LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SU-04-091021

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125463.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.140 | 4 | 9 | 20 | rVB | 593599 | 741102 | 8.99% | 0.763% |
| 2 | 5.098 | 507 | 512 | 519 | rBV | 298902 | 351598 | 4.27% | 0.362% |
| 3 | 5.510 | 578 | 582 | 591 | rBV | 1813465 | 1695036 | 20.57% | 1.745% |
| 4 | 6.522 | 750 | 754 | 770 | rBV | 1832971 | 1743426 | 21.16% | 1.795% |
| 5 | 6.887 | 812 | 816 | 820 | rBV | 1170372 | 893630 | 10.85% | 0.920% |
| 6 | 7.451 | 908 | 912 | 918 | rBV | 1048103 | 1016467 | 12.34% | 1.046% |
| 7 | 8.081 | 1015 | 1019 | 1028 | rBV2 | 95751 | 275856 | 3.35% | 0.284% |
| 8 | 8.169 | 1031 | 1034 | 1036 | rVV | 1231178 | 1047579 | 12.71% | 1.078% |
| 9 | 8.192 | 1036 | 1038 | 1041 | rVB | 389162 | 297080 | 3.61% | 0.306% |
| 10 | 8.886 | 1153 | 1156 | 1159 | rBV | 229150 | 199745 | 2.42% | 0.206% |
| 11 | 8.980 | 1168 | 1172 | 1177 | rBV | 269173 | 257093 | 3.12% | 0.265% |
| 12 | 9.245 | 1213 | 1217 | 1220 | rBV | 2113660 | 1677834 | 20.36% | 1.727% |
| 13 | 9.510 | 1258 | 1262 | 1266 | rBV | 160711 | 221265 | 2.69% | 0.228% |
| 14 | 9.586 | 1271 | 1275 | 1277 | rBV | 256348 | 251367 | 3.05% | 0.259% |
| 15 | 9.792 | 1306 | 1310 | 1313 | rBV | 627349 | 561110 | 6.81% | 0.578% |
| 16 | 9.927 | 1330 | 1333 | 1336 | rVB | 1228588 | 972922 | 11.81% | 1.002% |
| 17 | 9.963 | 1336 | 1339 | 1342 | rVB | 642079 | 515788 | 6.26% | 0.531% |
| 18 | 10.133 | 1364 | 1368 | 1371 | rVV | 609918 | 512323 | 6.22% | 0.527% |
| 19 | 10.480 | 1423 | 1427 | 1432 | rVB | 898658 | 903995 | 10.97% | 0.931% |
| 20 | 10.633 | 1450 | 1453 | 1456 | rVB | 274268 | 233716 | 2.84% | 0.241% |
| 21 | 10.722 | 1464 | 1468 | 1472 | rVB | 1129407 | 1131603 | 13.73% | 1.165% |
| 22 | 10.822 | 1483 | 1485 | 1487 | rBV | 225752 | 230639 | 2.80% | 0.237% |
| 23 | 11.027 | 1514 | 1520 | 1522 | rBV2 | 257269 | 318722 | 3.87% | 0.328% |
| 24 | 11.151 | 1537 | 1541 | 1543 | rBV3 | 190065 | 228528 | 2.77% | 0.235% |
| 25 | 11.174 | 1543 | 1545 | 1551 | rVV2 | 220273 | 275730 | 3.35% | 0.284% |
| 26 | 11.227 | 1551 | 1554 | 1557 | rVV | 268874 | 267973 | 3.25% | 0.276% |
| 27 | 11.274 | 1557 | 1562 | 1564 | rVV2 | 312861 | 384600 | 4.67% | 0.396% |
| 28 | 11.316 | 1564 | 1569 | 1574 | rVB | 513590 | 554054 | 6.72% | 0.570% |
| 29 | 11.422 | 1583 | 1587 | 1589 | rBV | 1051522 | 1111754 | 13.49% | 1.145% |
| 30 | 11.451 | 1589 | 1592 | 1595 | rVV | 4941153 | 5201861 | 63.13% | 5.355% |
| 31 | 11.498 | 1595 | 1600 | 1603 | rVV | 2207834 | 1834229 | 22.26% | 1.888% |
| 32 | 11.527 | 1603 | 1605 | 1611 | rVB2 | 202147 | 261194 | 3.17% | 0.269% |
| 33 | 11.651 | 1622 | 1626 | 1632 | rBV2 | 406627 | 547117 | 6.64% | 0.563% |
| 34 | 11.751 | 1641 | 1643 | 1648 | rVB3 | 220338 | 232362 | 2.82% | 0.239% |
| 35 | 11.804 | 1648 | 1652 | 1655 | rBV | 707510 | 579750 | 7.04% | 0.597% |
| 36 | 11.921 | 1669 | 1672 | 1675 | rBV | 868296 | 854157 | 10.37% | 0.879% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SU-04-091021

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.951 | 1675 | 1677 | 1681 | rVB | 1339893 | 1072703 | 13.02% | 1.104% |
| 38 | 11.998 | 1682 | 1685 | 1688 | rBV | 600114 | 545971 | 6.63% | 0.562% |
| 39 | 12.039 | 1688 | 1692 | 1694 | rVV | 1610591 | 1662554 | 20.18% | 1.712% |
| 40 | 12.057 | 1694 | 1695 | 1700 | rVB2 | 653091 | 455597 | 5.53% | 0.469% |
| 41 | 12.110 | 1700 | 1704 | 1706 | rBV2 | 223541 | 219876 | 2.67% | 0.226% |
| 42 | 12.216 | 1719 | 1722 | 1725 | rVV | 693879 | 648596 | 7.87% | 0.668% |
| 43 | 12.251 | 1725 | 1728 | 1731 | rVB | 341602 | 303941 | 3.69% | 0.313% |
| 44 | 12.398 | 1750 | 1753 | 1755 | rVB | 250597 | 180805 | 2.19% | 0.186% |
| 45 | 12.421 | 1755 | 1757 | 1760 | rVB | 203347 | 179212 | 2.18% | 0.184% |
| 46 | 12.474 | 1762 | 1766 | 1767 | rBV | 623629 | 605010 | 7.34% | 0.623% |
| 47 | 12.498 | 1767 | 1770 | 1771 | rVV2 | 927006 | 993064 | 12.05% | 1.022% |
| 48 | 12.516 | 1771 | 1773 | 1775 | rVV | 1657038 | 1388067 | 16.85% | 1.429% |
| 49 | 12.568 | 1779 | 1782 | 1785 | rVV2 | 507113 | 537438 | 6.52% | 0.553% |
| 50 | 12.598 | 1785 | 1787 | 1790 | rVB2 | 301224 | 250937 | 3.05% | 0.258% |
| 51 | 12.657 | 1790 | 1797 | 1799 | rBV | 6663886 | 8157027 | 99.00% | 8.398% |
| 52 | 12.704 | 1803 | 1805 | 1808 | rVV | 235828 | 176946 | 2.15% | 0.182% |
| 53 | 12.733 | 1808 | 1810 | 1813 | rVB | 352924 | 289162 | 3.51% | 0.298% |
| 54 | 12.792 | 1814 | 1820 | 1828 | rBV3 | 399528 | 655314 | 7.95% | 0.675% |
| 55 | 12.886 | 1828 | 1836 | 1839 | rBV2 | 5764844 | 8239465 | 100.00% | 8.482% |
| 56 | 12.916 | 1839 | 1841 | 1846 | rVB2 | 458037 | 526846 | 6.39% | 0.542% |
| 57 | 12.986 | 1850 | 1853 | 1854 | rBV | 540027 | 485945 | 5.90% | 0.500% |
| 58 | 13.010 | 1854 | 1857 | 1859 | rVV | 1625792 | 1512700 | 18.36% | 1.557% |
| 59 | 13.027 | 1859 | 1860 | 1864 | rVB | 370868 | 305770 | 3.71% | 0.315% |
| 60 | 13.092 | 1865 | 1871 | 1874 | rBV3 | 668002 | 1135447 | 13.78% | 1.169% |
| 61 | 13.174 | 1881 | 1885 | 1886 | rBV3 | 513687 | 580175 | 7.04% | 0.597% |
| 62 | 13.198 | 1886 | 1889 | 1892 | rVB | 1481152 | 1429828 | 17.35% | 1.472% |
| 63 | 13.227 | 1892 | 1894 | 1897 | rBV | 235650 | 254854 | 3.09% | 0.262% |
| 64 | 13.263 | 1897 | 1900 | 1903 | rVV | 1126215 | 997580 | 12.11% | 1.027% |
| 65 | 13.304 | 1903 | 1907 | 1909 | rVV2 | 864258 | 945697 | 11.48% | 0.974% |
| 66 | 13.327 | 1909 | 1911 | 1914 | rVB2 | 213022 | 202729 | 2.46% | 0.209% |
| 67 | 13.357 | 1914 | 1916 | 1919 | rVB3 | 197913 | 171431 | 2.08% | 0.176% |
| 68 | 13.398 | 1920 | 1923 | 1925 | rBV | 474969 | 396008 | 4.81% | 0.408% |
| 69 | 13.427 | 1925 | 1928 | 1931 | rBV | 483842 | 458262 | 5.56% | 0.472% |
| 70 | 13.574 | 1950 | 1953 | 1955 | rBV2 | 209299 | 237572 | 2.88% | 0.245% |
| 71 | 13.598 | 1955 | 1957 | 1959 | rVV | 166423 | 179569 | 2.18% | 0.185% |
| 72 | 13.621 | 1959 | 1961 | 1964 | rVV | 203900 | 184484 | 2.24% | 0.190% |
| 73 | 13.680 | 1968 | 1971 | 1973 | rBV | 223596 | 256827 | 3.12% | 0.264% |
| 74 | 13.710 | 1973 | 1976 | 1980 | rVB | 597968 | 590319 | 7.16% | 0.608% |
| 75 | 13.821 | 1991 | 1995 | 1997 | rBV2 | 739278 | 757138 | 9.19% | 0.779% |
| 76 | 13.845 | 1997 | 1999 | 2001 | rVV | 715788 | 631437 | 7.66% | 0.650% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SU-04-091021

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.874 | 2001 | 2004 | 2009 | rVV3 | 682318 | 1056434 | 12.82% | 1.088% |
| 78 | 13.915 | 2009 | 2011 | 2015 | rVB | 502386 | 518275 | 6.29% | 0.534% |
| 79 | 13.986 | 2021 | 2023 | 2029 | rVB | 210837 | 299102 | 3.63% | 0.308% |
| 80 | 14.068 | 2030 | 2037 | 2040 | rBV2 | 3646791 | 5298140 | 64.30% | 5.454% |
| 81 | 14.104 | 2040 | 2043 | 2049 | rVV | 3092321 | 3584024 | 43.50% | 3.690% |
| 82 | 14.180 | 2054 | 2056 | 2060 | rVV | 800601 | 756511 | 9.18% | 0.779% |
| 83 | 14.221 | 2060 | 2063 | 2068 | rVV4 | 368406 | 594121 | 7.21% | 0.612% |
| 84 | 14.262 | 2068 | 2070 | 2072 | rVV | 283081 | 236276 | 2.87% | 0.243% |
| 85 | 14.298 | 2072 | 2076 | 2079 | rVV2 | 283122 | 469518 | 5.70% | 0.483% |
| 86 | 14.421 | 2094 | 2097 | 2099 | rBV2 | 234147 | 246446 | 2.99% | 0.254% |
| 87 | 14.457 | 2099 | 2103 | 2106 | rVV | 721586 | 811620 | 9.85% | 0.836% |
| 88 | 14.492 | 2106 | 2109 | 2112 | rVB | 368138 | 319622 | 3.88% | 0.329% |
| 89 | 14.557 | 2118 | 2120 | 2122 | rVB | 262284 | 189033 | 2.29% | 0.195% |
| 90 | 14.586 | 2122 | 2125 | 2127 | rVV2 | 336323 | 331178 | 4.02% | 0.341% |
| 91 | 14.610 | 2127 | 2129 | 2132 | rVB2 | 371285 | 318553 | 3.87% | 0.328% |
| 92 | 14.968 | 2187 | 2190 | 2197 | rVB2 | 306053 | 476374 | 5.78% | 0.490% |
| 93 | 15.145 | 2213 | 2220 | 2222 | rBV | 2332685 | 4045468 | 49.10% | 4.165% |
| 94 | 15.245 | 2234 | 2237 | 2241 | rBV | 624917 | 645049 | 7.83% | 0.664% |
| 95 | 15.451 | 2267 | 2272 | 2278 | rVB | 1457170 | 1997120 | 24.24% | 2.056% |
| 96 | 15.521 | 2278 | 2284 | 2288 | rBV | 2215799 | 2857305 | 34.68% | 2.942% |
| 97 | 15.574 | 2290 | 2293 | 2296 | rVV | 459236 | 631246 | 7.66% | 0.650% |
| 98 | 15.609 | 2296 | 2299 | 2306 | rVB | 742348 | 983066 | 11.93% | 1.012% |
| 99 | 17.103 | 2546 | 2553 | 2560 | rVB | 927157 | 1793447 | 21.77% | 1.846% |
| 100 | 17.568 | 2624 | 2632 | 2644 | rVB | 642865 | 1492576 | 18.11% | 1.537% |

Sum of corrected areas: 97136012

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
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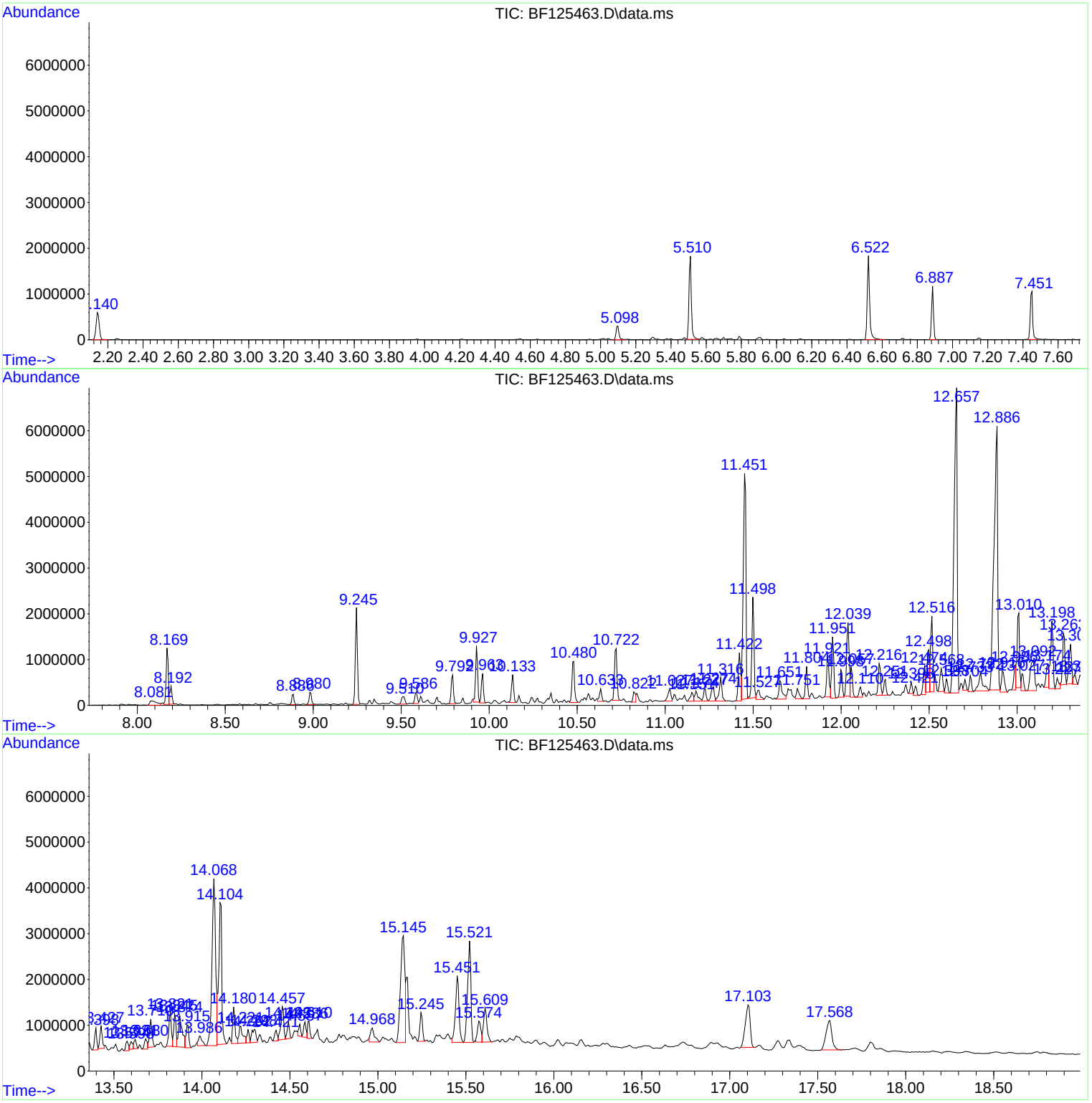
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

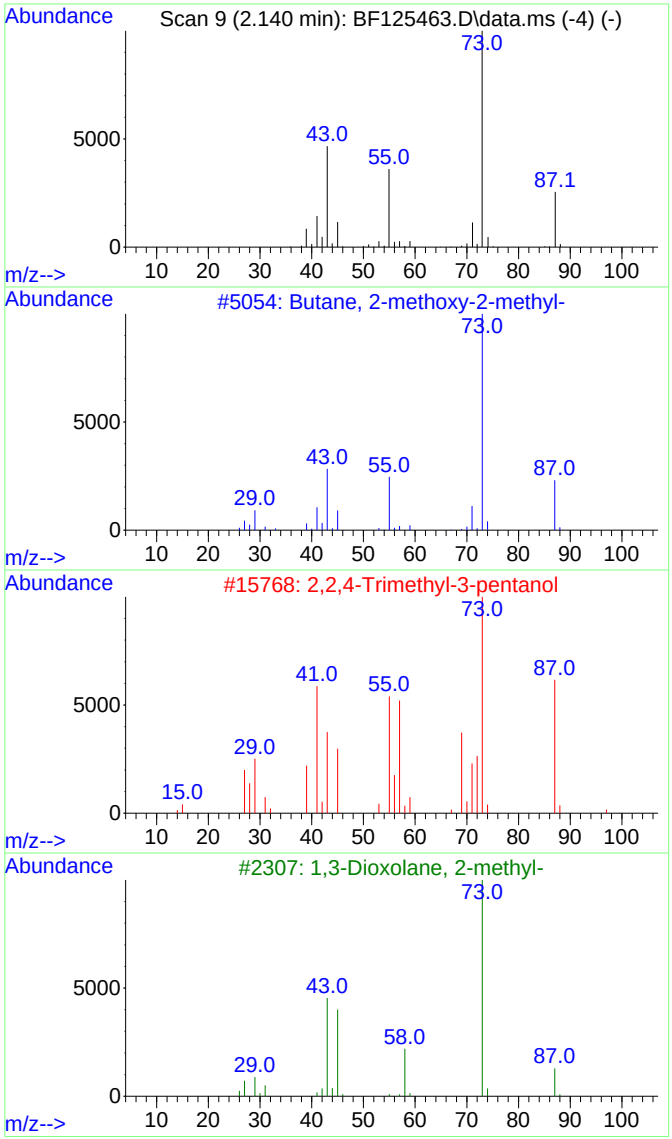
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

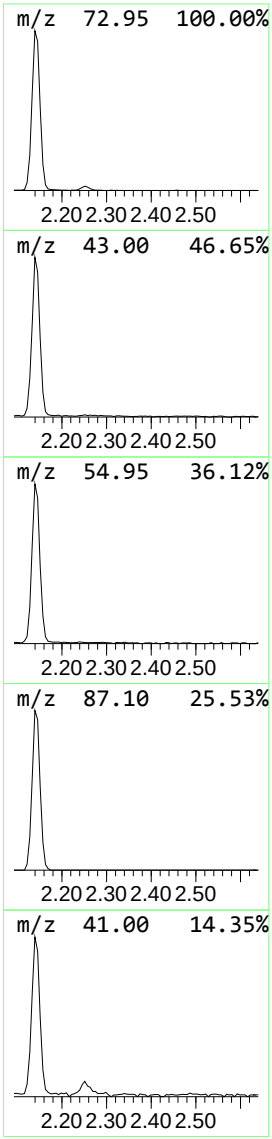
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.140 | 16.59 ng | 741102 | 1,4-Dichlorobenzene-d4 | 6.886 |

| 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 | 40 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 32 |
| 4 | 3-Pentanol, 3-methyl- | 102 | C6H14O | 000077-74-7 | 23 |
| 5 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 23 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

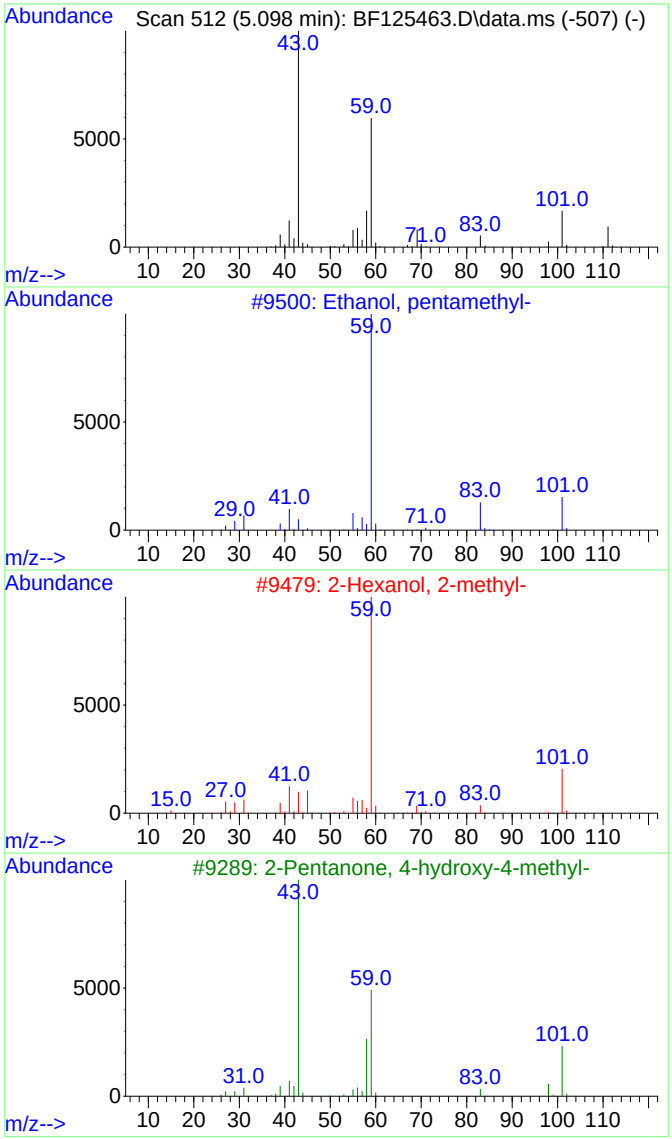
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

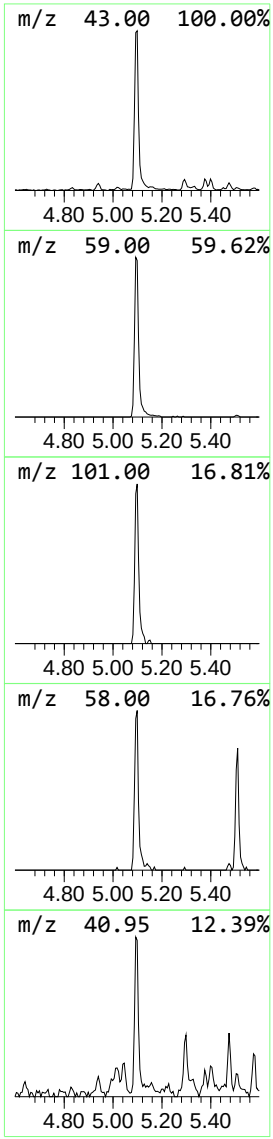
**********

Peak Number 2 unknown5.098 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.098 | 7.87 ng | 351598 | 1,4-Dichlorobenzene-d4 | 6.886 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, pentamethyl- | 116 | C7H16O | 000594-83-2 | 47 |
| 2 | 2-Hexanol, 2-methyl- | 116 | C7H16O | 000625-23-0 | 47 |
| 3 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 40 |
| 4 | 3-Hydroxy-3-methyl-2-butanone | 102 | C5H10O2 | 000115-22-0 | 35 |
| 5 | 3-Octanol | 130 | C8H18O | 000589-98-0 | 28 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

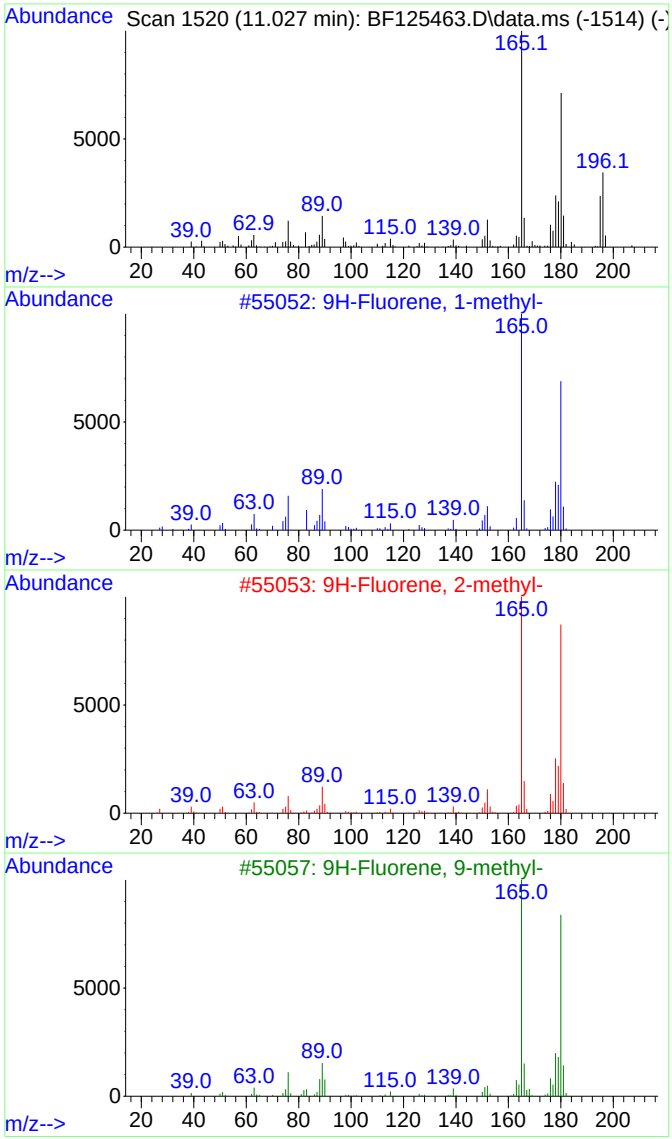
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

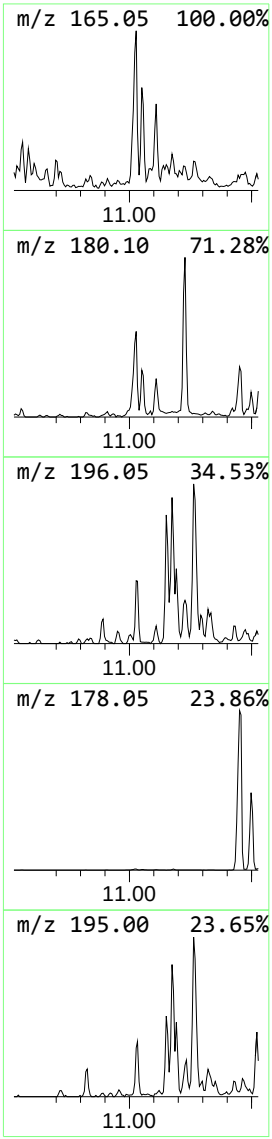
**********

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.027 | 5.73 ng | 318722 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 96 |
| 2 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 91 |
| 3 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 83 |
| 4 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 64 |
| 5 | 9H-Fluorene, 4-methyl- | 180 | C14H12 | 001556-99-6 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

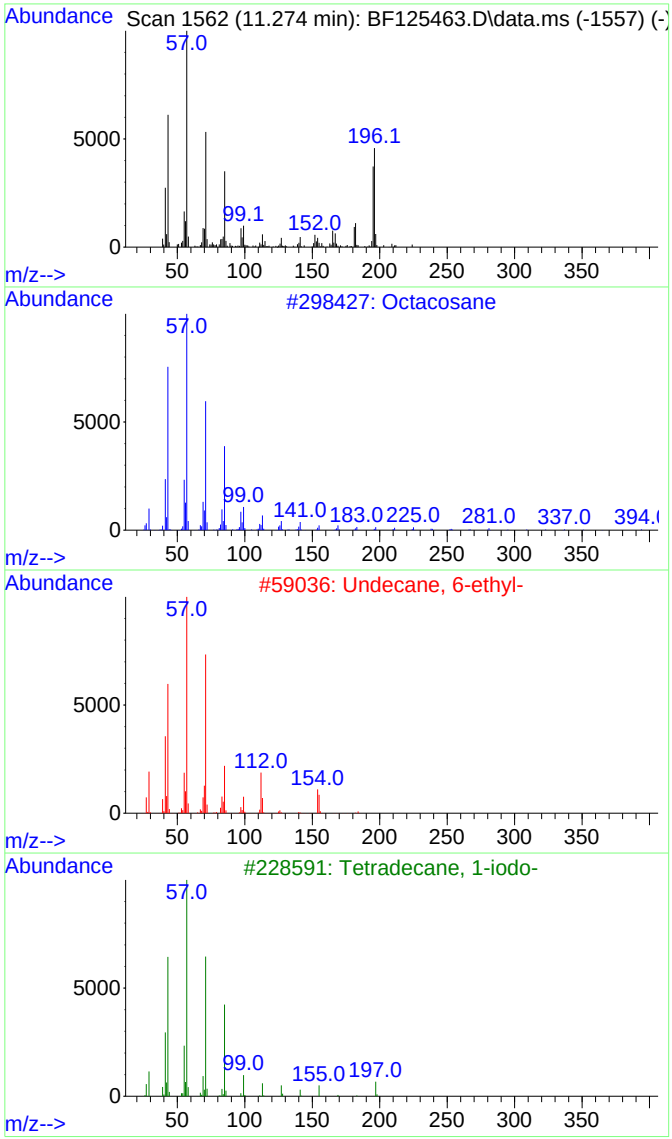
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

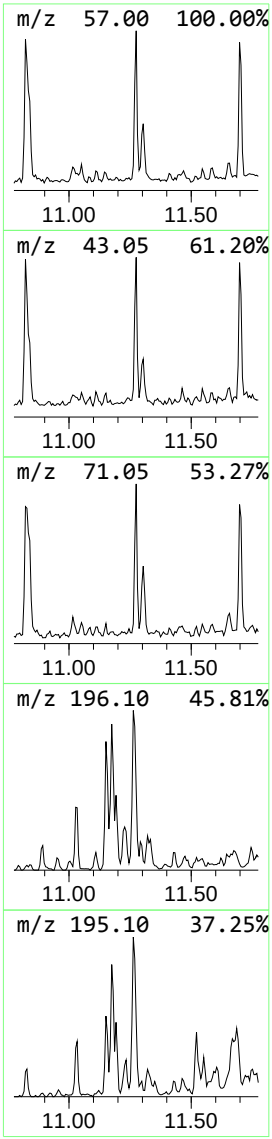
**********

Peak Number 4 Octacosane Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.275 | 6.92 ng | 384600 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 50 |
| 2 | Undecane, 6-ethyl- | 184 | C13H28 | 017312-60-6 | 46 |
| 3 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 45 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 45 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

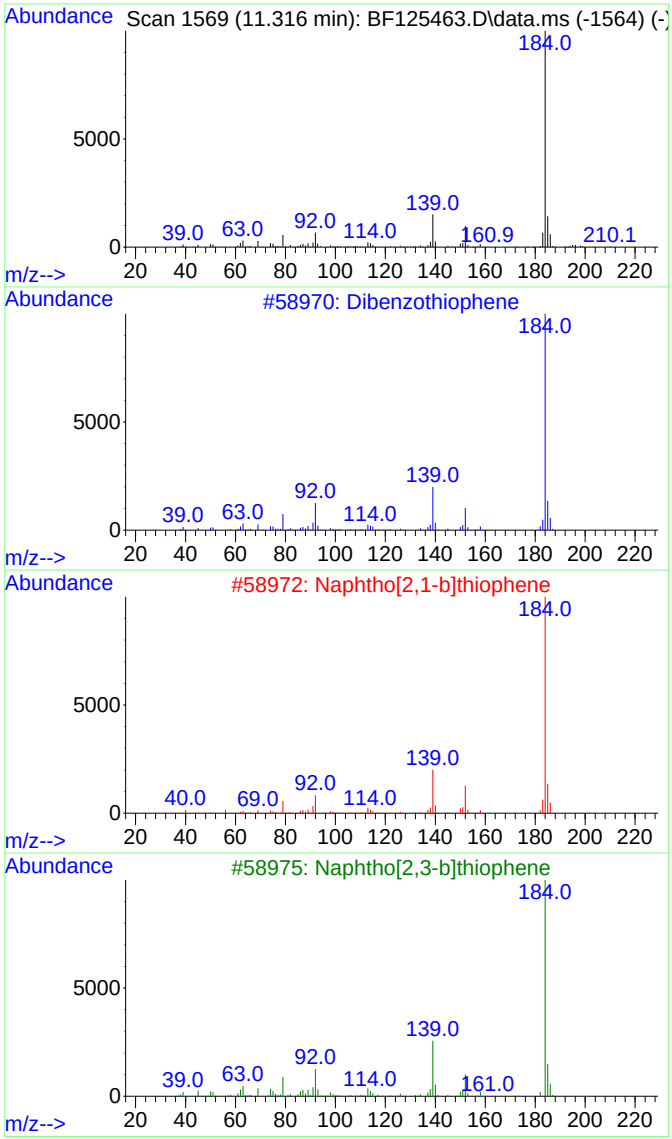
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

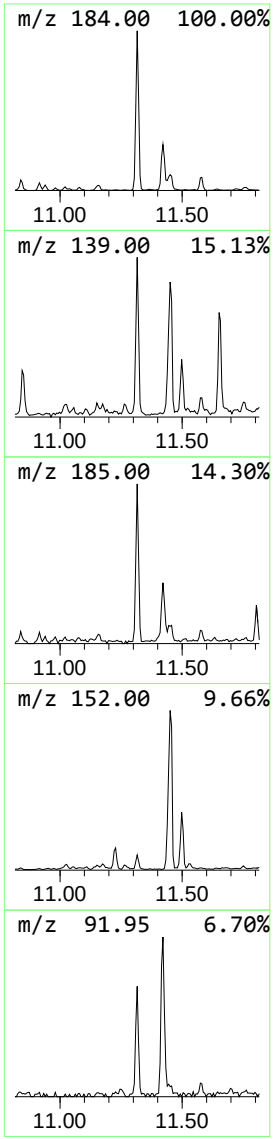
**********

Peak Number 5 Dibenzothiophene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.316 | 9.97 ng | 554054 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 96 |
| 2 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 94 |
| 3 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 93 |
| 4 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 93 |
| 5 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 91 |



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Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

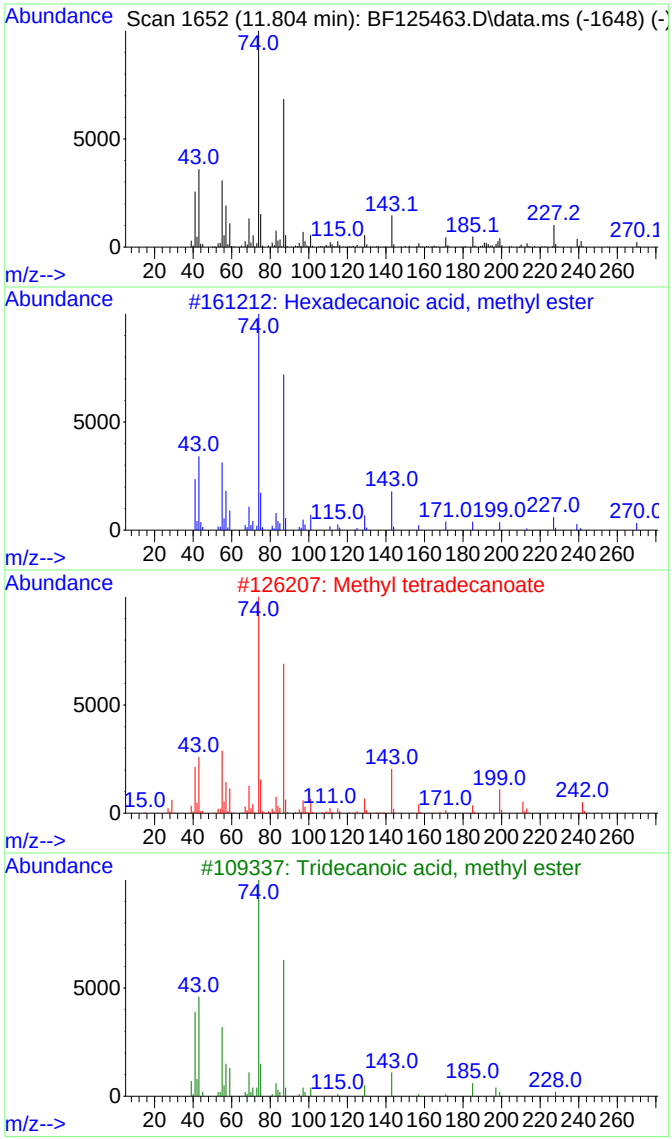
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

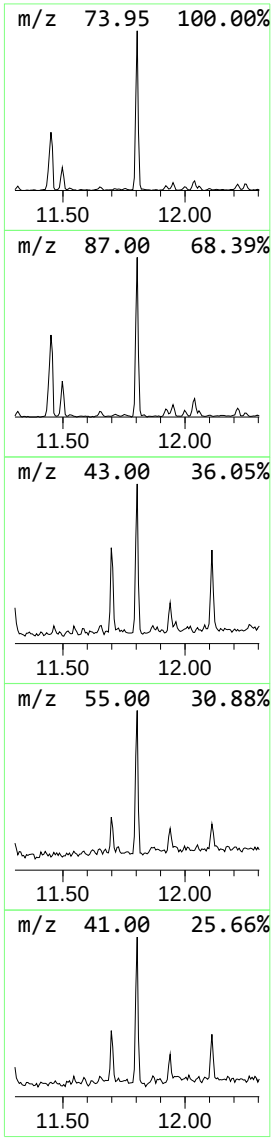
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.804 | 10.43 ng | 579750 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 98 |
| 2 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 94 |
| 3 | Tridecanoic acid, methyl ester | 228 | C14H28O2 | 001731-88-0 | 91 |
| 4 | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 81 |
| 5 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 80 |



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Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

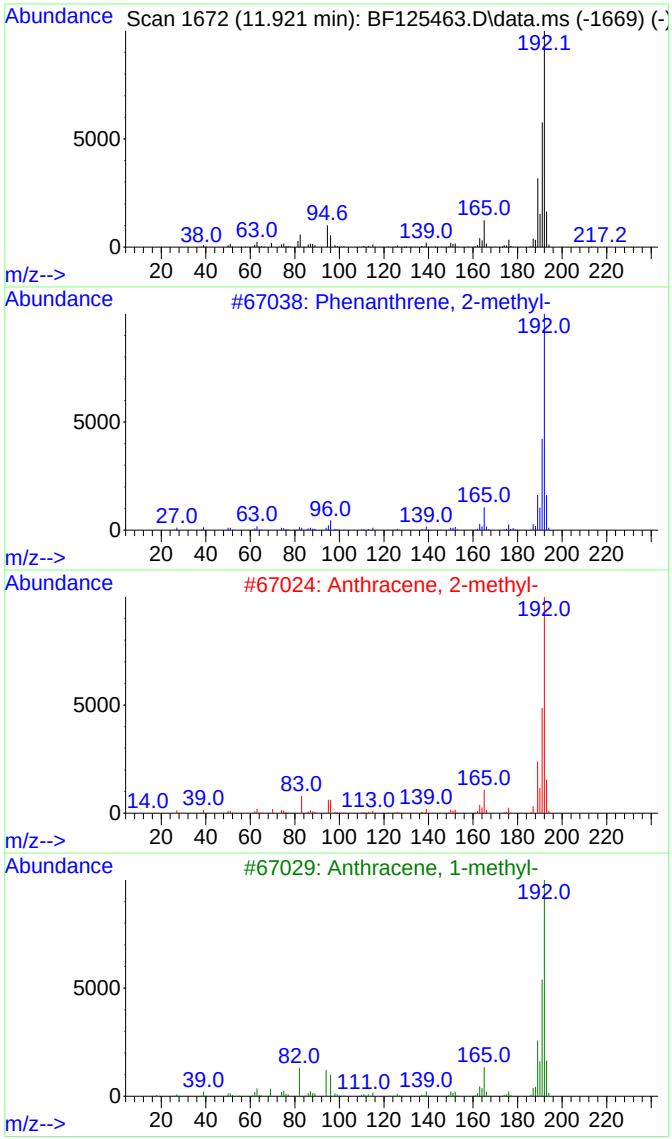
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

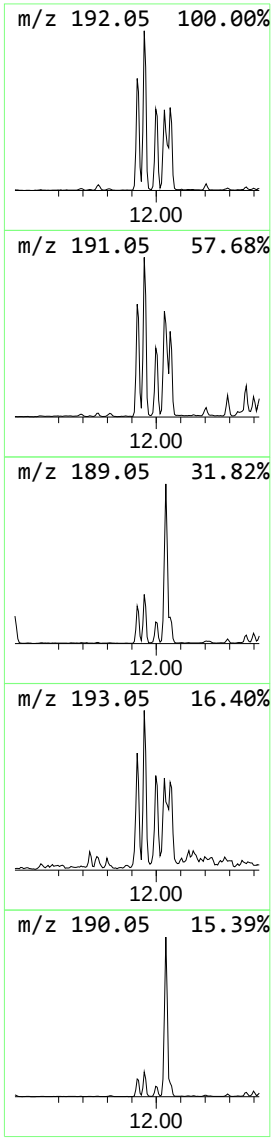
**********

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.922 | 15.37 ng | 854157 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 94 |



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Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

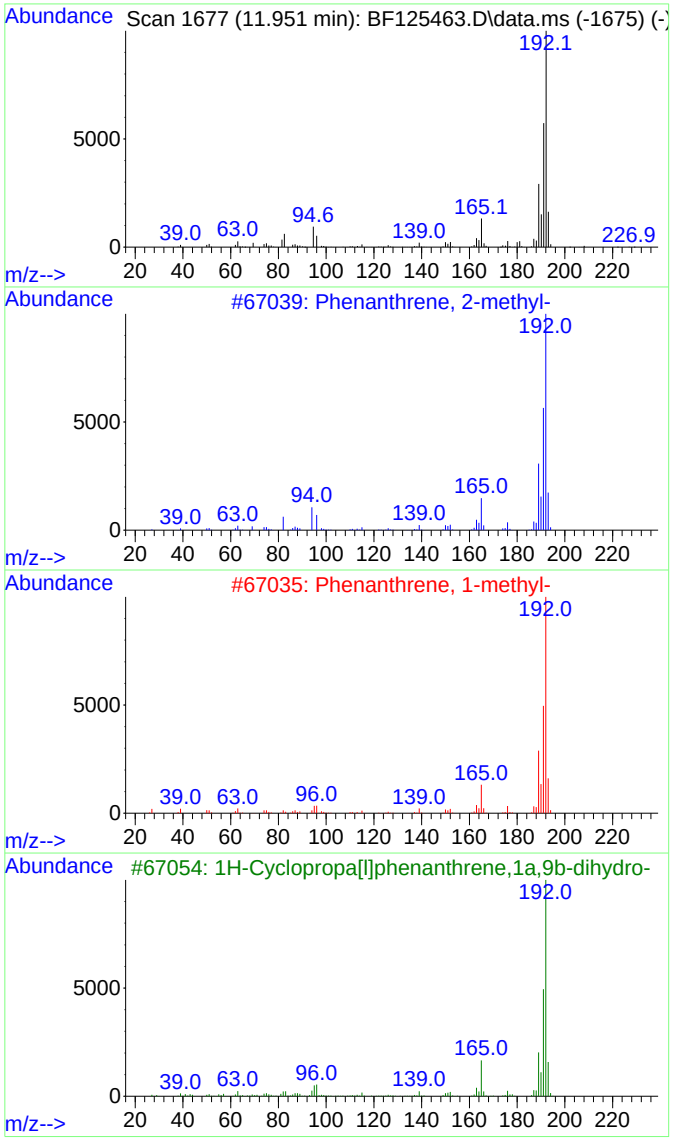
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

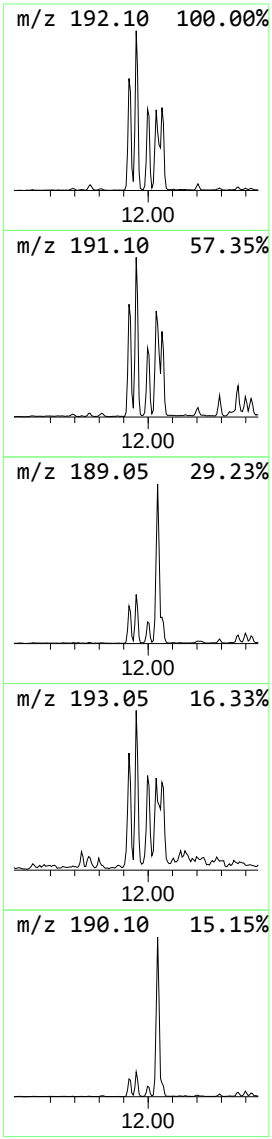
**********

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.951 | 19.30 ng | 1072700 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 94 |



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Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

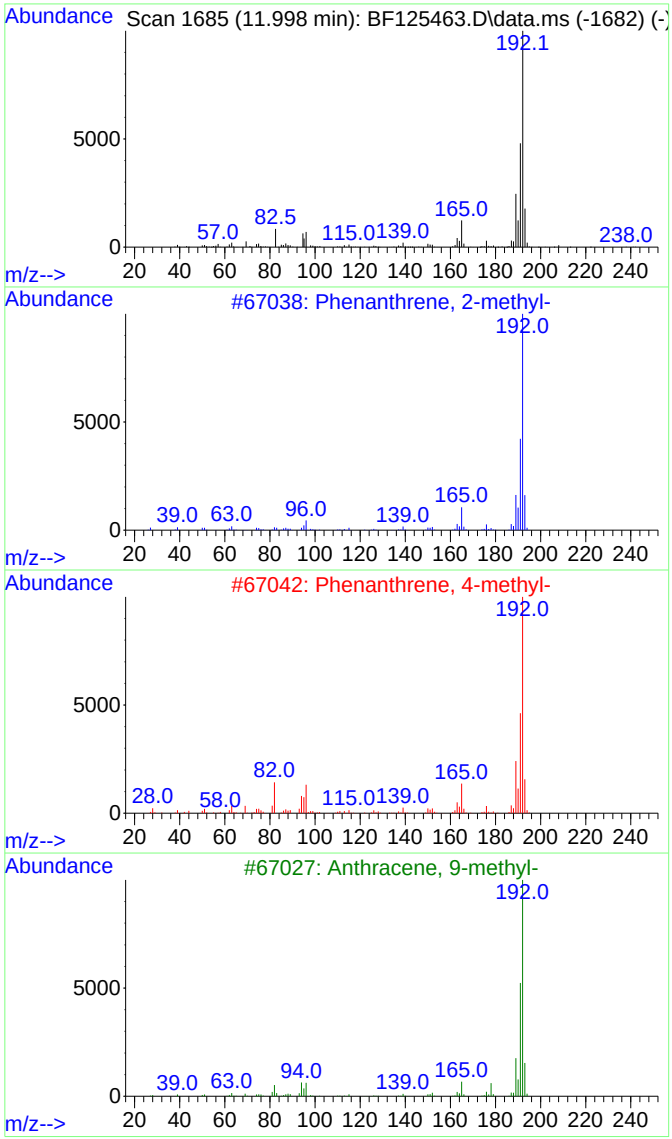
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

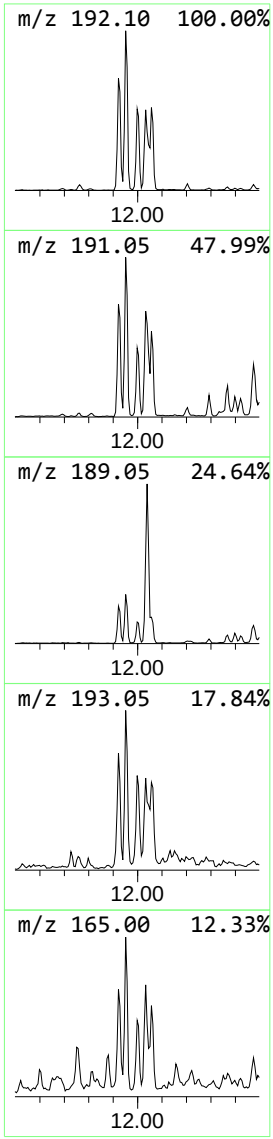
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.998 | 9.82 ng | 545971 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 95 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 94 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |



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Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

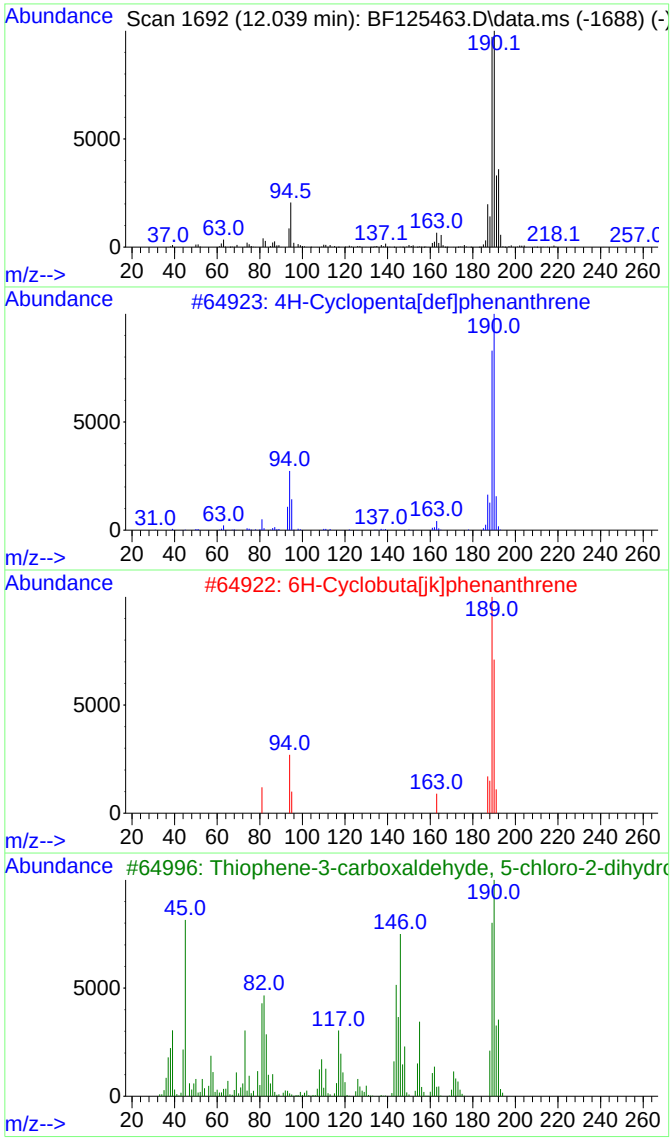
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

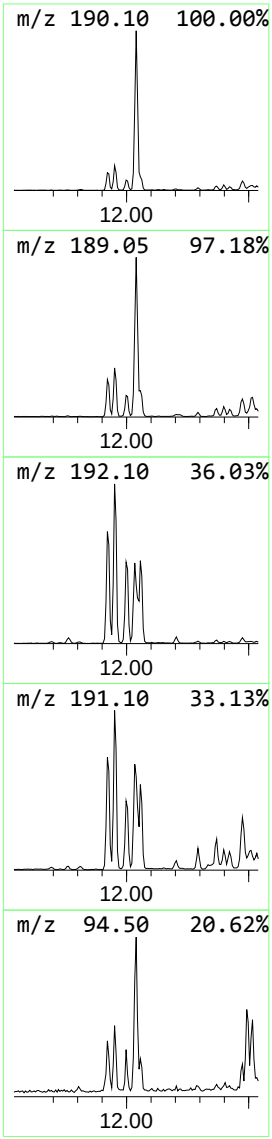
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.039 | 29.91 ng | 1662550 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 93 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 64 |
| 3 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 52 |
| 4 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 49 |
| 5 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 45 |



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Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

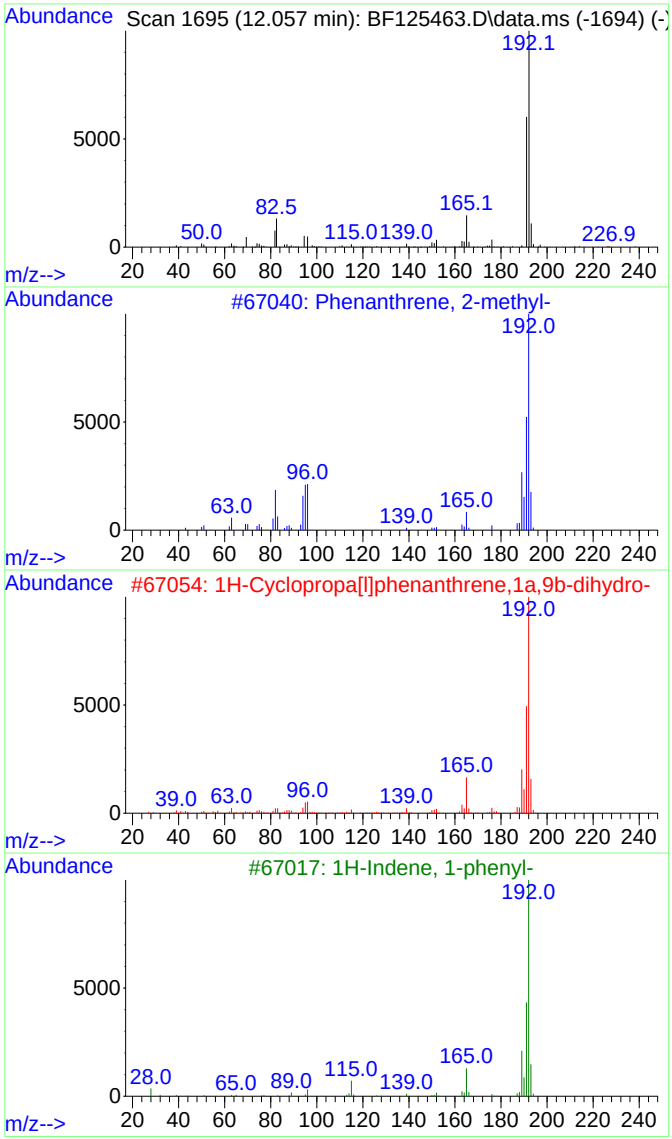
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

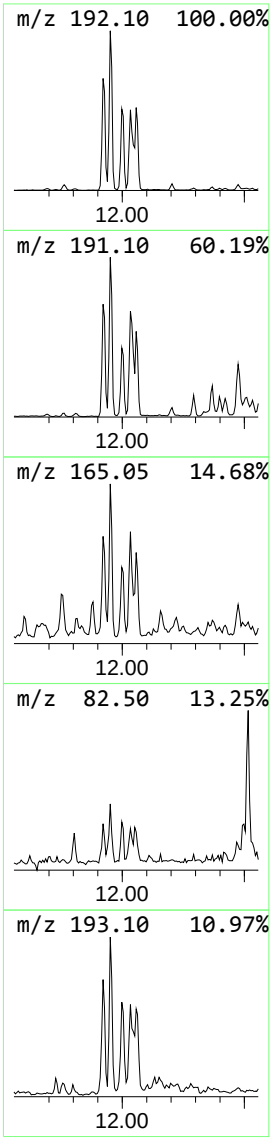
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.057 | 8.20 ng | 455597 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 83 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 81 |
| 3 | 1H-Indene, 1-phenyl- | 192 | C15H12 | 001961-96-2 | 76 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 74 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 72 |



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Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

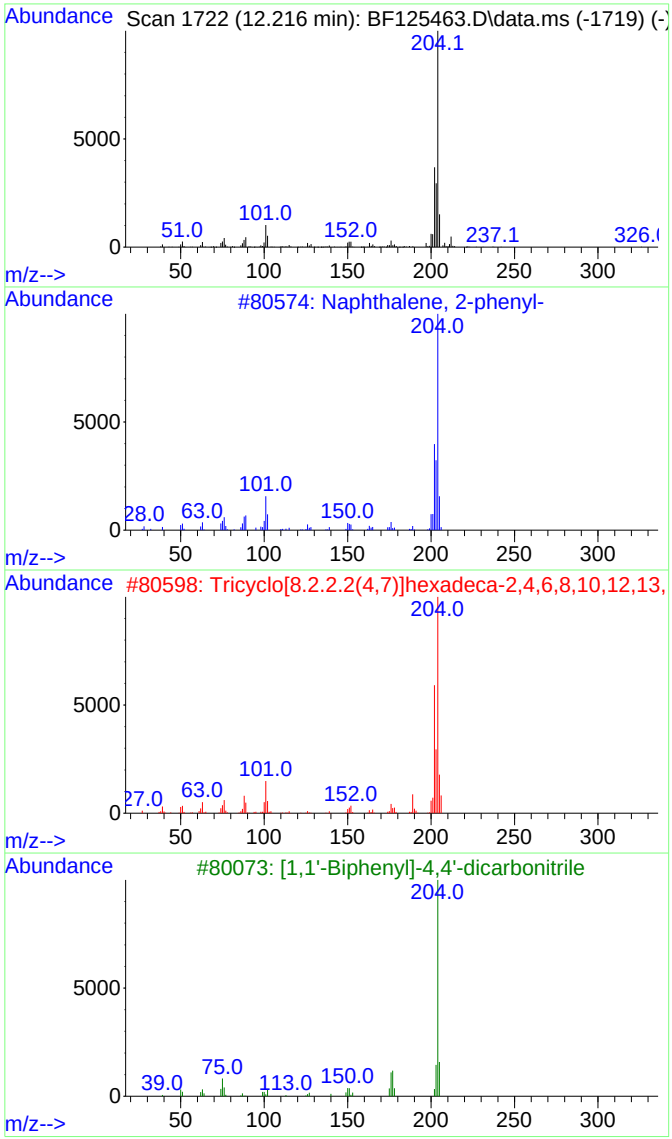
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

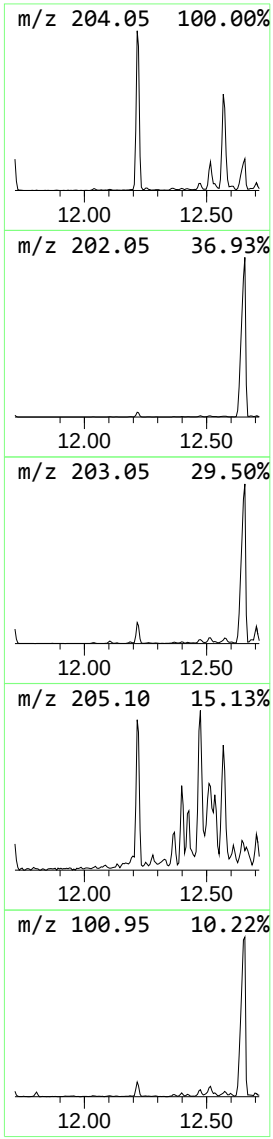
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.216 | 11.67 ng | 648596 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 81 |
| 3 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 50 |
| 4 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 50 |
| 5 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 50 |



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Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

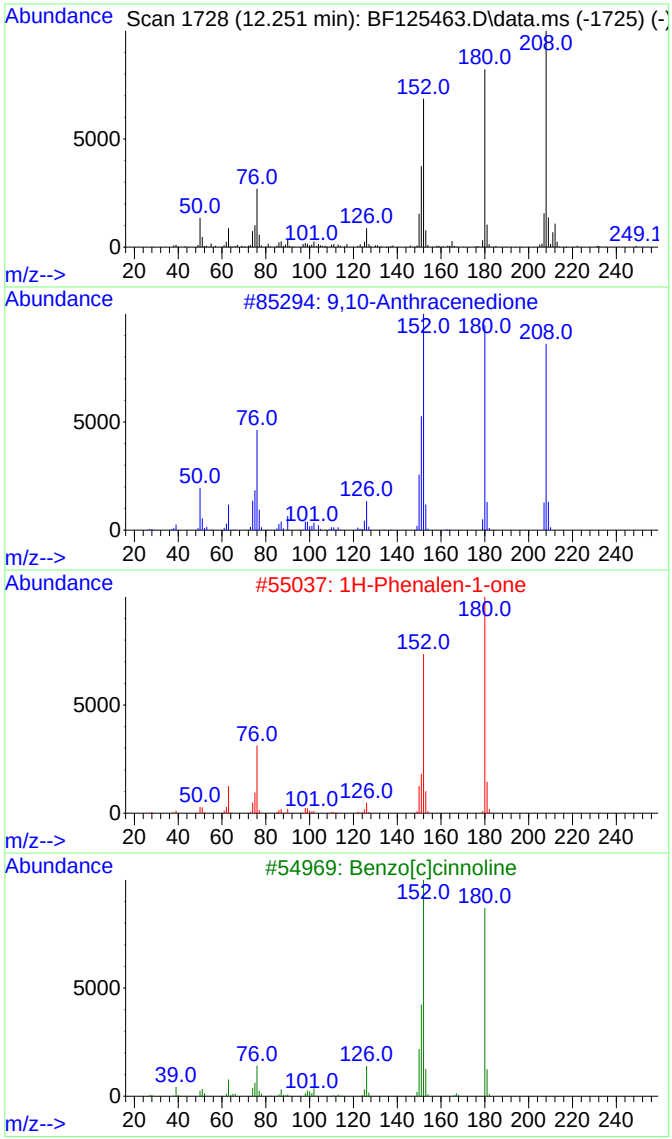
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

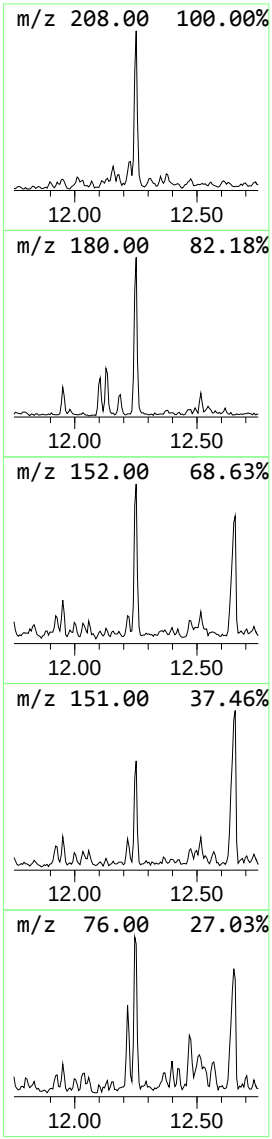
**********

Peak Number 13 9,10-Anthracenedione Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.251 | 5.47 ng | 303941 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98 |
| 2 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 90 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 70 |
| 4 | 1,4-Anthracenedione | 208 | C14H8O2 | 000635-12-1 | 49 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 49 |



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Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

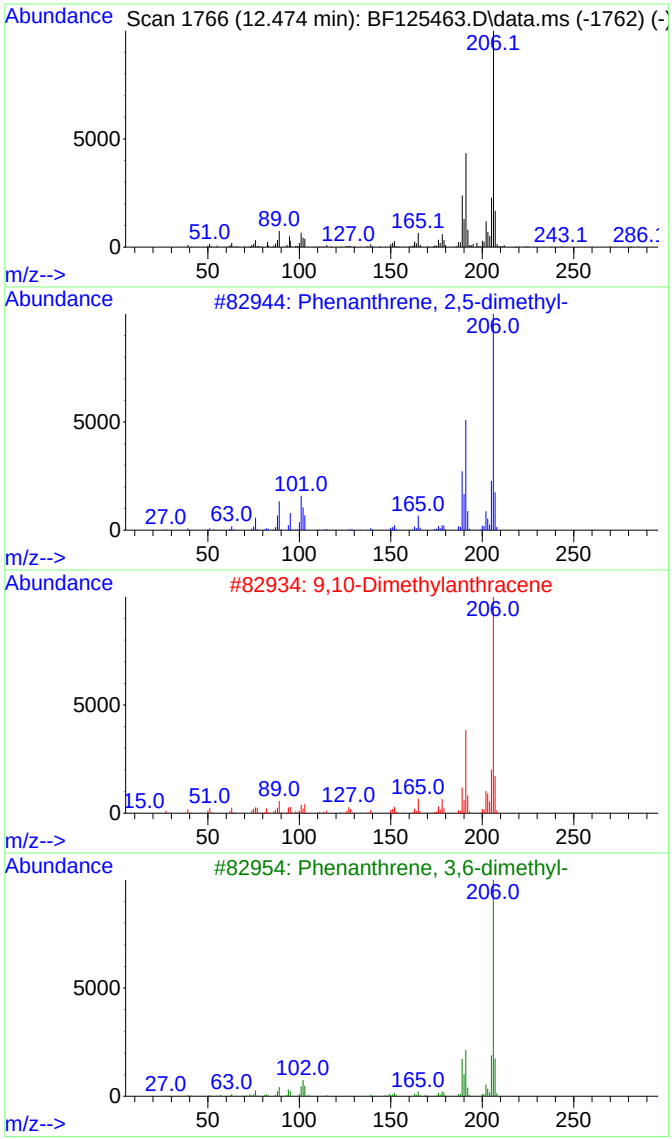
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

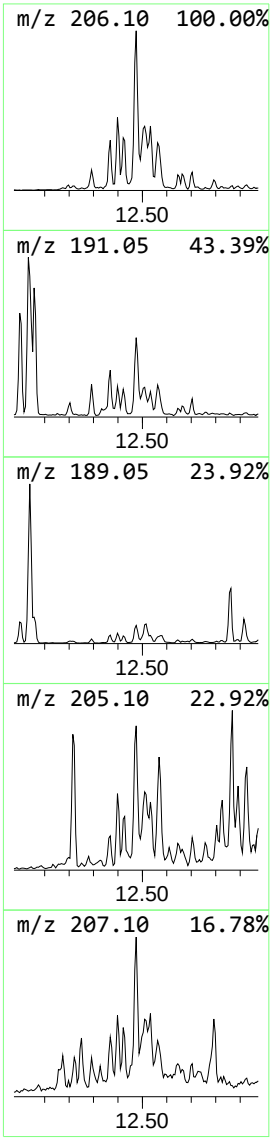
**********

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.474 | 10.88 ng | 605010 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 96 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 96 |
| 3 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 91 |
| 4 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 90 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 87 |



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Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SU-04-091021

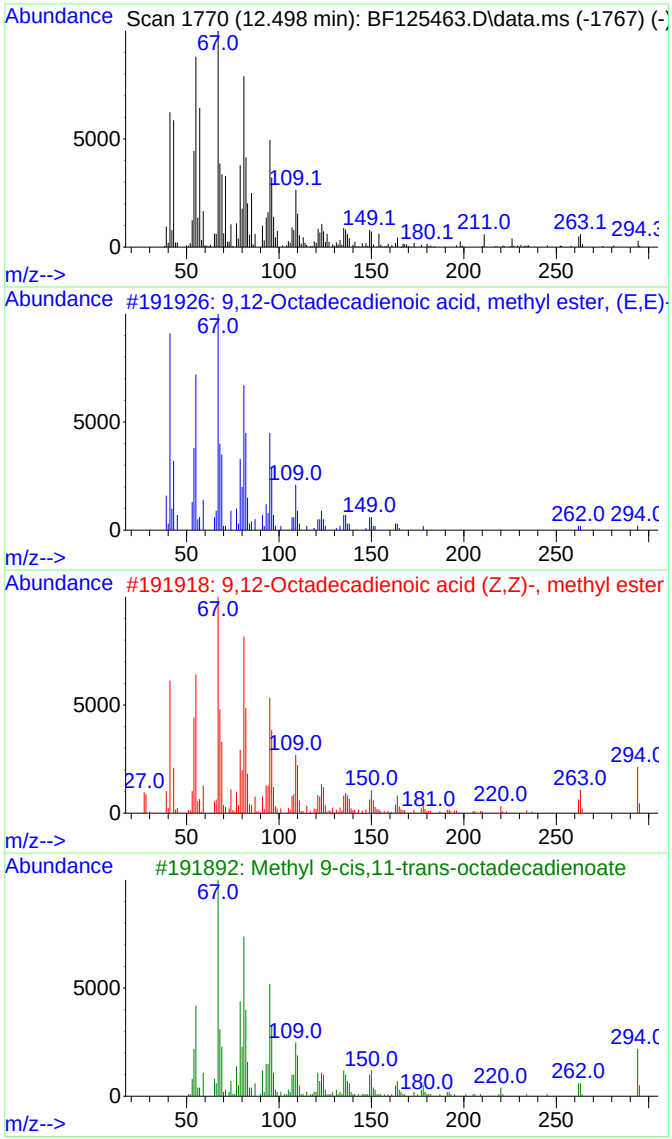
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

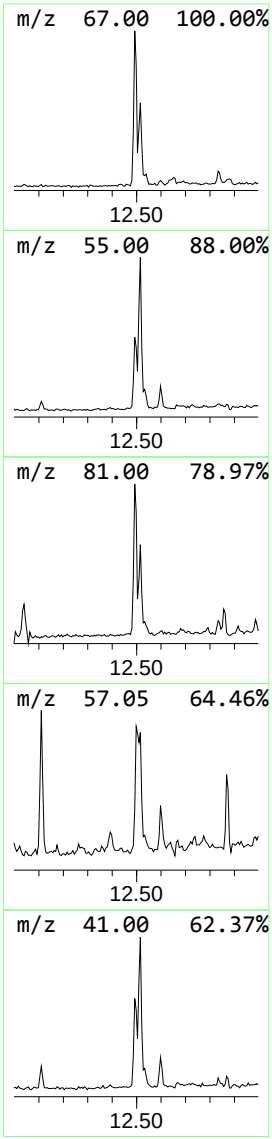
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.498 | 17.86 ng | 993064 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 99 |
| 2 | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 99 |
| 3 | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2 | 013058-52-1 | 98 |
| 4 | 8,11-Octadecadienoic acid, methy... | 294 | C19H34O2 | 056599-58-7 | 98 |
| 5 | 11,14-Octadecadienoic acid, meth... | 294 | C19H34O2 | 056554-61-1 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

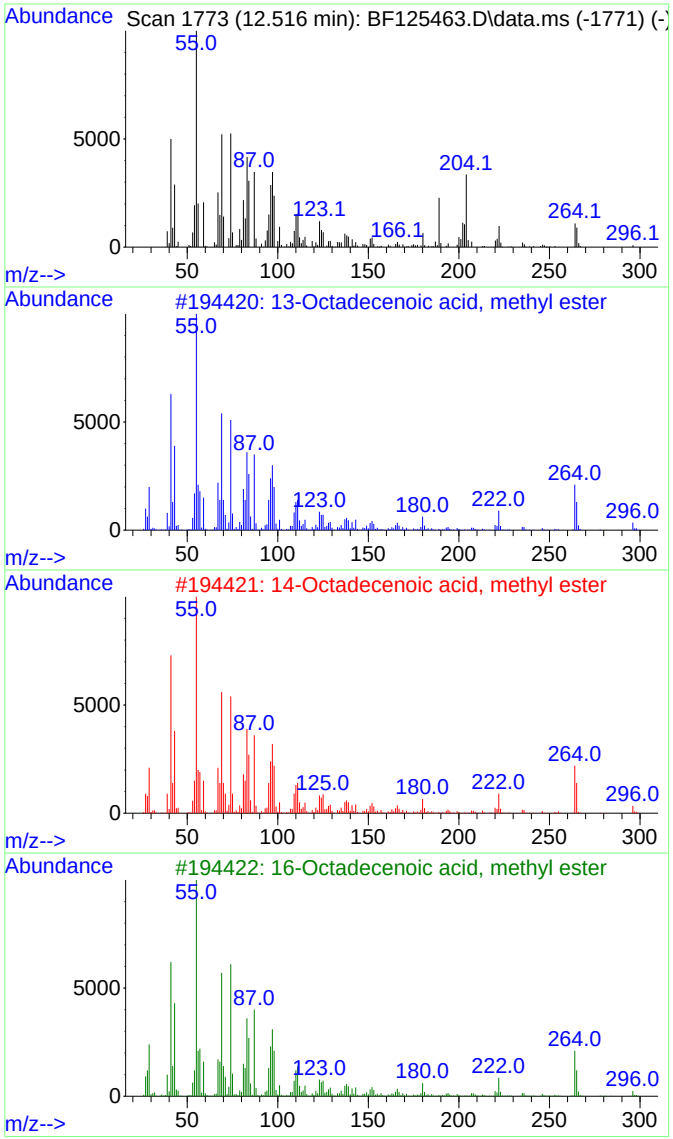
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

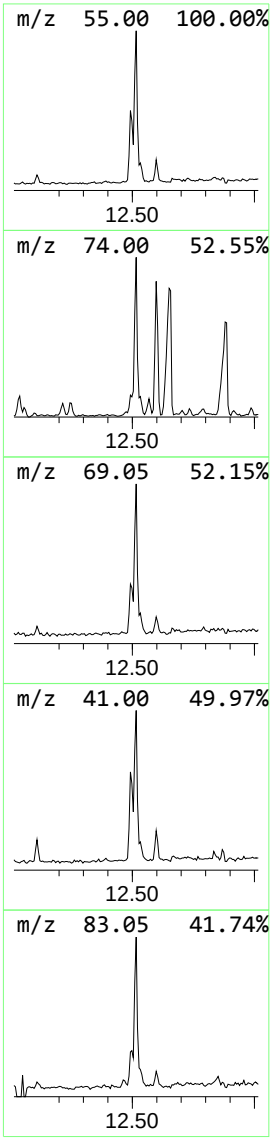
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 13-Octadecenoic acid, methy... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.516 | 24.97 ng | 1388070 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 13-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-47-3 | 99 |
| 2 | 14-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-48-4 | 99 |
| 3 | 16-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-49-5 | 98 |
| 4 | 9-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 002462-84-2 | 98 |
| 5 | (Z)-15-Octadecenoic acid methyl ... | 296 | C19H36O2 | 1000427-69-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SU-04-091021

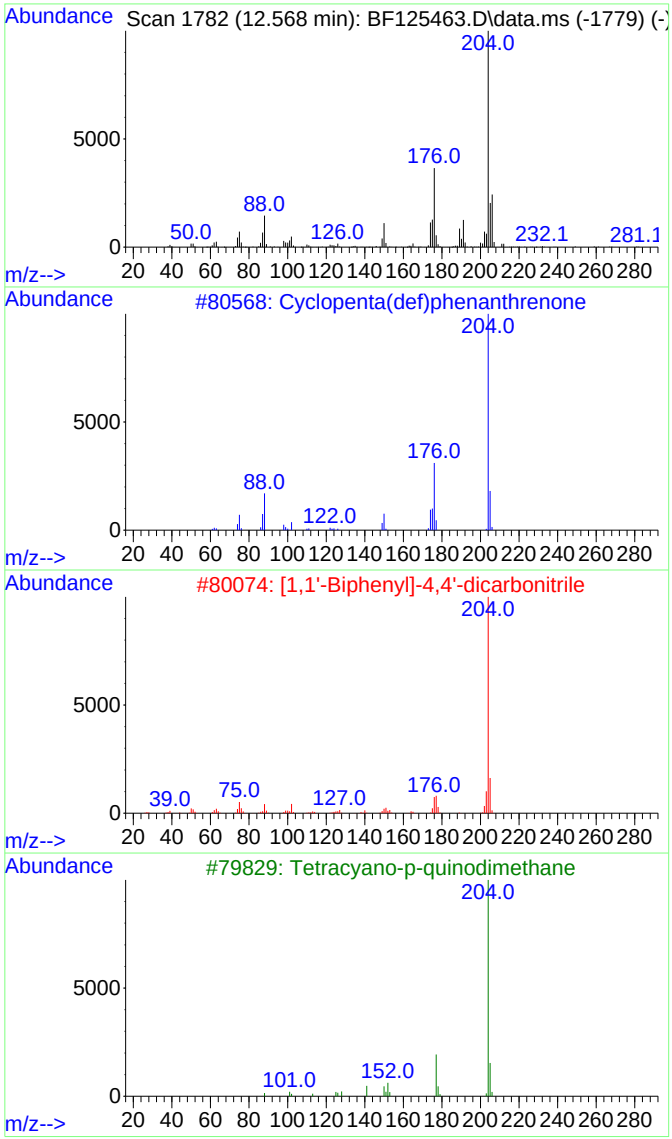
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

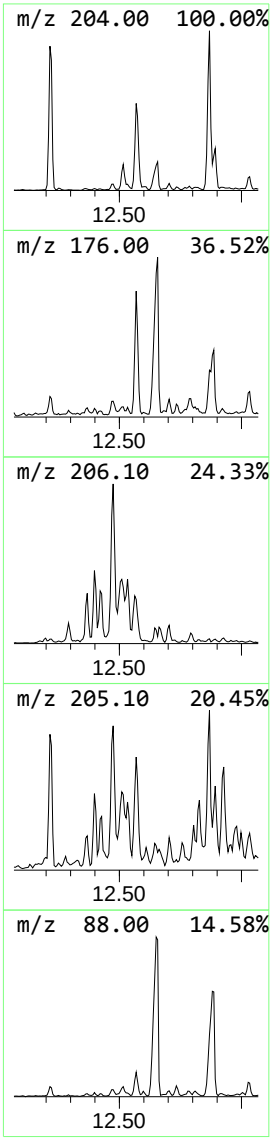
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.569 | 9.67 ng | 537438 | Phenanthrene-d10 | 11.422 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 96 |
| 2 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 58 |
| 3 | Tetracyano-p-quinodimethane | 204 | C12H4N4 | 001518-16-7 | 47 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 46 |
| 5 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

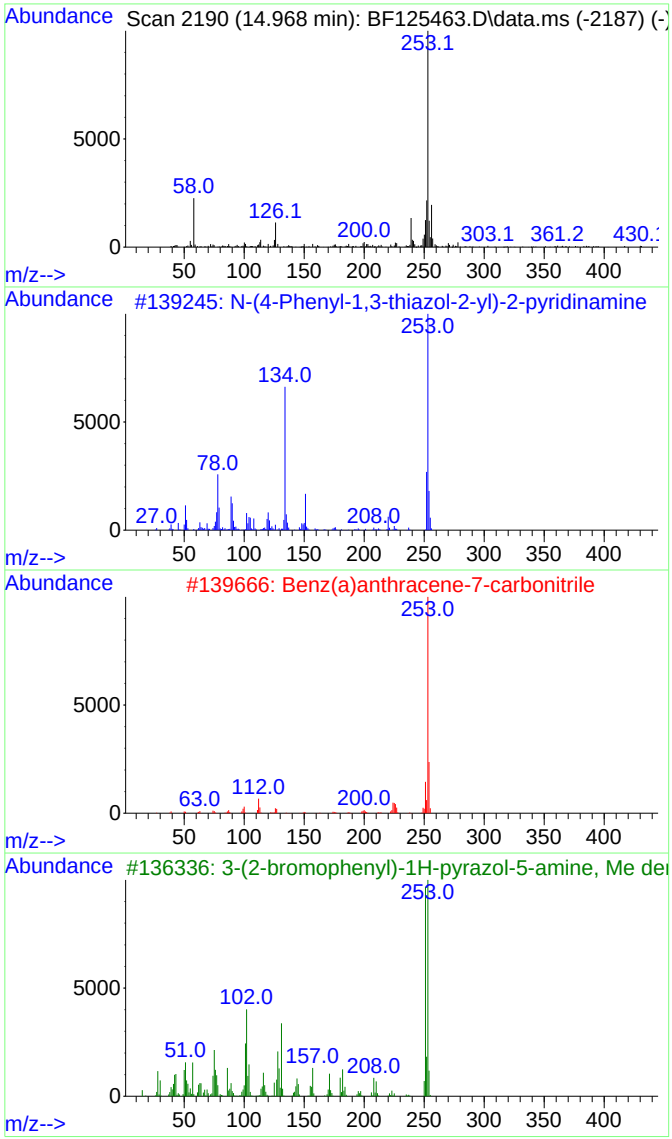
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

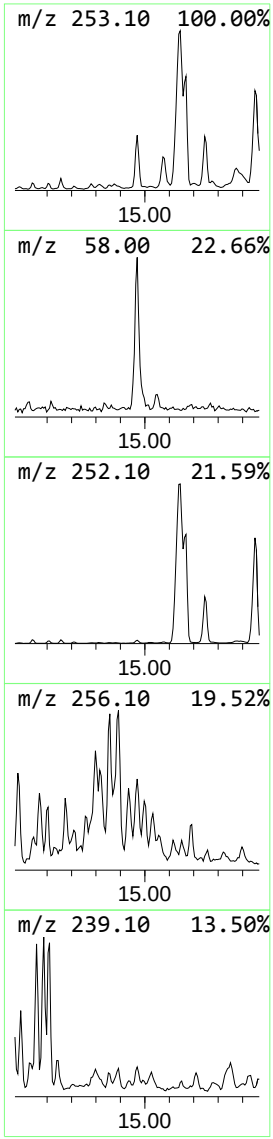
**********

Peak Number 18 unknown14.968 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.968 | 15.09 ng | 476374 | Perylene-d12 | 15.574 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-(4-Phenyl-1,3-thiazol-2-yl)-2-... | 253 | C14H11N3S | 1000485-04-5 | 47 |
| 2 | Benz(a)anthracene-7-carbonitrile | 253 | C19H11N | 007476-08-6 | 43 |
| 3 | 3-(2-bromophenyl)-1H-pyrazol-5-a... | 251 | C10H10BrN3 | 1000509-40-5 | 33 |
| 4 | 4,5-Dihydrobenzo[e]pyrene | 254 | C20H14 | 095676-42-9 | 33 |
| 5 | Succinic acid, 2-bromo-4-fluorop... | 442 | C22H16BrFO4 | 1010358-01-9 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

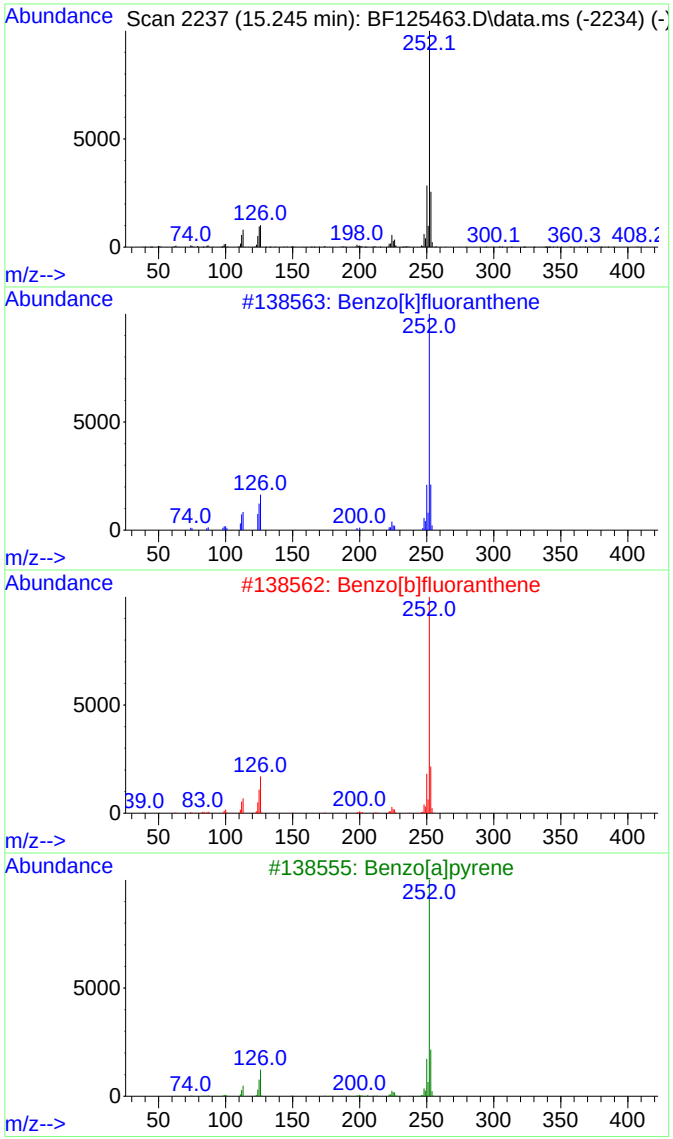
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

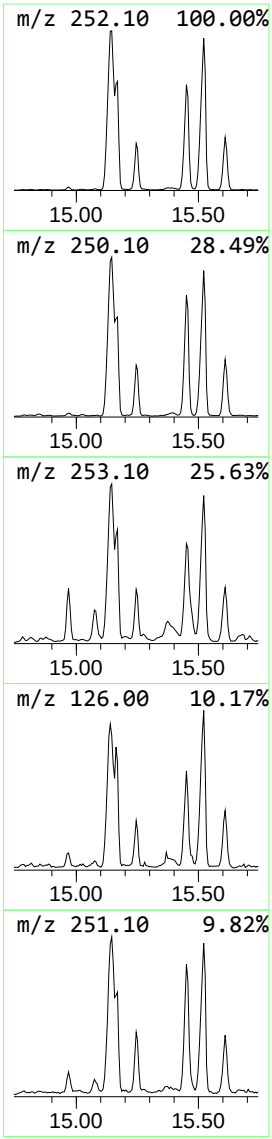
**********

Peak Number 19 Benzo[e]pyrene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.245 | 20.44 ng | 645049 | Perylene-d12 | 15.574 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 2 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 94 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 94 |
| 4 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 93 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

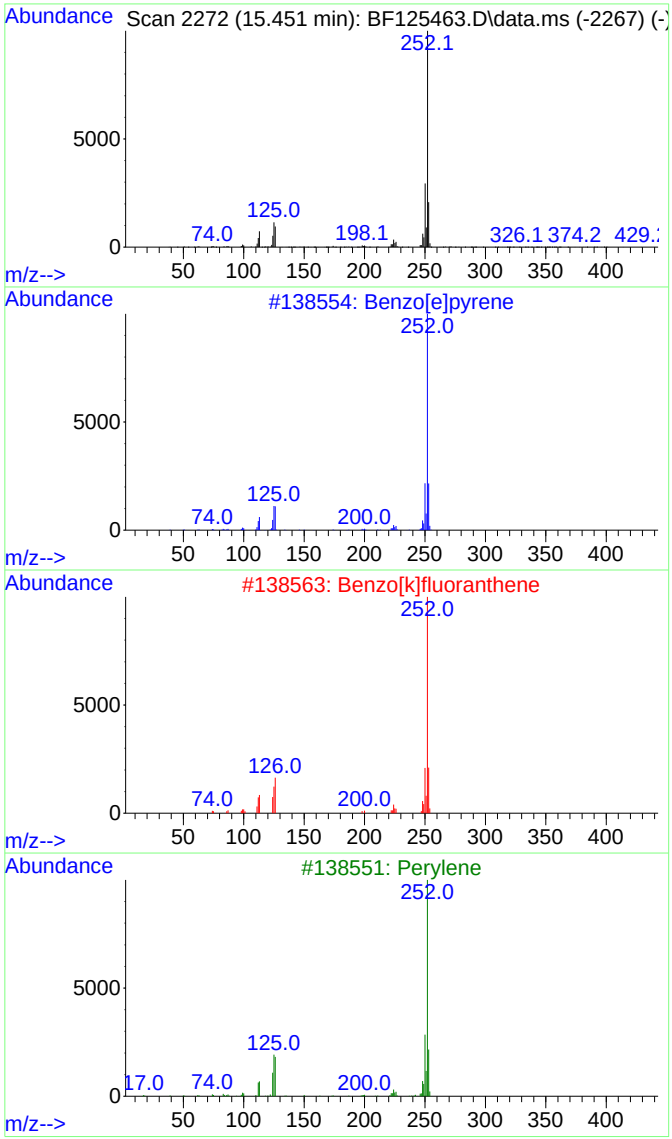
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

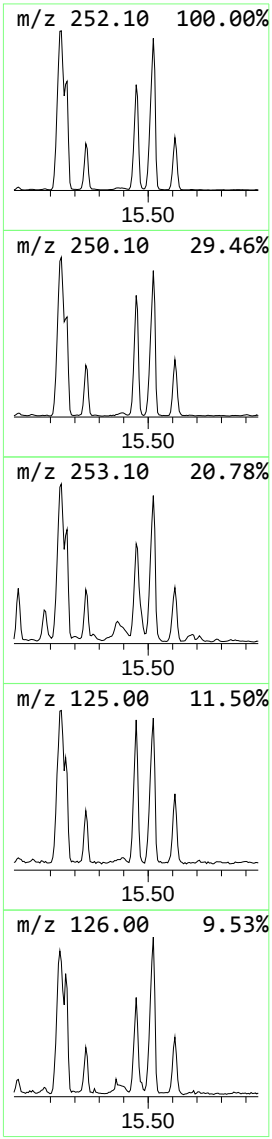
**********

Peak Number 20 Perylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.451 | 63.28 ng | 1997120 | Perylene-d12 | 15.574 |

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



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125463.D
Acq On : 14 Sep 2021 1:38
Operator : JU/CG
Sample : M3719-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SU-04-091021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 2.140 | 16.6 | ng | 741102 | 1 | 6.886 | 893630 | 20.0 |
| unknown5.098 | 5.098 | 7.9 | ng | 351598 | 1 | 6.886 | 893630 | 20.0 |
| 9H-Fluorene, 1-... | 11.027 | 5.7 | ng | 318722 | 4 | 11.422 | 1111750 | 20.0 |
| Octacosane | 11.275 | 6.9 | ng | 384600 | 4 | 11.422 | 1111750 | 20.0 |
| Dibenzothiophene | 11.316 | 10.0 | ng | 554054 | 4 | 11.422 | 1111750 | 20.0 |
| Hexadecanoic ac... | 11.804 | 10.4 | ng | 579750 | 4 | 11.422 | 1111750 | 20.0 |
| Phenanthrene, 2... | 11.922 | 15.4 | ng | 854157 | 4 | 11.422 | 1111750 | 20.0 |
| Phenanthrene, 1... | 11.951 | 19.3 | ng | 1072700 | 4 | 11.422 | 1111750 | 20.0 |
| Phenanthrene, 4... | 11.998 | 9.8 | ng | 545971 | 4 | 11.422 | 1111750 | 20.0 |
| 4H-Cyclopenta[d... | 12.039 | 29.9 | ng | 1662550 | 4 | 11.422 | 1111750 | 20.0 |
| 1H-Cyclopropa[l... | 12.057 | 8.2 | ng | 455597 | 4 | 11.422 | 1111750 | 20.0 |
| Naphthalene, 2-... | 12.216 | 11.7 | ng | 648596 | 4 | 11.422 | 1111750 | 20.0 |
| 9,10-Anthracene... | 12.251 | 5.5 | ng | 303941 | 4 | 11.422 | 1111750 | 20.0 |
| Phenanthrene, 2... | 12.474 | 10.9 | ng | 605010 | 4 | 11.422 | 1111750 | 20.0 |
| 9,12-Octadecadi... | 12.498 | 17.9 | ng | 993064 | 4 | 11.422 | 1111750 | 20.0 |
| 13-Octadecenoic... | 12.516 | 25.0 | ng | 1388070 | 4 | 11.422 | 1111750 | 20.0 |
| Cyclopenta(def)... | 12.569 | 9.7 | ng | 537438 | 4 | 11.422 | 1111750 | 20.0 |
| unknown14.968 | 14.968 | 15.1 | ng | 476374 | 6 | 15.574 | 631246 | 20.0 |
| Benzo[e]pyrene | 15.245 | 20.4 | ng | 645049 | 6 | 15.574 | 631246 | 20.0 |
| Perylene | 15.451 | 63.3 | ng | 1997120 | 6 | 15.574 | 631246 | 20.0 |