LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB34A

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133735.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.040 | 498 | 502 | 507 | rBV | 22033 | 26119 | 1.58% | 0.170% |
| 2 | 5.445 | 566 | 571 | 574 | rBV | 1667574 | 1430274 | 86.59% | 9.311% |
| 3 | 6.457 | 739 | 743 | 746 | rBV | 1568189 | 1340114 | 81.13% | 8.724% |
| 4 | 6.834 | 803 | 807 | 810 | rBV | 598965 | 489482 | 29.63% | 3.187% |
| 5 | 7.392 | 898 | 902 | 905 | rBV | 1077499 | 836805 | 50.66% | 5.448% |
| 6 | 8.116 | 1021 | 1025 | 1028 | rBV | 662792 | 522207 | 31.62% | 3.400% |
| 7 | 9.186 | 1204 | 1207 | 1211 | rBV | 1554759 | 1359378 | 82.30% | 8.850% |
| 8 | 9.733 | 1295 | 1300 | 1303 | rVB | 23936 | 21600 | 1.31% | 0.141% |
| 9 | 9.869 | 1320 | 1323 | 1327 | rBV | 636850 | 490784 | 29.71% | 3.195% |
| 10 | 10.580 | 1440 | 1444 | 1450 | rVB | 92500 | 81643 | 4.94% | 0.531% |
| 11 | 10.657 | 1453 | 1457 | 1467 | rVV | 1068438 | 902224 | 54.62% | 5.873% |
| 12 | 11.357 | 1573 | 1576 | 1579 | rBV | 700332 | 607701 | 36.79% | 3.956% |
| 13 | 11.380 | 1579 | 1580 | 1584 | rVB | 181836 | 121640 | 7.36% | 0.792% |
| 14 | 11.433 | 1587 | 1589 | 1592 | rVB | 53977 | 39841 | 2.41% | 0.259% |
| 15 | 11.863 | 1656 | 1662 | 1663 | rBV2 | 64943 | 84146 | 5.09% | 0.548% |
| 16 | 11.886 | 1663 | 1666 | 1671 | rVV | 294220 | 282576 | 17.11% | 1.840% |
| 17 | 11.933 | 1671 | 1674 | 1677 | rVV2 | 27718 | 34512 | 2.09% | 0.225% |
| 18 | 11.974 | 1677 | 1681 | 1683 | rVV2 | 75634 | 85789 | 5.19% | 0.558% |
| 19 | 11.992 | 1683 | 1684 | 1690 | rVB | 41902 | 36844 | 2.23% | 0.240% |
| 20 | 12.063 | 1690 | 1696 | 1698 | rBV7 | 14096 | 25083 | 1.52% | 0.163% |
| 21 | 12.157 | 1709 | 1712 | 1714 | rBV | 48993 | 39861 | 2.41% | 0.259% |
| 22 | 12.180 | 1714 | 1716 | 1720 | rVB2 | 30062 | 27459 | 1.66% | 0.179% |
| 23 | 12.410 | 1752 | 1755 | 1758 | rBV2 | 38773 | 39863 | 2.41% | 0.260% |
| 24 | 12.445 | 1758 | 1761 | 1763 | rVV2 | 21288 | 21268 | 1.29% | 0.138% |
| 25 | 12.498 | 1767 | 1770 | 1777 | rVB2 | 33946 | 38495 | 2.33% | 0.251% |
| 26 | 12.574 | 1779 | 1783 | 1786 | rBV | 452402 | 376438 | 22.79% | 2.451% |
| 27 | 12.668 | 1796 | 1799 | 1802 | rBV | 56782 | 50762 | 3.07% | 0.330% |
| 28 | 12.804 | 1816 | 1822 | 1827 | rBV | 350584 | 378843 | 22.94% | 2.466% |
| 29 | 12.851 | 1827 | 1830 | 1835 | rVB2 | 28642 | 36872 | 2.23% | 0.240% |
| 30 | 12.921 | 1838 | 1842 | 1843 | rBV2 | 27306 | 28573 | 1.73% | 0.186% |
| 31 | 12.951 | 1843 | 1847 | 1850 | rVV | 1740639 | 1651727 | 100.00% | 10.753% |
| 32 | 13.021 | 1854 | 1859 | 1863 | rBV2 | 41059 | 67864 | 4.11% | 0.442% |
| 33 | 13.110 | 1870 | 1874 | 1875 | rBV3 | 32406 | 37269 | 2.26% | 0.243% |
| 34 | 13.133 | 1875 | 1878 | 1880 | rVB2 | 69280 | 62938 | 3.81% | 0.410% |
| 35 | 13.198 | 1887 | 1889 | 1892 | rVB | 39902 | 28549 | 1.73% | 0.186% |
| 36 | 13.233 | 1892 | 1895 | 1899 | rBV2 | 51292 | 56749 | 3.44% | 0.369% |

LSC Area Percent Report

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Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB34A

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-BF060923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.292 | 1903 | 1905 | 1908 | rVB4 | 18751 | 19539 | 1.18% | 0.127% |
| 38 | 13.327 | 1908 | 1911 | 1914 | rBV | 27959 | 24375 | 1.48% | 0.159% |
| 39 | 13.357 | 1914 | 1916 | 1919 | rBV | 31750 | 33038 | 2.00% | 0.215% |
| 40 | 13.510 | 1939 | 1942 | 1943 | rBV3 | 22622 | 22783 | 1.38% | 0.148% |
| 41 | 13.639 | 1961 | 1964 | 1969 | rVB | 70534 | 67113 | 4.06% | 0.437% |
| 42 | 13.751 | 1979 | 1983 | 1986 | rBV2 | 36796 | 51738 | 3.13% | 0.337% |
| 43 | 13.780 | 1986 | 1988 | 1990 | rVV | 32883 | 24819 | 1.50% | 0.162% |
| 44 | 13.845 | 1996 | 1999 | 2009 | rVB | 219522 | 249299 | 15.09% | 1.623% |
| 45 | 14.004 | 2018 | 2026 | 2029 | rBV2 | 726794 | 827452 | 50.10% | 5.387% |
| 46 | 14.027 | 2029 | 2030 | 2036 | rVB | 167320 | 134516 | 8.14% | 0.876% |
| 47 | 14.104 | 2041 | 2043 | 2046 | rVB3 | 29144 | 26247 | 1.59% | 0.171% |
| 48 | 14.145 | 2048 | 2050 | 2052 | rBV | 19561 | 18110 | 1.10% | 0.118% |
| 49 | 14.168 | 2052 | 2054 | 2057 | rVV3 | 24400 | 21655 | 1.31% | 0.141% |
| 50 | 14.292 | 2072 | 2075 | 2078 | rBV4 | 20004 | 20395 | 1.23% | 0.133% |
| 51 | 14.392 | 2090 | 2092 | 2095 | rVB | 42918 | 31380 | 1.90% | 0.204% |
| 52 | 14.421 | 2095 | 2097 | 2101 | rVB2 | 22328 | 22137 | 1.34% | 0.144% |
| 53 | 14.480 | 2103 | 2107 | 2111 | rBV4 | 101845 | 138556 | 8.39% | 0.902% |
| 54 | 14.727 | 2146 | 2149 | 2152 | rBV4 | 33580 | 33977 | 2.06% | 0.221% |
| 55 | 14.780 | 2156 | 2158 | 2162 | rVB3 | 26724 | 22036 | 1.33% | 0.143% |
| 56 | 14.857 | 2168 | 2171 | 2177 | rBV4 | 25527 | 41792 | 2.53% | 0.272% |
| 57 | 14.927 | 2179 | 2183 | 2190 | rVB | 236738 | 261667 | 15.84% | 1.703% |
| 58 | 15.039 | 2199 | 2202 | 2206 | rBV | 81766 | 124444 | 7.53% | 0.810% |
| 59 | 15.115 | 2212 | 2215 | 2217 | rBV | 92409 | 98269 | 5.95% | 0.640% |
| 60 | 15.145 | 2217 | 2220 | 2226 | rVB2 | 142414 | 194701 | 11.79% | 1.268% |
| 61 | 15.345 | 2251 | 2254 | 2259 | rVB | 45736 | 56054 | 3.39% | 0.365% |
| 62 | 15.404 | 2261 | 2264 | 2269 | rBV | 59172 | 67788 | 4.10% | 0.441% |
| 63 | 15.468 | 2270 | 2275 | 2278 | rBV | 313838 | 381277 | 23.08% | 2.482% |
| 64 | 15.698 | 2311 | 2314 | 2320 | rVB2 | 68564 | 91524 | 5.54% | 0.596% |
| 65 | 15.933 | 2350 | 2354 | 2358 | rVB | 89830 | 124324 | 7.53% | 0.809% |
| 66 | 16.345 | 2419 | 2424 | 2434 | rVB3 | 137624 | 274994 | 16.65% | 1.790% |
| 67 | 16.733 | 2487 | 2490 | 2496 | rVB5 | 62620 | 92710 | 5.61% | 0.604% |

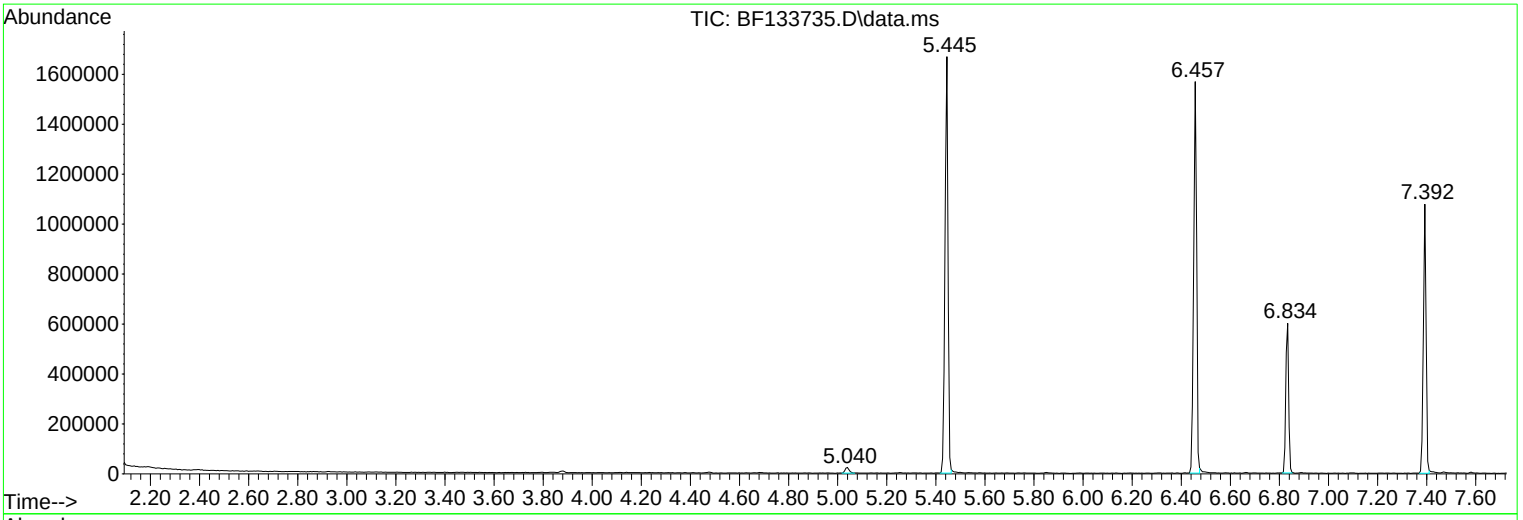
Sum of corrected areas: 15361001

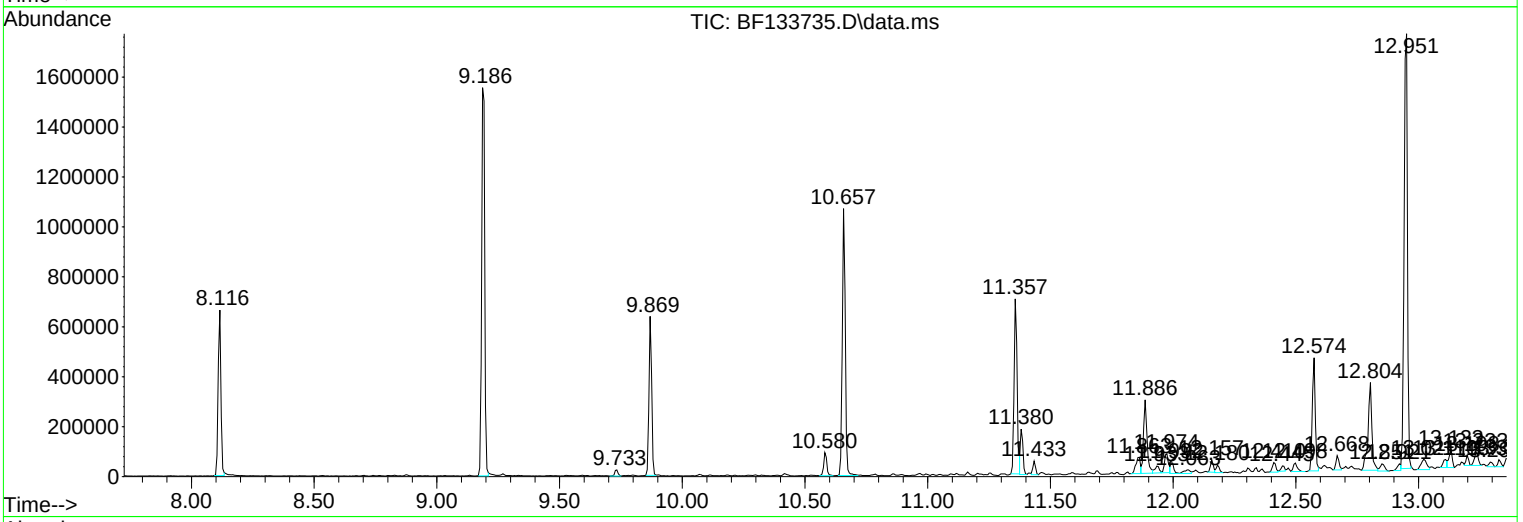
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

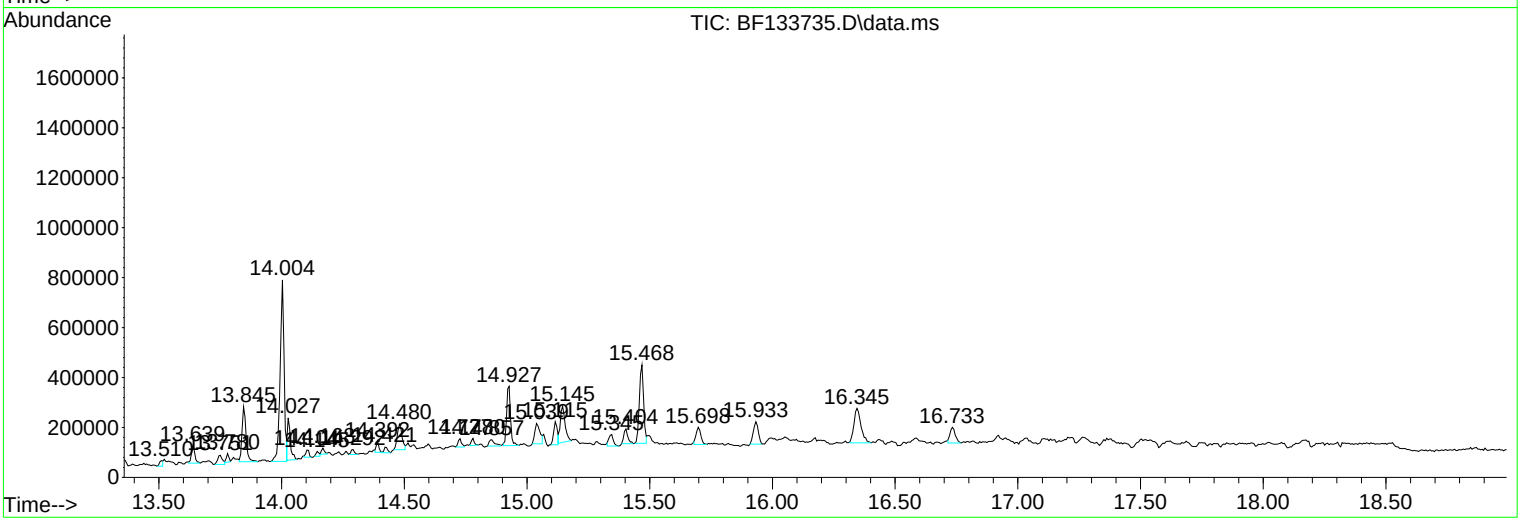
**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

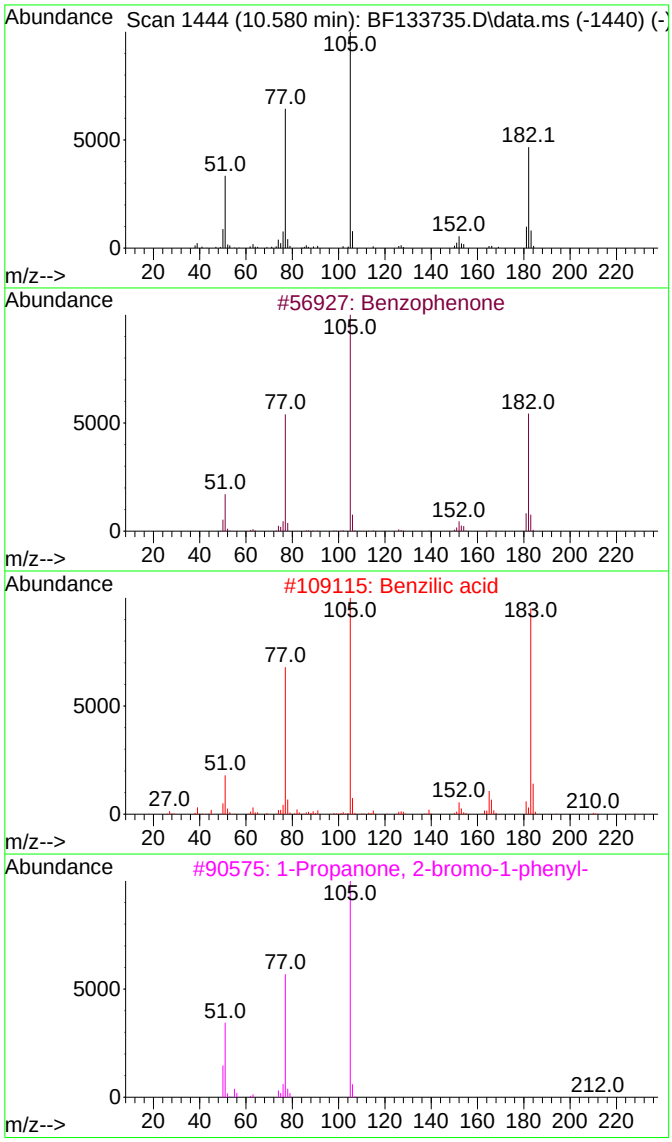
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

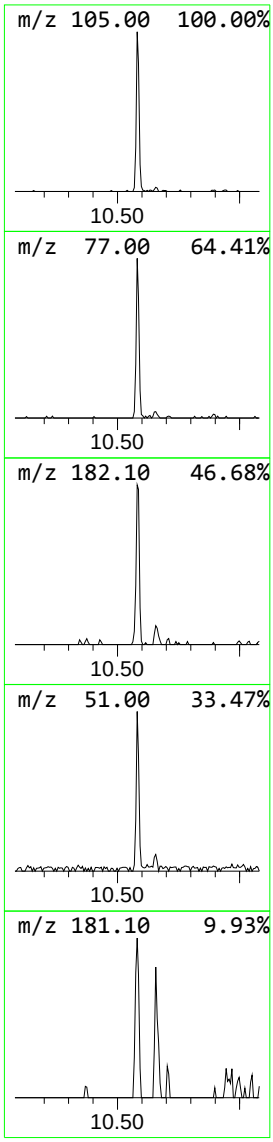
**********

Peak Number 1 Benzophenone Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.580 | 3.33 ng | 81643 | Acenaphthene-d10 | 9.869 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 2 | Benzilic acid | 228 | C14H12O3 | 000076-93-7 | 47 |
| 3 | 1-Propanone, 2-bromo-1-phenyl- | 212 | C9H9BrO | 002114-00-3 | 47 |
| 4 | Benzoylformic acid | 150 | C8H6O3 | 000611-73-4 | 46 |
| 5 | Disulfide, dibenzoyl | 274 | C14H10O2S2 | 000644-32-6 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

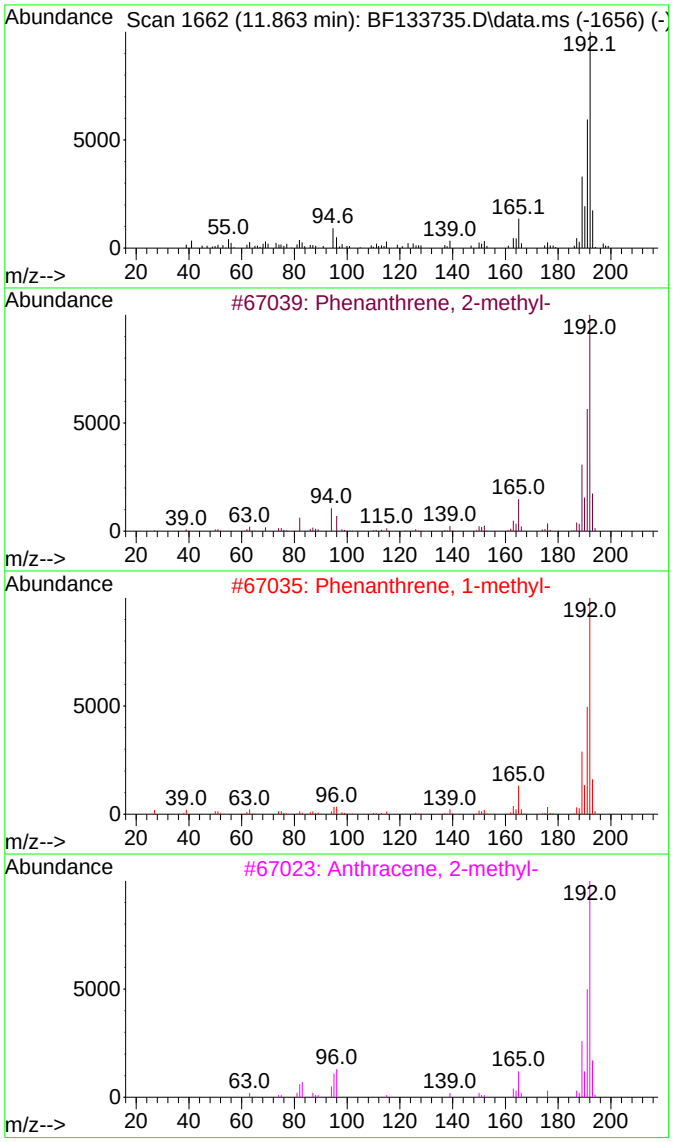
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

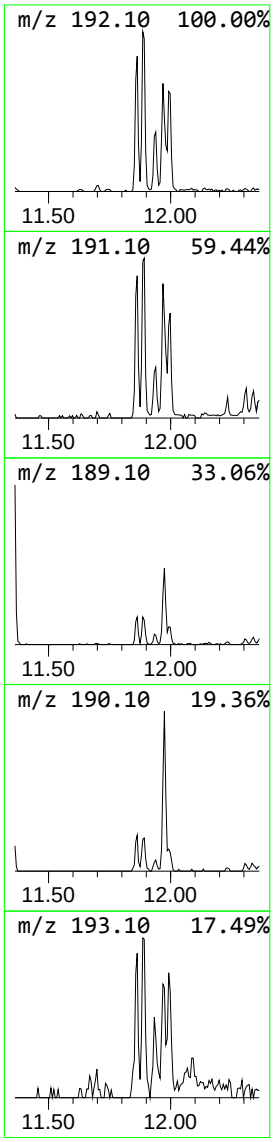
**********

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.863 | 2.77 ng | 84146 | Phenanthrene-d10 | 11.357 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 90 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 90 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 89 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

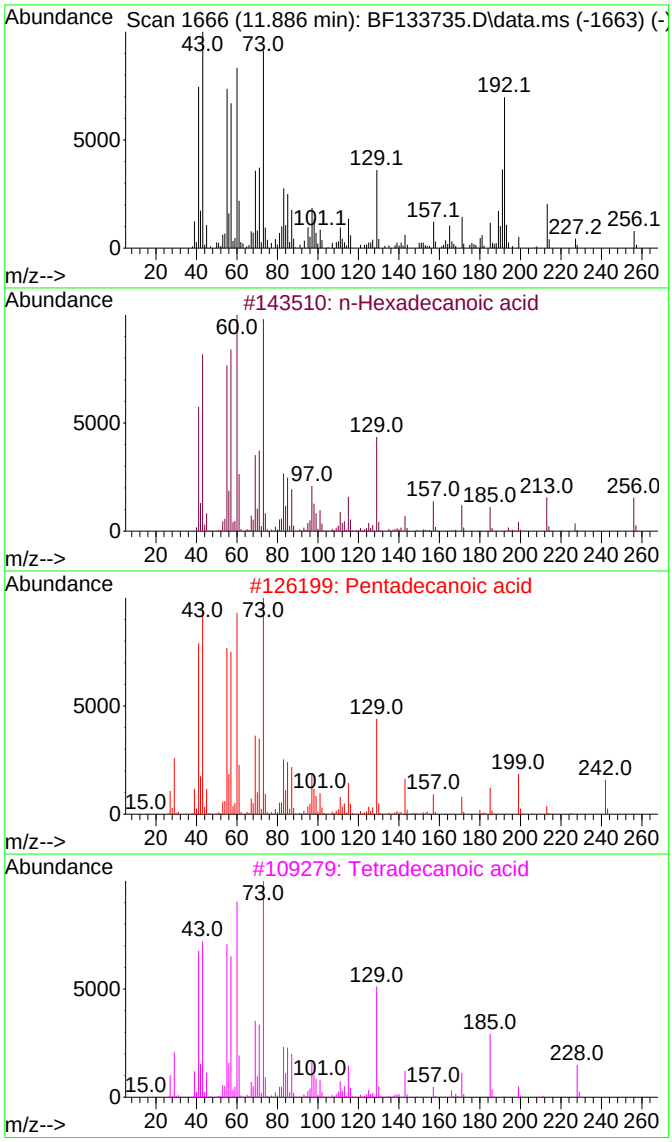
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

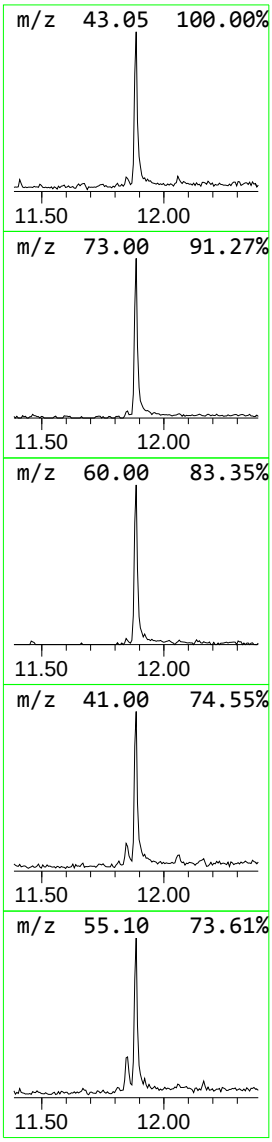
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.886 | 9.30 ng | 282576 | Phenanthrene-d10 | 11.357 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 78 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 78 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 62 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

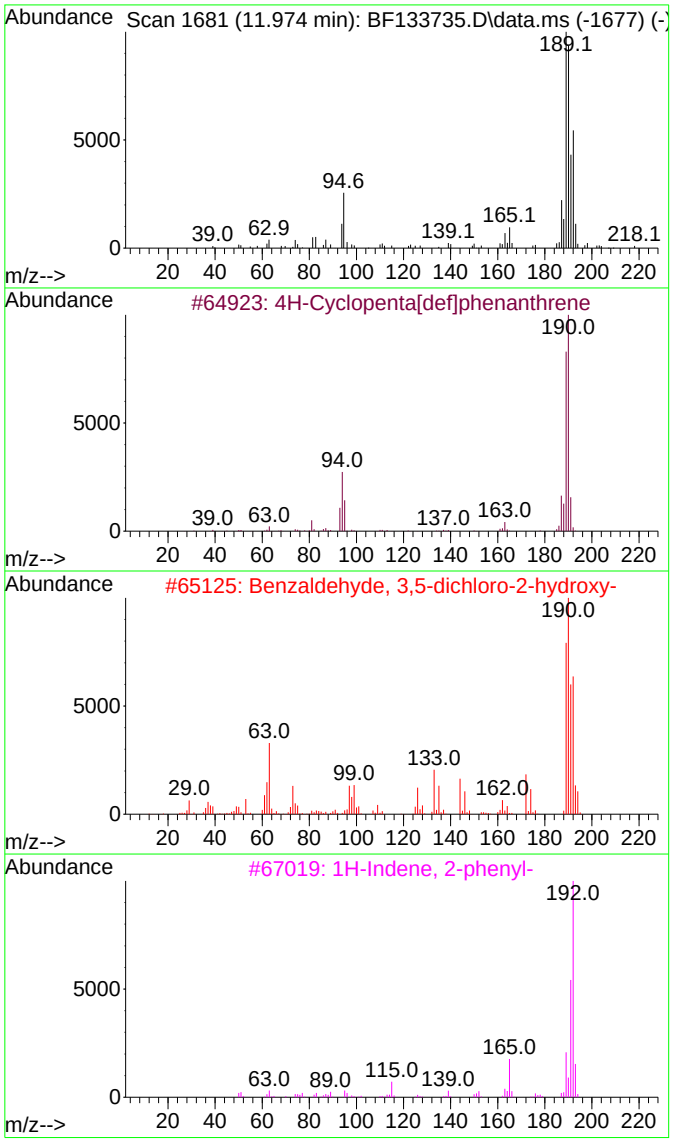
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

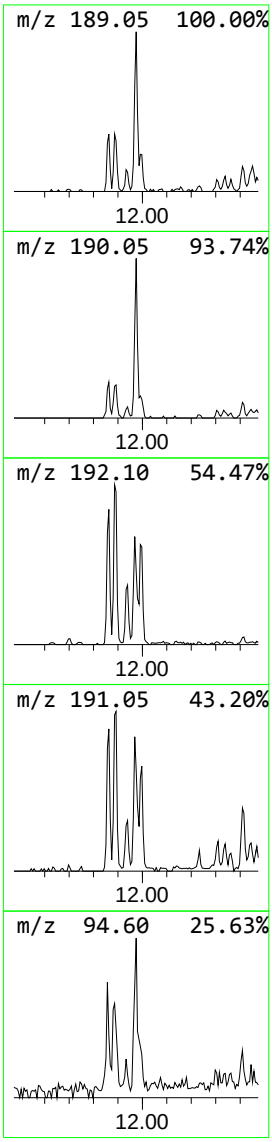
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.974 | 2.82 ng | 85789 | Phenanthrene-d10 | 11.357 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 70 |
| 2 | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2 | 000090-60-8 | 50 |
| 3 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 25 |
| 4 | Benzene, 1,1'-(1,2-propadienylid... | 192 | C15H12 | 014251-57-1 | 25 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

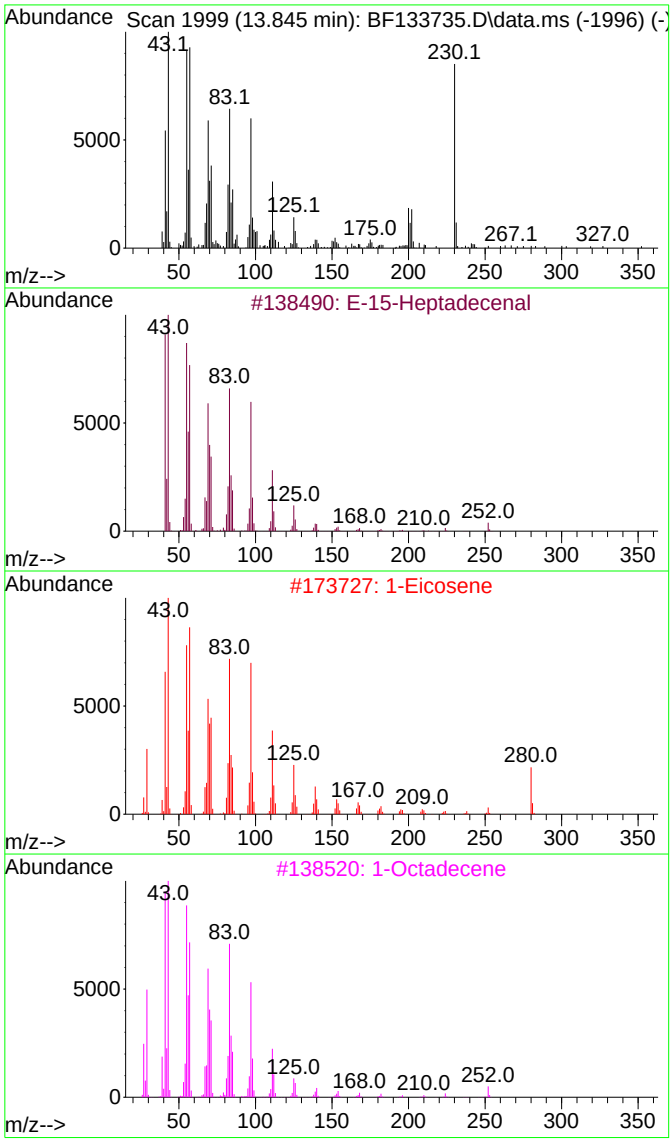
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

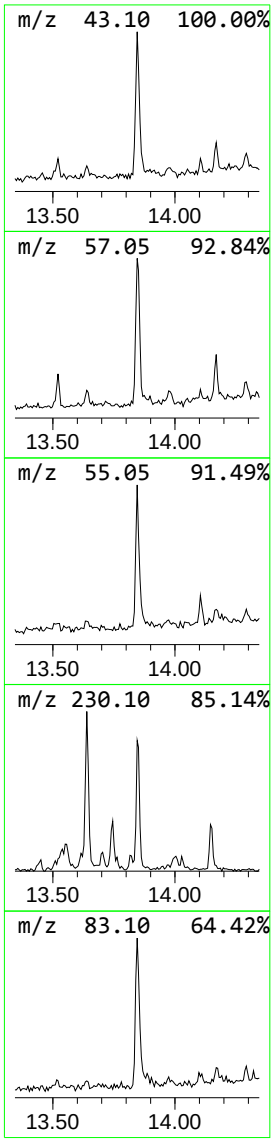
**********

Peak Number 5 E-15-Heptadecenal Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.845 | 6.03 ng | 249299 | Chrysene-d12 | 14.004 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 90 |
| 2 | 1-Eicosene | 280 | C20H40 | 003452-07-1 | 90 |
| 3 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 87 |
| 4 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 87 |
| 5 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

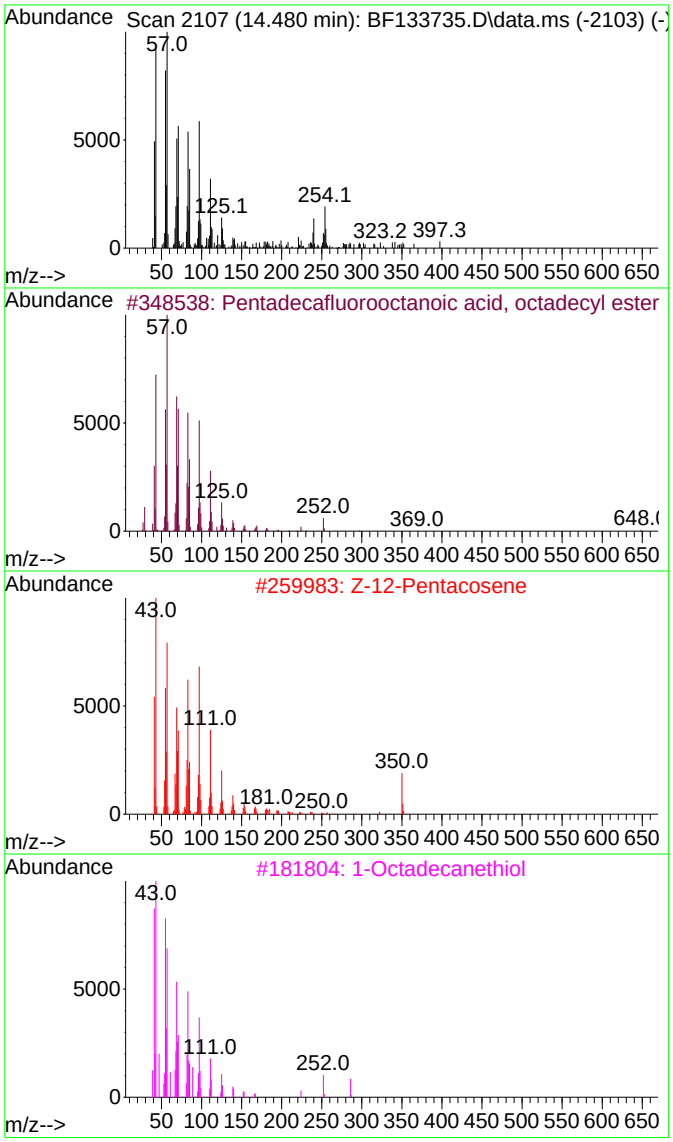
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

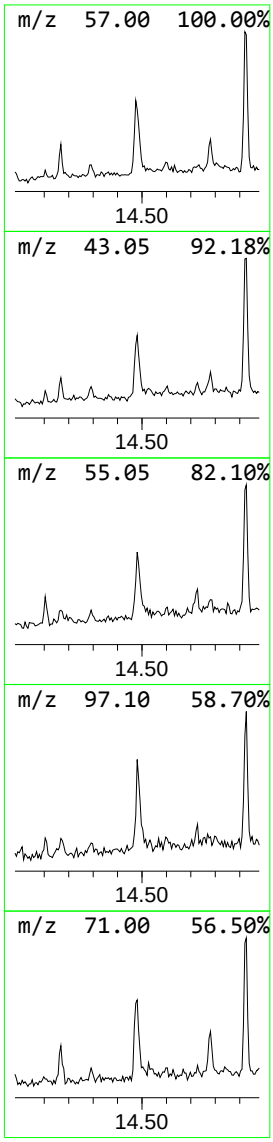
**********

Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.480 | 3.35 ng | 138556 | Chrysene-d12 | 14.004 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93 |
| 2 | Z-12-Pentacosene | 350 | C25H50 | 1000131-09-4 | 93 |
| 3 | 1-Octadecanethiol | 286 | C18H38S | 002885-00-9 | 91 |
| 4 | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 89 |
| 5 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

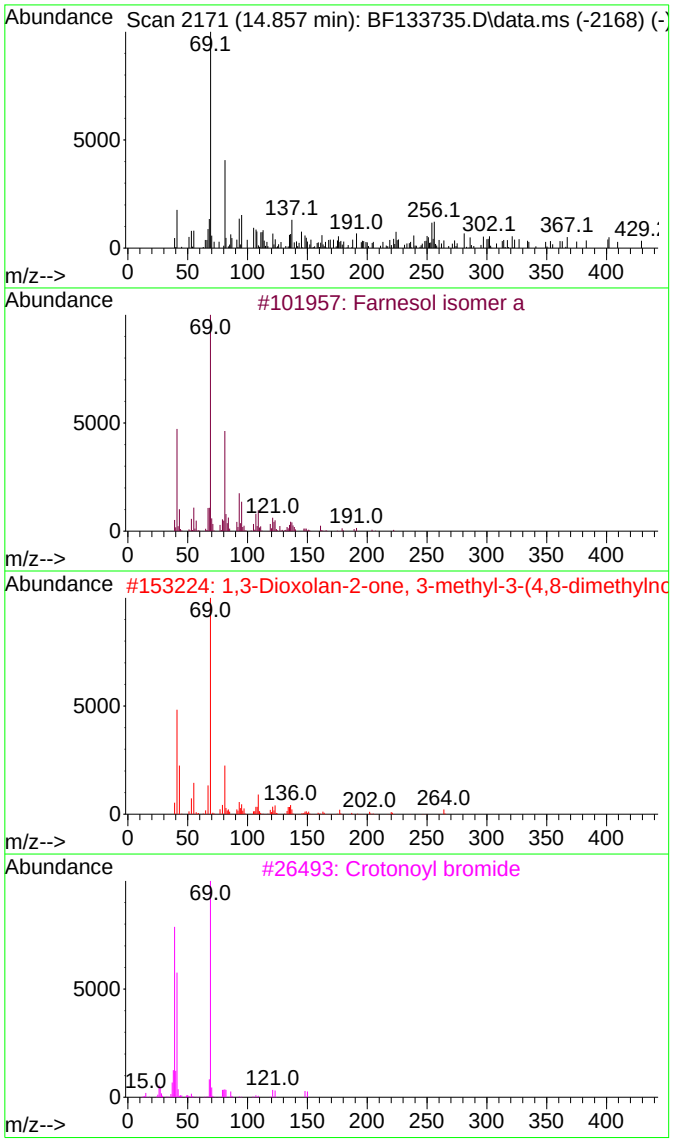
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

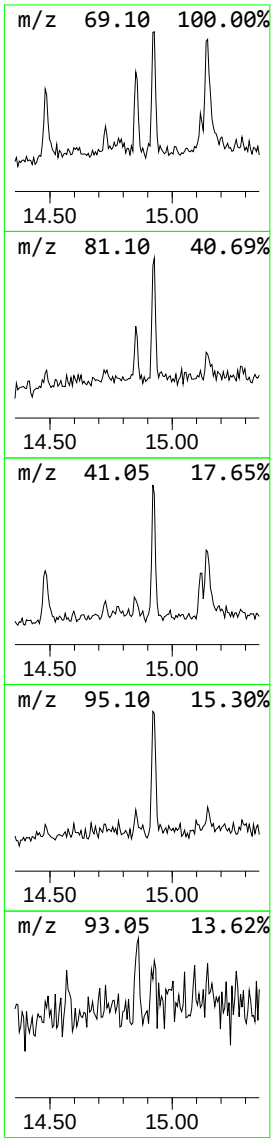
**********

Peak Number 7 Farnesol isomer a Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.857 | 2.19 ng | 41792 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Farnesol isomer a | 222 | C15H26O | 1000108-92-4 | 52 |
| 2 | 1,3-Dioxolan-2-one, 3-methyl-3-(... | 264 | C16H24O3 | 336879-76-6 | 52 |
| 3 | Crotonoyl bromide | 148 | C4H5BrO | 055600-70-9 | 50 |
| 4 | Cyclopentane, iodo- | 196 | C5H9I | 001556-18-9 | 50 |
| 5 | Cyclopropanecarboxylic acid, 3-m... | 176 | C11H12O2 | 1000307-52-1 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

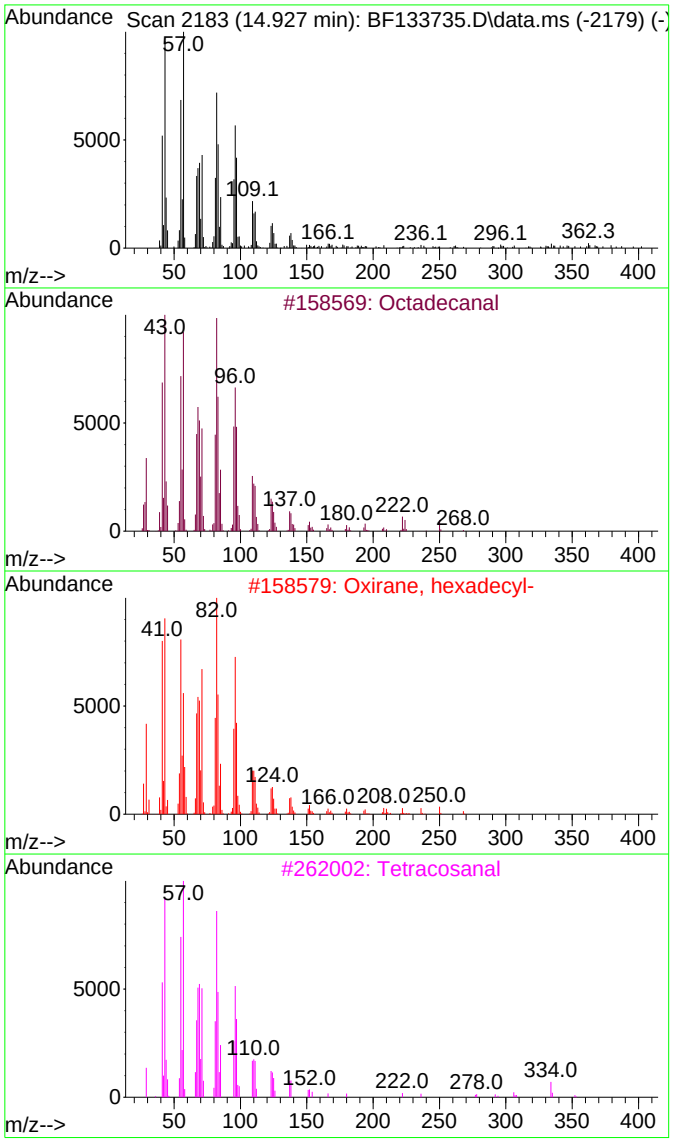
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

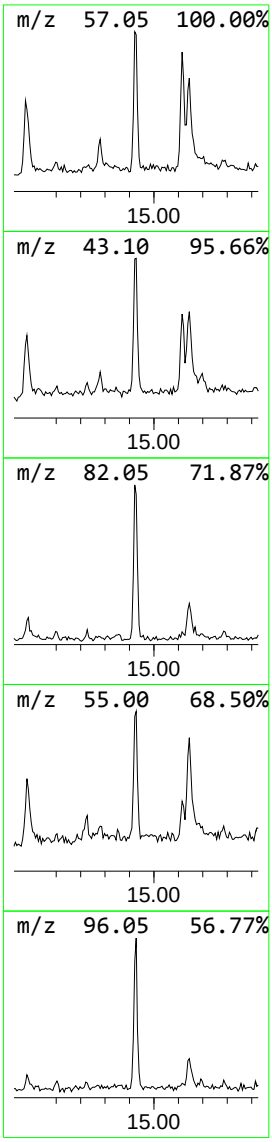
**********

Peak Number 8 Octadecanal Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.927 | 13.73 ng | 261667 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanal | 268 | C18H36O | 000638-66-4 | 96 |
| 2 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 96 |
| 3 | Tetracosanal | 352 | C24H48O | 057866-08-7 | 94 |
| 4 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 90 |
| 5 | Oxirane, tetradecyl- | 240 | C16H32O | 007320-37-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

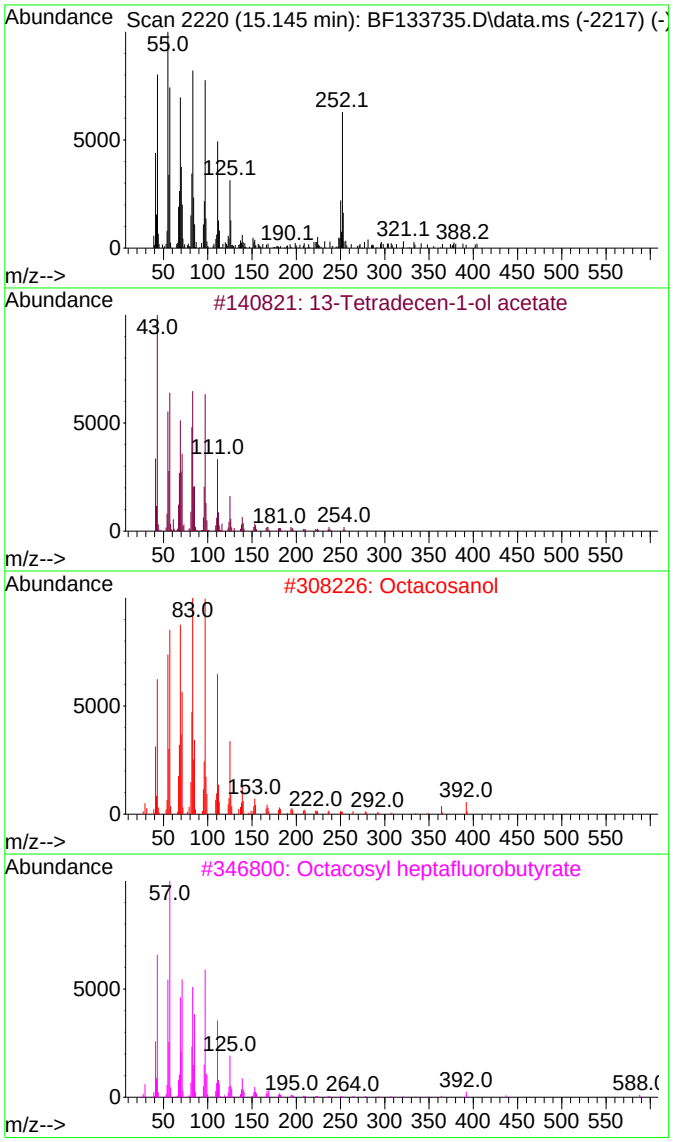
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

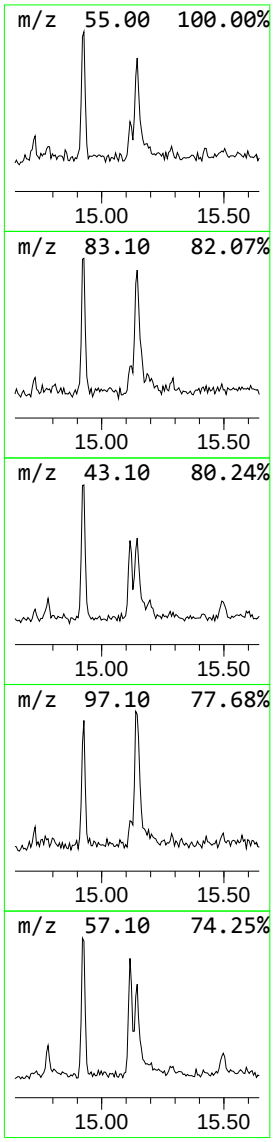
**********

Peak Number 9 13-Tetradecen-1-ol acetate Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.145 | 10.21 ng | 194701 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 13-Tetradecen-1-ol acetate | 254 | C16H30O2 | 056221-91-1 | 86 |
| 2 | Octacosanol | 410 | C28H58O | 000557-61-9 | 81 |
| 3 | Octacosyl heptafluorobutyrate | 606 | C32H57F7O2 | 1010351-83-6 | 74 |
| 4 | Heneicosyl trifluoroacetate | 408 | C23H43F3O2 | 1000351-76-5 | 74 |
| 5 | Octacosyl trifluoroacetate | 506 | C30H57F3O2 | 1000351-74-9 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

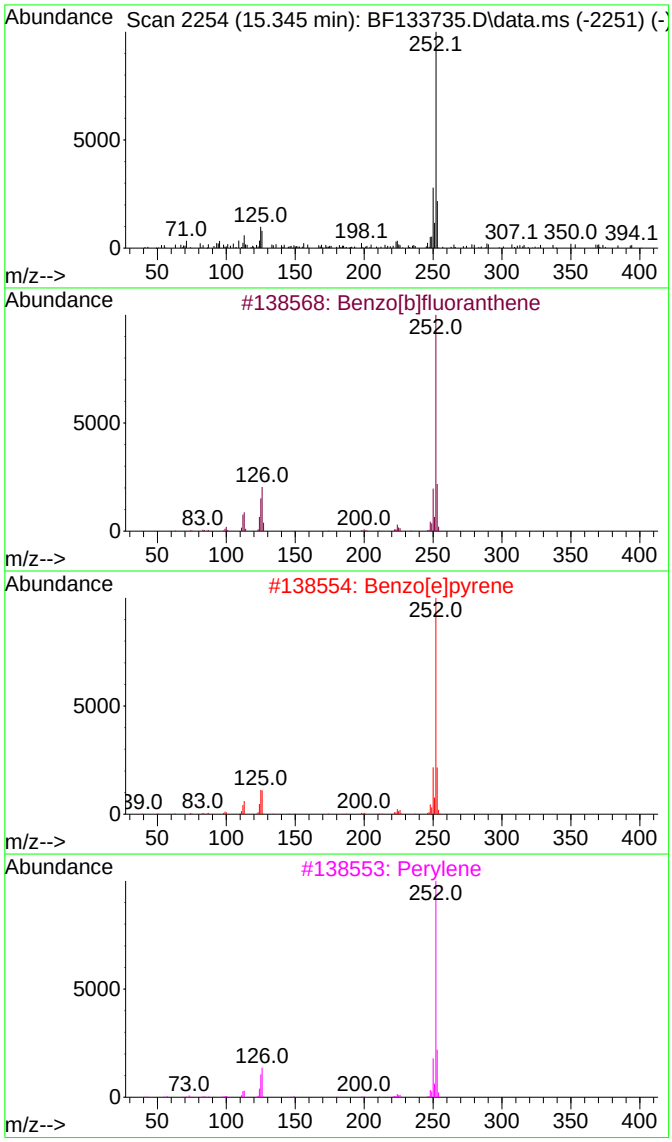
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

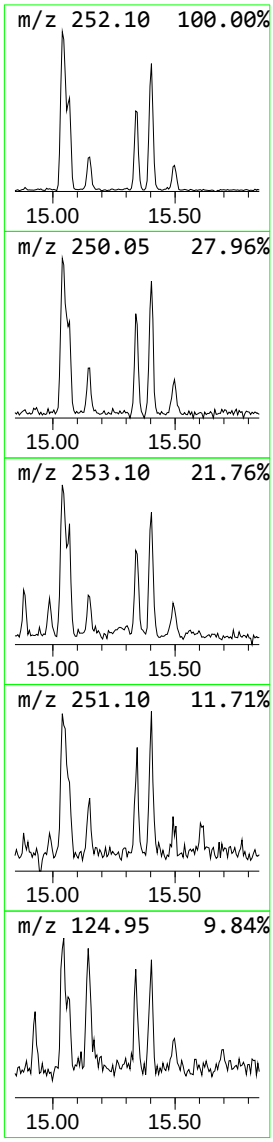
**********

Peak Number 10 Benzo[e]pyrene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.345 | 2.94 ng | 56054 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 90 |
| 2 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 87 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 87 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 87 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

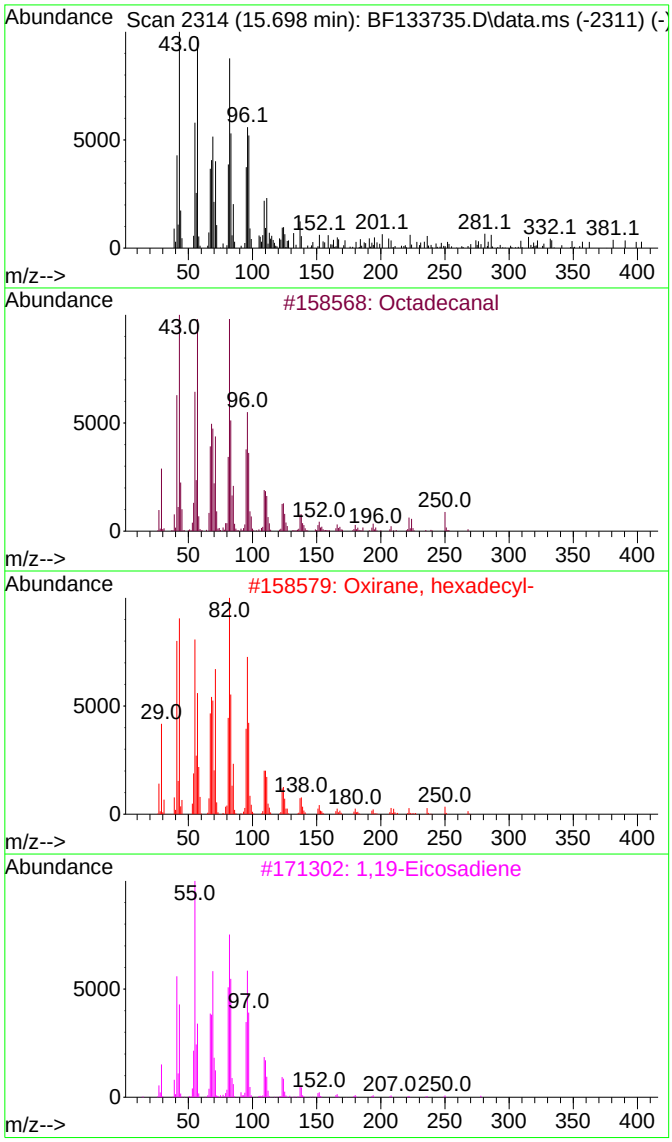
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

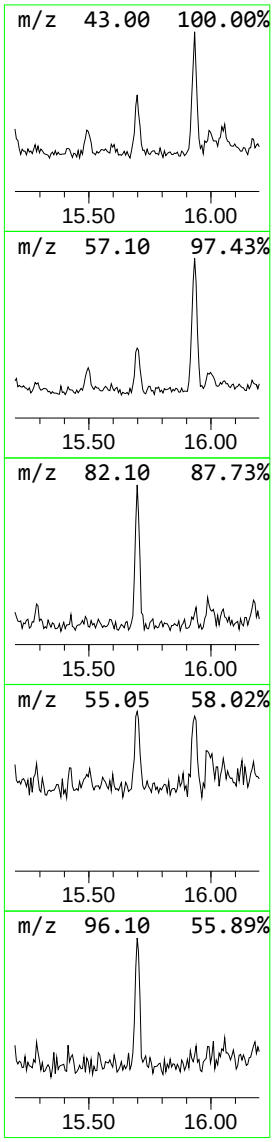
**********

Peak Number 11 Oxirane, hexadecyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.698 | 4.80 ng | 91524 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanal | 268 | C18H36O | 000638-66-4 | 90 |
| 2 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 89 |
| 3 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 74 |
| 4 | 16-Octadecenal | 266 | C18H34O | 056554-87-1 | 72 |
| 5 | Octadecanoic acid, 3-hydroxy-2-t... | 511 | C33H66O3 | 018951-36-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

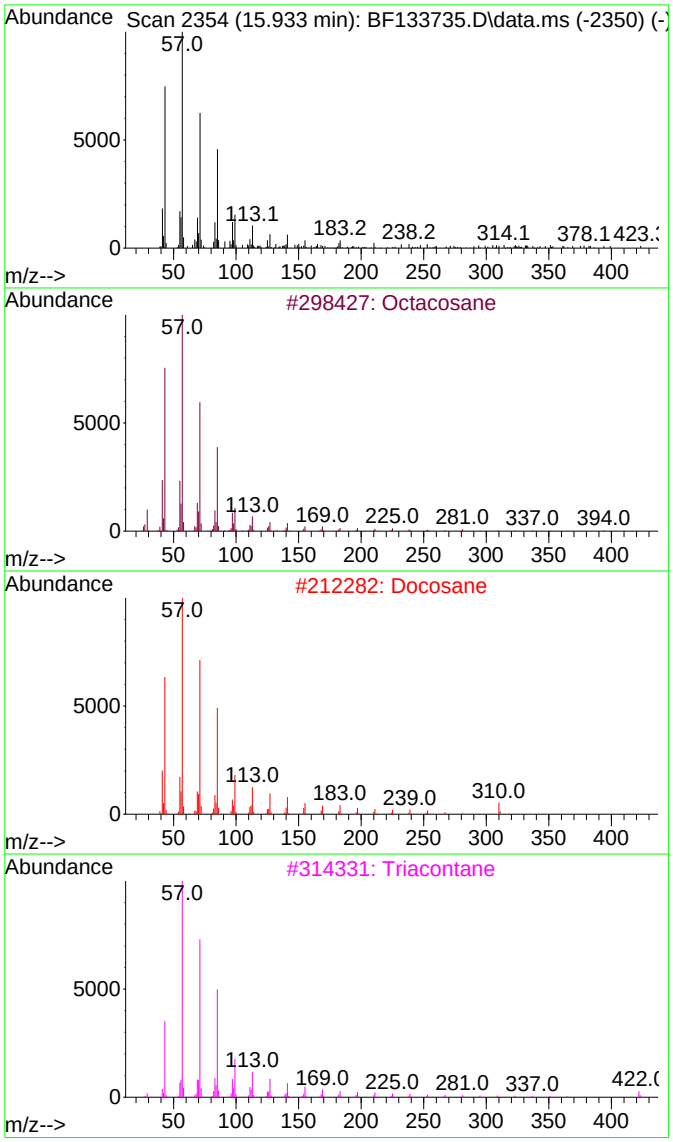
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

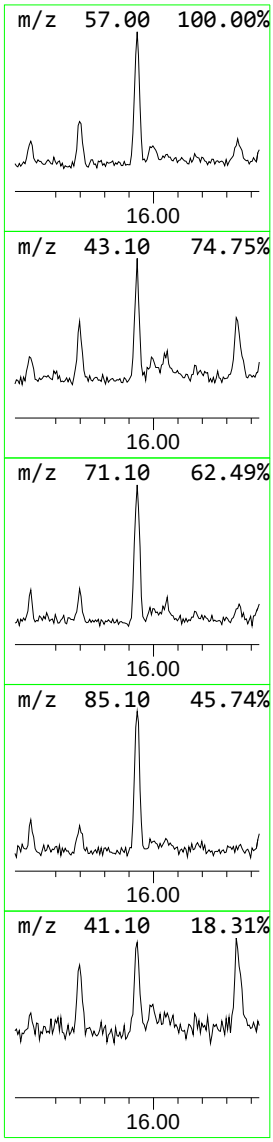
**********

Peak Number 12 Octacosane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.933 | 6.52 ng | 124324 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 93 |
| 2 | Docosane | 310 | C22H46 | 000629-97-0 | 93 |
| 3 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |
| 4 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 87 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

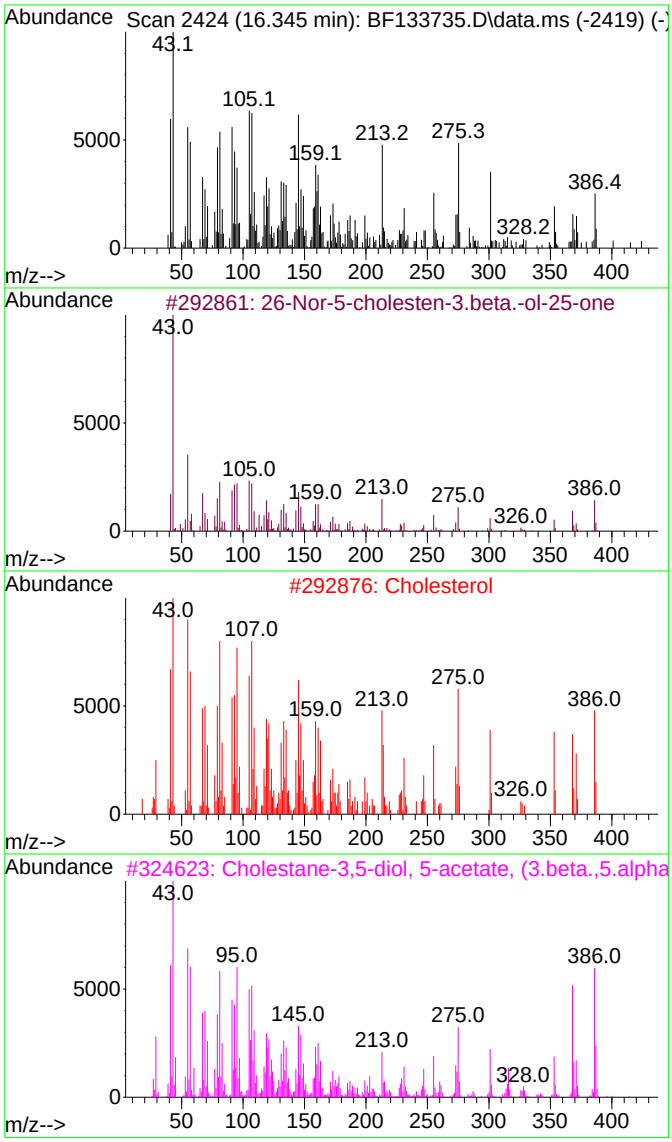
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

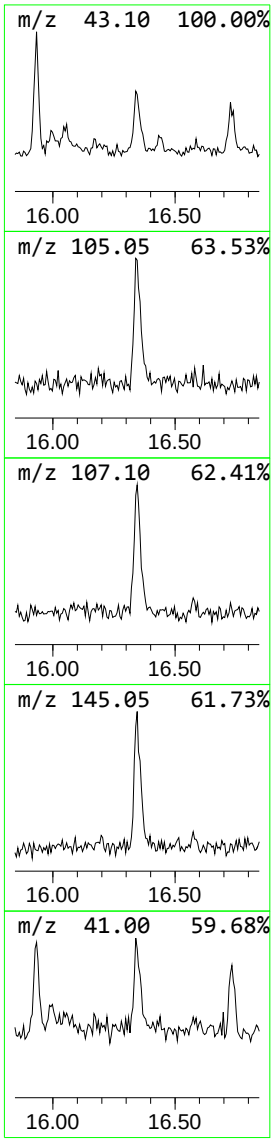
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 26-Nor-5-cholesten-3.beta.-... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.345 | 14.42 ng | 274994 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 26-Nor-5-cholesten-3.beta.-ol-25... | 386 | C26H42O2 | 007494-34-0 | 95 |
| 2 | Cholesterol | 386 | C27H46O | 000057-88-5 | 83 |
| 3 | Cholestane-3,5-diol, 5-acetate, ... | 446 | C29H50O3 | 041721-93-1 | 72 |
| 4 | Lathosterol | 386 | C27H46O | 000080-99-9 | 55 |
| 5 | AKB48 N-(4-hydroxypentyl) metabo... | 381 | C23H31N3O2 | 1778734-77-2 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

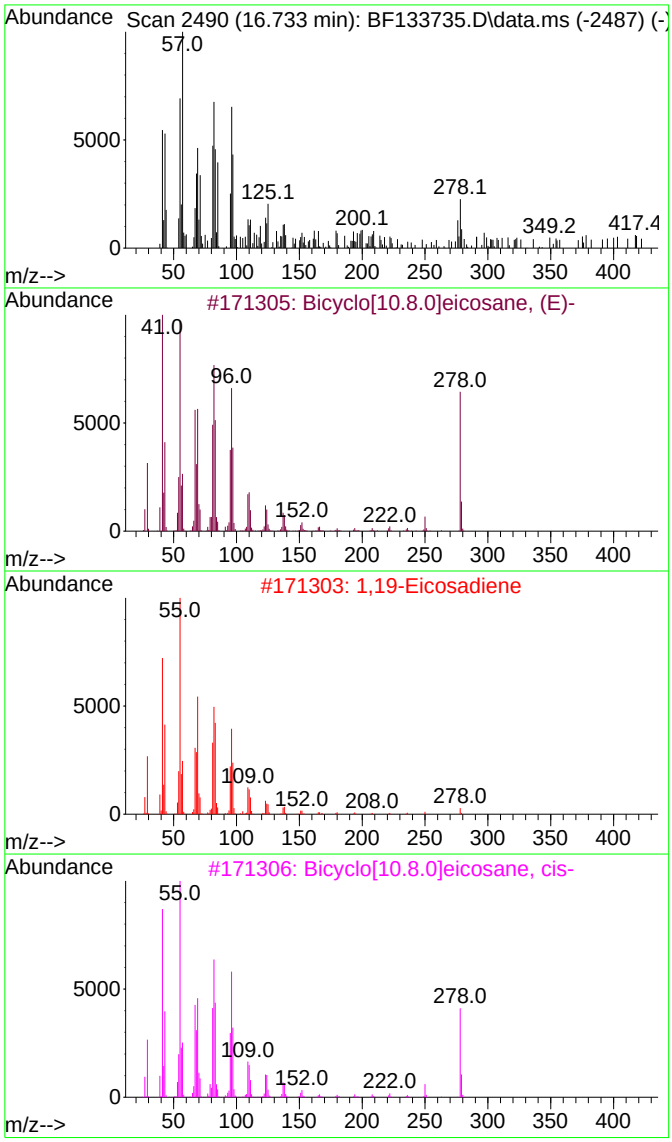
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

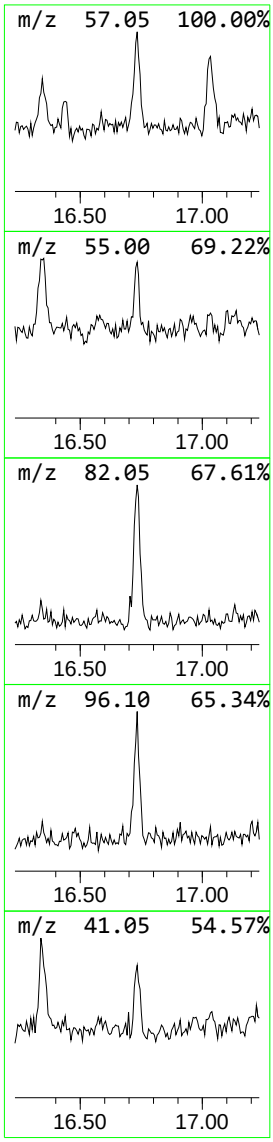
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Bicyclo[10.8.0]eicosane, (E)- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.733 | 4.86 ng | 92710 | Perylene-d12 | 15.468 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[10.8.0]eicosane, (E)- | 278 | C20H38 | 1010155-85-0 | 56 |
| 2 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 52 |
| 3 | Bicyclo[10.8.0]eicosane, cis- | 278 | C20H38 | 1000155-82-2 | 49 |
| 4 | Tetracosanal | 352 | C24H48O | 057866-08-7 | 49 |
| 5 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 43 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133735.D
Acq On : 13 Jun 2023 17:23
Operator : CG\JU
Sample : 03069-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SB34A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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 |
| Benzophenone | 10.580 | 3.3 | ng | 81643 | 3 | 9.869 | 490784 | 20.0 |
| Phenanthrene, 2... | 11.863 | 2.8 | ng | 84146 | 4 | 11.357 | 607701 | 20.0 |
| n-Hexadecanoic ... | 11.886 | 9.3 | ng | 282576 | 4 | 11.357 | 607701 | 20.0 |
| 4H-Cyclopenta[d... | 11.974 | 2.8 | ng | 85789 | 4 | 11.357 | 607701 | 20.0 |
| E-15-Heptadecenal | 13.845 | 6.0 | ng | 249299 | 5 | 14.004 | 827452 | 20.0 |
| Pentadecafluoro... | 14.480 | 3.4 | ng | 138556 | 5 | 14.004 | 827452 | 20.0 |
| Farnesol isomer a | 14.857 | 2.2 | ng | 41792 | 6 | 15.468 | 381277 | 20.0 |
| Octadecanal | 14.927 | 13.7 | ng | 261667 | 6 | 15.468 | 381277 | 20.0 |
| 13-Tetradecen-1... | 15.145 | 10.2 | ng | 194701 | 6 | 15.468 | 381277 | 20.0 |
| Benzo[e]pyrene | 15.345 | 2.9 | ng | 56054 | 6 | 15.468 | 381277 | 20.0 |
| Oxirane, hexade... | 15.698 | 4.8 | ng | 91524 | 6 | 15.468 | 381277 | 20.0 |
| Octacosane | 15.933 | 6.5 | ng | 124324 | 6 | 15.468 | 381277 | 20.0 |
| 26-Nor-5-choles... | 16.345 | 14.4 | ng | 274994 | 6 | 15.468 | 381277 | 20.0 |
| Bicyclo[10.8.0]... | 16.733 | 4.9 | ng | 92710 | 6 | 15.468 | 381277 | 20.0 |