LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

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-BF052820.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 | 1.916 | 3 | 5 | 11 | rVB2 | 458402 | 552420 | 15.58% | 1.265% |
| 2 | 2.016 | 20 | 22 | 30 | rVB3 | 25712 | 43035 | 1.21% | 0.099% |
| 3 | 2.099 | 30 | 36 | 44 | rVB | 1008286 | 1272040 | 35.87% | 2.912% |
| 4 | 5.122 | 541 | 550 | 558 | rBV2 | 34766 | 96226 | 2.71% | 0.220% |
| 5 | 5.463 | 604 | 608 | 611 | rBV | 3053264 | 2827561 | 79.73% | 6.473% |
| 6 | 6.122 | 717 | 720 | 724 | rVB | 97256 | 81054 | 2.29% | 0.186% |
| 7 | 6.475 | 775 | 780 | 783 | rBV | 2888512 | 2917485 | 82.26% | 6.679% |
| 8 | 6.845 | 839 | 843 | 846 | rBV | 1278545 | 1101877 | 31.07% | 2.523% |
| 9 | 6.998 | 865 | 869 | 872 | rBV | 3068121 | 2616722 | 73.78% | 5.991% |
| 10 | 7.404 | 933 | 938 | 941 | rBV | 2256793 | 1971610 | 55.59% | 4.514% |
| 11 | 8.122 | 1056 | 1060 | 1064 | rBV | 1505815 | 1387380 | 39.12% | 3.176% |
| 12 | 9.198 | 1239 | 1243 | 1246 | rBV | 4063439 | 3546537 | 100.00% | 8.120% |
| 13 | 9.316 | 1258 | 1263 | 1265 | rBV2 | 82018 | 75984 | 2.14% | 0.174% |
| 14 | 9.539 | 1298 | 1301 | 1304 | rBV2 | 103569 | 87208 | 2.46% | 0.200% |
| 15 | 9.592 | 1304 | 1310 | 1314 | rVV | 653234 | 541456 | 15.27% | 1.240% |
| 16 | 9.628 | 1314 | 1316 | 1319 | rVB2 | 63212 | 51466 | 1.45% | 0.118% |
| 17 | 9.739 | 1330 | 1335 | 1339 | rVB2 | 62211 | 70121 | 1.98% | 0.161% |
| 18 | 9.881 | 1352 | 1359 | 1362 | rBV | 1847515 | 1821533 | 51.36% | 4.170% |
| 19 | 9.910 | 1362 | 1364 | 1365 | rVV | 68055 | 54532 | 1.54% | 0.125% |
| 20 | 9.928 | 1365 | 1367 | 1370 | rVB | 87092 | 65676 | 1.85% | 0.150% |
| 21 | 10.081 | 1389 | 1393 | 1397 | rBV | 76952 | 79170 | 2.23% | 0.181% |
| 22 | 10.339 | 1433 | 1437 | 1441 | rVB | 83212 | 81854 | 2.31% | 0.187% |
| 23 | 10.428 | 1449 | 1452 | 1456 | rVB | 86790 | 74303 | 2.10% | 0.170% |
| 24 | 10.669 | 1488 | 1493 | 1496 | rBV | 2132460 | 1870972 | 52.75% | 4.283% |
| 25 | 10.745 | 1503 | 1506 | 1511 | rBV3 | 45147 | 60462 | 1.70% | 0.138% |
| 26 | 11.028 | 1549 | 1554 | 1558 | rVB3 | 112891 | 137666 | 3.88% | 0.315% |
| 27 | 11.169 | 1575 | 1578 | 1582 | rVB | 48712 | 43598 | 1.23% | 0.100% |
| 28 | 11.263 | 1591 | 1594 | 1599 | rVB | 52406 | 53252 | 1.50% | 0.122% |
| 29 | 11.310 | 1599 | 1602 | 1606 | rBV | 66258 | 71955 | 2.03% | 0.165% |
| 30 | 11.369 | 1606 | 1612 | 1614 | rVV | 1455338 | 1432532 | 40.39% | 3.280% |
| 31 | 11.392 | 1614 | 1616 | 1619 | rVV | 826981 | 660610 | 18.63% | 1.512% |
| 32 | 11.439 | 1622 | 1624 | 1627 | rVB | 240809 | 177841 | 5.01% | 0.407% |
| 33 | 11.592 | 1645 | 1650 | 1653 | rBV2 | 66243 | 100254 | 2.83% | 0.230% |
| 34 | 11.663 | 1659 | 1662 | 1666 | rBV2 | 32696 | 47925 | 1.35% | 0.110% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.827 | 1685 | 1690 | 1693 | rBV | 226527 | 305696 | 8.62% | 0.700% |
| 36 | 11.863 | 1693 | 1696 | 1698 | rVV3 | 255648 | 326631 | 9.21% | 0.748% |
| 37 | 11.892 | 1698 | 1701 | 1706 | rVV2 | 528545 | 632210 | 17.83% | 1.447% |
| 38 | 11.939 | 1707 | 1709 | 1712 | rVV | 83921 | 102859 | 2.90% | 0.235% |
| 39 | 11.980 | 1712 | 1716 | 1718 | rVV2 | 207415 | 238704 | 6.73% | 0.546% |
| 40 | 11.998 | 1718 | 1719 | 1722 | rVV | 91687 | 85863 | 2.42% | 0.197% |
| 41 | 12.039 | 1722 | 1726 | 1729 | rVV2 | 61070 | 120350 | 3.39% | 0.276% |
| 42 | 12.080 | 1729 | 1733 | 1739 | rVV6 | 70034 | 141432 | 3.99% | 0.324% |
| 43 | 12.145 | 1741 | 1744 | 1745 | rVV | 81202 | 71054 | 2.00% | 0.163% |
| 44 | 12.163 | 1745 | 1747 | 1749 | rVV | 95837 | 82709 | 2.33% | 0.189% |
| 45 | 12.186 | 1749 | 1751 | 1754 | rVB | 67457 | 53776 | 1.52% | 0.123% |
| 46 | 12.416 | 1787 | 1790 | 1794 | rBV | 72709 | 91166 | 2.57% | 0.209% |
| 47 | 12.457 | 1794 | 1797 | 1799 | rVV2 | 59352 | 67572 | 1.91% | 0.155% |
| 48 | 12.498 | 1801 | 1804 | 1806 | rVV2 | 119119 | 134295 | 3.79% | 0.307% |
| 49 | 12.557 | 1810 | 1814 | 1815 | rVV2 | 280672 | 240715 | 6.79% | 0.551% |
| 50 | 12.580 | 1815 | 1818 | 1821 | rVB | 1279419 | 1053473 | 29.70% | 2.412% |
| 51 | 12.622 | 1822 | 1825 | 1827 | rBV2 | 41741 | 42032 | 1.19% | 0.096% |
| 52 | 12.674 | 1831 | 1834 | 1837 | rBV2 | 60641 | 58352 | 1.65% | 0.134% |
| 53 | 12.810 | 1851 | 1857 | 1860 | rBV | 1019004 | 1009037 | 28.45% | 2.310% |
| 54 | 12.857 | 1863 | 1865 | 1869 | rVB2 | 46429 | 45768 | 1.29% | 0.105% |
| 55 | 12.951 | 1877 | 1881 | 1884 | rBV | 3195601 | 2785700 | 78.55% | 6.378% |
| 56 | 13.033 | 1889 | 1895 | 1897 | rBV3 | 97998 | 186292 | 5.25% | 0.427% |
| 57 | 13.092 | 1901 | 1905 | 1906 | rVV3 | 85355 | 117760 | 3.32% | 0.270% |
| 58 | 13.133 | 1910 | 1912 | 1916 | rVB | 190704 | 184112 | 5.19% | 0.422% |
| 59 | 13.204 | 1922 | 1924 | 1926 | rVB | 123177 | 94280 | 2.66% | 0.216% |
| 60 | 13.239 | 1927 | 1930 | 1933 | rVB2 | 100579 | 89362 | 2.52% | 0.205% |
| 61 | 13.333 | 1943 | 1946 | 1948 | rVB | 52244 | 45340 | 1.28% | 0.104% |
| 62 | 13.363 | 1949 | 1951 | 1955 | rBV | 63591 | 58967 | 1.66% | 0.135% |
| 63 | 13.639 | 1996 | 1998 | 2003 | rVB | 78945 | 85076 | 2.40% | 0.195% |
| 64 | 13.757 | 2014 | 2018 | 2020 | rBV2 | 88764 | 109621 | 3.09% | 0.251% |
| 65 | 13.786 | 2020 | 2023 | 2025 | rVV | 85653 | 91035 | 2.57% | 0.208% |
| 66 | 13.804 | 2025 | 2026 | 2028 | rVV | 71841 | 67084 | 1.89% | 0.154% |
| 67 | 13.857 | 2031 | 2035 | 2041 | rVB2 | 380663 | 491849 | 13.87% | 1.126% |
| 68 | 14.004 | 2053 | 2060 | 2063 | rBV2 | 1522958 | 2193322 | 61.84% | 5.021% |
| 69 | 14.033 | 2063 | 2065 | 2073 | rVV | 581903 | 611619 | 17.25% | 1.400% |
| 70 | 14.110 | 2076 | 2078 | 2081 | rBV | 68331 | 56081 | 1.58% | 0.128% |
| 71 | 14.392 | 2118 | 2126 | 2129 | rBV2 | 140294 | 311282 | 8.78% | 0.713% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 14.474 | 2138 | 2140 | 2142 | rBV | 123789 | 124809 | 3.52% | 0.286% |
| 73 | 14.780 | 2190 | 2192 | 2196 | rBV2 | 96613 | 102691 | 2.90% | 0.235% |
| 74 | 15.045 | 2233 | 2237 | 2240 | rBV | 436820 | 690364 | 19.47% | 1.581% |
| 75 | 15.115 | 2246 | 2249 | 2252 | rBV | 233215 | 255583 | 7.21% | 0.585% |
| 76 | 15.157 | 2252 | 2256 | 2265 | rVB2 | 250361 | 431237 | 12.16% | 0.987% |
| 77 | 15.345 | 2284 | 2288 | 2293 | rVB | 271938 | 335048 | 9.45% | 0.767% |
| 78 | 15.404 | 2294 | 2298 | 2304 | rVB | 387090 | 454962 | 12.83% | 1.042% |
| 79 | 15.468 | 2304 | 2309 | 2312 | rBV | 959198 | 1205418 | 33.99% | 2.760% |
| 80 | 15.933 | 2384 | 2388 | 2394 | rVB | 353825 | 513835 | 14.49% | 1.176% |
| 81 | 16.921 | 2551 | 2556 | 2560 | rBV2 | 156968 | 309076 | 8.71% | 0.708% |
| 82 | 17.104 | 2581 | 2587 | 2593 | rBV2 | 320275 | 699293 | 19.72% | 1.601% |

Sum of corrected areas: 43679109

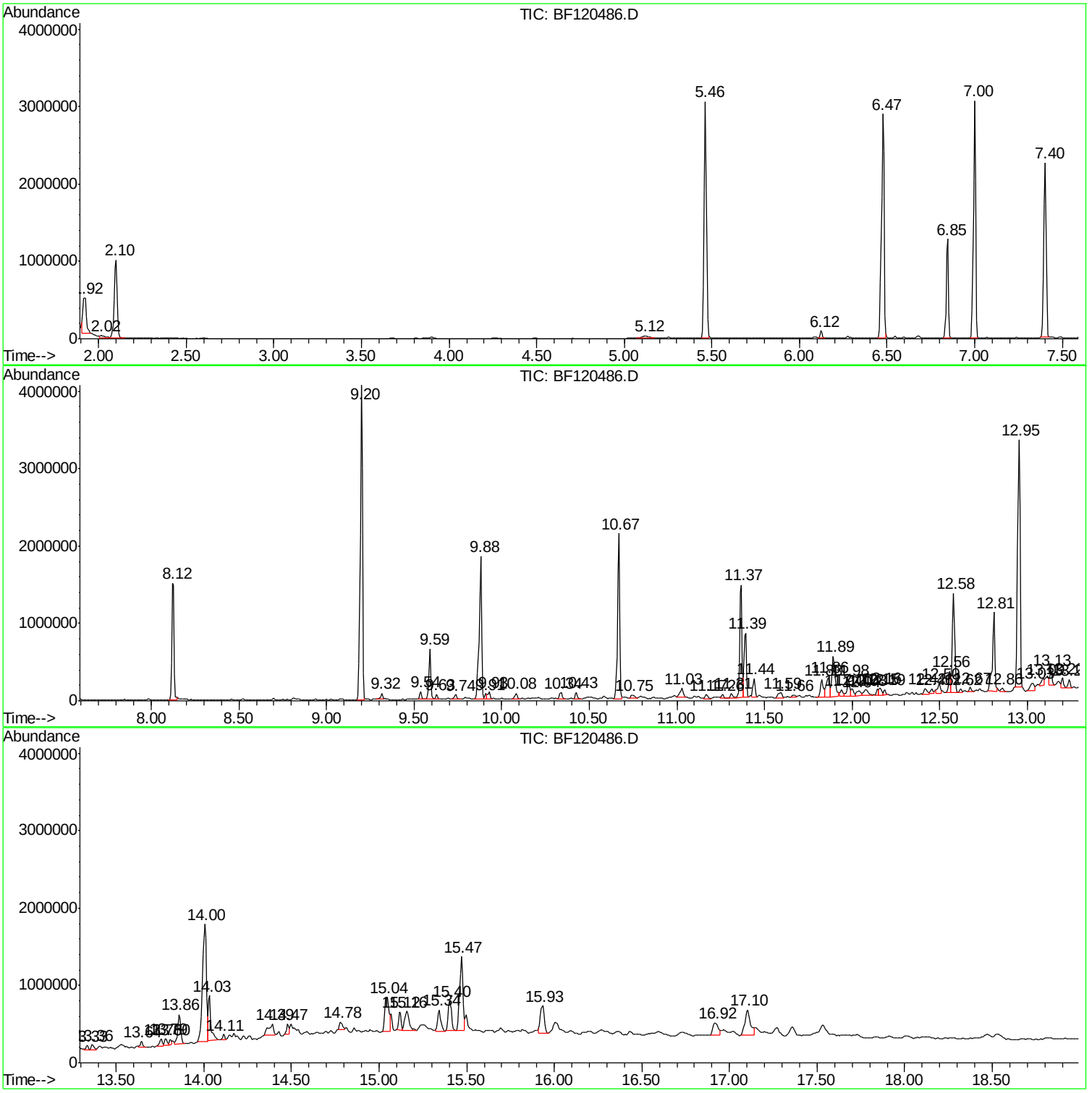
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

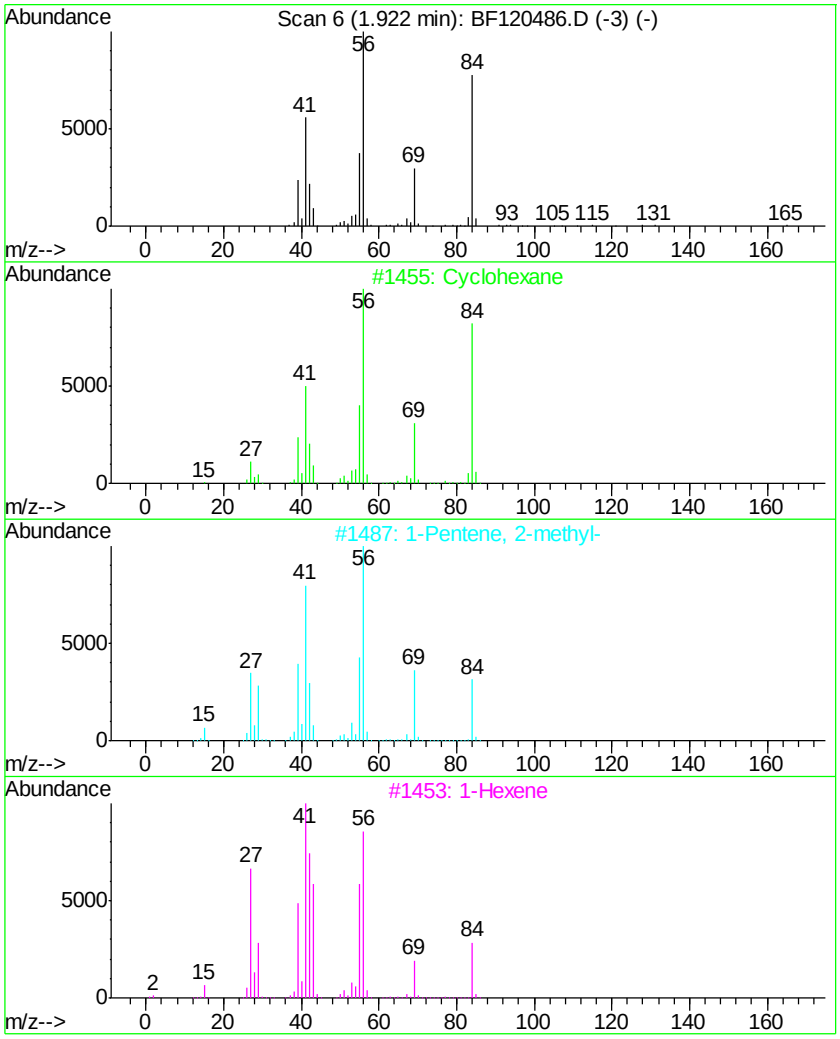
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

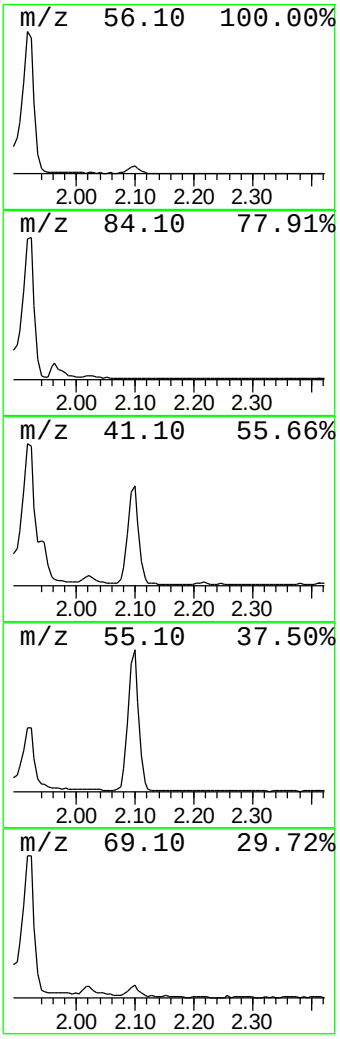
**********

Peak Number 1 Cyclohexane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 1.92 | 10.03 ng | 552420 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 95 |
| 2 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 72 |
| 3 | 1-Hexene | 84 | C6H12 | 000592-41-6 | 59 |
| 4 | 2H-Pyran-2,6(3H)-dione, dihydro-... | 142 | C7H10O3 | 004160-82-1 | 53 |
| 5 | 2-Amino-oxazole | 84 | C3H4N2O | 004570-45-0 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

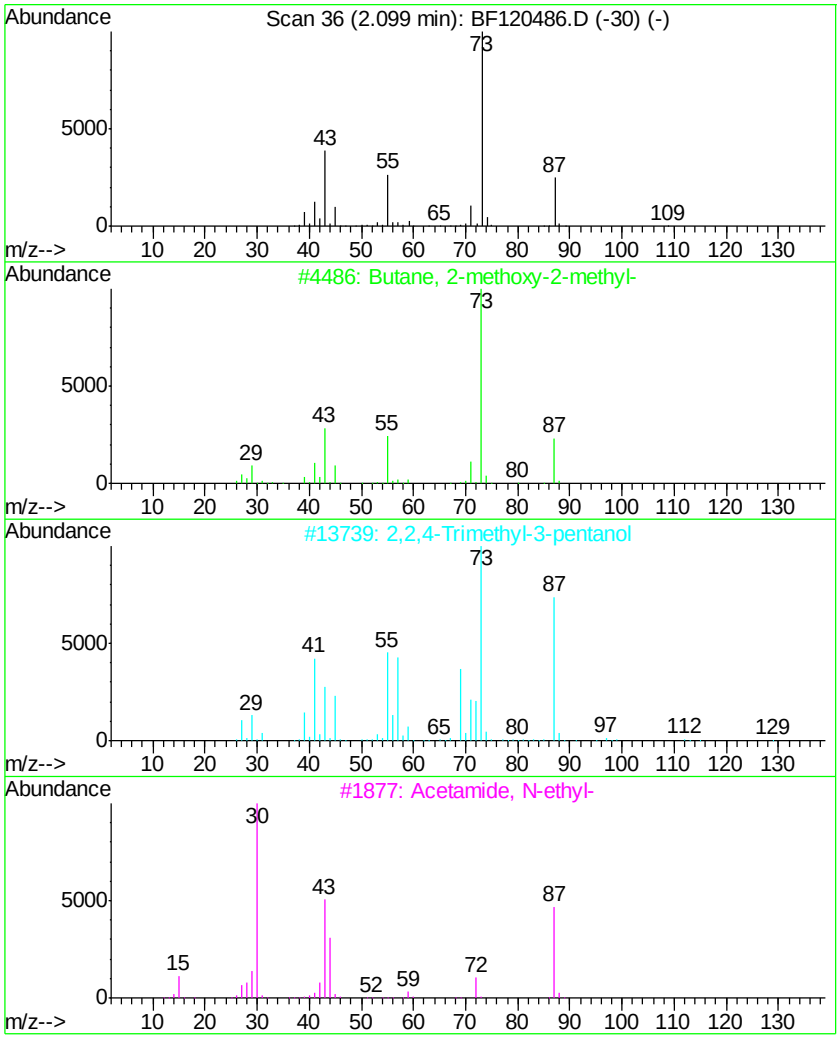
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

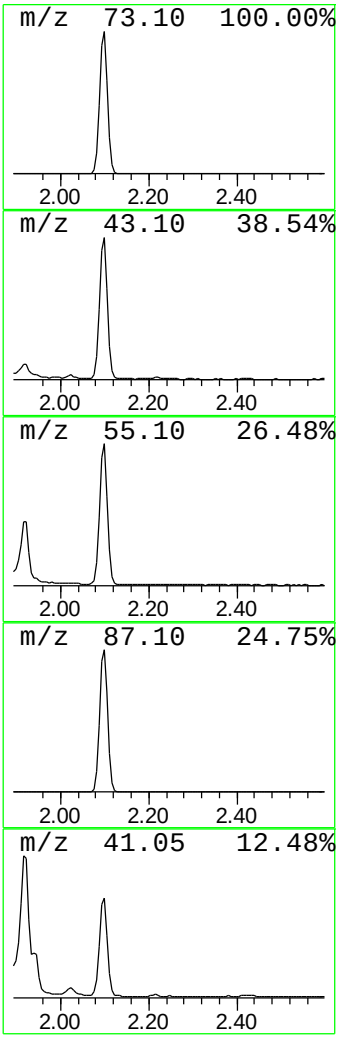
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.10 | 23.09 ng | 1272040 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 27 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

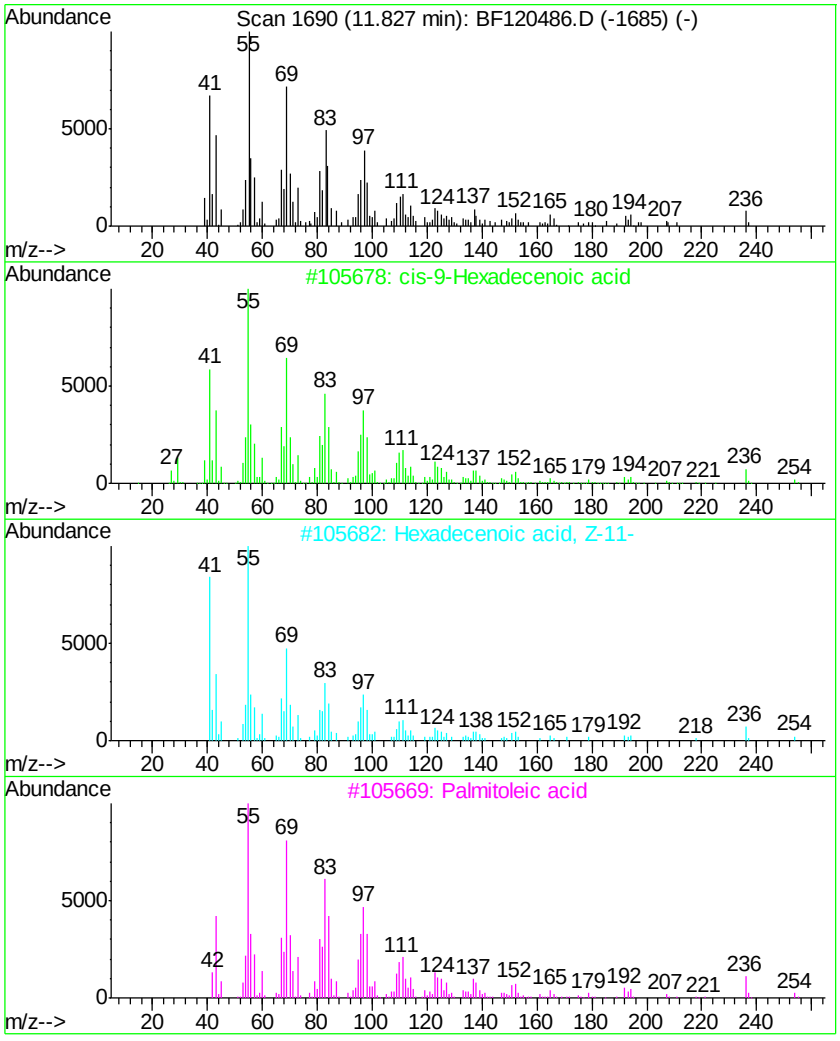
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

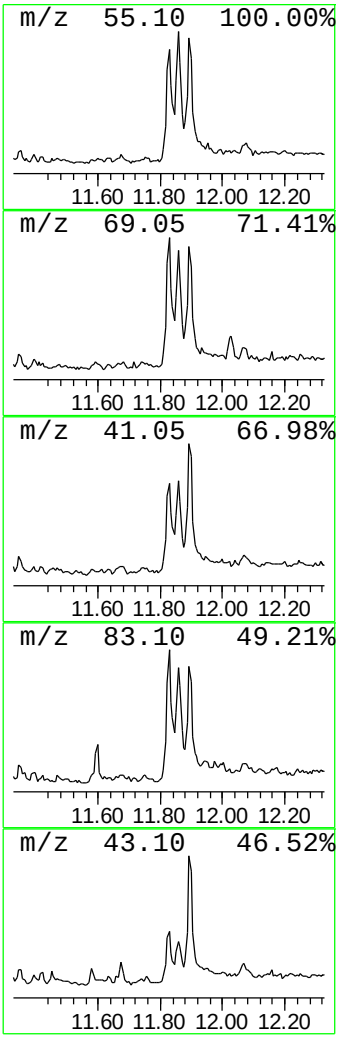
**********

Peak Number 4 cis-9-Hexadecenoic acid Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.83 | 4.27 ng | 305696 | Phenanthrene-d10 | 11.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-9-Hexadecenoic acid | 254 | C16H30O2 | 1000333-19-5 | 93 |
| 2 | Hexadecenoic acid, Z-11- | 254 | C16H30O2 | 002416-20-8 | 91 |
| 3 | Palmitoleic acid | 254 | C16H30O2 | 000373-49-9 | 91 |
| 4 | Z-7-Tetradecenoic acid | 226 | C14H26O2 | 1000130-98-4 | 87 |
| 5 | Oxacyclotridecan-2-one | 198 | C12H22O2 | 000947-05-7 | 78 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

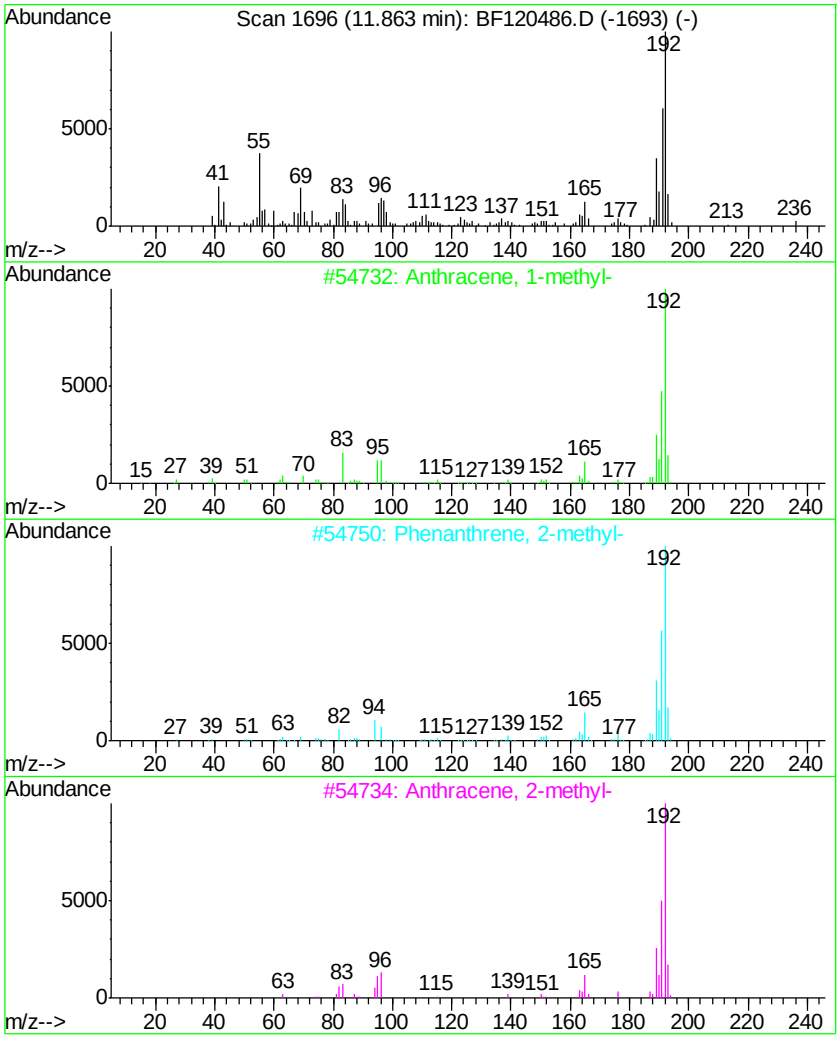
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

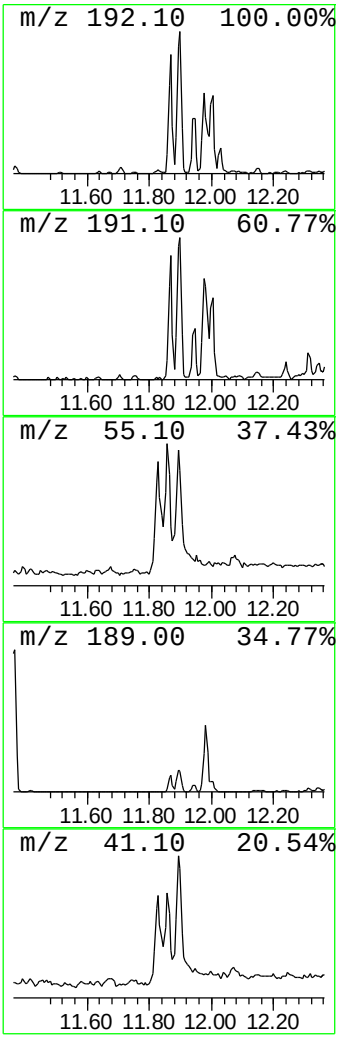
**********

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.86 | 4.56 ng | 326631 | Phenanthrene-d10 | 11.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 96 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 95 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

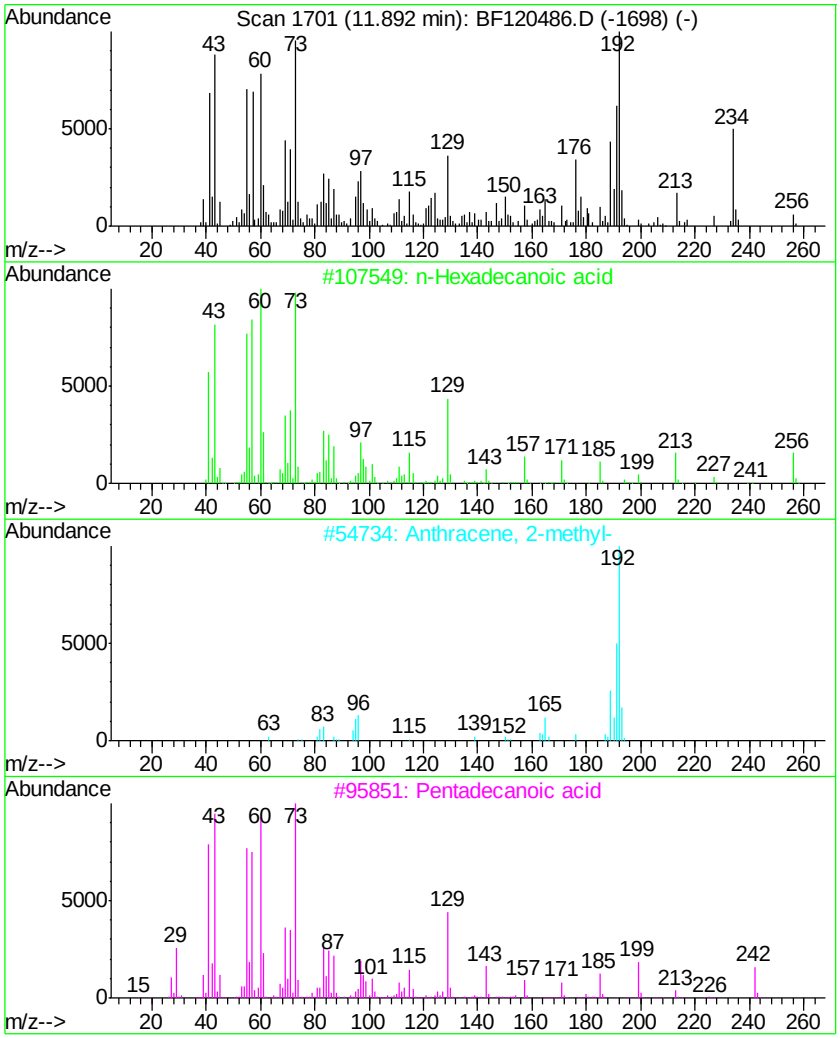
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

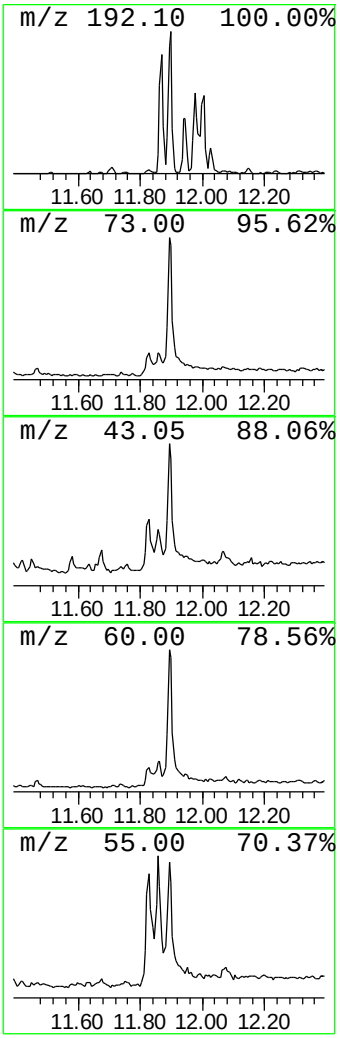
**********

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.89 | 8.83 ng | 632210 | Phenanthrene-d10 | 11.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 46 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 38 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 38 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

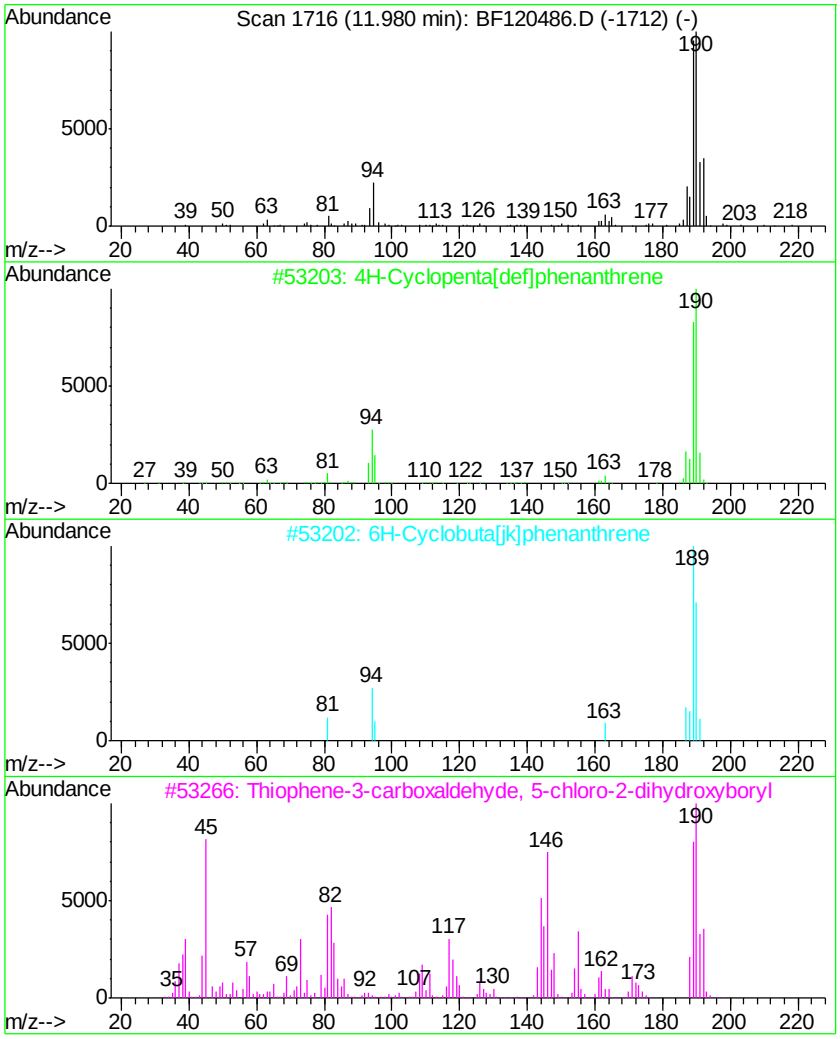
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

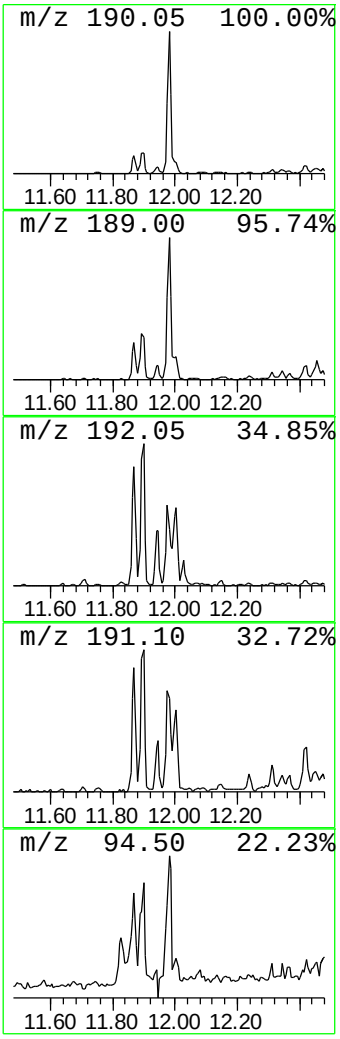
**********

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.98 | 3.33 ng | 238704 | Phenanthrene-d10 | 11.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 81 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 72 |
| 3 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 52 |
| 4 | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 50 |
| 5 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 45 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

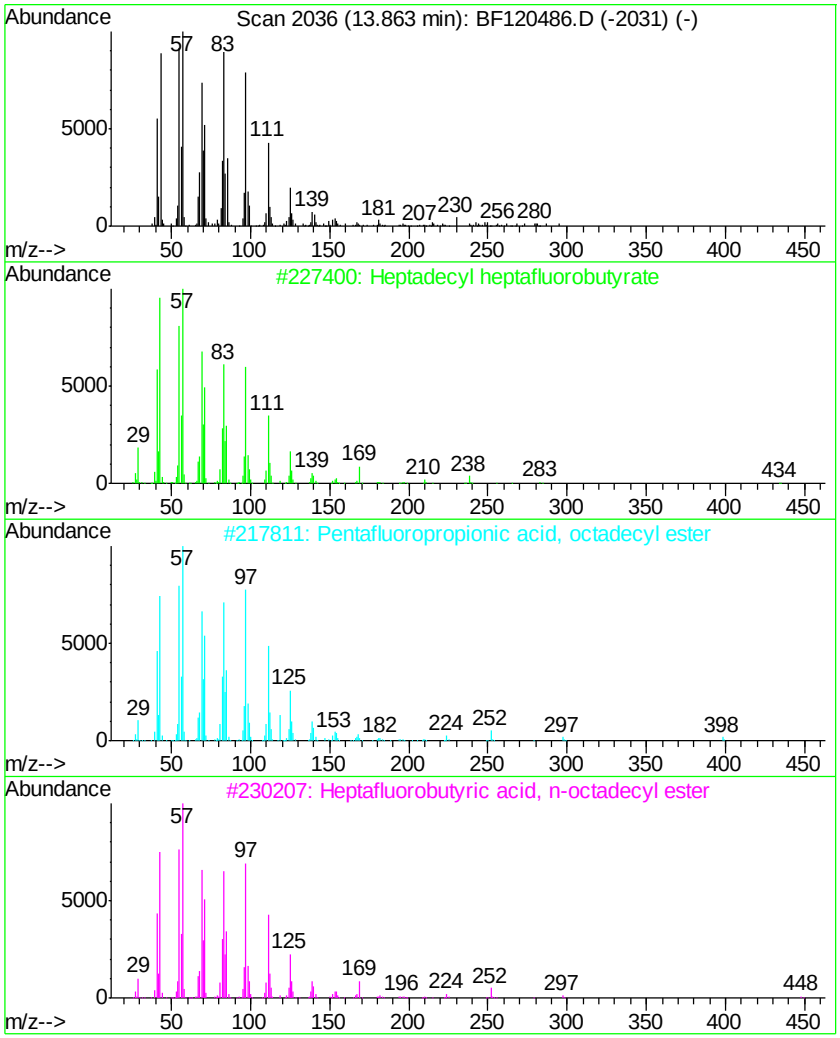
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

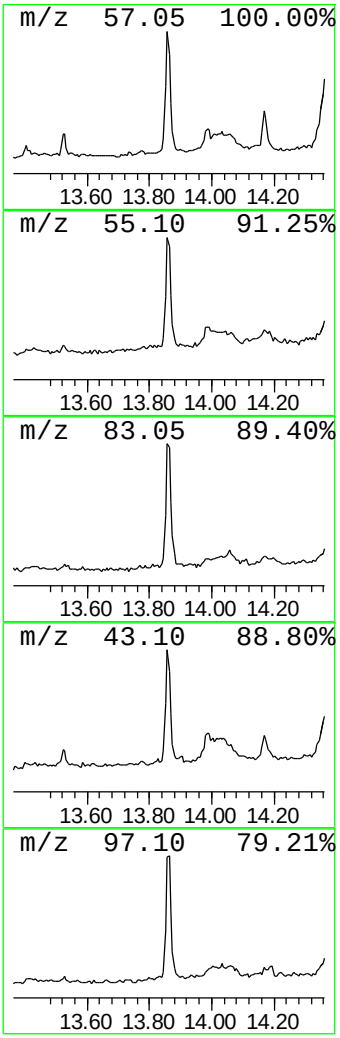
**********

Peak Number 8 Heptadecyl heptafluorobutyrate Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.86 | 4.48 ng | 491849 | Chrysene-d12 | 14.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 93 |
| 2 | Pentafluoropropionic acid, octad... | 416 | C21H37F5O2 | 959261-25-7 | 90 |
| 3 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 90 |
| 4 | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 90 |
| 5 | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

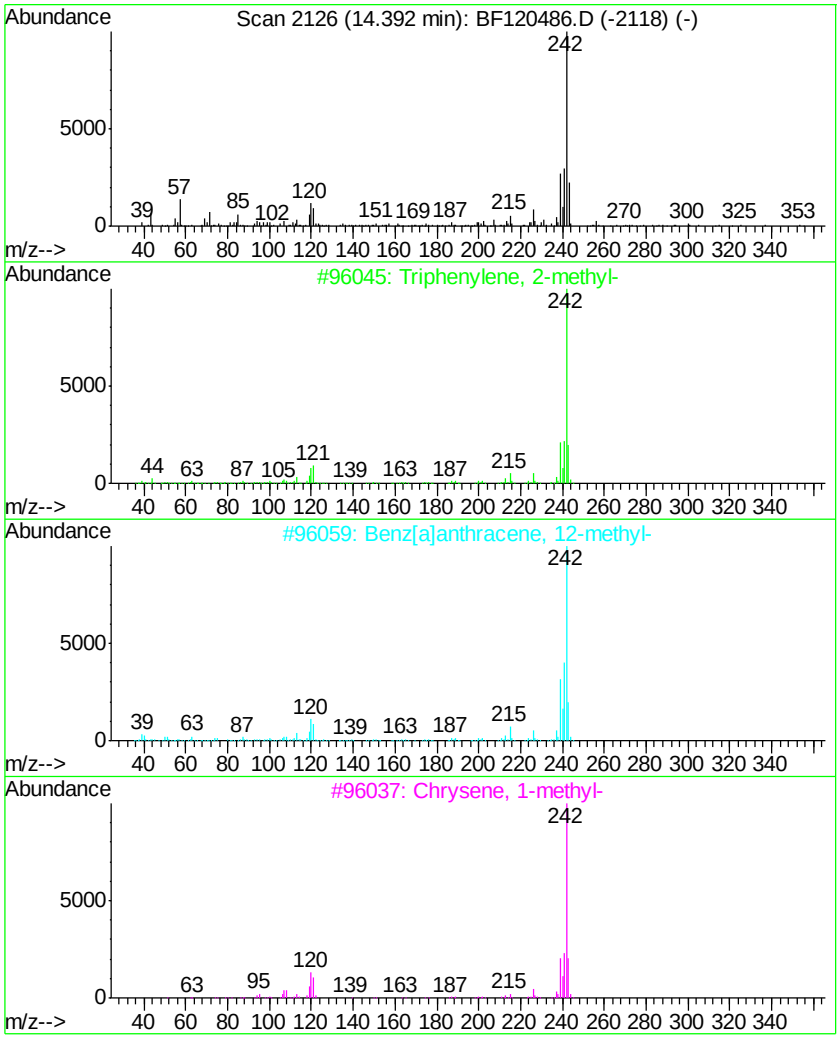
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

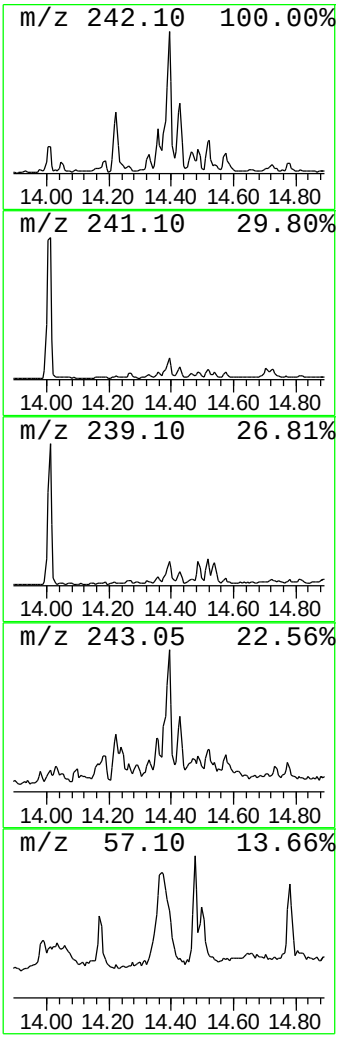
**********

Peak Number 9 Triphenylene, 2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.39 | 2.84 ng | 311282 | Chrysene-d12 | 14.01 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylene, 2-methyl- | 242 | C19H14 | 001705-84-6 | 96 |
| 2 | Benz[a]anthracene, 12-methyl- | 242 | C19H14 | 002422-79-9 | 96 |
| 3 | Chrysene, 1-methyl- | 242 | C19H14 | 003351-28-8 | 94 |
| 4 | Benz[a]anthracene, 7-methyl- | 242 | C19H14 | 002541-69-7 | 94 |
| 5 | Chrysene, 6-methyl- | 242 | C19H14 | 001705-85-7 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

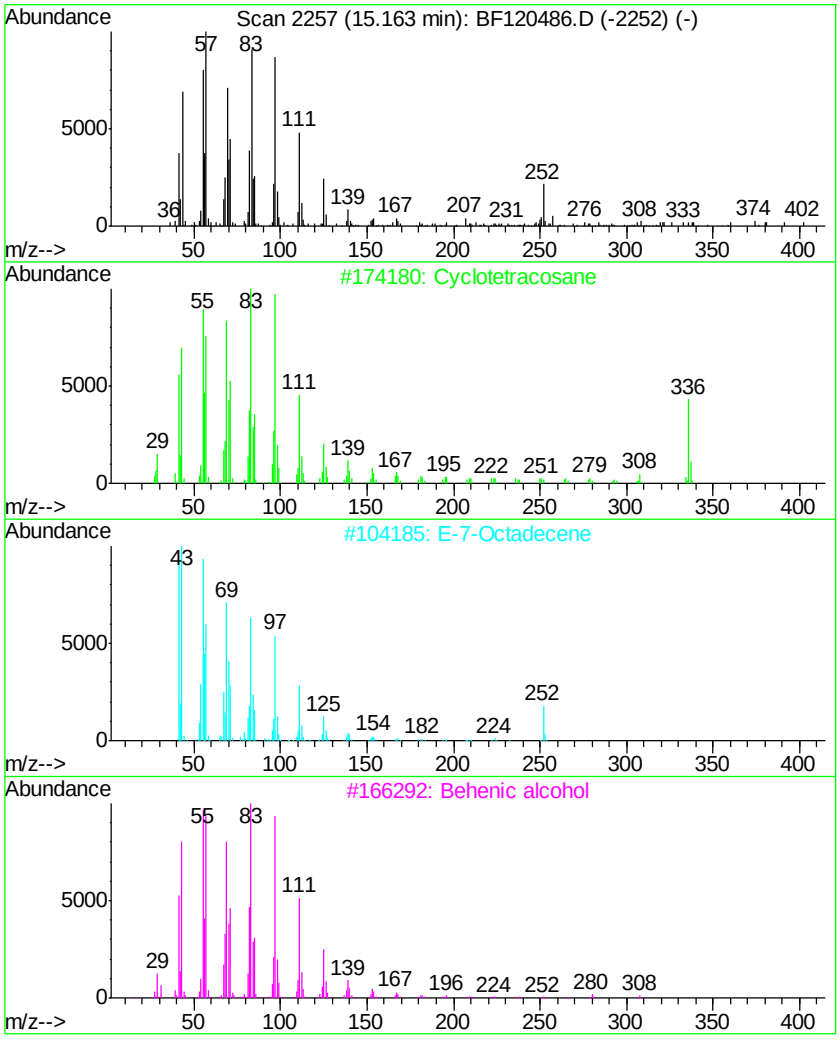
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

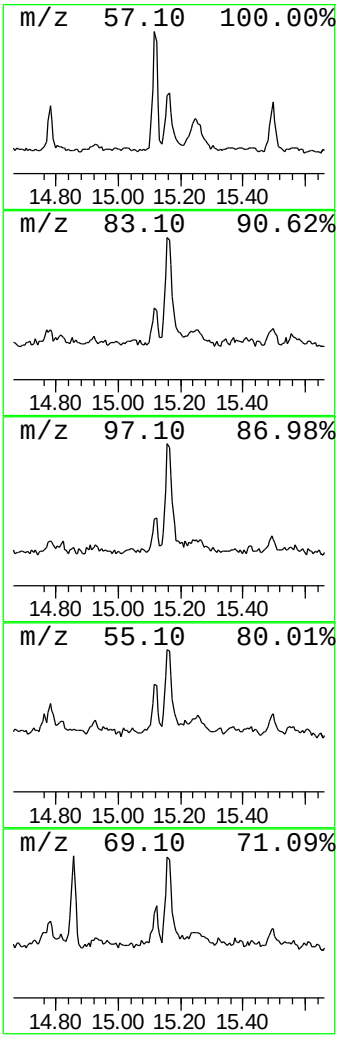
**********

Peak Number 10 Cyclotetracosane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.16 | 7.15 ng | 431237 | Perylene-d12 | 15.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 96 |
| 2 | E-7-Octadecene | 252 | C18H36 | 1000130-92-0 | 94 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 83 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

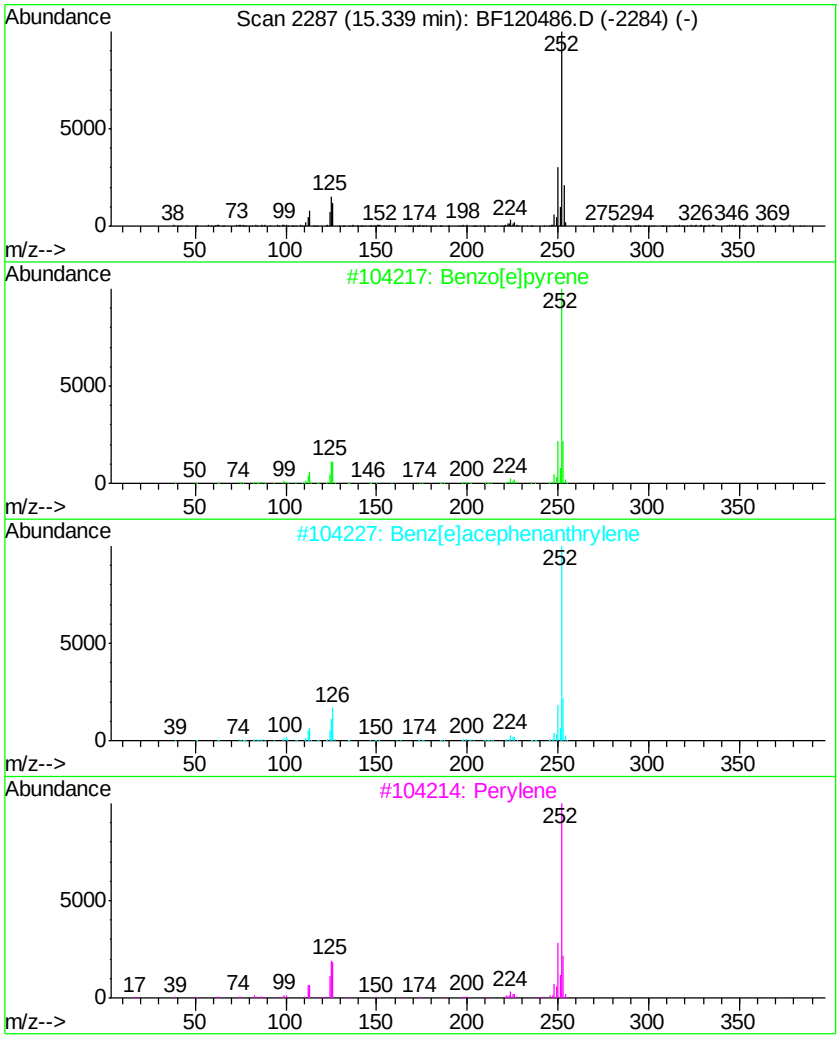
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

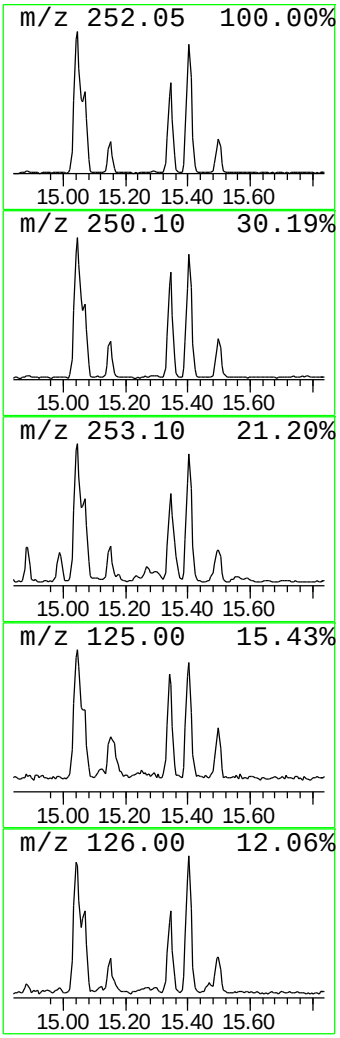
**********

Peak Number 11 Benzo[e]pyrene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.34 | 5.56 ng | 335048 | Perylene-d12 | 15.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 96 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 95 |
| 4 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 94 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

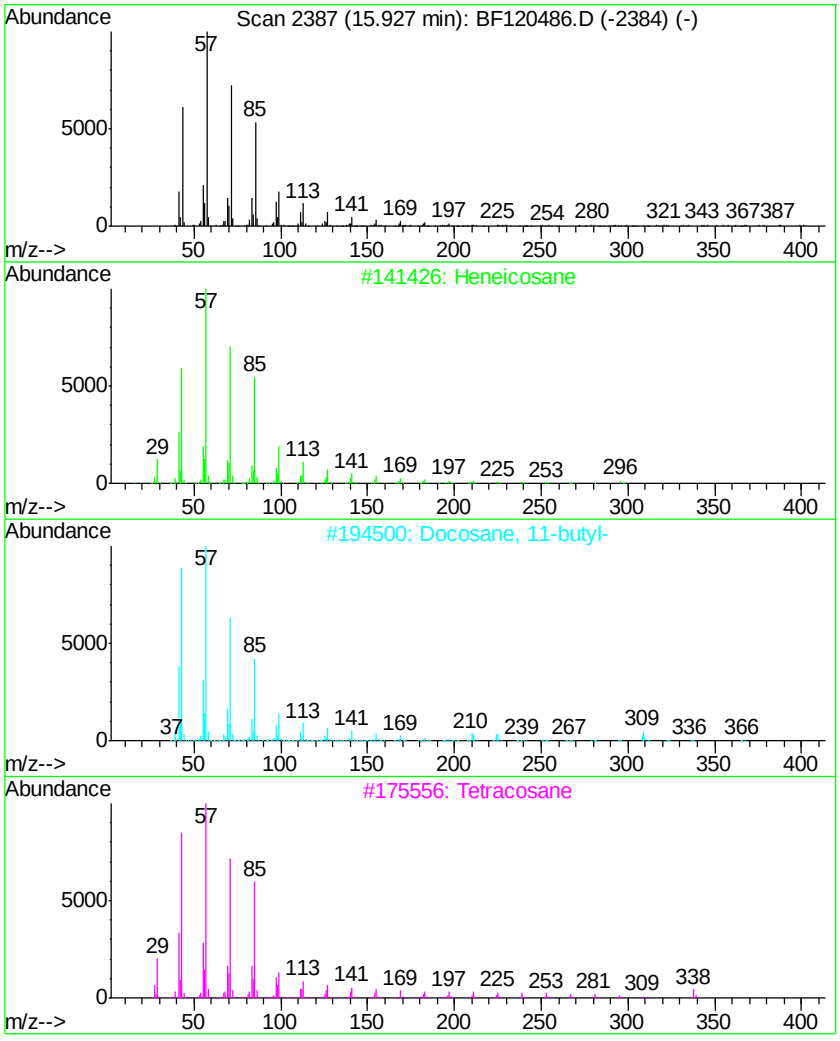
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

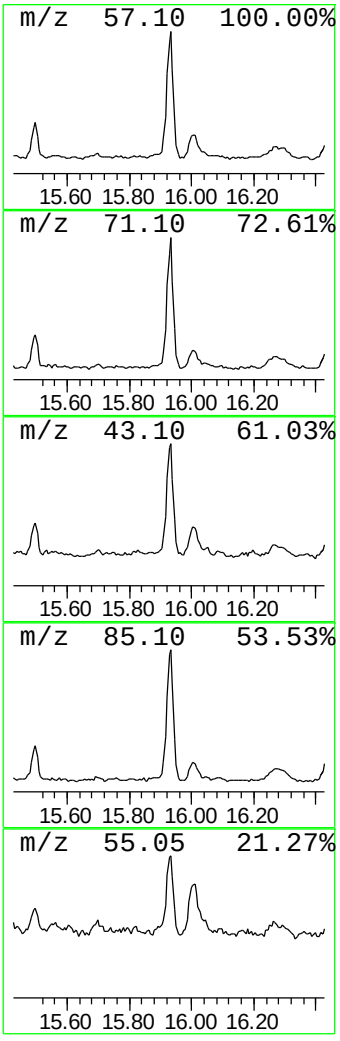
**********

Peak Number 12 Heneicosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.93 | 8.53 ng | 513835 | Perylene-d12 | 15.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 97 |
| 2 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 94 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 94 |
| 4 | Heneicosane, 11-pentyl- | 366 | C26H54 | 014739-72-1 | 94 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

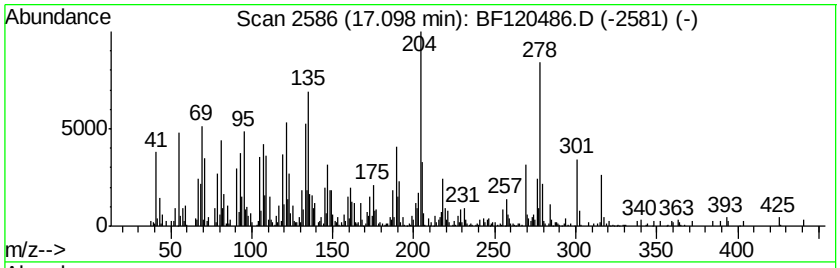
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

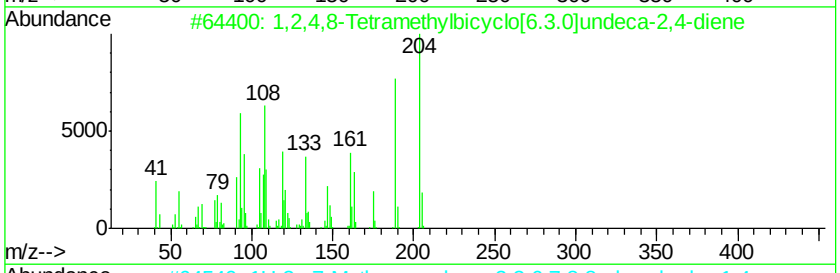
**********

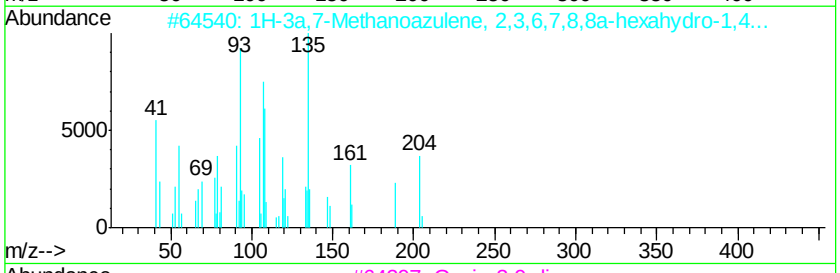
Peak Number 13 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 3

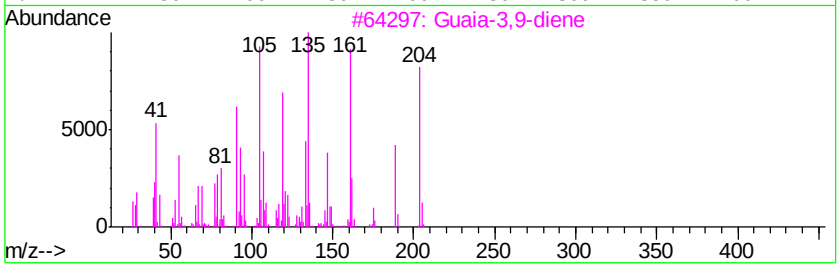
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.10 | 11.60 ng | 699293 | Perylene-d12 | 15.47 |

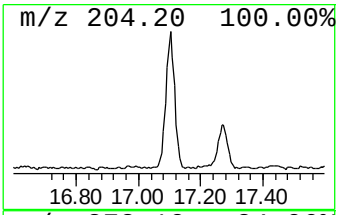
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 78 |
| 2 | 1H-3a,7-Methanoazulene, 2,3,6,7,... | 204 | C15H24 | 000560-32-7 | 46 |
| 3 | Guaia-3,9-diene | 204 | C15H24 | 000489-83-8 | 46 |
| 4 | 1,4-Dimethyl-8-isopropylidenetri... | 204 | C15H24 | 1000140-07-7 | 46 |
| 5 | Farnesyl bromide | 284 | C15H25Br | 006874-67-5 | 45 |

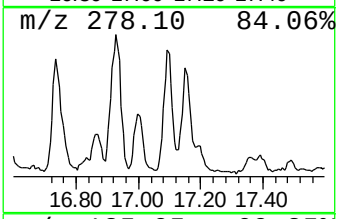


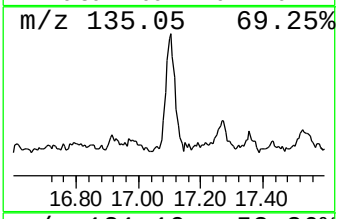



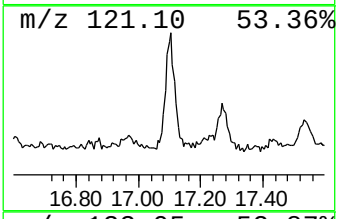



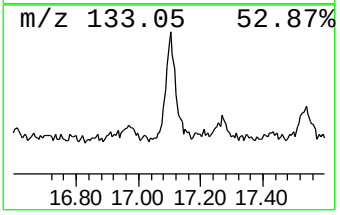



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060220\
Data File : BF120486.D
Acq On : 2 Jun 2020 11:18
Operator : JU/CG
Sample : L2792-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** NM107-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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 |
| Cyclohexane | 1.92 | 10.0 | ng | 552420 | 1 | 6.85 | 1101880 | 20.0 |
| Butane, 2-methoxy... | 2.10 | 23.1 | ng | 1272040 | 1 | 6.85 | 1101880 | 20.0 |
| cis-9-Hexadecenoi... | 11.83 | 4.3 | ng | 305696 | 4 | 11.37 | 1432530 | 20.0 |
| Anthracene, 1-met... | 11.86 | 4.6 | ng | 326631 | 4 | 11.37 | 1432530 | 20.0 |
| n-Hexadecanoic acid | 11.89 | 8.8 | ng | 632210 | 4 | 11.37 | 1432530 | 20.0 |
| 4H-Cyclopenta[def... | 11.98 | 3.3 | ng | 238704 | 4 | 11.37 | 1432530 | 20.0 |
| Heptadecyl heptaf... | 13.86 | 4.5 | ng | 491849 | 5 | 14.01 | 2193320 | 20.0 |
| Triphenylene, 2-m... | 14.39 | 2.8 | ng | 311282 | 5 | 14.01 | 2193320 | 20.0 |
| Cyclotetracosane | 15.16 | 7.2 | ng | 431237 | 6 | 15.47 | 1205420 | 20.0 |
| Benzo[e]pyrene | 15.34 | 5.6 | ng | 335048 | 6 | 15.47 | 1205420 | 20.0 |
| Heneicosane | 15.93 | 8.5 | ng | 513835 | 6 | 15.47 | 1205420 | 20.0 |
| 1,2,4,8-Tetrameth... | 17.10 | 11.6 | ng | 699293 | 6 | 15.47 | 1205420 | 20.0 |