LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137209.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.410 | 562 | 565 | 576 | rBV | 161551 | 168878 | 7.06% | 0.783% |
| 2 | 6.416 | 733 | 736 | 743 | rBV | 150924 | 142380 | 5.95% | 0.660% |
| 3 | 6.634 | 768 | 773 | 779 | rVB2 | 33141 | 40329 | 1.69% | 0.187% |
| 4 | 6.793 | 796 | 800 | 807 | rBV | 291152 | 279594 | 11.69% | 1.297% |
| 5 | 7.181 | 863 | 866 | 869 | rBV2 | 54957 | 49293 | 2.06% | 0.229% |
| 6 | 7.322 | 886 | 890 | 892 | rBV3 | 39131 | 47034 | 1.97% | 0.218% |
| 7 | 7.345 | 892 | 894 | 899 | rVV | 95982 | 112986 | 4.72% | 0.524% |
| 8 | 7.387 | 899 | 901 | 905 | rVB | 171305 | 135861 | 5.68% | 0.630% |
| 9 | 7.440 | 905 | 910 | 912 | rVB4 | 41179 | 53812 | 2.25% | 0.250% |
| 10 | 7.592 | 931 | 936 | 940 | rVB3 | 69776 | 92791 | 3.88% | 0.430% |
| 11 | 7.757 | 960 | 964 | 967 | rVB3 | 59281 | 66896 | 2.80% | 0.310% |
| 12 | 7.792 | 967 | 970 | 971 | rBV2 | 63334 | 56294 | 2.35% | 0.261% |
| 13 | 7.828 | 974 | 976 | 980 | rVV3 | 64741 | 76713 | 3.21% | 0.356% |
| 14 | 7.869 | 980 | 983 | 985 | rVV2 | 49157 | 43892 | 1.83% | 0.204% |
| 15 | 7.910 | 988 | 990 | 992 | rVB | 54839 | 40192 | 1.68% | 0.186% |
| 16 | 8.028 | 1005 | 1010 | 1012 | rBV5 | 40389 | 68533 | 2.86% | 0.318% |
| 17 | 8.057 | 1012 | 1015 | 1020 | rVV2 | 481029 | 674599 | 28.20% | 3.128% |
| 18 | 8.116 | 1023 | 1025 | 1026 | rVV | 57686 | 47859 | 2.00% | 0.222% |
| 19 | 8.134 | 1026 | 1028 | 1031 | rVB | 115973 | 91752 | 3.84% | 0.425% |
| 20 | 8.239 | 1040 | 1046 | 1049 | rBV5 | 37208 | 72065 | 3.01% | 0.334% |
| 21 | 8.269 | 1049 | 1051 | 1054 | rVB2 | 68018 | 64319 | 2.69% | 0.298% |
| 22 | 8.310 | 1054 | 1058 | 1062 | rBV6 | 30656 | 46736 | 1.95% | 0.217% |
| 23 | 8.363 | 1062 | 1067 | 1070 | rVV5 | 98037 | 149792 | 6.26% | 0.695% |
| 24 | 8.422 | 1074 | 1077 | 1079 | rBV3 | 85362 | 79401 | 3.32% | 0.368% |
| 25 | 8.451 | 1079 | 1082 | 1085 | rVV2 | 131996 | 108752 | 4.55% | 0.504% |
| 26 | 8.492 | 1085 | 1089 | 1091 | rVV2 | 145527 | 140591 | 5.88% | 0.652% |
| 27 | 8.575 | 1099 | 1103 | 1106 | rBV2 | 150129 | 137905 | 5.76% | 0.639% |
| 28 | 8.663 | 1115 | 1118 | 1122 | rBV | 470610 | 443022 | 18.52% | 2.054% |
| 29 | 8.728 | 1126 | 1129 | 1131 | rVV | 88501 | 80819 | 3.38% | 0.375% |
| 30 | 8.763 | 1131 | 1135 | 1137 | rVB3 | 75053 | 76257 | 3.19% | 0.354% |
| 31 | 8.892 | 1150 | 1157 | 1159 | rBV3 | 120655 | 133429 | 5.58% | 0.619% |
| 32 | 8.945 | 1164 | 1166 | 1168 | rBV2 | 67782 | 63722 | 2.66% | 0.295% |
| 33 | 9.034 | 1178 | 1181 | 1184 | rVB2 | 104716 | 97570 | 4.08% | 0.452% |
| 34 | 9.069 | 1184 | 1187 | 1189 | rBV | 74627 | 65908 | 2.75% | 0.306% |
| 35 | 9.098 | 1189 | 1192 | 1197 | rVB2 | 134988 | 140487 | 5.87% | 0.651% |
| 36 | 9.145 | 1197 | 1200 | 1204 | rVB | 275056 | 214683 | 8.97% | 0.996% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.234 | 1211 | 1215 | 1219 | rBV | 610096 | 483361 | 20.20% | 2.241% |
| 38 | 9.298 | 1223 | 1226 | 1228 | rVB | 58697 | 52359 | 2.19% | 0.243% |
| 39 | 9.398 | 1239 | 1243 | 1245 | rBV4 | 43208 | 53353 | 2.23% | 0.247% |
| 40 | 9.463 | 1251 | 1254 | 1255 | rBV2 | 49569 | 48517 | 2.03% | 0.225% |
| 41 | 9.486 | 1255 | 1258 | 1260 | rVV2 | 85504 | 104847 | 4.38% | 0.486% |
| 42 | 9.510 | 1260 | 1262 | 1264 | rVV3 | 88339 | 69188 | 2.89% | 0.321% |
| 43 | 9.551 | 1264 | 1269 | 1271 | rVV3 | 192683 | 232882 | 9.73% | 1.080% |
| 44 | 9.575 | 1271 | 1273 | 1276 | rVV2 | 132254 | 109801 | 4.59% | 0.509% |
| 45 | 9.610 | 1276 | 1279 | 1282 | rVB3 | 102550 | 96579 | 4.04% | 0.448% |
| 46 | 9.739 | 1297 | 1301 | 1302 | rBV4 | 38150 | 41024 | 1.71% | 0.190% |
| 47 | 9.763 | 1302 | 1305 | 1309 | rVB | 613606 | 469940 | 19.64% | 2.179% |
| 48 | 9.822 | 1309 | 1315 | 1319 | rBV | 446610 | 433136 | 18.11% | 2.008% |
| 49 | 9.933 | 1331 | 1334 | 1337 | rVB5 | 51339 | 65848 | 2.75% | 0.305% |
| 50 | 10.004 | 1341 | 1346 | 1348 | rBV3 | 69109 | 121352 | 5.07% | 0.563% |
| 51 | 10.022 | 1348 | 1349 | 1352 | rVB2 | 51169 | 43250 | 1.81% | 0.201% |
| 52 | 10.086 | 1357 | 1360 | 1364 | rVV2 | 121184 | 133018 | 5.56% | 0.617% |
| 53 | 10.198 | 1377 | 1379 | 1383 | rVB3 | 28664 | 39690 | 1.66% | 0.184% |
| 54 | 10.269 | 1387 | 1391 | 1393 | rVB | 491269 | 439012 | 18.35% | 2.036% |
| 55 | 10.316 | 1398 | 1399 | 1405 | rVB4 | 44255 | 52775 | 2.21% | 0.245% |
| 56 | 10.486 | 1422 | 1428 | 1431 | rBV | 194206 | 238766 | 9.98% | 1.107% |
| 57 | 10.539 | 1435 | 1437 | 1440 | rVB2 | 57567 | 46178 | 1.93% | 0.214% |
| 58 | 10.575 | 1440 | 1443 | 1446 | rBV2 | 67707 | 76219 | 3.19% | 0.353% |
| 59 | 10.610 | 1446 | 1449 | 1454 | rVB2 | 187292 | 179393 | 7.50% | 0.832% |
| 60 | 10.739 | 1469 | 1471 | 1479 | rBV | 504497 | 583996 | 24.41% | 2.708% |
| 61 | 10.933 | 1502 | 1504 | 1506 | rBV | 45759 | 49339 | 2.06% | 0.229% |
| 62 | 11.069 | 1525 | 1527 | 1531 | rVB3 | 45920 | 59262 | 2.48% | 0.275% |
| 63 | 11.192 | 1545 | 1548 | 1551 | rBV | 452030 | 354247 | 14.81% | 1.643% |
| 64 | 11.222 | 1551 | 1553 | 1559 | rVB | 170526 | 162286 | 6.78% | 0.753% |
| 65 | 11.316 | 1565 | 1569 | 1571 | rBV | 383443 | 347571 | 14.53% | 1.612% |
| 66 | 11.375 | 1576 | 1579 | 1583 | rVB4 | 29234 | 48484 | 2.03% | 0.225% |
| 67 | 11.622 | 1618 | 1621 | 1624 | rBV | 377423 | 294343 | 12.30% | 1.365% |
| 68 | 11.722 | 1635 | 1638 | 1642 | rVB | 717908 | 632869 | 26.45% | 2.935% |
| 69 | 11.786 | 1646 | 1649 | 1652 | rBV3 | 35570 | 47776 | 2.00% | 0.222% |
| 70 | 11.863 | 1658 | 1662 | 1669 | rBV2 | 298718 | 344639 | 14.41% | 1.598% |
| 71 | 11.922 | 1670 | 1672 | 1678 | rVB4 | 37029 | 59807 | 2.50% | 0.277% |
| 72 | 12.033 | 1688 | 1691 | 1694 | rVB | 319141 | 235045 | 9.83% | 1.090% |
| 73 | 12.416 | 1752 | 1756 | 1758 | rBV2 | 2255273 | 2332945 | 97.52% | 10.818% |
| 74 | 12.439 | 1758 | 1760 | 1767 | rVV | 1978187 | 1703561 | 71.21% | 7.900% |
| 75 | 12.522 | 1771 | 1774 | 1778 | rBV2 | 364739 | 329990 | 13.79% | 1.530% |
| 76 | 12.586 | 1778 | 1785 | 1796 | rVV2 | 1170713 | 2392306 | 100.00% | 11.093% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** OK-02-013024

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-BF013024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 12.663 | 1796 | 1798 | 1808 | rVV | 124836 | 259475 | 10.85% | 1.203% |
| 78 | 12.763 | 1812 | 1815 | 1818 | rVV | 75637 | 89509 | 3.74% | 0.415% |
| 79 | 12.798 | 1818 | 1821 | 1824 | rVB | 177649 | 145303 | 6.07% | 0.674% |
| 80 | 12.910 | 1837 | 1840 | 1849 | rVB | 310565 | 326198 | 13.64% | 1.513% |
| 81 | 13.027 | 1857 | 1860 | 1864 | rVB2 | 51756 | 54290 | 2.27% | 0.252% |
| 82 | 13.086 | 1868 | 1870 | 1873 | rBV3 | 43546 | 46513 | 1.94% | 0.216% |
| 83 | 13.157 | 1879 | 1882 | 1892 | rBV2 | 149376 | 193205 | 8.08% | 0.896% |
| 84 | 13.251 | 1894 | 1898 | 1900 | rBV4 | 45062 | 65398 | 2.73% | 0.303% |
| 85 | 13.280 | 1900 | 1903 | 1907 | rBV3 | 53880 | 64427 | 2.69% | 0.299% |
| 86 | 13.322 | 1907 | 1910 | 1911 | rBV3 | 65811 | 62504 | 2.61% | 0.290% |
| 87 | 13.416 | 1923 | 1926 | 1932 | rVB3 | 162532 | 182976 | 7.65% | 0.848% |
| 88 | 13.463 | 1932 | 1934 | 1938 | rVV3 | 82701 | 93474 | 3.91% | 0.433% |
| 89 | 13.504 | 1938 | 1941 | 1945 | rVB | 89959 | 80050 | 3.35% | 0.371% |
| 90 | 13.833 | 1994 | 1997 | 2003 | rBV | 79462 | 80284 | 3.36% | 0.372% |
| 91 | 13.969 | 2016 | 2020 | 2023 | rBV | 417910 | 408263 | 17.07% | 1.893% |
| 92 | 14.151 | 2049 | 2051 | 2054 | rVB | 52389 | 44833 | 1.87% | 0.208% |
| 93 | 14.316 | 2076 | 2079 | 2083 | rBV | 37144 | 46054 | 1.93% | 0.214% |
| 94 | 14.463 | 2099 | 2104 | 2109 | rBV2 | 70803 | 106262 | 4.44% | 0.493% |
| 95 | 14.780 | 2155 | 2158 | 2163 | rVB3 | 41440 | 55004 | 2.30% | 0.255% |
| 96 | 14.898 | 2173 | 2178 | 2188 | rBV | 373850 | 581380 | 24.30% | 2.696% |
| 97 | 15.127 | 2214 | 2217 | 2222 | rVB | 104849 | 120372 | 5.03% | 0.558% |
| 98 | 15.451 | 2268 | 2272 | 2276 | rVB | 233275 | 278506 | 11.64% | 1.291% |
| 99 | 15.980 | 2358 | 2362 | 2372 | rVB2 | 64379 | 111770 | 4.67% | 0.518% |
| 100 | 16.633 | 2470 | 2473 | 2481 | rVB5 | 30306 | 55131 | 2.30% | 0.256% |

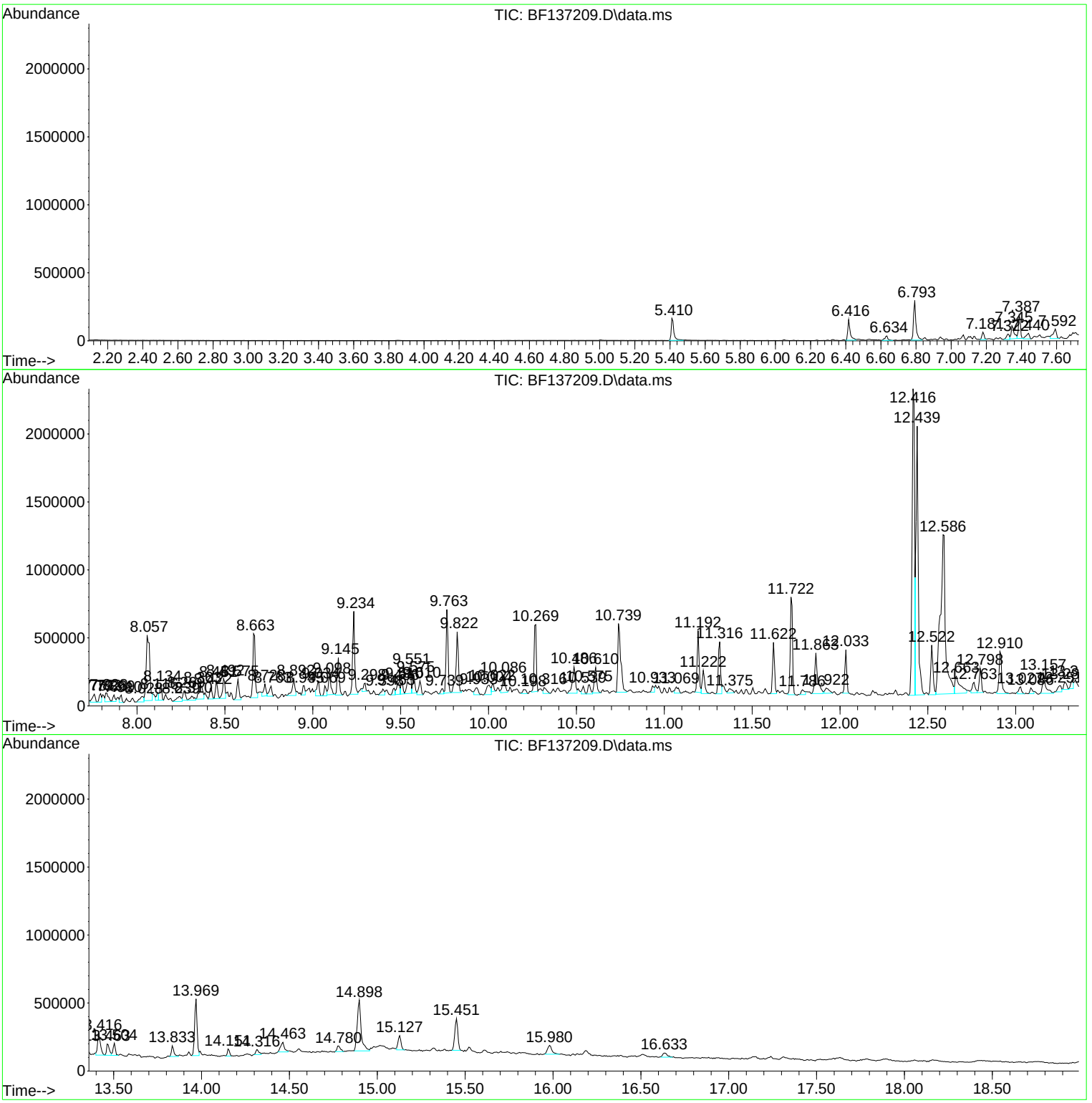
Sum of corrected areas: 21565281

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

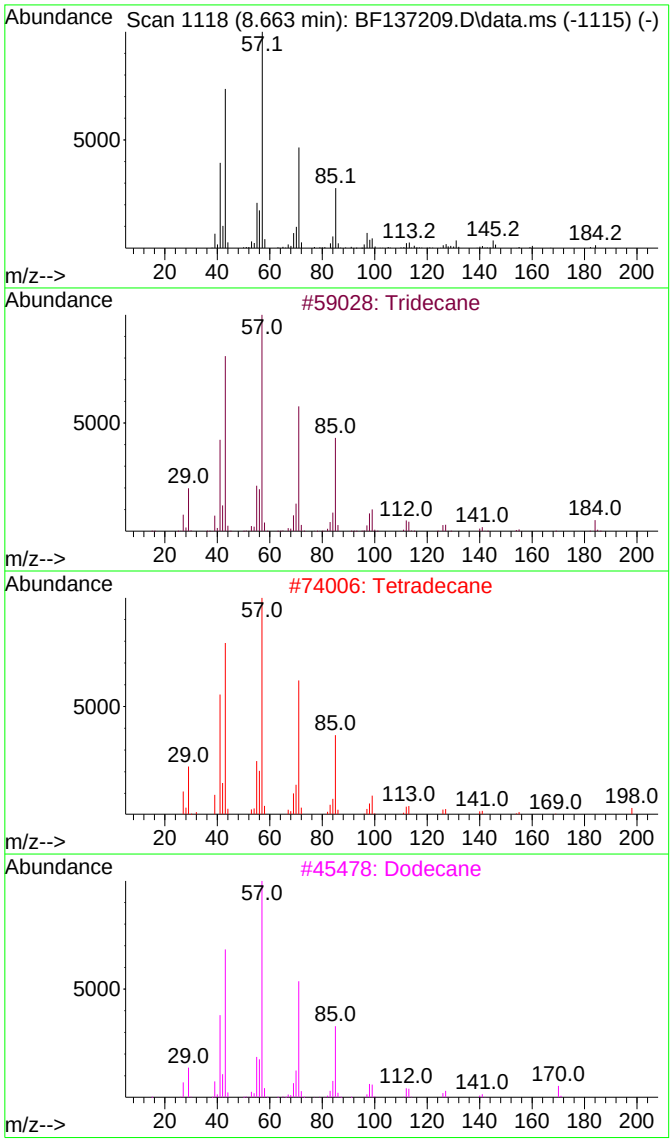
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

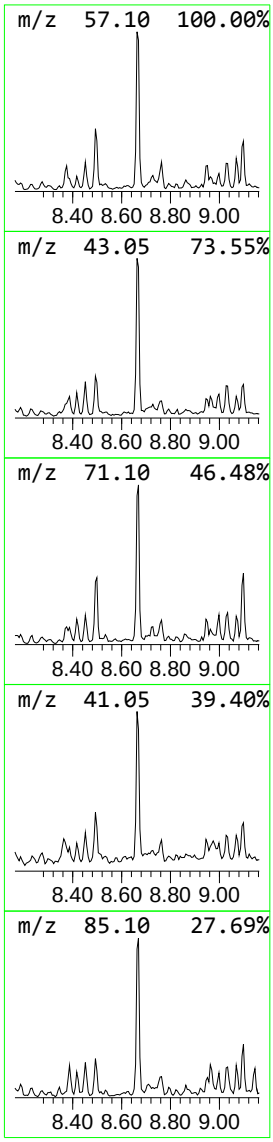
**********

Peak Number 1 Tridecane Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.663 | 13.13 ng | 443022 | Naphthalene-d8 | 8.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 94 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |
| 3 | Dodecane | 170 | C12H26 | 000112-40-3 | 80 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

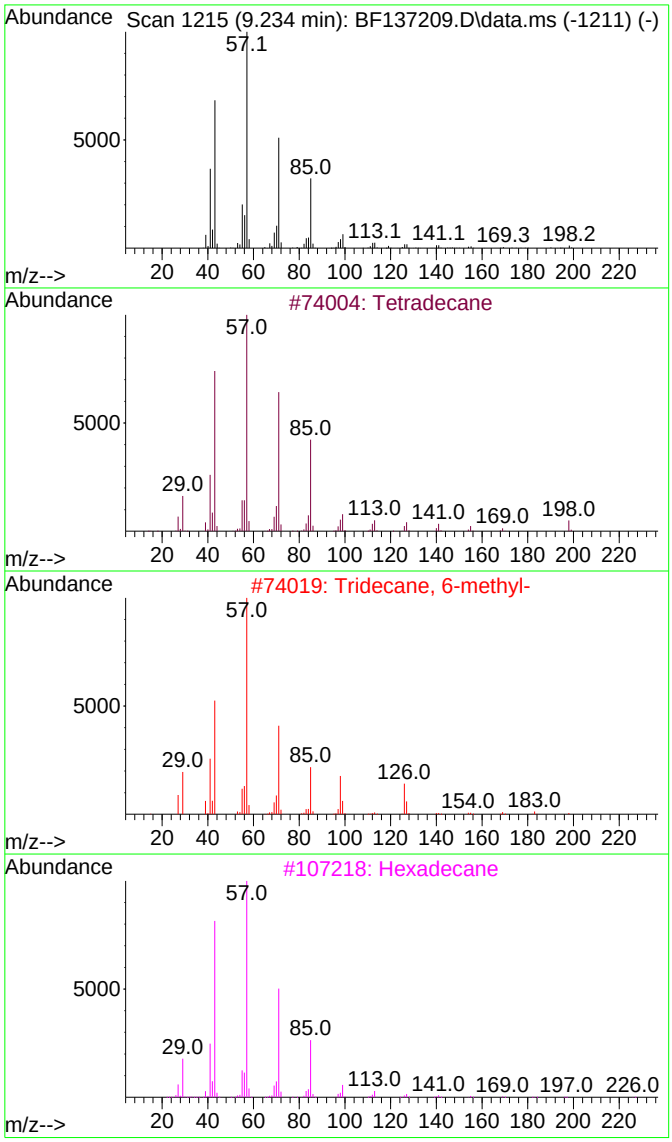
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

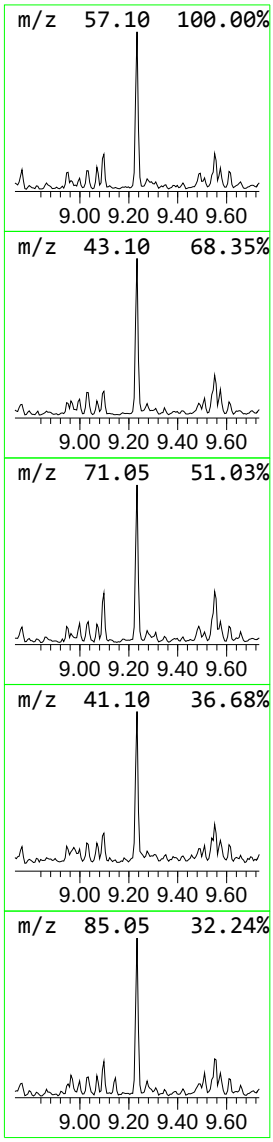
**********

Peak Number 2 Tetradecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.234 | 22.32 ng | 483361 | Acenaphthene-d10 | 9.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 93 |
| 2 | Tridecane, 6-methyl- | 198 | C14H30 | 013287-21-3 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 86 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

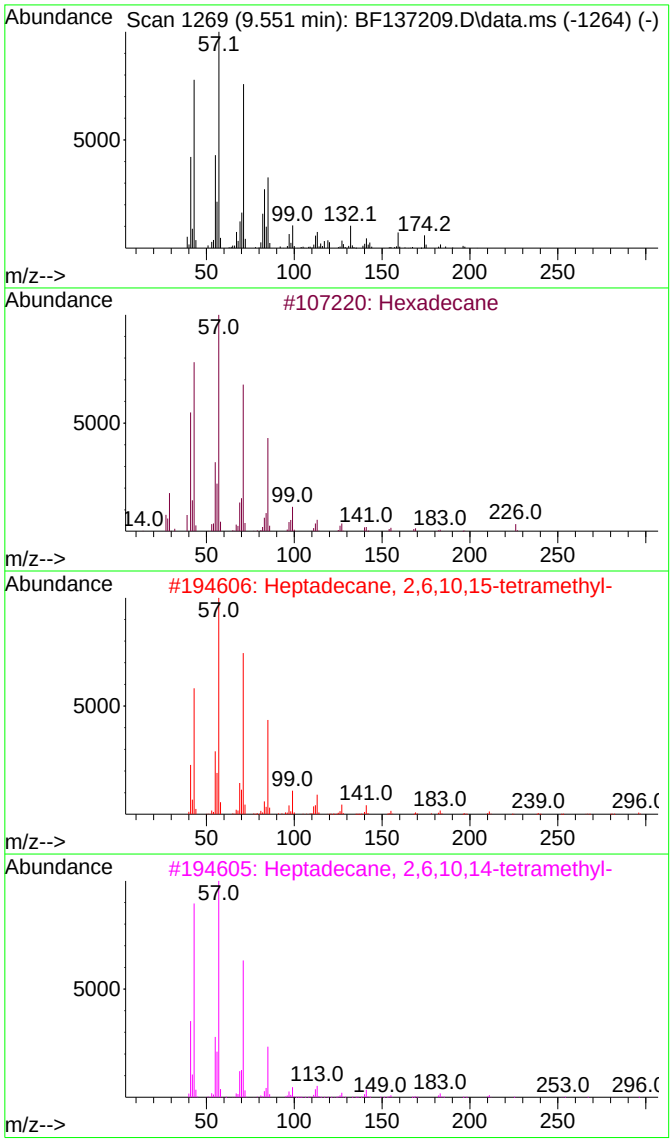
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

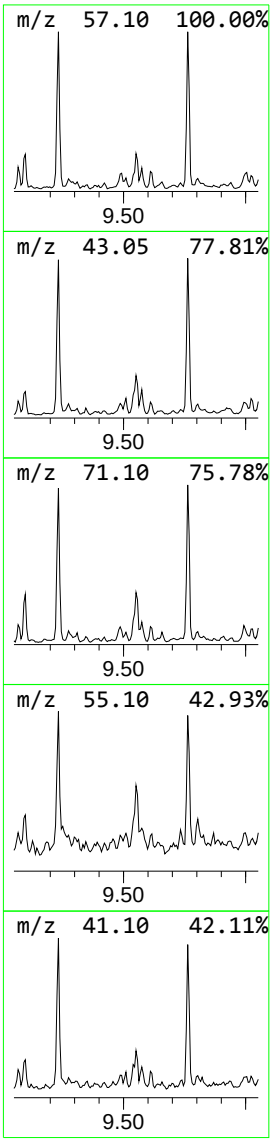
**********

Peak Number 3 Hexadecane Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.551 | 10.75 ng | 232882 | Acenaphthene-d10 | 9.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 74 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 68 |
| 3 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 64 |
| 4 | Heptadecane, 2,6-dimethyl- | 268 | C19H40 | 054105-67-8 | 64 |
| 5 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

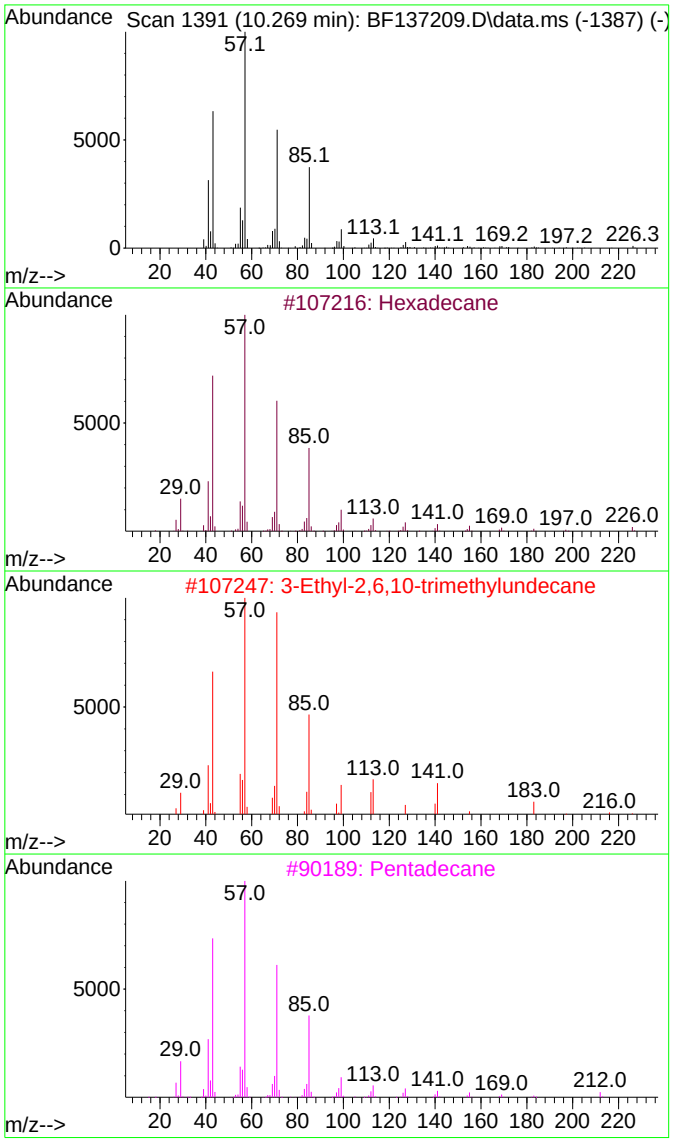
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

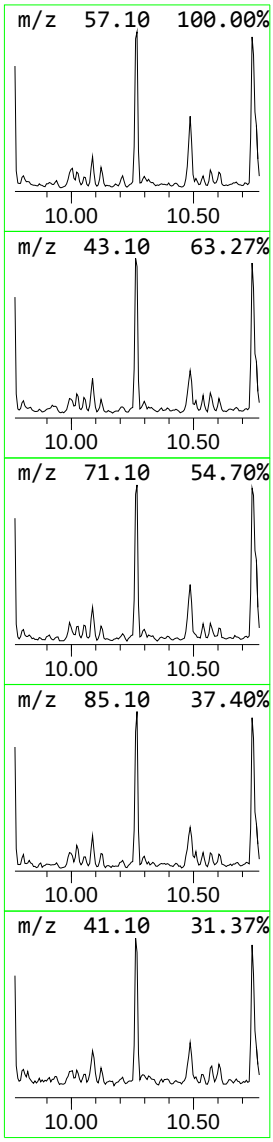
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 3-Ethyl-2,6,10-trimethylund... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.269 | 20.27 ng | 439012 | Acenaphthene-d10 | 9.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 94 |
| 2 | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34 | 1000432-25-9 | 87 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 86 |
| 4 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |
| 5 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

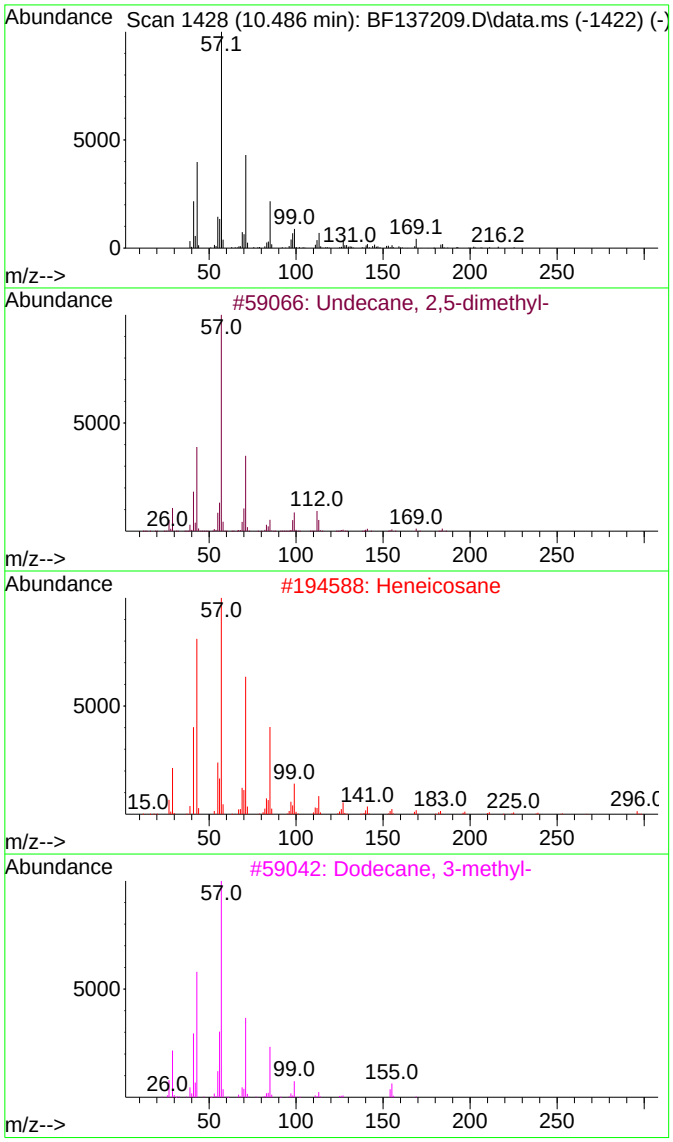
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

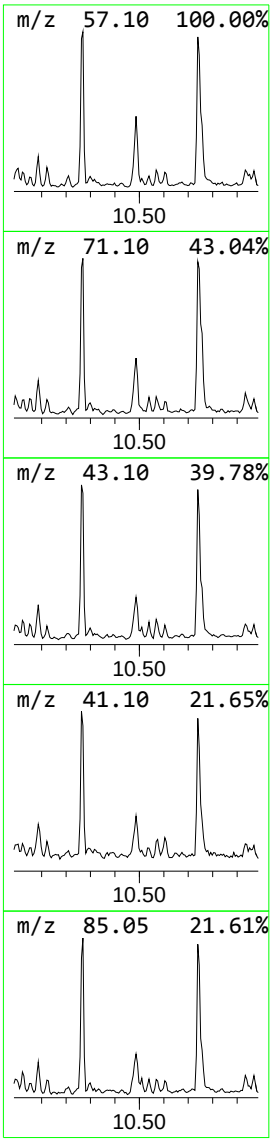
**********

Peak Number 6 Undecane, 2,5-dimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.486 | 11.03 ng | 238766 | Acenaphthene-d10 | 9.822 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 2,5-dimethyl- | 184 | C13H28 | 017301-22-3 | 68 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 64 |
| 3 | Dodecane, 3-methyl- | 184 | C13H28 | 017312-57-1 | 64 |
| 4 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 59 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

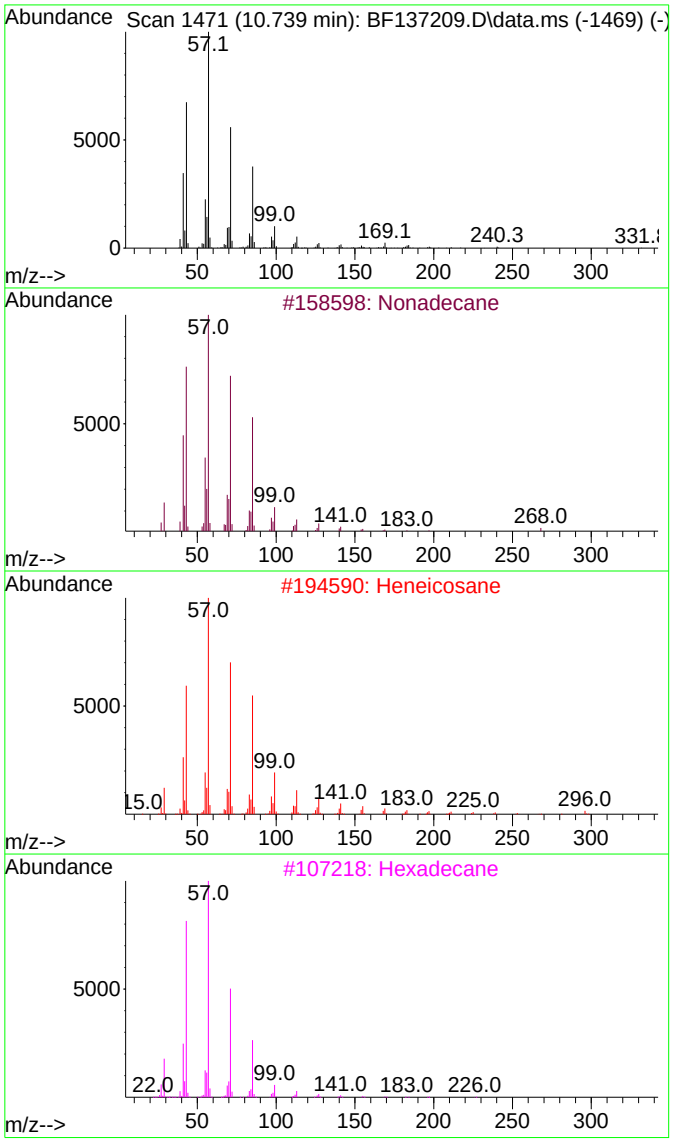
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

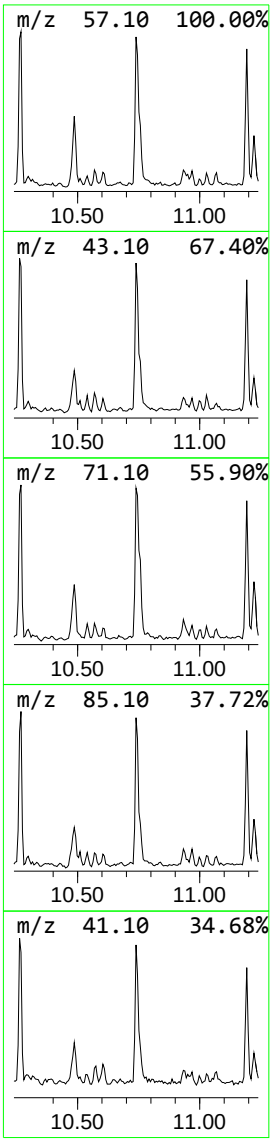
**********

Peak Number 7 Nonadecane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.739 | 33.60 ng | 583996 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |
| 5 | Hexadecane, 7-methyl- | 240 | C17H36 | 026730-20-1 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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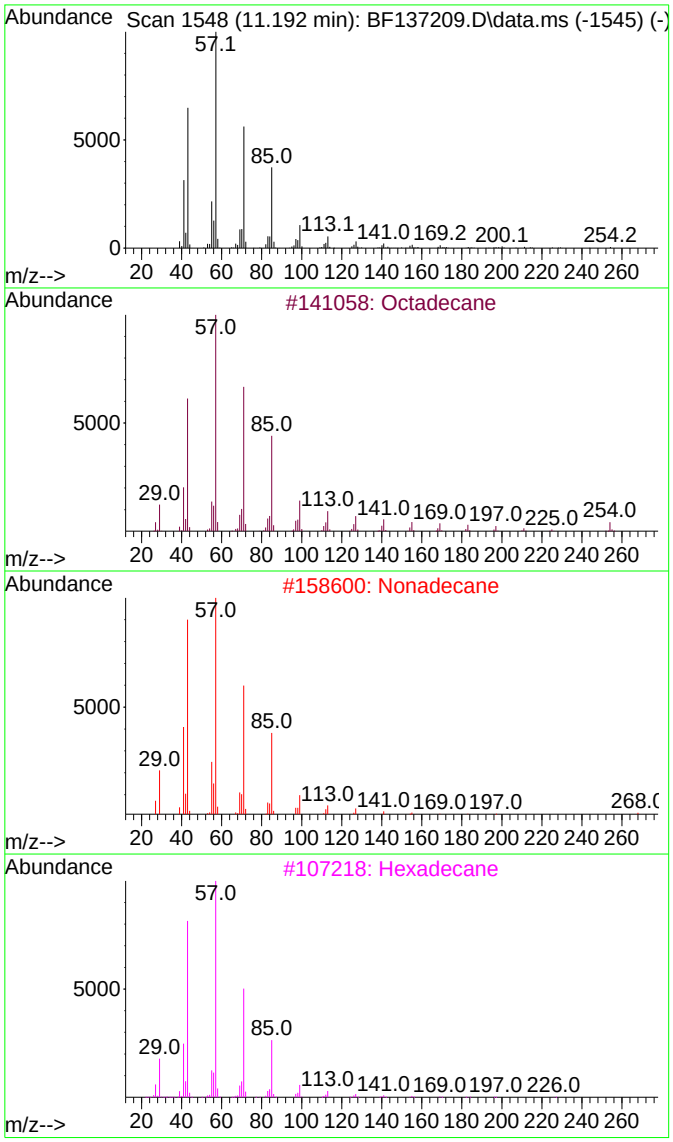
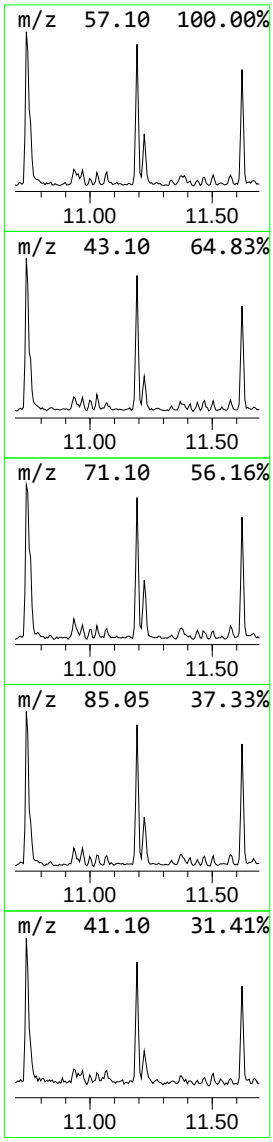
Peak Number 8 Octadecane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.192 | 20.38 ng | 354247 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane | 254 | C18H38 | 000593-45-3 | 95 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

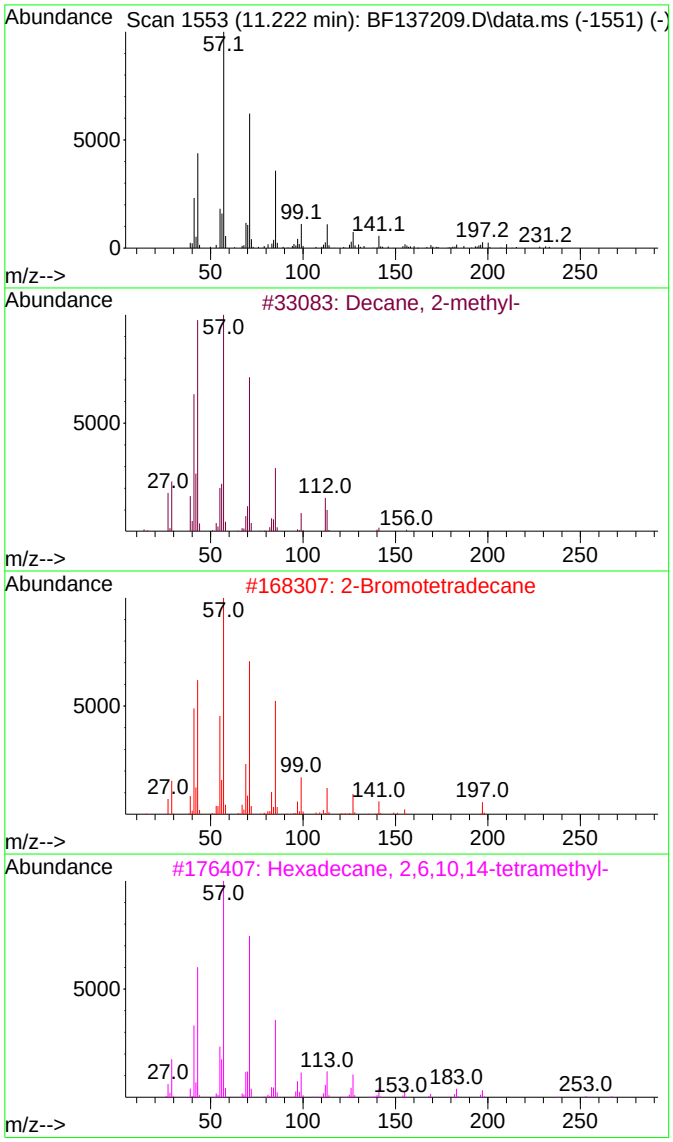
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

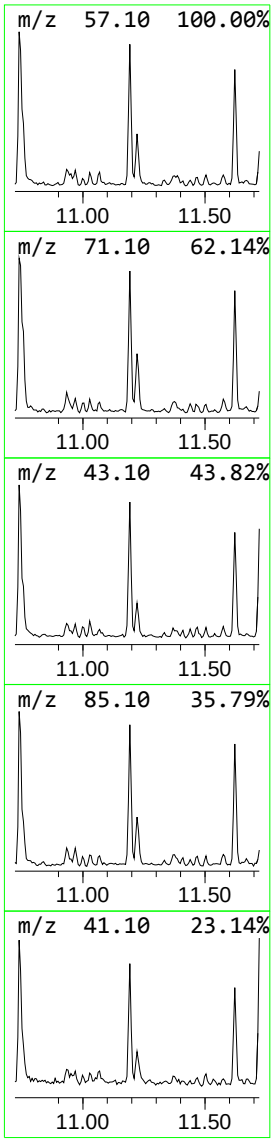
**********

Peak Number 9 Decane, 2-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.222 | 9.34 ng | 162286 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 86 |
| 2 | 2-Bromotetradecane | 276 | C14H29Br | 074036-95-6 | 86 |
| 3 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 86 |
| 4 | Tritetracontane | 605 | C43H88 | 007098-21-7 | 83 |
| 5 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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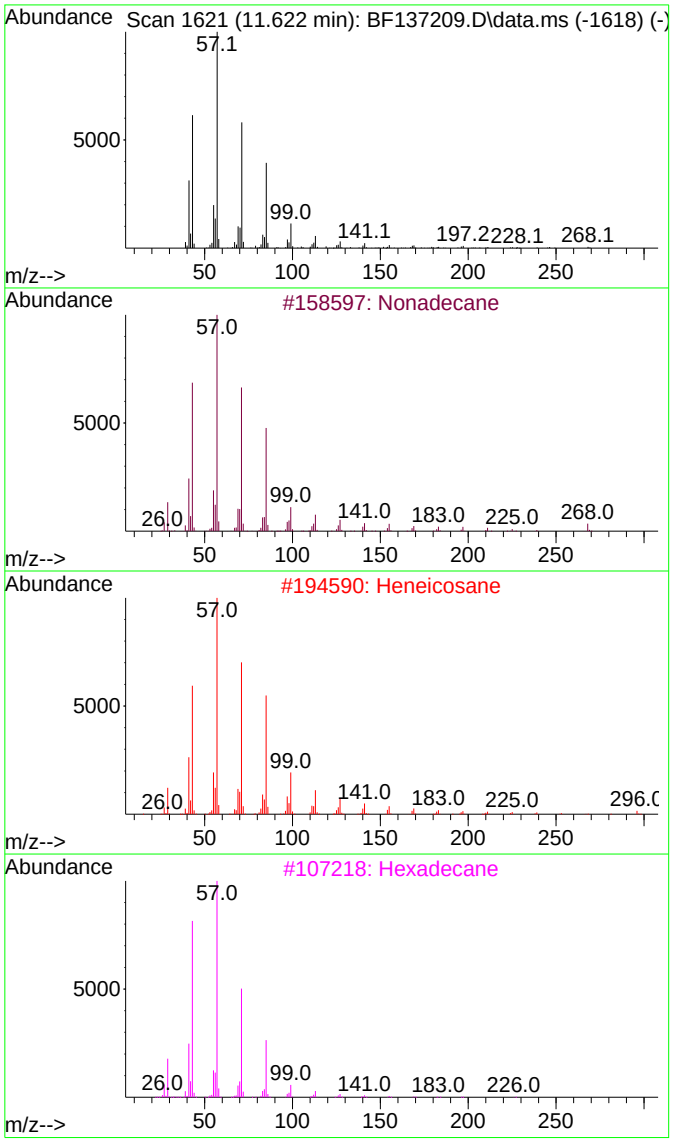
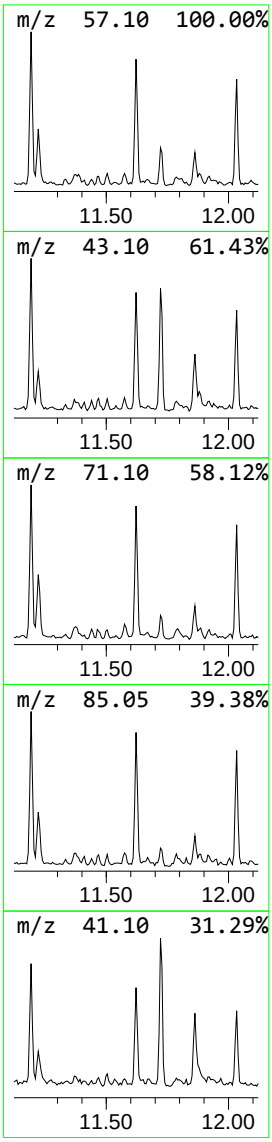
Peak Number 10 Heneicosane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.622 | 16.94 ng | 294343 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 97 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 86 |
| 5 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

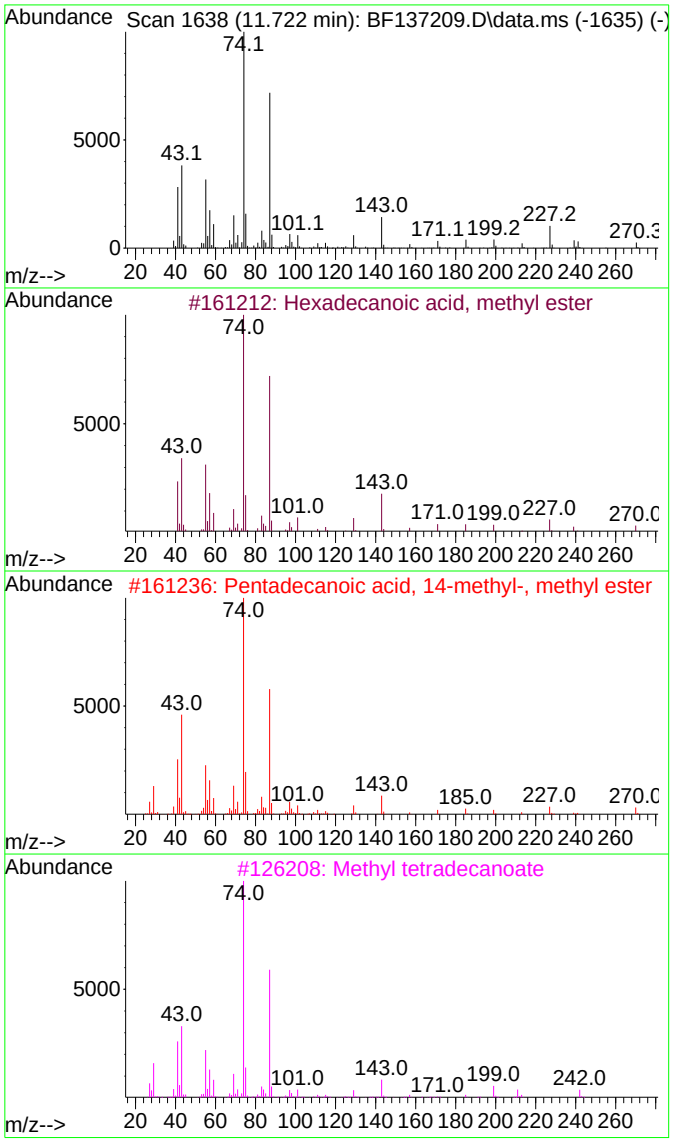
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

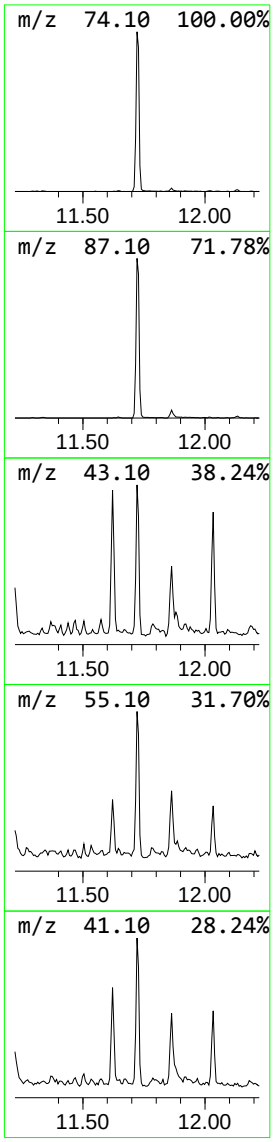
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.722 | 36.42 ng | 632869 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 99 |
| 2 | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 96 |
| 3 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 93 |
| 4 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 86 |
| 5 | Methyl 8-methyl-nonanoate | 186 | C11H22O2 | 1000452-00-9 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

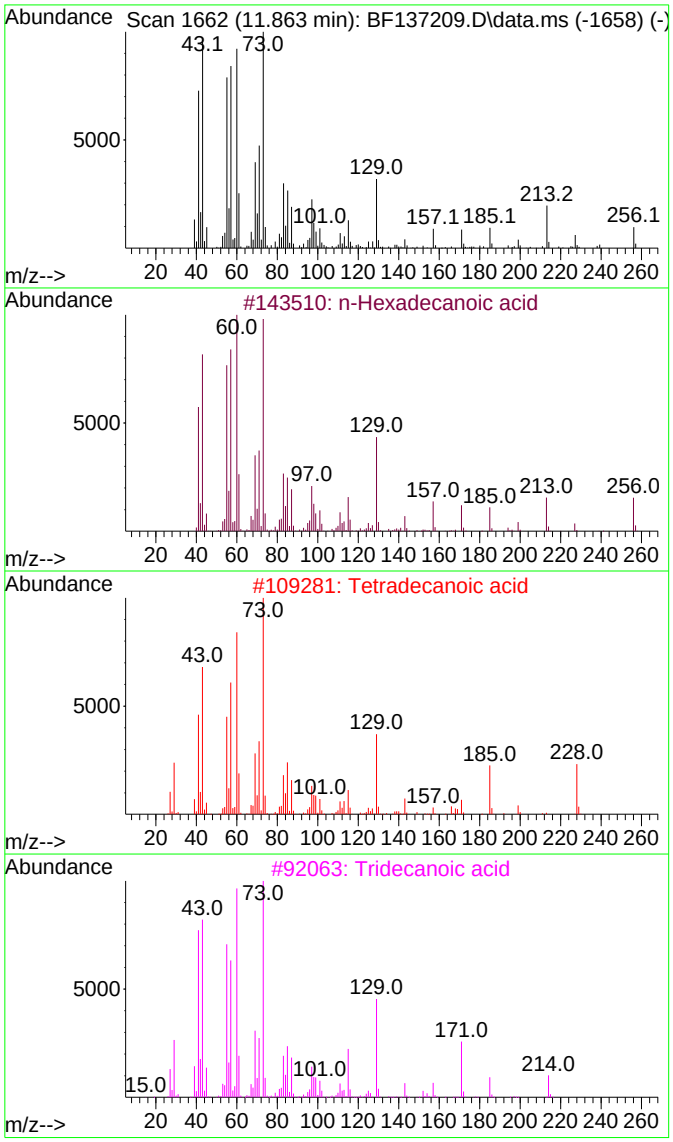
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

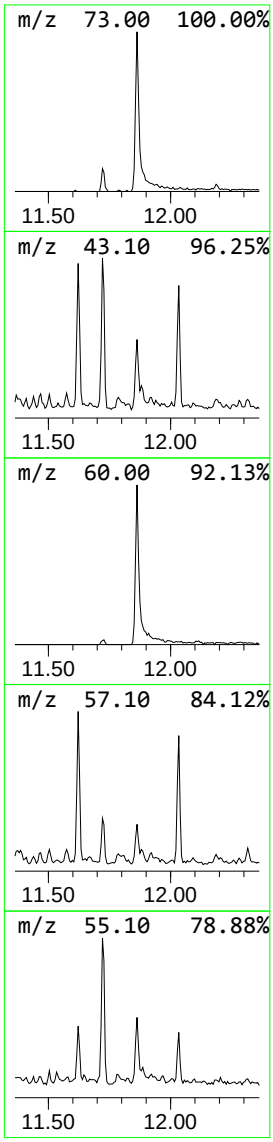
**********

Peak Number 12 n-Hexadecanoic acid Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.863 | 19.83 ng | 344639 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 89 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 89 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 5 | 8-Methylnonanoic acid | 172 | C10H20O2 | 005963-14-4 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

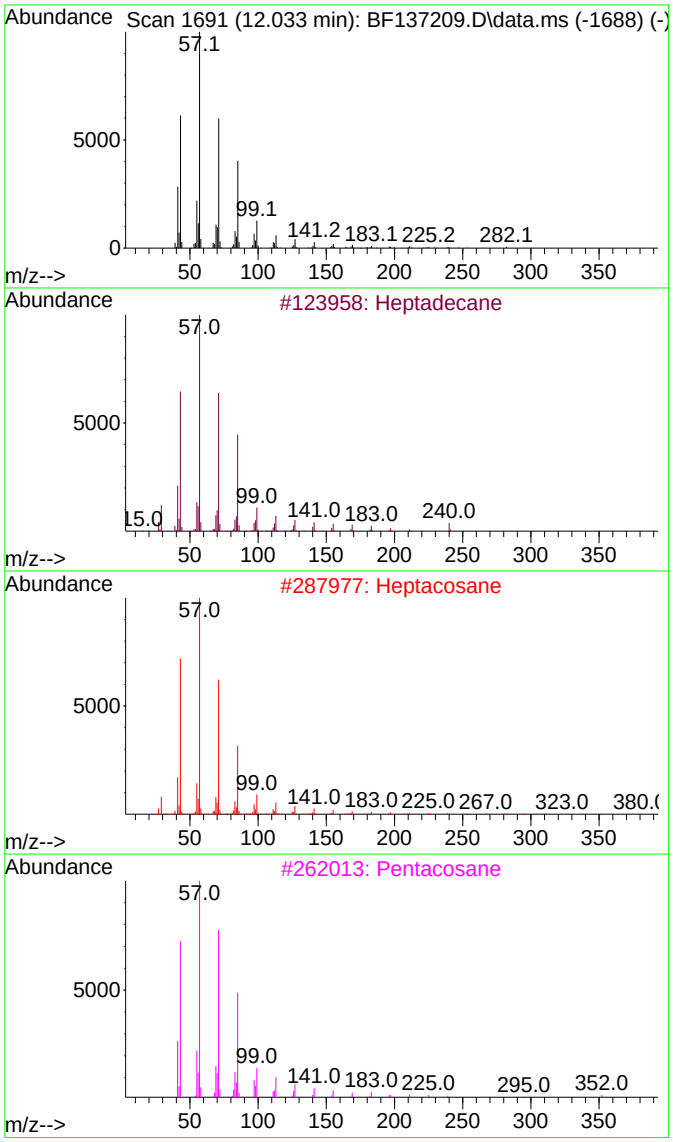
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

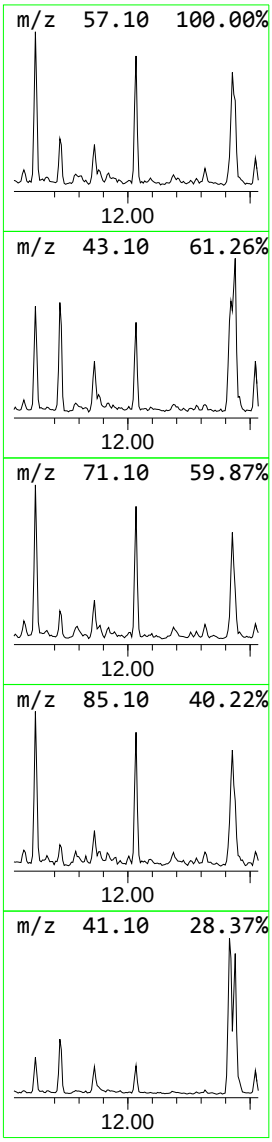
**********

Peak Number 13 Pentacosane Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.033 | 13.53 ng | 235045 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 97 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

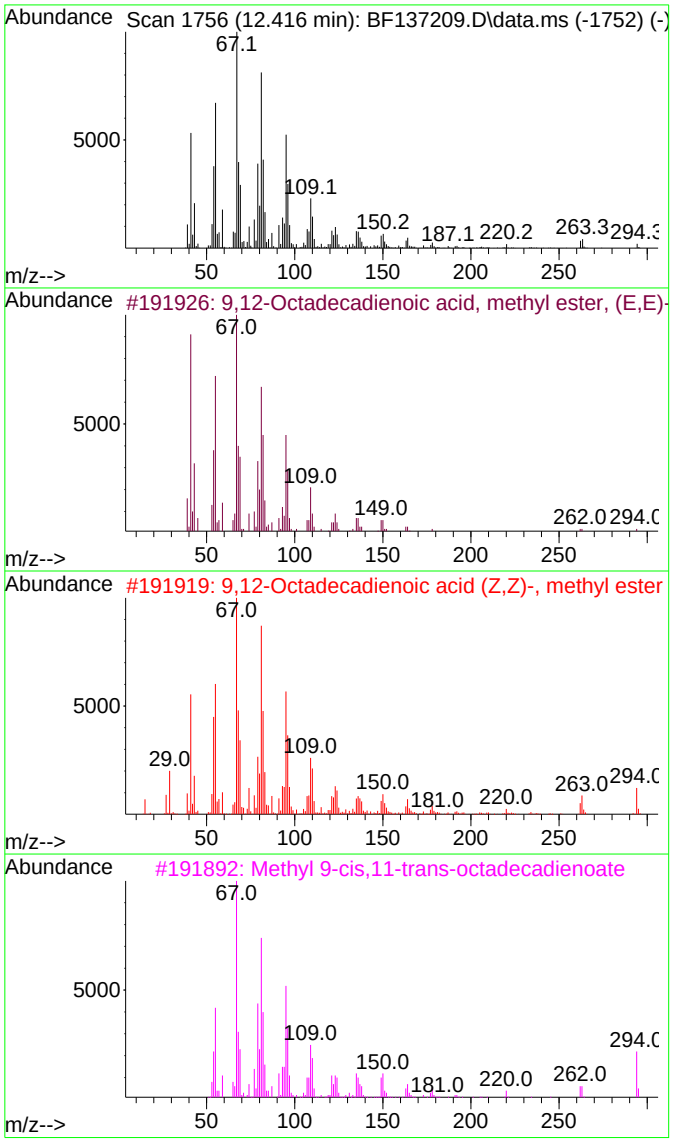
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

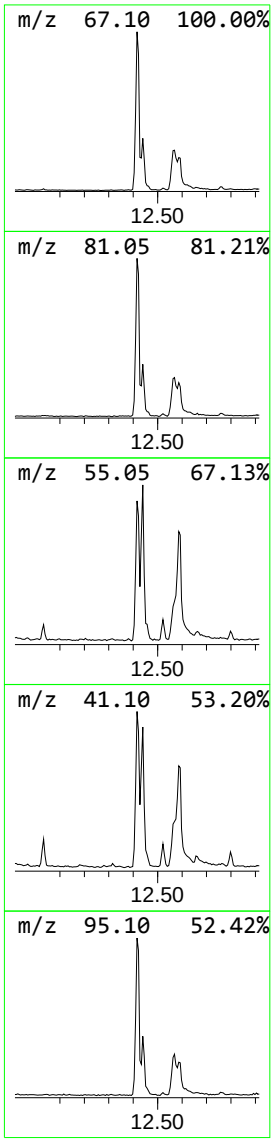
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.416 | 134.24 ng | 2332950 | Phenanthrene-d10 | 11.316 |

| 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 | 99 |
| 4 | 9,15-Octadecadienoic acid, methy... | 294 | C19H34O2 | 017309-05-6 | 99 |
| 5 | Methyl 10-trans,12-cis-octadecad... | 294 | C19H34O2 | 1000336-44-2 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

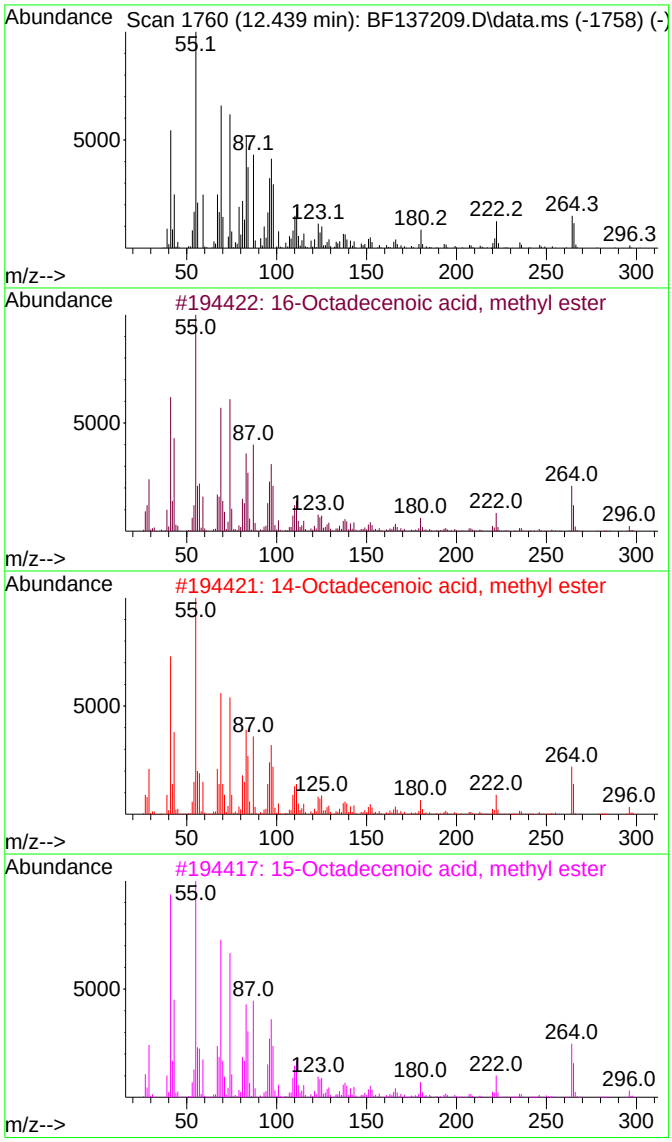
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

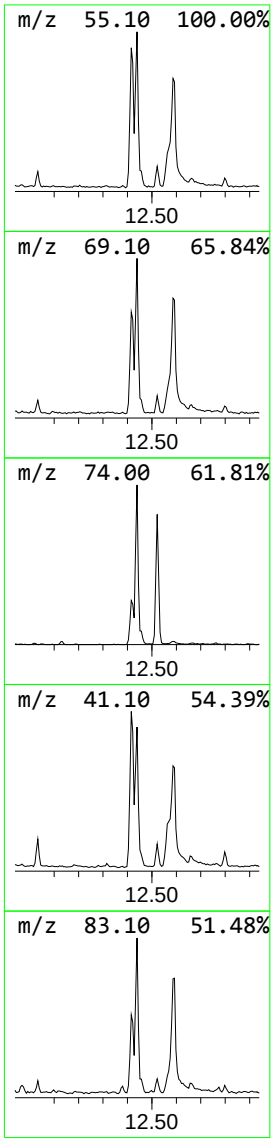
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 16-Octadecenoic acid, methy... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.439 | 98.03 ng | 1703560 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 16-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-49-5 | 99 |
| 2 | 14-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-48-4 | 99 |
| 3 | 15-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 004764-72-1 | 99 |
| 4 | 13-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-47-3 | 99 |
| 5 | 12-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-46-2 | 99 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

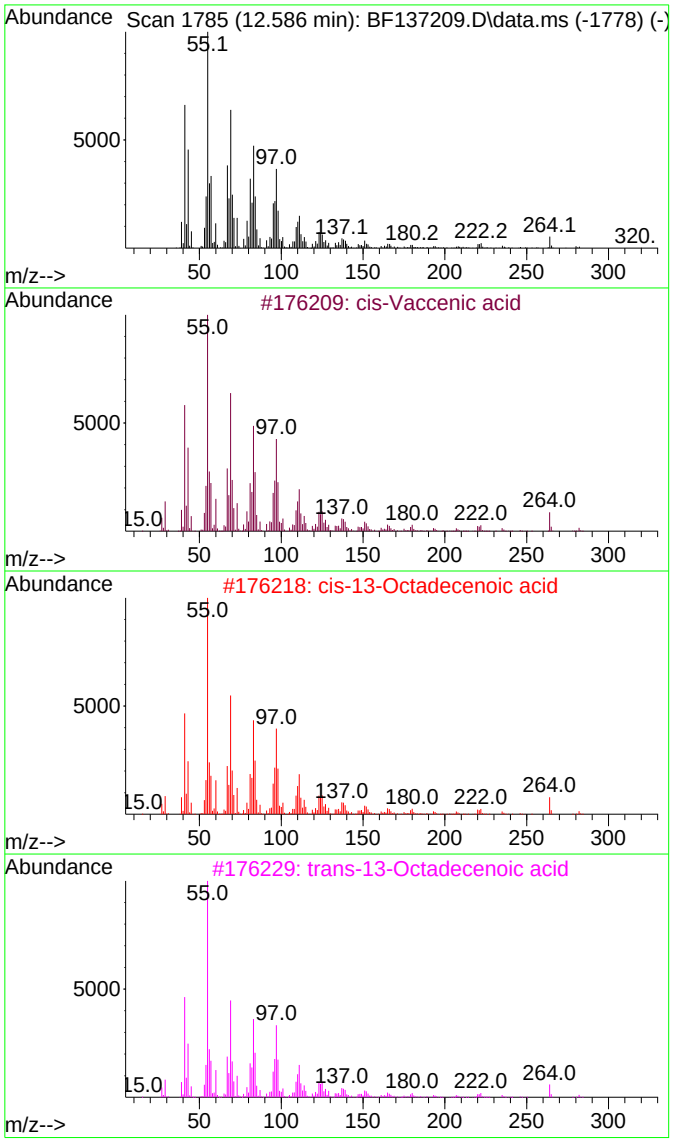
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

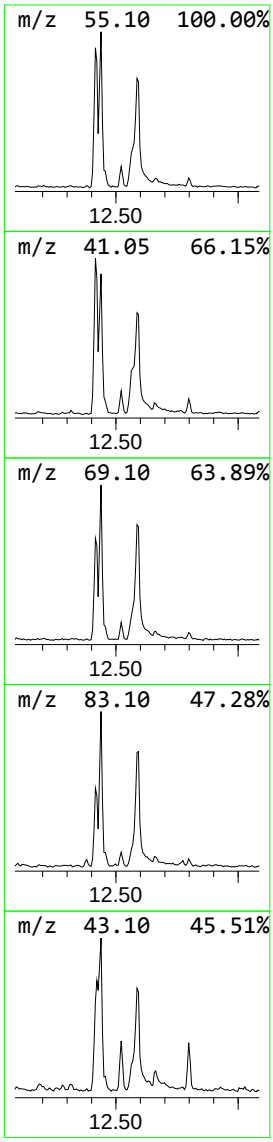
**********

Peak Number 16 cis-Vaccenic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.586 | 137.66 ng | 2392310 | Phenanthrene-d10 | 11.316 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-Vaccenic acid | 282 | C18H34O2 | 000506-17-2 | 99 |
| 2 | cis-13-Octadecenoic acid | 282 | C18H34O2 | 013126-39-1 | 97 |
| 3 | trans-13-Octadecenoic acid | 282 | C18H34O2 | 000693-71-0 | 96 |
| 4 | cis-7-Hexadecenoic acid | 254 | C16H30O2 | 002416-19-5 | 91 |
| 5 | 9-Octadecenoic acid, (E)- | 282 | C18H34O2 | 000112-79-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

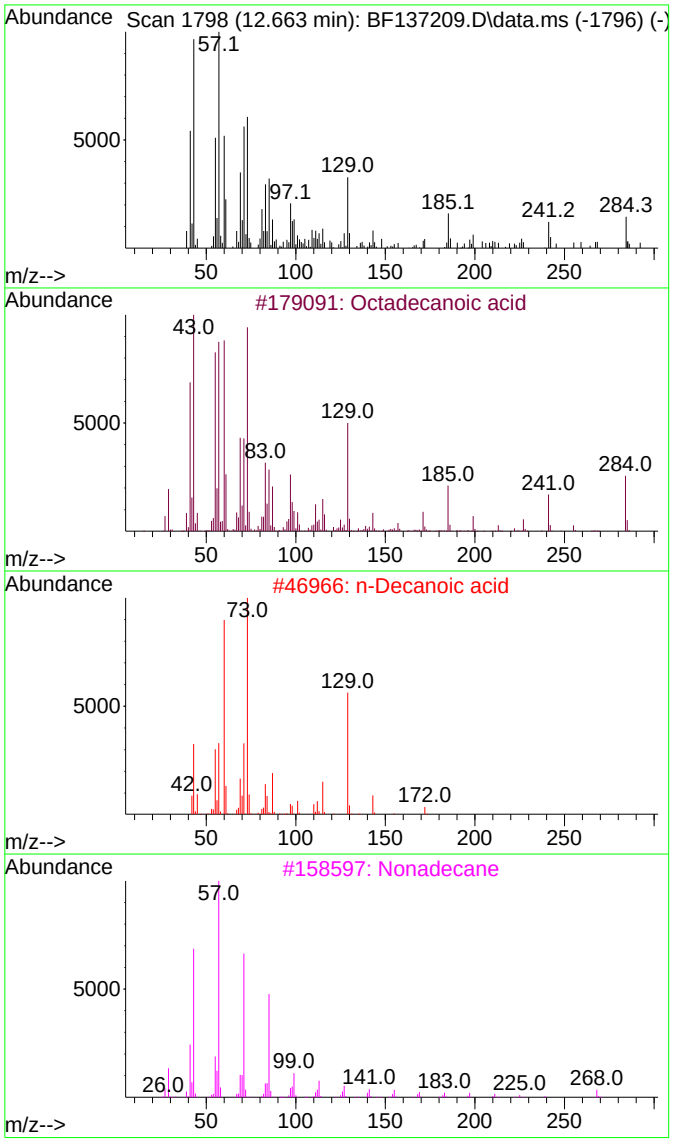
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

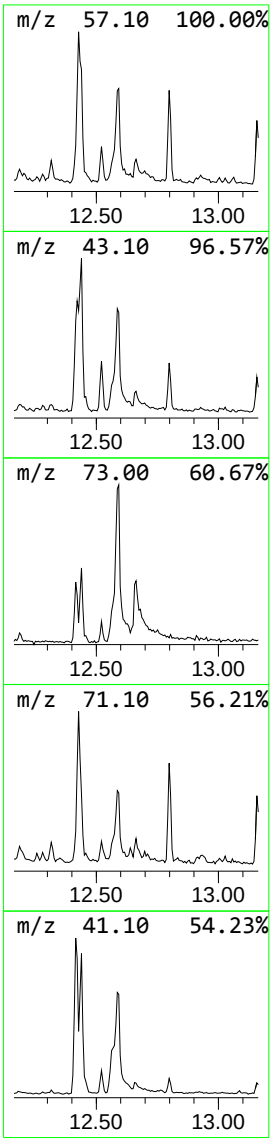
**********

Peak Number 17 Octadecanoic acid Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.663 | 12.71 ng | 259475 | Chrysene-d12 | 13.969 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 2 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 80 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 60 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 43 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

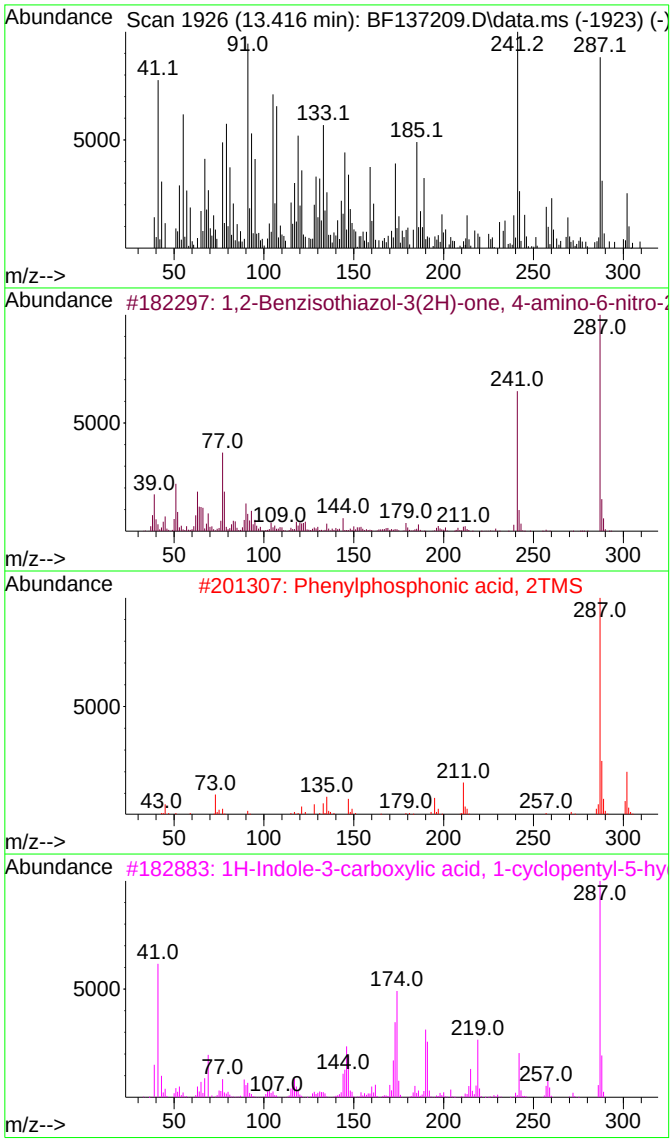
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

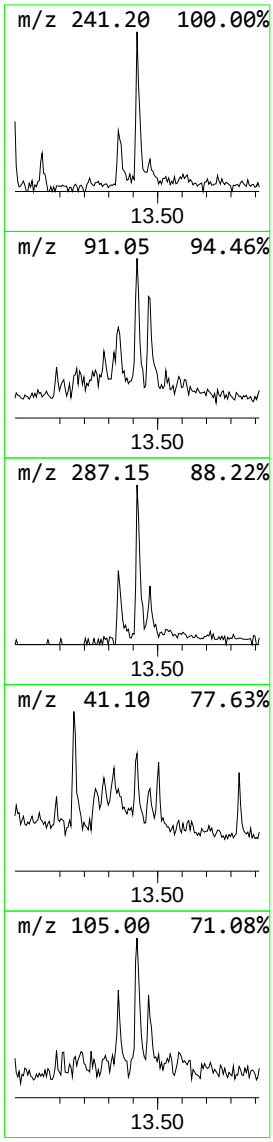
**********

Peak Number 19 unknown13.416 Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.416 | 8.96 ng | 182976 | Chrysene-d12 | 13.969 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Benzisothiazol-3(2H)-one, 4-... | 287 | C13H9N3O3S | 1000277-42-1 | 30 |
| 2 | Phenylphosphonic acid, 2TMS | 302 | C12H23O3PSi2 | 042449-24-1 | 20 |
| 3 | 1H-Indole-3-carboxylic acid, 1-c... | 287 | C17H21NO3 | 1000337-19-9 | 18 |
| 4 | 1-(4Methoxyphenyl)-7-oxo-4H,5H,6... | 287 | C14H13N3O4 | 1000444-27-3 | 18 |
| 5 | thiazolo[5,4-b]pyridin-2-amine, ... | 241 | C13H11N3S | 1000401-21-9 | 15 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

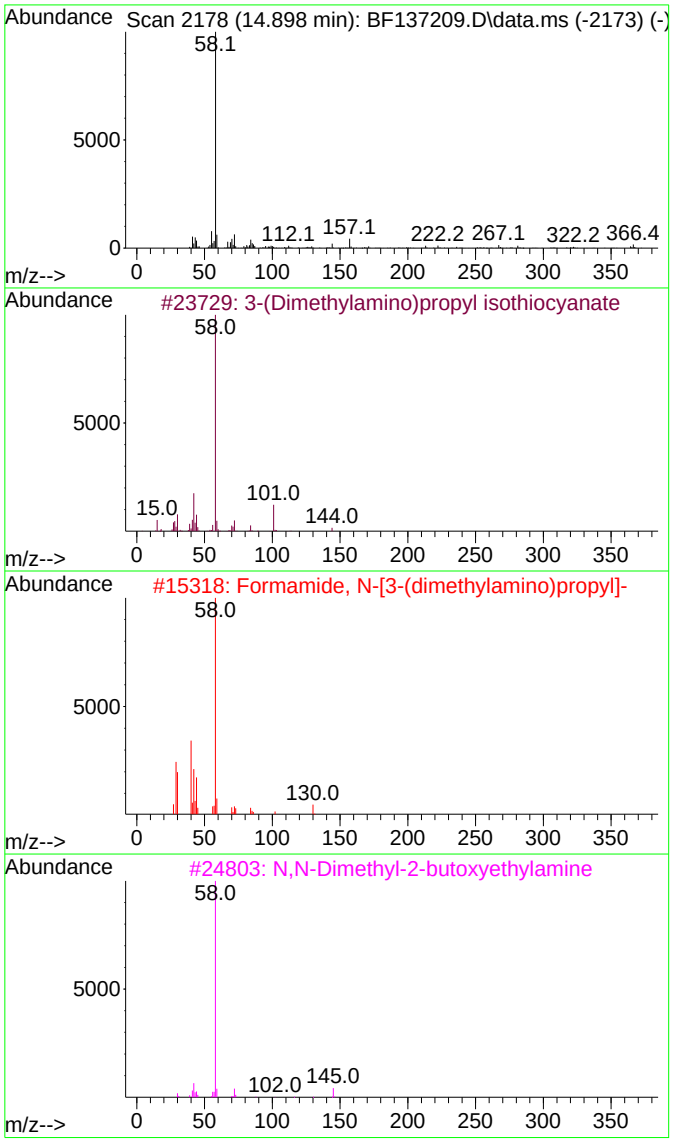
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

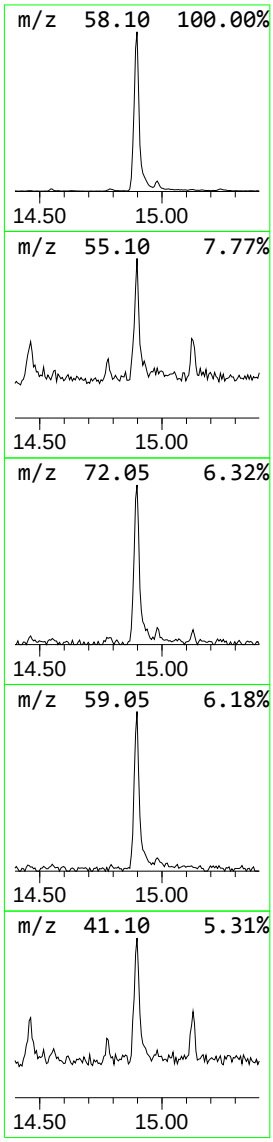
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 3-(Dimethylamino)propyl iso... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.898 | 41.75 ng | 581380 | Perylene-d12 | 15.451 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-(Dimethylamino)propyl isothioc... | 144 | C6H12N2S | 027421-70-1 | 72 |
| 2 | Formamide, N-[3-(dimethylamino)p... | 130 | C6H14N2O | 005922-69-0 | 72 |
| 3 | N,N-Dimethyl-2-butoxyethylamine | 145 | C8H19NO | 071126-58-4 | 64 |
| 4 | 1-Hexanamine, 2-ethyl-N,N-dimethyl- | 157 | C10H23N | 028056-87-3 | 64 |
| 5 | N,N-Dimethyloctylamine | 157 | C10H23N | 007378-99-6 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
Data File : BF137209.D
Acq On : 31 Jan 2024 14:34
Operator : CG\JU
Sample : P1295-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
OK-02-013024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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 |
| Tridecane | 8.663 | 13.1 | ng | 443022 | 2 | 8.069 | 674599 | 20.0 |
| Tetradecane | 9.234 | 22.3 | ng | 483361 | 3 | 9.822 | 433136 | 20.0 |
| Hexadecane | 9.551 | 10.8 | ng | 232882 | 3 | 9.822 | 433136 | 20.0 |
| 3-Ethyl-2,6,10-... | 10.269 | 20.3 | ng | 439012 | 3 | 9.822 | 433136 | 20.0 |
| Undecane, 2,5-d... | 10.486 | 11.0 | ng | 238766 | 3 | 9.822 | 433136 | 20.0 |
| Nonadecane | 10.739 | 33.6 | ng | 583996 | 4 | 11.316 | 347571 | 20.0 |
| Octadecane | 11.192 | 20.4 | ng | 354247 | 4 | 11.316 | 347571 | 20.0 |
| Decane, 2-methyl- | 11.222 | 9.3 | ng | 162286 | 4 | 11.316 | 347571 | 20.0 |
| Heneicosane | 11.622 | 16.9 | ng | 294343 | 4 | 11.316 | 347571 | 20.0 |
| Hexadecanoic ac... | 11.722 | 36.4 | ng | 632869 | 4 | 11.316 | 347571 | 20.0 |
| n-Hexadecanoic ... | 11.863 | 19.8 | ng | 344639 | 4 | 11.316 | 347571 | 20.0 |
| Pentacosane | 12.033 | 13.5 | ng | 235045 | 4 | 11.316 | 347571 | 20.0 |
| 9,12-Octadecadi... | 12.416 | 134.2 | ng | 2332950 | 4 | 11.316 | 347571 | 20.0 |
| 16-Octadecenoic... | 12.439 | 98.0 | ng | 1703560 | 4 | 11.316 | 347571 | 20.0 |
| cis-Vaccenic acid | 12.586 | 137.7 | ng | 2392310 | 4 | 11.316 | 347571 | 20.0 |
| Octadecanoic acid | 12.663 | 12.7 | ng | 259475 | 5 | 13.969 | 408263 | 20.0 |
| unknown13.416 | 13.416 | 9.0 | ng | 182976 | 5 | 13.969 | 408263 | 20.0 |
| 3-(Dimethylamin... | 14.898 | 41.8 | ng | 581380 | 6 | 15.451 | 278506 | 20.0 |