LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SASP2P-TP-106-A(0-5)COMP

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-BF081517.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 | 3.134 | 175 | 178 | 188 | rBV | 50890 | 101539 | 2.47% | 0.267% |
| 2 | 4.951 | 483 | 487 | 496 | rVB | 294665 | 457701 | 11.14% | 1.202% |
| 3 | 5.363 | 551 | 557 | 560 | rBV | 3388900 | 3804737 | 92.63% | 9.994% |
| 4 | 6.387 | 725 | 731 | 734 | rBV | 3304323 | 4107665 | 100.00% | 10.789% |
| 5 | 6.522 | 748 | 754 | 757 | rBV | 3408399 | 3749597 | 91.28% | 9.849% |
| 6 | 6.745 | 789 | 792 | 796 | rBV | 985123 | 803573 | 19.56% | 2.111% |
| 7 | 6.904 | 815 | 819 | 822 | rBV | 3053841 | 2770553 | 67.45% | 7.277% |
| 8 | 7.316 | 883 | 889 | 891 | rBV | 2239967 | 2543312 | 61.92% | 6.680% |
| 9 | 8.028 | 1006 | 1010 | 1014 | rBV | 1248915 | 1048172 | 25.52% | 2.753% |
| 10 | 9.110 | 1188 | 1194 | 1197 | rBV | 3614445 | 3553017 | 86.50% | 9.333% |
| 11 | 9.498 | 1256 | 1260 | 1263 | rBV | 520517 | 404216 | 9.84% | 1.062% |
| 12 | 9.781 | 1301 | 1308 | 1311 | rBV2 | 1228412 | 1064452 | 25.91% | 2.796% |
| 13 | 10.222 | 1379 | 1383 | 1386 | rVB | 50818 | 47782 | 1.16% | 0.126% |
| 14 | 10.322 | 1398 | 1400 | 1407 | rVB2 | 44585 | 45290 | 1.10% | 0.119% |
| 15 | 10.569 | 1436 | 1442 | 1445 | rBV | 2198239 | 2146458 | 52.25% | 5.638% |
| 16 | 10.692 | 1456 | 1463 | 1470 | rBV3 | 87046 | 124650 | 3.03% | 0.327% |
| 17 | 11.263 | 1556 | 1560 | 1562 | rBV | 1010356 | 956426 | 23.28% | 2.512% |
| 18 | 11.286 | 1562 | 1564 | 1567 | rVV | 468354 | 371304 | 9.04% | 0.975% |
| 19 | 11.333 | 1567 | 1572 | 1575 | rVB | 182593 | 160057 | 3.90% | 0.420% |
| 20 | 11.763 | 1641 | 1645 | 1647 | rBV | 89967 | 84191 | 2.05% | 0.221% |
| 21 | 11.786 | 1647 | 1649 | 1653 | rVB | 140953 | 122357 | 2.98% | 0.321% |
| 22 | 11.833 | 1653 | 1657 | 1660 | rBV | 75092 | 64983 | 1.58% | 0.171% |
| 23 | 11.869 | 1660 | 1663 | 1666 | rVV | 148564 | 164414 | 4.00% | 0.432% |
| 24 | 11.892 | 1666 | 1667 | 1673 | rVB | 67833 | 45384 | 1.10% | 0.119% |
| 25 | 12.057 | 1692 | 1695 | 1697 | rBV | 65621 | 56120 | 1.37% | 0.147% |
| 26 | 12.310 | 1734 | 1738 | 1741 | rBV | 72052 | 79566 | 1.94% | 0.209% |
| 27 | 12.345 | 1741 | 1744 | 1749 | rVV4 | 43470 | 74751 | 1.82% | 0.196% |
| 28 | 12.392 | 1749 | 1752 | 1756 | rVB | 56339 | 64453 | 1.57% | 0.169% |
| 29 | 12.469 | 1761 | 1765 | 1769 | rVV | 893813 | 730605 | 17.79% | 1.919% |
| 30 | 12.698 | 1798 | 1804 | 1807 | rBV2 | 666674 | 749115 | 18.24% | 1.968% |
| 31 | 12.745 | 1809 | 1812 | 1817 | rVB2 | 44933 | 63655 | 1.55% | 0.167% |
| 32 | 12.816 | 1820 | 1824 | 1825 | rBV | 59039 | 47099 | 1.15% | 0.124% |
| 33 | 12.845 | 1825 | 1829 | 1833 | rVV | 2415273 | 2314147 | 56.34% | 6.078% |
| 34 | 12.916 | 1836 | 1841 | 1844 | rBV3 | 64874 | 102439 | 2.49% | 0.269% |

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SASP2P-TP-106-A(0-5)COMP

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.998 | 1852 | 1855 | 1857 | rBV3 | 49700 | 56234 | 1.37% | 0.148% |
| 36 | 13.021 | 1857 | 1859 | 1863 | rVB | 117607 | 106329 | 2.59% | 0.279% |
| 37 | 13.092 | 1868 | 1871 | 1873 | rBV | 78352 | 72761 | 1.77% | 0.191% |
| 38 | 13.127 | 1873 | 1877 | 1880 | rBV2 | 100092 | 96837 | 2.36% | 0.254% |
| 39 | 13.251 | 1895 | 1898 | 1901 | rBV2 | 45134 | 49338 | 1.20% | 0.130% |
| 40 | 13.421 | 1921 | 1927 | 1930 | rBV7 | 29673 | 56809 | 1.38% | 0.149% |
| 41 | 13.527 | 1938 | 1945 | 1950 | rBV | 73179 | 117440 | 2.86% | 0.308% |
| 42 | 13.639 | 1960 | 1964 | 1967 | rBV2 | 66742 | 90472 | 2.20% | 0.238% |
| 43 | 13.669 | 1967 | 1969 | 1971 | rVV | 74454 | 65377 | 1.59% | 0.172% |
| 44 | 13.692 | 1971 | 1973 | 1977 | rVV2 | 49811 | 76478 | 1.86% | 0.201% |
| 45 | 13.745 | 1977 | 1982 | 1987 | rVB2 | 136503 | 208945 | 5.09% | 0.549% |
| 46 | 13.892 | 1999 | 2007 | 2009 | rBV2 | 911644 | 1248935 | 30.40% | 3.281% |
| 47 | 13.916 | 2009 | 2011 | 2018 | rVB | 350428 | 324326 | 7.90% | 0.852% |
| 48 | 14.068 | 2035 | 2037 | 2041 | rVB2 | 37463 | 43860 | 1.07% | 0.115% |
| 49 | 14.274 | 2068 | 2072 | 2075 | rBV | 94245 | 84754 | 2.06% | 0.223% |
| 50 | 14.310 | 2075 | 2078 | 2082 | rVB | 55471 | 50089 | 1.22% | 0.132% |
| 51 | 14.368 | 2085 | 2088 | 2091 | rBV3 | 42689 | 41199 | 1.00% | 0.108% |
| 52 | 14.739 | 2148 | 2151 | 2157 | rBV3 | 66572 | 88661 | 2.16% | 0.233% |
| 53 | 14.904 | 2174 | 2179 | 2182 | rBV | 291665 | 441730 | 10.75% | 1.160% |
| 54 | 15.004 | 2193 | 2196 | 2202 | rVB | 84120 | 107562 | 2.62% | 0.283% |
| 55 | 15.186 | 2224 | 2227 | 2233 | rVB | 169020 | 210989 | 5.14% | 0.554% |
| 56 | 15.245 | 2233 | 2237 | 2243 | rVB | 272360 | 318575 | 7.76% | 0.837% |
| 57 | 15.310 | 2243 | 2248 | 2251 | rBV | 570553 | 705390 | 17.17% | 1.853% |
| 58 | 15.762 | 2322 | 2325 | 2329 | rBV4 | 31372 | 45183 | 1.10% | 0.119% |
| 59 | 16.674 | 2475 | 2480 | 2488 | rVB2 | 85961 | 167004 | 4.07% | 0.439% |
| 60 | 17.086 | 2544 | 2550 | 2561 | rBV | 71636 | 172303 | 4.19% | 0.453% |

Sum of corrected areas: 38071360

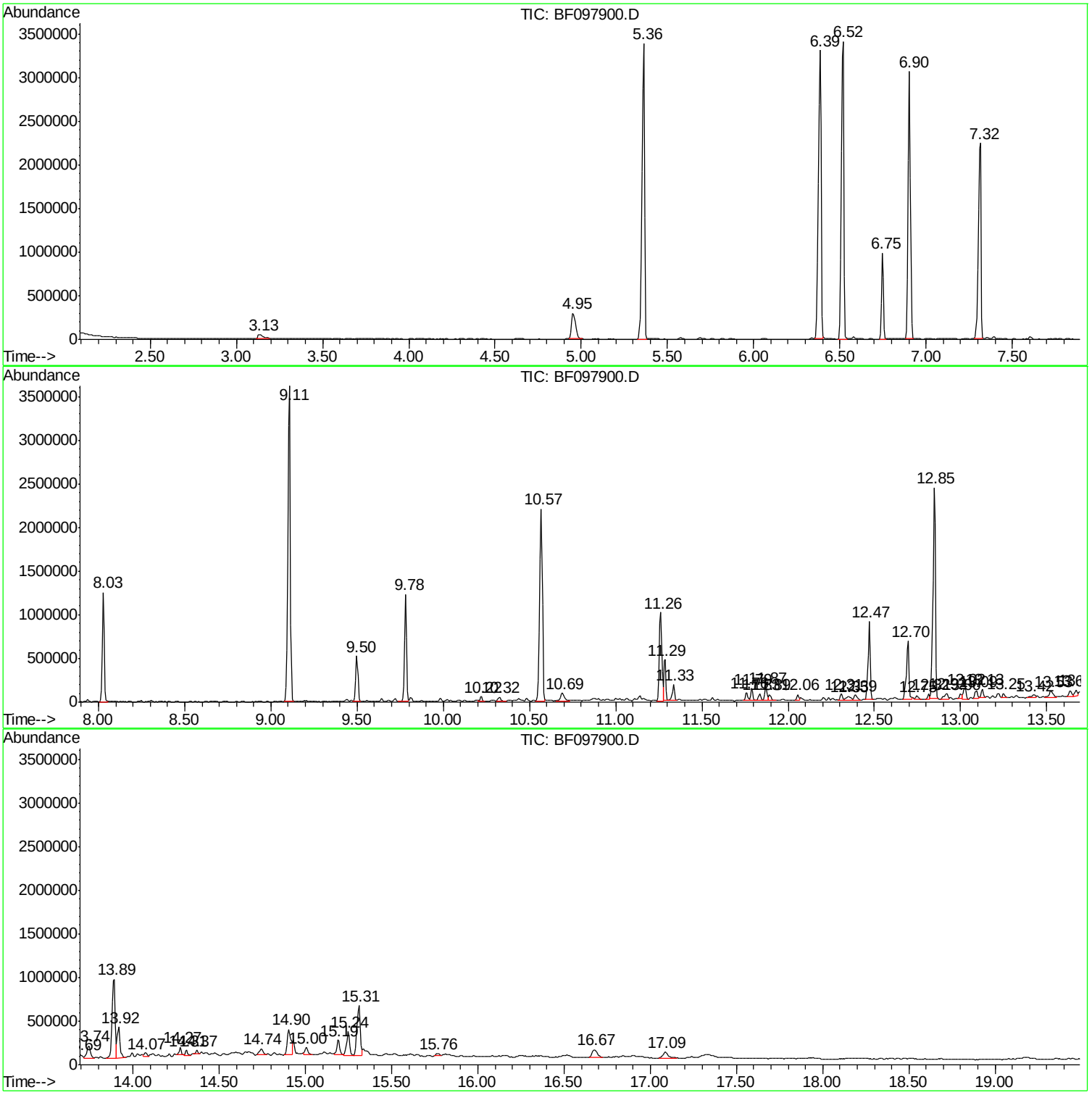
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

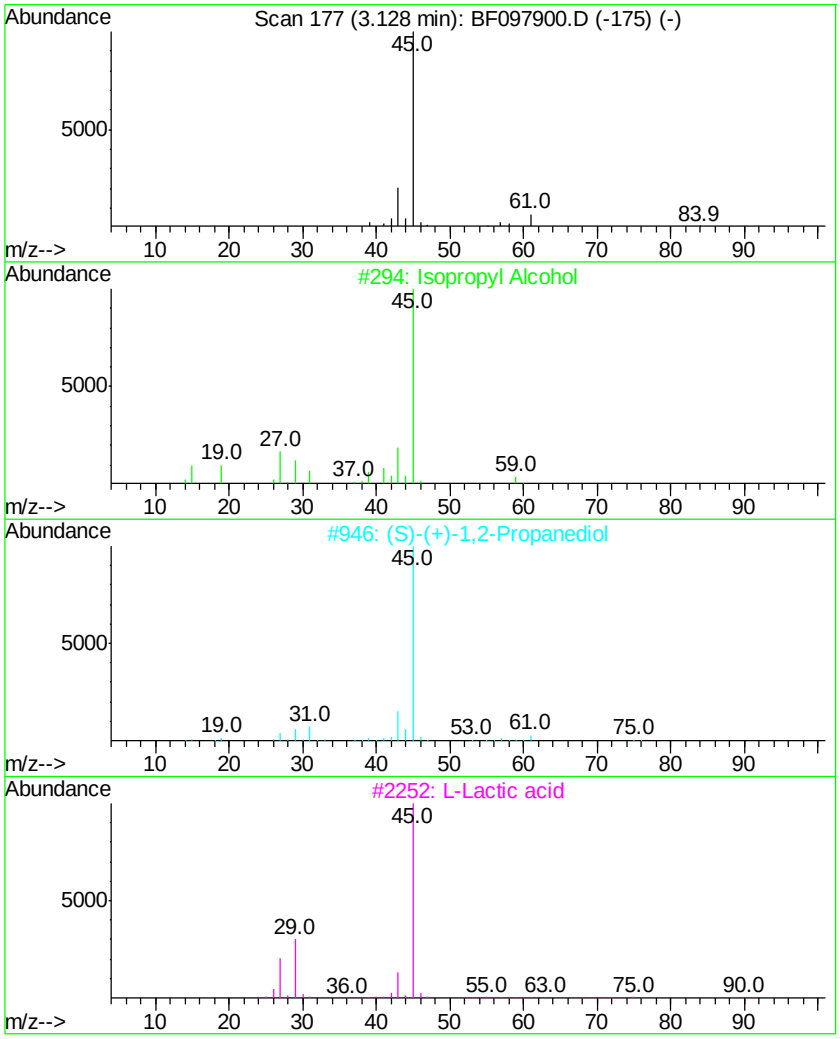
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

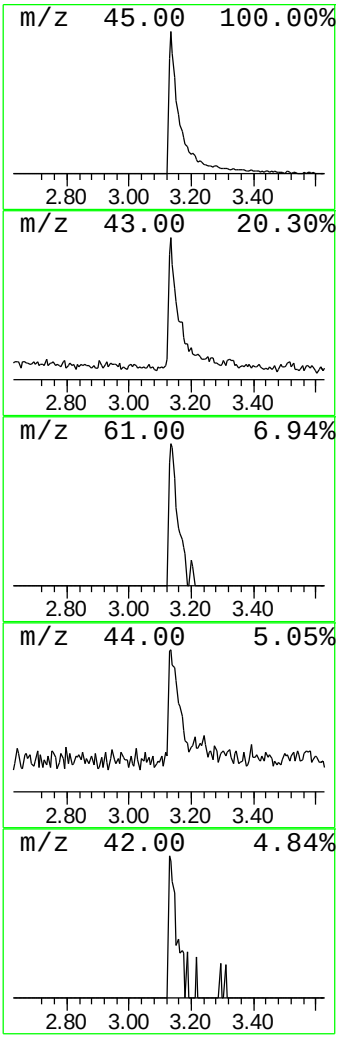
**********

Peak Number 1 unknown3.13 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.13 | 2.53 ng | 101539 | 1,4-Dichlorobenzene-d4 | 6.75 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 9 |
| 2 | (S)-(+)-1,2-Propanediol | 76 | C3H8O2 | 004254-15-3 | 9 |
| 3 | L-Lactic acid | 90 | C3H6O3 | 000079-33-4 | 9 |
| 4 | R-(-)-1,2-propanediol | 76 | C3H8O2 | 004254-14-2 | 9 |
| 5 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 9 |



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

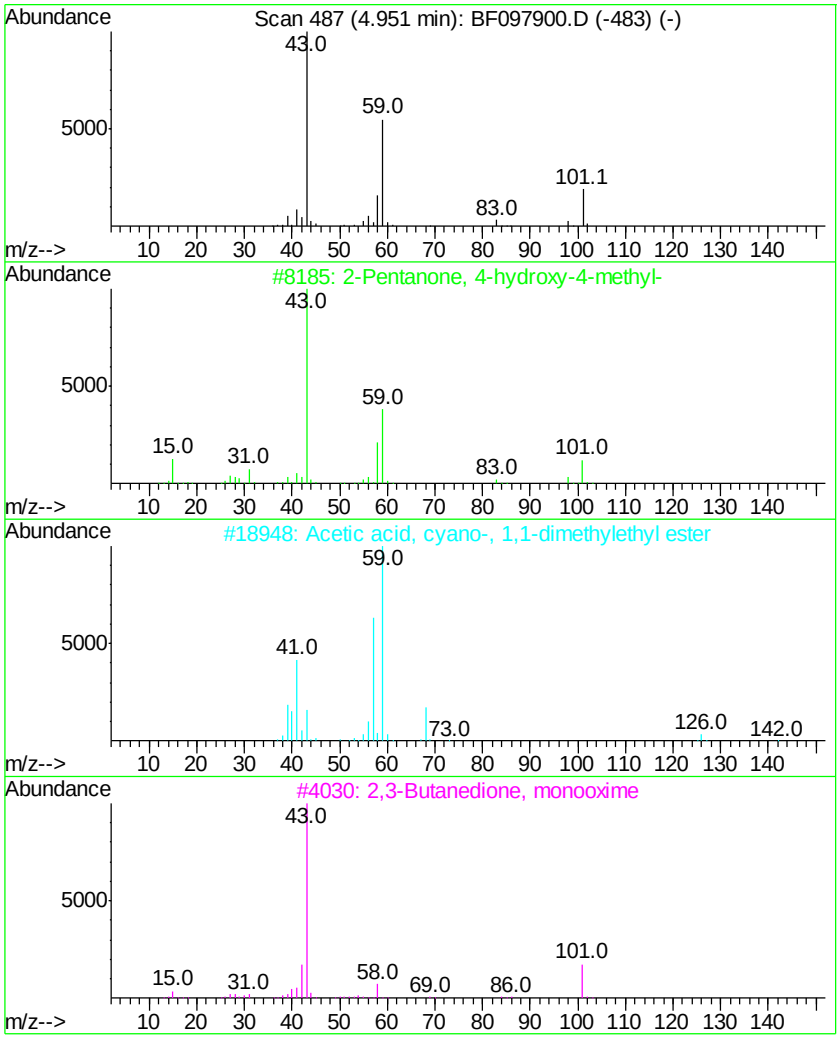
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

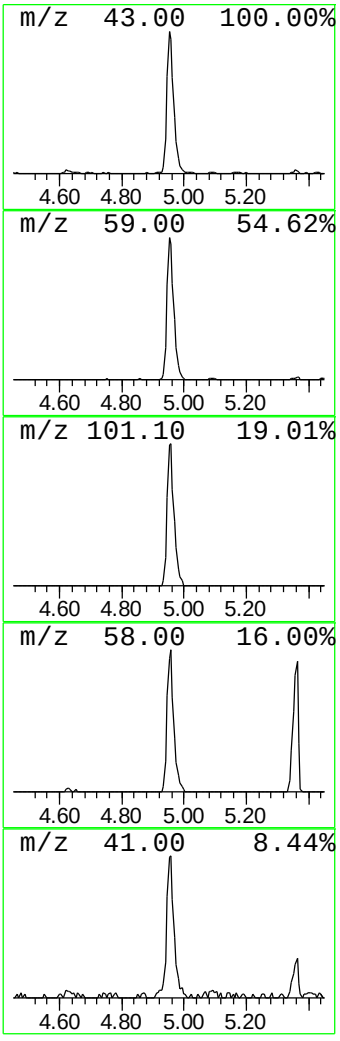
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.95 | 11.39 ng | 457701 | 1,4-Dichlorobenzene-d4 | 6.75 |

| 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, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 37 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 16 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

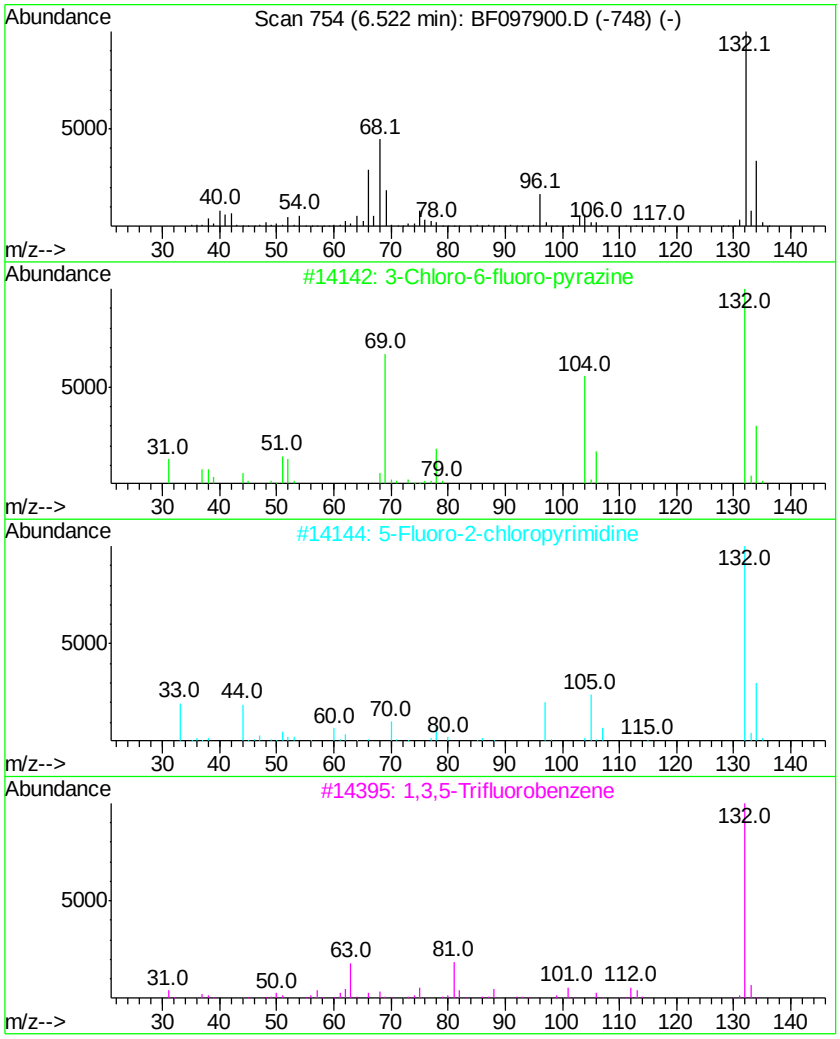
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

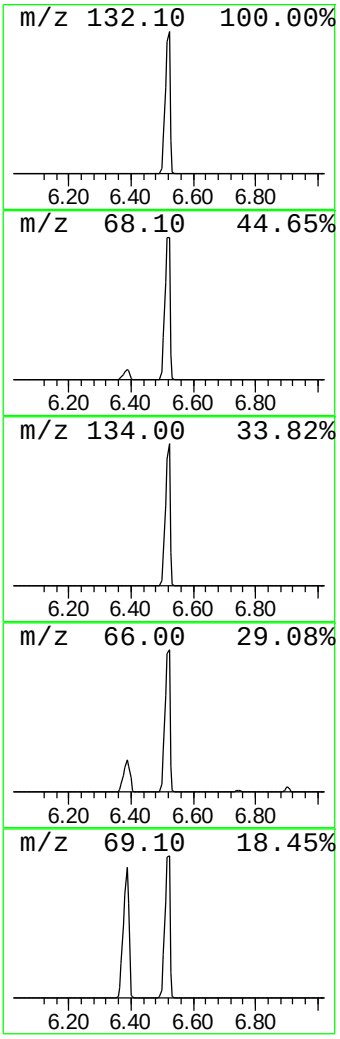
**********

Peak Number 3 unknown6.52 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.52 | 93.32 ng | 3749600 | 1,4-Dichlorobenzene-d4 | 6.75 |

| 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 | 1,3,5-Trifluorobenzene | 132 | C6H3F3 | 000372-38-3 | 9 |
| 4 | Xenon | 132 | Xe | 007440-63-3 | 9 |
| 5 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12 | 028749-81-7 | 9 |



# Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

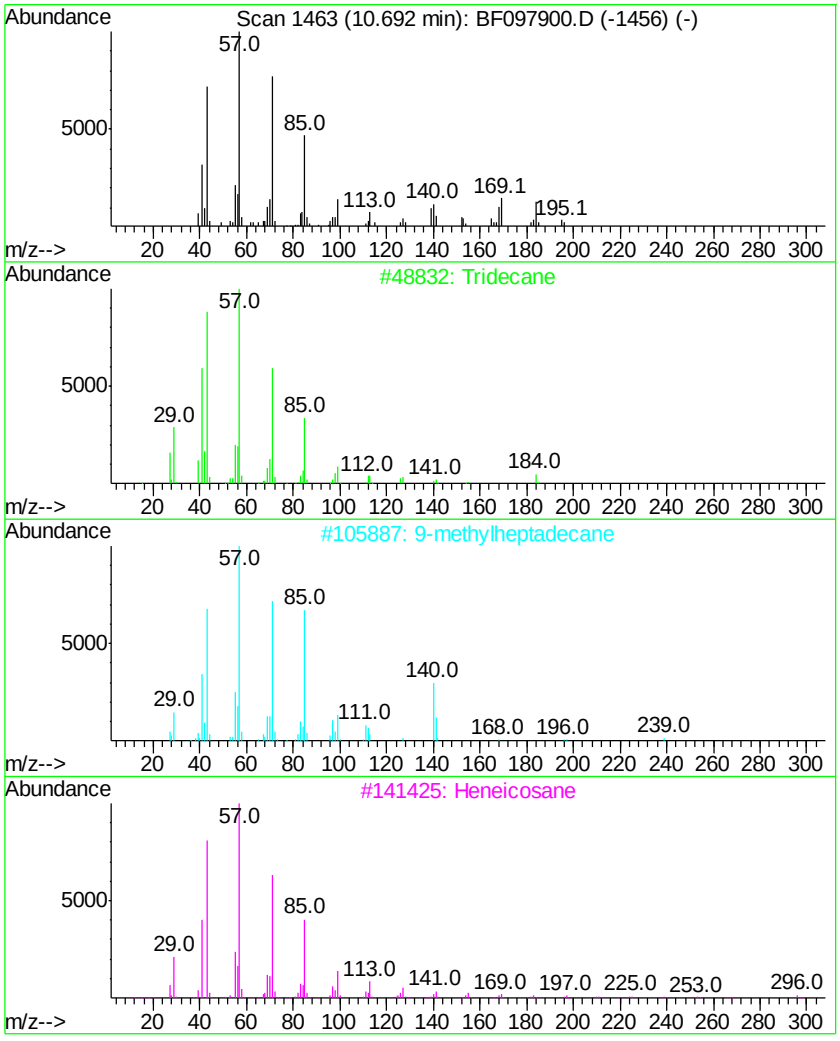
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

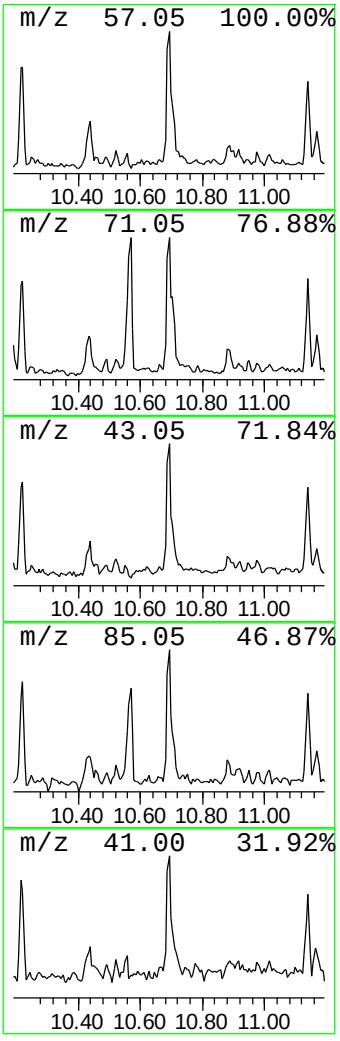
**********

Peak Number 5 Tridecane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.69 | 2.61 ng | 124650 | Phenanthrene-d10 | 11.26 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 81 |
| 2 | 9-methylheptadecane | 254 | C18H38 | 026741-18-4 | 72 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 68 |
| 4 | Hexadecane, 7,9-dimethyl- | 254 | C18H38 | 021164-95-4 | 64 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

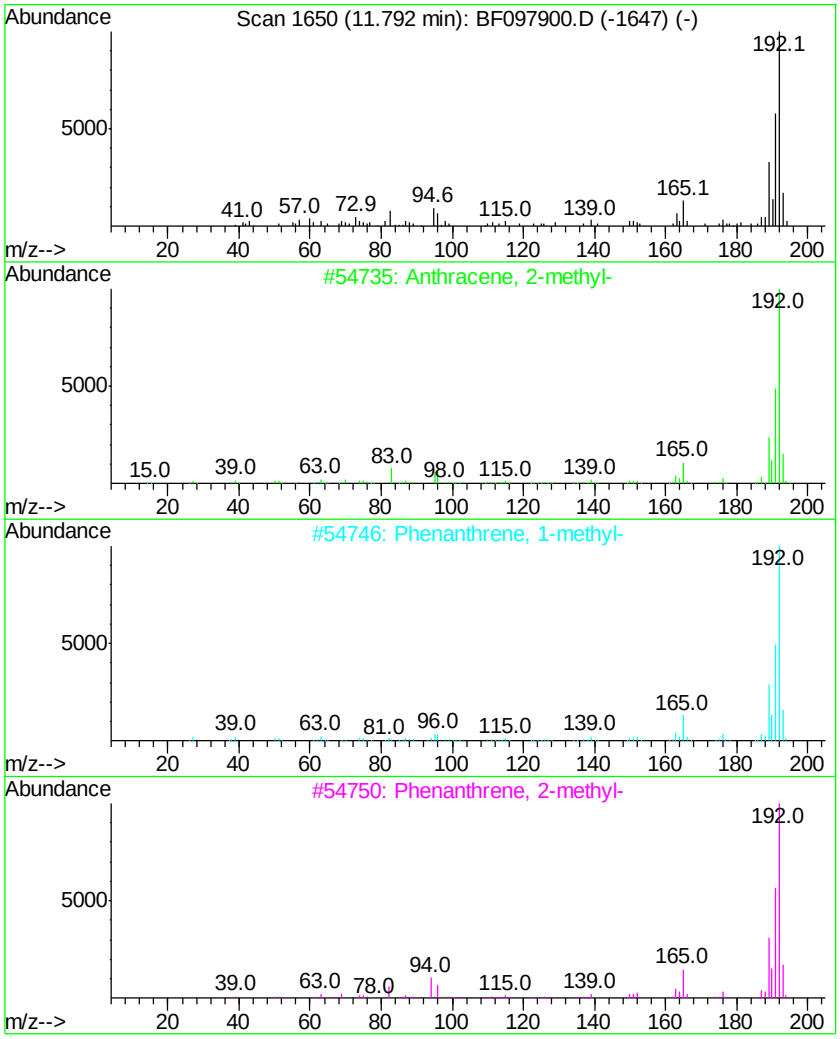
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

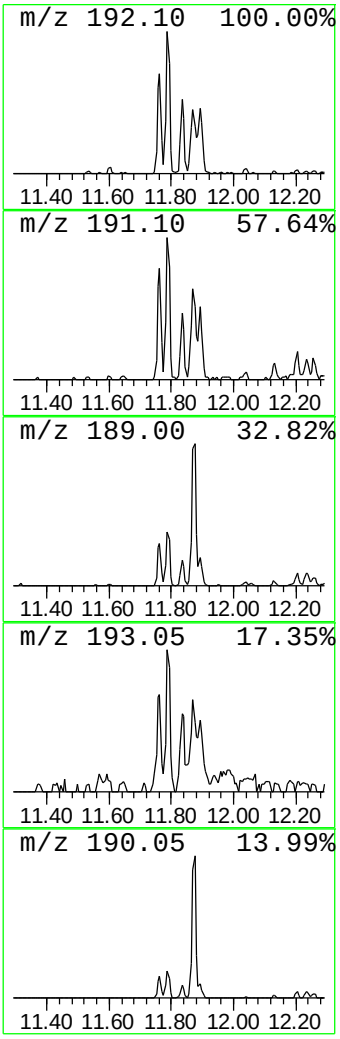
**********

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.79 | 2.56 ng | 122357 | Phenanthrene-d10 | 11.26 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 96 |



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

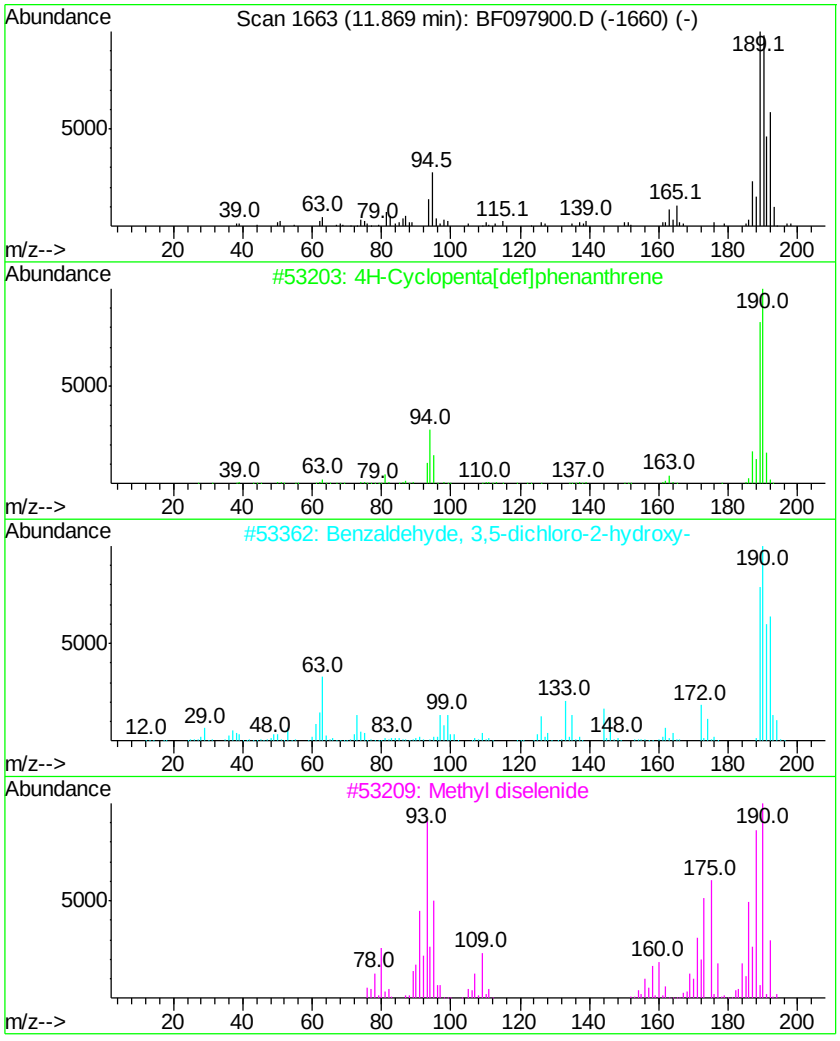
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

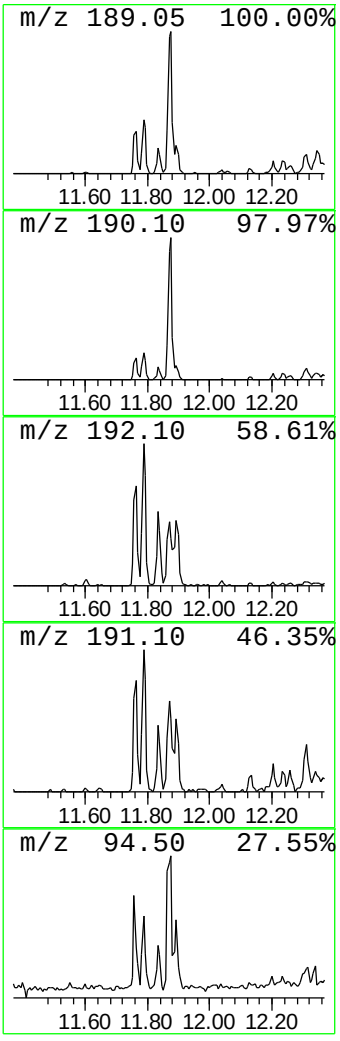
**********

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.87 | 3.44 ng | 164414 | Phenanthrene-d10 | 11.26 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 64 |
| 2 | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2 | 000090-60-8 | 47 |
| 3 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 38 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 20 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 18 |



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

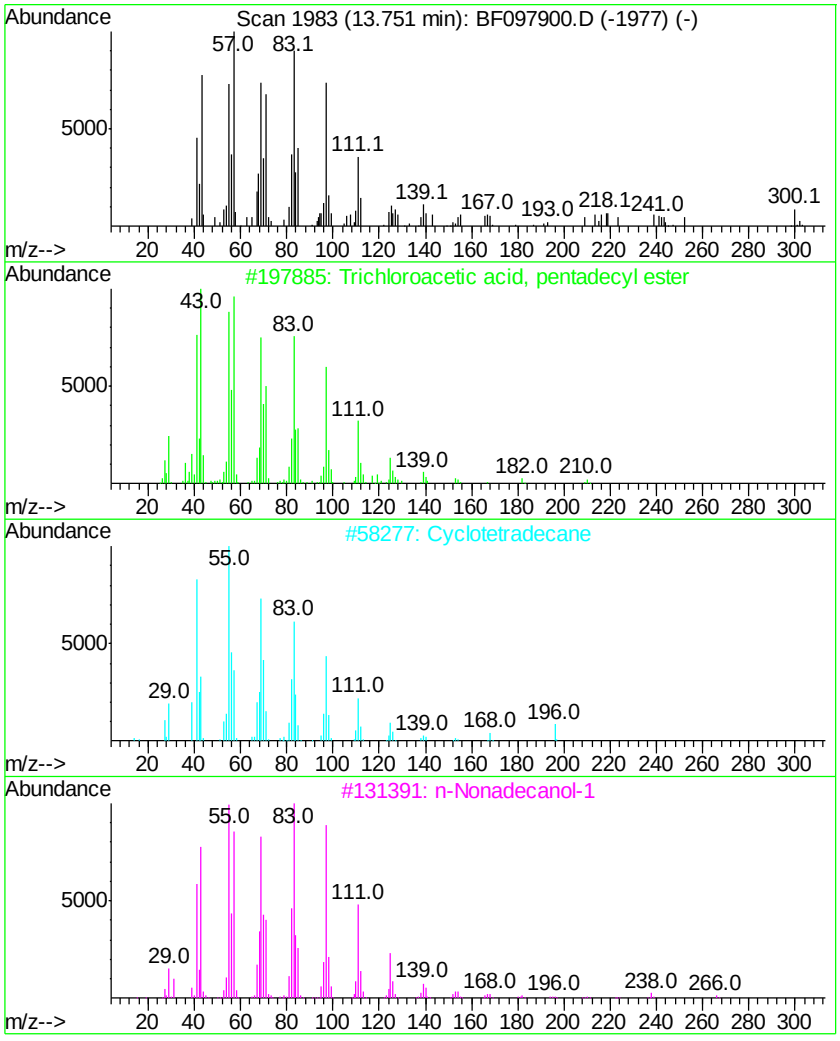
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

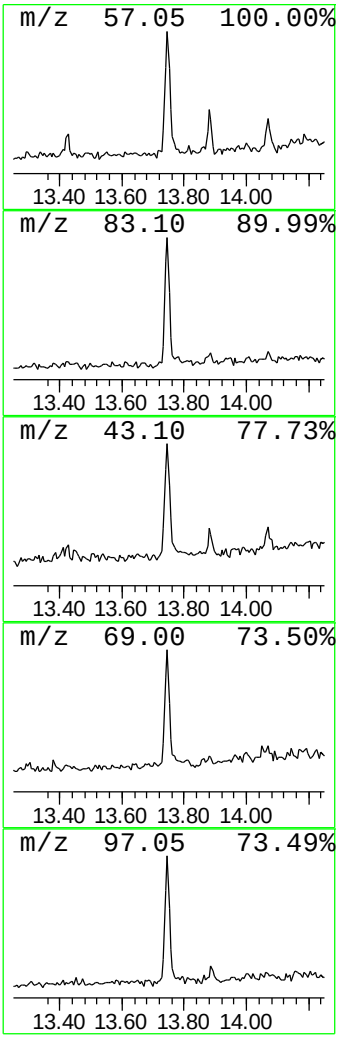
**********

Peak Number 8 Trichloroacetic acid, penta... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.75 | 3.35 ng | 208945 | Chrysene-d12 | 13.89 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 90 |
| 2 | Cyclotetradecane | 196 | C14H28 | 000295-17-0 | 90 |
| 3 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 87 |
| 4 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 87 |
| 5 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 87 |



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Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

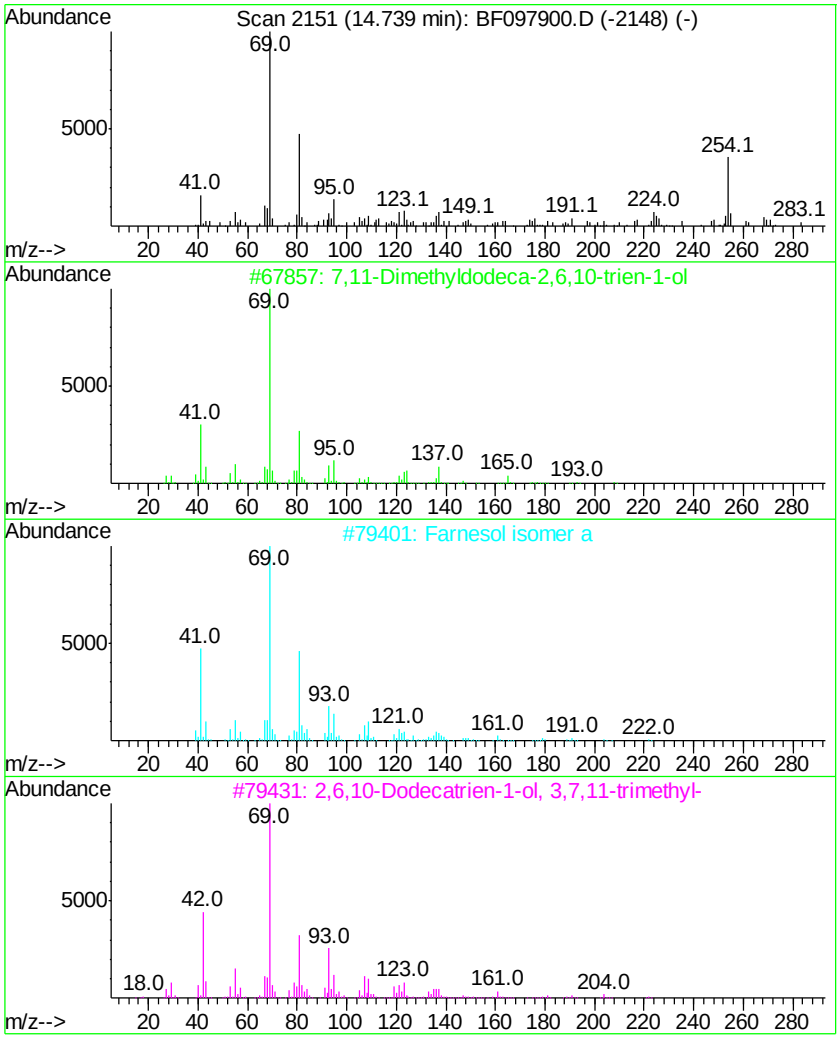
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

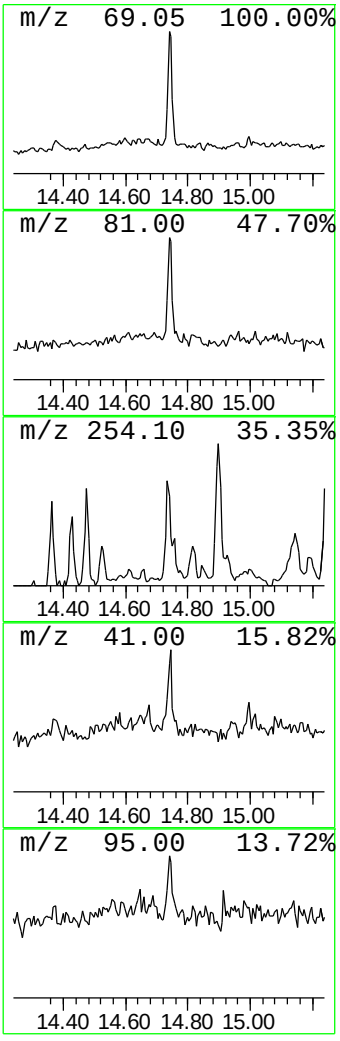
**********

Peak Number 9 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.74 | 2.51 ng | 88661 | Perylene-d12 | 15.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 58 |
| 2 | Farnesol isomer a | 222 | C15H26O | 1000108-92-4 | 58 |
| 3 | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 222 | C15H26O | 004602-84-0 | 52 |
| 4 | 2,6-Octadiene, 2,6-dimethyl- | 138 | C10H18 | 002792-39-4 | 50 |
| 5 | Trideca-1,3,7,11-tetraene-1,1-di... | 268 | C18H24N2 | 1000159-88-9 | 47 |



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

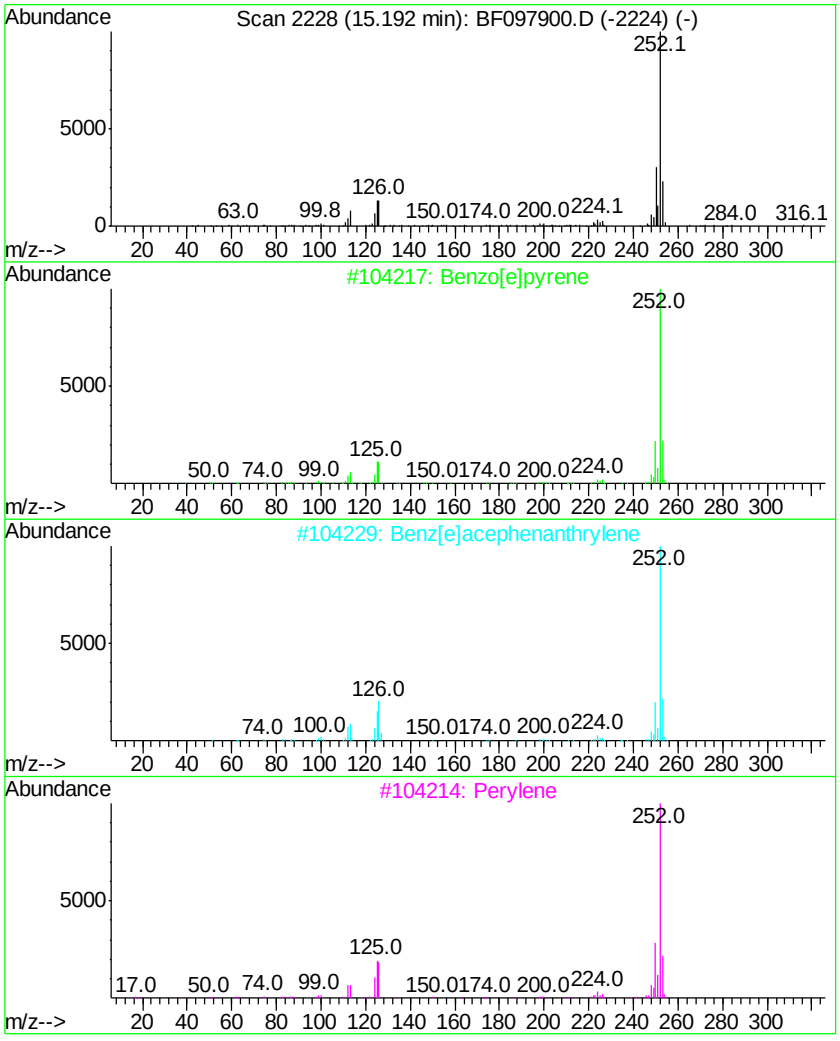
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

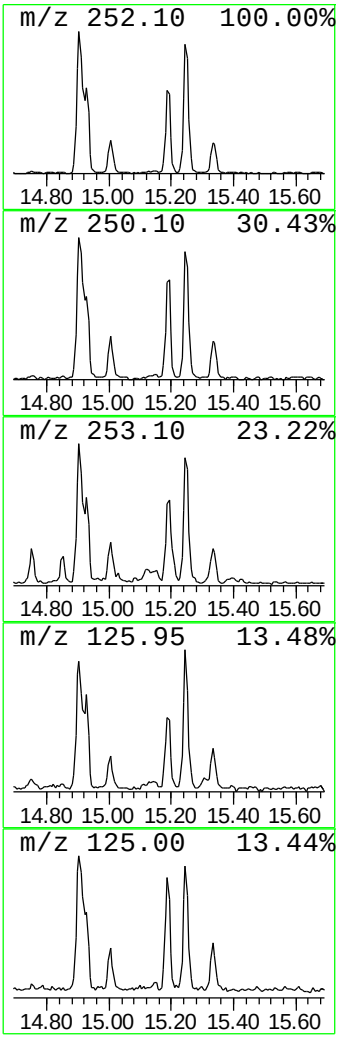
**********

Peak Number 11 Benzo[e]pyrene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.19 | 5.98 ng | 210989 | Perylene-d12 | 15.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 97 |
| 2 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 94 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 94 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 90 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
Data File : BF097900.D
Acq On : 21 Aug 2017 12:18
Operator : SJ/JU
Sample : I4869-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SASP2P-TP-106-A(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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 |
| unknown3.13 | 3.13 | 2.5 | ng | 101539 | 1 | 6.75 | 803573 | 20.0 |
| 2-Pentanone, 4-hy... | 4.95 | 11.4 | ng | 457701 | 1 | 6.75 | 803573 | 20.0 |
| unknown6.52 | 6.52 | 93.3 | ng | 3749600 | 1 | 6.75 | 803573 | 20.0 |
| Tridecane | 10.69 | 2.6 | ng | 124650 | 4 | 11.26 | 956426 | 20.0 |
| Anthracene, 2-met... | 11.79 | 2.6 | ng | 122357 | 4 | 11.26 | 956426 | 20.0 |
| 4H-Cyclopenta[def... | 11.87 | 3.4 | ng | 164414 | 4 | 11.26 | 956426 | 20.0 |
| Trichloroacetic a... | 13.75 | 3.4 | ng | 208945 | 5 | 13.89 | 1248940 | 20.0 |
| 7,11-Dimethyldode... | 14.74 | 2.5 | ng | 88661 | 6 | 15.31 | 705390 | 20.0 |
| Benzo[e]pyrene | 15.19 | 6.0 | ng | 210989 | 6 | 15.31 | 705390 | 20.0 |