LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

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-BF113017.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 | 5.063 | 503 | 506 | 515 | rBV | 36808 | 38405 | 6.48% | 0.582% |
| 2 | 5.469 | 571 | 575 | 585 | rBV | 536024 | 492793 | 83.17% | 7.466% |
| 3 | 6.480 | 743 | 747 | 758 | rBV | 618347 | 539571 | 91.06% | 8.175% |
| 4 | 6.622 | 767 | 771 | 774 | rBV | 667985 | 536151 | 90.48% | 8.123% |
| 5 | 6.851 | 807 | 810 | 814 | rBV | 375760 | 322665 | 54.45% | 4.889% |
| 6 | 7.010 | 833 | 837 | 840 | rBV | 489070 | 409073 | 69.04% | 6.198% |
| 7 | 7.257 | 876 | 879 | 884 | rBB | 22292 | 19488 | 3.29% | 0.295% |
| 8 | 7.416 | 902 | 906 | 909 | rBV | 385521 | 302716 | 51.09% | 4.586% |
| 9 | 8.133 | 1025 | 1028 | 1032 | rBV | 460625 | 395238 | 66.70% | 5.988% |
| 10 | 9.210 | 1207 | 1211 | 1214 | rBV | 742899 | 592542 | 100.00% | 8.977% |
| 11 | 9.604 | 1274 | 1278 | 1283 | rBB | 15152 | 13509 | 2.28% | 0.205% |
| 12 | 9.810 | 1308 | 1313 | 1318 | rBV | 11045 | 11033 | 1.86% | 0.167% |
| 13 | 9.892 | 1323 | 1327 | 1331 | rBV | 435626 | 352121 | 59.43% | 5.335% |
| 14 | 10.680 | 1458 | 1461 | 1464 | rBV | 289863 | 240510 | 40.59% | 3.644% |
| 15 | 10.786 | 1476 | 1479 | 1483 | rBV | 8350 | 9189 | 1.55% | 0.139% |
| 16 | 10.915 | 1498 | 1501 | 1509 | rVB3 | 4240 | 8075 | 1.36% | 0.122% |
| 17 | 11.151 | 1538 | 1541 | 1544 | rBV | 33261 | 28681 | 4.84% | 0.435% |
| 18 | 11.233 | 1551 | 1555 | 1558 | rBV | 8000 | 7404 | 1.25% | 0.112% |
| 19 | 11.380 | 1576 | 1580 | 1583 | rBV | 353309 | 291842 | 49.25% | 4.422% |
| 20 | 11.674 | 1626 | 1630 | 1635 | rVB | 6860 | 7861 | 1.33% | 0.119% |
| 21 | 11.898 | 1664 | 1668 | 1672 | rBV | 30292 | 29275 | 4.94% | 0.444% |
| 22 | 12.068 | 1693 | 1697 | 1701 | rBV2 | 5881 | 7168 | 1.21% | 0.109% |
| 23 | 12.680 | 1796 | 1801 | 1805 | rBV4 | 7400 | 9655 | 1.63% | 0.146% |
| 24 | 12.962 | 1845 | 1849 | 1852 | rBV | 549001 | 449708 | 75.89% | 6.813% |
| 25 | 13.645 | 1962 | 1965 | 1968 | rBV4 | 7741 | 9825 | 1.66% | 0.149% |
| 26 | 13.780 | 1983 | 1988 | 1989 | rBV5 | 6308 | 9493 | 1.60% | 0.144% |
| 27 | 13.821 | 1991 | 1995 | 1997 | rVV | 111974 | 107217 | 18.09% | 1.624% |
| 28 | 13.851 | 1997 | 2000 | 2005 | rVB | 39700 | 46568 | 7.86% | 0.706% |
| 29 | 13.986 | 2020 | 2023 | 2026 | rBV | 57075 | 51346 | 8.67% | 0.778% |
| 30 | 14.021 | 2026 | 2029 | 2034 | rVB | 405333 | 356528 | 60.17% | 5.402% |
| 31 | 14.103 | 2040 | 2043 | 2045 | rBV3 | 13143 | 13180 | 2.22% | 0.200% |
| 32 | 14.145 | 2047 | 2050 | 2053 | rVV | 90608 | 84609 | 14.28% | 1.282% |
| 33 | 14.186 | 2054 | 2057 | 2060 | rVV | 151004 | 131641 | 22.22% | 1.994% |
| 34 | 14.215 | 2060 | 2062 | 2064 | rVV | 45135 | 37268 | 6.29% | 0.565% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

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-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 14.239 | 2064 | 2066 | 2070 | rVB | 54414 | 44006 | 7.43% | 0.667% |
| 36 | 14.474 | 2104 | 2106 | 2109 | rBV | 23757 | 27400 | 4.62% | 0.415% |
| 37 | 14.533 | 2113 | 2116 | 2119 | rBV3 | 23558 | 25391 | 4.29% | 0.385% |
| 38 | 14.856 | 2169 | 2171 | 2177 | rVB2 | 20885 | 23607 | 3.98% | 0.358% |
| 39 | 15.498 | 2275 | 2280 | 2285 | rBV | 236621 | 289076 | 48.79% | 4.380% |
| 40 | 15.933 | 2350 | 2354 | 2359 | rVB2 | 30706 | 40630 | 6.86% | 0.616% |
| 41 | 16.727 | 2487 | 2489 | 2494 | rVB5 | 9306 | 12310 | 2.08% | 0.187% |
| 42 | 17.027 | 2536 | 2540 | 2545 | rVB2 | 35378 | 62898 | 10.61% | 0.953% |
| 43 | 17.127 | 2553 | 2557 | 2565 | rVB9 | 18260 | 37733 | 6.37% | 0.572% |
| 44 | 18.568 | 2795 | 2802 | 2809 | rVB10 | 24962 | 74902 | 12.64% | 1.135% |

Sum of corrected areas: 6600301

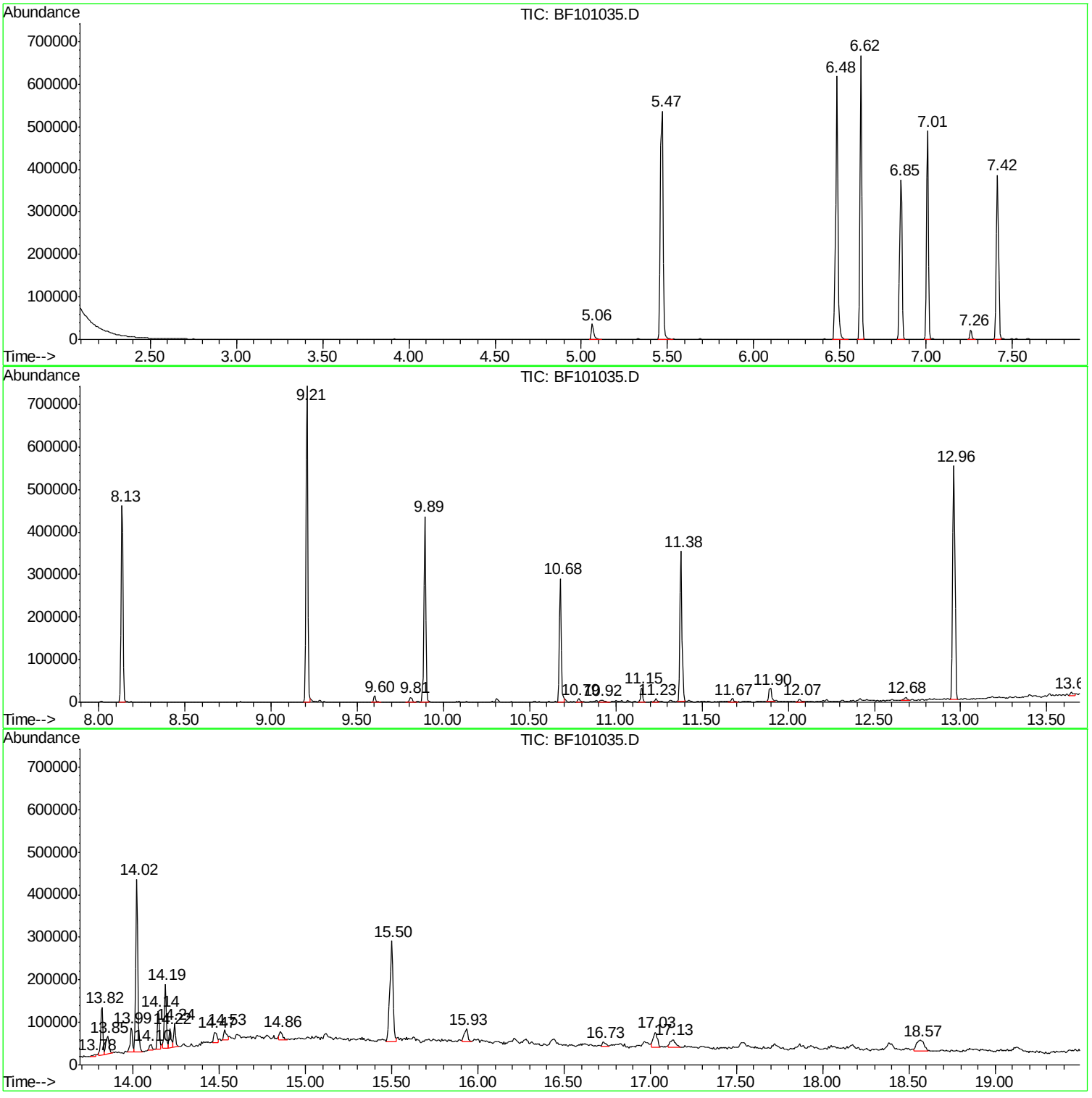
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

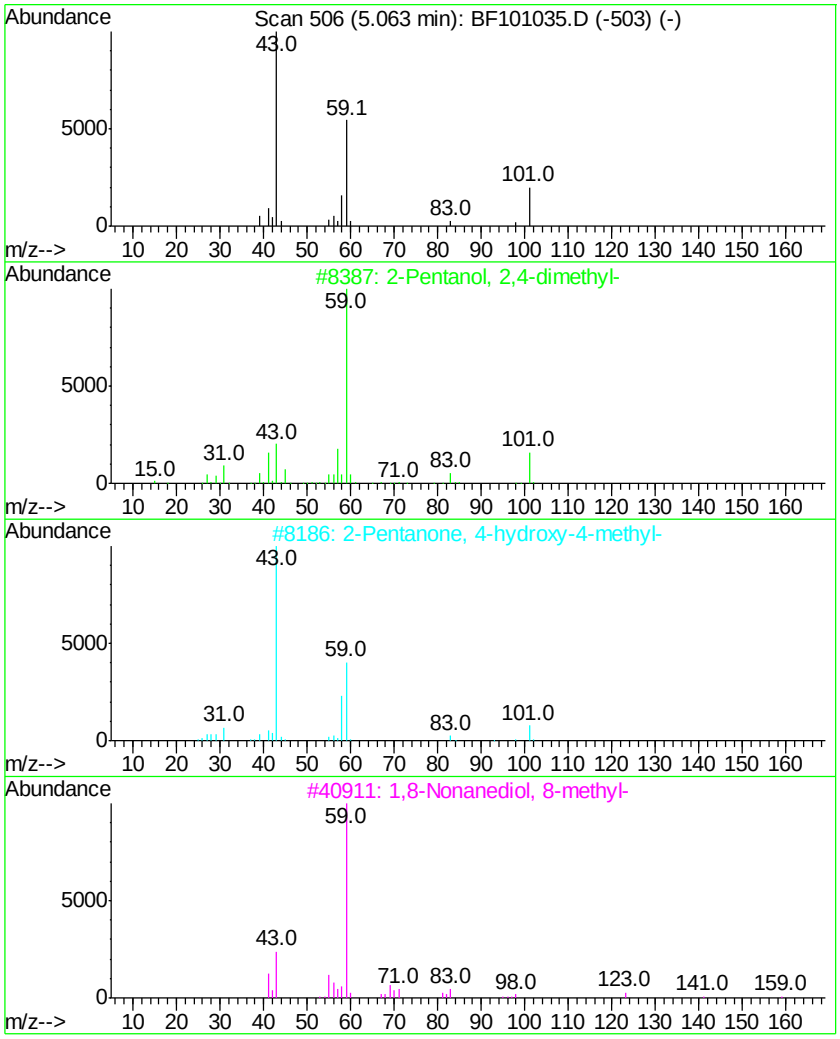
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

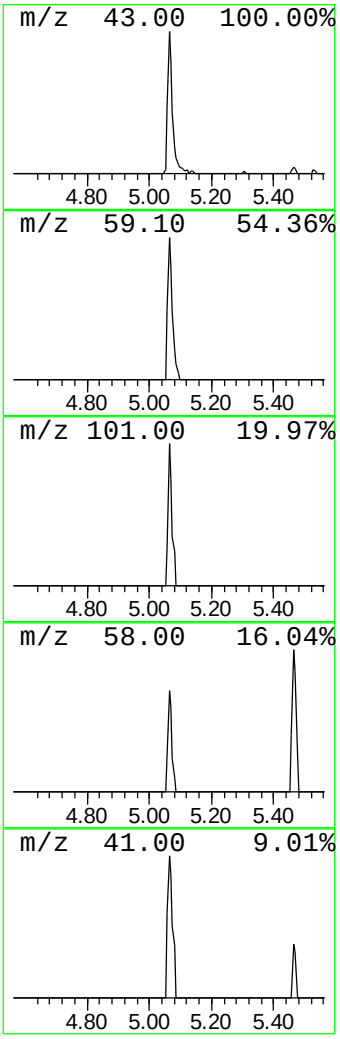
**********

Peak Number 1 2-Pentanol, 2,4-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.06 | 2.38 ng | 38405 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000625-06-9 | 59 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 3 | 1,8-Nonanediol, 8-methyl- | 174 | C10H22O2 | 054725-73-4 | 32 |
| 4 | 3-Hexanol, 4-methyl- | 116 | C7H16O | 000615-29-2 | 28 |
| 5 | 2-Propyn-1-ol, acetate | 98 | C5H6O2 | 000627-09-8 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

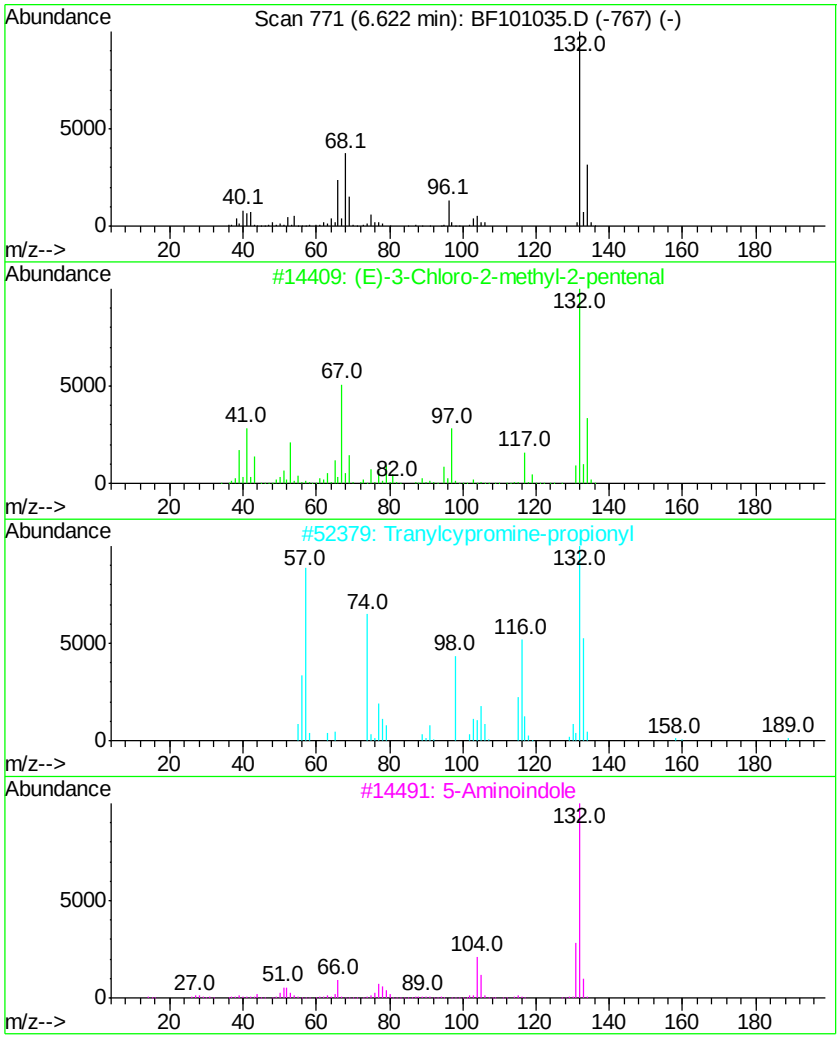
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

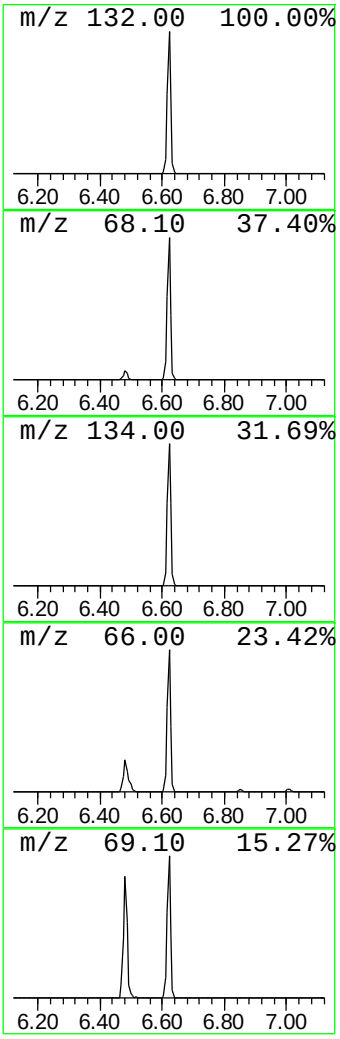
**********

Peak Number 2 unknown6.62 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.62 | 33.23 ng | 536151 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 17 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |
| 3 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 12 |
| 4 | 4-Chloro-2-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-00-5 | 9 |
| 5 | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2 | 022291-85-6 | 9 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

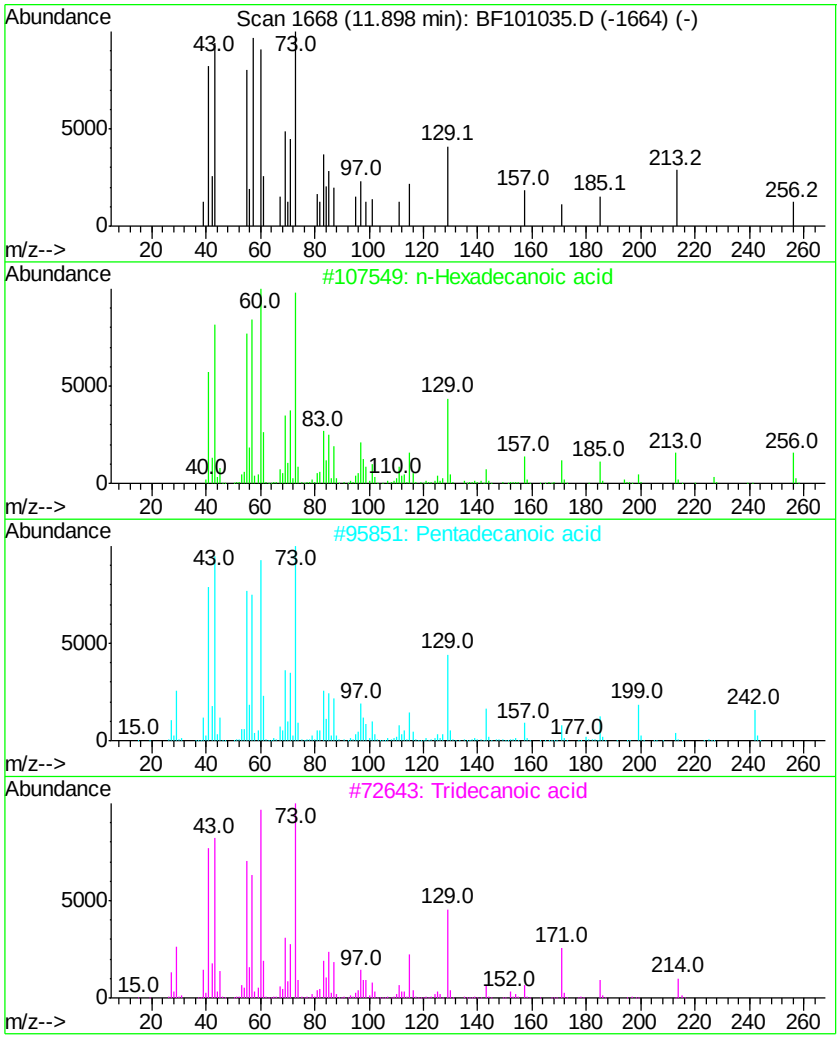
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

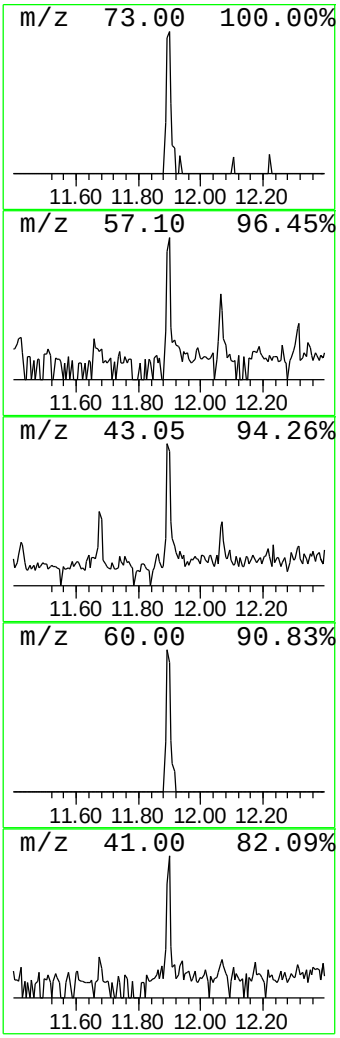
**********

Peak Number 4 n-Hexadecanoic acid Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.90 | 2.01 ng | 29275 | Phenanthrene-d10 | 11.38 |

| 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 | 87 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 64 |
| 4 | .beta.-D-Mannofuranoside, 1-O-(1... | 332 | C17H32O6 | 1000155-29-9 | 14 |
| 5 | Oxalic acid, isobutyl tetradecyl... | 342 | C20H38O4 | 1000309-37-9 | 14 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

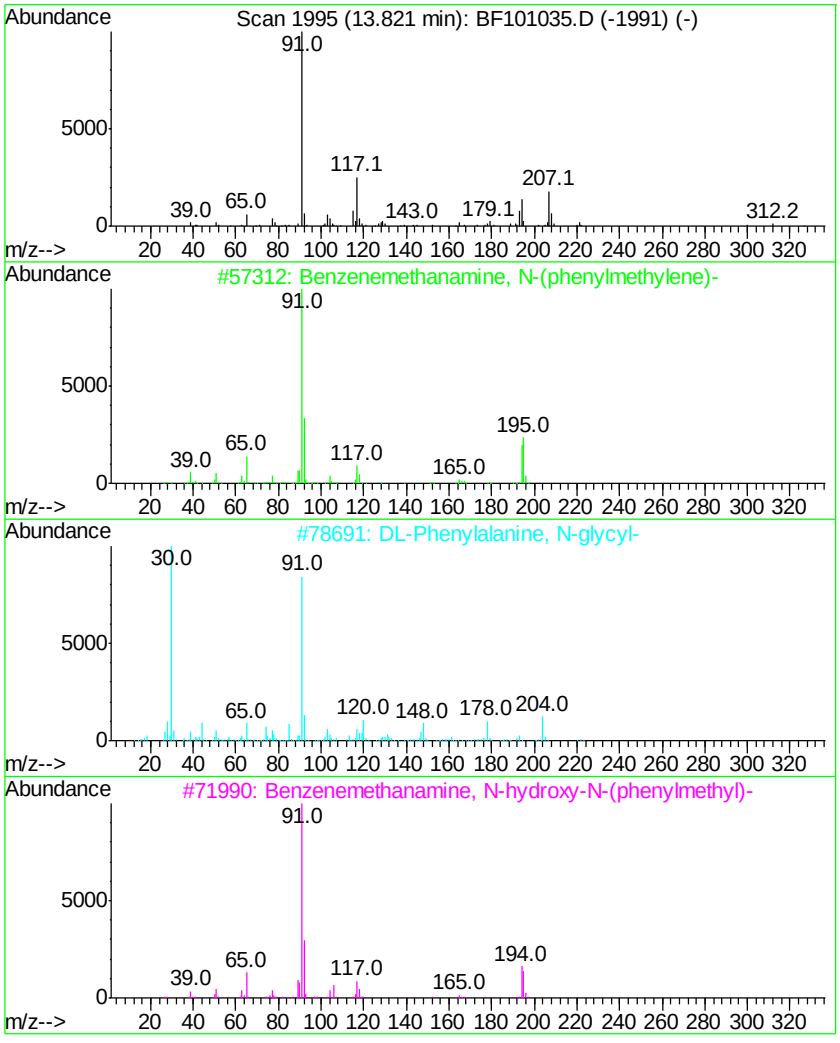
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

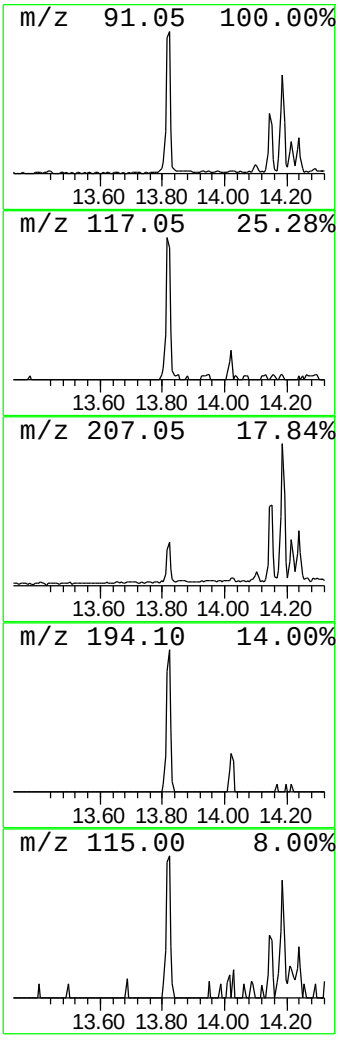
**********

Peak Number 5 unknown13.82 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.82 | 6.01 ng | 107217 | Chrysene-d12 | 14.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenemethanamine, N-(phenylmet... | 195 | C14H13N | 000780-25-6 | 32 |
| 2 | DL-Phenylalanine, N-glycyl- | 222 | C11H14N2O3 | 000721-66-4 | 25 |
| 3 | Benzenemethanamine, N-hydroxy-N-... | 213 | C14H15NO | 000621-07-8 | 23 |
| 4 | Benzonitrile, m-phenethyl- | 207 | C15H13N | 034176-91-5 | 16 |
| 5 | N-Benzyl-1H-benzimidazole | 208 | C14H12N2 | 004981-92-4 | 10 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

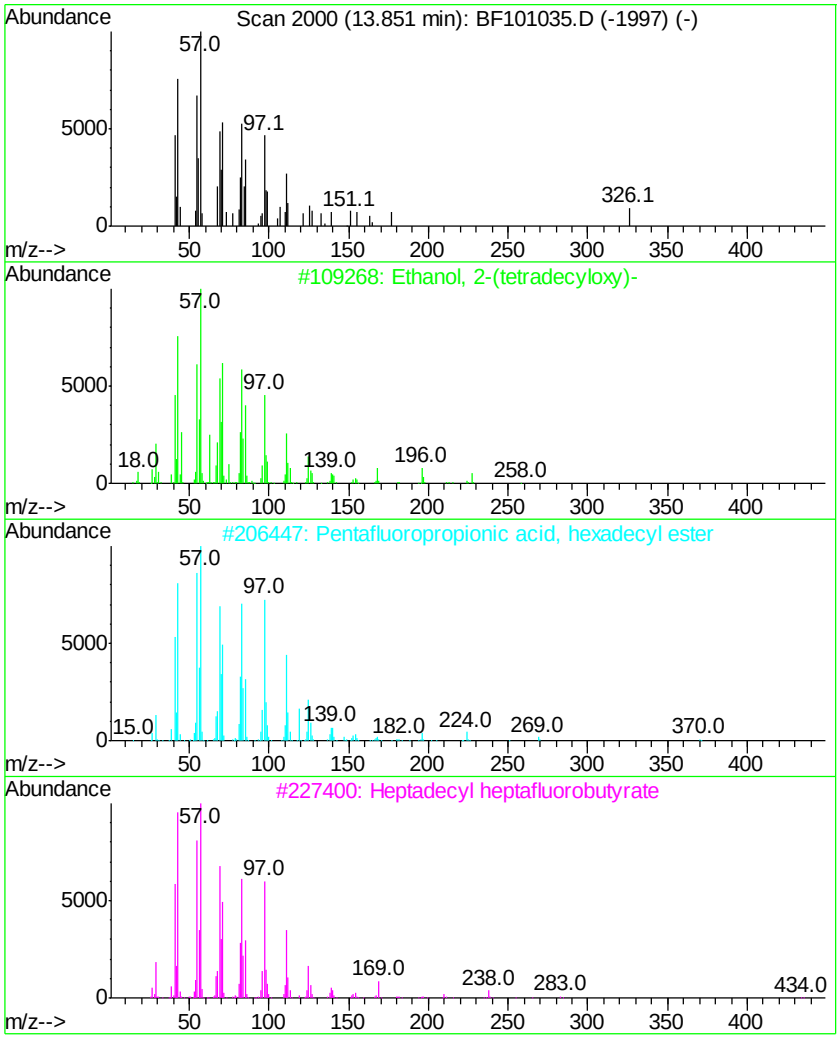
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

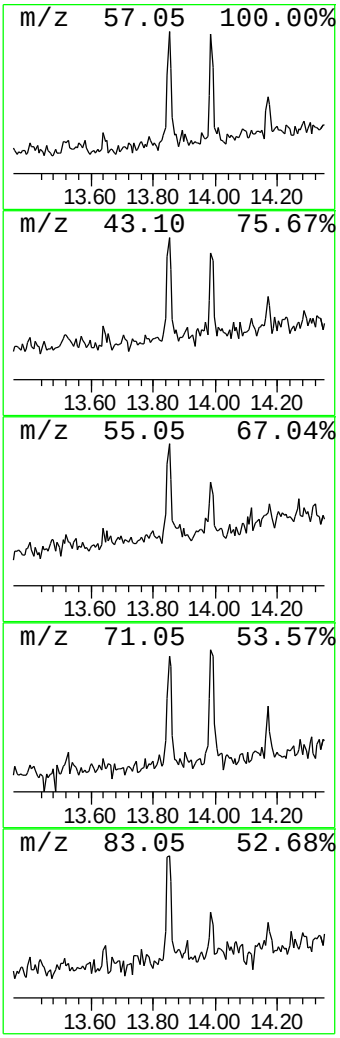
**********

Peak Number 6 Ethanol, 2-(tetradecyloxy)- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.85 | 2.61 ng | 46568 | Chrysene-d12 | 14.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 90 |
| 2 | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 87 |
| 3 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 83 |
| 4 | 1-Dodecanol, 2-octyl- | 298 | C20H42O | 005333-42-6 | 80 |
| 5 | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 76 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

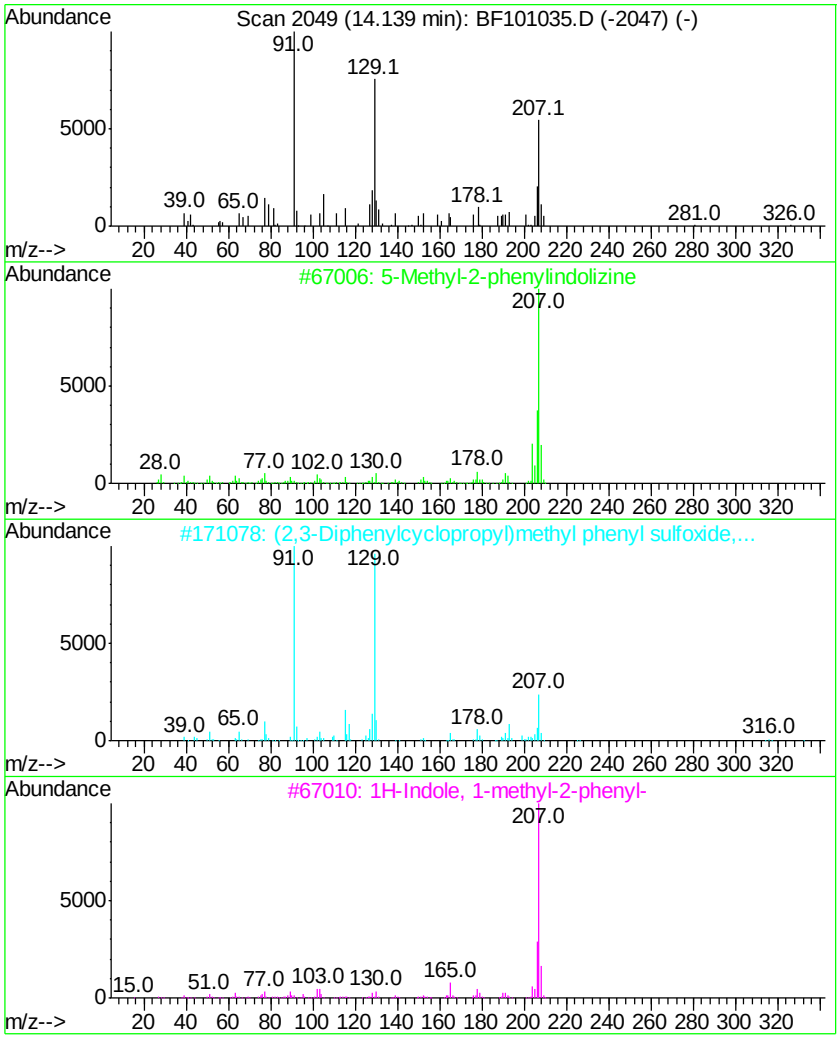
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

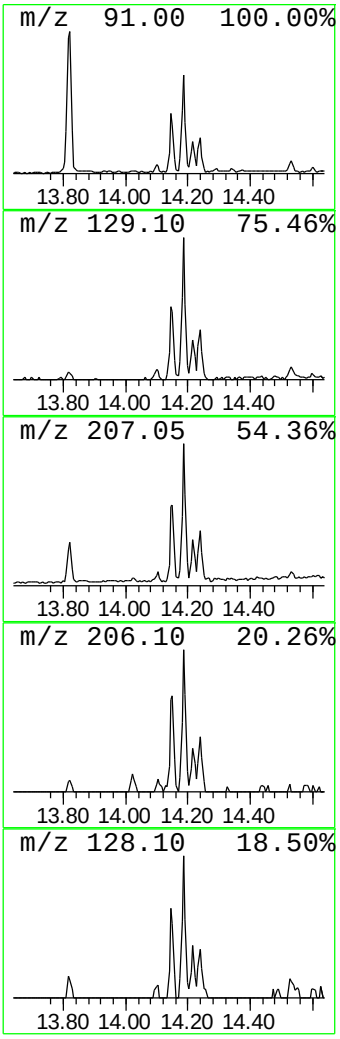
**********

Peak Number 7 5-Methyl-2-phenylindolizine Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.14 | 4.75 ng | 84609 | Chrysene-d12 | 14.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Methyl-2-phenylindolizine | 207 | C15H13N | 036944-99-7 | 60 |
| 2 | (2,3-Diphenylcyclopropyl)methyl ... | 332 | C22H20OS | 131758-71-9 | 56 |
| 3 | 1H-Indole, 1-methyl-2-phenyl- | 207 | C15H13N | 003558-24-5 | 55 |
| 4 | 1H-Indole, 2-methyl-3-phenyl- | 207 | C15H13N | 004757-69-1 | 49 |
| 5 | 1H-Indole, 5-methyl-2-phenyl- | 207 | C15H13N | 013228-36-9 | 43 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

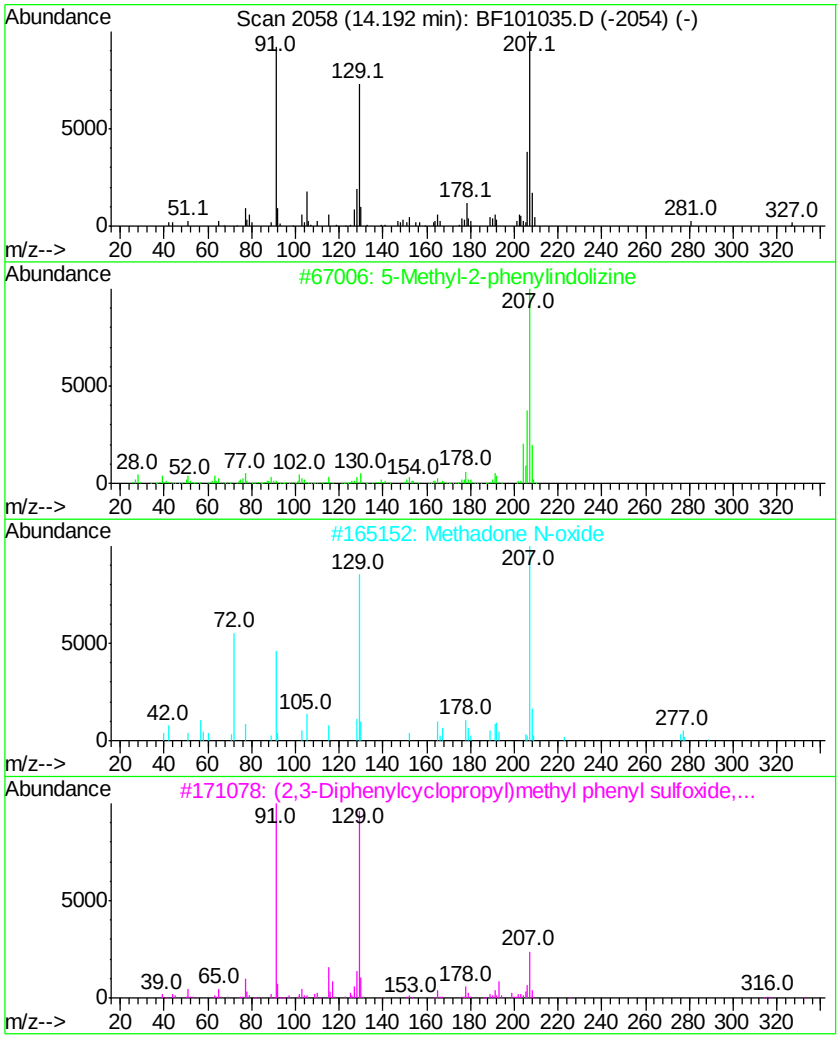
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

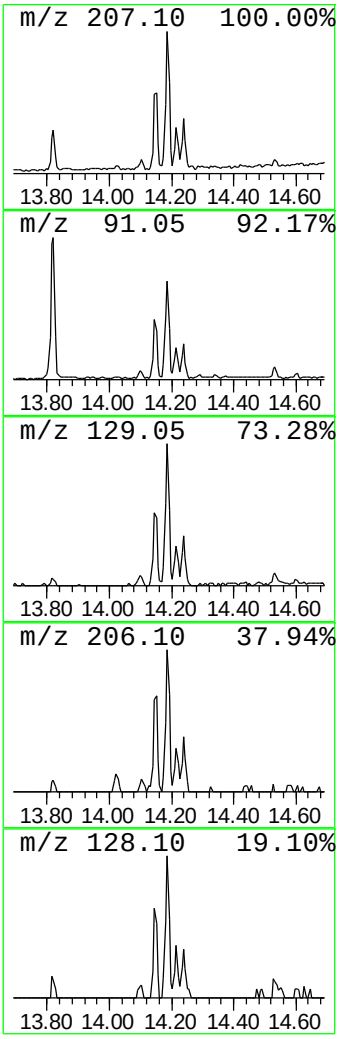
**********

Peak Number 8 unknown14.19 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.19 | 7.38 ng | 131641 | Chrysene-d12 | 14.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Methyl-2-phenylindolizine | 207 | C15H13N | 036944-99-7 | 45 |
| 2 | Methadone N-oxide | 325 | C21H27NO2 | 1000120-80-7 | 45 |
| 3 | (2,3-Diphenylcyclopropyl)methyl ... | 332 | C22H20OS | 131758-71-9 | 43 |
| 4 | 1H-Indole, 1-methyl-2-phenyl- | 207 | C15H13N | 003558-24-5 | 38 |
| 5 | 1H-Indole, 2-methyl-3-phenyl- | 207 | C15H13N | 004757-69-1 | 38 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

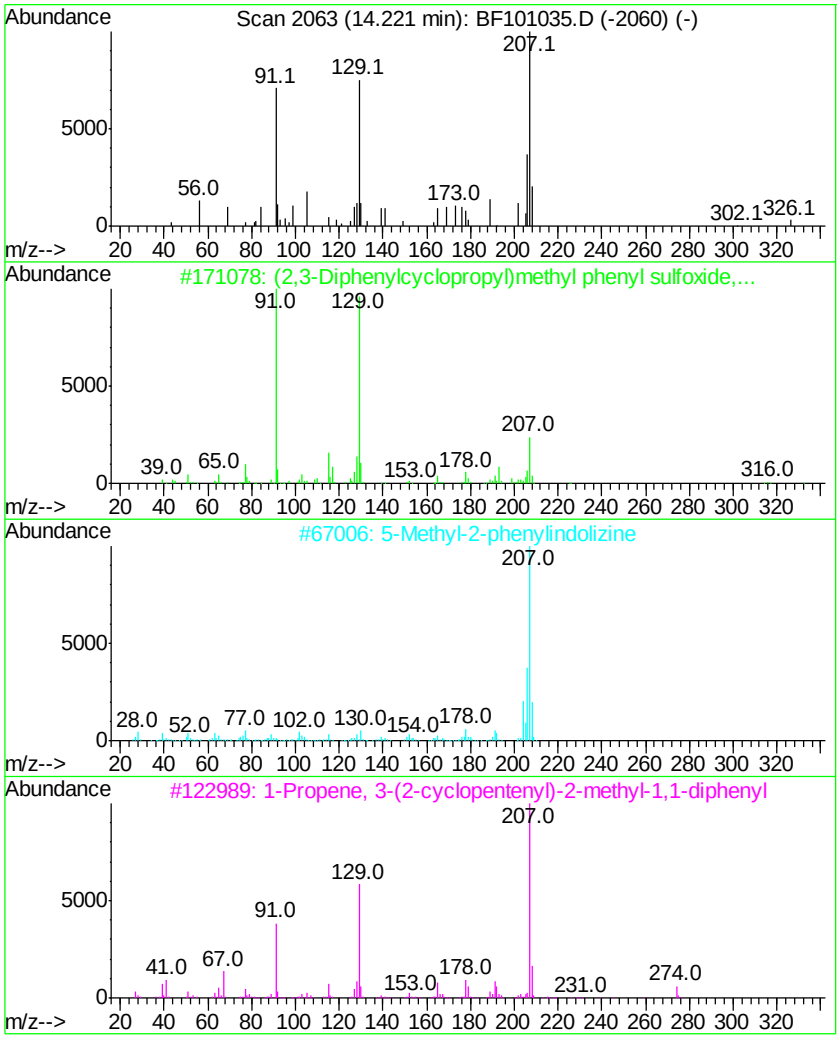
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

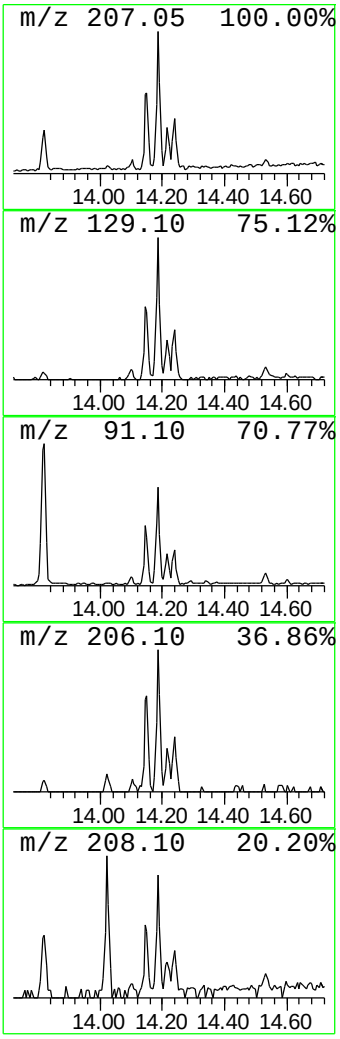
**********

Peak Number 9 (2,3-Diphenylcyclopropyl)me... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.22 | 2.09 ng | 37268 | Chrysene-d12 | 14.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (2,3-Diphenylcyclopropyl)methyl ... | 332 | C22H20OS | 131758-71-9 | 78 |
| 2 | 5-Methyl-2-phenylindolizine | 207 | C15H13N | 036944-99-7 | 60 |
| 3 | 1-Propene, 3-(2-cyclopentenyl)-2... | 274 | C21H22 | 1000154-23-3 | 53 |
| 4 | 1H-Indole, 2-methyl-3-phenyl- | 207 | C15H13N | 004757-69-1 | 49 |
| 5 | 1H-Indole, 1-methyl-2-phenyl- | 207 | C15H13N | 003558-24-5 | 46 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

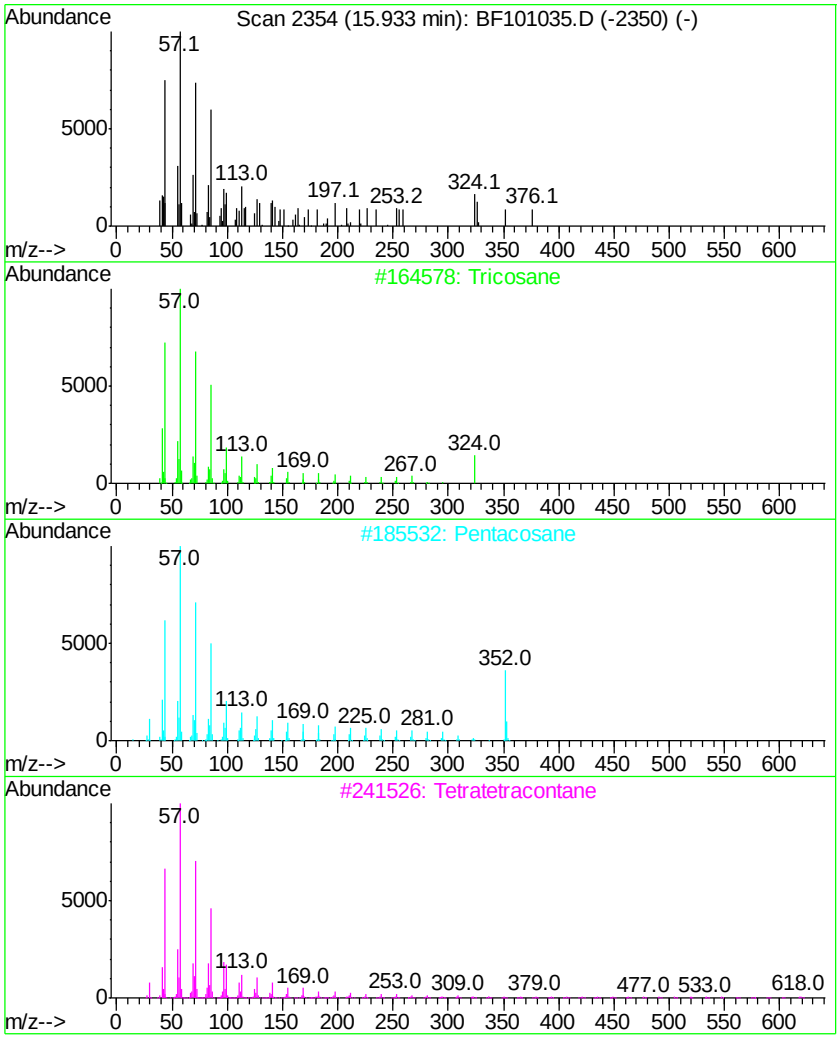
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

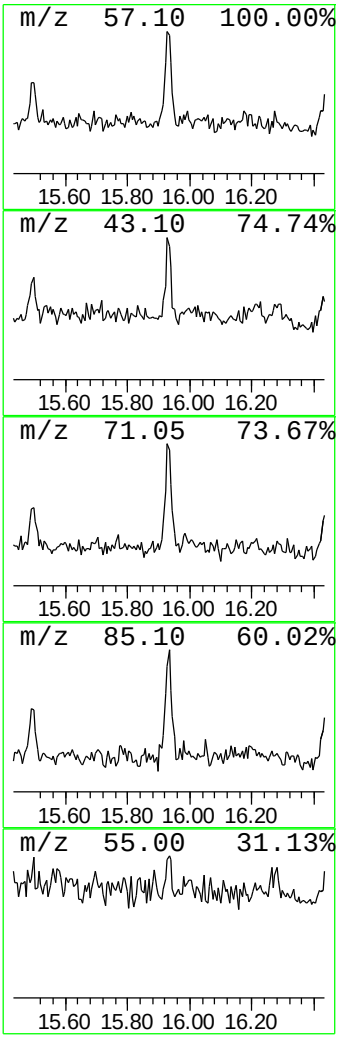
**********

Peak Number 11 Tricosane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.93 | 2.81 ng | 40630 | Perylene-d12 | 15.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricosane | 324 | C23H48 | 000638-67-5 | 76 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 59 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 53 |
| 4 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 53 |
| 5 | Octadecane, 3-ethyl-5-(2-ethylbu... | 366 | C26H54 | 055282-12-7 | 53 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

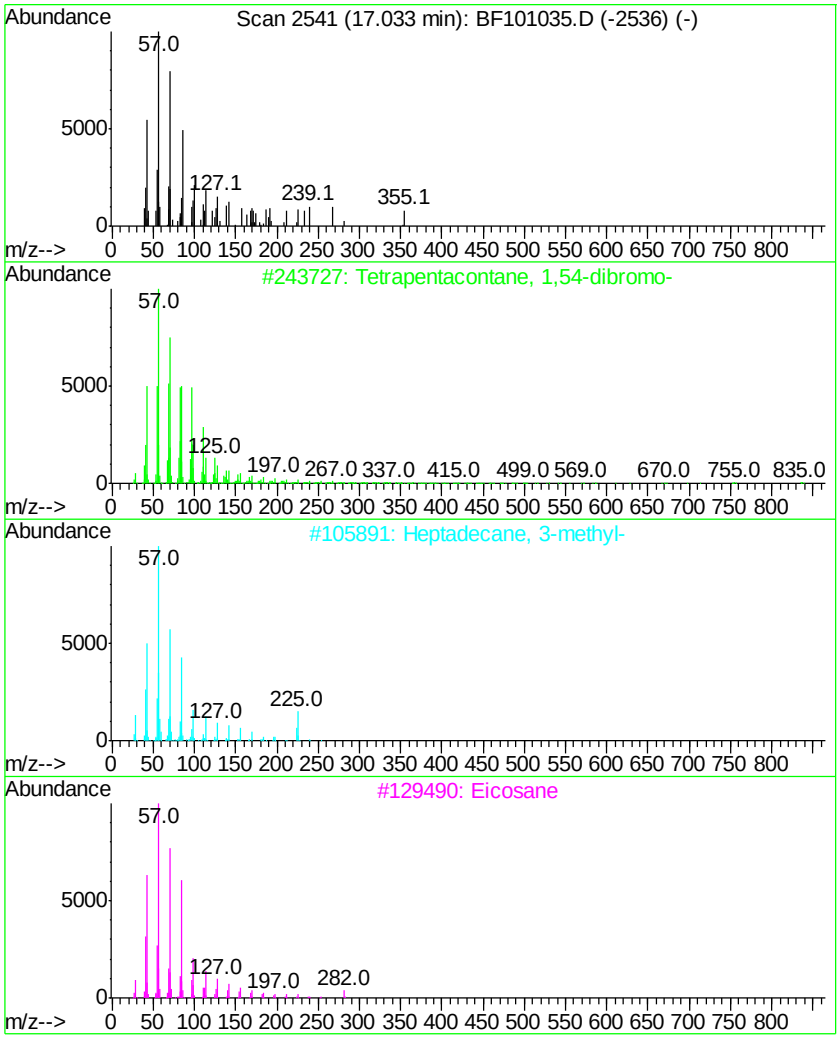
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

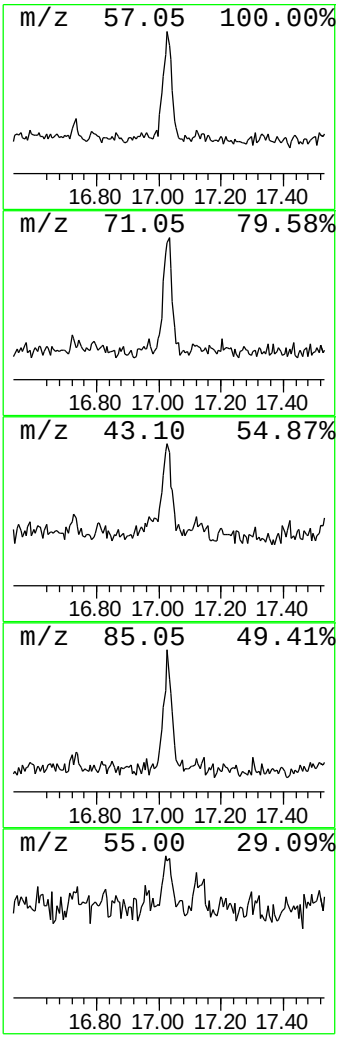
**********

Peak Number 12 Tetrapentacontane, 1,54-dib... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.03 | 4.35 ng | 62898 | Perylene-d12 | 15.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrapentacontane, 1,54-dibromo- | 915 | C54H108Br2 | 1000156-09-4 | 59 |
| 2 | Heptadecane, 3-methyl- | 254 | C18H38 | 006418-44-6 | 58 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 58 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 58 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 58 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

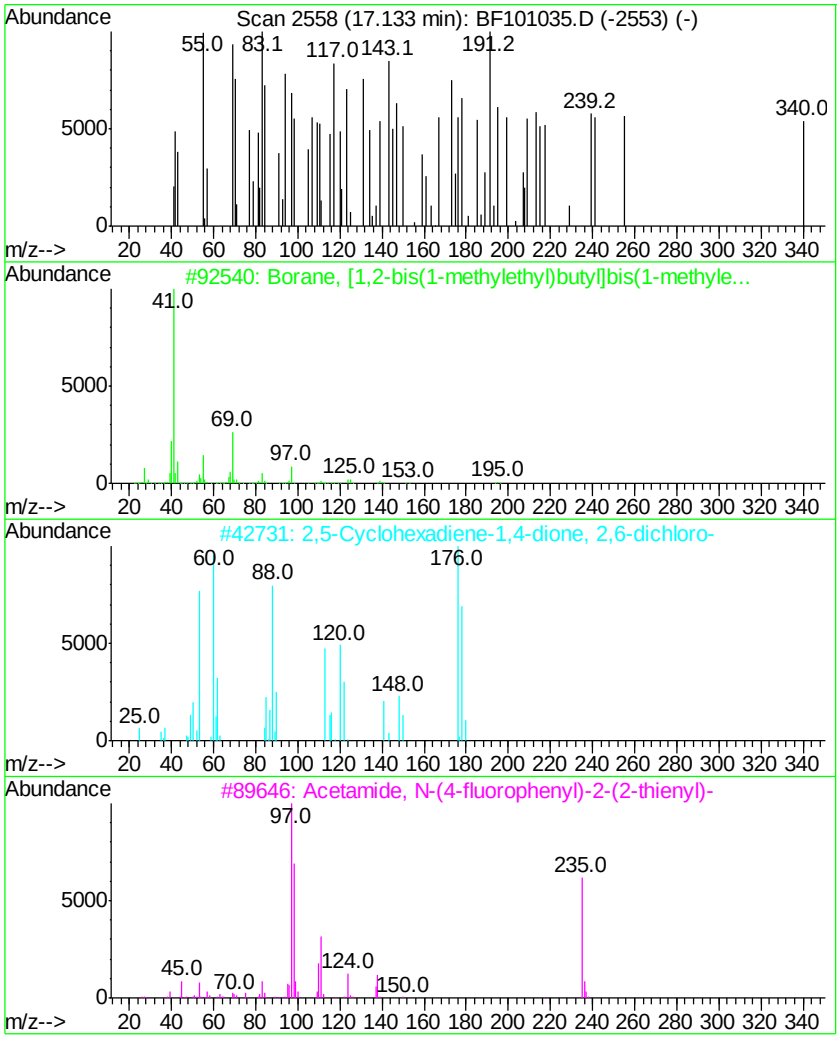
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

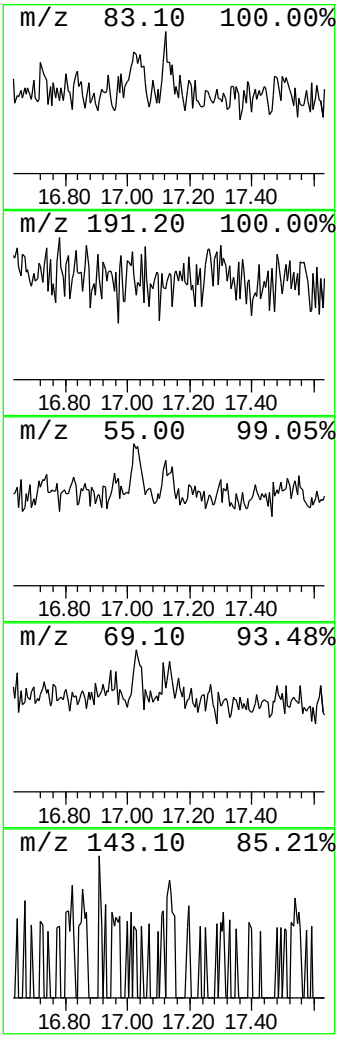
**********

Peak Number 13 unknown17.13 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.13 | 2.61 ng | 37733 | Perylene-d12 | 15.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Borane, [1,2-bis(1-methylethyl)b... | 238 | C16H35B | 074792-79-3 | 12 |
| 2 | 2,5-Cyclohexadiene-1,4-dione, 2,... | 176 | C6H2Cl2O2 | 000697-91-6 | 11 |
| 3 | Acetamide, N-(4-fluorophenyl)-2-... | 235 | C12H10FNOS | 1000306-90-1 | 10 |
| 4 | l-Alanine, N-(2-thienylacetyl)-,... | 255 | C12H17NO3S | 1000314-05-6 | 10 |
| 5 | 1H-Imidazole-1-acetic acid, 2-me... | 213 | C8H11N3O4 | 001016-40-6 | 10 |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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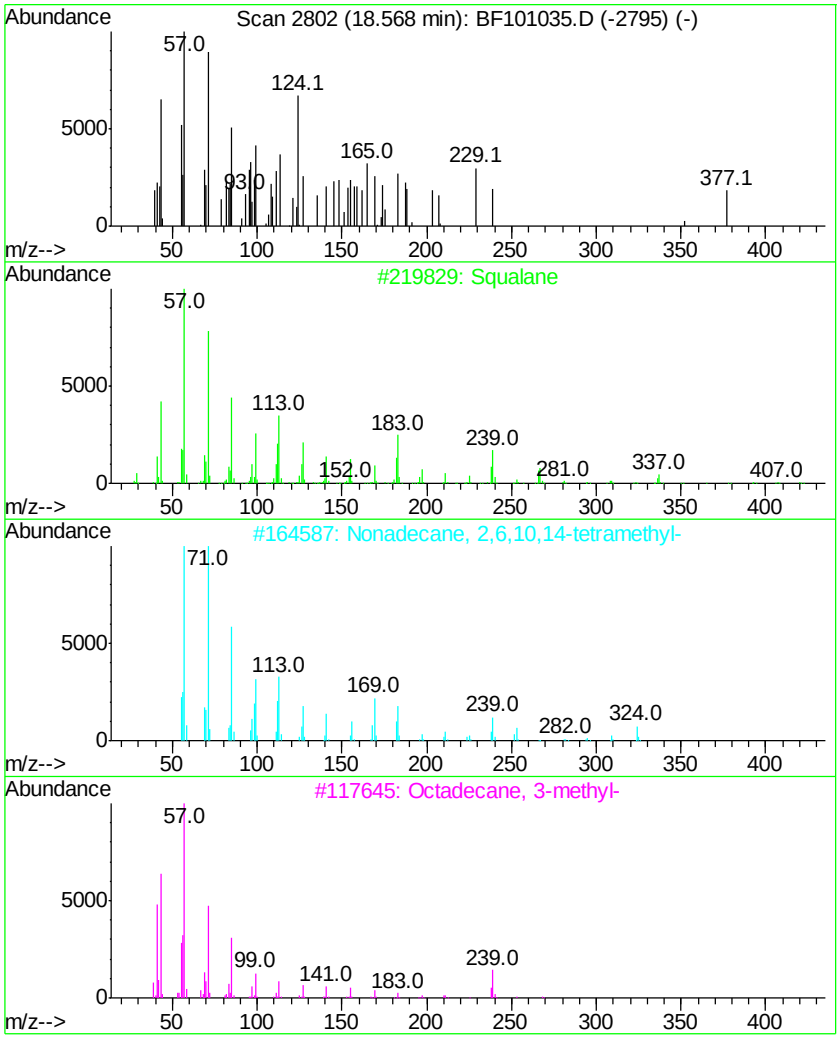
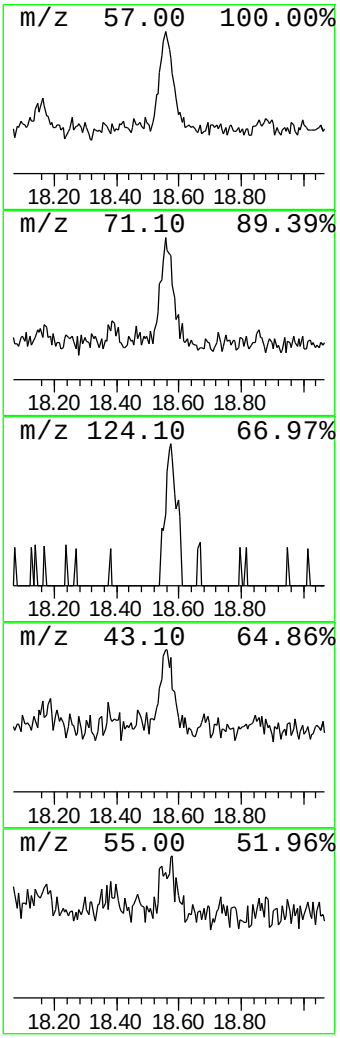
Peak Number 14 unknown18.57 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.57 | 5.18 ng | 74902 | Perylene-d12 | 15.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalane | 422 | C30H62 | 000111-01-3 | 46 |
| 2 | Nonadecane, 2,6,10,14-tetramethyl- | 324 | C23H48 | 055124-80-6 | 43 |
| 3 | Octadecane, 3-methyl- | 268 | C19H40 | 006561-44-0 | 38 |
| 4 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 35 |
| 5 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 35 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113017\
Data File : BF101035.D
Acq On : 30 Nov 2017 23:19
Operator : SJ/JU
Sample : I6630-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** P004-S001-0001-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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-Pentanol, 2,4-d... | 5.06 | 2.4 | ng | 38405 | 1 | 6.85 | 322665 | 20.0 |
| unknown6.62 | 6.62 | 33.2 | ng | 536151 | 1 | 6.85 | 322665 | 20.0 |
| n-Hexadecanoic acid | 11.90 | 2.0 | ng | 29275 | 4 | 11.38 | 291842 | 20.0 |
| unknown13.82 | 13.82 | 6.0 | ng | 107217 | 5 | 14.02 | 356528 | 20.0 |
| Ethanol, 2-(tetra... | 13.85 | 2.6 | ng | 46568 | 5 | 14.02 | 356528 | 20.0 |
| 5-Methyl-2-phenyl... | 14.14 | 4.8 | ng | 84609 | 5 | 14.02 | 356528 | 20.0 |
| unknown14.19 | 14.19 | 7.4 | ng | 131641 | 5 | 14.02 | 356528 | 20.0 |
| (2,3-Diphenylcycl... | 14.22 | 2.1 | ng | 37268 | 5 | 14.02 | 356528 | 20.0 |
| Tricosane | 15.93 | 2.8 | ng | 40630 | 6 | 15.50 | 289076 | 20.0 |
| Tetrapentacontane... | 17.03 | 4.3 | ng | 62898 | 6 | 15.50 | 289076 | 20.0 |
| unknown17.13 | 17.13 | 2.6 | ng | 37733 | 6 | 15.50 | 289076 | 20.0 |
| unknown18.57 | 18.57 | 5.2 | ng | 74902 | 6 | 15.50 | 289076 | 20.0 |