LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

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-BF110715.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 | 4.990 | 248 | 254 | 264 | rVB | 2183627 | 3469602 | 46.46% | 4.708% |
| 2 | 5.424 | 289 | 292 | 294 | rBV | 6023636 | 6274036 | 84.01% | 8.513% |
| 3 | 6.464 | 380 | 383 | 385 | rVB | 5256063 | 7467782 | 100.00% | 10.133% |
| 4 | 6.590 | 391 | 394 | 396 | rBV | 6301573 | 7094543 | 95.00% | 9.626% |
| 5 | 6.819 | 411 | 414 | 416 | rBV | 1280239 | 1422415 | 19.05% | 1.930% |
| 6 | 6.979 | 425 | 428 | 430 | rBV | 3911224 | 4941752 | 66.17% | 6.705% |
| 7 | 7.379 | 460 | 463 | 465 | rBV | 3951862 | 4133633 | 55.35% | 5.609% |
| 8 | 7.482 | 469 | 472 | 474 | rBV | 56554 | 77561 | 1.04% | 0.105% |
| 9 | 8.099 | 524 | 526 | 529 | rBV | 1952863 | 1858753 | 24.89% | 2.522% |
| 10 | 8.339 | 545 | 547 | 554 | rVB4 | 31172 | 85267 | 1.14% | 0.116% |
| 11 | 9.185 | 618 | 621 | 623 | rBV | 7587414 | 7033437 | 94.18% | 9.543% |
| 12 | 9.573 | 653 | 655 | 658 | rBV | 1377238 | 1248430 | 16.72% | 1.694% |
| 13 | 9.813 | 674 | 676 | 677 | rBV2 | 64515 | 79790 | 1.07% | 0.108% |
| 14 | 9.859 | 677 | 680 | 682 | rBV | 2572943 | 2313087 | 30.97% | 3.139% |
| 15 | 10.053 | 694 | 697 | 701 | rBV2 | 51806 | 91877 | 1.23% | 0.125% |
| 16 | 10.271 | 715 | 716 | 718 | rBV | 78261 | 114174 | 1.53% | 0.155% |
| 17 | 10.648 | 746 | 749 | 751 | rBV | 5059603 | 5148148 | 68.94% | 6.985% |
| 18 | 10.773 | 758 | 760 | 764 | rBV | 189558 | 223761 | 3.00% | 0.304% |
| 19 | 11.219 | 798 | 799 | 801 | rBV2 | 188608 | 183982 | 2.46% | 0.250% |
| 20 | 11.333 | 807 | 809 | 813 | rVB2 | 1895114 | 2473813 | 33.13% | 3.357% |
| 21 | 11.413 | 813 | 816 | 818 | rBV2 | 82260 | 122644 | 1.64% | 0.166% |
| 22 | 11.573 | 827 | 830 | 834 | rBV4 | 94804 | 209615 | 2.81% | 0.284% |
| 23 | 11.654 | 834 | 837 | 839 | rVV | 137052 | 145023 | 1.94% | 0.197% |
| 24 | 11.802 | 847 | 850 | 852 | rBV3 | 44583 | 89530 | 1.20% | 0.121% |
| 25 | 11.882 | 854 | 857 | 859 | rVV | 600090 | 653262 | 8.75% | 0.886% |
| 26 | 11.951 | 861 | 863 | 868 | rVV2 | 115966 | 258694 | 3.46% | 0.351% |
| 27 | 12.054 | 870 | 872 | 876 | rVV | 122914 | 167483 | 2.24% | 0.227% |
| 28 | 12.134 | 876 | 879 | 884 | rVB3 | 205527 | 261227 | 3.50% | 0.354% |
| 29 | 12.396 | 899 | 902 | 905 | rBV2 | 43818 | 96340 | 1.29% | 0.131% |
| 30 | 12.545 | 913 | 915 | 917 | rBV | 440660 | 405400 | 5.43% | 0.550% |
| 31 | 12.591 | 917 | 919 | 924 | rVV4 | 61821 | 126222 | 1.69% | 0.171% |
| 32 | 12.671 | 924 | 926 | 932 | rVV2 | 192726 | 349735 | 4.68% | 0.475% |
| 33 | 12.774 | 932 | 935 | 937 | rVV | 430129 | 429778 | 5.76% | 0.583% |
| 34 | 12.819 | 938 | 939 | 942 | rVB2 | 88335 | 100354 | 1.34% | 0.136% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.934 | 946 | 949 | 951 | rVV | 7055223 | 7005033 | 93.80% | 9.505% |
| 36 | 13.208 | 971 | 973 | 977 | rBV2 | 66631 | 104688 | 1.40% | 0.142% |
| 37 | 13.299 | 979 | 981 | 983 | rBV | 96679 | 108602 | 1.45% | 0.147% |
| 38 | 13.425 | 986 | 992 | 995 | rBV7 | 61412 | 264176 | 3.54% | 0.358% |
| 39 | 13.482 | 995 | 997 | 998 | rBV | 188399 | 183730 | 2.46% | 0.249% |
| 40 | 13.722 | 1016 | 1018 | 1019 | rBV | 75299 | 91763 | 1.23% | 0.125% |
| 41 | 13.837 | 1025 | 1028 | 1035 | rBV2 | 351214 | 767750 | 10.28% | 1.042% |
| 42 | 13.974 | 1038 | 1040 | 1042 | rBV | 1737321 | 2313134 | 30.97% | 3.139% |
| 43 | 14.271 | 1064 | 1066 | 1070 | rBV | 106287 | 180179 | 2.41% | 0.244% |
| 44 | 14.339 | 1070 | 1072 | 1074 | rBV | 81431 | 132720 | 1.78% | 0.180% |
| 45 | 14.580 | 1091 | 1093 | 1097 | rBV2 | 106184 | 208263 | 2.79% | 0.283% |
| 46 | 14.865 | 1115 | 1118 | 1120 | rBV | 776974 | 778792 | 10.43% | 1.057% |
| 47 | 15.014 | 1129 | 1131 | 1136 | rVB | 153286 | 408793 | 5.47% | 0.555% |
| 48 | 15.300 | 1154 | 1156 | 1158 | rVB | 98305 | 101226 | 1.36% | 0.137% |
| 49 | 15.357 | 1159 | 1161 | 1164 | rVB | 152738 | 208015 | 2.79% | 0.282% |
| 50 | 15.425 | 1164 | 1167 | 1169 | rBV | 1145432 | 1570462 | 21.03% | 2.131% |
| 51 | 16.785 | 1284 | 1286 | 1291 | rVB3 | 53937 | 120778 | 1.62% | 0.164% |

Sum of corrected areas: 73699254

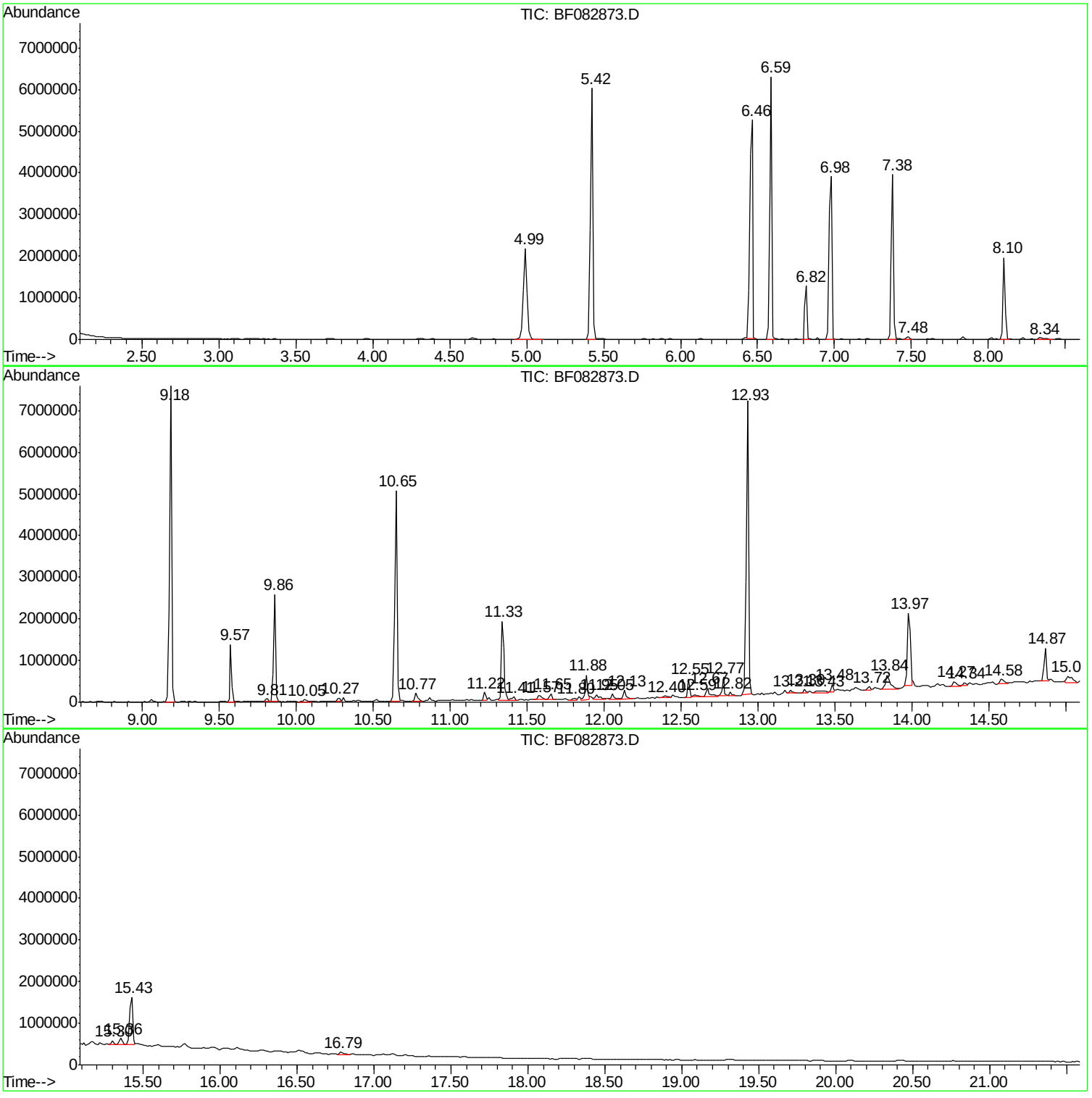
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

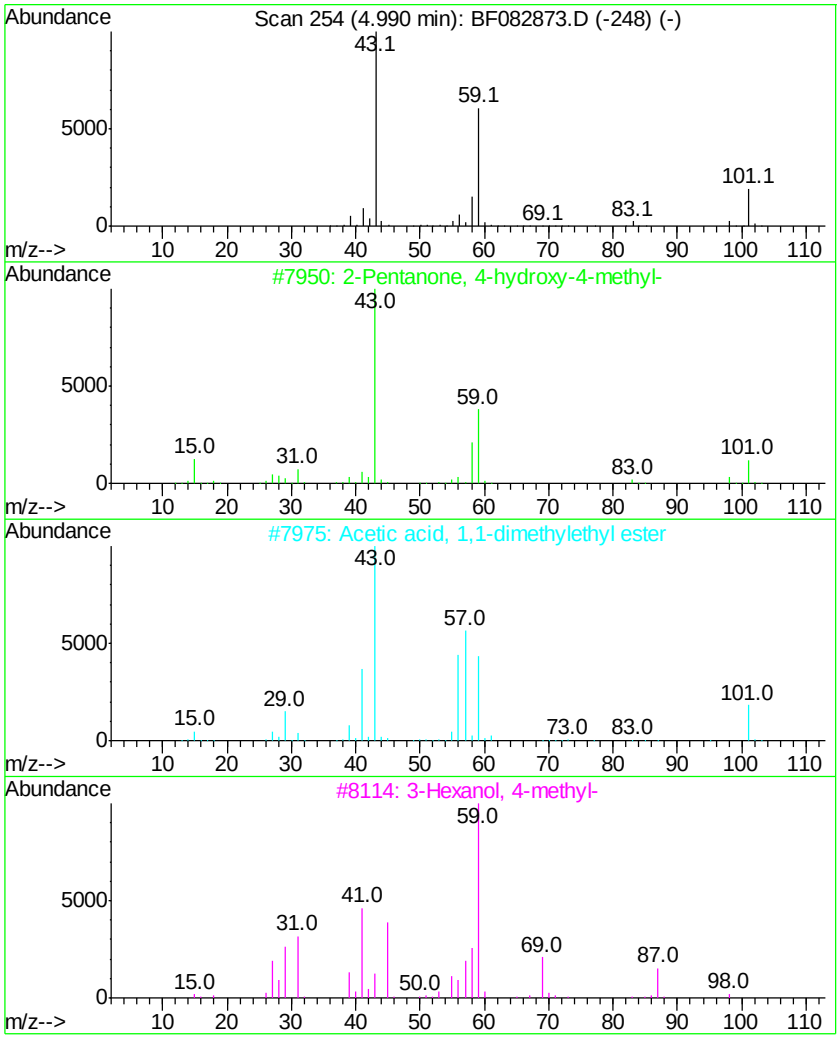
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

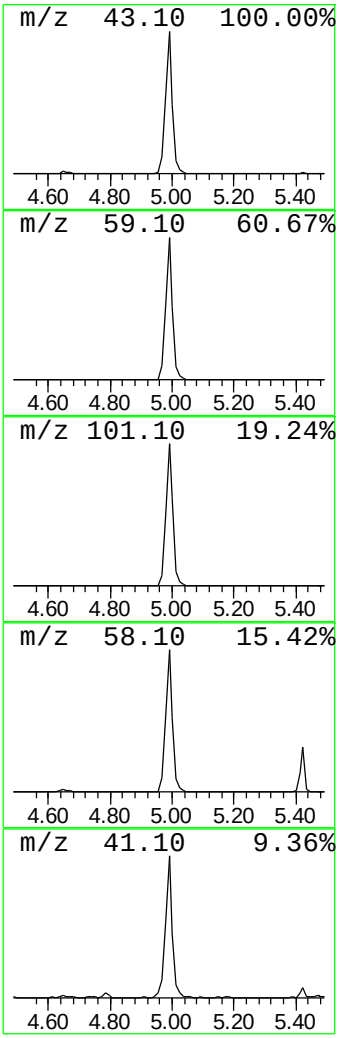
**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.99 | 48.78 ng | 3469600 | 1,4-Dichlorobenzene-d4 | 6.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 39 |
| 3 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 28 |
| 4 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 28 |
| 5 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

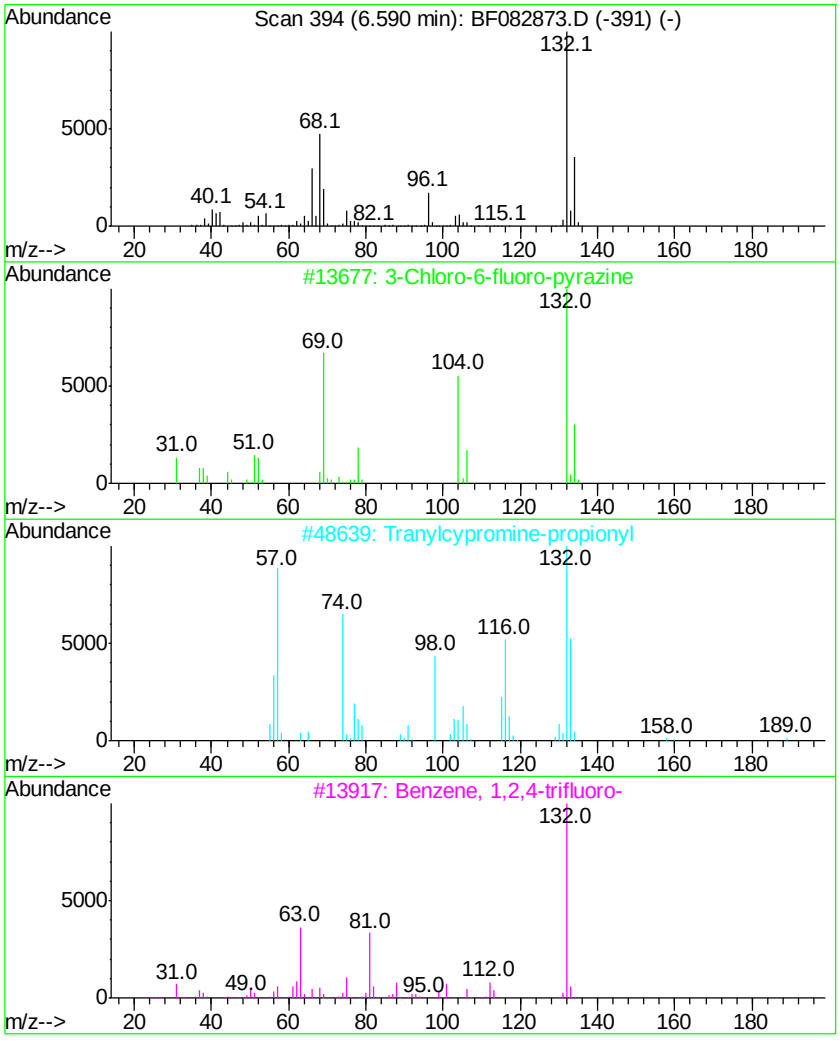
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

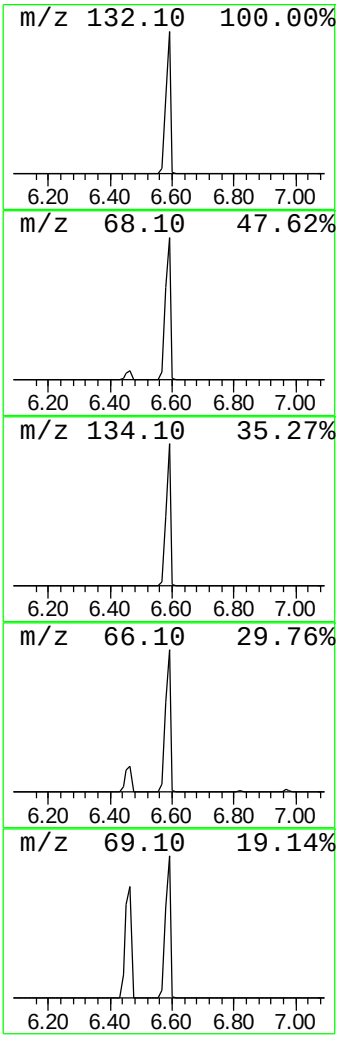
**********

Peak Number 2 unknown6.59 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.59 | 99.75 ng | 7094540 | 1,4-Dichlorobenzene-d4 | 6.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 10 |
| 3 | Benzene, 1,2,4-trifluoro- | 132 | C6H3F3 | 000367-23-7 | 9 |
| 4 | Benzene, 1,3,5-trifluoro- | 132 | C6H3F3 | 000372-38-3 | 9 |
| 5 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

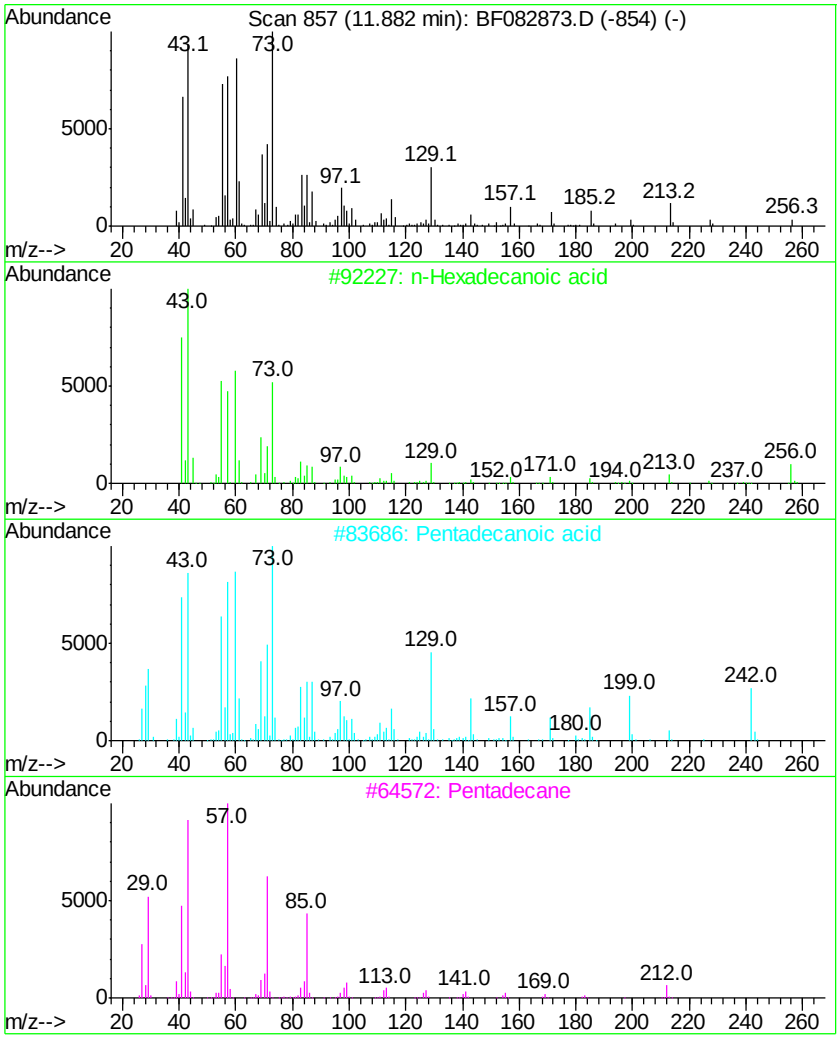
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

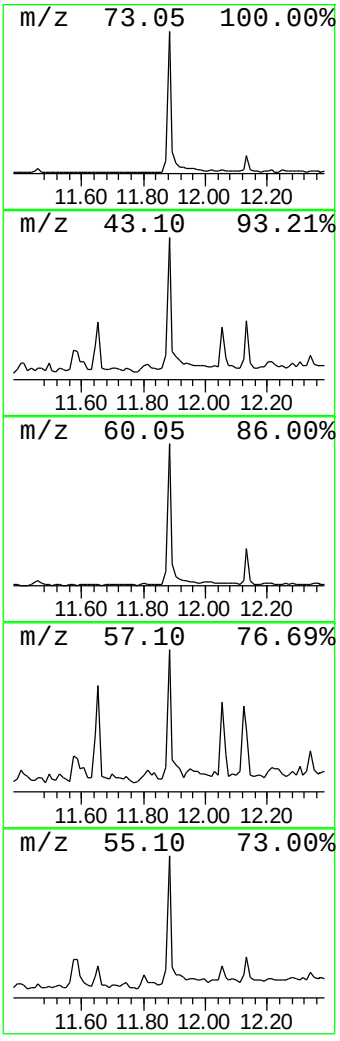
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.88 | 5.28 ng | 653262 | Phenanthrene-d10 | 11.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 11 |
| 4 | Dodecane | 170 | C12H26 | 000112-40-3 | 11 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 11 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

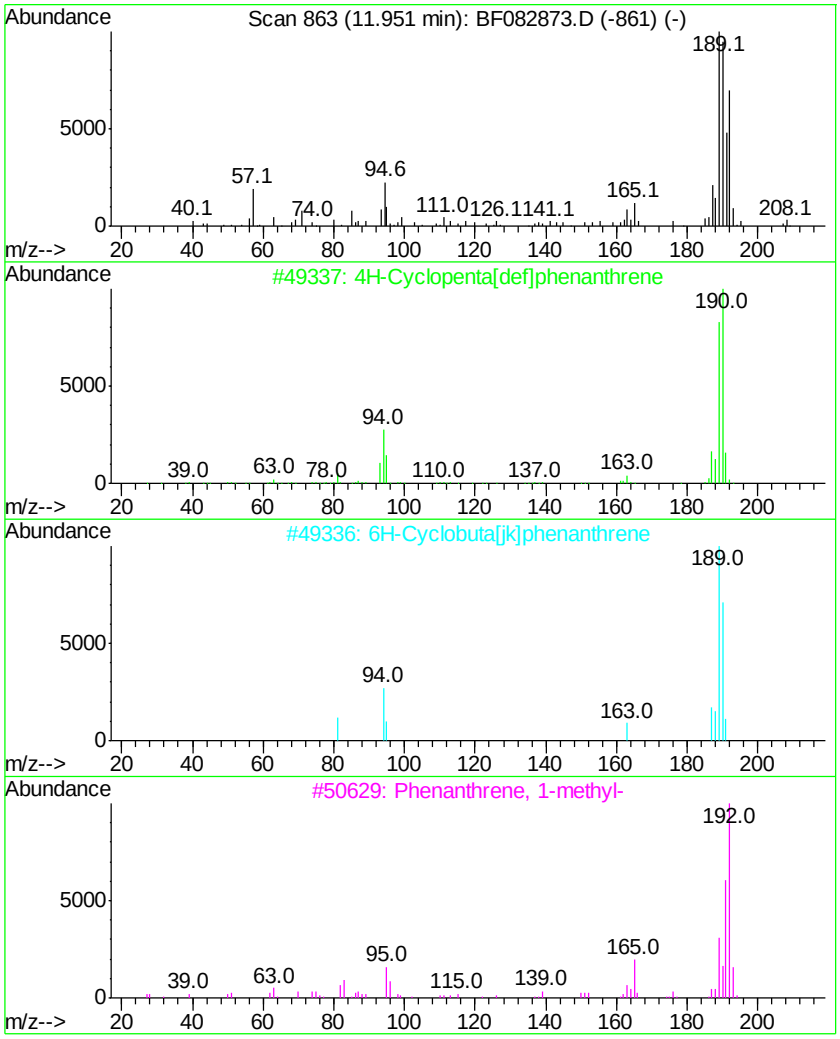
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

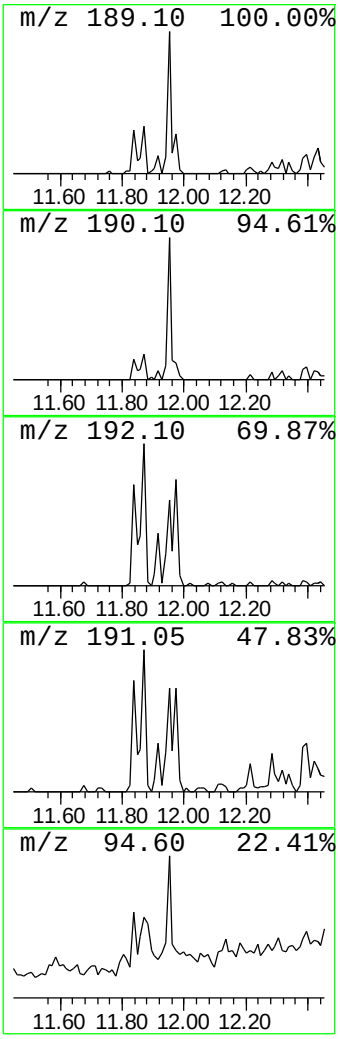
**********

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.95 | 2.09 ng | 258694 | Phenanthrene-d10 | 11.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 70 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 43 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 35 |
| 4 | Benzene, 1,1'-(1,2-propadienylid... | 192 | C15H12 | 014251-57-1 | 25 |
| 5 | 4,4'-Difluorobiphenyl | 190 | C12H8F2 | 000398-23-2 | 25 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

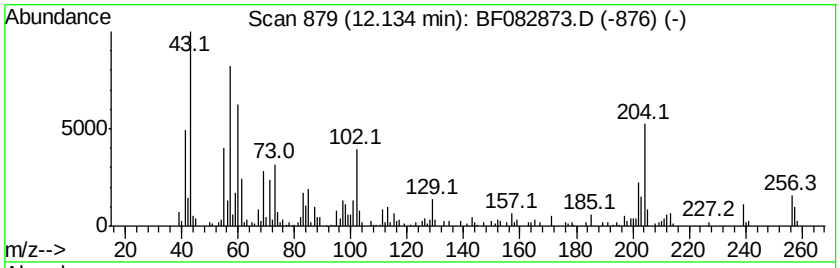
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

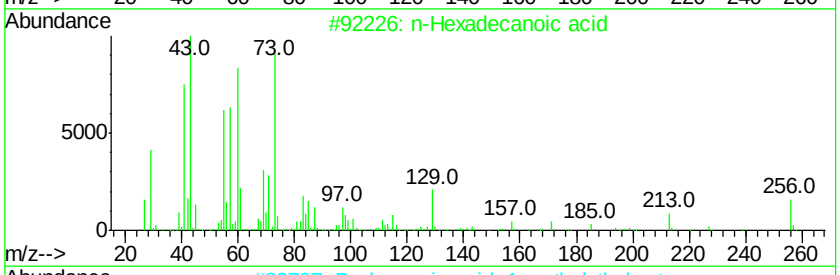
**********

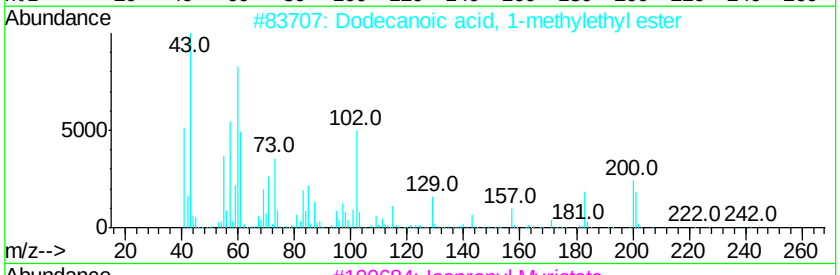
Peak Number 6 unknown12.13 Concentration Rank 11

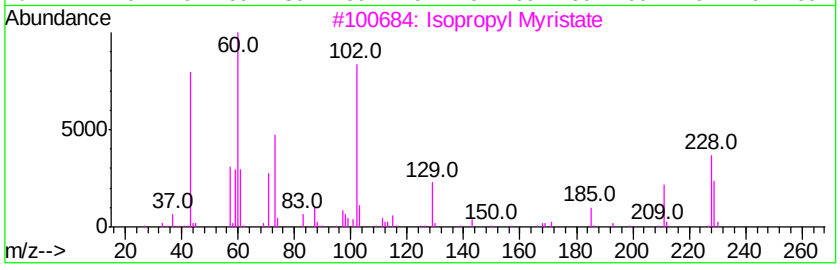
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.13 | 2.11 ng | 261227 | Phenanthrene-d10 | 11.33 |

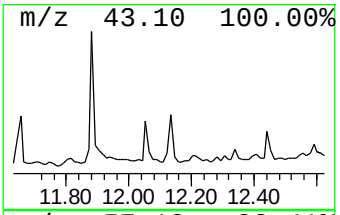
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 45 |
| 2 | Dodecanoic acid, 1-methylethyl e... | 242 | C15H30O2 | 010233-13-3 | 38 |
| 3 | Isopropyl Myristate | 270 | C17H34O2 | 000110-27-0 | 38 |
| 4 | Heptanoic acid, propyl ester | 172 | C10H20O2 | 007778-87-2 | 35 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 25 |

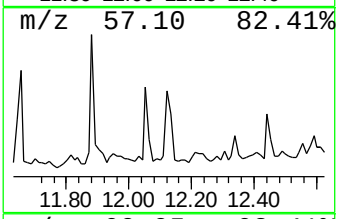


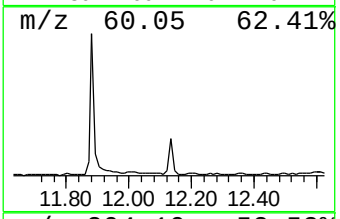



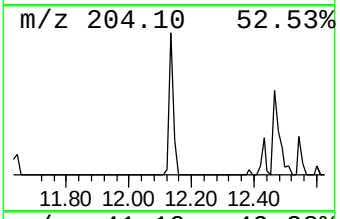



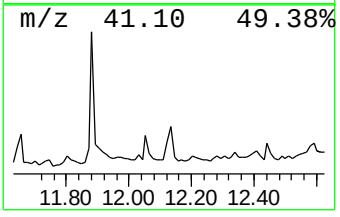



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

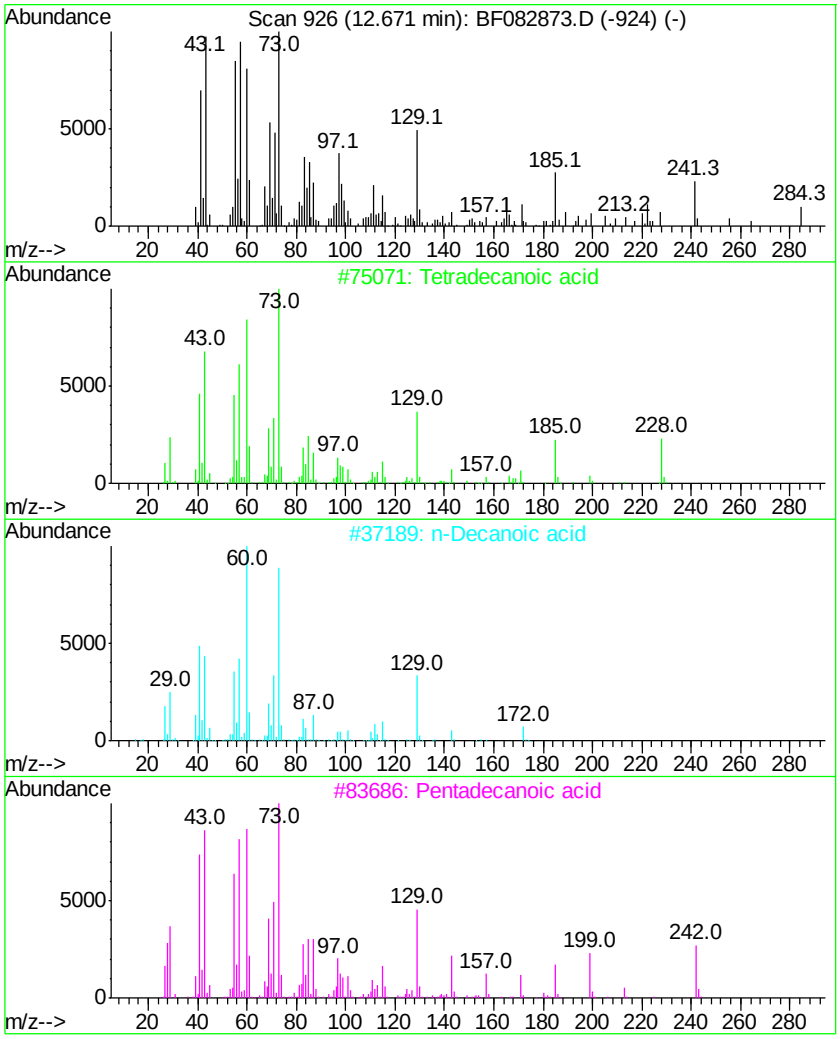
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

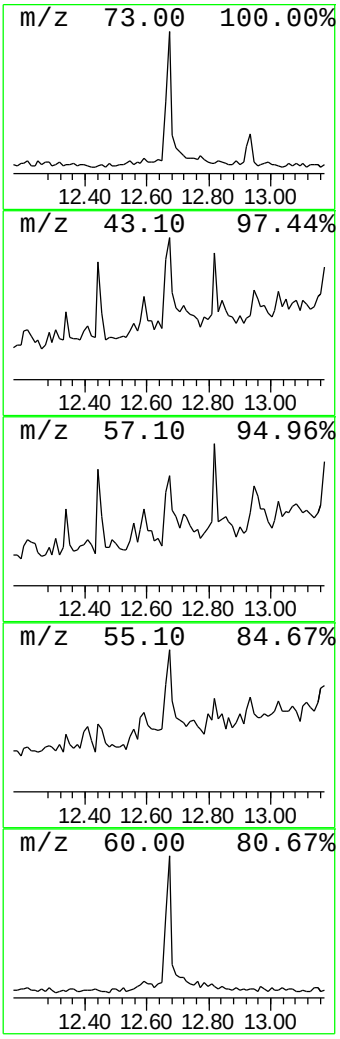
**********

Peak Number 7 Tetradecanoic acid Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.67 | 3.02 ng | 349735 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 58 |
| 2 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 55 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 52 |
| 4 | 11-Bromoundecanoic acid | 264 | C11H21BrO2 | 002834-05-1 | 35 |
| 5 | Ethanone, 1-(4,5-dihydro-2-thiaz... | 129 | C5H7NOS | 029926-41-8 | 35 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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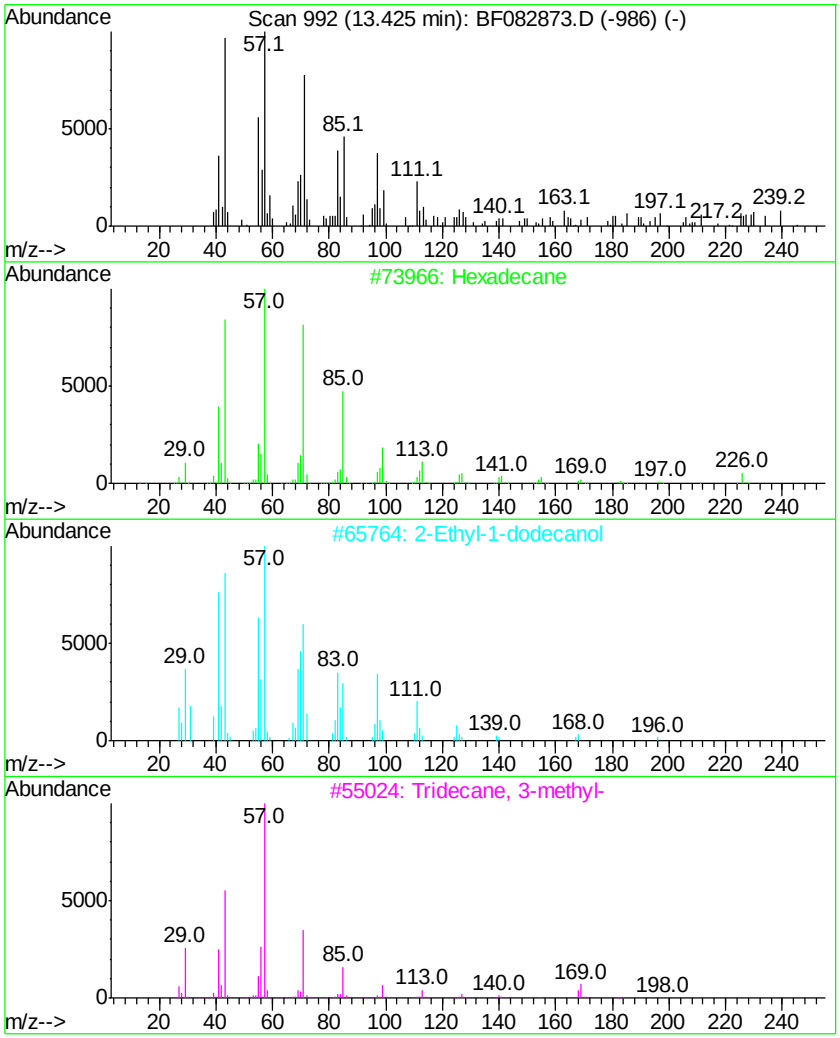
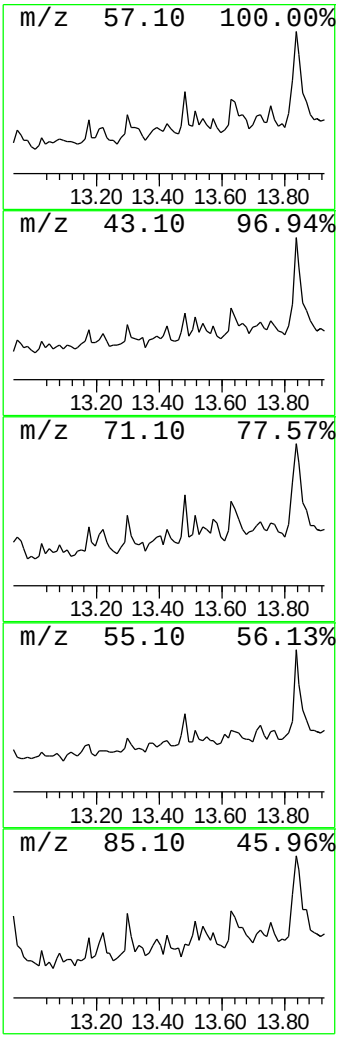
Peak Number 8 Hexadecane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.43 | 2.28 ng | 264176 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | 2-Ethyl-1-dodecanol | 214 | C14H30O | 019780-33-7 | 64 |
| 3 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 49 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 49 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 47 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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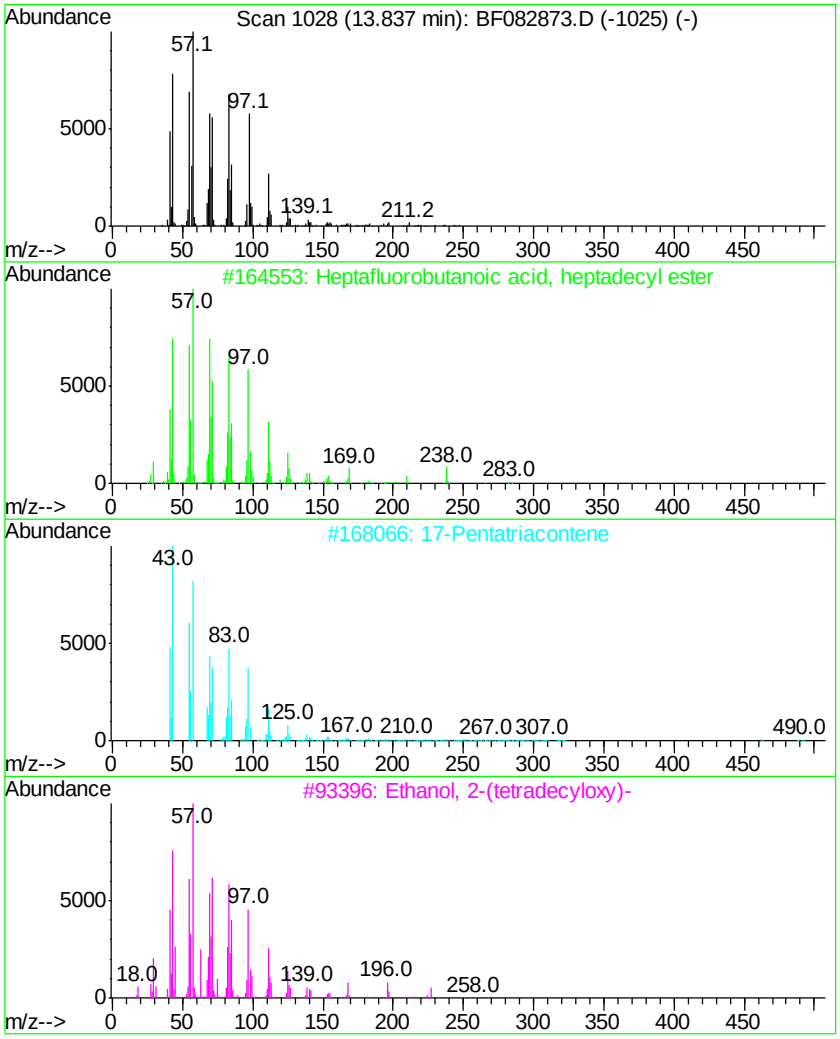
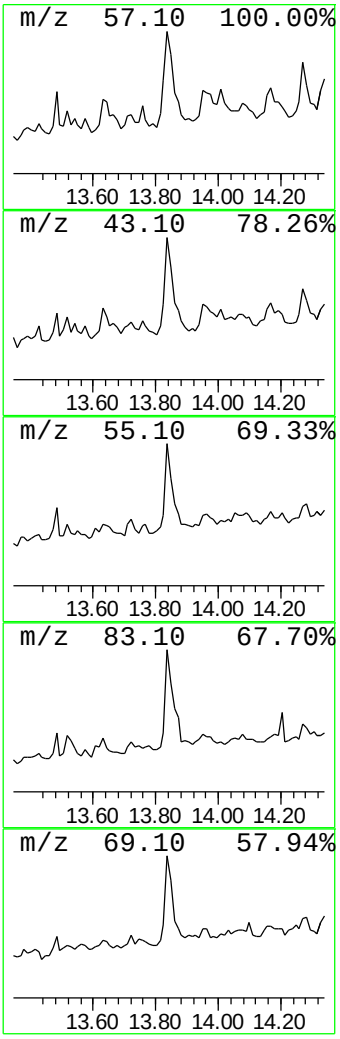
Peak Number 9 Heptafluorobutanoic acid, h... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.84 | 6.64 ng | 767750 | Chrysene-d12 | 13.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptafluorobutanoic acid, heptad... | 452 | C21H35F7O2 | 1000282-97-3 | 91 |
| 2 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 90 |
| 3 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 87 |
| 4 | 1-Hexadecanol | 242 | C16H34O | 036653-82-4 | 76 |
| 5 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 74 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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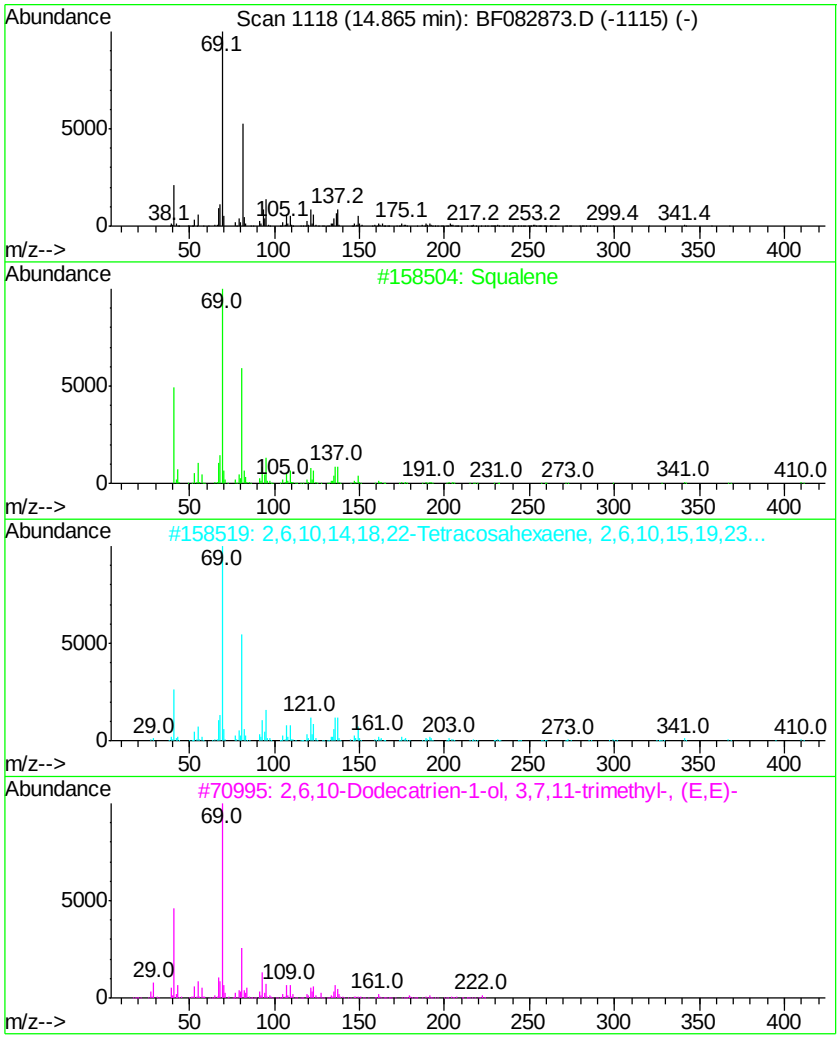
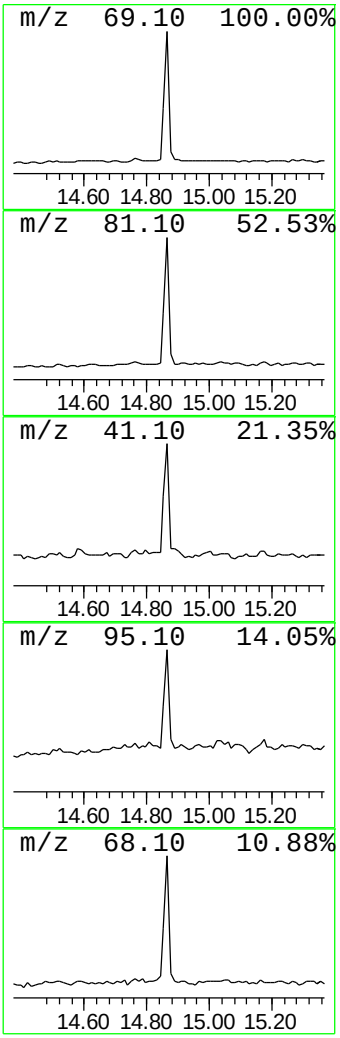
Peak Number 10 Squalene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.87 | 9.92 ng | 778792 | Perylene-d12 | 15.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalene | 410 | C30H50 | 007683-64-9 | 91 |
| 2 | 2,6,10,14,18,22-Tetracosahexaene... | 410 | C30H50 | 000111-02-4 | 90 |
| 3 | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 222 | C15H26O | 000106-28-5 | 78 |
| 4 | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 264 | C17H28O2 | 004128-17-0 | 72 |
| 5 | 2,3,5-Trimethyl-2,3,5-hexanetric... | 203 | C12H17N3 | 003974-79-6 | 53 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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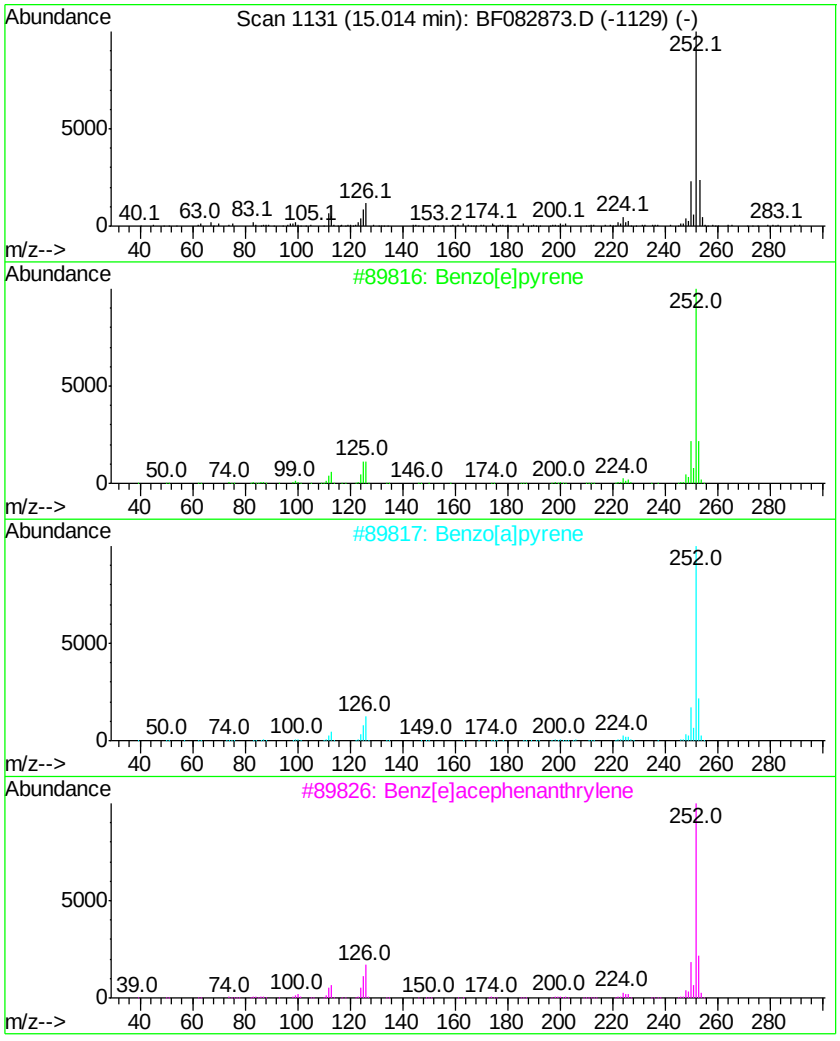
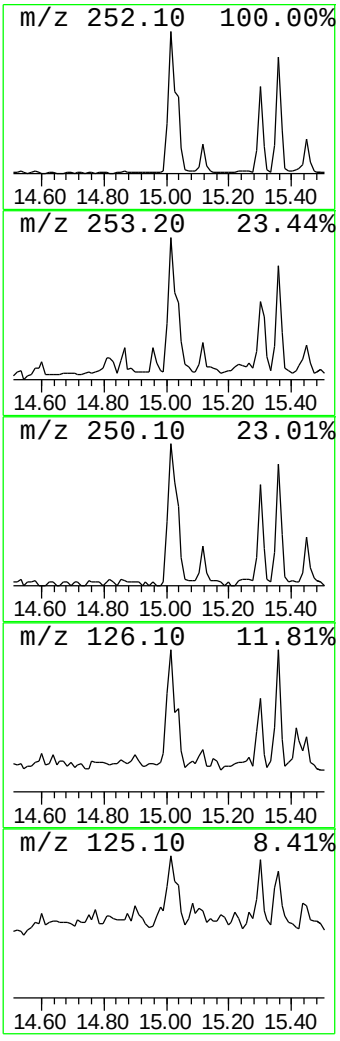
Peak Number 11 Benzo[e]pyrene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.01 | 5.21 ng | 408793 | Perylene-d12 | 15.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 96 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 95 |
| 3 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 90 |
| 4 | Perylene | 252 | C20H12 | 000198-55-0 | 81 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 81 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
Data File : BF082873.D
Acq On : 10 Nov 2015 16:53
Operator : UM/IZ
Sample : G4347-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CWC-6-20151109

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-hy... | 4.99 | 48.8 | ng | 3469600 | 1 | 6.82 | 1422420 | 20.0 |
| unknown6.59 | 6.59 | 99.8 | ng | 7094540 | 1 | 6.82 | 1422420 | 20.0 |
| n-Hexadecanoic acid | 11.88 | 5.3 | ng | 653262 | 4 | 11.33 | 2473810 | 20.0 |
| 4H-Cyclopenta[def... | 11.95 | 2.1 | ng | 258694 | 4 | 11.33 | 2473810 | 20.0 |
| unknown12.13 | 12.13 | 2.1 | ng | 261227 | 4 | 11.33 | 2473810 | 20.0 |
| Tetradecanoic acid | 12.67 | 3.0 | ng | 349735 | 5 | 13.97 | 2313130 | 20.0 |
| Hexadecane | 13.43 | 2.3 | ng | 264176 | 5 | 13.97 | 2313130 | 20.0 |
| Heptafluorobutano... | 13.84 | 6.6 | ng | 767750 | 5 | 13.97 | 2313130 | 20.0 |
| Squalene | 14.87 | 9.9 | ng | 778792 | 6 | 15.43 | 1570460 | 20.0 |
| Benzo[e]pyrene | 15.01 | 5.2 | ng | 408793 | 6 | 15.43 | 1570460 | 20.0 |