LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

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-BF052919.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 | 5.304 | 541 | 547 | 550 | rBV | 6953530 | 8424043 | 35.72% | 1.999% |
| 2 | 6.334 | 715 | 722 | 726 | rBV | 7392173 | 8838194 | 37.48% | 2.098% |
| 3 | 6.463 | 739 | 744 | 748 | rBV | 7993186 | 8876684 | 37.64% | 2.107% |
| 4 | 6.692 | 780 | 783 | 787 | rBV | 2544467 | 2108686 | 8.94% | 0.500% |
| 5 | 6.851 | 806 | 810 | 813 | rBV | 7570450 | 6887280 | 29.21% | 1.635% |
| 6 | 7.257 | 873 | 879 | 882 | rBV | 5470779 | 5757730 | 24.42% | 1.366% |
| 7 | 7.975 | 997 | 1001 | 1004 | rBV | 3131573 | 2673561 | 11.34% | 0.635% |
| 8 | 9.051 | 1179 | 1184 | 1187 | rBV | 9641026 | 9329074 | 39.56% | 2.214% |
| 9 | 9.304 | 1222 | 1227 | 1232 | rBV | 1643410 | 2235935 | 9.48% | 0.531% |
| 10 | 9.380 | 1235 | 1240 | 1243 | rBV | 2340217 | 2356906 | 10.00% | 0.559% |
| 11 | 9.439 | 1248 | 1250 | 1253 | rVV | 1276675 | 1007767 | 4.27% | 0.239% |
| 12 | 9.498 | 1256 | 1260 | 1265 | rVB | 1259861 | 1312227 | 5.56% | 0.311% |
| 13 | 9.580 | 1268 | 1274 | 1277 | rBV | 1649949 | 1402399 | 5.95% | 0.333% |
| 14 | 9.722 | 1292 | 1298 | 1300 | rBV2 | 3308253 | 3478466 | 14.75% | 0.826% |
| 15 | 9.757 | 1300 | 1304 | 1307 | rVV | 8771139 | 8433590 | 35.77% | 2.002% |
| 16 | 9.922 | 1328 | 1332 | 1336 | rVB | 5521469 | 5239554 | 22.22% | 1.244% |
| 17 | 10.269 | 1386 | 1391 | 1394 | rVV | 8254929 | 8124088 | 34.45% | 1.928% |
| 18 | 10.333 | 1400 | 1402 | 1403 | rVV2 | 1247113 | 1111501 | 4.71% | 0.264% |
| 19 | 10.351 | 1403 | 1405 | 1407 | rVV | 2473354 | 1901022 | 8.06% | 0.451% |
| 20 | 10.398 | 1411 | 1413 | 1415 | rVV | 1297849 | 1146331 | 4.86% | 0.272% |
| 21 | 10.422 | 1415 | 1417 | 1423 | rVB | 3187646 | 2751434 | 11.67% | 0.653% |
| 22 | 10.504 | 1423 | 1431 | 1435 | rBV2 | 7690317 | 9089524 | 38.55% | 2.157% |
| 23 | 10.692 | 1459 | 1463 | 1467 | rBV | 2264330 | 1994059 | 8.46% | 0.473% |
| 24 | 10.810 | 1476 | 1483 | 1486 | rVV2 | 2882436 | 4121146 | 17.48% | 0.978% |
| 25 | 10.833 | 1486 | 1487 | 1491 | rVV2 | 1208352 | 1243027 | 5.27% | 0.295% |
| 26 | 10.892 | 1494 | 1497 | 1500 | rVV2 | 1305386 | 1351589 | 5.73% | 0.321% |
| 27 | 10.939 | 1503 | 1505 | 1507 | rVV | 1577948 | 1599297 | 6.78% | 0.380% |
| 28 | 10.963 | 1507 | 1509 | 1515 | rVV | 1687934 | 2306383 | 9.78% | 0.547% |
| 29 | 11.057 | 1520 | 1525 | 1528 | rVV2 | 2696585 | 3461204 | 14.68% | 0.821% |
| 30 | 11.092 | 1528 | 1531 | 1534 | rVV | 3258355 | 3153696 | 13.37% | 0.748% |
| 31 | 11.239 | 1544 | 1556 | 1558 | rBV2 | 12534139 | 23580426 | 100.00% | 5.596% |
| 32 | 11.280 | 1558 | 1563 | 1565 | rVV | 8738128 | 8720900 | 36.98% | 2.070% |
| 33 | 11.304 | 1565 | 1567 | 1571 | rVV2 | 1173679 | 1361779 | 5.78% | 0.323% |
| 34 | 11.451 | 1590 | 1592 | 1597 | rVV2 | 881995 | 1200080 | 5.09% | 0.285% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

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-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.492 | 1597 | 1599 | 1602 | rVV | 1156303 | 1019801 | 4.32% | 0.242% |
| 36 | 11.527 | 1602 | 1605 | 1608 | rVV2 | 738274 | 900320 | 3.82% | 0.214% |
| 37 | 11.698 | 1628 | 1634 | 1636 | rBV | 5527926 | 5460306 | 23.16% | 1.296% |
| 38 | 11.727 | 1636 | 1639 | 1643 | rVB | 6718392 | 6261149 | 26.55% | 1.486% |
| 39 | 11.774 | 1643 | 1647 | 1650 | rBV | 3787870 | 3587896 | 15.22% | 0.852% |
| 40 | 11.816 | 1650 | 1654 | 1656 | rVV | 7581752 | 9710395 | 41.18% | 2.305% |
| 41 | 11.833 | 1656 | 1657 | 1660 | rVB | 3954763 | 1838113 | 7.80% | 0.436% |
| 42 | 11.992 | 1681 | 1684 | 1687 | rVB | 4337807 | 3443359 | 14.60% | 0.817% |
| 43 | 12.139 | 1704 | 1709 | 1712 | rBV2 | 1467929 | 1783241 | 7.56% | 0.423% |
| 44 | 12.168 | 1712 | 1714 | 1716 | rVV | 1202503 | 962438 | 4.08% | 0.228% |
| 45 | 12.245 | 1723 | 1727 | 1730 | rBV | 2013040 | 2567392 | 10.89% | 0.609% |
| 46 | 12.280 | 1730 | 1733 | 1736 | rVV | 1657311 | 2159518 | 9.16% | 0.513% |
| 47 | 12.339 | 1739 | 1743 | 1750 | rVB3 | 837719 | 1535255 | 6.51% | 0.364% |
| 48 | 12.427 | 1750 | 1758 | 1760 | rBV | 12154985 | 22922846 | 97.21% | 5.440% |
| 49 | 12.457 | 1760 | 1763 | 1767 | rBV3 | 705733 | 1028437 | 4.36% | 0.244% |
| 50 | 12.521 | 1772 | 1774 | 1776 | rBV3 | 918489 | 875754 | 3.71% | 0.208% |
| 51 | 12.551 | 1776 | 1779 | 1782 | rVB | 1475942 | 1270334 | 5.39% | 0.301% |
| 52 | 12.633 | 1788 | 1793 | 1795 | rBV2 | 11720841 | 17715061 | 75.13% | 4.204% |
| 53 | 12.680 | 1799 | 1801 | 1807 | rVB3 | 2350412 | 2407854 | 10.21% | 0.571% |
| 54 | 12.751 | 1807 | 1813 | 1815 | rBV | 2991551 | 3008659 | 12.76% | 0.714% |
| 55 | 12.780 | 1815 | 1818 | 1821 | rVV | 7766431 | 7319361 | 31.04% | 1.737% |
| 56 | 12.851 | 1824 | 1830 | 1837 | rBV3 | 3016044 | 5333826 | 22.62% | 1.266% |
| 57 | 12.963 | 1837 | 1849 | 1852 | rVB | 7284654 | 10899454 | 46.22% | 2.587% |
| 58 | 13.027 | 1856 | 1860 | 1863 | rVV | 7043091 | 7514271 | 31.87% | 1.783% |
| 59 | 13.063 | 1863 | 1866 | 1869 | rVV2 | 4188089 | 4638367 | 19.67% | 1.101% |
| 60 | 13.086 | 1869 | 1870 | 1873 | rVV2 | 1346723 | 1129665 | 4.79% | 0.268% |
| 61 | 13.121 | 1873 | 1876 | 1878 | rVV2 | 1003383 | 1030903 | 4.37% | 0.245% |
| 62 | 13.151 | 1878 | 1881 | 1884 | rVV | 2226422 | 2098174 | 8.90% | 0.498% |
| 63 | 13.180 | 1884 | 1886 | 1895 | rVV2 | 2485651 | 2990730 | 12.68% | 0.710% |
| 64 | 13.310 | 1905 | 1908 | 1910 | rBV | 1216786 | 957821 | 4.06% | 0.227% |
| 65 | 13.357 | 1910 | 1916 | 1918 | rBV3 | 986723 | 1496274 | 6.35% | 0.355% |
| 66 | 13.380 | 1918 | 1920 | 1923 | rVV | 1744042 | 1605739 | 6.81% | 0.381% |
| 67 | 13.439 | 1926 | 1930 | 1933 | rBV | 1733059 | 2355311 | 9.99% | 0.559% |
| 68 | 13.468 | 1933 | 1935 | 1938 | rVB3 | 882594 | 878015 | 3.72% | 0.208% |
| 69 | 13.568 | 1948 | 1952 | 1955 | rBV | 2285688 | 2386124 | 10.12% | 0.566% |
| 70 | 13.598 | 1955 | 1957 | 1959 | rVV | 2533735 | 2233558 | 9.47% | 0.530% |
| 71 | 13.621 | 1959 | 1961 | 1968 | rVB4 | 1864121 | 2847522 | 12.08% | 0.676% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

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-BF052919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 13.733 | 1975 | 1980 | 1984 | rVB2 | 812623 | 1160635 | 4.92% | 0.275% |
| 73 | 13.821 | 1988 | 1995 | 1998 | rBV2 | 10124975 | 17220297 | 73.03% | 4.087% |
| 74 | 13.857 | 1998 | 2001 | 2005 | rVB | 9234622 | 10434169 | 44.25% | 2.476% |
| 75 | 13.927 | 2011 | 2013 | 2016 | rVB | 1667994 | 1175726 | 4.99% | 0.279% |
| 76 | 14.004 | 2023 | 2026 | 2028 | rVB2 | 1268611 | 1059605 | 4.49% | 0.251% |
| 77 | 14.033 | 2028 | 2031 | 2036 | rBV2 | 1538730 | 1901487 | 8.06% | 0.451% |
| 78 | 14.168 | 2051 | 2054 | 2056 | rBV | 1053097 | 1007977 | 4.27% | 0.239% |
| 79 | 14.210 | 2056 | 2061 | 2063 | rVV | 3160300 | 3668374 | 15.56% | 0.871% |
| 80 | 14.239 | 2063 | 2066 | 2069 | rVB | 2238665 | 1878404 | 7.97% | 0.446% |
| 81 | 14.298 | 2069 | 2076 | 2078 | rBV3 | 1816912 | 2381007 | 10.10% | 0.565% |
| 82 | 14.327 | 2078 | 2081 | 2083 | rVV2 | 1422865 | 1459284 | 6.19% | 0.346% |
| 83 | 14.351 | 2083 | 2085 | 2088 | rVB3 | 2386881 | 2102521 | 8.92% | 0.499% |
| 84 | 14.398 | 2088 | 2093 | 2099 | rVB4 | 1163959 | 1834065 | 7.78% | 0.435% |
| 85 | 14.674 | 2137 | 2140 | 2147 | rBV | 1000947 | 1313237 | 5.57% | 0.312% |
| 86 | 14.839 | 2160 | 2168 | 2170 | rBV | 7565131 | 14813471 | 62.82% | 3.516% |
| 87 | 14.921 | 2179 | 2182 | 2186 | rVB | 2288894 | 2162053 | 9.17% | 0.513% |
| 88 | 15.004 | 2192 | 2196 | 2198 | rBV2 | 640066 | 901128 | 3.82% | 0.214% |
| 89 | 15.109 | 2208 | 2214 | 2219 | rVV | 4929973 | 7860845 | 33.34% | 1.866% |
| 90 | 15.168 | 2219 | 2224 | 2228 | rVV | 7068724 | 9768398 | 41.43% | 2.318% |
| 91 | 15.215 | 2228 | 2232 | 2234 | rVV | 2461047 | 2938694 | 12.46% | 0.697% |
| 92 | 15.245 | 2234 | 2237 | 2243 | rVV2 | 2993028 | 4411607 | 18.71% | 1.047% |
| 93 | 15.404 | 2252 | 2264 | 2272 | rBV2 | 1428754 | 5051601 | 21.42% | 1.199% |
| 94 | 15.545 | 2284 | 2288 | 2293 | rVB3 | 535907 | 891696 | 3.78% | 0.212% |
| 95 | 16.368 | 2421 | 2428 | 2436 | rBV4 | 726645 | 2029361 | 8.61% | 0.482% |
| 96 | 16.545 | 2451 | 2458 | 2465 | rVB2 | 3168009 | 5990276 | 25.40% | 1.422% |
| 97 | 16.698 | 2477 | 2484 | 2488 | rVV | 843555 | 1713477 | 7.27% | 0.407% |
| 98 | 16.751 | 2488 | 2493 | 2510 | rVB3 | 854240 | 2394333 | 10.15% | 0.568% |
| 99 | 16.945 | 2517 | 2526 | 2533 | rBV | 2106251 | 4477428 | 18.99% | 1.063% |
| 100 | 17.145 | 2553 | 2560 | 2574 | rVB2 | 943272 | 2598663 | 11.02% | 0.617% |

Sum of corrected areas: 421352644

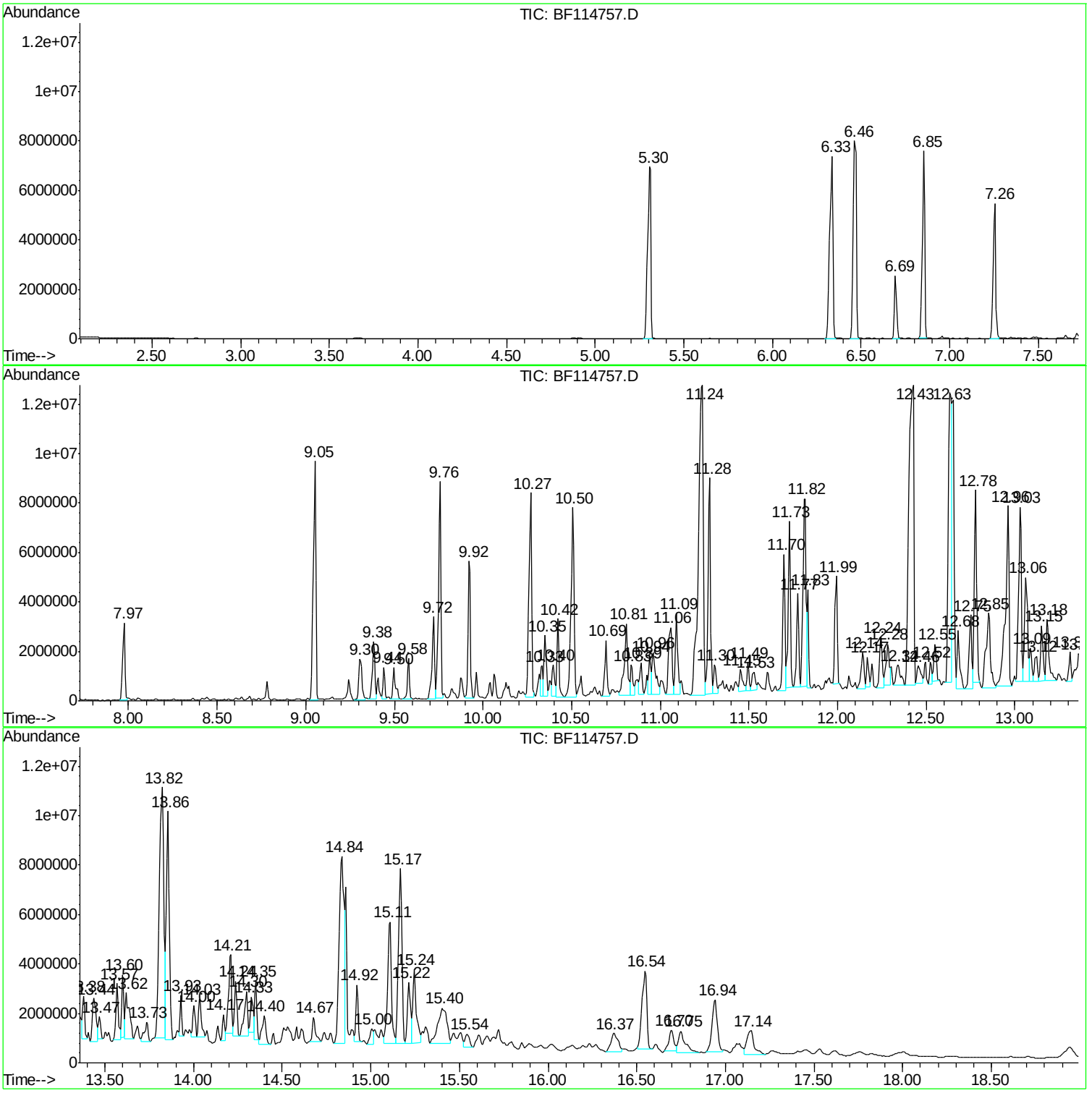
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

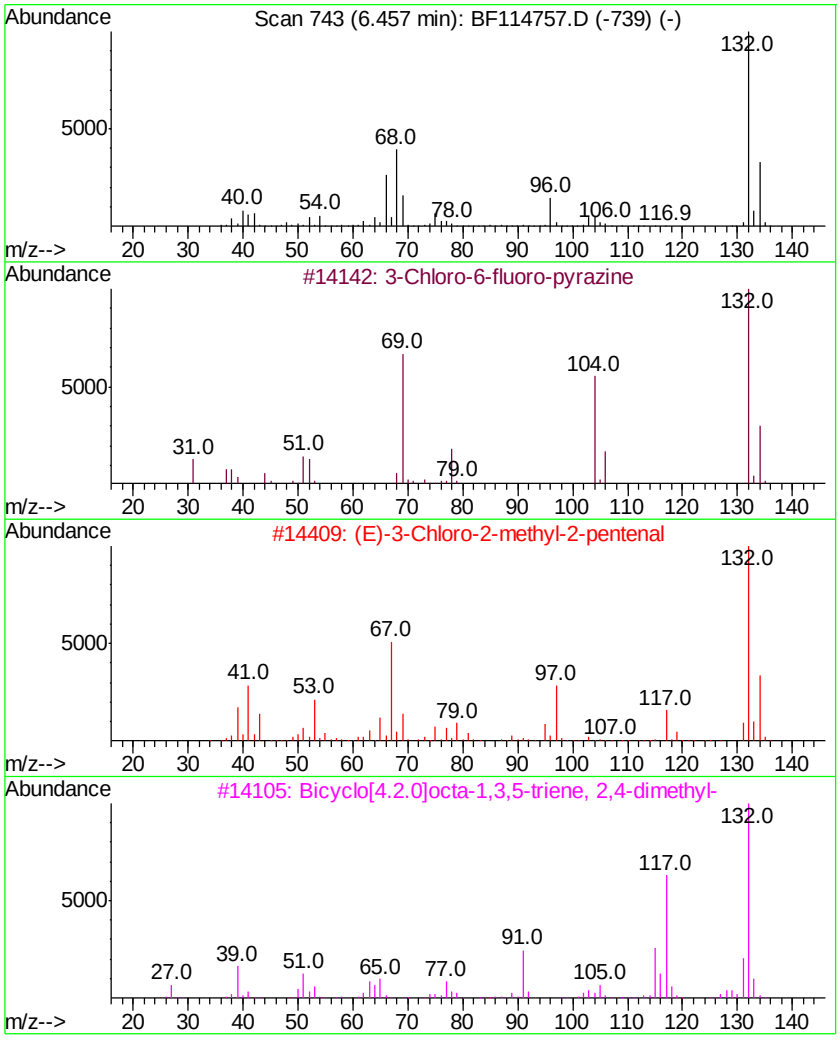
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

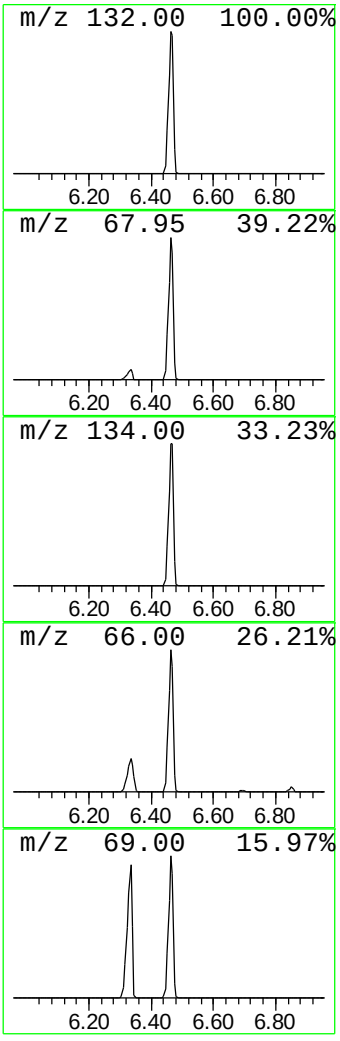
**********

Peak Number 1 unknown6.46 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.46 | 84.19 ng | 8876680 | 1,4-Dichlorobenzene-d4 | 6.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 16 |
| 3 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 4 | Xenon | 132 | Xe | 007440-63-3 | 9 |
| 5 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

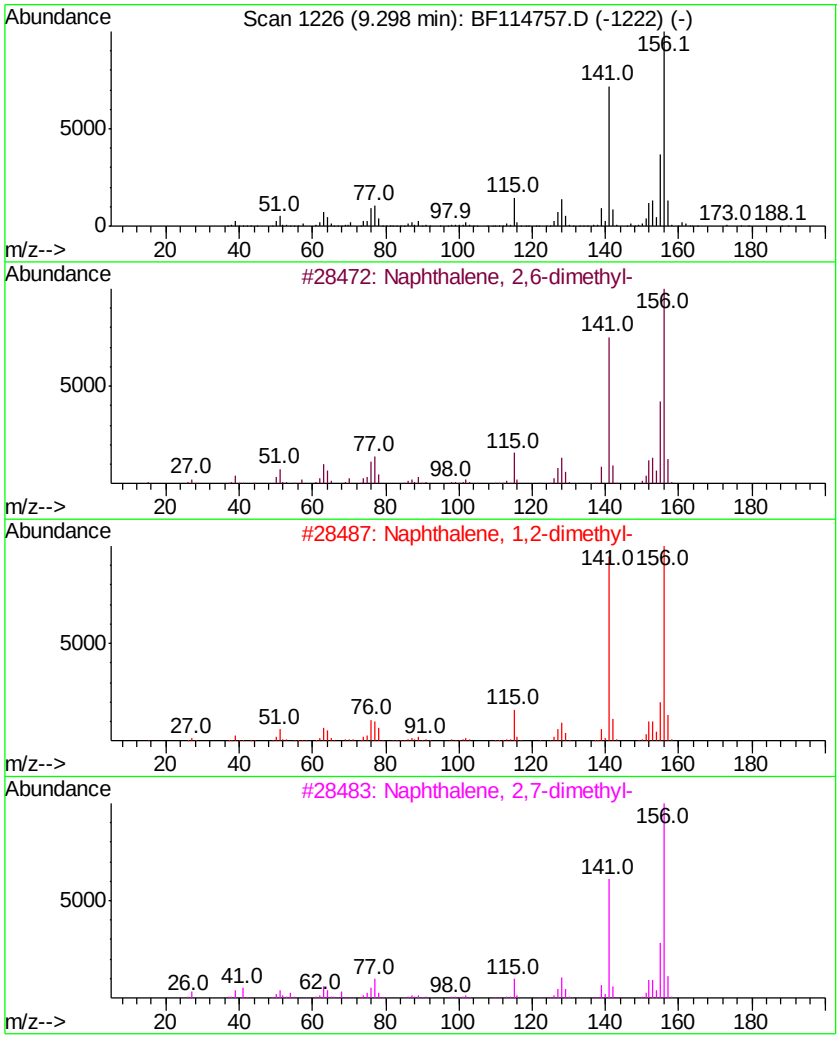
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

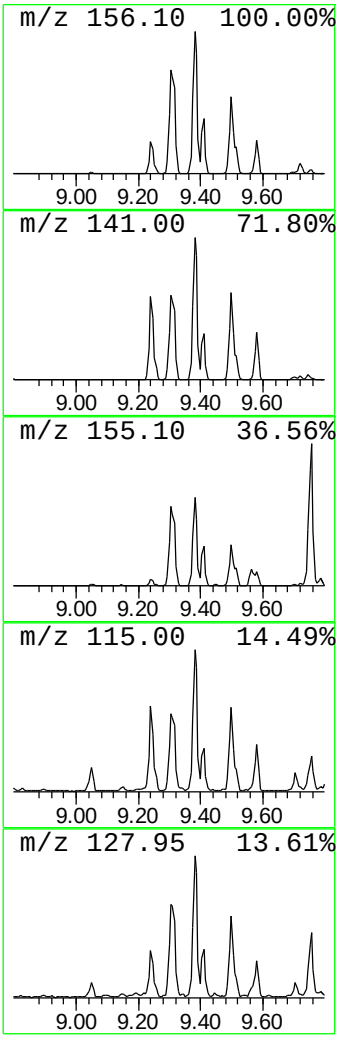
**********

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.30 | 12.86 ng | 2235940 | Acenaphthene-d10 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 96 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

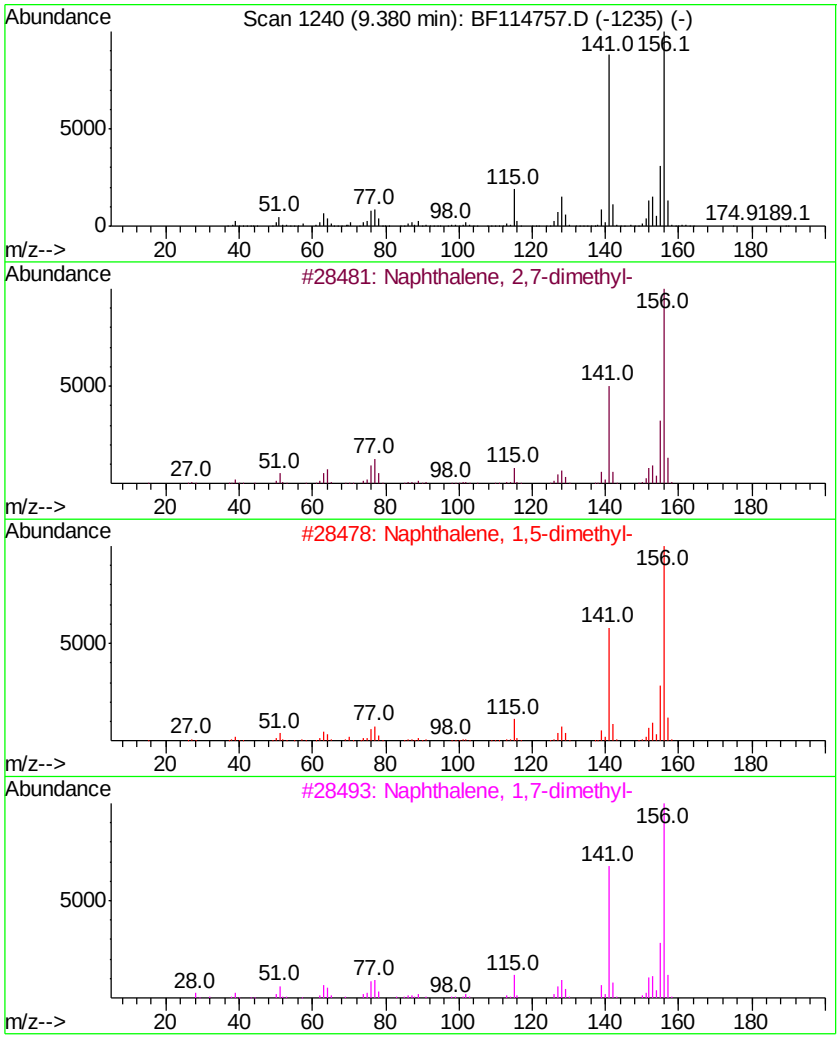
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

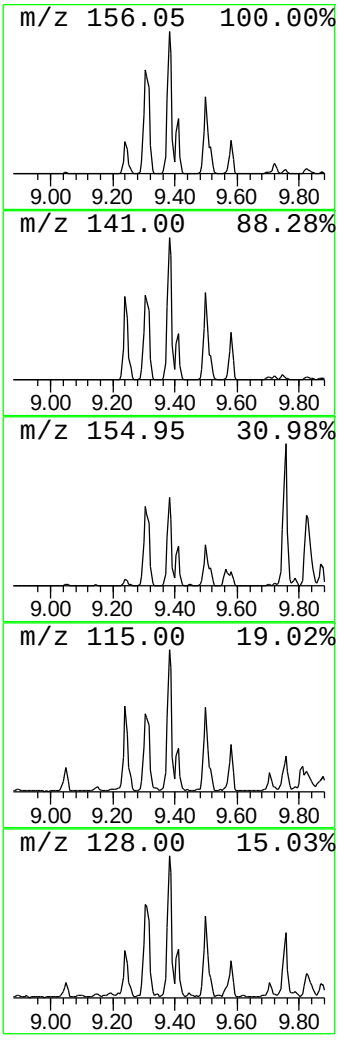
**********

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.38 | 13.55 ng | 2356910 | Acenaphthene-d10 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 2 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

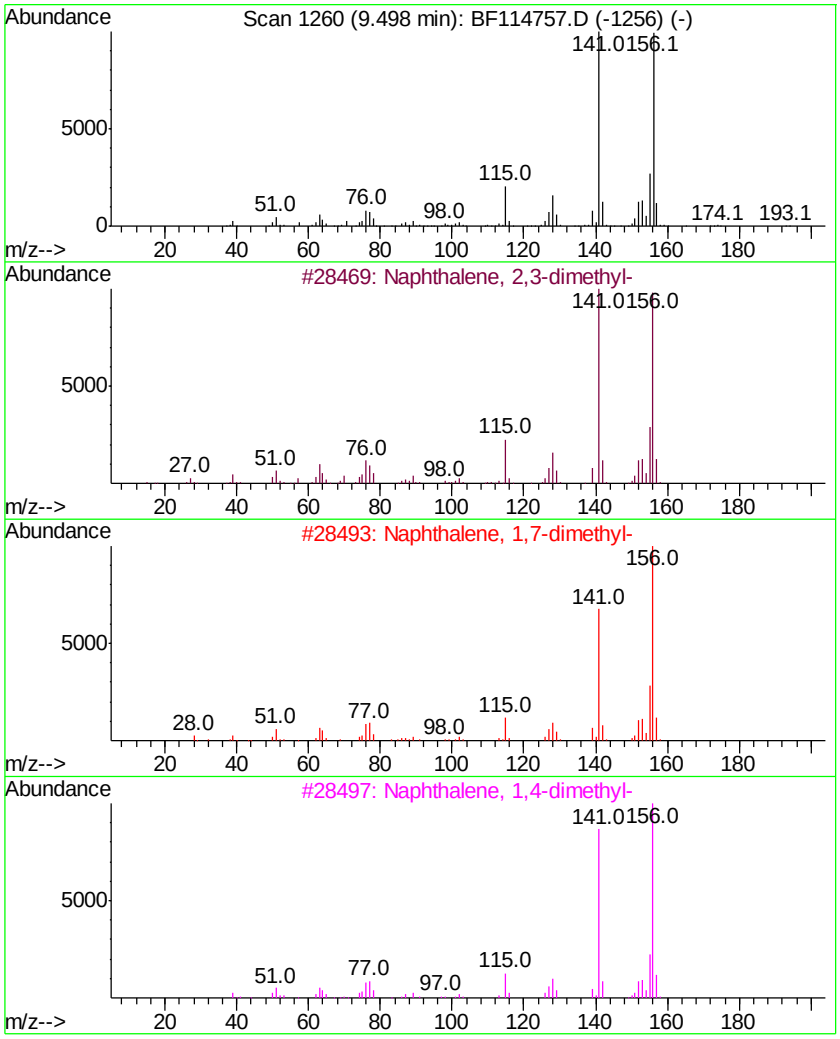
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

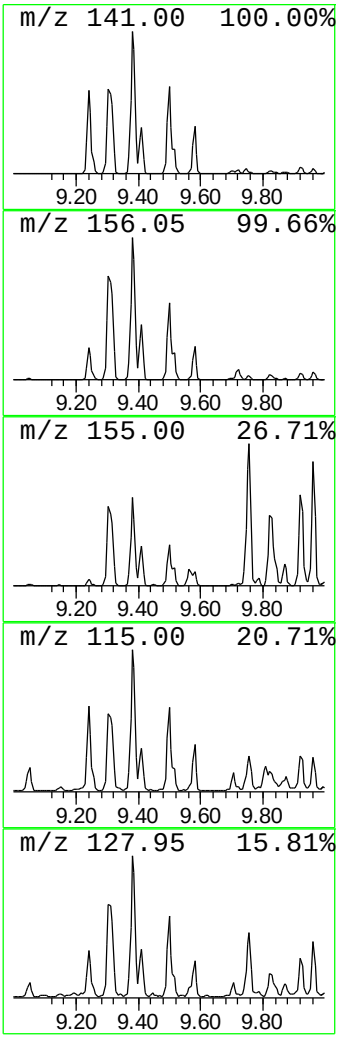
**********

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.50 | 7.54 ng | 1312230 | Acenaphthene-d10 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

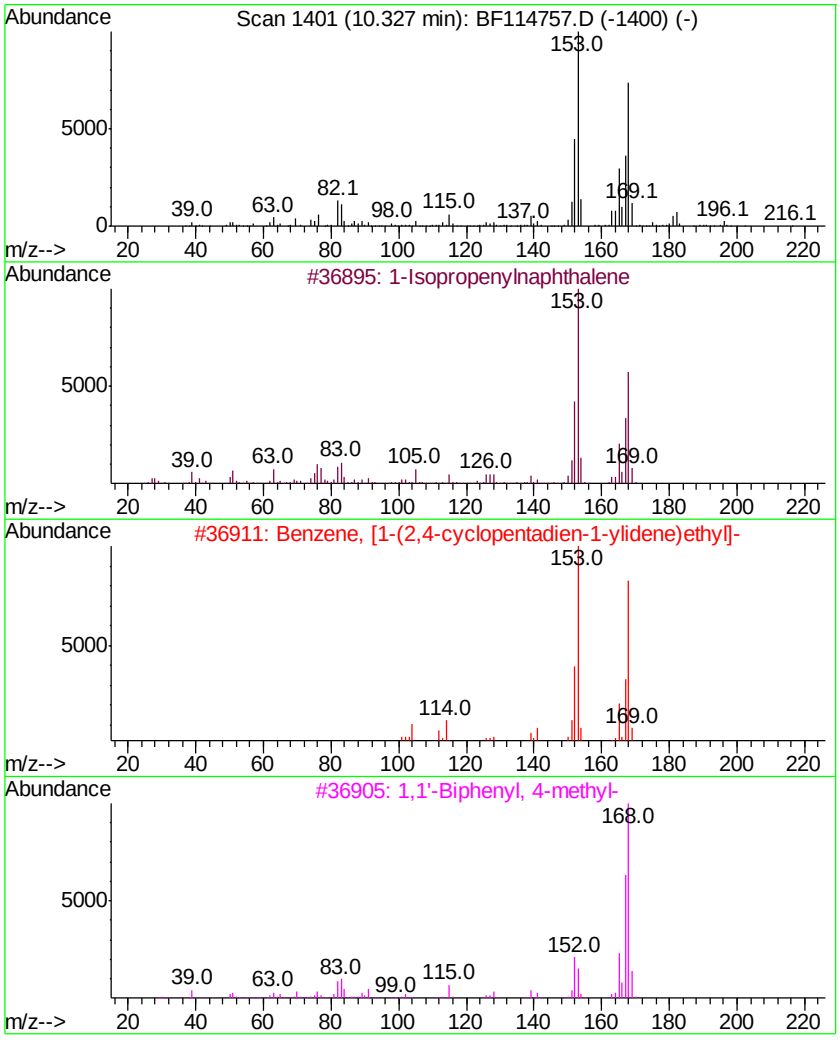
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

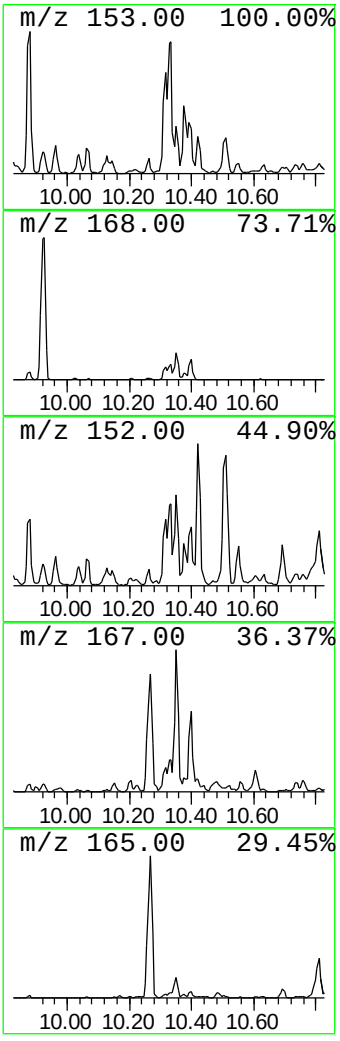
**********

Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.33 | 6.39 ng | 1111500 | Acenaphthene-d10 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Isopropenylnaphthalene | 168 | C13H12 | 001855-47-6 | 81 |
| 2 | Benzene, [1-(2,4-cyclopentadien-... | 168 | C13H12 | 002320-32-3 | 74 |
| 3 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 47 |
| 4 | Naphthalene, 2-(1-methylethenyl)- | 168 | C13H12 | 003710-23-4 | 47 |
| 5 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 38 |



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Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

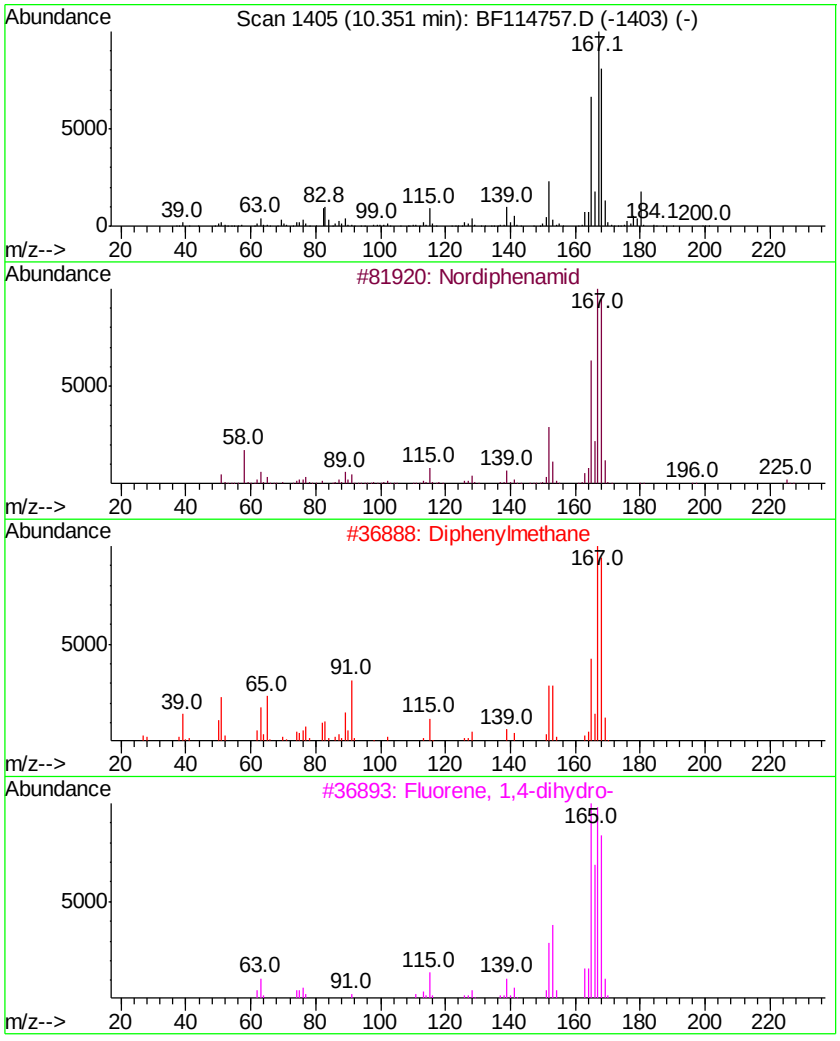
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

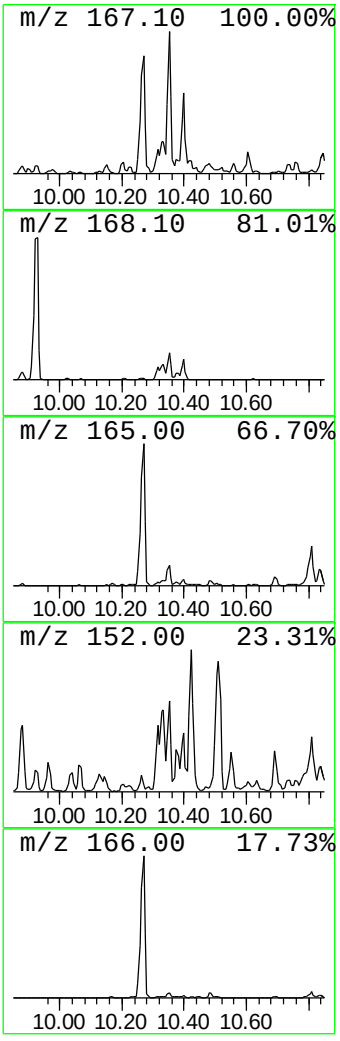
**********

Peak Number 7 Nordiphenamid Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.35 | 10.93 ng | 1901020 | Acenaphthene-d10 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nordiphenamid | 225 | C15H15NO | 000954-21-2 | 86 |
| 2 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 76 |
| 3 | Fluorene, 1,4-dihydro- | 168 | C13H12 | 041593-21-9 | 64 |
| 4 | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12 | 000643-93-6 | 60 |
| 5 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 49 |



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Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

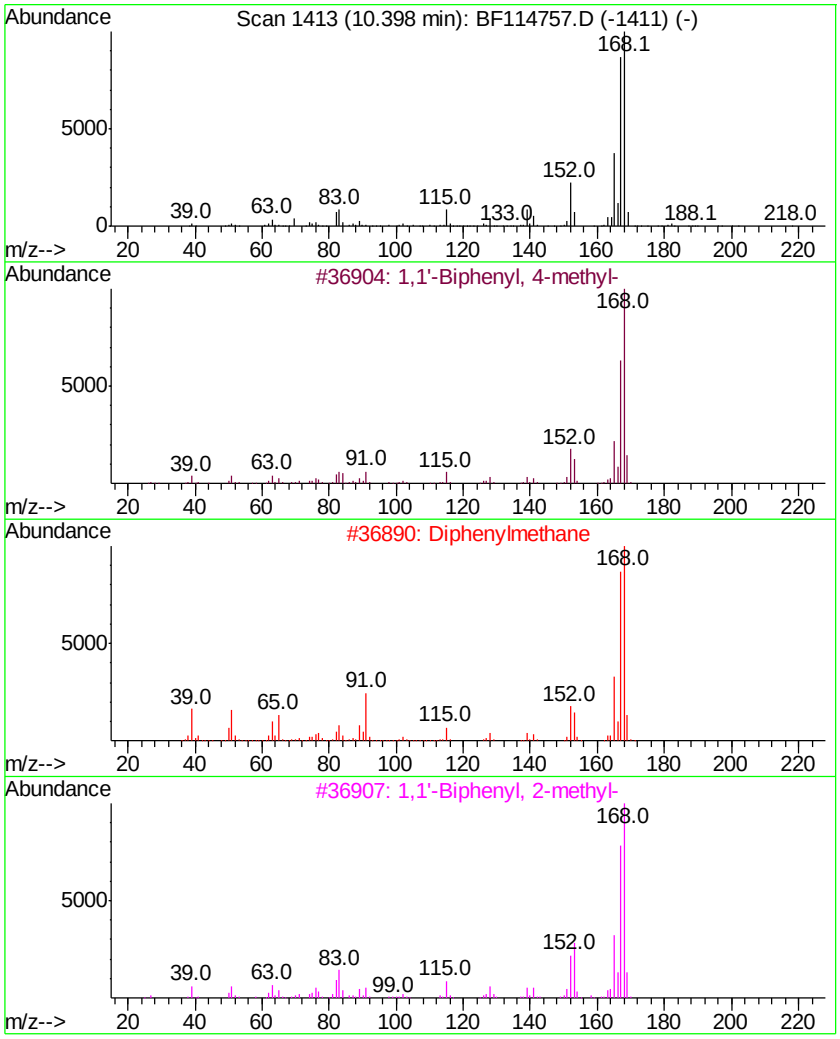
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

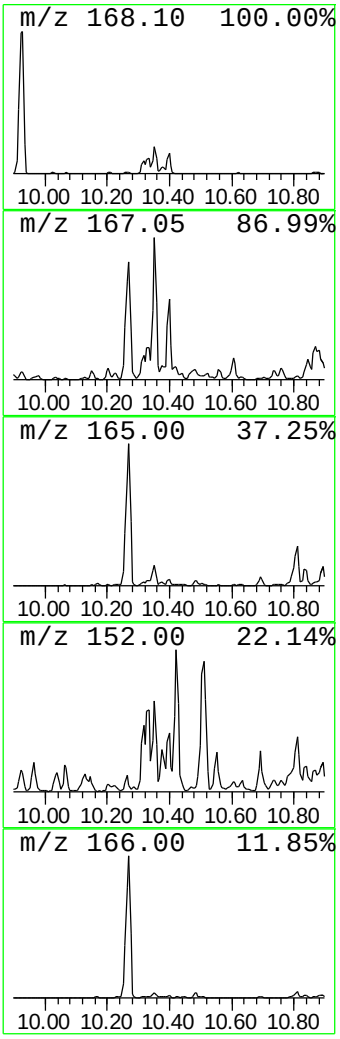
**********

Peak Number 8 1,1'-Biphenyl, 4-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.40 | 6.59 ng | 1146330 | Acenaphthene-d10 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 83 |
| 2 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 80 |
| 3 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 72 |
| 4 | Benzeneethanol, .alpha.,.alpha.,... | 350 | C26H22O | 000981-24-8 | 64 |
| 5 | Benzene, 1,1'-(bromomethylene)bis- | 246 | C13H11Br | 000776-74-9 | 52 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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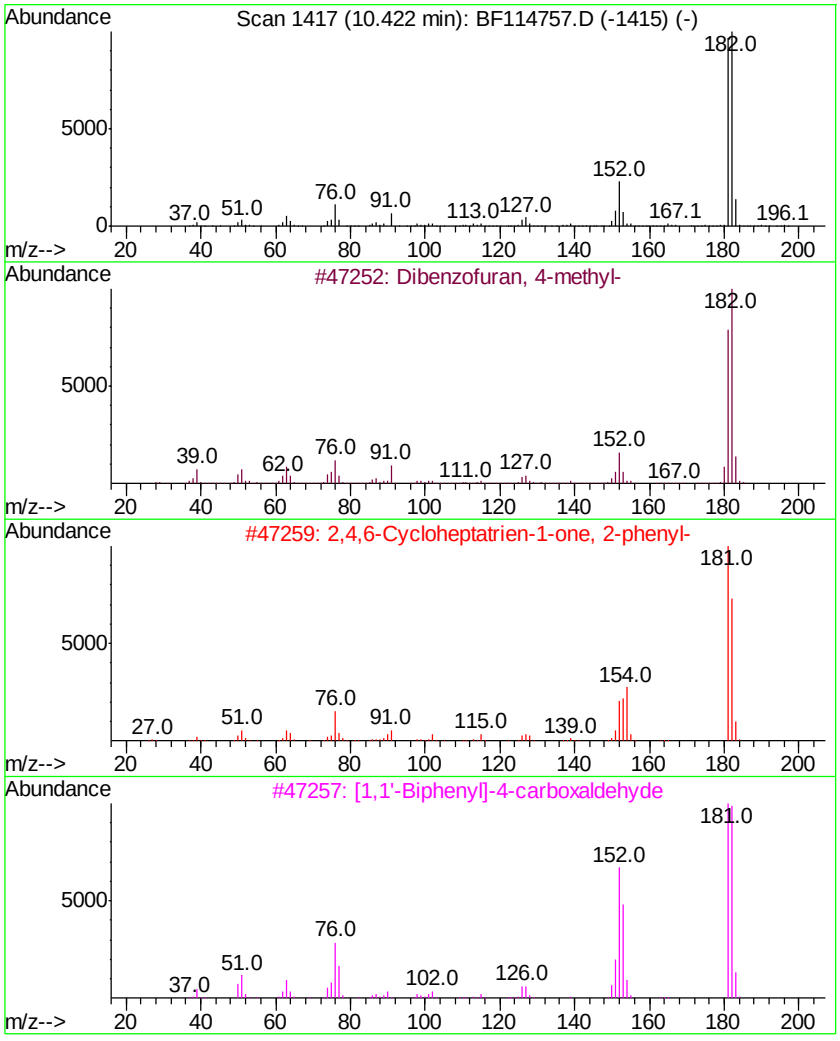
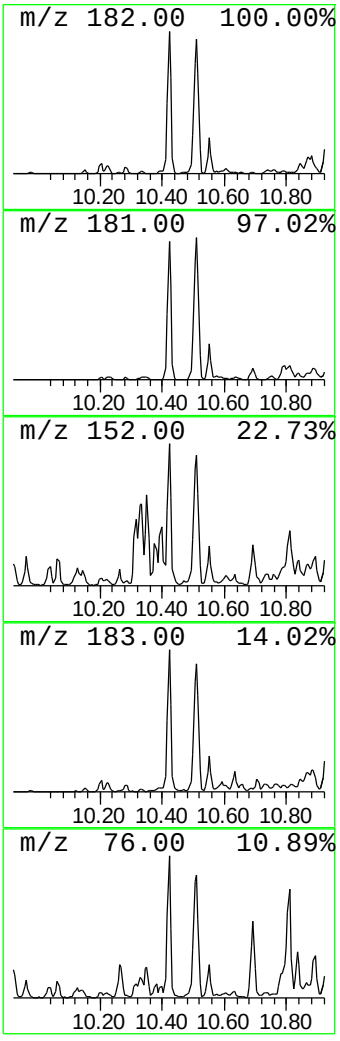
Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.42 | 15.82 ng | 2751430 | Acenaphthene-d10 | 9.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 93 |
| 2 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 87 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 78 |
| 4 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 78 |
| 5 | 9H-Xanthene | 182 | C13H10O | 000092-83-1 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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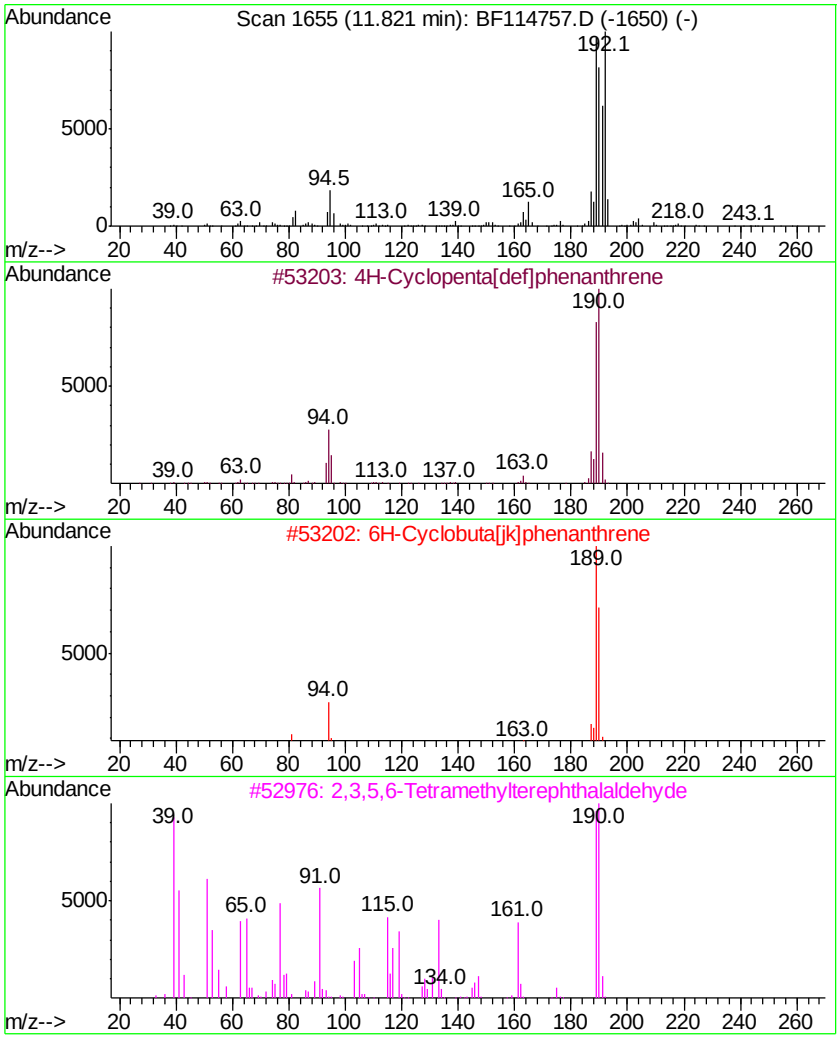
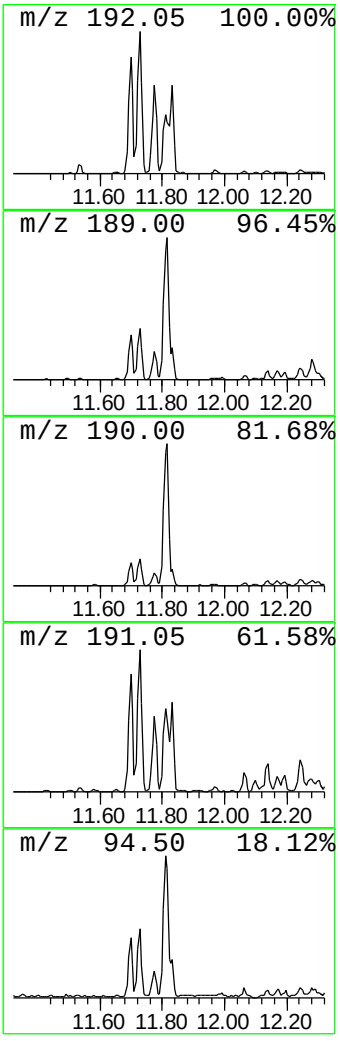
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.82 | 8.24 ng | 9710400 | Phenanthrene-d10 | 11.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 76 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 59 |
| 3 | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 47 |
| 4 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 45 |
| 5 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 42 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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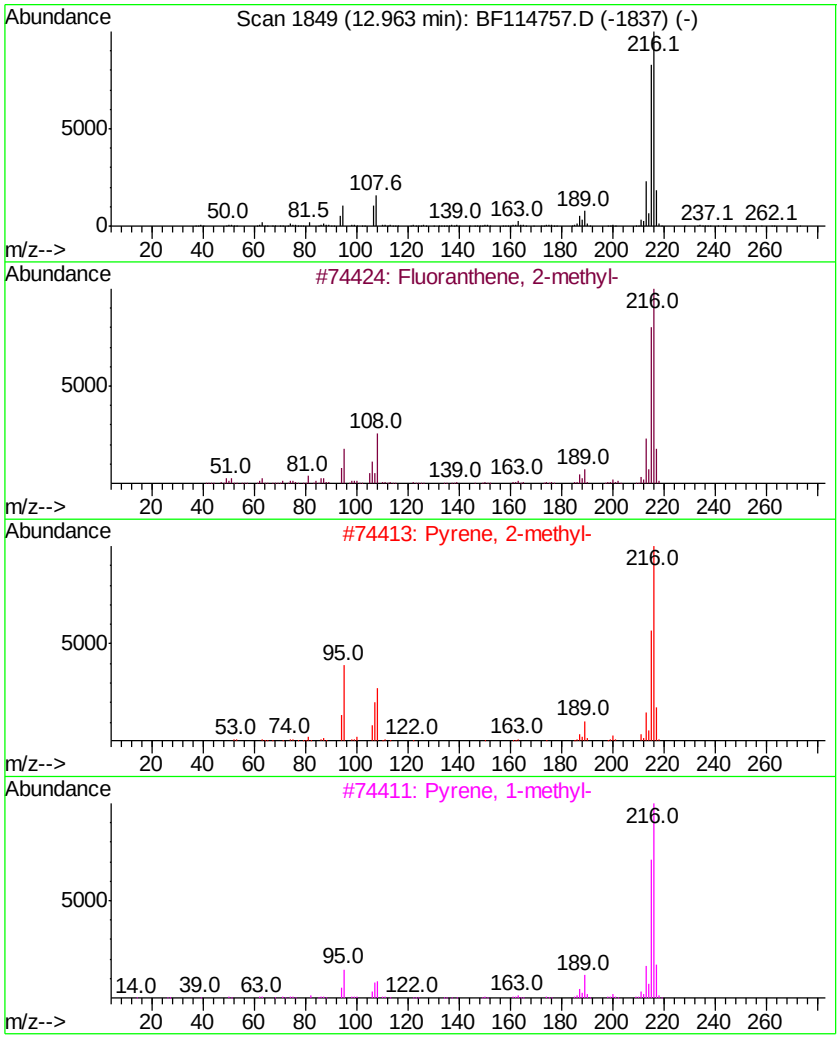
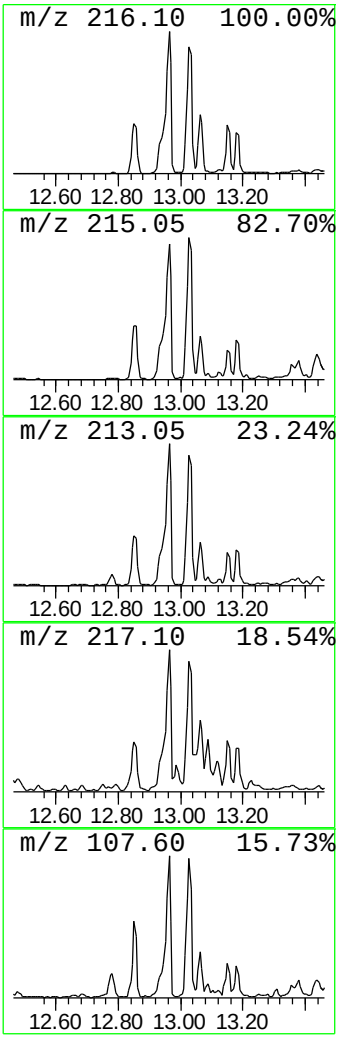
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.96 | 12.66 ng | 10899500 | Chrysene-d12 | 13.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 95 |
| 2 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 95 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 93 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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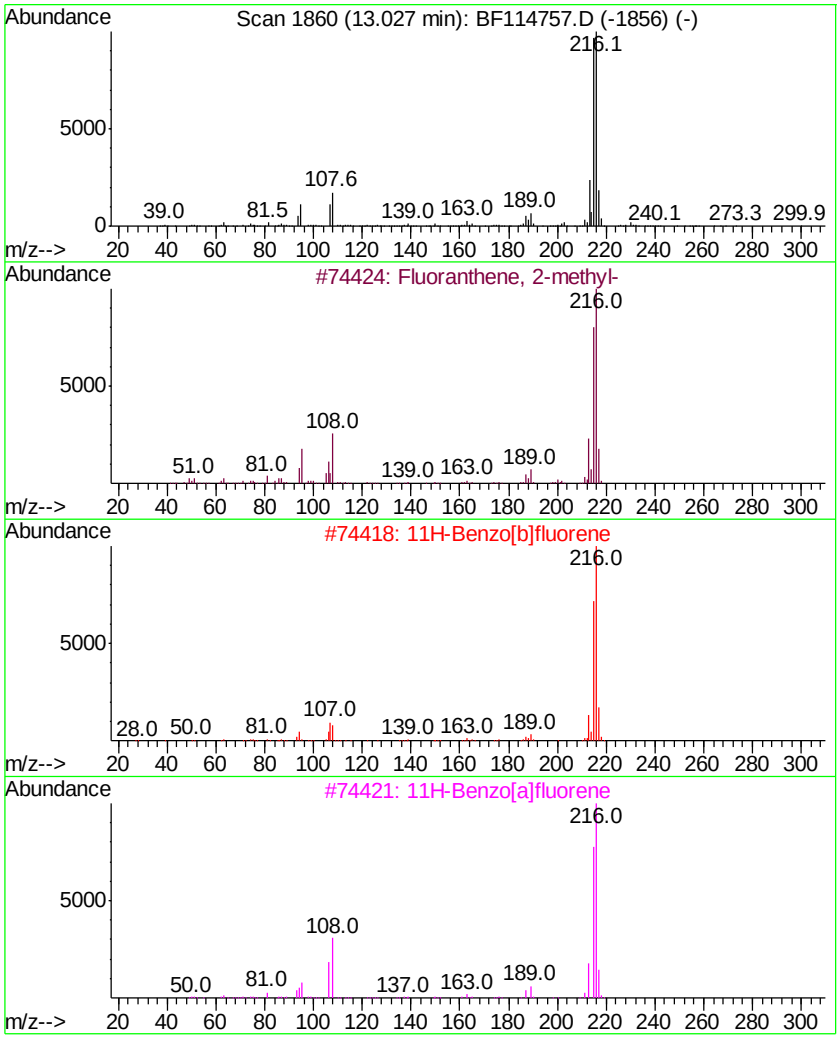
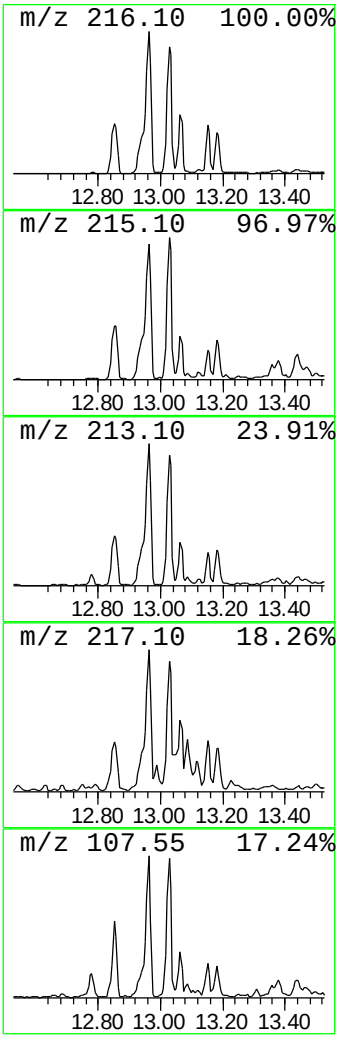
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.03 | 8.73 ng | 7514270 | Chrysene-d12 | 13.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 95 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 83 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 81 |



# Library Search Compound Report

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Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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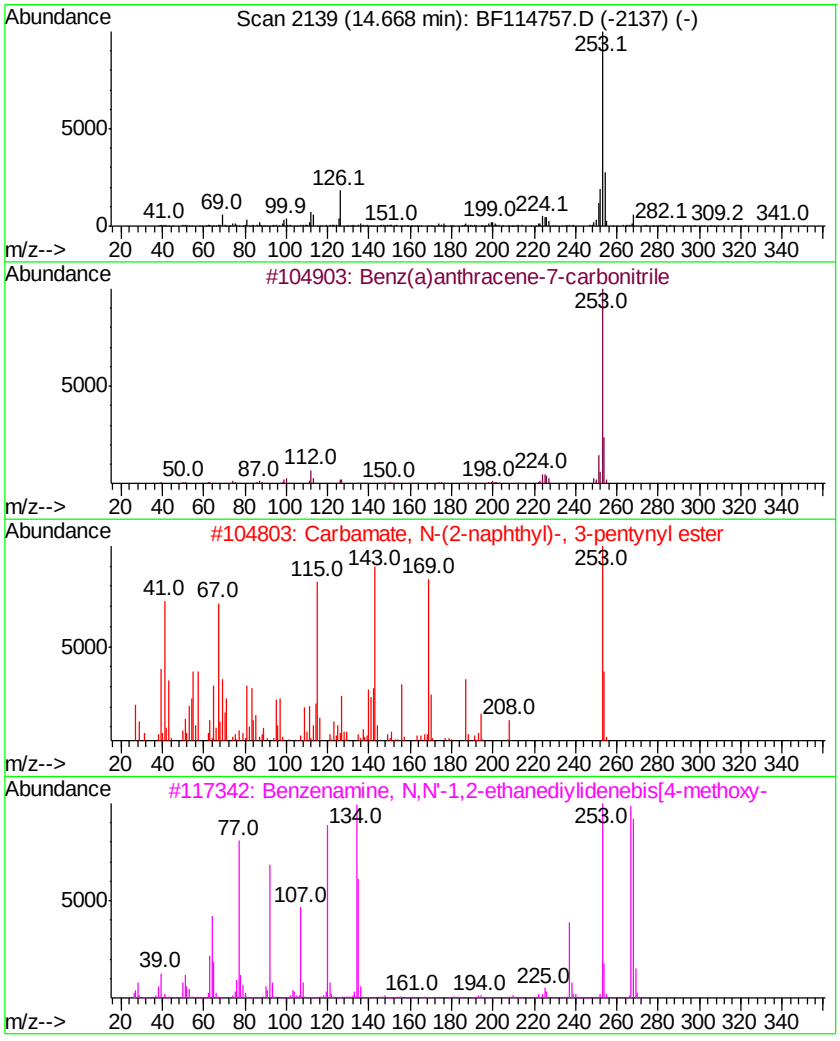
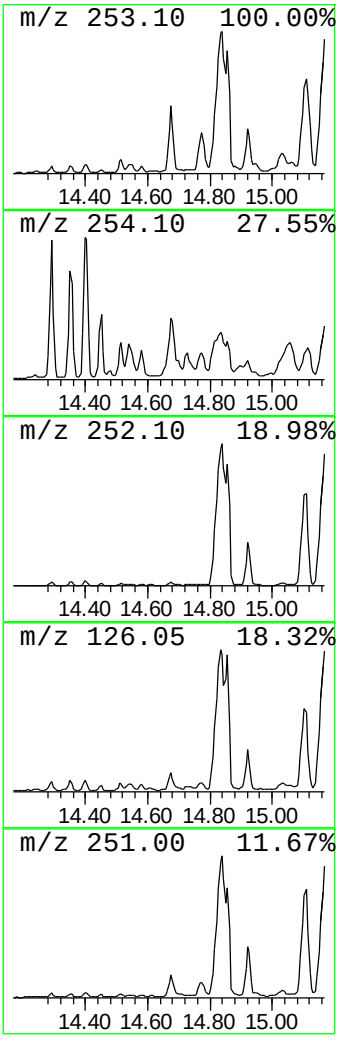
Peak Number 13 Benz(a)anthracene-7-carboni... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.67 | 8.94 ng | 1313240 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benz(a)anthracene-7-carbonitrile | 253 | C19H11N | 007476-08-6 | 96 |
| 2 | Carbamate, N-(2-naphthyl)-, 3-pe... | 253 | C16H15NO2 | 1000197-96-0 | 52 |
| 3 | Benzenamine, N,N'-1,2-ethanediyl... | 268 | C16H16N2O2 | 024764-91-8 | 47 |
| 4 | 6-(2-Formylhydrazino)-N,N'-bis(i... | 253 | C10H19N7O | 084305-82-8 | 38 |
| 5 | 1,1'-Binaphthalene | 254 | C20H14 | 000604-53-5 | 36 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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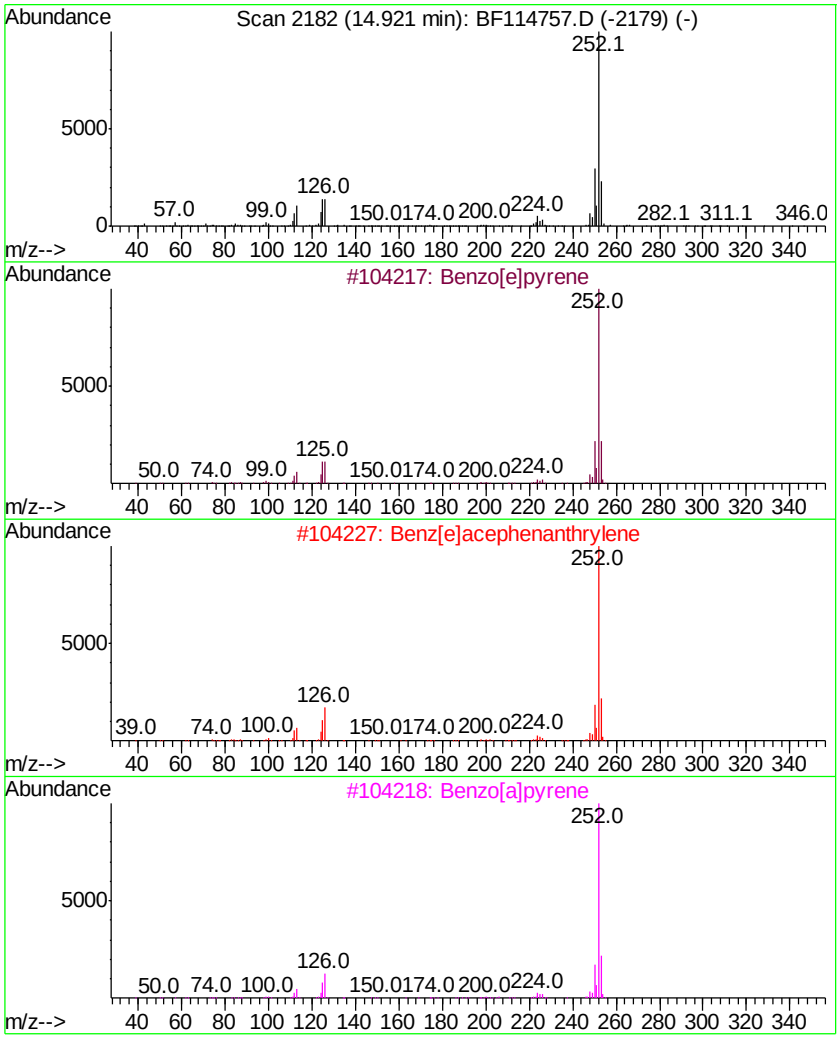
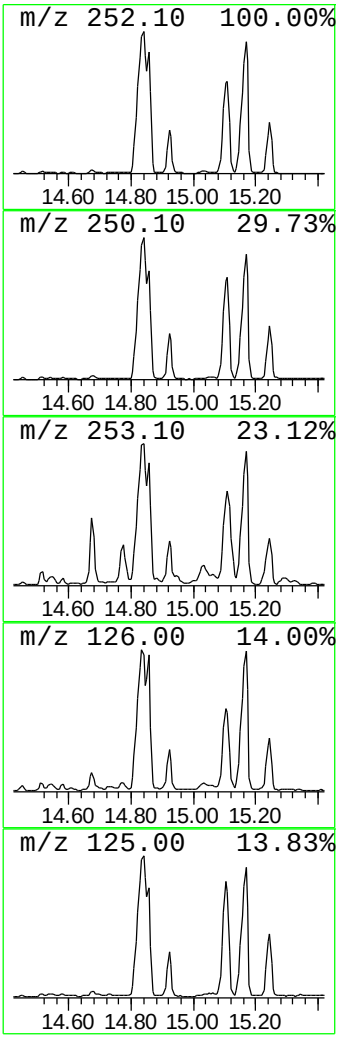
Peak Number 14 Benzo[e]pyrene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.92 | 14.71 ng | 2162050 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 94 |
| 2 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 93 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 90 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 87 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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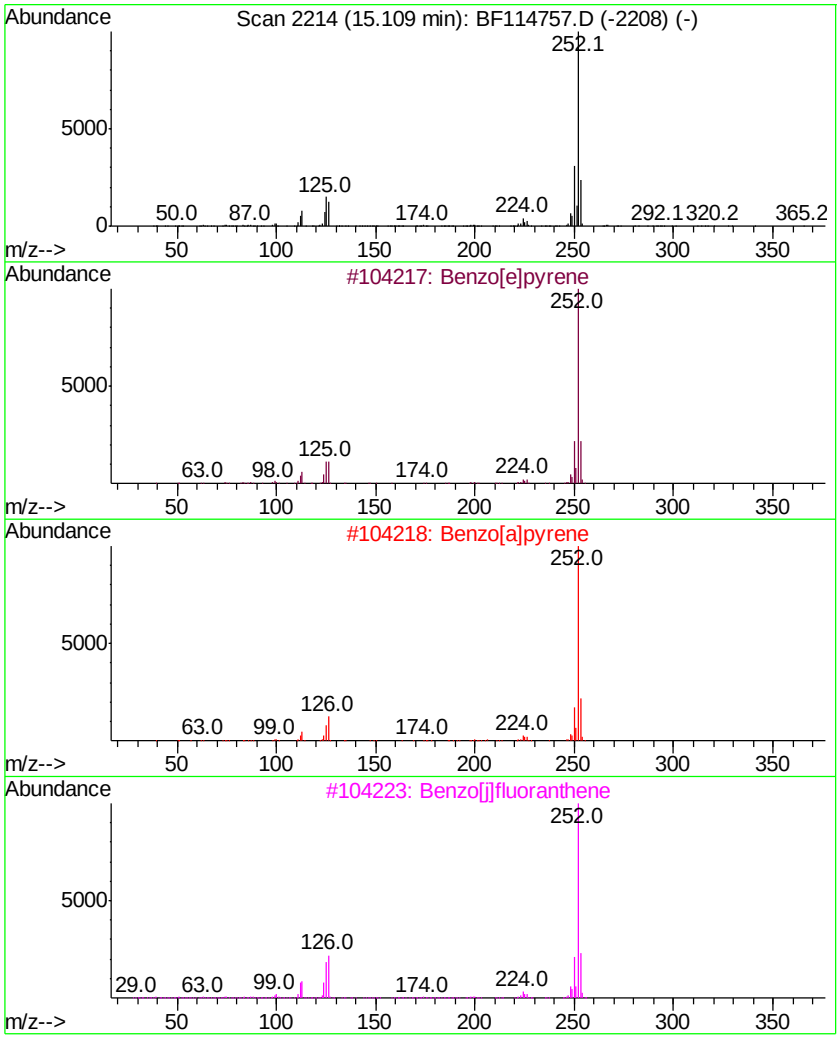
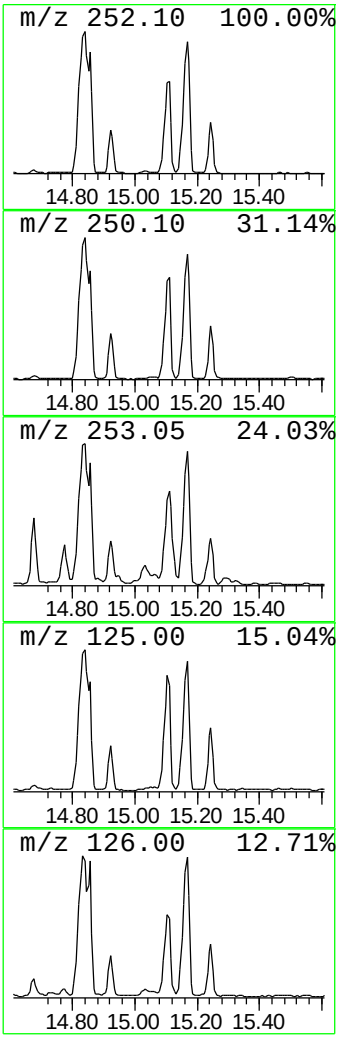
Peak Number 15 Benzo[j]fluoranthene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.11 | 53.50 ng | 7860850 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 94 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |
| 3 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 90 |
| 4 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 90 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 89 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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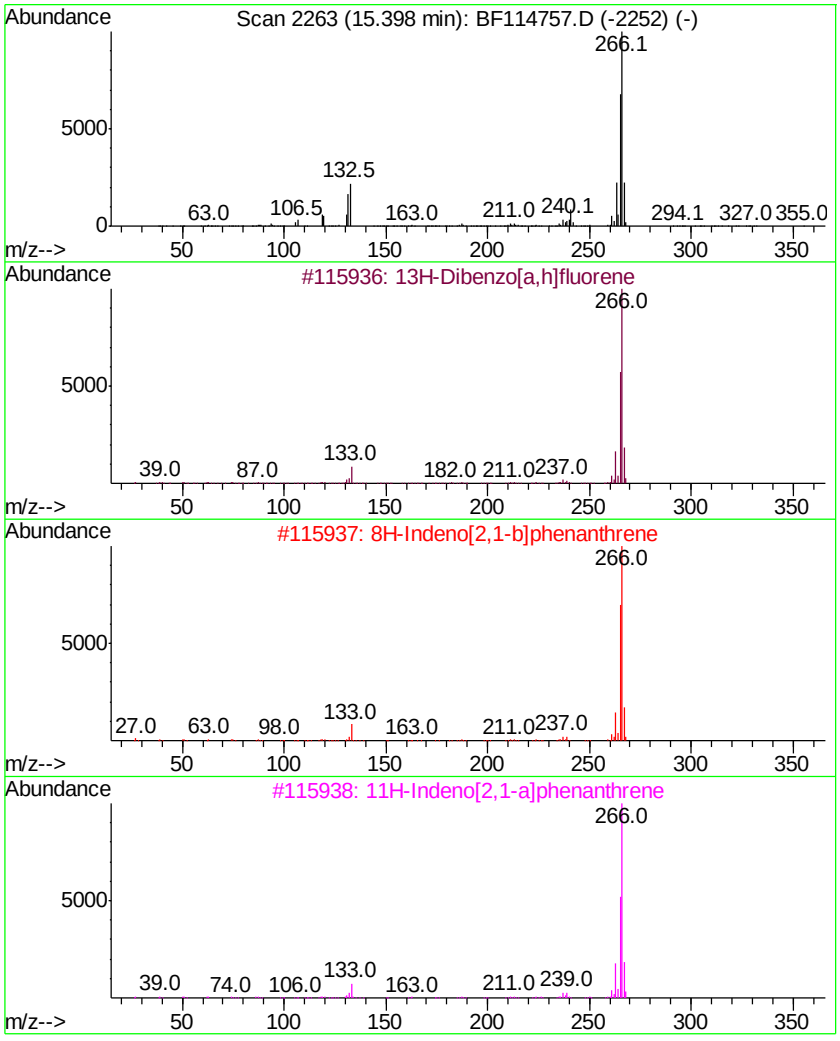
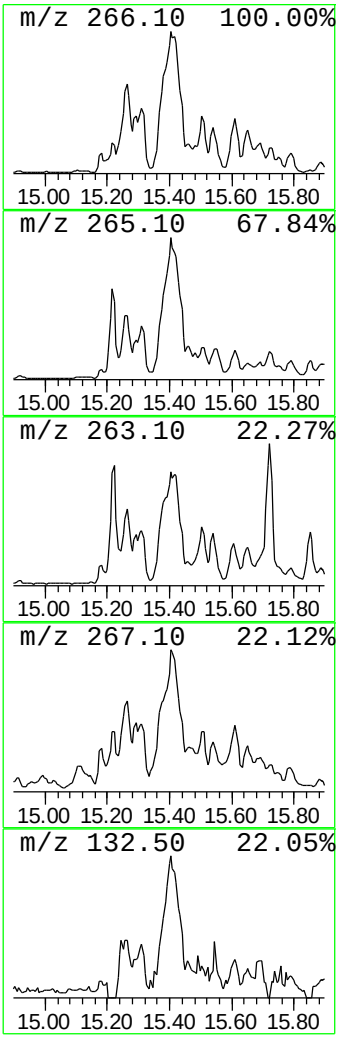
Peak Number 16 13H-Dibenzo[a,h]fluorene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.40 | 34.38 ng | 5051600 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 13H-Dibenzo[a,h]fluorene | 266 | C21H14 | 000239-85-0 | 96 |
| 2 | 8H-Indeno[2,1-b]phenanthrene | 266 | C21H14 | 000241-28-1 | 95 |
| 3 | 11H-Indeno[2,1-a]phenanthrene | 266 | C21H14 | 000220-97-3 | 89 |
| 4 | Thiazole, 4-phenyl-2-(4-tolylami... | 266 | C16H14N2S | 016098-04-7 | 53 |
| 5 | Benz[j]aceanthrylene, 3-methyl- | 266 | C21H14 | 003343-10-0 | 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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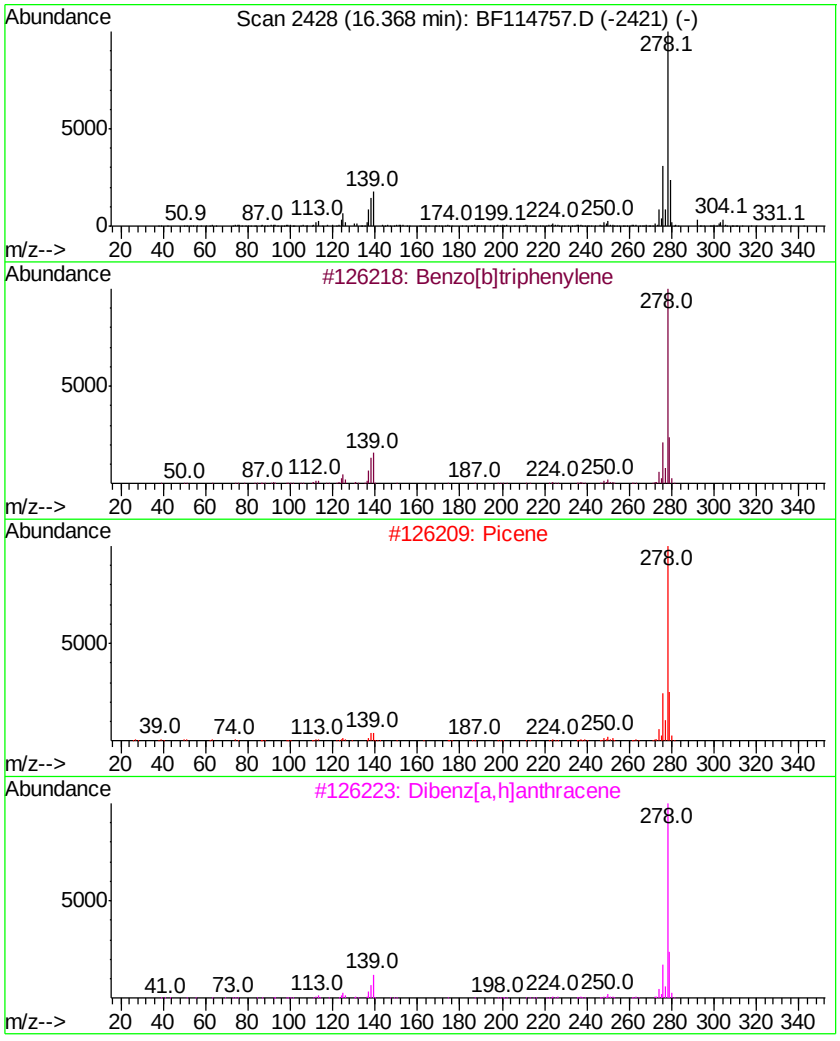
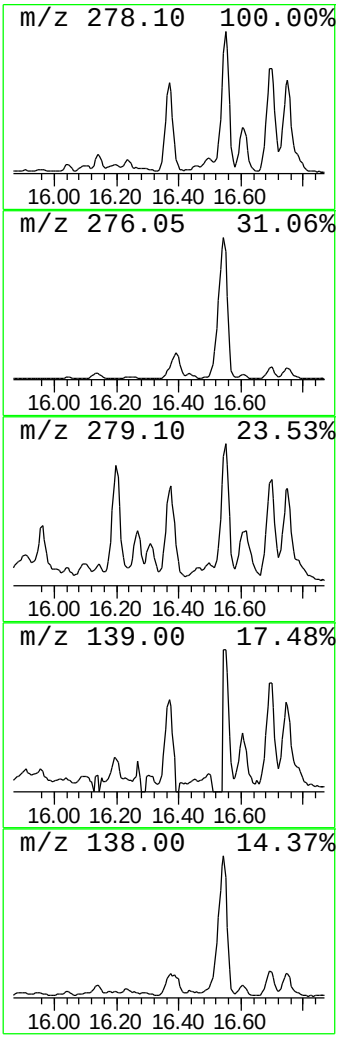
Peak Number 17 Benzo[b]triphenylene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.37 | 13.81 ng | 2029360 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]triphenylene | 278 | C22H14 | 000215-58-7 | 98 |
| 2 | Picene | 278 | C22H14 | 000213-46-7 | 96 |
| 3 | Dibenz[a,h]anthracene | 278 | C22H14 | 000053-70-3 | 96 |
| 4 | Pyrene, 1-phenyl- | 278 | C22H14 | 005101-27-9 | 93 |
| 5 | Naphtho[1,2-a]anthracene | 278 | C22H14 | 000195-06-2 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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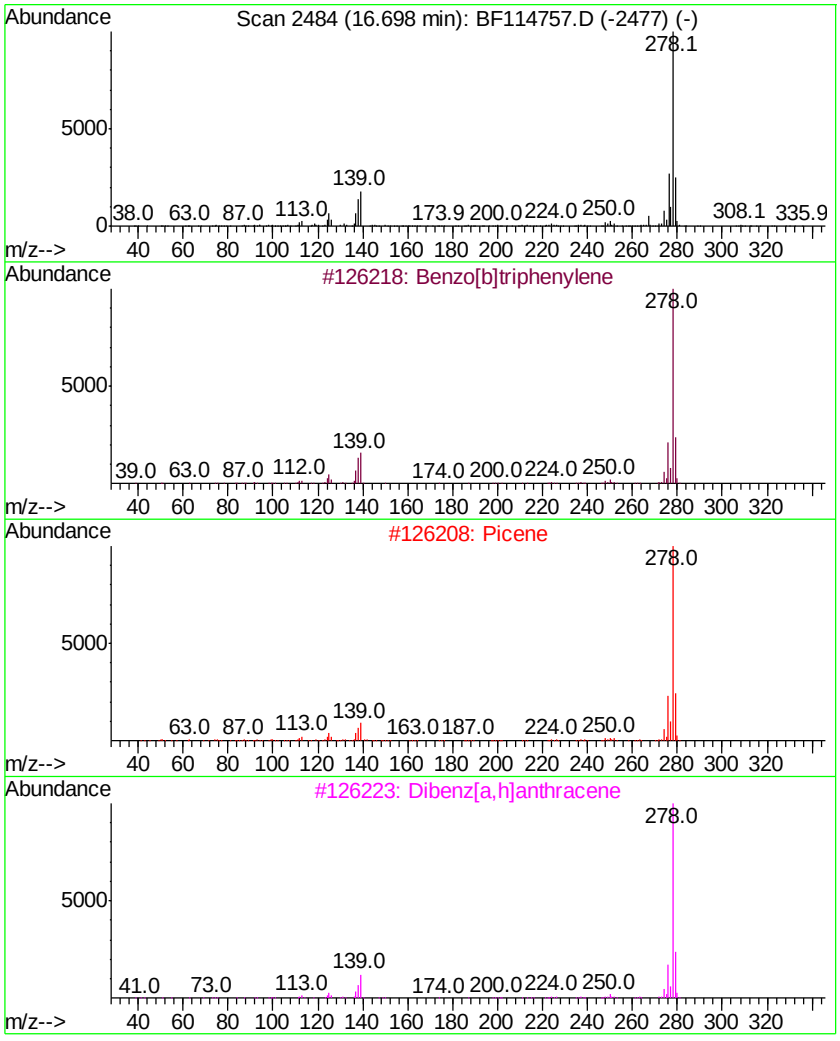
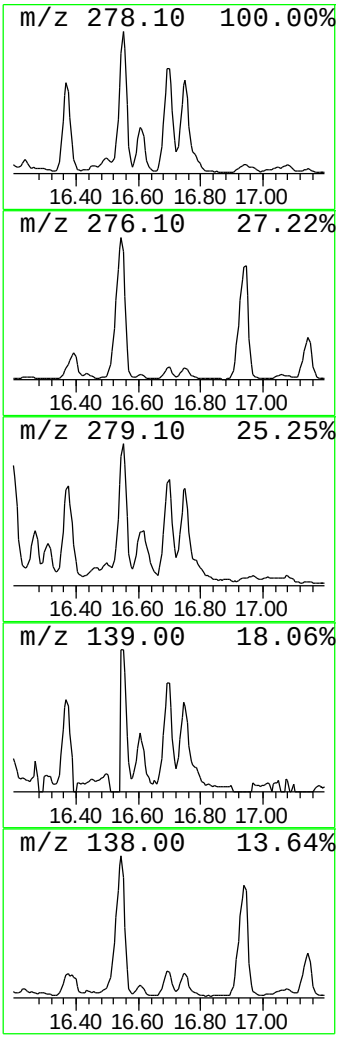
Peak Number 18 Picene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.70 | 11.66 ng | 1713480 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]triphenylene | 278 | C22H14 | 000215-58-7 | 99 |
| 2 | Picene | 278 | C22H14 | 000213-46-7 | 99 |
| 3 | Dibenz[a,h]anthracene | 278 | C22H14 | 000053-70-3 | 98 |
| 4 | Pentaphene | 278 | C22H14 | 000222-93-5 | 93 |
| 5 | Benzo[b]chrysene | 278 | C22H14 | 000214-17-5 | 93 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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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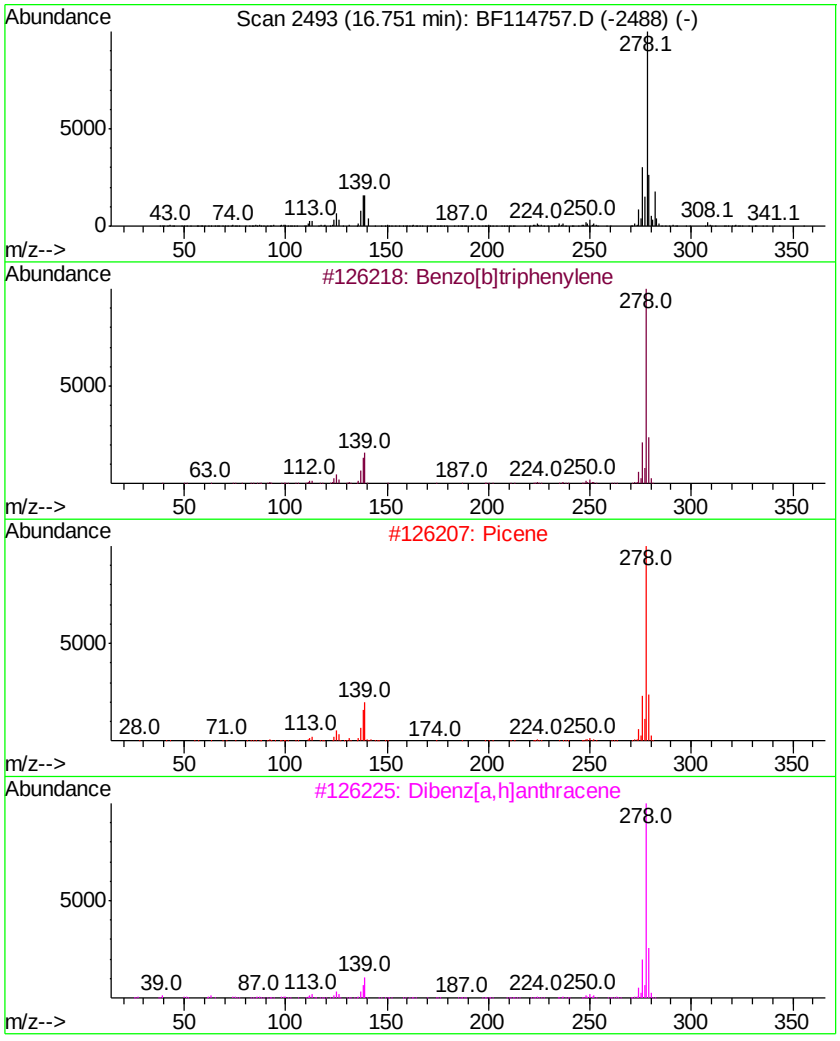
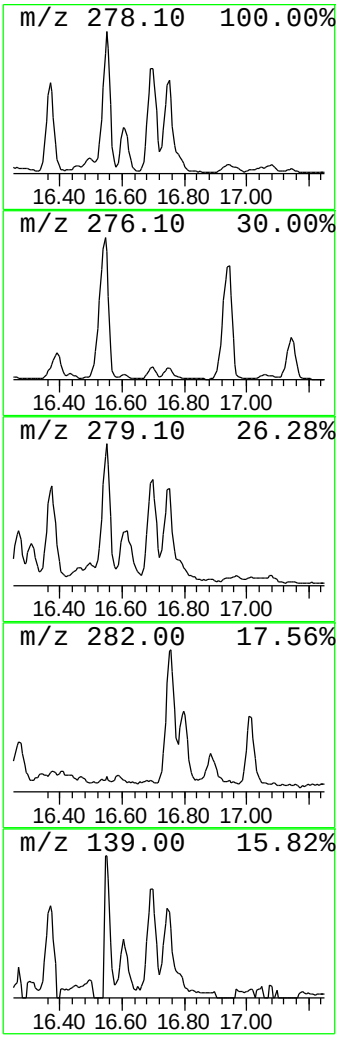
Peak Number 19 Pentaphene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.75 | 16.30 ng | 2394330 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]triphenylene | 278 | C22H14 | 000215-58-7 | 98 |
| 2 | Picene | 278 | C22H14 | 000213-46-7 | 97 |
| 3 | Dibenz[a,h]anthracene | 278 | C22H14 | 000053-70-3 | 96 |
| 4 | Pentaphene | 278 | C22H14 | 000222-93-5 | 95 |
| 5 | Benzo[b]chrysene | 278 | C22H14 | 000214-17-5 | 95 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

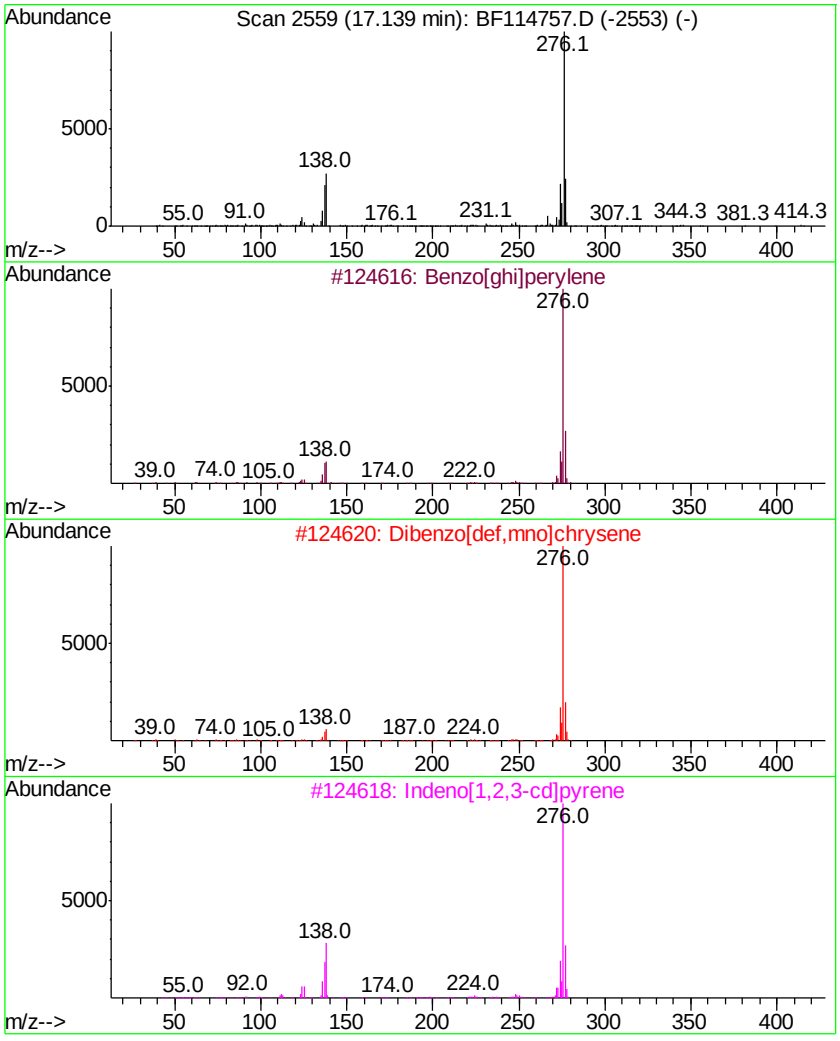
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

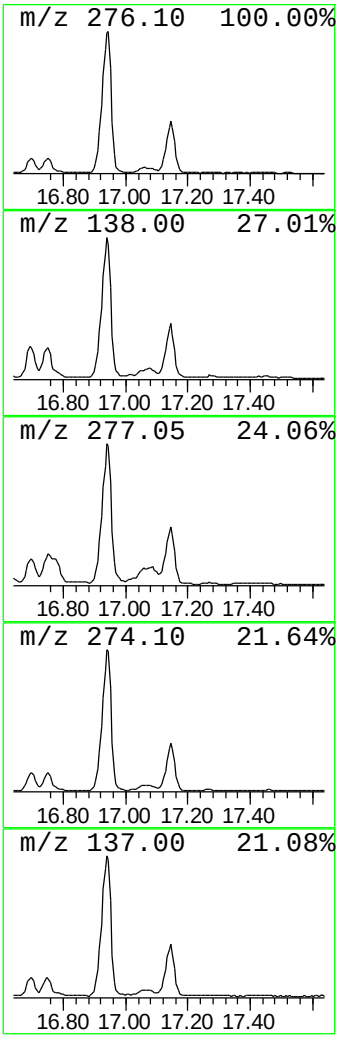
**********

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.14 | 17.69 ng | 2598660 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[ghi]perylene | 276 | C22H12 | 000191-24-2 | 93 |
| 2 | Dibenzo[def,mno]chrysene | 276 | C22H12 | 000191-26-4 | 93 |
| 3 | Indeno[1,2,3-cd]pyrene | 276 | C22H12 | 000193-39-5 | 64 |
| 4 | 1H-Cyclopenta[4,5]pyrido[1,2-a]b... | 276 | C17H16N4 | 329707-31-5 | 40 |
| 5 | 2-Dodecyl-p-cresol | 276 | C19H32O | 025912-91-8 | 38 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\
Data File : BF114757.D
Acq On : 1 Jun 2019 15:19
Operator : HP/JU
Sample : K3097-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 0430-HR-10(HACKENSACK)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.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 |
| unknown6.46 | 6.46 | 84.2 | ng | 8876680 | 1 | 6.69 | 2108690 | 20.0 |
| Naphthalene, 2,6-... | 9.30 | 12.9 | ng | 2235940 | 3 | 9.72 | 3478470 | 20.0 |
| Naphthalene, 2,7-... | 9.38 | 13.6 | ng | 2356910 | 3 | 9.72 | 3478470 | 20.0 |
| Naphthalene, 2,3-... | 9.50 | 7.5 | ng | 1312230 | 3 | 9.72 | 3478470 | 20.0 |
| 1-Isopropenylnaph... | 10.33 | 6.4 | ng | 1111500 | 3 | 9.72 | 3478470 | 20.0 |
| Nordiphenamid | 10.35 | 10.9 | ng | 1901020 | 3 | 9.72 | 3478470 | 20.0 |
| 1,1'-Biphenyl, 4-... | 10.40 | 6.6 | ng | 1146330 | 3 | 9.72 | 3478470 | 20.0 |
| Dibenzofuran, 4-m... | 10.42 | 15.8 | ng | 2751430 | 3 | 9.72 | 3478470 | 20.0 |
| 4H-Cyclopenta[def... | 11.82 | 8.2 | ng | 9710400 | 4 | 11.20 | 23580400 | 20.0 |
| Fluoranthene, 2-m... | 12.96 | 12.7 | ng | 10899500 | 5 | 13.83 | 17220300 | 20.0 |
| 11H-Benzo[b]fluorene | 13.03 | 8.7 | ng | 7514270 | 5 | 13.83 | 17220300 | 20.0 |
| Benz(a)anthracene... | 14.67 | 8.9 | ng | 1313240 | 6 | 15.22 | 2938690 | 20.0 |
| Benzo[e]pyrene | 14.92 | 14.7 | ng | 2162050 | 6 | 15.22 | 2938690 | 20.0 |
| Benzo[j]fluoranthene | 15.11 | 53.5 | ng | 7860850 | 6 | 15.22 | 2938690 | 20.0 |
| 13H-Dibenzo[a,h]f... | 15.40 | 34.4 | ng | 5051600 | 6 | 15.22 | 2938690 | 20.0 |
| Benzo[b]triphenylene | 16.37 | 13.8 | ng | 2029360 | 6 | 15.22 | 2938690 | 20.0 |
| Picene | 16.70 | 11.7 | ng | 1713480 | 6 | 15.22 | 2938690 | 20.0 |
| Pentaphene | 16.75 | 16.3 | ng | 2394330 | 6 | 15.22 | 2938690 | 20.0 |
| Dibenzo[def,mno]c... | 17.14 | 17.7 | ng | 2598660 | 6 | 15.22 | 2938690 | 20.0 |