 |
| 5 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 74 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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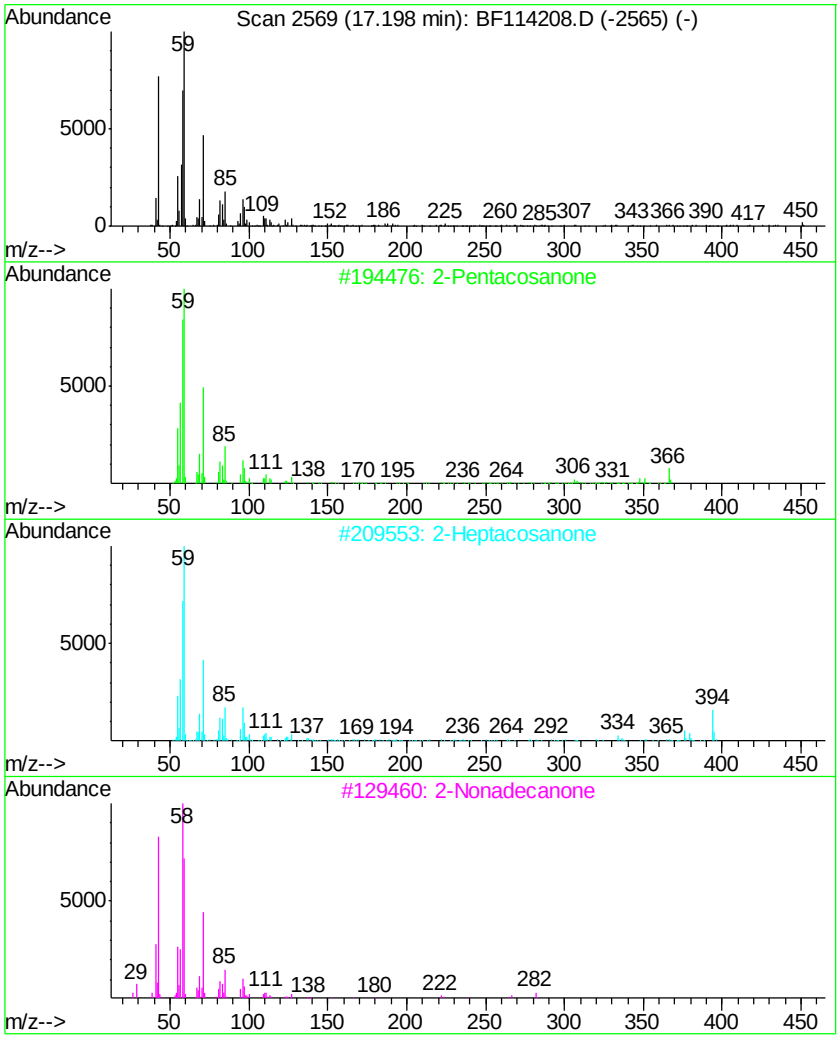
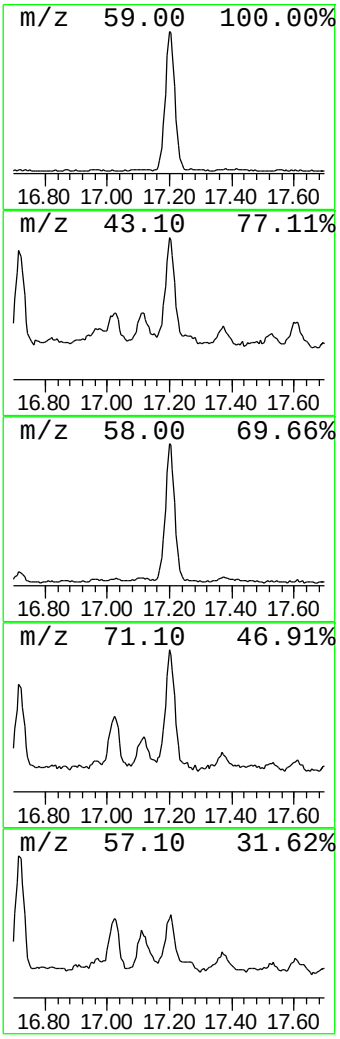
Peak Number 18 2-Pentacosanone Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.20 | 8.69 ng | 777591 | Perylene-d12 | 15.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentacosanone | 366 | C25H50O | 075207-54-4 | 90 |
| 2 | 2-Heptacosanone | 394 | C27H54O | 007796-19-2 | 64 |
| 3 | 2-Nonadecanone | 282 | C19H38O | 000629-66-3 | 58 |
| 4 | Oxirane, 3-ethyl-2,2-dimethyl- | 100 | C6H12O | 001192-22-9 | 53 |
| 5 | Octanal, 7-hydroxy-3,7-dimethyl- | 172 | C10H20O2 | 000107-75-5 | 47 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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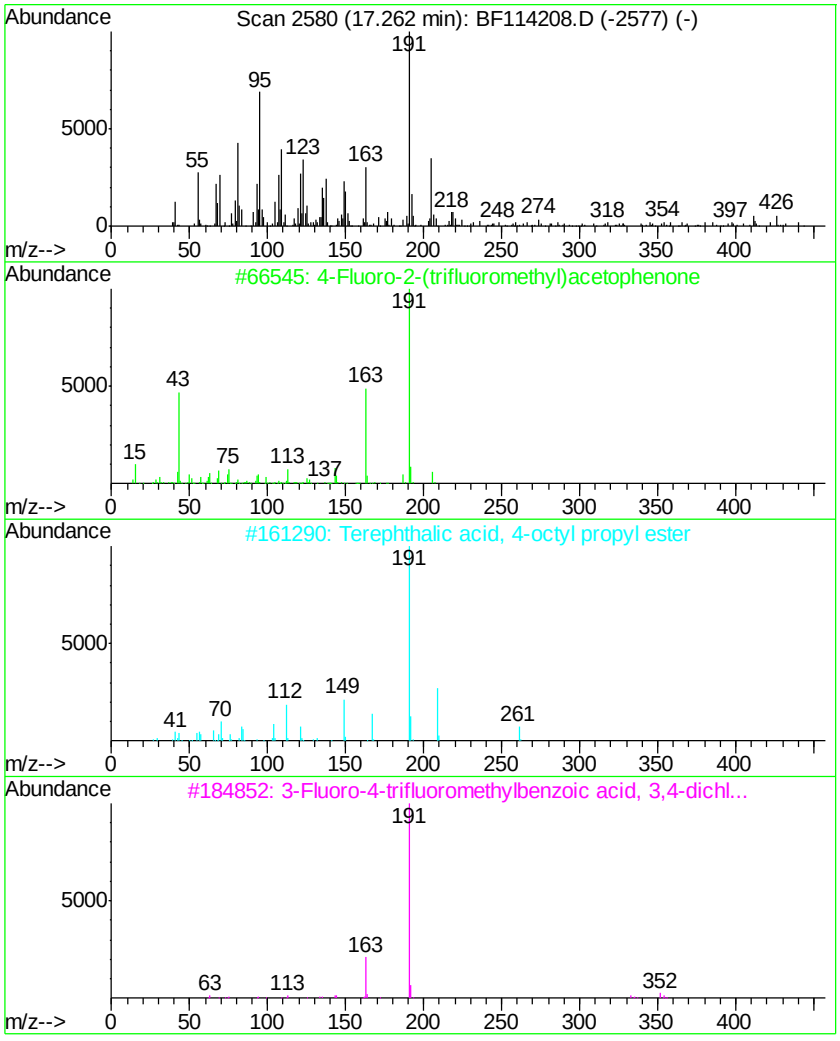
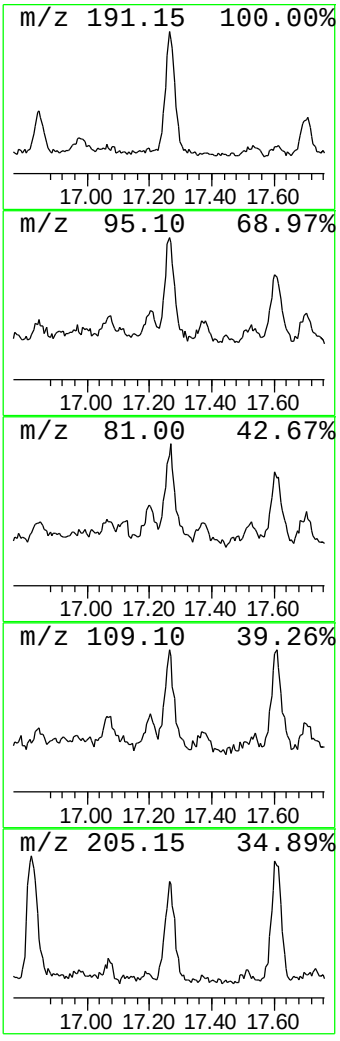
Peak Number 19 unknown17.26 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.26 | 8.19 ng | 733146 | Perylene-d12 | 15.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Fluoro-2-(trifluoromethyl)acet... | 206 | C9H6F4O | 208173-21-1 | 27 |
| 2 | Terephthalic acid, 4-octyl propy... | 320 | C19H28O4 | 1000323-73-0 | 27 |
| 3 | 3-Fluoro-4-trifluoromethylbenzoi... | 352 | C14H6Cl2F4O2 | 1000357-94-6 | 27 |
| 4 | Isophthalic acid, 2-methyloct-5-... | 330 | C20H26O4 | 1000343-92-3 | 27 |
| 5 | 4,5-Dihydrothiazol-4-one, 2-(2-m... | 222 | C10H10N2O2S | 022476-61-5 | 27 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

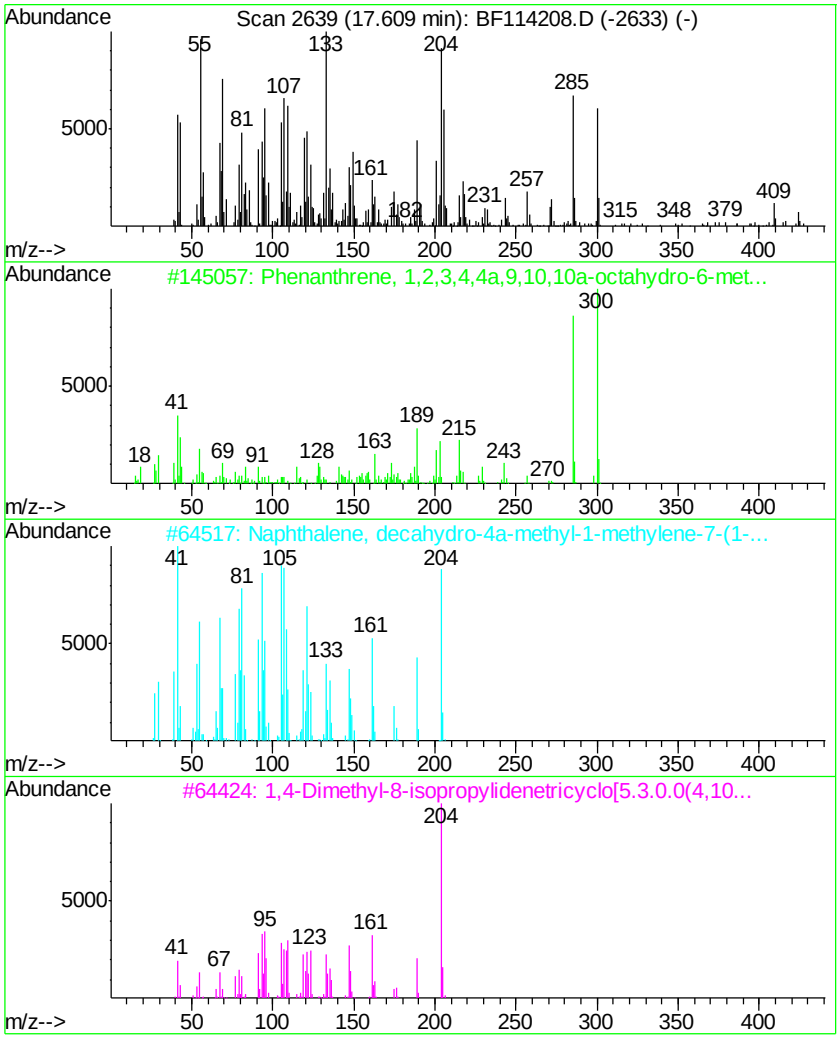
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

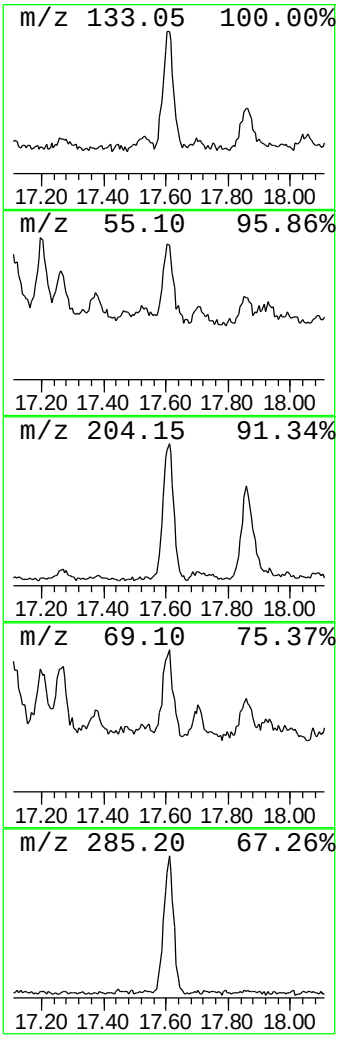
**********

Peak Number 20 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.61 | 16.54 ng | 1480110 | Perylene-d12 | 15.48 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1,2,3,4,4a,9,10,10... | 300 | C21H32O | 010064-26-3 | 56 |
| 2 | Naphthalene, decahydro-4a-methyl... | 204 | C15H24 | 017066-67-0 | 38 |
| 3 | 1,4-Dimethyl-8-isopropylidenetri... | 204 | C15H24 | 1000140-07-7 | 38 |
| 4 | .beta.-Humulene | 204 | C15H24 | 000116-04-1 | 27 |
| 5 | 3H-3a,7-Methanoazulene, 2,4,5,6,... | 204 | C15H24 | 002387-78-2 | 25 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P026-SS011-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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 |
| Butane, 2-methoxy... | 2.13 | 22.8 | ng | 1927360 | 1 | 6.85 | 1689730 | 20.0 |
| unknown6.63 | 6.63 | 79.2 | ng | 6687060 | 1 | 6.85 | 1689730 | 20.0 |
| n-Hexadecanoic acid | 11.90 | 15.1 | ng | 1590140 | 4 | 11.37 | 2108070 | 20.0 |
| 1,1'-Biphenyl, 2,... | 13.14 | 9.4 | ng | 739670 | 5 | 14.01 | 1572050 | 20.0 |
| 2,3,3',5,5',6-Hex... | 13.33 | 9.2 | ng | 723319 | 5 | 14.01 | 1572050 | 20.0 |
| 1,1'-Biphenyl, 2,... | 13.69 | 8.8 | ng | 693327 | 5 | 14.01 | 1572050 | 20.0 |
| 5-Eicosene, (E)- | 13.85 | 74.2 | ng | 5834760 | 5 | 14.01 | 1572050 | 20.0 |
| 1-Decanol, 2-hexyl- | 14.48 | 90.0 | ng | 7078540 | 5 | 14.01 | 1572050 | 20.0 |
| 2,6,10,14,18-Pent... | 14.85 | 11.9 | ng | 1064870 | 6 | 15.48 | 1790180 | 20.0 |
| Tricosane | 15.12 | 21.2 | ng | 1899490 | 6 | 15.48 | 1790180 | 20.0 |
| Behenic alcohol | 15.14 | 24.0 | ng | 2146200 | 6 | 15.48 | 1790180 | 20.0 |
| 1,19-Eicosadiene | 15.69 | 13.2 | ng | 1183550 | 6 | 15.48 | 1790180 | 20.0 |
| Heptadecane, 9-oc... | 15.93 | 14.0 | ng | 1252810 | 6 | 15.48 | 1790180 | 20.0 |
| n-Tetracosanol-1 | 15.98 | 13.7 | ng | 1228320 | 6 | 15.48 | 1790180 | 20.0 |
| 2-Heptacosanone | 16.04 | 8.1 | ng | 726941 | 6 | 15.48 | 1790180 | 20.0 |
| Oxirane, heptadecyl- | 16.72 | 13.9 | ng | 1239820 | 6 | 15.48 | 1790180 | 20.0 |
| 2-Pentacosanone | 17.20 | 8.7 | ng | 777591 | 6 | 15.48 | 1790180 | 20.0 |
| unknown17.26 | 17.26 | 8.2 | ng | 733146 | 6 | 15.48 | 1790180 | 20.0 |
| Phenanthrene, 1,2... | 17.61 | 16.5 | ng | 1480110 | 6 | 15.48 | 1790180 | 20.0 |