LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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 | 3.551 | 240 | 249 | 257 | rBV | 269883 | 445592 | 12.75% | 1.257% |
| 2 | 4.163 | 350 | 353 | 365 | rBV | 35740 | 60154 | 1.72% | 0.170% |
| 3 | 4.828 | 462 | 466 | 479 | rBV | 860120 | 1160094 | 33.19% | 3.273% |
| 4 | 5.257 | 535 | 539 | 560 | rBV | 3082222 | 3320260 | 94.98% | 9.367% |
| 5 | 6.310 | 713 | 718 | 733 | rBV | 2792730 | 3495746 | 100.00% | 9.862% |
| 6 | 6.422 | 733 | 737 | 743 | rVV | 3555918 | 3396646 | 97.17% | 9.582% |
| 7 | 6.481 | 743 | 747 | 753 | rVB3 | 23472 | 37364 | 1.07% | 0.105% |
| 8 | 6.645 | 772 | 775 | 782 | rVB | 1025907 | 846487 | 24.21% | 2.388% |
| 9 | 6.804 | 798 | 802 | 805 | rBV | 2596919 | 2264765 | 64.79% | 6.389% |
| 10 | 7.098 | 849 | 852 | 860 | rBV | 51732 | 78428 | 2.24% | 0.221% |
| 11 | 7.216 | 868 | 872 | 875 | rBV | 2080354 | 2037272 | 58.28% | 5.747% |
| 12 | 7.928 | 989 | 993 | 996 | rBV | 1215233 | 1141917 | 32.67% | 3.221% |
| 13 | 7.951 | 996 | 997 | 1003 | rVB2 | 83684 | 69915 | 2.00% | 0.197% |
| 14 | 8.357 | 1062 | 1066 | 1070 | rBV2 | 39055 | 43392 | 1.24% | 0.122% |
| 15 | 8.739 | 1126 | 1131 | 1137 | rVB | 31007 | 38200 | 1.09% | 0.108% |
| 16 | 8.957 | 1165 | 1168 | 1171 | rVB | 43748 | 39924 | 1.14% | 0.113% |
| 17 | 9.004 | 1172 | 1176 | 1180 | rBV | 2705737 | 2393577 | 68.47% | 6.752% |
| 18 | 9.086 | 1186 | 1190 | 1192 | rBV3 | 34685 | 39625 | 1.13% | 0.112% |
| 19 | 9.404 | 1241 | 1244 | 1248 | rVB | 584798 | 447272 | 12.79% | 1.262% |
| 20 | 9.545 | 1265 | 1268 | 1273 | rVB | 46623 | 49271 | 1.41% | 0.139% |
| 21 | 9.616 | 1278 | 1280 | 1284 | rBV | 44799 | 44719 | 1.28% | 0.126% |
| 22 | 9.680 | 1287 | 1291 | 1294 | rVV | 1388311 | 1162743 | 33.26% | 3.280% |
| 23 | 9.710 | 1294 | 1296 | 1301 | rVB | 61121 | 65405 | 1.87% | 0.185% |
| 24 | 10.080 | 1355 | 1359 | 1362 | rBV5 | 28293 | 35369 | 1.01% | 0.100% |
| 25 | 10.116 | 1362 | 1365 | 1367 | rVV | 63208 | 47863 | 1.37% | 0.135% |
| 26 | 10.227 | 1381 | 1384 | 1389 | rVB | 64671 | 63668 | 1.82% | 0.180% |
| 27 | 10.333 | 1399 | 1402 | 1408 | rVB3 | 56364 | 81857 | 2.34% | 0.231% |
| 28 | 10.469 | 1419 | 1425 | 1429 | rBV | 1576548 | 1404585 | 40.18% | 3.962% |
| 29 | 10.586 | 1442 | 1445 | 1453 | rVB2 | 110850 | 178276 | 5.10% | 0.503% |
| 30 | 11.033 | 1519 | 1521 | 1523 | rBV | 49219 | 43130 | 1.23% | 0.122% |
| 31 | 11.063 | 1523 | 1526 | 1531 | rVB2 | 79511 | 86320 | 2.47% | 0.244% |
| 32 | 11.163 | 1539 | 1543 | 1545 | rBV | 1095893 | 973279 | 27.84% | 2.746% |
| 33 | 11.186 | 1545 | 1547 | 1550 | rVV | 546546 | 427387 | 12.23% | 1.206% |
| 34 | 11.233 | 1550 | 1555 | 1558 | rVB | 93465 | 110940 | 3.17% | 0.313% |

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.398 | 1581 | 1583 | 1590 | rVB2 | 51979 | 63075 | 1.80% | 0.178% |
| 36 | 11.663 | 1625 | 1628 | 1630 | rBV | 68681 | 57899 | 1.66% | 0.163% |
| 37 | 11.692 | 1630 | 1633 | 1637 | rVB | 97221 | 90924 | 2.60% | 0.257% |
| 38 | 11.774 | 1644 | 1647 | 1649 | rBV | 127669 | 116816 | 3.34% | 0.330% |
| 39 | 11.957 | 1676 | 1678 | 1680 | rBV | 51141 | 42037 | 1.20% | 0.119% |
| 40 | 11.992 | 1681 | 1684 | 1689 | rVB | 68785 | 70946 | 2.03% | 0.200% |
| 41 | 12.139 | 1706 | 1709 | 1711 | rBV3 | 52163 | 56589 | 1.62% | 0.160% |
| 42 | 12.210 | 1718 | 1721 | 1723 | rBV2 | 58774 | 62150 | 1.78% | 0.175% |
| 43 | 12.369 | 1745 | 1748 | 1752 | rBV | 767835 | 723775 | 20.70% | 2.042% |
| 44 | 12.598 | 1781 | 1787 | 1790 | rBV | 707730 | 705374 | 20.18% | 1.990% |
| 45 | 12.745 | 1808 | 1812 | 1815 | rBV | 1819871 | 1594953 | 45.63% | 4.499% |
| 46 | 12.927 | 1841 | 1843 | 1846 | rVB | 137349 | 118666 | 3.39% | 0.335% |
| 47 | 12.992 | 1852 | 1854 | 1857 | rVB | 105902 | 86916 | 2.49% | 0.245% |
| 48 | 13.027 | 1857 | 1860 | 1868 | rVB4 | 82517 | 124524 | 3.56% | 0.351% |
| 49 | 13.363 | 1914 | 1917 | 1922 | rVB6 | 83429 | 106910 | 3.06% | 0.302% |
| 50 | 13.439 | 1928 | 1930 | 1934 | rVB | 53244 | 47154 | 1.35% | 0.133% |
| 51 | 13.545 | 1946 | 1948 | 1950 | rBV | 54644 | 47744 | 1.37% | 0.135% |
| 52 | 13.616 | 1958 | 1960 | 1962 | rBV2 | 56357 | 51396 | 1.47% | 0.145% |
| 53 | 13.645 | 1962 | 1965 | 1969 | rVB2 | 172280 | 188611 | 5.40% | 0.532% |
| 54 | 13.792 | 1985 | 1990 | 1993 | rBV2 | 894204 | 1197296 | 34.25% | 3.378% |
| 55 | 13.821 | 1993 | 1995 | 2000 | rVB | 363331 | 301130 | 8.61% | 0.850% |
| 56 | 13.898 | 2006 | 2008 | 2010 | rVB | 74315 | 50559 | 1.45% | 0.143% |
| 57 | 14.180 | 2054 | 2056 | 2059 | rVB | 77178 | 63639 | 1.82% | 0.180% |
| 58 | 14.274 | 2069 | 2072 | 2074 | rBV2 | 96645 | 107321 | 3.07% | 0.303% |
| 59 | 14.804 | 2158 | 2162 | 2169 | rBV | 399583 | 674218 | 19.29% | 1.902% |
| 60 | 14.868 | 2170 | 2173 | 2175 | rVV2 | 108942 | 111819 | 3.20% | 0.315% |
| 61 | 14.898 | 2176 | 2178 | 2184 | rVB2 | 102880 | 123764 | 3.54% | 0.349% |
| 62 | 15.080 | 2206 | 2209 | 2215 | rVB | 247899 | 289159 | 8.27% | 0.816% |
| 63 | 15.133 | 2215 | 2218 | 2224 | rBV | 353184 | 432410 | 12.37% | 1.220% |
| 64 | 15.192 | 2224 | 2228 | 2232 | rBV | 663609 | 832036 | 23.80% | 2.347% |
| 65 | 15.604 | 2295 | 2298 | 2301 | rVB | 97462 | 115982 | 3.32% | 0.327% |
| 66 | 16.192 | 2395 | 2398 | 2411 | rVB6 | 93879 | 205234 | 5.87% | 0.579% |
| 67 | 16.527 | 2450 | 2455 | 2460 | rBV | 167721 | 286982 | 8.21% | 0.810% |
| 68 | 16.927 | 2519 | 2523 | 2530 | rBV | 88038 | 168380 | 4.82% | 0.475% |

Sum of corrected areas: 35447830

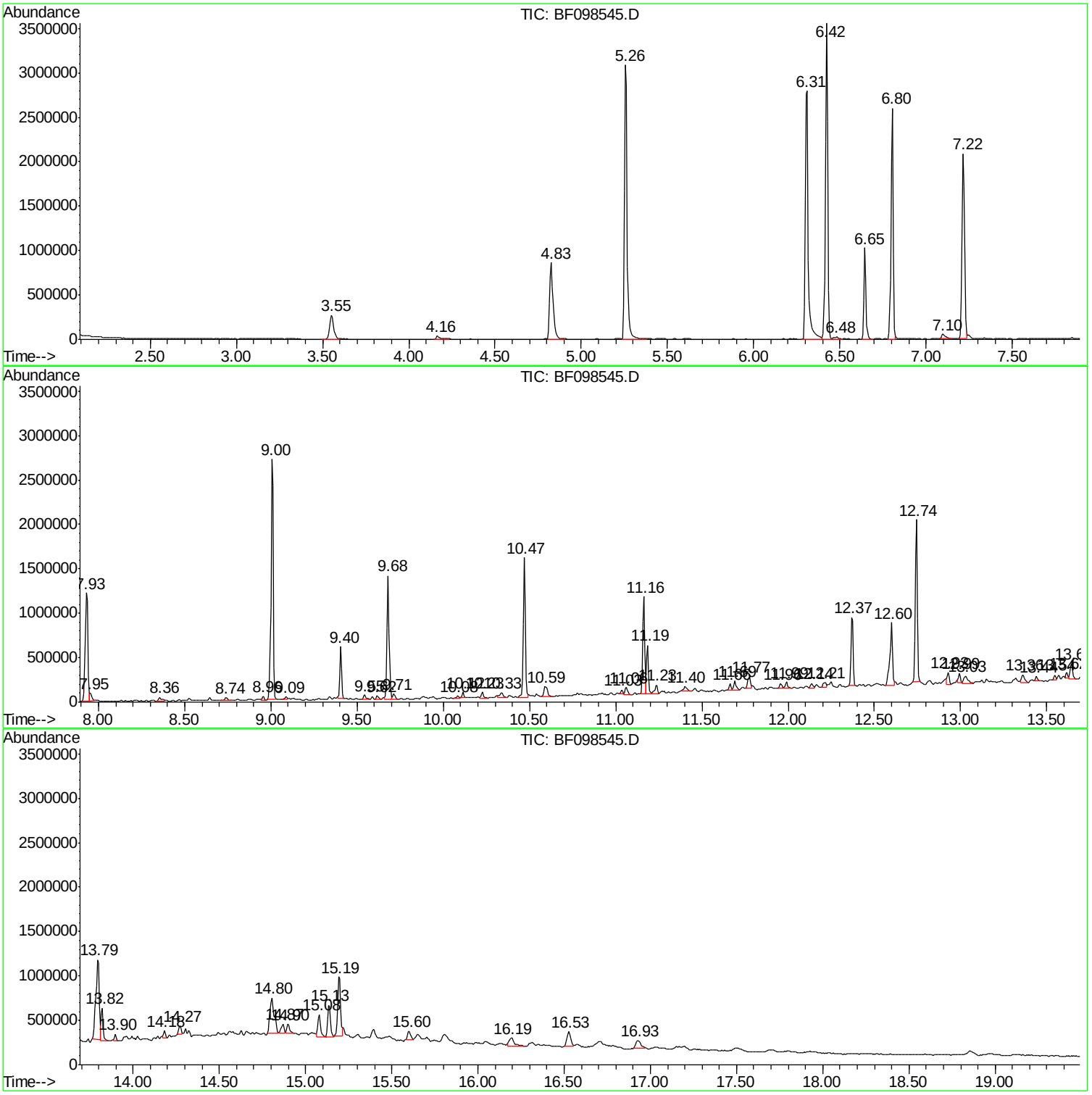
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



# Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

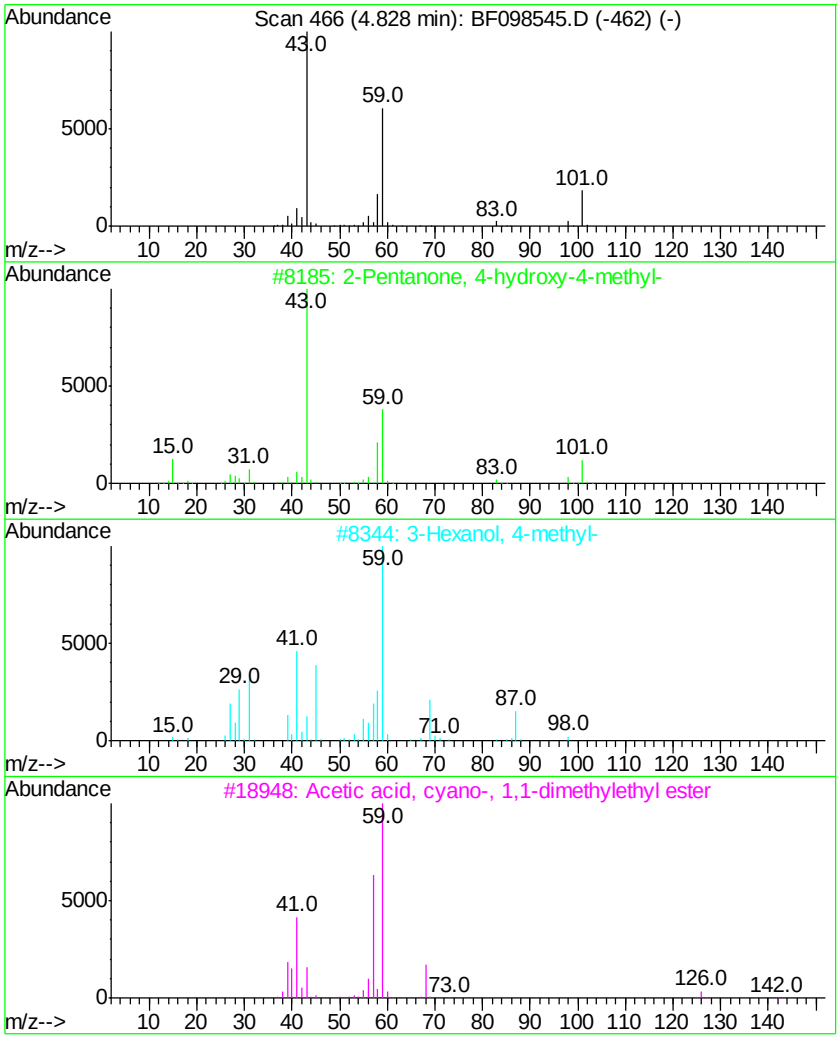
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

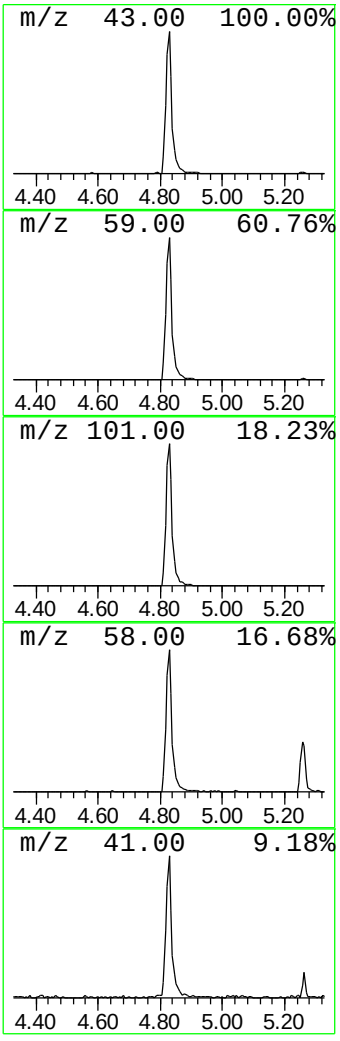
**********

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.83 | 27.41 ng | 1160090 | 1,4-Dichlorobenzene-d4 | 6.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 33 |
| 3 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 9 |



# Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

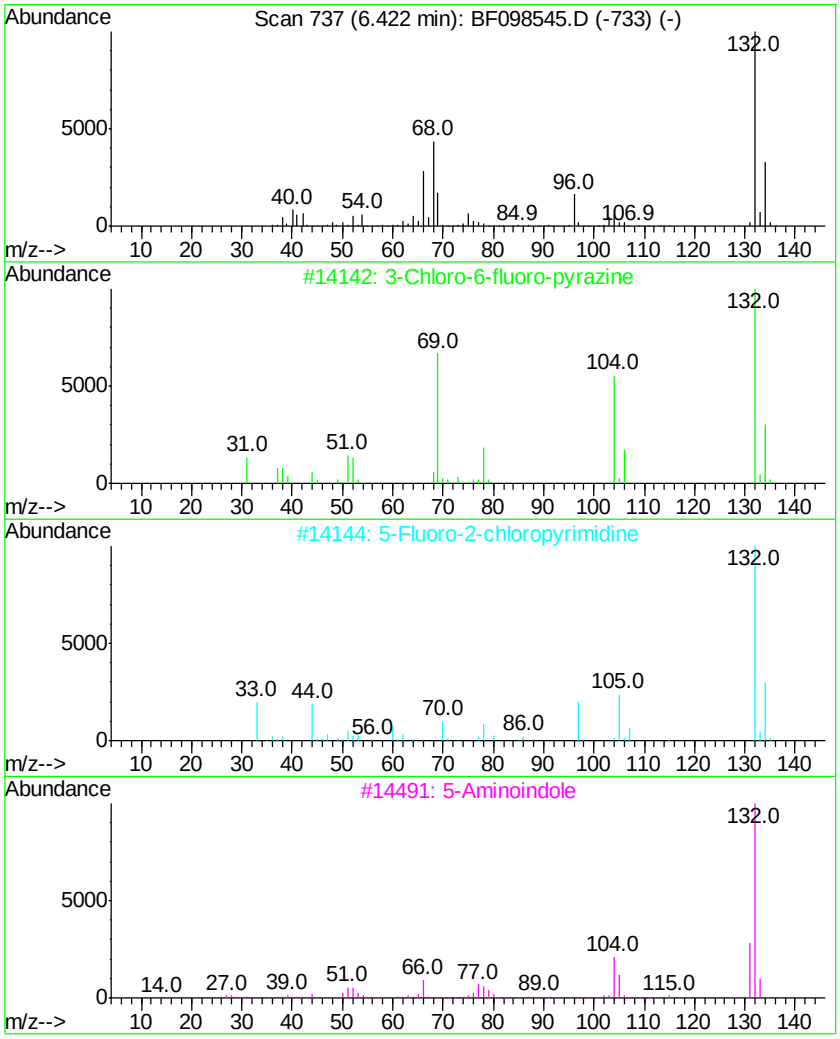
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

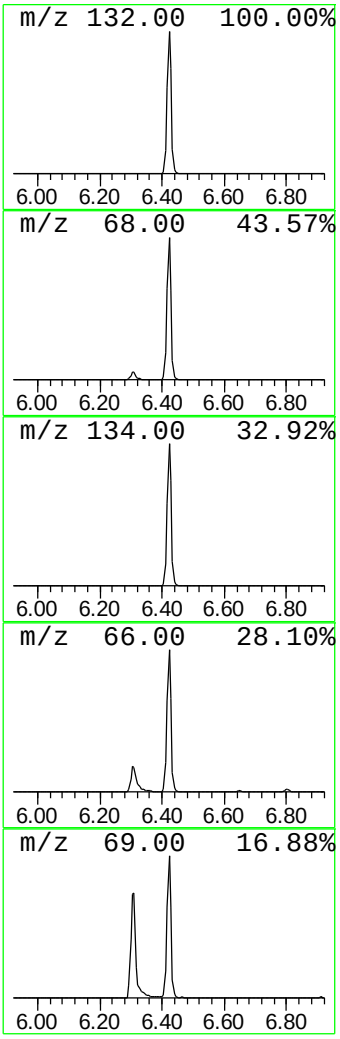
**********

Peak Number 3 unknown6.42 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.42 | 80.25 ng | 3396650 | 1,4-Dichlorobenzene-d4 | 6.65 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 16 |
| 3 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 4 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 5 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

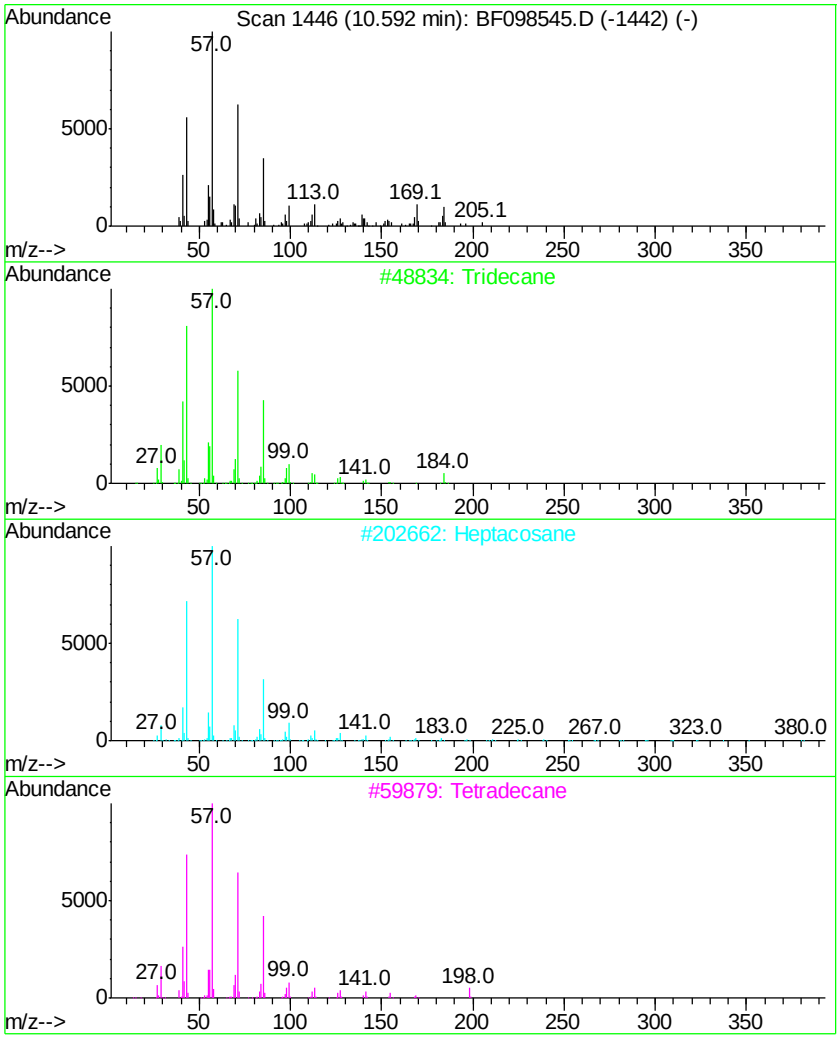
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

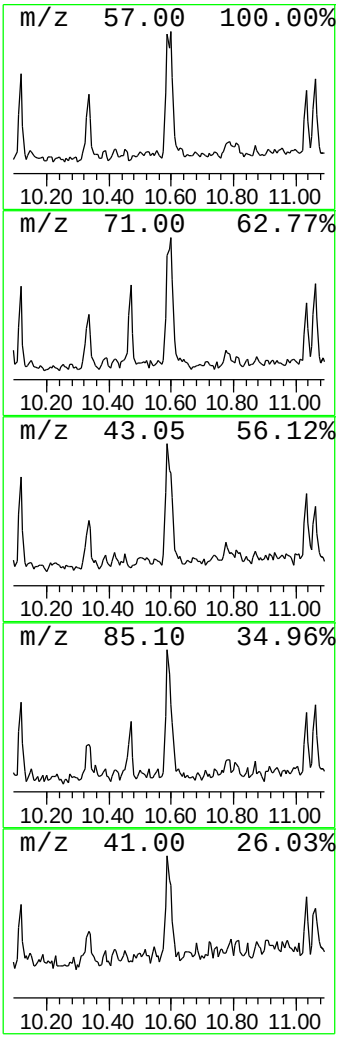
**********

Peak Number 5 Tridecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.59 | 3.66 ng | 178276 | Phenanthrene-d10 | 11.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 86 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 80 |
| 5 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 80 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

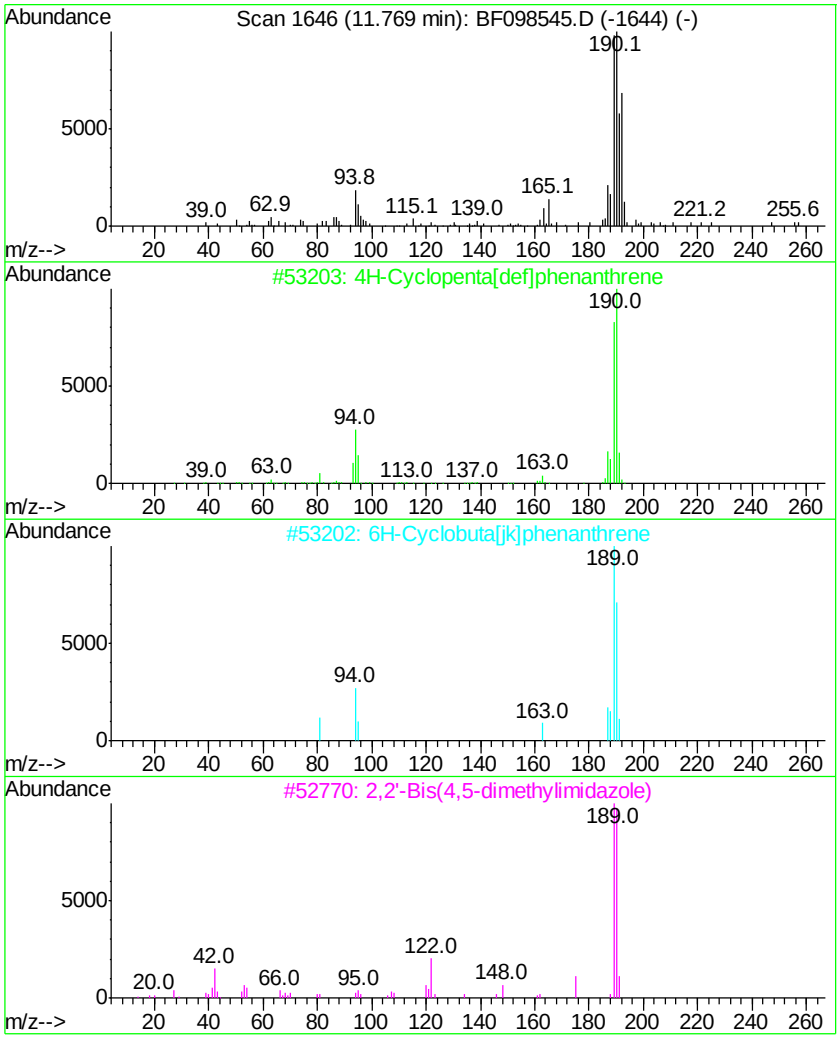
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

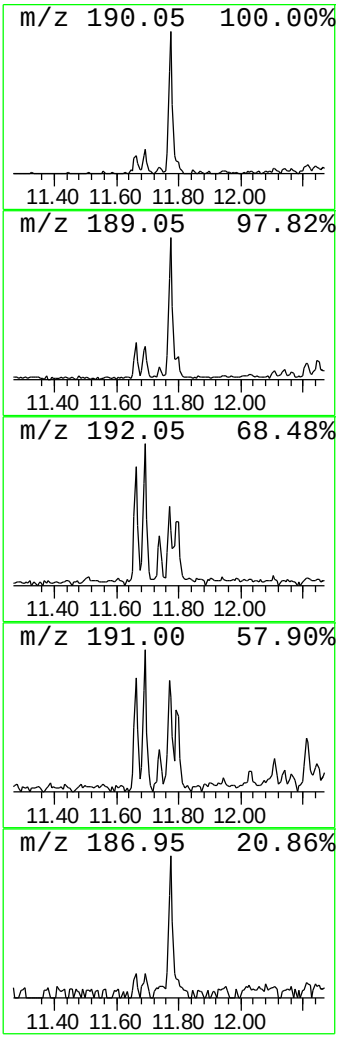
**********

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.77 | 2.40 ng | 116816 | Phenanthrene-d10 | 11.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 74 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 64 |
| 3 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 49 |
| 4 | Benzo[1,2-b:5,4-b']dithiophene | 190 | C10H6S2 | 000267-61-8 | 22 |
| 5 | Benzo[1,2-b:3,4-b']dithiophene | 190 | C10H6S2 | 000211-02-9 | 22 |



# Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

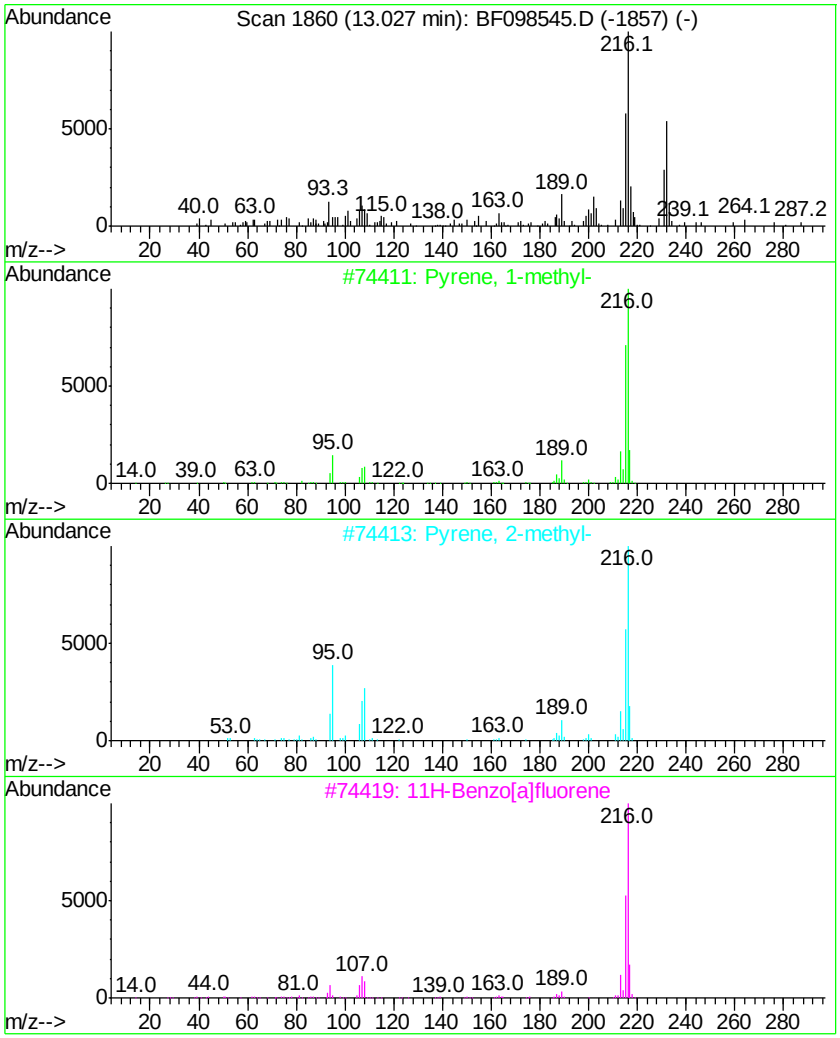
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

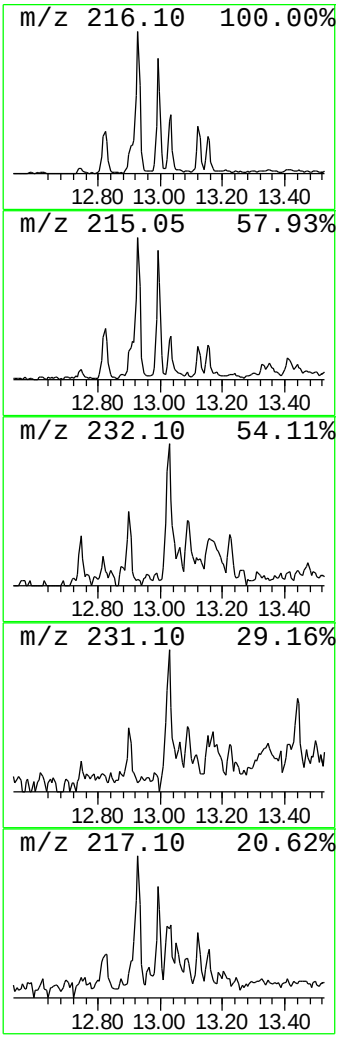
**********

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.03 | 2.08 ng | 124524 | Chrysene-d12 | 13.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 64 |
| 2 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 64 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 60 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 49 |
| 5 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 49 |



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

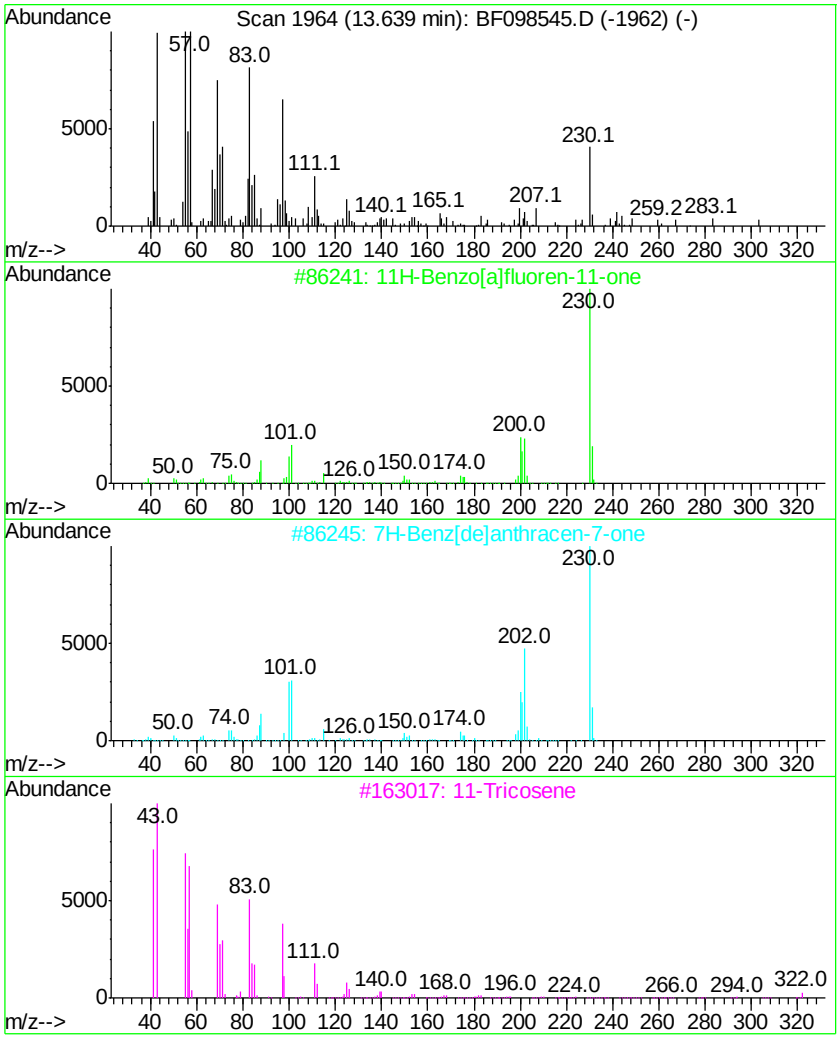
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

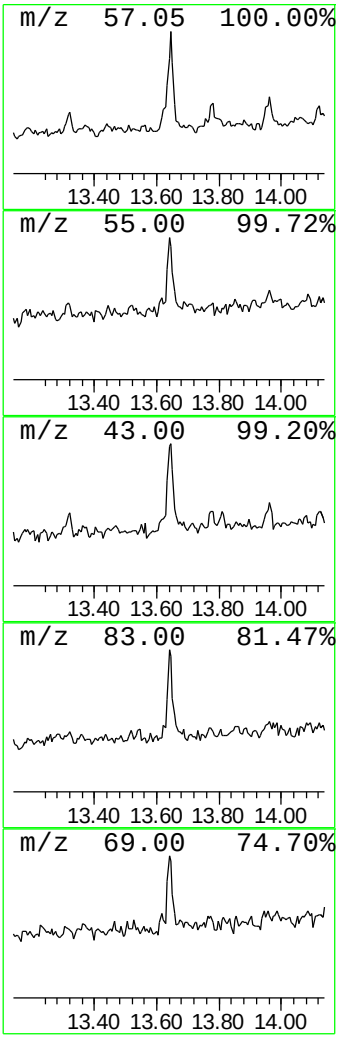
**********

Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.64 | 3.15 ng | 188611 | Chrysene-d12 | 13.80 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 70 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 49 |
| 3 | 11-Tricosene | 322 | C23H46 | 052078-56-5 | 30 |
| 4 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 30 |
| 5 | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 30 |



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
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Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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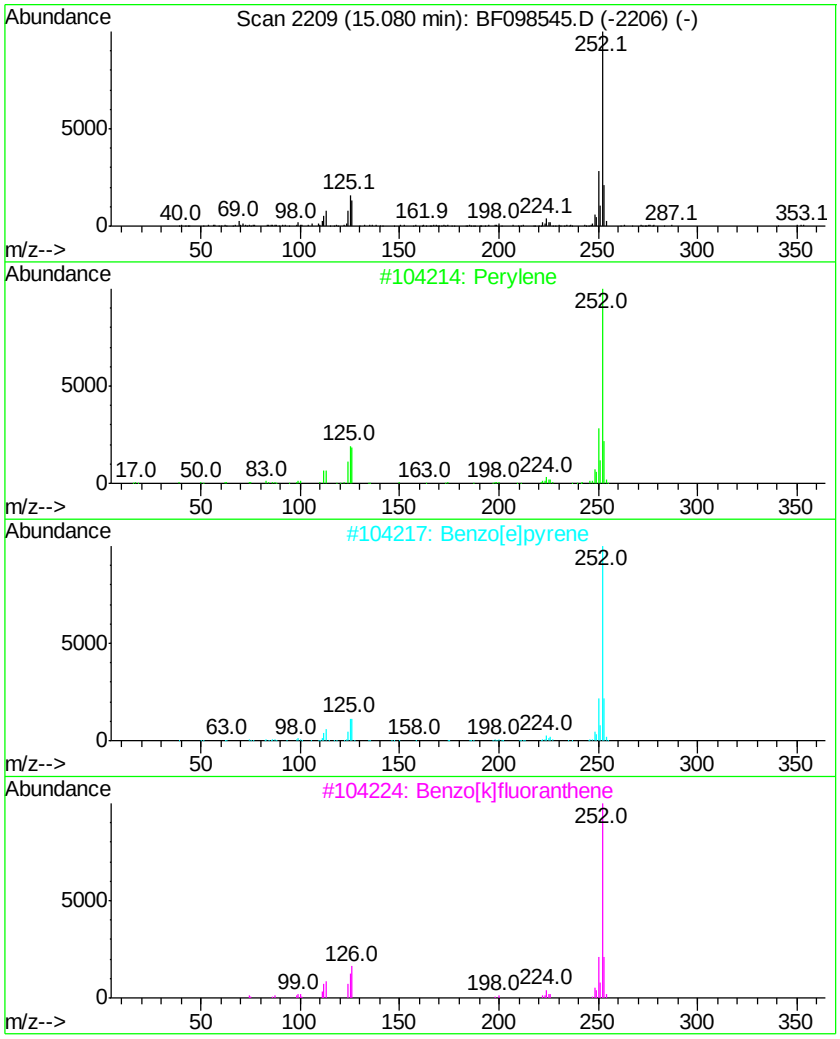
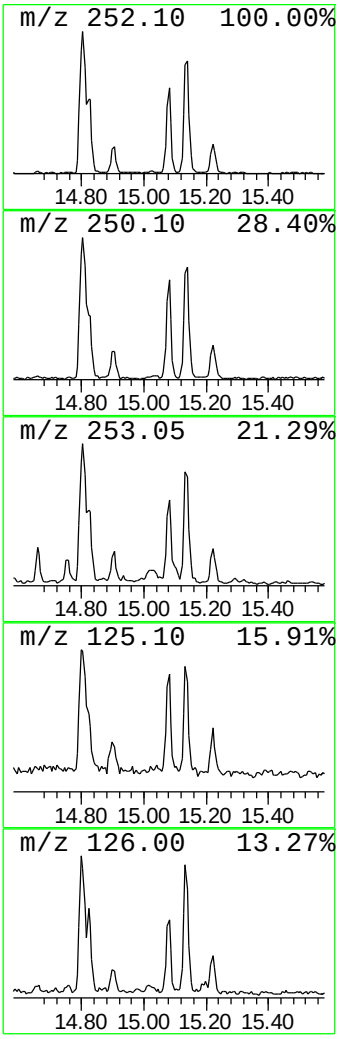
Peak Number 10 Perylene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.08 | 6.95 ng | 289159 | Perylene-d12 | 15.19 |

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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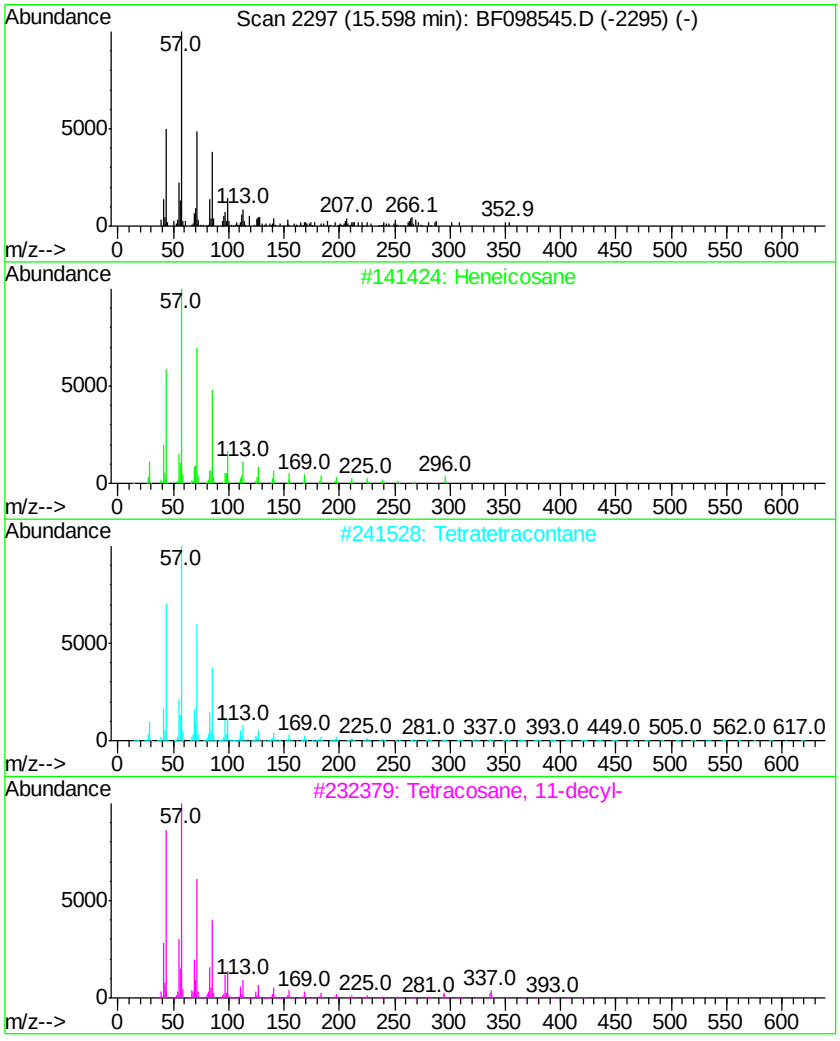
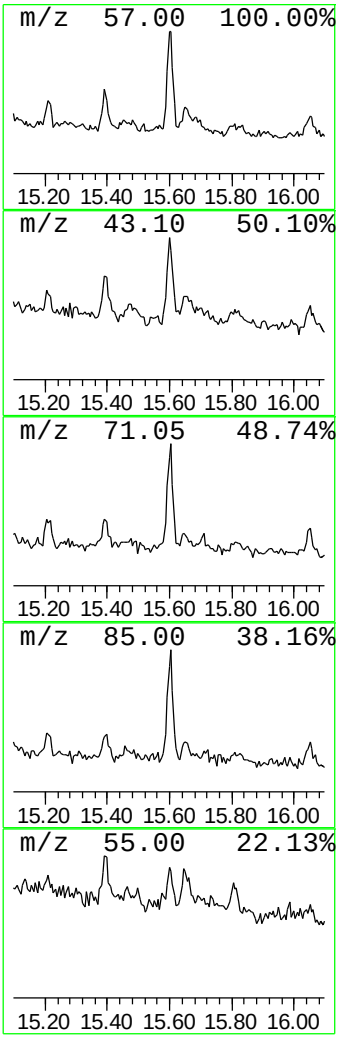
Peak Number 11 Heneicosane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.60 | 2.79 ng | 115982 | Perylene-d12 | 15.19 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 87 |
| 3 | Tetracosane, 11-decyl- | 479 | C34H70 | 055429-84-0 | 87 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 87 |
| 5 | Tricosane | 324 | C23H48 | 000638-67-5 | 86 |



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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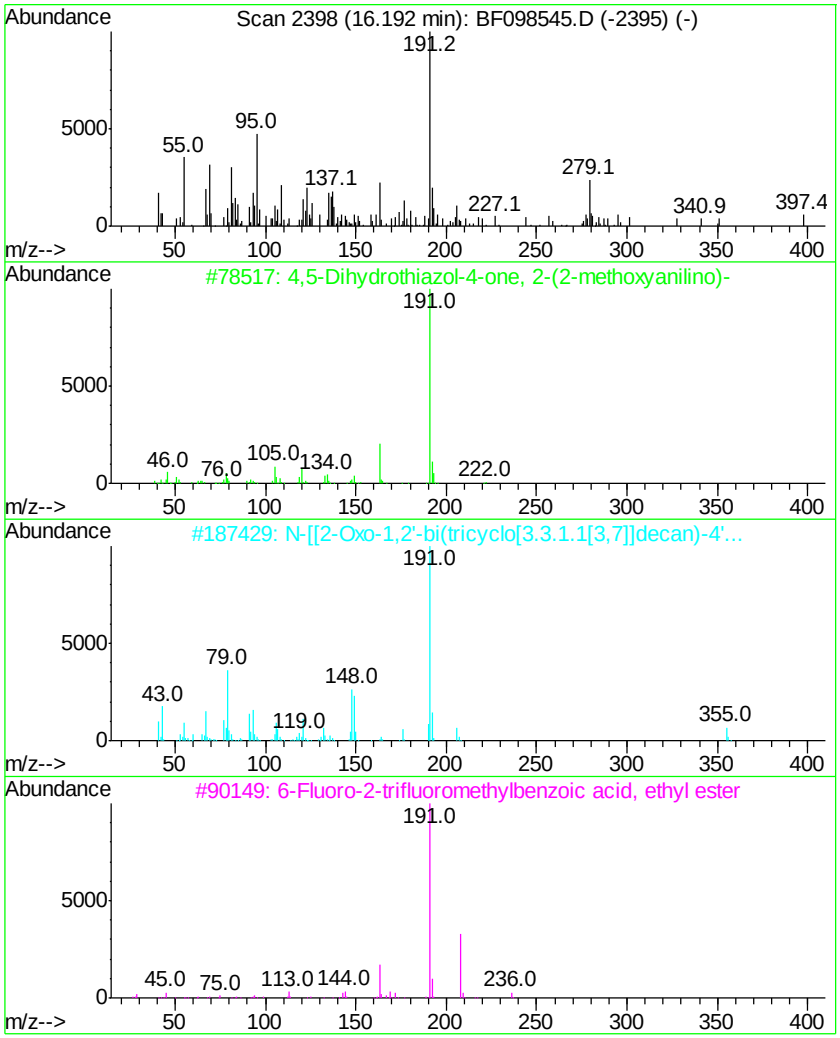
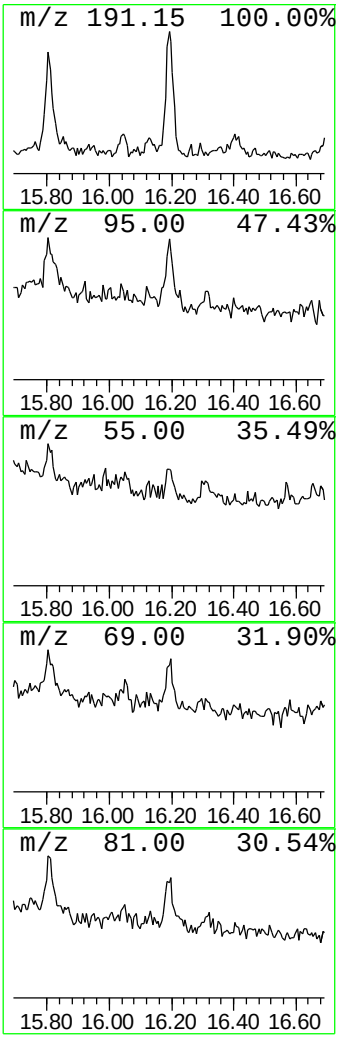
Peak Number 12 unknown16.19 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.19 | 4.93 ng | 205234 | Perylene-d12 | 15.19 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4,5-Dihydrothiazol-4-one, 2-(2-m... | 222 | C10H10N2O2S | 022476-61-5 | 38 |
| 2 | N-[[2-Oxo-1,2'-bi(tricyclo[3.3.1... | 355 | C23H33NO2 | 1000305-39-6 | 35 |
| 3 | 6-Fluoro-2-trifluoromethylbenzoi... | 236 | C10H8F4O2 | 1000338-97-5 | 35 |
| 4 | Phenol, 2,5-bis(1,1-dimethylethyl)- | 206 | C14H22O | 005875-45-6 | 35 |
| 5 | 2-Fluoro-5-(trifluoromethyl)prop... | 220 | C10H8F4O | 207974-18-3 | 30 |



Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098545.D
Acq On : 14 Sep 2017 23:18
Operator : SJ/JU
Sample : I5161-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RL-12-0-13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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 |
| 2-Pentanone, 4-hy... | 4.83 | 27.4 | ng | 1160090 | 1 | 6.65 | 846487 | 20.0 |
| unknown6.42 | 6.42 | 80.3 | ng | 3396650 | 1 | 6.65 | 846487 | 20.0 |
| Tridecane | 10.59 | 3.7 | ng | 178276 | 4 | 11.16 | 973279 | 20.0 |
| 4H-Cyclopenta[def... | 11.77 | 2.4 | ng | 116816 | 4 | 11.16 | 973279 | 20.0 |
| Pyrene, 1-methyl- | 13.03 | 2.1 | ng | 124524 | 5 | 13.80 | 1197300 | 20.0 |
| 11H-Benzo[a]fluor... | 13.64 | 3.1 | ng | 188611 | 5 | 13.80 | 1197300 | 20.0 |
| Perylene | 15.08 | 7.0 | ng | 289159 | 6 | 15.19 | 832036 | 20.0 |
| Heneicosane | 15.60 | 2.8 | ng | 115982 | 6 | 15.19 | 832036 | 20.0 |
| unknown16.19 | 16.19 | 4.9 | ng | 205234 | 6 | 15.19 | 832036 | 20.0 |