LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

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-BF040820.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 | 5.269 | 538 | 541 | 552 | rBV | 652602 | 614248 | 57.21% | 4.712% |
| 2 | 6.310 | 714 | 718 | 728 | rBV | 618010 | 649548 | 60.50% | 4.983% |
| 3 | 6.498 | 747 | 750 | 755 | rBV2 | 11700 | 13298 | 1.24% | 0.102% |
| 4 | 6.663 | 774 | 778 | 781 | rBV | 977038 | 781525 | 72.79% | 5.996% |
| 5 | 6.816 | 801 | 804 | 808 | rBV | 707574 | 543896 | 50.66% | 4.173% |
| 6 | 7.222 | 870 | 873 | 877 | rBV | 464419 | 388498 | 36.18% | 2.980% |
| 7 | 7.945 | 993 | 996 | 1000 | rBV | 1178946 | 1048407 | 97.65% | 8.043% |
| 8 | 8.228 | 1042 | 1044 | 1049 | rBV2 | 18259 | 16457 | 1.53% | 0.126% |
| 9 | 8.757 | 1127 | 1134 | 1139 | rVB | 19223 | 18097 | 1.69% | 0.139% |
| 10 | 9.022 | 1176 | 1179 | 1183 | rBV | 948375 | 830869 | 77.38% | 6.374% |
| 11 | 9.116 | 1190 | 1195 | 1199 | rBV3 | 11098 | 16563 | 1.54% | 0.127% |
| 12 | 9.292 | 1218 | 1225 | 1227 | rBV2 | 13360 | 17828 | 1.66% | 0.137% |
| 13 | 9.363 | 1233 | 1237 | 1239 | rBV | 25535 | 24572 | 2.29% | 0.189% |
| 14 | 9.422 | 1244 | 1247 | 1254 | rVB | 111251 | 94614 | 8.81% | 0.726% |
| 15 | 9.563 | 1267 | 1271 | 1274 | rVB | 31476 | 25937 | 2.42% | 0.199% |
| 16 | 9.698 | 1291 | 1294 | 1298 | rBV | 1201072 | 1073689 | 100.00% | 8.237% |
| 17 | 9.733 | 1298 | 1300 | 1304 | rVB2 | 19007 | 17754 | 1.65% | 0.136% |
| 18 | 9.904 | 1326 | 1329 | 1332 | rVB2 | 19354 | 15320 | 1.43% | 0.118% |
| 19 | 10.016 | 1343 | 1348 | 1351 | rBV3 | 14605 | 15916 | 1.48% | 0.122% |
| 20 | 10.139 | 1368 | 1369 | 1375 | rVB2 | 10721 | 11496 | 1.07% | 0.088% |
| 21 | 10.245 | 1384 | 1387 | 1393 | rVB2 | 34689 | 34062 | 3.17% | 0.261% |
| 22 | 10.486 | 1424 | 1428 | 1433 | rBV | 497444 | 409230 | 38.11% | 3.140% |
| 23 | 10.616 | 1446 | 1450 | 1454 | rVB3 | 23064 | 24608 | 2.29% | 0.189% |
| 24 | 10.792 | 1475 | 1480 | 1483 | rBV3 | 14777 | 23224 | 2.16% | 0.178% |
| 25 | 10.822 | 1483 | 1485 | 1492 | rVB2 | 15275 | 14054 | 1.31% | 0.108% |
| 26 | 11.080 | 1527 | 1529 | 1533 | rVB2 | 12855 | 16452 | 1.53% | 0.126% |
| 27 | 11.180 | 1543 | 1546 | 1549 | rBV | 1133781 | 962171 | 89.61% | 7.382% |
| 28 | 11.204 | 1549 | 1550 | 1554 | rVV | 191157 | 118387 | 11.03% | 0.908% |
| 29 | 11.257 | 1557 | 1559 | 1562 | rVB | 45790 | 33652 | 3.13% | 0.258% |
| 30 | 11.298 | 1562 | 1566 | 1568 | rBV2 | 10449 | 13633 | 1.27% | 0.105% |
| 31 | 11.421 | 1583 | 1587 | 1589 | rBV | 11172 | 12570 | 1.17% | 0.096% |
| 32 | 11.516 | 1600 | 1603 | 1609 | rVB2 | 15222 | 24591 | 2.29% | 0.189% |
| 33 | 11.586 | 1613 | 1615 | 1621 | rVB4 | 13358 | 19434 | 1.81% | 0.149% |
| 34 | 11.686 | 1628 | 1632 | 1634 | rBV | 48191 | 47859 | 4.46% | 0.367% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.716 | 1634 | 1637 | 1642 | rVV2 | 74329 | 97596 | 9.09% | 0.749% |
| 36 | 11.757 | 1642 | 1644 | 1647 | rVV | 25087 | 28303 | 2.64% | 0.217% |
| 37 | 11.792 | 1647 | 1650 | 1653 | rVV | 78605 | 88982 | 8.29% | 0.683% |
| 38 | 11.816 | 1653 | 1654 | 1659 | rVB | 44693 | 36008 | 3.35% | 0.276% |
| 39 | 11.910 | 1665 | 1670 | 1675 | rVB3 | 32282 | 58376 | 5.44% | 0.448% |
| 40 | 11.957 | 1675 | 1678 | 1680 | rVV3 | 12329 | 12384 | 1.15% | 0.095% |
| 41 | 11.980 | 1680 | 1682 | 1684 | rVV | 25978 | 22826 | 2.13% | 0.175% |
| 42 | 12.010 | 1684 | 1687 | 1690 | rVB4 | 16218 | 19374 | 1.80% | 0.149% |
| 43 | 12.157 | 1710 | 1712 | 1715 | rBV | 19655 | 18256 | 1.70% | 0.140% |
| 44 | 12.233 | 1721 | 1725 | 1728 | rBV | 54459 | 54448 | 5.07% | 0.418% |
| 45 | 12.268 | 1728 | 1731 | 1733 | rVV2 | 42725 | 48242 | 4.49% | 0.370% |
| 46 | 12.292 | 1733 | 1735 | 1737 | rVB2 | 42200 | 32214 | 3.00% | 0.247% |
| 47 | 12.316 | 1737 | 1739 | 1744 | rVB3 | 19298 | 23623 | 2.20% | 0.181% |
| 48 | 12.392 | 1748 | 1752 | 1755 | rBV | 220948 | 179777 | 16.74% | 1.379% |
| 49 | 12.439 | 1757 | 1760 | 1761 | rBV3 | 18719 | 17642 | 1.64% | 0.135% |
| 50 | 12.521 | 1769 | 1774 | 1775 | rBV5 | 13164 | 17097 | 1.59% | 0.131% |
| 51 | 12.598 | 1784 | 1787 | 1789 | rBV | 424363 | 389233 | 36.25% | 2.986% |
| 52 | 12.621 | 1789 | 1791 | 1793 | rVV | 190611 | 158330 | 14.75% | 1.215% |
| 53 | 12.651 | 1793 | 1796 | 1798 | rVV3 | 31038 | 31276 | 2.91% | 0.240% |
| 54 | 12.674 | 1798 | 1800 | 1804 | rVB3 | 100274 | 94135 | 8.77% | 0.722% |
| 55 | 12.739 | 1808 | 1811 | 1812 | rBV3 | 22124 | 22088 | 2.06% | 0.169% |
| 56 | 12.768 | 1812 | 1816 | 1819 | rBV | 678918 | 605347 | 56.38% | 4.644% |
| 57 | 12.839 | 1826 | 1828 | 1831 | rBV2 | 25257 | 27830 | 2.59% | 0.214% |
| 58 | 12.868 | 1831 | 1833 | 1835 | rVB3 | 20147 | 16285 | 1.52% | 0.125% |
| 59 | 12.904 | 1835 | 1839 | 1840 | rBV4 | 10426 | 12093 | 1.13% | 0.093% |
| 60 | 12.933 | 1841 | 1844 | 1845 | rVV3 | 20580 | 23392 | 2.18% | 0.179% |
| 61 | 12.951 | 1845 | 1847 | 1850 | rVB | 44122 | 37459 | 3.49% | 0.287% |
| 62 | 13.010 | 1854 | 1857 | 1862 | rVB3 | 57120 | 59854 | 5.57% | 0.459% |
| 63 | 13.051 | 1862 | 1864 | 1868 | rBV | 35110 | 40343 | 3.76% | 0.310% |
| 64 | 13.145 | 1878 | 1880 | 1882 | rVB | 26572 | 19493 | 1.82% | 0.150% |
| 65 | 13.174 | 1882 | 1885 | 1889 | rBV | 29959 | 30956 | 2.88% | 0.237% |
| 66 | 13.304 | 1904 | 1907 | 1911 | rBV | 278174 | 239037 | 22.26% | 1.834% |
| 67 | 13.351 | 1912 | 1915 | 1917 | rBV | 63023 | 55206 | 5.14% | 0.424% |
| 68 | 13.374 | 1917 | 1919 | 1921 | rVB | 40805 | 29443 | 2.74% | 0.226% |
| 69 | 13.457 | 1931 | 1933 | 1938 | rBV4 | 15895 | 18744 | 1.75% | 0.144% |
| 70 | 13.539 | 1945 | 1947 | 1948 | rBV | 19623 | 16406 | 1.53% | 0.126% |
| 71 | 13.680 | 1968 | 1971 | 1977 | rVB2 | 74900 | 89291 | 8.32% | 0.685% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 13.815 | 1990 | 1994 | 1997 | rBV | 778617 | 787397 | 73.34% | 6.041% |
| 73 | 13.845 | 1997 | 1999 | 2006 | rVB | 87919 | 94862 | 8.84% | 0.728% |
| 74 | 13.998 | 2022 | 2025 | 2029 | rVB2 | 60009 | 57945 | 5.40% | 0.445% |
| 75 | 14.304 | 2074 | 2077 | 2079 | rVB | 76722 | 73306 | 6.83% | 0.562% |
| 76 | 14.598 | 2124 | 2127 | 2133 | rVB | 84595 | 78287 | 7.29% | 0.601% |
| 77 | 14.827 | 2163 | 2166 | 2169 | rBV | 65838 | 93855 | 8.74% | 0.720% |
| 78 | 14.909 | 2177 | 2180 | 2186 | rVB2 | 98566 | 122679 | 11.43% | 0.941% |
| 79 | 15.162 | 2220 | 2223 | 2228 | rBV | 71303 | 88337 | 8.23% | 0.678% |
| 80 | 15.221 | 2229 | 2233 | 2236 | rVV | 548801 | 641441 | 59.74% | 4.921% |
| 81 | 15.257 | 2236 | 2239 | 2244 | rVB2 | 113593 | 148439 | 13.83% | 1.139% |
| 82 | 15.656 | 2304 | 2307 | 2312 | rBV | 71813 | 104278 | 9.71% | 0.800% |

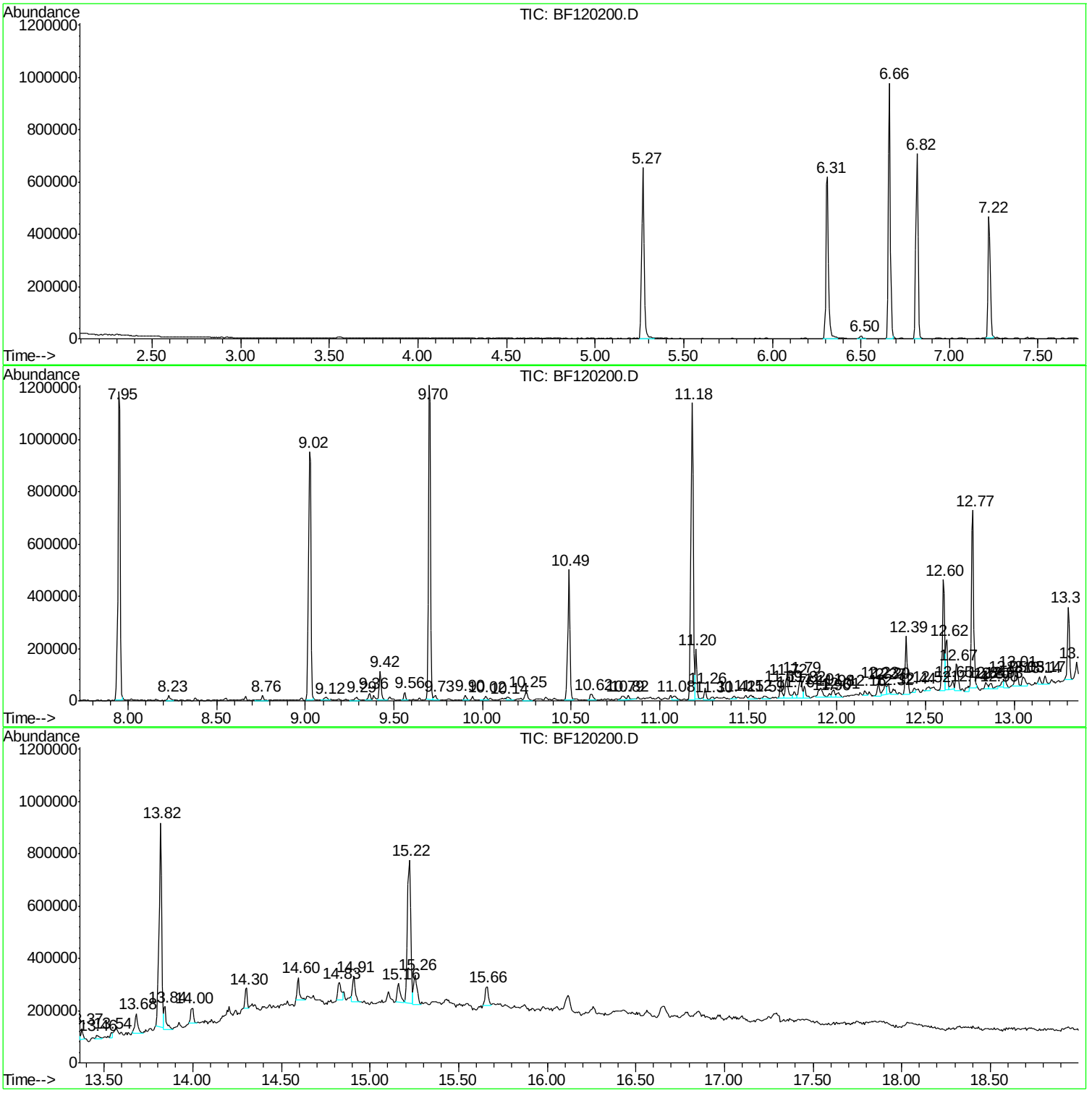
Sum of corrected areas: 13034674

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-01-042220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

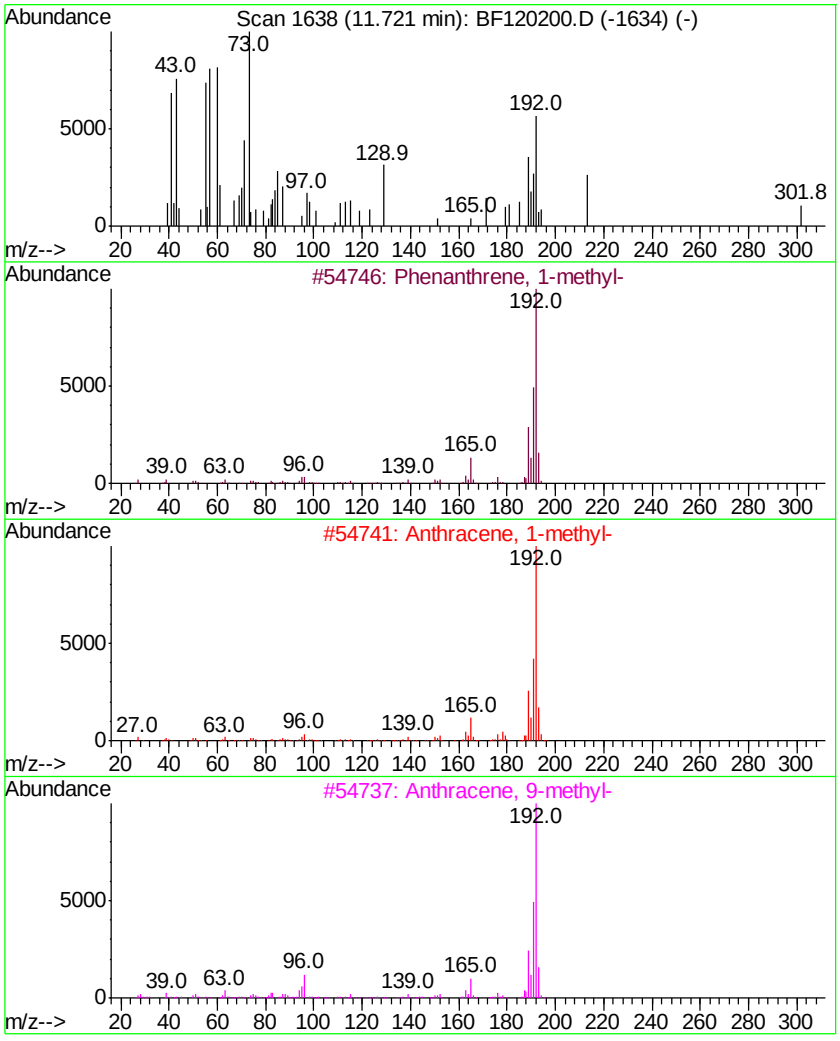
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

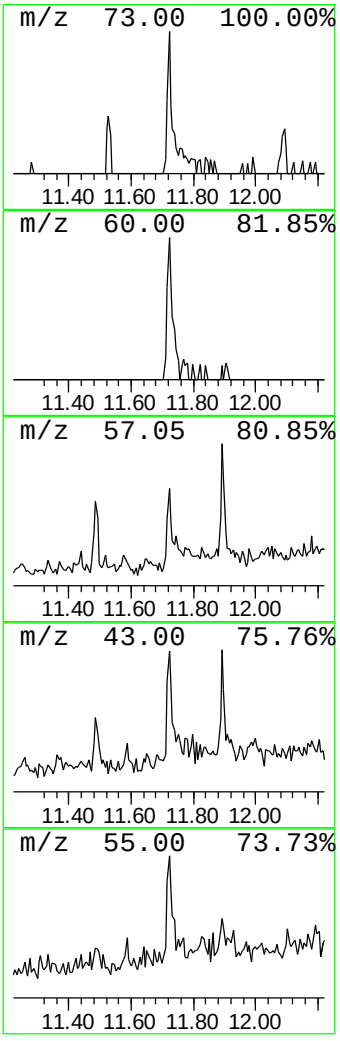
**********

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.72 | 2.03 ng | 97596 | Phenanthrene-d10 | 11.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 94 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 90 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 90 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 89 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

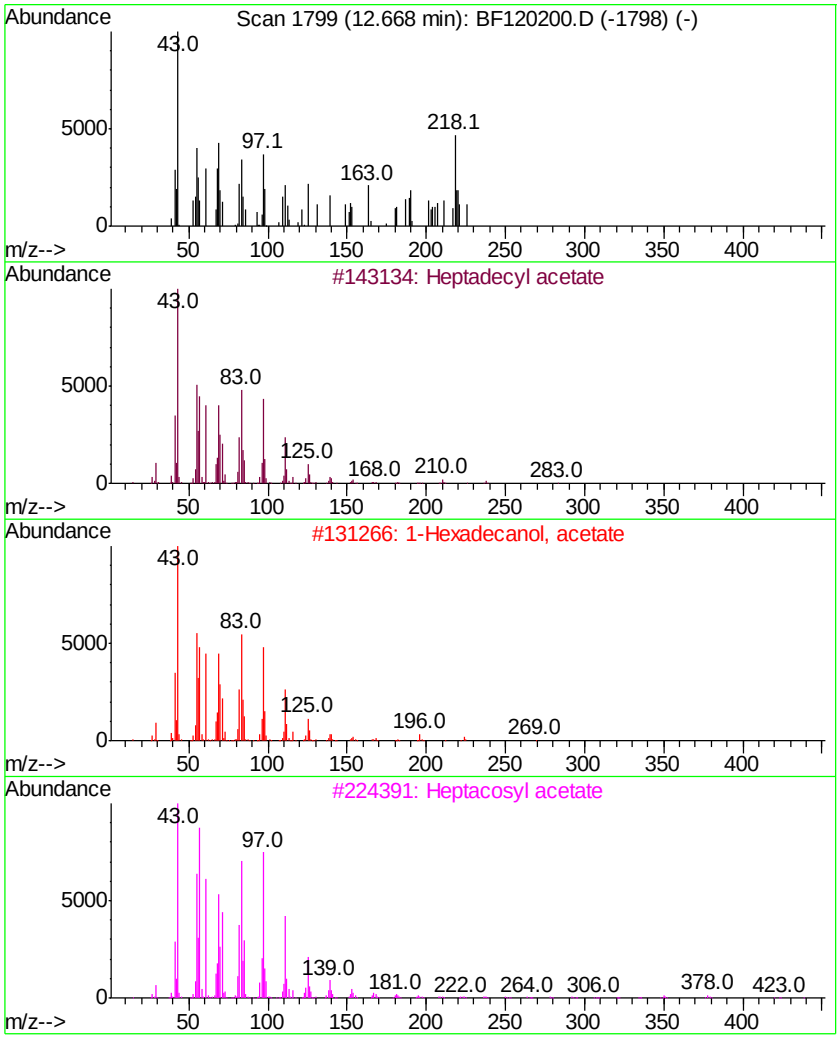
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

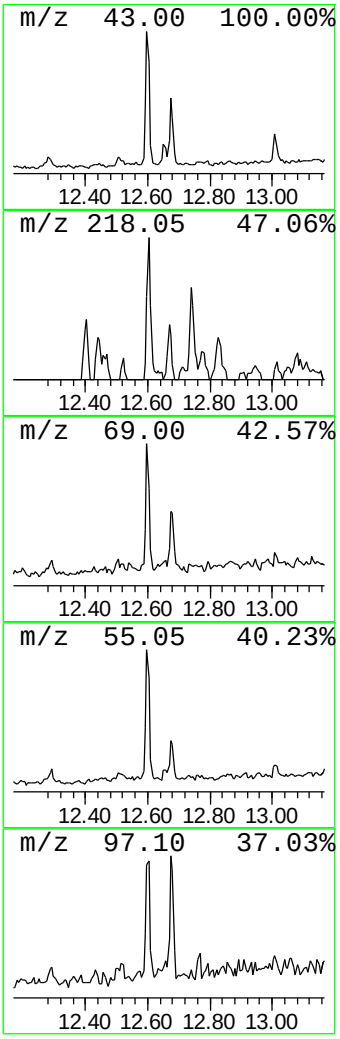
**********

Peak Number 3 Heptadecyl acetate Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.67 | 2.39 ng | 94135 | Chrysene-d12 | 13.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecyl acetate | 298 | C19H38O2 | 000822-20-8 | 81 |
| 2 | 1-Hexadecanol, acetate | 284 | C18H36O2 | 000629-70-9 | 74 |
| 3 | Heptacosyl acetate | 438 | C29H58O2 | 1000351-78-2 | 74 |
| 4 | 1-Acetoxynonadecane | 326 | C21H42O2 | 001577-43-1 | 64 |
| 5 | Lauryl acetate | 228 | C14H28O2 | 000112-66-3 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

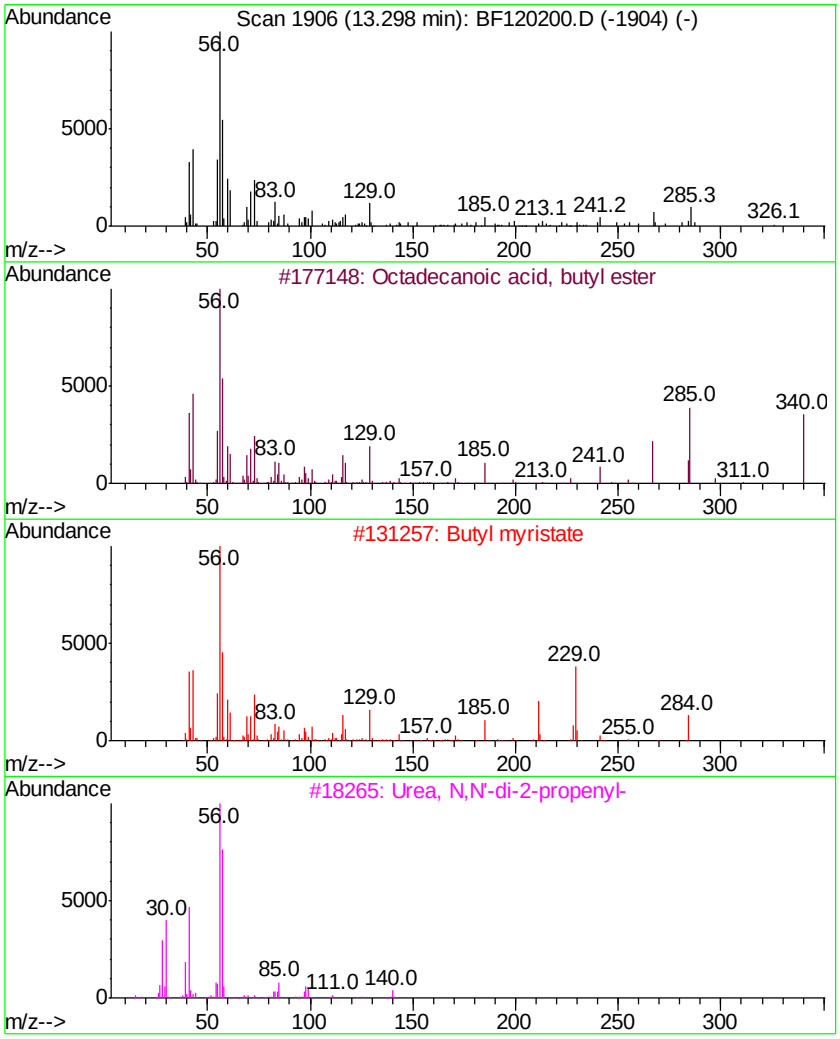
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

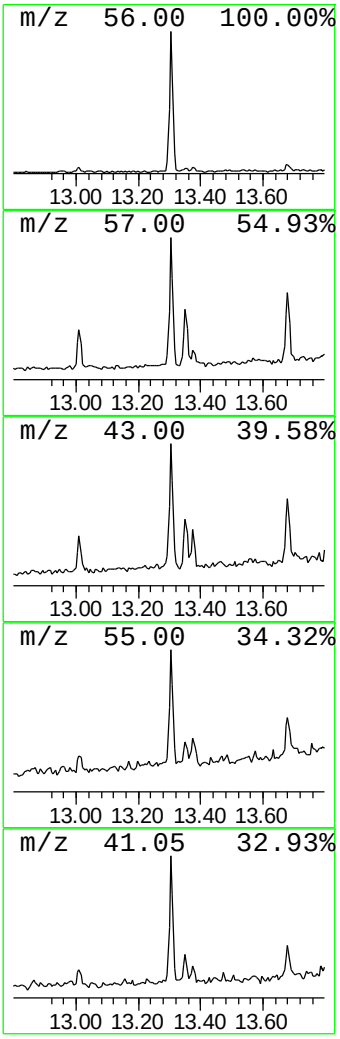
**********

Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.30 | 6.07 ng | 239037 | Chrysene-d12 | 13.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid, butyl ester | 340 | C22H44O2 | 000123-95-5 | 83 |
| 2 | Butyl myristate | 284 | C18H36O2 | 000110-36-1 | 56 |
| 3 | Urea, N,N'-di-2-propenyl- | 140 | C7H12N2O | 001801-72-5 | 38 |
| 4 | Cyclopentanecarboxylic acid, 2-a... | 129 | C6H11NO2 | 040482-05-1 | 38 |
| 5 | Cyclohexane, (1,1-dimethylethyl)- | 140 | C10H20 | 003178-22-1 | 35 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

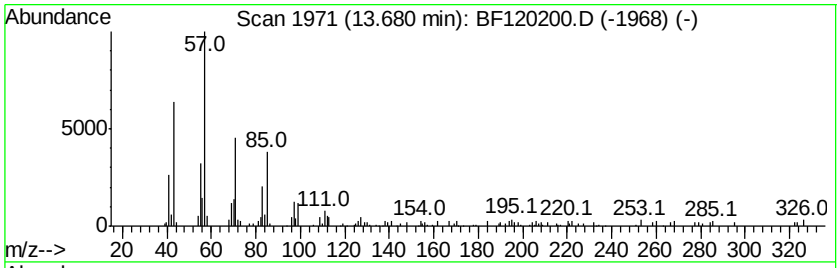
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

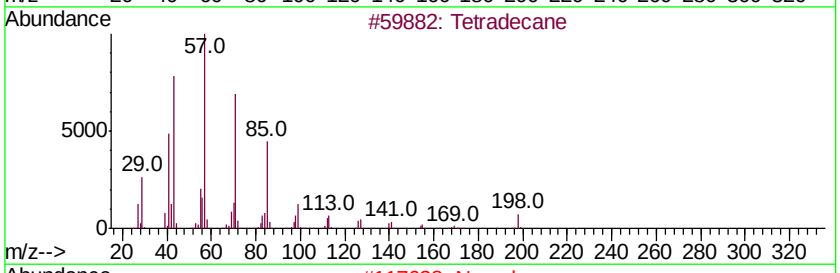
**********

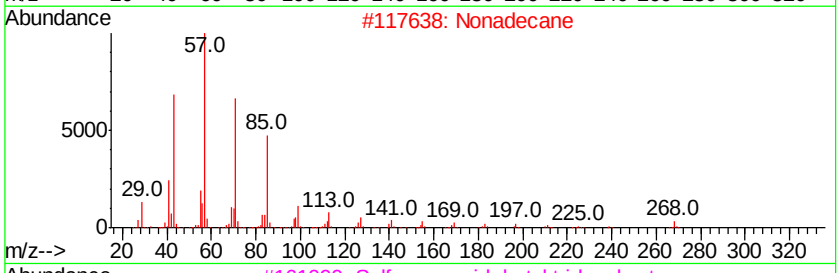
Peak Number 5 Tetradecane Concentration Rank 8

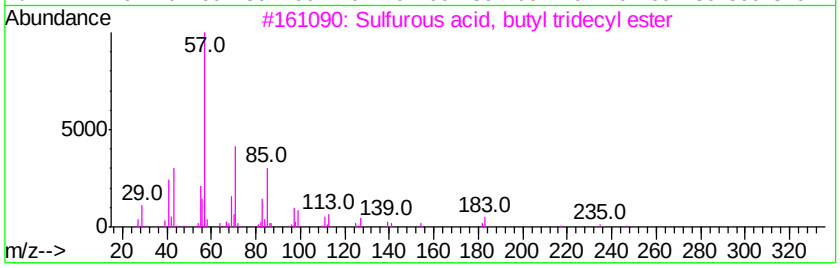
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.68 | 2.27 ng | 89291 | Chrysene-d12 | 13.82 |

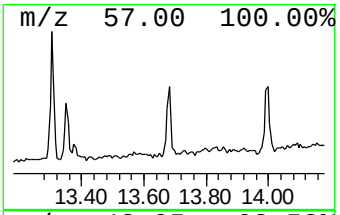
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 91 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 3 | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 86 |
| 4 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 83 |
| 5 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 83 |

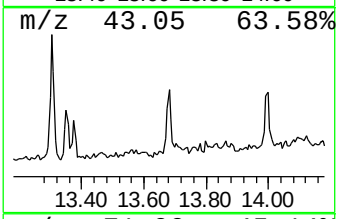


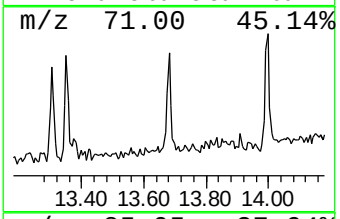



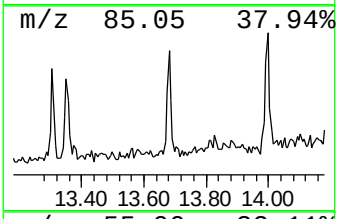



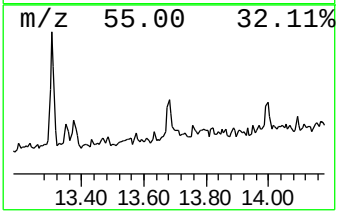



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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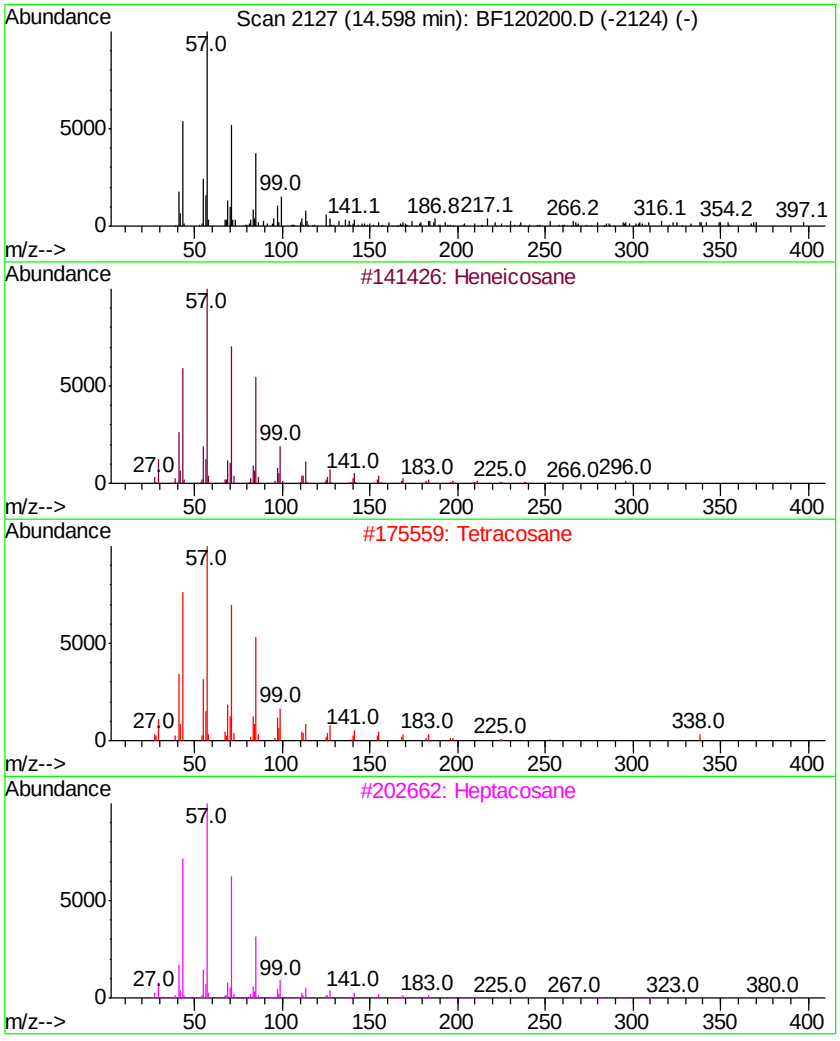
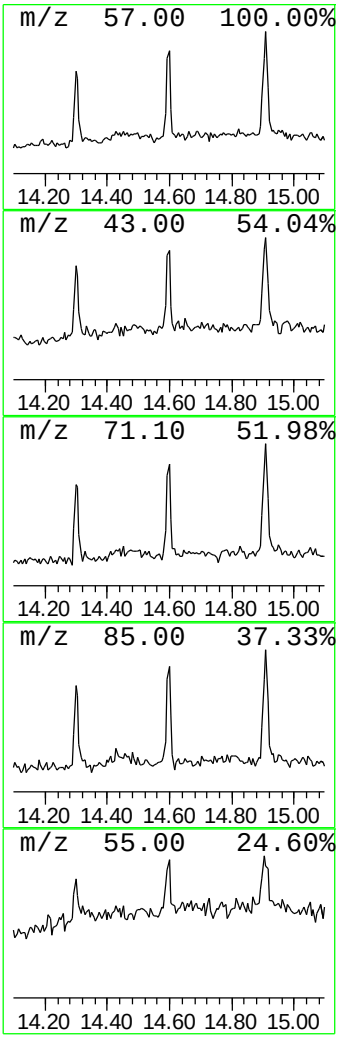
Peak Number 6 Heneicosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.60 | 2.44 ng | 78287 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 83 |
| 4 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 80 |
| 5 | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1000309-18-1 | 80 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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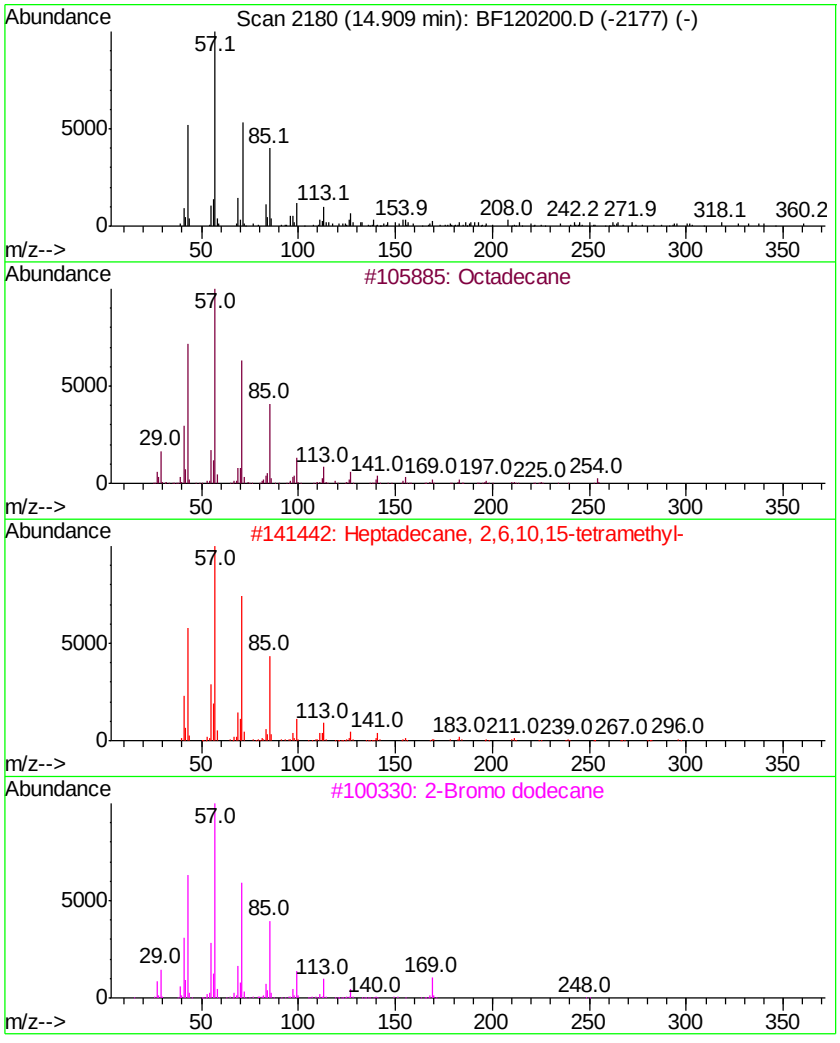
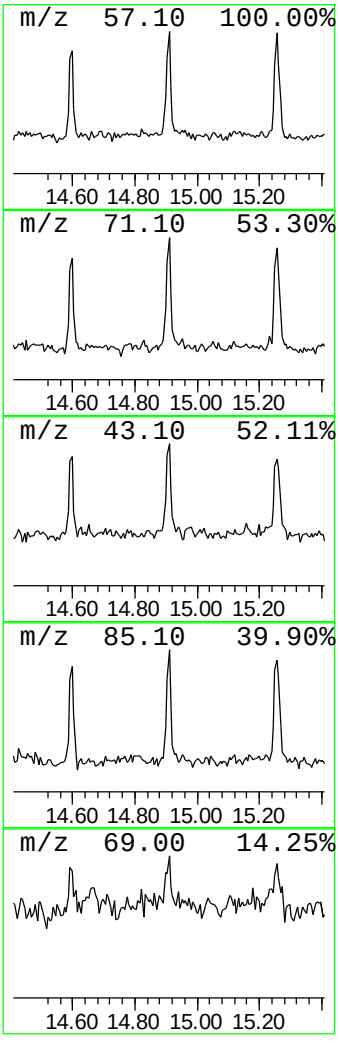
Peak Number 7 Octadecane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.91 | 3.83 ng | 122679 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 86 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 86 |
| 3 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 86 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 86 |
| 5 | 2-Bromotetradecane | 276 | C14H29Br | 074036-95-6 | 86 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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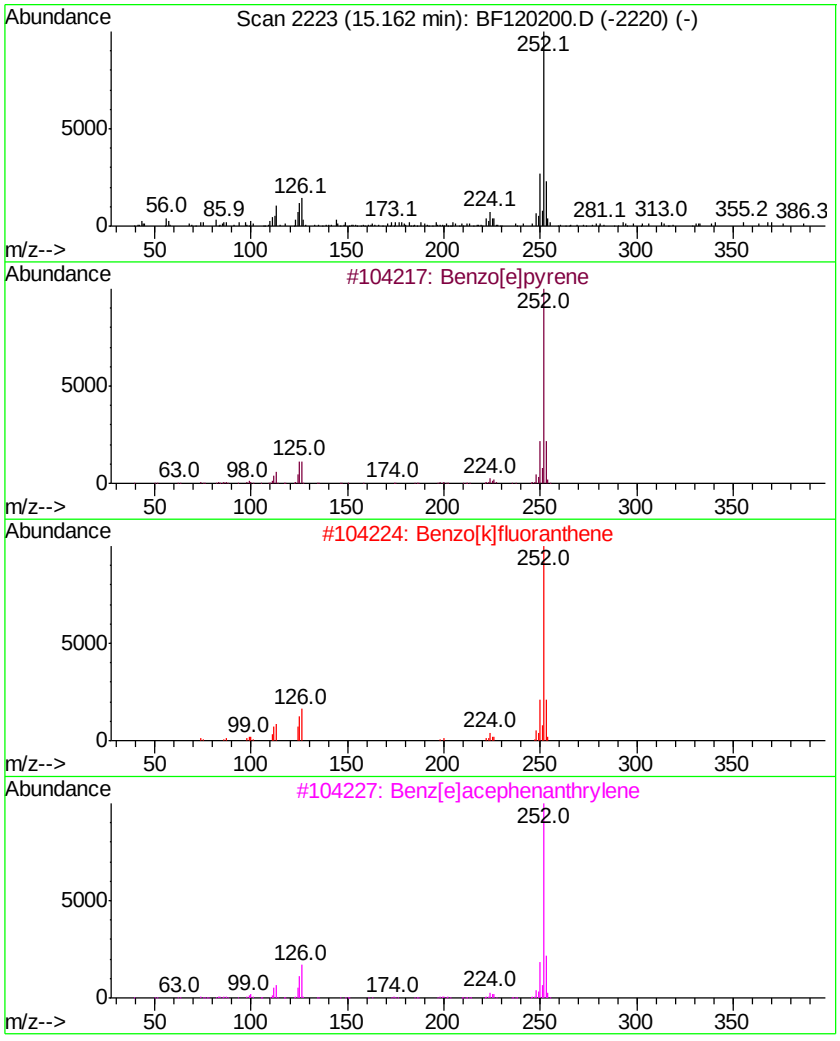
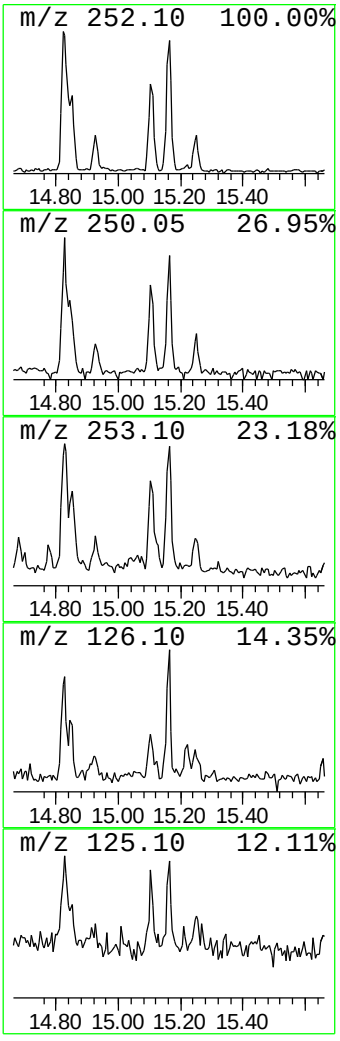
Peak Number 8 Benzo[e]pyrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.16 | 2.75 ng | 88337 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 95 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 3 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 94 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 81 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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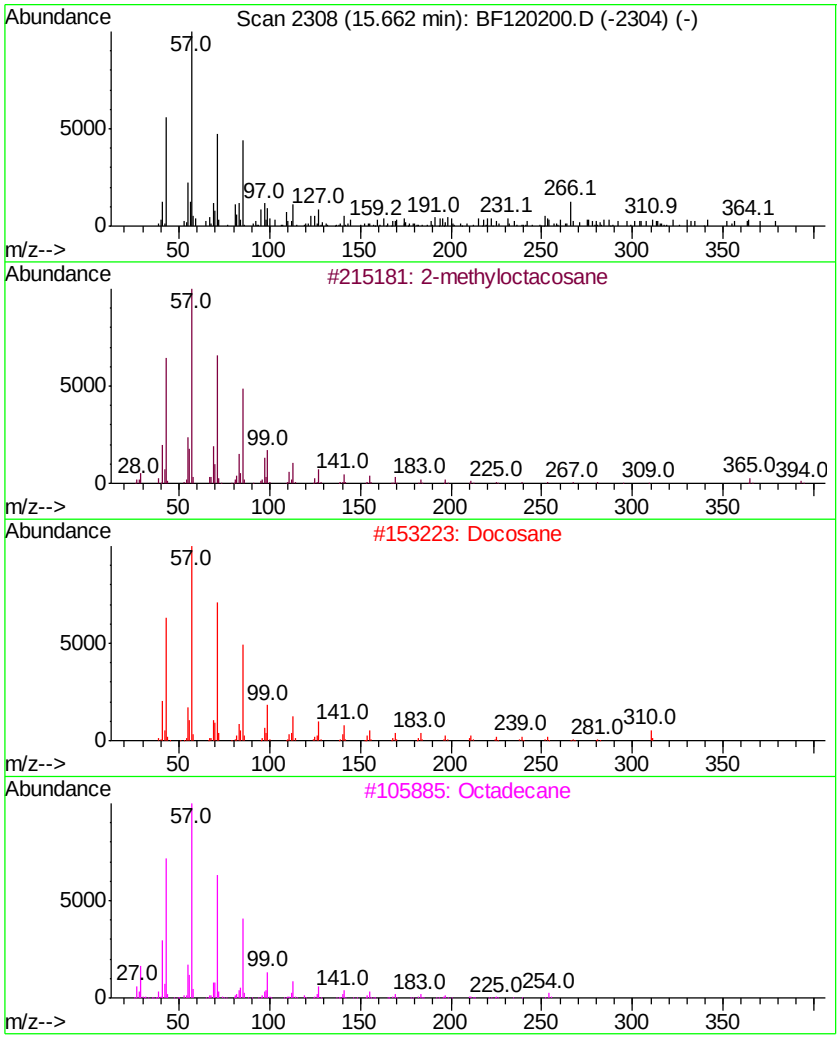
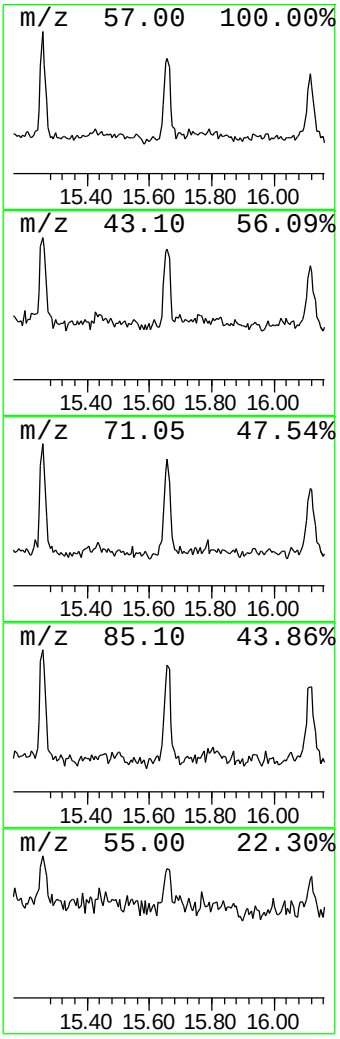
Peak Number 9 2-methyloctacosane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.66 | 3.25 ng | 104278 | Perylene-d12 | 15.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 86 |
| 2 | Docosane | 310 | C22H46 | 000629-97-0 | 81 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 81 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 76 |
| 5 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042420\
Data File : BF120200.D
Acq On : 24 Apr 2020 14:18
Operator : MA/SJ
Sample : L2117-06 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-01-042220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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 |
| Phenanthrene, 1-m... | 11.72 | 2.0 | ng | 97596 | 4 | 11.18 | 962171 | 20.0 |
| Heptadecyl acetate | 12.67 | 2.4 | ng | 94135 | 5 | 13.82 | 787397 | 20.0 |
| Octadecanoic acid... | 13.30 | 6.1 | ng | 239037 | 5 | 13.82 | 787397 | 20.0 |
| Tetradecane | 13.68 | 2.3 | ng | 89291 | 5 | 13.82 | 787397 | 20.0 |
| Heneicosane | 14.60 | 2.4 | ng | 78287 | 6 | 15.22 | 641441 | 20.0 |
| Octadecane | 14.91 | 3.8 | ng | 122679 | 6 | 15.22 | 641441 | 20.0 |
| Benzo[e]pyrene | 15.16 | 2.8 | ng | 88337 | 6 | 15.22 | 641441 | 20.0 |
| 2-methyloctacosane | 15.66 | 3.3 | ng | 104278 | 6 | 15.22 | 641441 | 20.0 |