LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 | 4.875 | 471 | 474 | 483 | rBV | 143206 | 170373 | 4.66% | 0.307% |
| 2 | 5.299 | 541 | 546 | 549 | rBV | 2164038 | 2054764 | 56.20% | 3.699% |
| 3 | 6.340 | 718 | 723 | 726 | rBV | 2167053 | 2162262 | 59.15% | 3.893% |
| 4 | 6.463 | 740 | 744 | 748 | rBV | 2183316 | 2071278 | 56.66% | 3.729% |
| 5 | 6.693 | 780 | 783 | 788 | rBV | 800004 | 656988 | 17.97% | 1.183% |
| 6 | 6.851 | 806 | 810 | 813 | rBV | 1647126 | 1433213 | 39.20% | 2.580% |
| 7 | 7.263 | 871 | 880 | 883 | rBV | 1396288 | 1320131 | 36.11% | 2.377% |
| 8 | 7.975 | 996 | 1001 | 1004 | rBV | 933934 | 883115 | 24.16% | 1.590% |
| 9 | 7.998 | 1004 | 1005 | 1008 | rVB | 145172 | 76188 | 2.08% | 0.137% |
| 10 | 8.539 | 1093 | 1097 | 1100 | rBV | 200957 | 173508 | 4.75% | 0.312% |
| 11 | 8.692 | 1118 | 1123 | 1126 | rVB | 87024 | 77753 | 2.13% | 0.140% |
| 12 | 9.051 | 1180 | 1184 | 1188 | rBV | 1867036 | 1737584 | 47.53% | 3.128% |
| 13 | 9.322 | 1222 | 1230 | 1233 | rBV2 | 50424 | 74648 | 2.04% | 0.134% |
| 14 | 9.386 | 1238 | 1241 | 1244 | rVV | 93301 | 92764 | 2.54% | 0.167% |
| 15 | 9.451 | 1248 | 1252 | 1256 | rVV | 418516 | 348235 | 9.53% | 0.627% |
| 16 | 9.592 | 1270 | 1276 | 1280 | rBV | 292765 | 287656 | 7.87% | 0.518% |
| 17 | 9.728 | 1293 | 1299 | 1302 | rBV | 934705 | 896424 | 24.52% | 1.614% |
| 18 | 9.763 | 1302 | 1305 | 1308 | rVB | 239168 | 216039 | 5.91% | 0.389% |
| 19 | 9.934 | 1330 | 1334 | 1338 | rVV | 151357 | 152709 | 4.18% | 0.275% |
| 20 | 10.045 | 1349 | 1353 | 1355 | rBV3 | 70734 | 78602 | 2.15% | 0.142% |
| 21 | 10.139 | 1364 | 1369 | 1370 | rBV4 | 77811 | 101804 | 2.78% | 0.183% |
| 22 | 10.275 | 1389 | 1392 | 1398 | rVB | 311637 | 287186 | 7.86% | 0.517% |
| 23 | 10.339 | 1398 | 1403 | 1405 | rBV2 | 65503 | 86121 | 2.36% | 0.155% |
| 24 | 10.445 | 1416 | 1421 | 1427 | rVB2 | 590167 | 604080 | 16.52% | 1.088% |
| 25 | 10.516 | 1427 | 1433 | 1437 | rBV | 1128535 | 1096750 | 30.00% | 1.975% |
| 26 | 10.639 | 1450 | 1454 | 1458 | rBV4 | 134518 | 178102 | 4.87% | 0.321% |
| 27 | 10.822 | 1480 | 1485 | 1488 | rBV3 | 114513 | 143244 | 3.92% | 0.258% |
| 28 | 10.904 | 1496 | 1499 | 1502 | rVV2 | 66634 | 60856 | 1.66% | 0.110% |
| 29 | 10.951 | 1502 | 1507 | 1509 | rVV2 | 71458 | 94252 | 2.58% | 0.170% |
| 30 | 10.975 | 1509 | 1511 | 1516 | rVV | 86665 | 91285 | 2.50% | 0.164% |
| 31 | 11.022 | 1516 | 1519 | 1522 | rVB2 | 95062 | 90075 | 2.46% | 0.162% |
| 32 | 11.063 | 1523 | 1526 | 1529 | rVV | 77191 | 123986 | 3.39% | 0.223% |
| 33 | 11.110 | 1531 | 1534 | 1541 | rVB | 161052 | 175446 | 4.80% | 0.316% |
| 34 | 11.210 | 1548 | 1551 | 1553 | rBV | 708202 | 719758 | 19.69% | 1.296% |

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.239 | 1553 | 1556 | 1558 | rVV | 2331213 | 2031897 | 55.58% | 3.658% |
| 36 | 11.263 | 1558 | 1560 | 1562 | rVV | 347589 | 320785 | 8.77% | 0.578% |
| 37 | 11.286 | 1562 | 1564 | 1567 | rVB | 795981 | 598199 | 16.36% | 1.077% |
| 38 | 11.322 | 1567 | 1570 | 1573 | rBV2 | 131437 | 132014 | 3.61% | 0.238% |
| 39 | 11.386 | 1579 | 1581 | 1584 | rVB3 | 70561 | 63249 | 1.73% | 0.114% |
| 40 | 11.428 | 1584 | 1588 | 1589 | rBV2 | 69907 | 76202 | 2.08% | 0.137% |
| 41 | 11.445 | 1589 | 1591 | 1593 | rVB | 229122 | 160236 | 4.38% | 0.288% |
| 42 | 11.510 | 1599 | 1602 | 1604 | rBV | 124862 | 98357 | 2.69% | 0.177% |
| 43 | 11.539 | 1604 | 1607 | 1612 | rVB2 | 117547 | 131943 | 3.61% | 0.238% |
| 44 | 11.628 | 1619 | 1622 | 1626 | rVB | 58694 | 68614 | 1.88% | 0.124% |
| 45 | 11.716 | 1633 | 1637 | 1639 | rBV | 423087 | 407047 | 11.13% | 0.733% |
| 46 | 11.739 | 1639 | 1641 | 1645 | rVB | 542464 | 479867 | 13.13% | 0.864% |
| 47 | 11.786 | 1645 | 1649 | 1652 | rBV2 | 235954 | 264388 | 7.23% | 0.476% |
| 48 | 11.828 | 1652 | 1656 | 1658 | rBV2 | 774337 | 829733 | 22.70% | 1.494% |
| 49 | 11.922 | 1669 | 1672 | 1674 | rVV2 | 78719 | 74459 | 2.04% | 0.134% |
| 50 | 11.945 | 1674 | 1676 | 1679 | rVV | 66439 | 59688 | 1.63% | 0.107% |
| 51 | 12.010 | 1684 | 1687 | 1689 | rVV | 329658 | 291240 | 7.97% | 0.524% |
| 52 | 12.033 | 1689 | 1691 | 1694 | rVB | 277820 | 259675 | 7.10% | 0.468% |
| 53 | 12.157 | 1710 | 1712 | 1715 | rVB | 98424 | 78982 | 2.16% | 0.142% |
| 54 | 12.186 | 1715 | 1717 | 1719 | rBV | 121125 | 99830 | 2.73% | 0.180% |
| 55 | 12.210 | 1719 | 1721 | 1725 | rVB | 91113 | 75864 | 2.08% | 0.137% |
| 56 | 12.263 | 1726 | 1730 | 1732 | rBV | 280384 | 302809 | 8.28% | 0.545% |
| 57 | 12.298 | 1733 | 1736 | 1739 | rVV2 | 172189 | 226808 | 6.20% | 0.408% |
| 58 | 12.351 | 1742 | 1745 | 1750 | rBV3 | 179571 | 223061 | 6.10% | 0.402% |
| 59 | 12.433 | 1753 | 1759 | 1762 | rBV | 3221126 | 3386812 | 92.64% | 6.098% |
| 60 | 12.469 | 1762 | 1765 | 1767 | rBV2 | 100143 | 105577 | 2.89% | 0.190% |
| 61 | 12.516 | 1771 | 1773 | 1776 | rVB | 125239 | 108178 | 2.96% | 0.195% |
| 62 | 12.569 | 1779 | 1782 | 1784 | rBV3 | 109253 | 123952 | 3.39% | 0.223% |
| 63 | 12.663 | 1791 | 1798 | 1801 | rBV2 | 2536594 | 3655850 | 100.00% | 6.582% |
| 64 | 12.769 | 1813 | 1816 | 1818 | rBV | 253118 | 249206 | 6.82% | 0.449% |
| 65 | 12.798 | 1818 | 1821 | 1827 | rVB2 | 1186839 | 1269523 | 34.73% | 2.286% |
| 66 | 12.874 | 1828 | 1834 | 1837 | rBV2 | 312060 | 502179 | 13.74% | 0.904% |
| 67 | 12.927 | 1841 | 1843 | 1845 | rBV2 | 66327 | 73387 | 2.01% | 0.132% |
| 68 | 12.957 | 1845 | 1848 | 1849 | rVV2 | 264205 | 276294 | 7.56% | 0.497% |
| 69 | 12.980 | 1849 | 1852 | 1855 | rVB | 808964 | 769544 | 21.05% | 1.385% |
| 70 | 13.045 | 1860 | 1863 | 1866 | rVB | 625496 | 587746 | 16.08% | 1.058% |
| 71 | 13.086 | 1866 | 1870 | 1872 | rBV2 | 427740 | 477397 | 13.06% | 0.859% |

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

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:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 13.139 | 1877 | 1879 | 1882 | rBV2 | 92687 | 101751 | 2.78% | 0.183% |
| 73 | 13.174 | 1882 | 1885 | 1888 | rVB | 237310 | 182696 | 5.00% | 0.329% |
| 74 | 13.204 | 1888 | 1890 | 1894 | rBV2 | 243471 | 233788 | 6.39% | 0.421% |
| 75 | 13.274 | 1899 | 1902 | 1905 | rBV | 139981 | 125687 | 3.44% | 0.226% |
| 76 | 13.463 | 1931 | 1934 | 1936 | rBV2 | 130300 | 170226 | 4.66% | 0.306% |
| 77 | 13.486 | 1936 | 1938 | 1942 | rVB | 197340 | 231063 | 6.32% | 0.416% |
| 78 | 13.598 | 1954 | 1957 | 1959 | rBV | 319750 | 307269 | 8.40% | 0.553% |
| 79 | 13.621 | 1959 | 1961 | 1964 | rVV | 300679 | 330866 | 9.05% | 0.596% |
| 80 | 13.651 | 1964 | 1966 | 1971 | rVV2 | 263202 | 388619 | 10.63% | 0.700% |
| 81 | 13.698 | 1971 | 1974 | 1977 | rVB | 275696 | 261948 | 7.17% | 0.472% |
| 82 | 13.845 | 1993 | 1999 | 2002 | rBV3 | 1897805 | 3073214 | 84.06% | 5.533% |
| 83 | 13.880 | 2002 | 2005 | 2011 | rVB | 1818077 | 1784389 | 48.81% | 3.213% |
| 84 | 13.957 | 2015 | 2018 | 2020 | rVB | 291553 | 241356 | 6.60% | 0.435% |
| 85 | 13.992 | 2022 | 2024 | 2027 | rVV | 138978 | 137363 | 3.76% | 0.247% |
| 86 | 14.045 | 2030 | 2033 | 2034 | rVV | 122842 | 93718 | 2.56% | 0.169% |
| 87 | 14.198 | 2056 | 2059 | 2061 | rBV2 | 171006 | 177663 | 4.86% | 0.320% |
| 88 | 14.233 | 2063 | 2065 | 2068 | rVV | 414031 | 398707 | 10.91% | 0.718% |
| 89 | 14.269 | 2068 | 2071 | 2075 | rVV | 220440 | 245814 | 6.72% | 0.443% |
| 90 | 14.327 | 2079 | 2081 | 2084 | rVV2 | 257958 | 280656 | 7.68% | 0.505% |
| 91 | 14.357 | 2084 | 2086 | 2088 | rVV | 265830 | 260998 | 7.14% | 0.470% |
| 92 | 14.380 | 2088 | 2090 | 2093 | rVB | 301257 | 245793 | 6.72% | 0.443% |
| 93 | 14.874 | 2168 | 2174 | 2182 | rBV | 1331717 | 2868340 | 78.46% | 5.164% |
| 94 | 14.963 | 2186 | 2189 | 2193 | rVB | 319027 | 328353 | 8.98% | 0.591% |
| 95 | 15.151 | 2217 | 2221 | 2226 | rVB | 807908 | 1045514 | 28.60% | 1.882% |
| 96 | 15.216 | 2226 | 2232 | 2236 | rVV | 1207687 | 1547095 | 42.32% | 2.785% |
| 97 | 15.263 | 2237 | 2240 | 2243 | rVV | 409863 | 556967 | 15.23% | 1.003% |
| 98 | 15.292 | 2243 | 2245 | 2252 | rVB2 | 397822 | 526761 | 14.41% | 0.948% |
| 99 | 16.633 | 2467 | 2473 | 2479 | rVB2 | 491259 | 918738 | 25.13% | 1.654% |
| 100 | 17.039 | 2536 | 2542 | 2554 | rVB | 347890 | 720478 | 19.71% | 1.297% |

Sum of corrected areas: 55543601

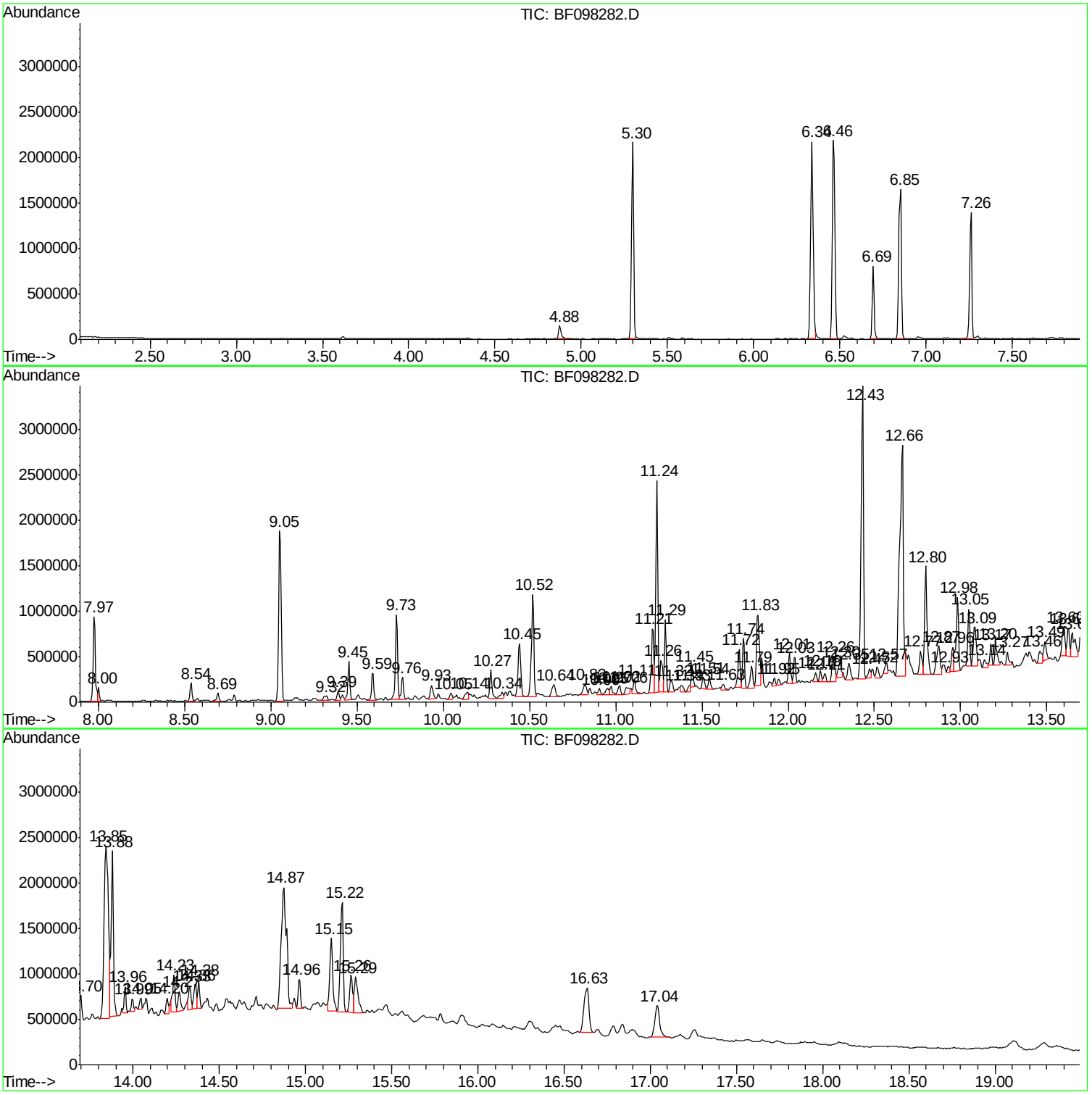
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

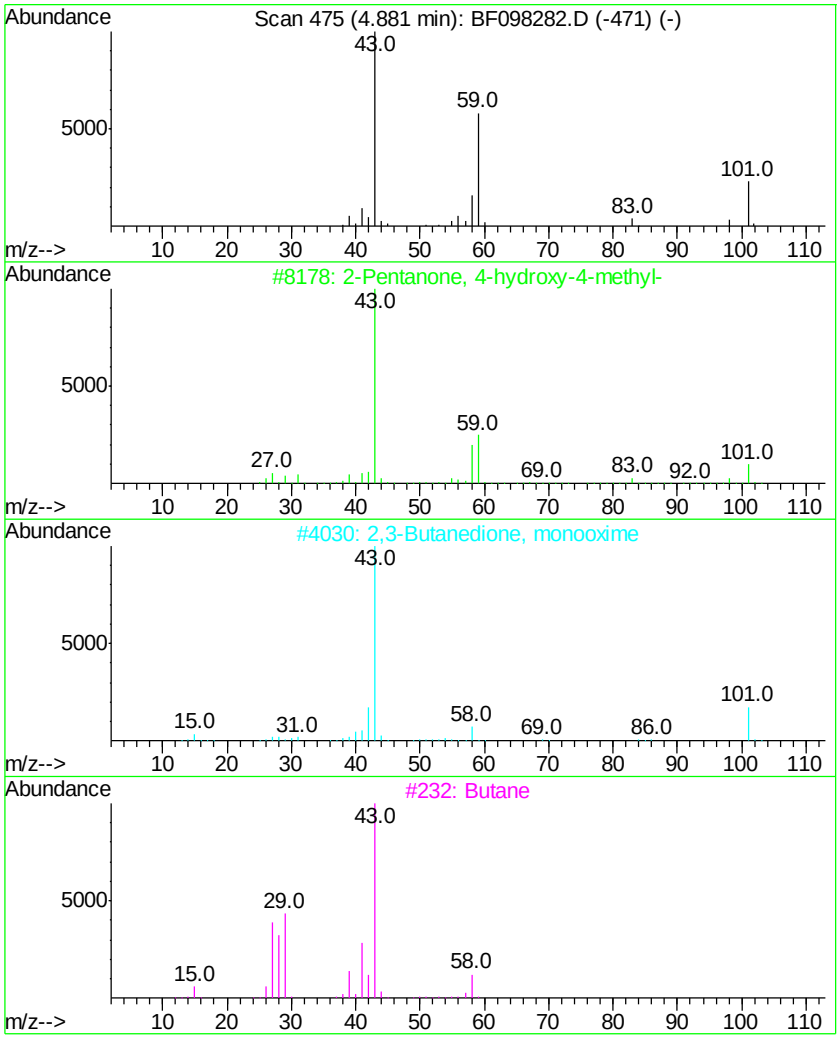
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

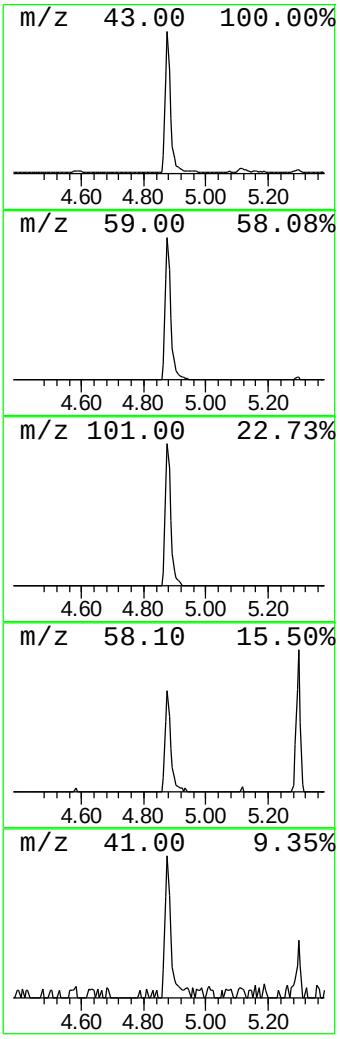
**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.88 | 5.19 ng | 170373 | 1,4-Dichlorobenzene-d4 | 6.69 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 38 |
| 3 | Butane | 58 | C4H10 | 000106-97-8 | 9 |
| 4 | Acetamide, N-(aminocarbonyl)- | 102 | C3H6N2O2 | 000591-07-1 | 9 |
| 5 | Propane, 1-ethoxy-2-methyl- | 102 | C6H14O | 000627-02-1 | 9 |



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

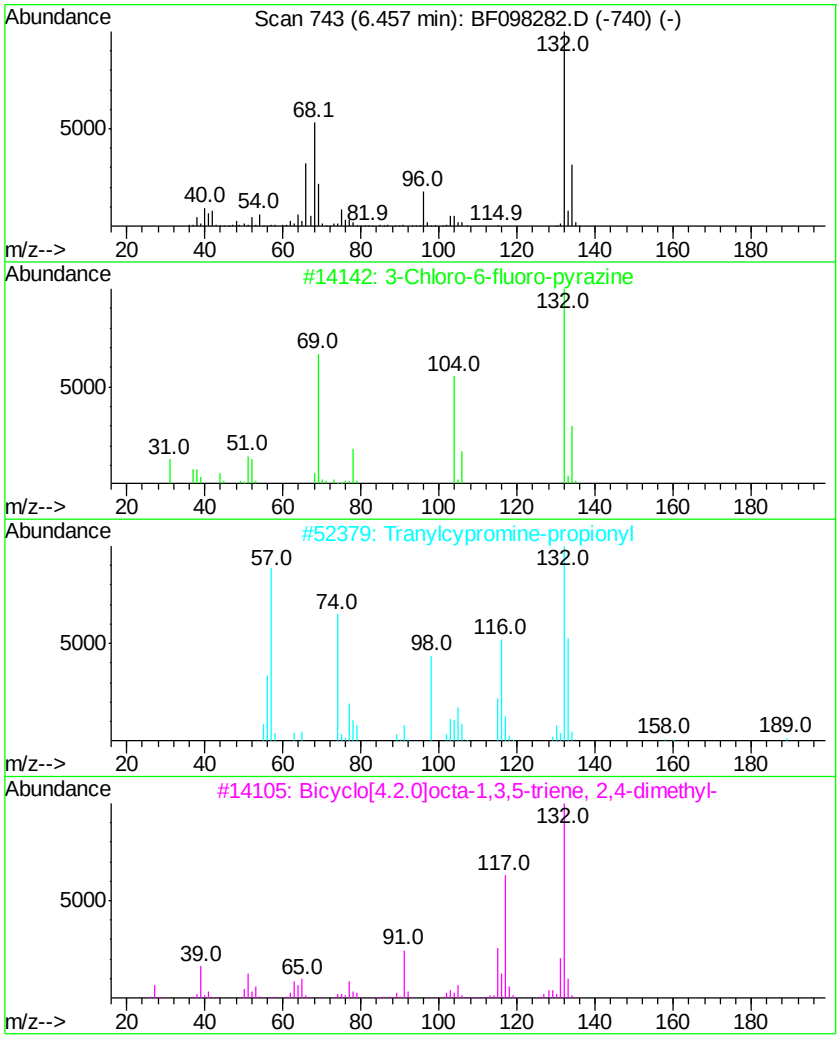
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

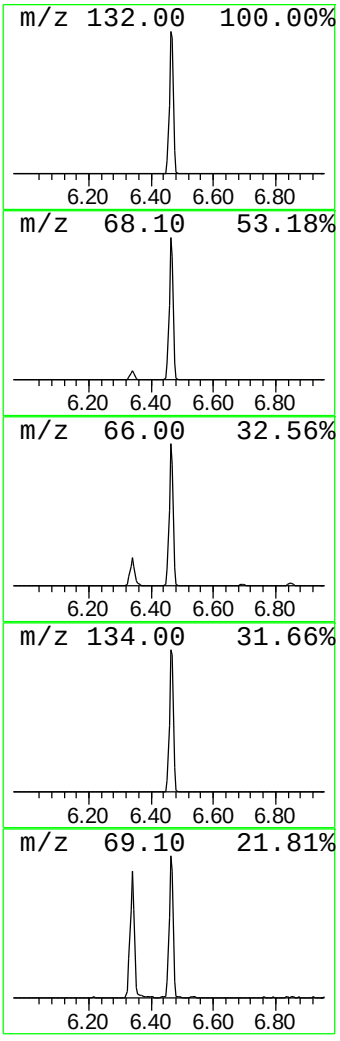
**********

Peak Number 2 unknown6.46 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.46 | 63.05 ng | 2071280 | 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 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 3 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |
| 4 | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2 | 029490-19-5 | 9 |
| 5 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |



# Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

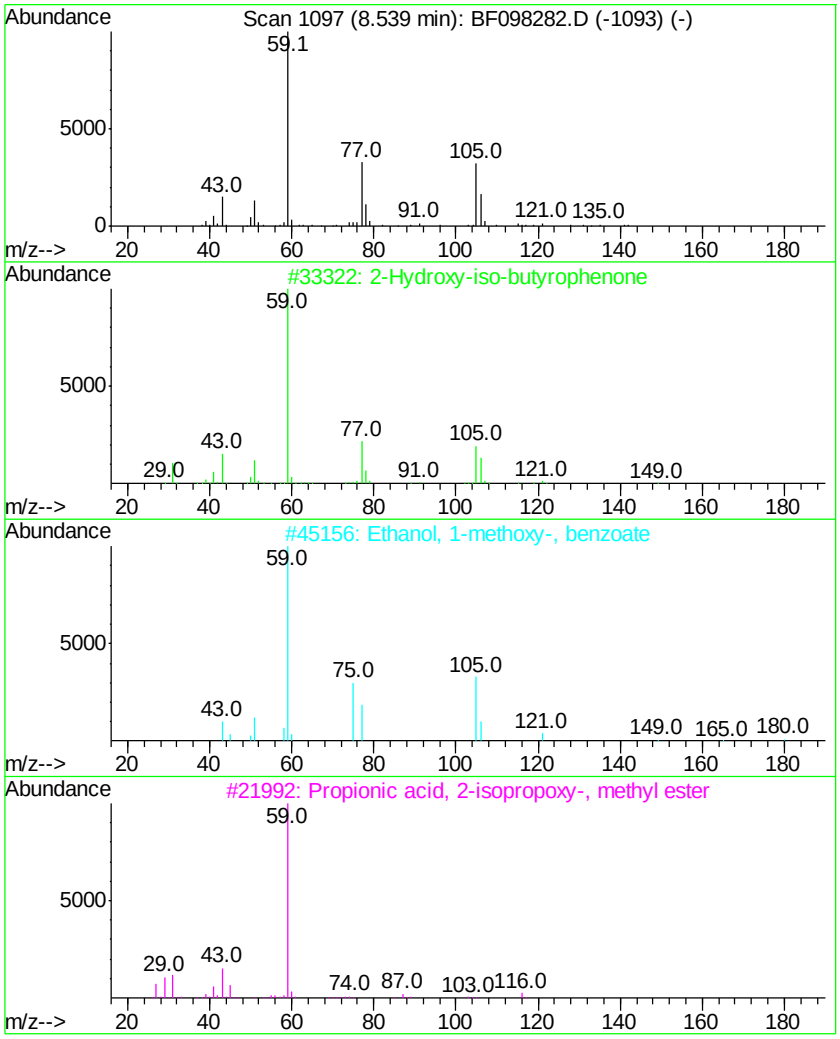
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

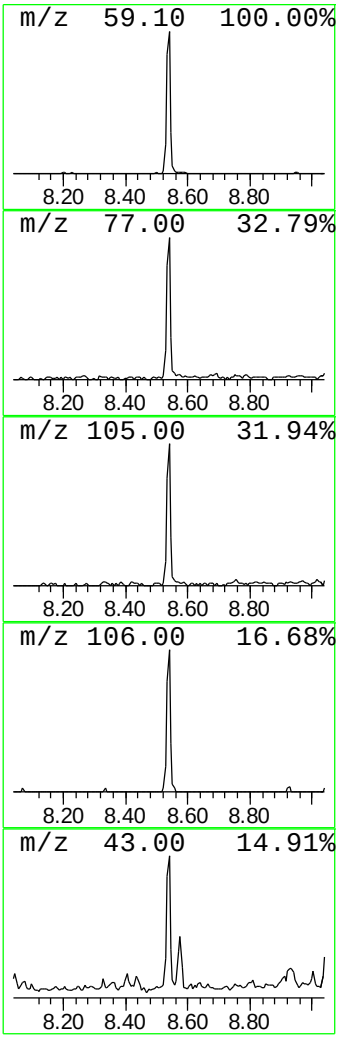
**********

Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.54 | 3.93 ng | 173508 | Naphthalene-d8 | 7.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hydroxy-iso-butyrophenone | 164 | C10H12O2 | 007473-98-5 | 83 |
| 2 | Ethanol, 1-methoxy-, benzoate | 180 | C10H12O3 | 051835-44-0 | 64 |
| 3 | Propionic acid, 2-isopropoxy-, m... | 146 | C7H14O3 | 1000151-15-1 | 23 |
| 4 | Ethanone, 2-amino-1-phenyl- | 135 | C8H9NO | 000613-89-8 | 16 |
| 5 | Formamide, N-methyl- | 59 | C2H5NO | 000123-39-7 | 9 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

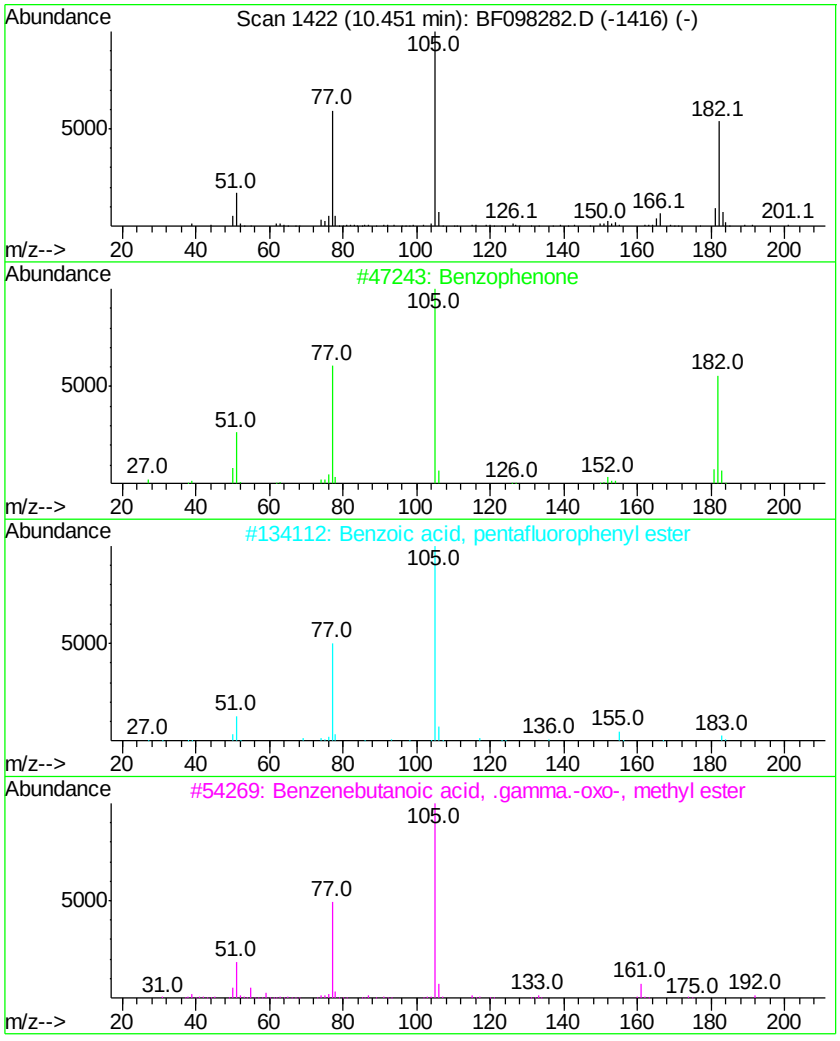
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

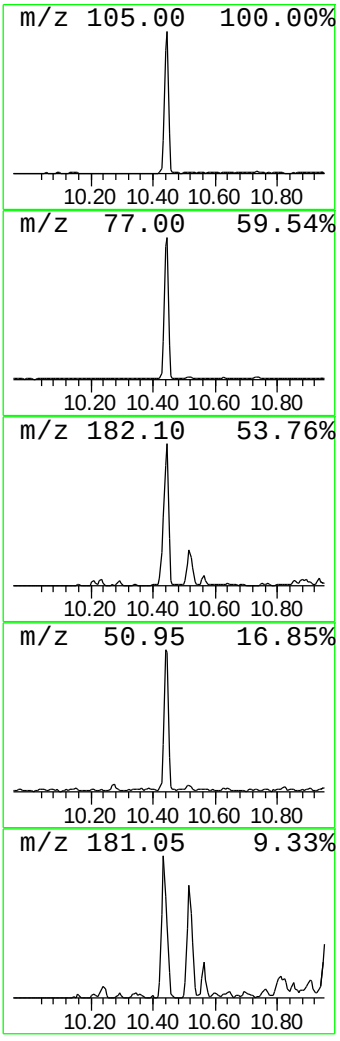
**********

Peak Number 5 Benzophenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.45 | 13.48 ng | 604080 | Acenaphthene-d10 | 9.73 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 2 | Benzoic acid, pentafluorophenyl ... | 288 | C13H5F5O2 | 1000360-67-9 | 47 |
| 3 | Benzenebutanoic acid, .gamma.-ox... | 192 | C11H12O3 | 025333-24-8 | 43 |
| 4 | Isopropyl phenyl ketone | 148 | C10H12O | 000611-70-1 | 43 |
| 5 | Ethanone, 2-hydroxy-1-phenyl- | 136 | C8H8O2 | 000582-24-1 | 43 |



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

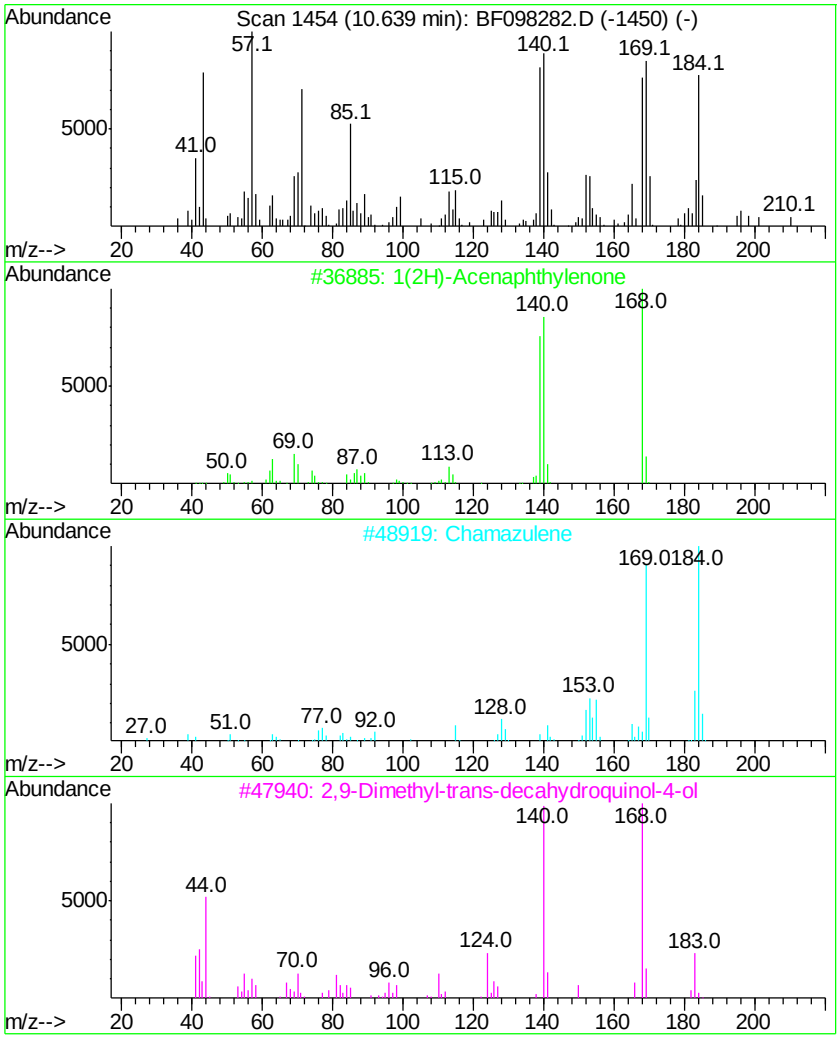
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

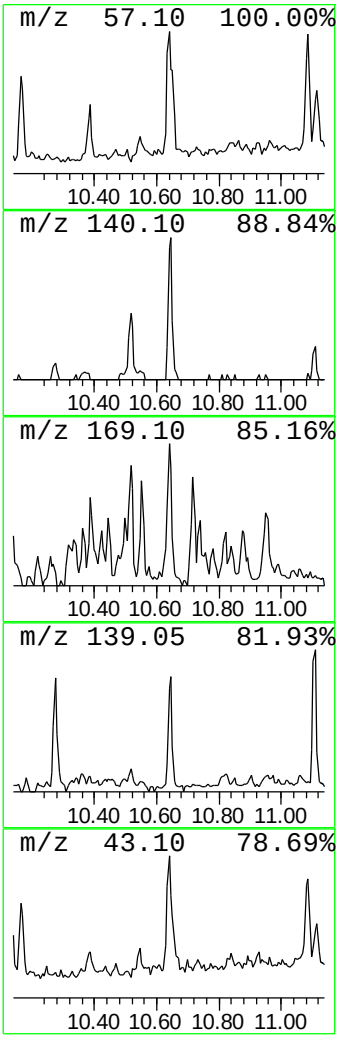
**********

Peak Number 6 unknown10.64 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.64 | 4.95 ng | 178102 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 46 |
| 2 | Chamazulene | 184 | C14H16 | 000529-05-5 | 38 |
| 3 | 2,9-Dimethyl-trans-decahydroquin... | 183 | C11H21NO | 064292-47-3 | 25 |
| 4 | Benzene, (4,5,5-trimethyl-1,3-cy... | 184 | C14H16 | 033930-85-7 | 25 |
| 5 | [1,1'-Biphenyl]-4-methanol | 184 | C13H12O | 003597-91-9 | 25 |



# Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

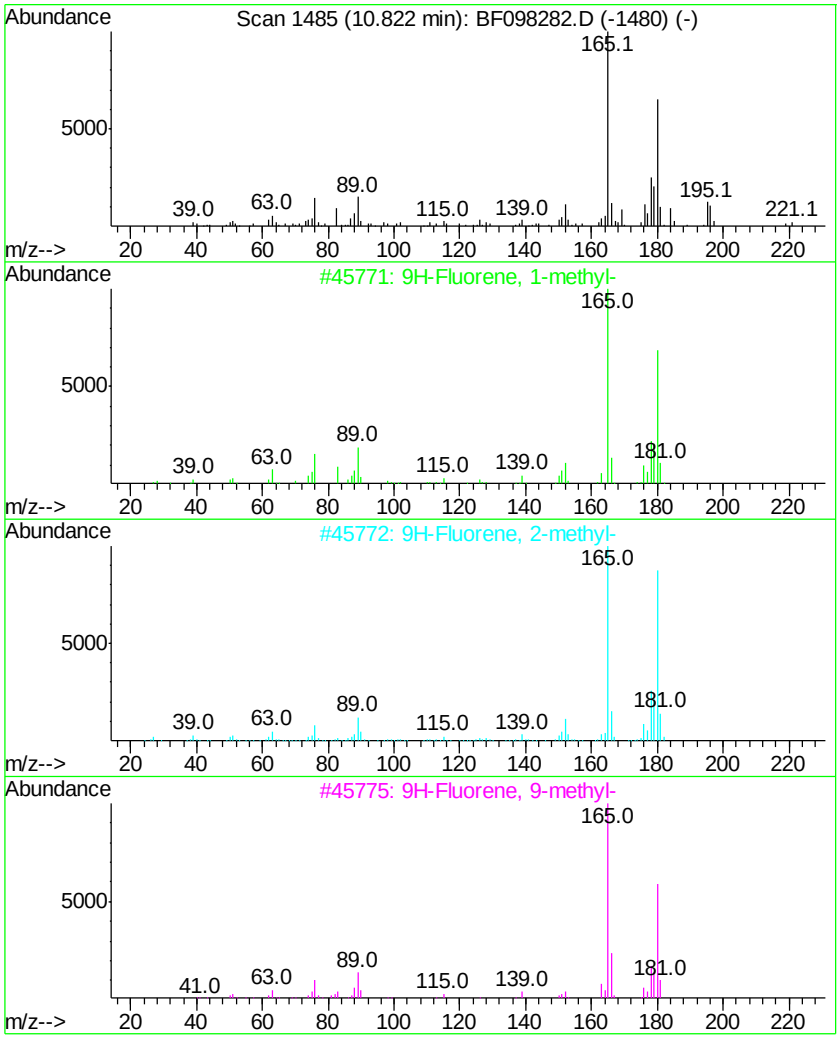
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

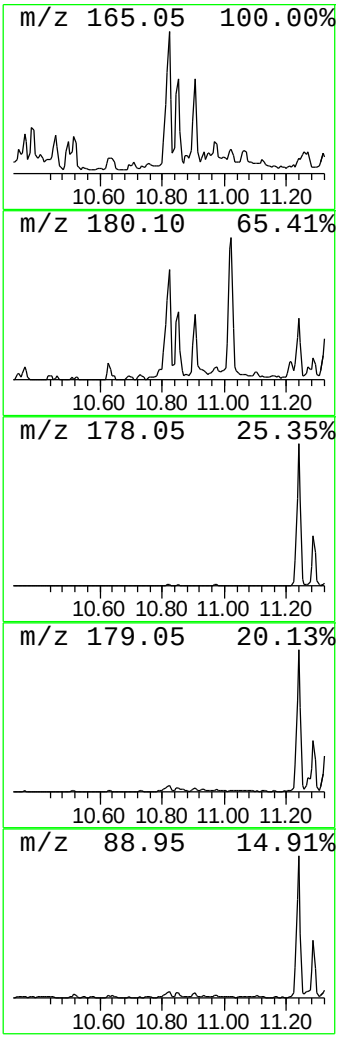
**********

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.82 | 3.98 ng | 143244 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 95 |
| 2 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 89 |
| 3 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 86 |
| 4 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 86 |
| 5 | 9H-Fluorene, 4-methyl- | 180 | C14H12 | 001556-99-6 | 70 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

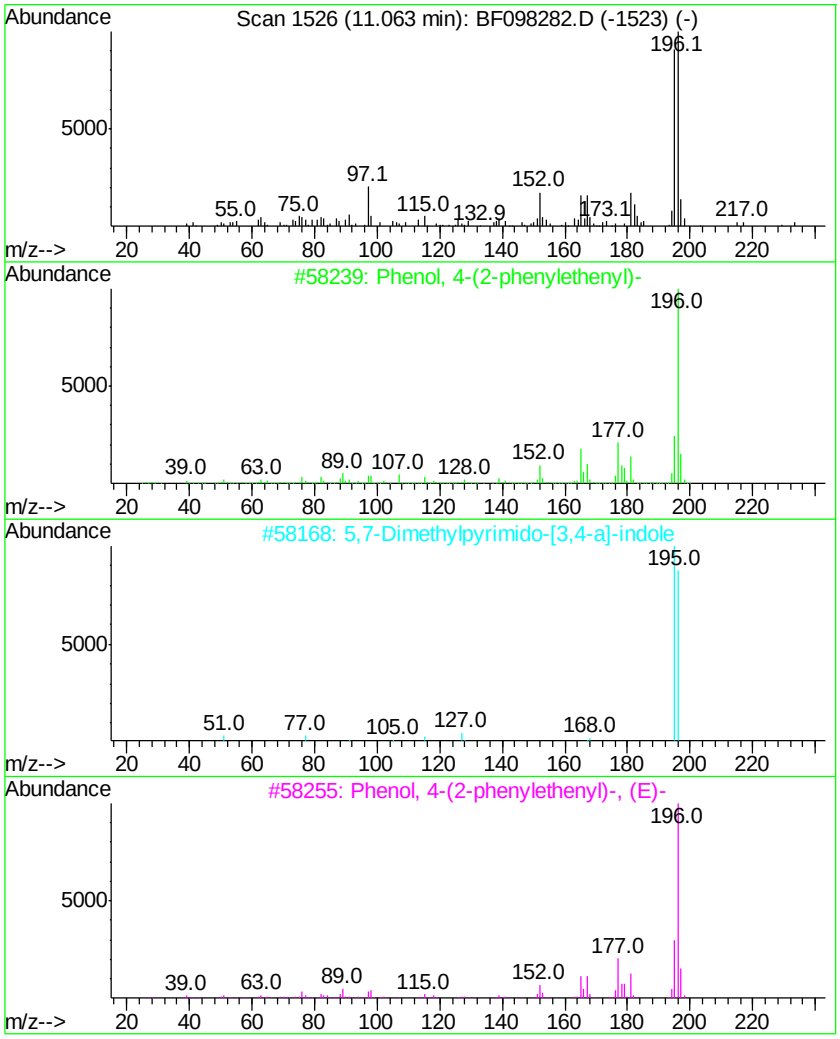
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

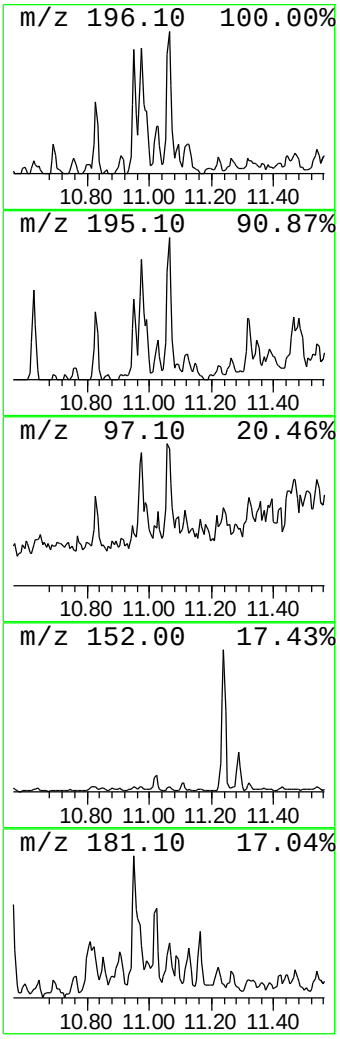
**********

Peak Number 8 Phenol, 4-(2-phenylethenyl)- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.06 | 3.45 ng | 123986 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-(2-phenylethenyl)- | 196 | C14H12O | 003839-46-1 | 52 |
| 2 | 5,7-Dimethylpyrimido-[3,4-a]-indole | 196 | C13H12N2 | 038349-21-2 | 50 |
| 3 | Phenol, 4-(2-phenylethenyl)-, (E)- | 196 | C14H12O | 006554-98-9 | 47 |
| 4 | Hydrosulfide, (5,6-dimethylthien... | 196 | C8H8N2S2 | 1000362-41-8 | 47 |
| 5 | Benzenamine, 4-[(E)-2-(4-pyridin... | 196 | C13H12N2 | 1000351-61-4 | 47 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

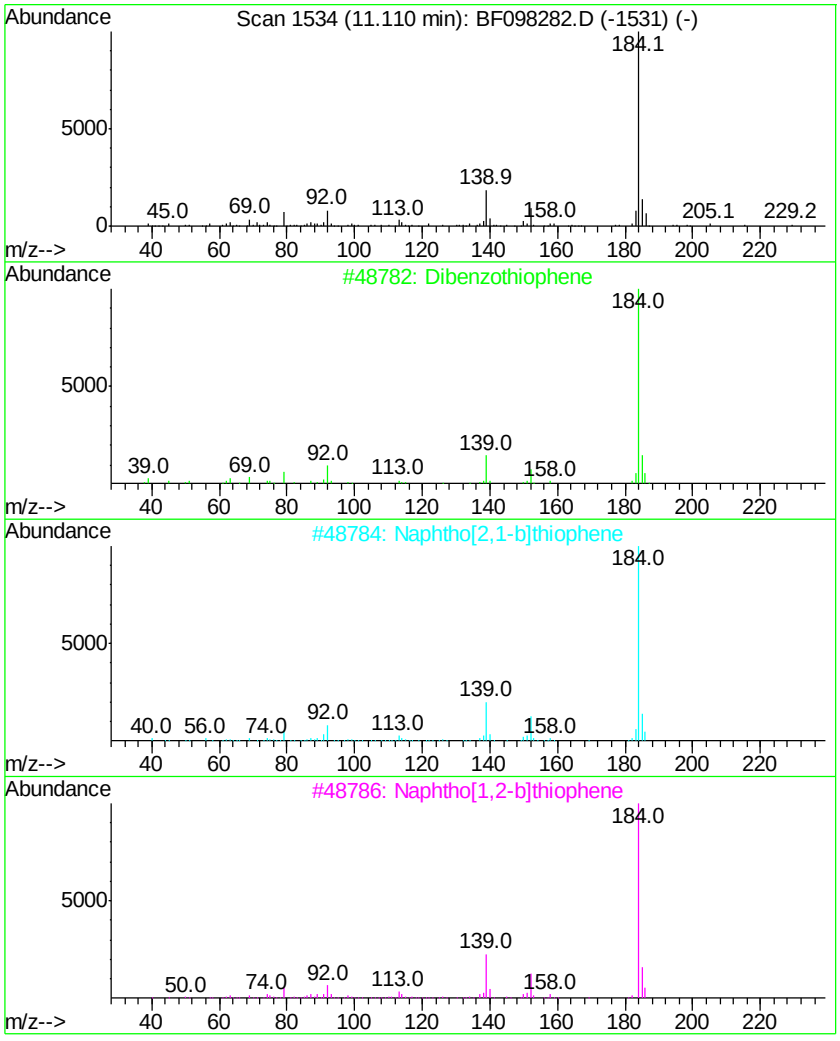
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

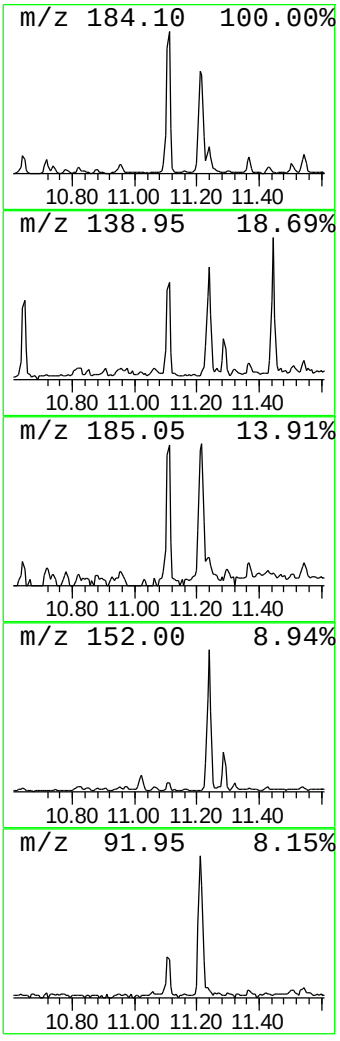
**********

Peak Number 9 Dibenzothiophene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.11 | 4.88 ng | 175446 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 94 |
| 2 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 94 |
| 3 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 94 |
| 4 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 91 |
| 5 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 91 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

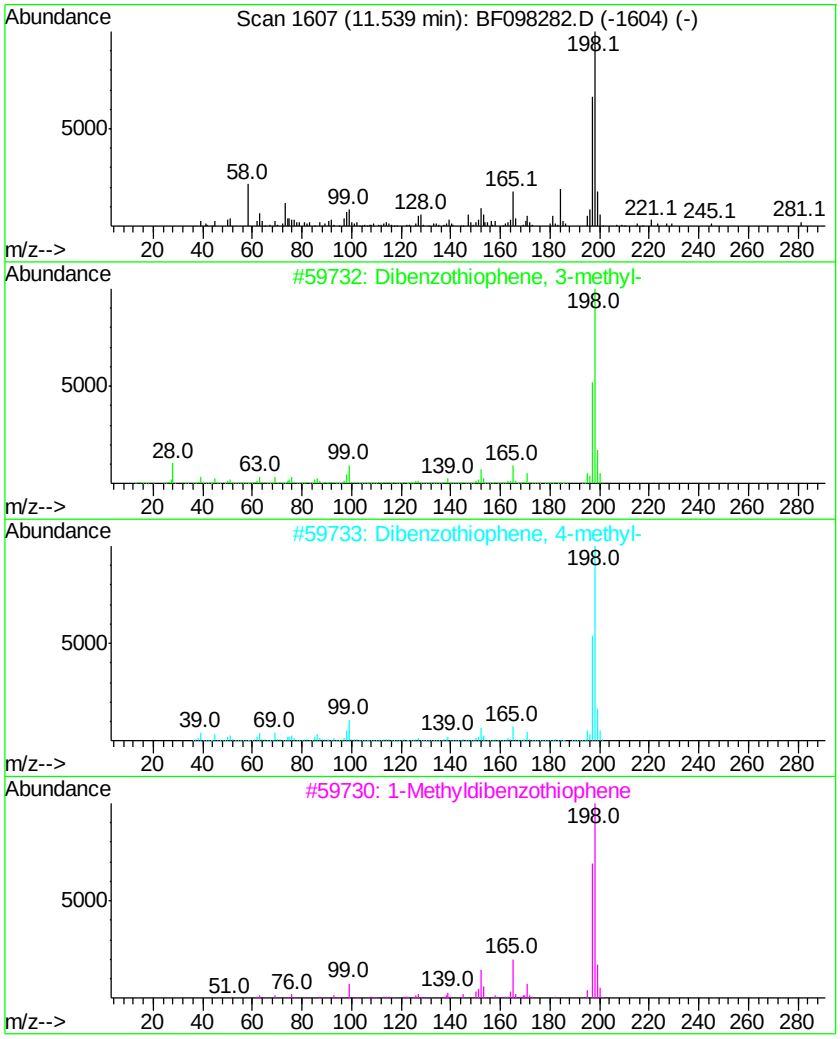
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

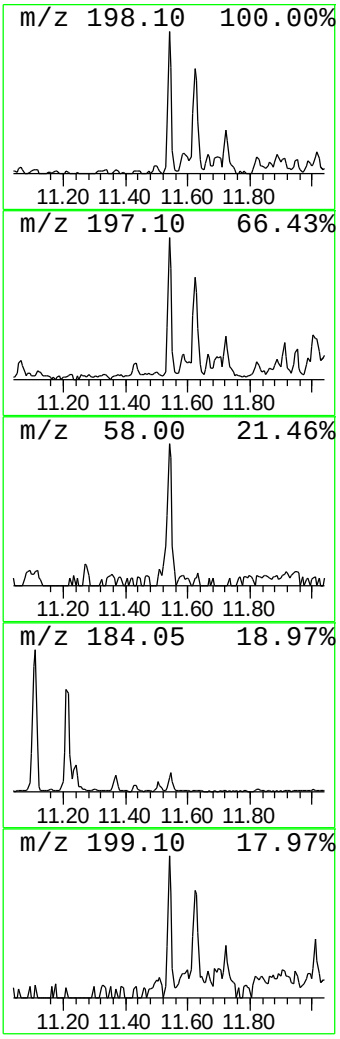
**********

Peak Number 10 Dibenzothiophene, 3-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.54 | 3.67 ng | 131943 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene, 3-methyl- | 198 | C13H10S | 016587-52-3 | 94 |
| 2 | Dibenzothiophene, 4-methyl- | 198 | C13H10S | 007372-88-5 | 89 |
| 3 | 1-Methyldibenzothiophene | 198 | C13H10S | 031317-07-4 | 89 |
| 4 | Thioxanthene | 198 | C13H10S | 000261-31-4 | 70 |
| 5 | Benzenamine, 4,4'-methylenebis- | 198 | C13H14N2 | 000101-77-9 | 70 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

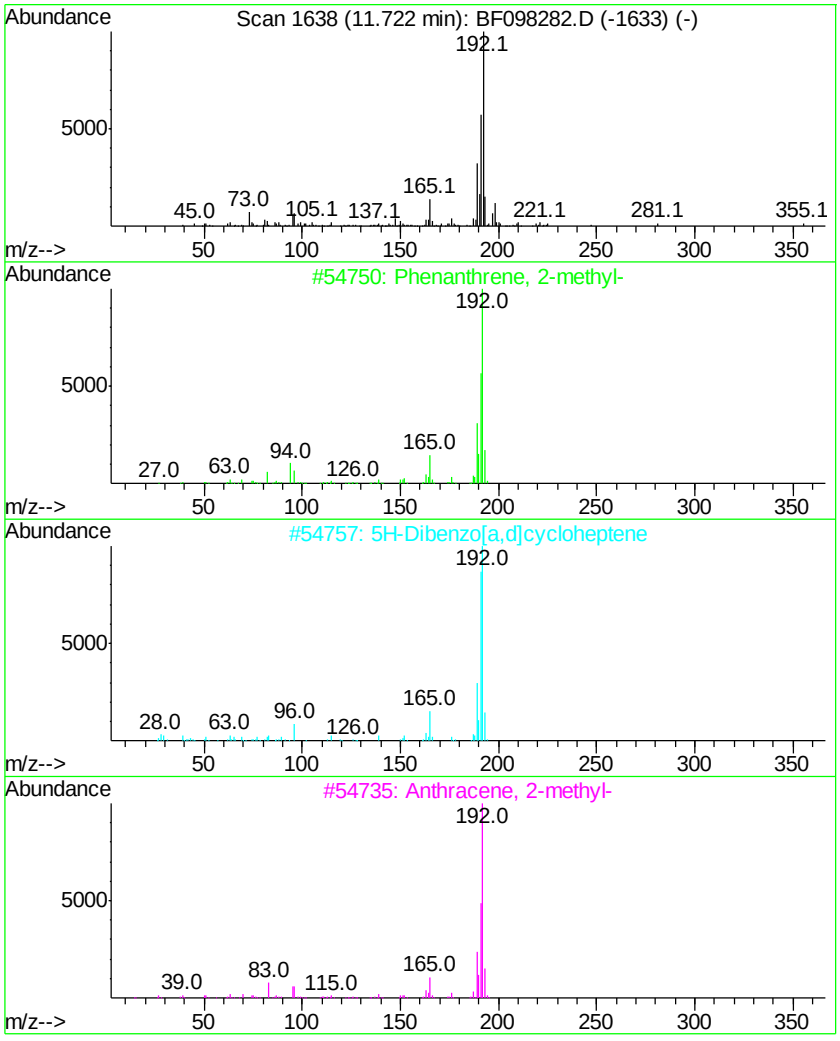
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

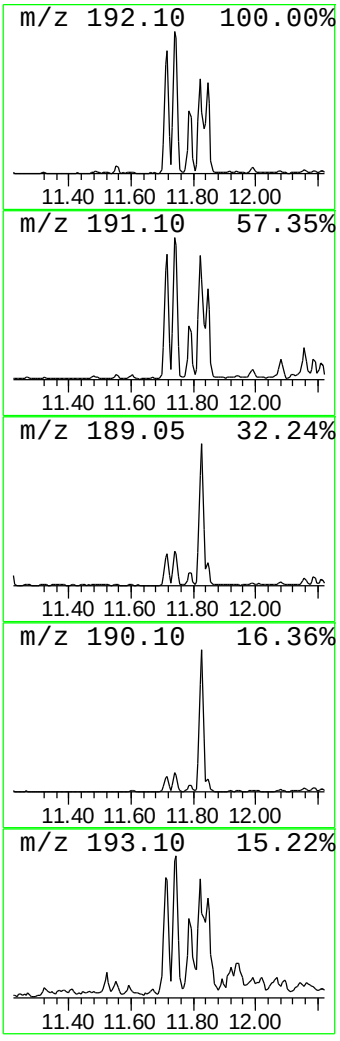
**********

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.72 | 11.31 ng | 407047 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 95 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 91 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

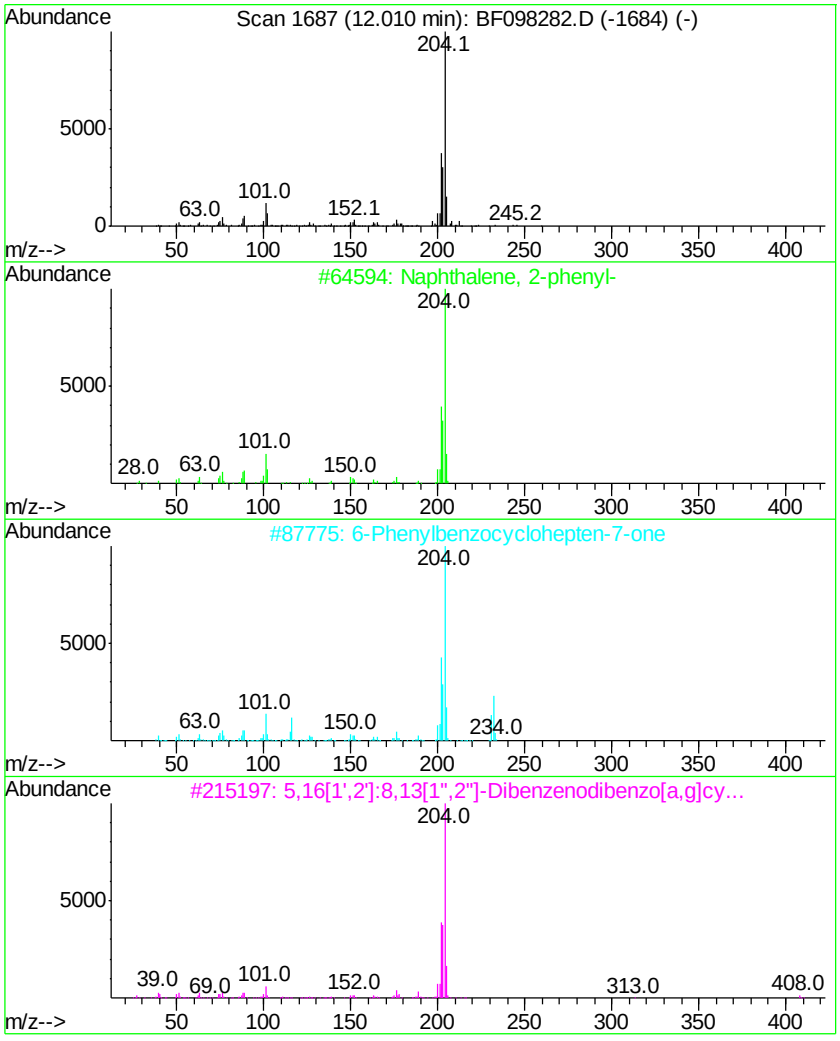
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

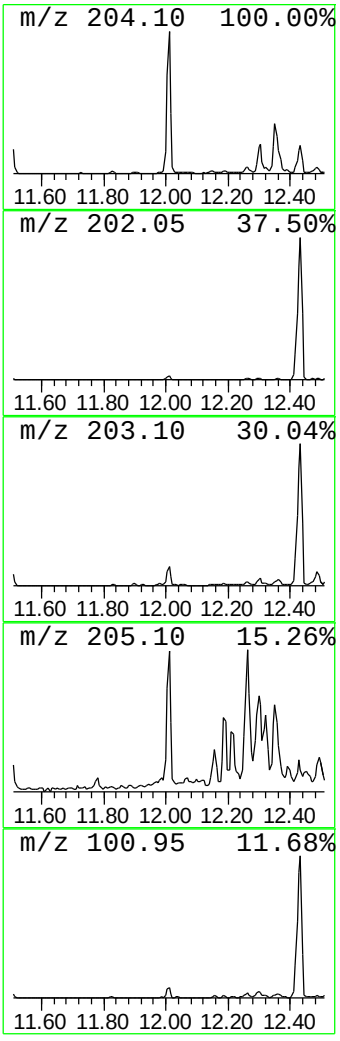
**********

Peak Number 12 6-Phenylbenzocyclohepten-7-one Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.01 | 8.09 ng | 291240 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 90 |
| 2 | 6-Phenylbenzocyclohepten-7-one | 232 | C17H12O | 093327-56-1 | 90 |
| 3 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 86 |
| 4 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 74 |
| 5 | Benzene, 1,1'-(1-buten-3-yne-1,4... | 204 | C16H12 | 013141-45-2 | 64 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

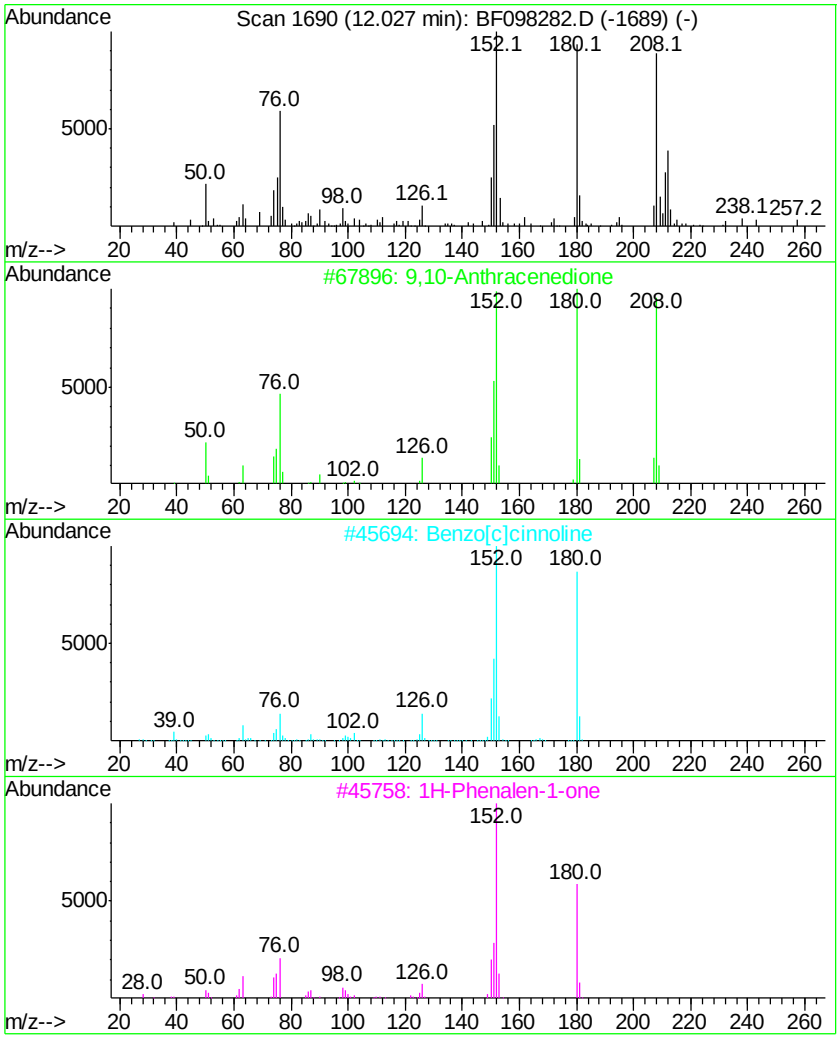
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

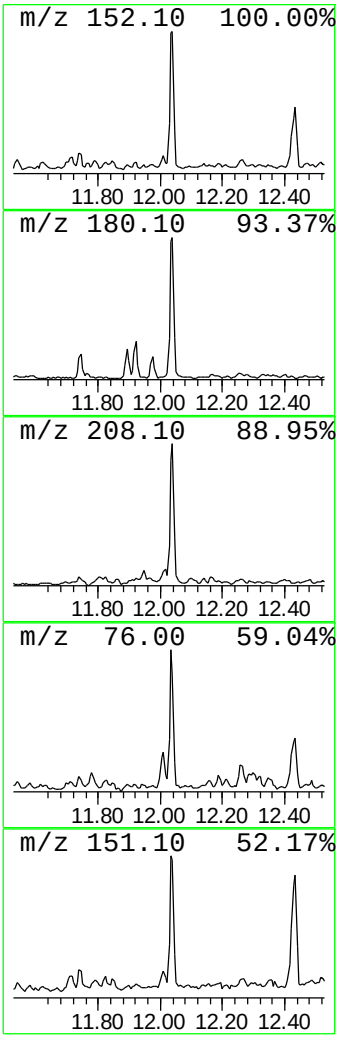
**********

Peak Number 13 9,10-Anthracenedione Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.03 | 7.22 ng | 259675 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 99 |
| 2 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 78 |
| 3 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 60 |
| 4 | 1,4-Anthracenedione | 208 | C14H8O2 | 000635-12-1 | 53 |
| 5 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 49 |



# Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

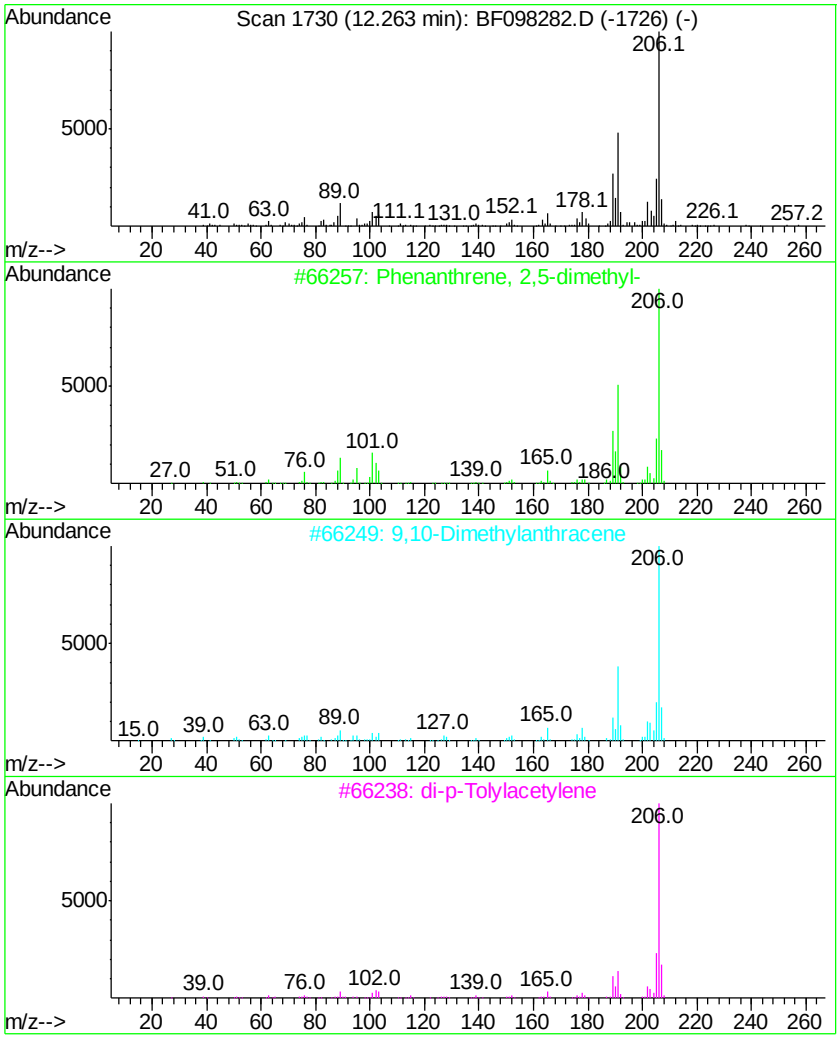
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

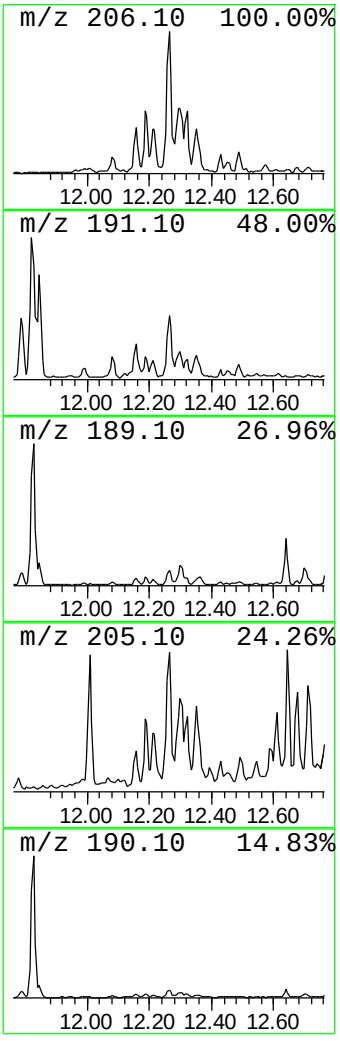
**********

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.26 | 8.41 ng | 302809 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 98 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |
| 3 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 4 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 90 |
| 5 | 1,3-Diphenyl-3-methylcyclopropene | 206 | C16H14 | 086544-79-8 | 81 |



# Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

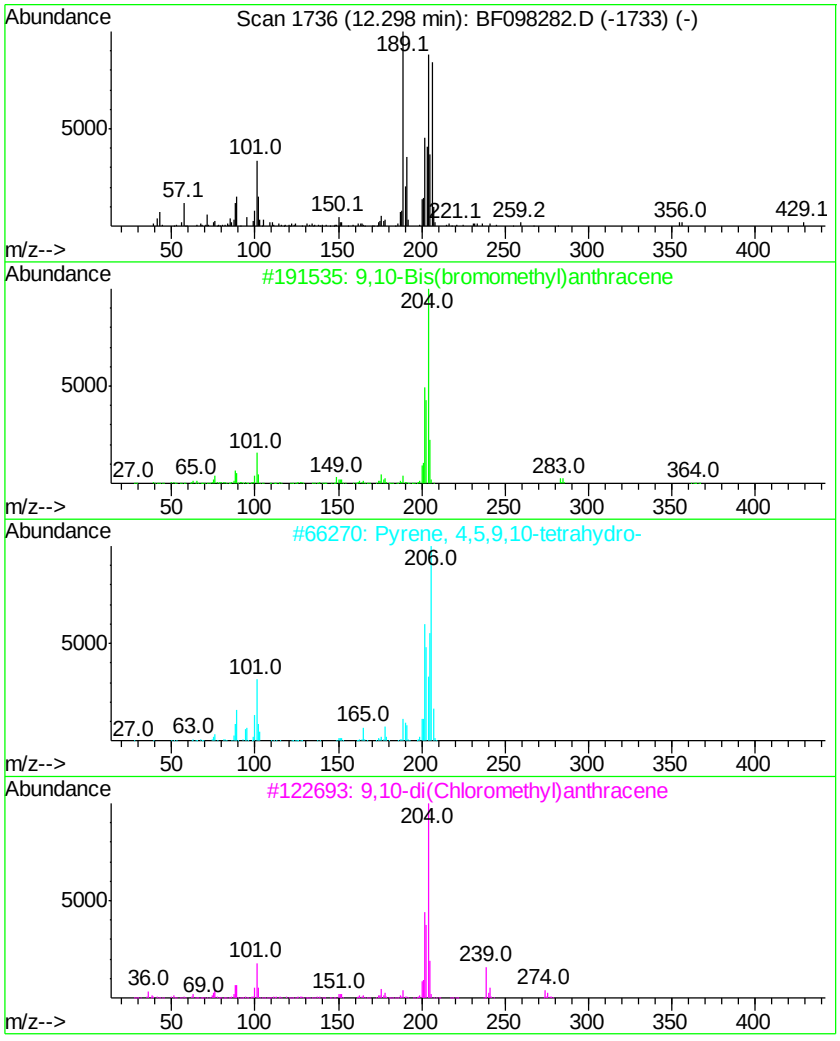
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

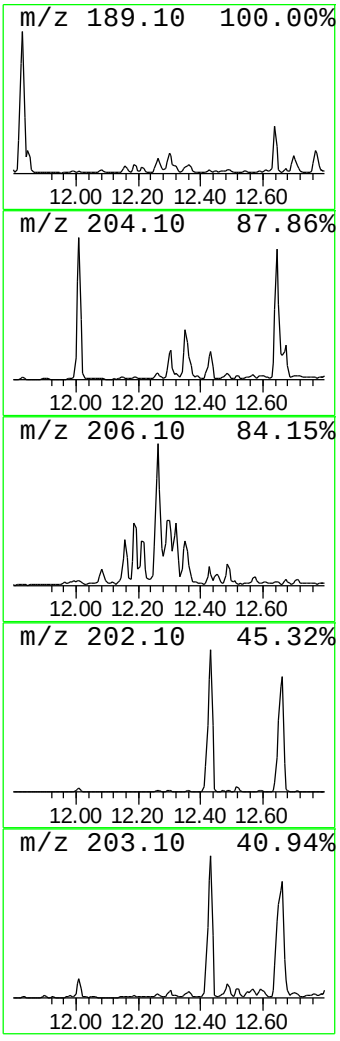
**********

Peak Number 15 unknown12.30 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.30 | 6.30 ng | 226808 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 45 |
| 2 | Pyrene, 4,5,9,10-tetrahydro- | 206 | C16H14 | 000781-17-9 | 38 |
| 3 | 9,10-di(Chloromethyl)anthracene | 274 | C16H12Cl2 | 010387-13-0 | 35 |
| 4 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 35 |
| 5 | 6-Phenylbenzocyclohepten-7-one | 232 | C17H12O | 093327-56-1 | 30 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

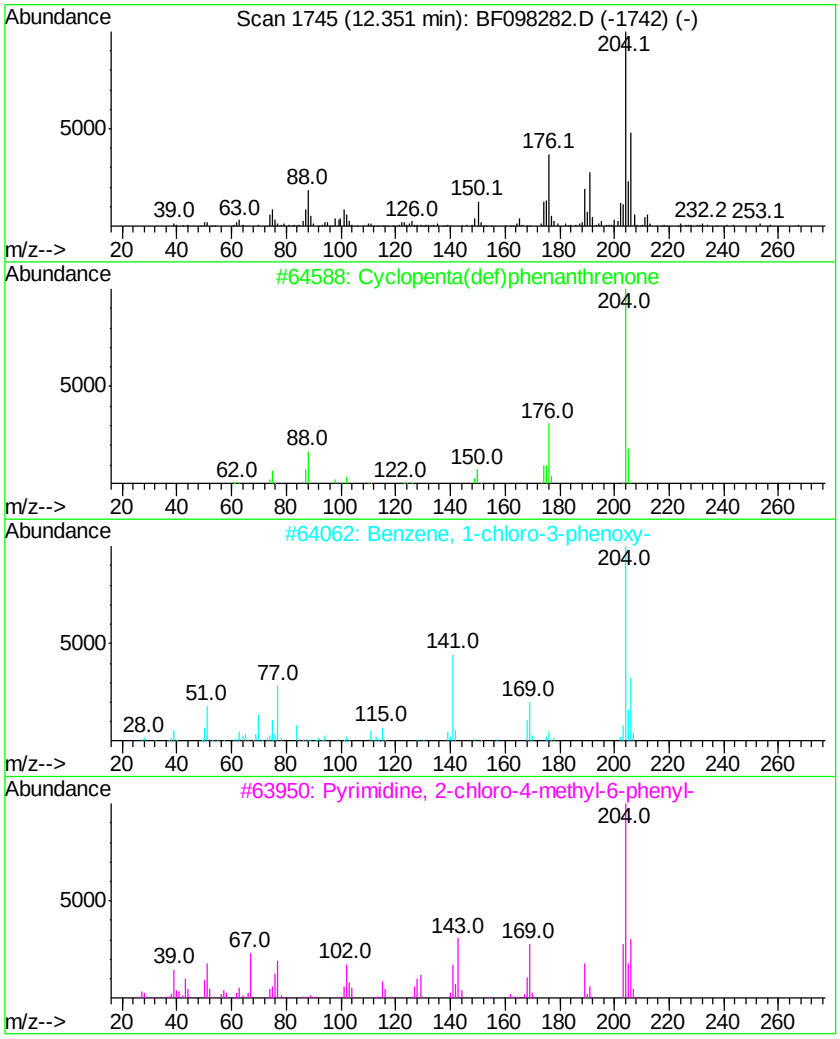
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

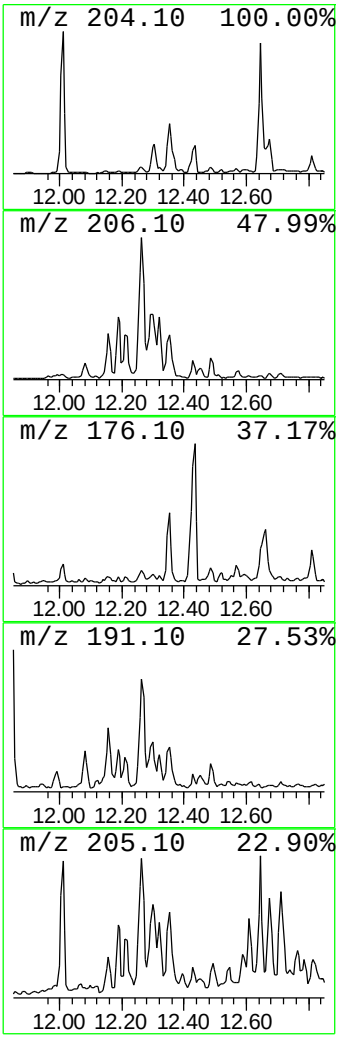
**********

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.35 | 6.20 ng | 223061 | Phenanthrene-d10 | 11.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 95 |
| 2 | Benzene, 1-chloro-3-phenoxy- | 204 | C12H9ClO | 006452-49-9 | 50 |
| 3 | Pyrimidine, 2-chloro-4-methyl-6-... | 204 | C11H9ClN2 | 032785-40-3 | 50 |
| 4 | [1,1'-Biphenyl]-4-ol, 4'-chloro- | 204 | C12H9ClO | 028034-99-3 | 47 |
| 5 | 2-Chloro-4-phenylphenol | 204 | C12H9ClO | 000092-04-6 | 43 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

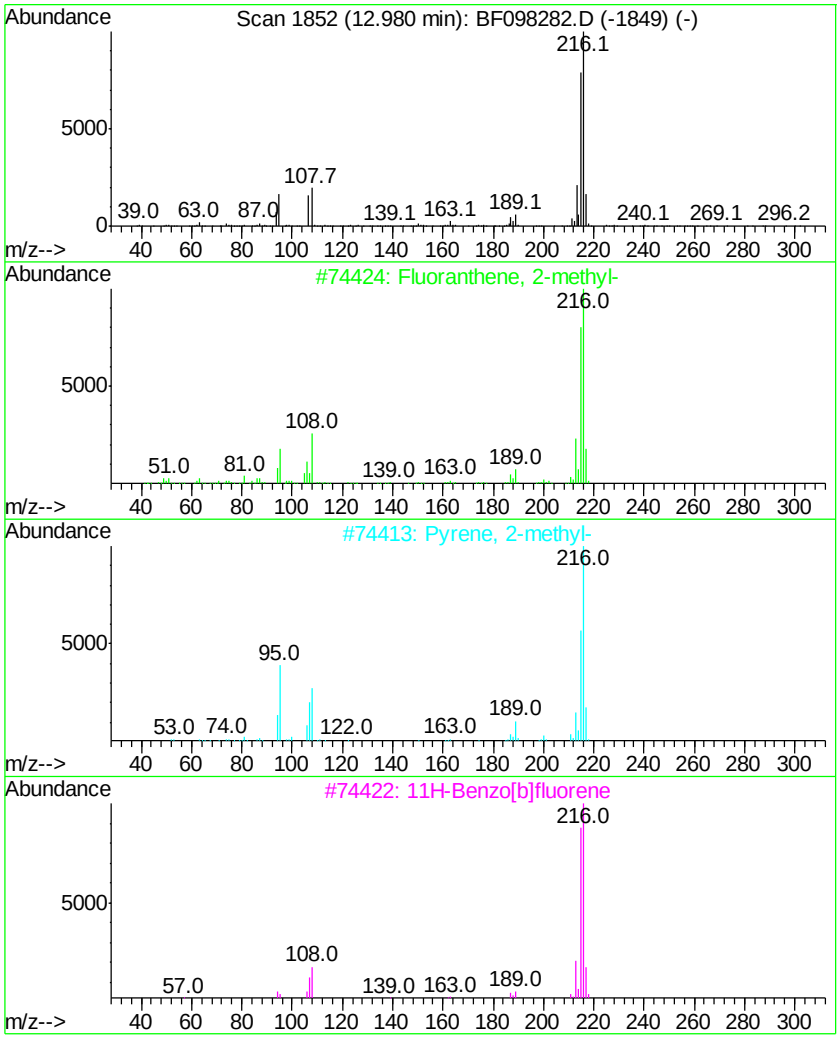
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

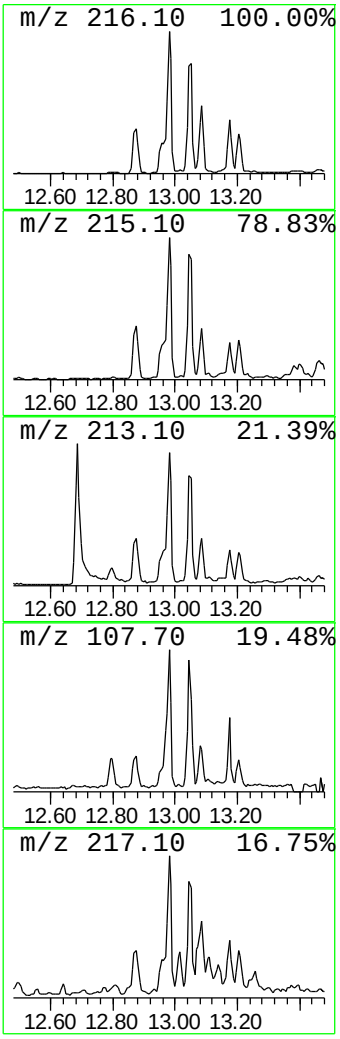
**********

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.98 | 5.01 ng | 769544 | Chrysene-d12 | 13.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 94 |
| 2 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 93 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 90 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 87 |



# Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

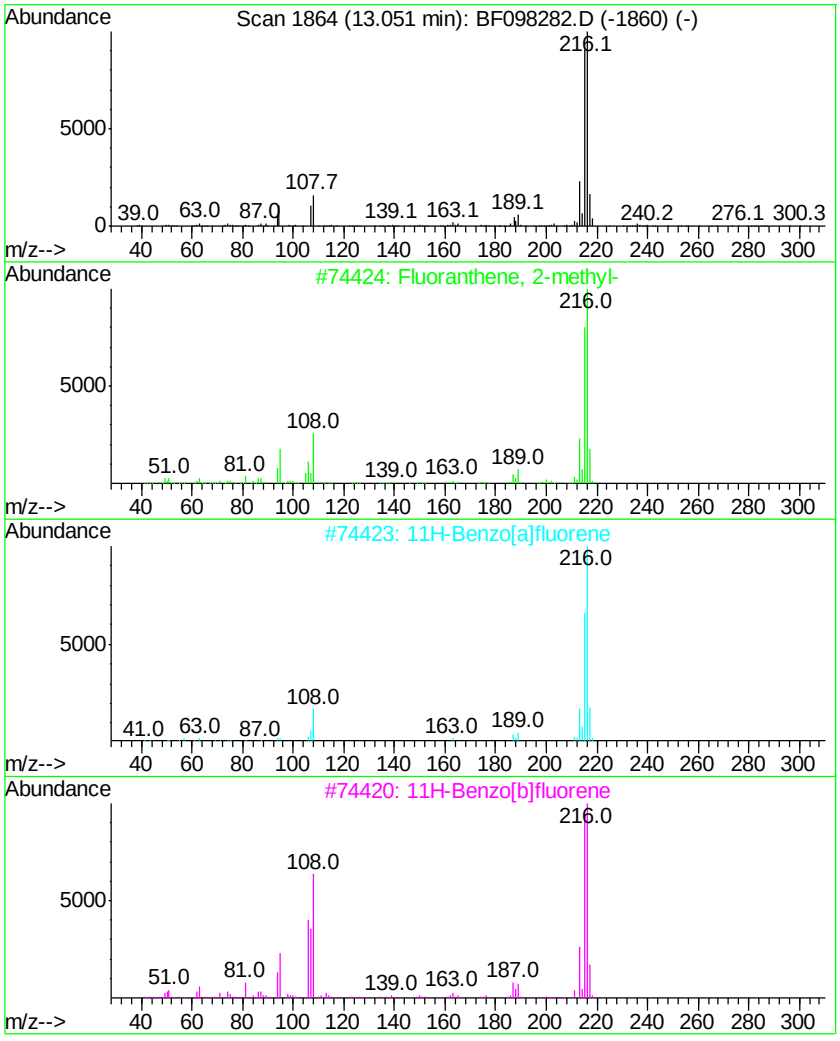
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

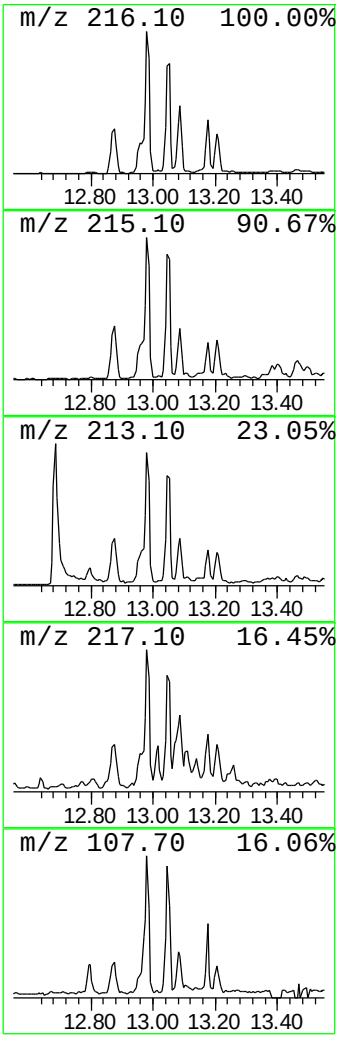
**********

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.05 | 3.82 ng | 587746 | Chrysene-d12 | 13.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 90 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 86 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 81 |



# Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

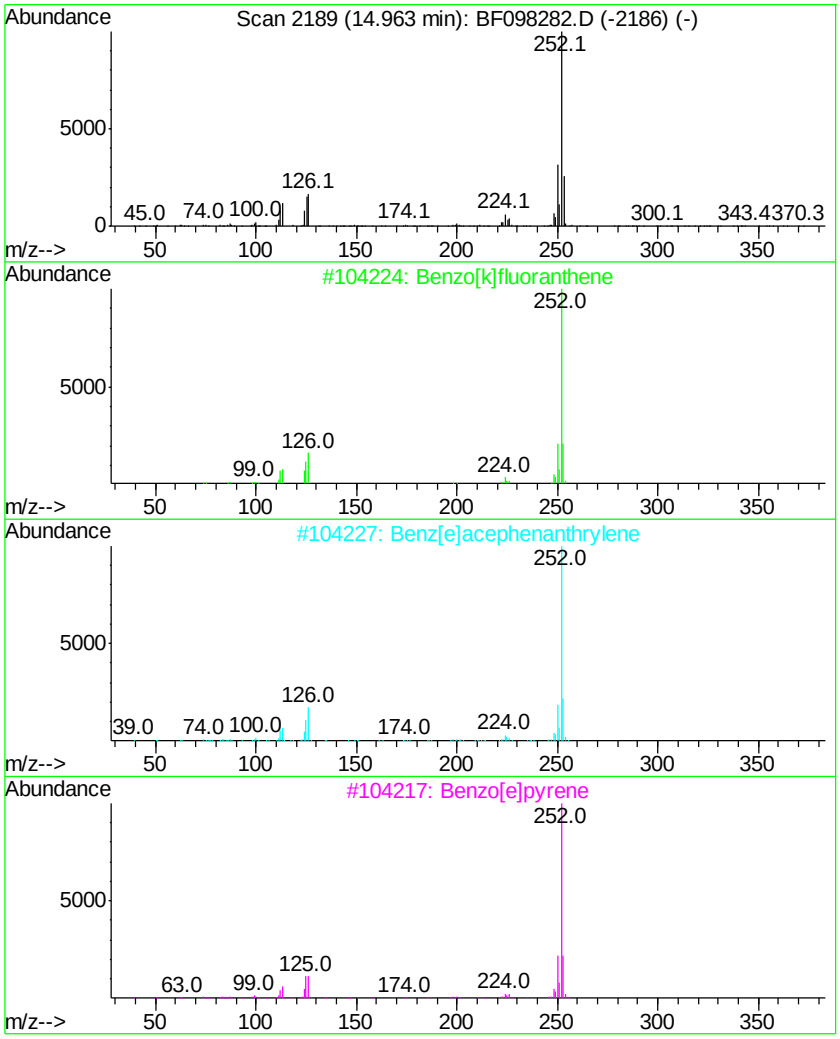
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

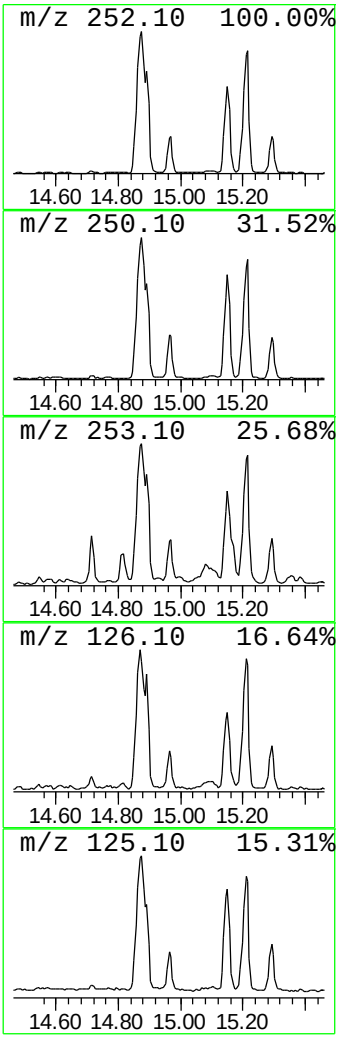
**********

Peak Number 19 Benz[e]acephenanthrylene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.96 | 11.79 ng | 328353 | Perylene-d12 | 15.26 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 94 |
| 2 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 93 |
| 3 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 93 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 92 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 90 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

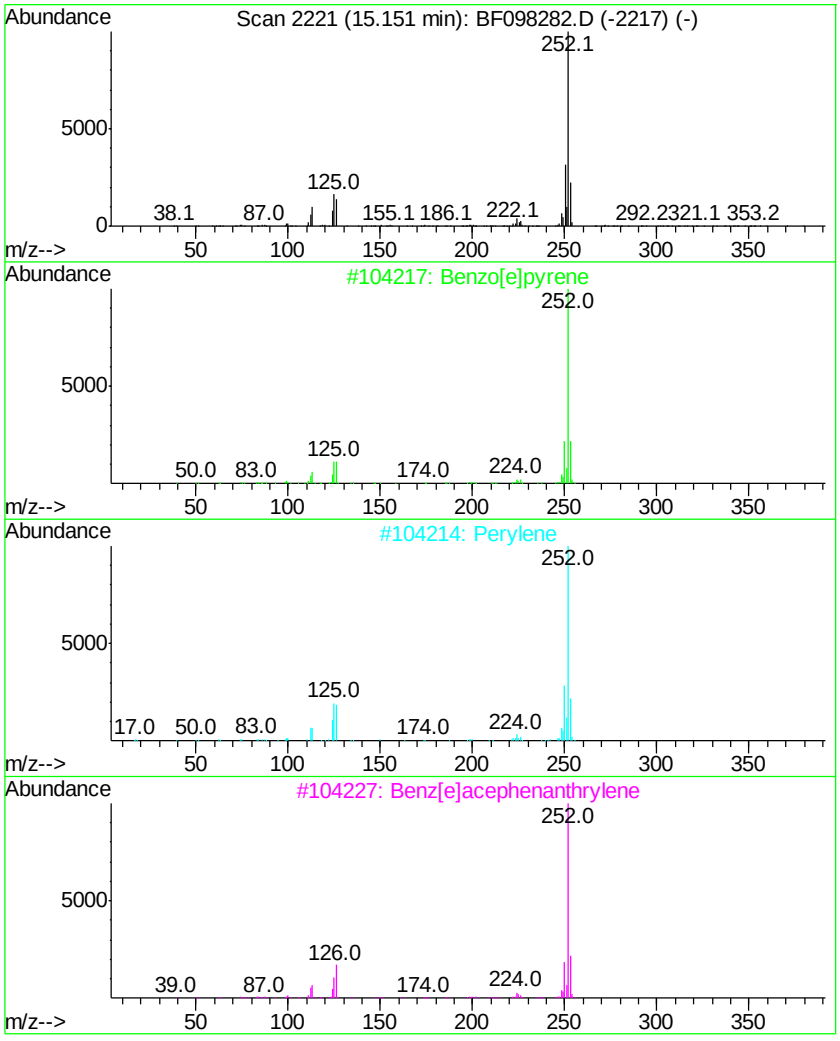
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

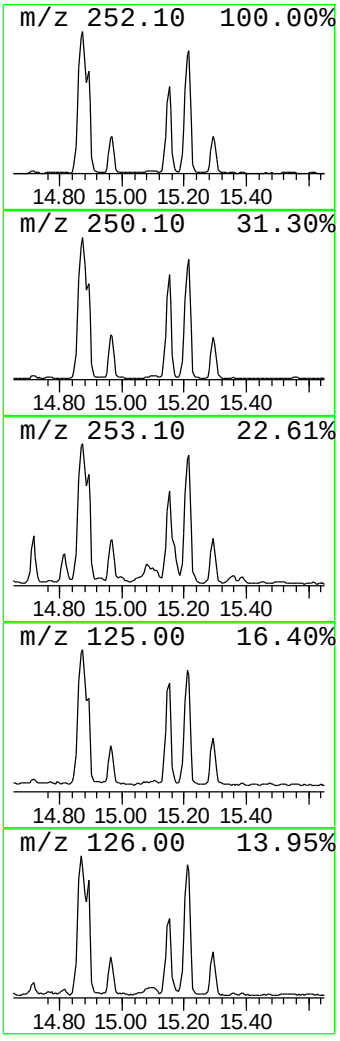
**********

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.15 | 37.54 ng | 1045510 | Perylene-d12 | 15.26 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 99 |
| 2 | Perylene | 252 | C20H12 | 000198-55-0 | 99 |
| 3 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 94 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF090617\
Data File : BF098282.D
Acq On : 6 Sep 2017 19:42
Operator : SJ/JU
Sample : I5095-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** STORM-SEWER-SED

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 |
| 2-Pentanone, 4-hy... | 4.88 | 5.2 | ng | 170373 | 1 | 6.69 | 656988 | 20.0 |
| unknown6.46 | 6.46 | 63.0 | ng | 2071280 | 1 | 6.69 | 656988 | 20.0 |
| 2-Hydroxy-iso-but... | 8.54 | 3.9 | ng | 173508 | 2 | 7.97 | 883115 | 20.0 |
| Benzophenone | 10.45 | 13.5 | ng | 604080 | 3 | 9.73 | 896424 | 20.0 |
| unknown10.64 | 10.64 | 5.0 | ng | 178102 | 4 | 11.21 | 719758 | 20.0 |
| 9H-Fluorene, 1-me... | 10.82 | 4.0 | ng | 143244 | 4 | 11.21 | 719758 | 20.0 |
| Phenol, 4-(2-phen... | 11.06 | 3.5 | ng | 123986 | 4 | 11.21 | 719758 | 20.0 |
| Dibenzothiophene | 11.11 | 4.9 | ng | 175446 | 4 | 11.21 | 719758 | 20.0 |
| Dibenzothiophene,... | 11.54 | 3.7 | ng | 131943 | 4 | 11.21 | 719758 | 20.0 |
| Phenanthrene, 2-m... | 11.72 | 11.3 | ng | 407047 | 4 | 11.21 | 719758 | 20.0 |
| 6-Phenylbenzocycl... | 12.01 | 8.1 | ng | 291240 | 4 | 11.21 | 719758 | 20.0 |
| 9,10-Anthracenedione | 12.03 | 7.2 | ng | 259675 | 4 | 11.21 | 719758 | 20.0 |
| Phenanthrene, 2,5... | 12.26 | 8.4 | ng | 302809 | 4 | 11.21 | 719758 | 20.0 |
| unknown12.30 | 12.30 | 6.3 | ng | 226808 | 4 | 11.21 | 719758 | 20.0 |
| Cyclopenta(def)ph... | 12.35 | 6.2 | ng | 223061 | 4 | 11.21 | 719758 | 20.0 |
| Fluoranthene, 2-m... | 12.98 | 5.0 | ng | 769544 | 5 | 13.85 | 3073210 | 20.0 |
| 11H-Benzo[a]fluorene | 13.05 | 3.8 | ng | 587746 | 5 | 13.85 | 3073210 | 20.0 |
| Benz[e]acephenant... | 14.96 | 11.8 | ng | 328353 | 6 | 15.26 | 556967 | 20.0 |
| Benzo[e]pyrene | 15.15 | 37.5 | ng | 1045510 | 6 | 15.26 | 556967 | 20.0 |