LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.963 | 653 | 659 | 671 | rVB2 | 226785 | 520849 | 8.19% | 1.049% |
| 2 | 7.122 | 680 | 686 | 694 | rVB | 209564 | 342162 | 5.38% | 0.689% |
| 3 | 7.322 | 713 | 720 | 728 | rVB | 282244 | 490419 | 7.71% | 0.988% |
| 4 | 7.740 | 786 | 791 | 793 | rBV | 53842 | 75386 | 1.18% | 0.152% |
| 5 | 7.787 | 793 | 799 | 813 | rVB | 871287 | 1532756 | 24.09% | 3.088% |
| 6 | 8.275 | 876 | 882 | 889 | rBV4 | 58765 | 111949 | 1.76% | 0.226% |
| 7 | 8.422 | 902 | 907 | 911 | rBV4 | 44467 | 79905 | 1.26% | 0.161% |
| 8 | 8.504 | 916 | 921 | 933 | rVB | 229117 | 445549 | 7.00% | 0.898% |
| 9 | 8.881 | 973 | 985 | 992 | rBV | 480603 | 782849 | 12.30% | 1.577% |
| 10 | 8.963 | 992 | 999 | 1014 | rVB3 | 266972 | 579930 | 9.12% | 1.168% |
| 11 | 9.116 | 1020 | 1025 | 1035 | rVB5 | 40230 | 88398 | 1.39% | 0.178% |
| 12 | 9.404 | 1069 | 1074 | 1080 | rBV | 428559 | 658327 | 10.35% | 1.326% |
| 13 | 9.675 | 1108 | 1120 | 1129 | rBV4 | 199080 | 520101 | 8.17% | 1.048% |
| 14 | 9.775 | 1129 | 1137 | 1141 | rVV6 | 53389 | 130147 | 2.05% | 0.262% |
| 15 | 9.828 | 1141 | 1146 | 1157 | rVB2 | 129591 | 271572 | 4.27% | 0.547% |
| 16 | 9.981 | 1163 | 1172 | 1178 | rBV2 | 456440 | 815262 | 12.81% | 1.642% |
| 17 | 10.045 | 1178 | 1183 | 1188 | rVB | 76349 | 123541 | 1.94% | 0.249% |
| 18 | 10.157 | 1194 | 1202 | 1207 | rBV3 | 80412 | 184972 | 2.91% | 0.373% |
| 19 | 10.222 | 1207 | 1213 | 1219 | rVV2 | 261893 | 542580 | 8.53% | 1.093% |
| 20 | 10.275 | 1219 | 1222 | 1231 | rVB | 154553 | 255387 | 4.01% | 0.514% |
| 21 | 10.586 | 1262 | 1275 | 1289 | rBV | 922431 | 2073416 | 32.59% | 4.177% |
| 22 | 10.739 | 1295 | 1301 | 1306 | rBV | 172391 | 340033 | 5.34% | 0.685% |
| 23 | 10.792 | 1306 | 1310 | 1317 | rVB | 98075 | 176806 | 2.78% | 0.356% |
| 24 | 11.916 | 1495 | 1501 | 1506 | rBV | 46429 | 84681 | 1.33% | 0.171% |
| 25 | 13.033 | 1686 | 1691 | 1697 | rVB | 98835 | 162823 | 2.56% | 0.328% |
| 26 | 13.627 | 1782 | 1792 | 1797 | rBV7 | 25831 | 65356 | 1.03% | 0.132% |
| 27 | 13.845 | 1820 | 1829 | 1834 | rBV | 653434 | 990234 | 15.56% | 1.995% |
| 28 | 13.898 | 1834 | 1838 | 1844 | rVB | 254515 | 382364 | 6.01% | 0.770% |
| 29 | 14.133 | 1871 | 1878 | 1888 | rBV | 735565 | 1154848 | 18.15% | 2.326% |
| 30 | 14.251 | 1895 | 1898 | 1903 | rBV3 | 43128 | 71328 | 1.12% | 0.144% |
| 31 | 14.321 | 1903 | 1910 | 1918 | rVB5 | 45796 | 132609 | 2.08% | 0.267% |
| 32 | 14.439 | 1924 | 1930 | 1938 | rVB2 | 1510991 | 2304305 | 36.22% | 4.642% |
| 33 | 14.686 | 1968 | 1972 | 1980 | rBV5 | 64182 | 144648 | 2.27% | 0.291% |
| 34 | 15.216 | 2057 | 2062 | 2063 | rBV3 | 85735 | 102276 | 1.61% | 0.206% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM-EPA-BM101217.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 15.257 | 2064 | 2069 | 2076 | rVB | 4114136 | 5245339 | 82.44% | 10.566% |
| 36 | 15.433 | 2094 | 2099 | 2105 | rBV | 955834 | 1439795 | 22.63% | 2.900% |
| 37 | 15.586 | 2121 | 2125 | 2131 | rBV | 144636 | 227244 | 3.57% | 0.458% |
| 38 | 15.674 | 2136 | 2140 | 2148 | rVB | 102093 | 168943 | 2.66% | 0.340% |
| 39 | 15.804 | 2158 | 2162 | 2166 | rBV | 84130 | 105760 | 1.66% | 0.213% |
| 40 | 16.151 | 2215 | 2221 | 2226 | rBV3 | 275522 | 500218 | 7.86% | 1.008% |
| 41 | 16.974 | 2356 | 2361 | 2366 | rBV | 229184 | 373923 | 5.88% | 0.753% |
| 42 | 17.186 | 2392 | 2397 | 2404 | rBV | 2027097 | 3006244 | 47.25% | 6.056% |
| 43 | 17.286 | 2410 | 2414 | 2420 | rVB2 | 1009347 | 1466777 | 23.05% | 2.955% |
| 44 | 18.068 | 2543 | 2547 | 2551 | rBV | 347219 | 436947 | 6.87% | 0.880% |
| 45 | 18.921 | 2686 | 2692 | 2693 | rBV5 | 296319 | 670630 | 10.54% | 1.351% |
| 46 | 19.292 | 2751 | 2755 | 2760 | rBV | 871969 | 1051097 | 16.52% | 2.117% |
| 47 | 19.586 | 2801 | 2805 | 2809 | rBV | 1541871 | 2023449 | 31.80% | 4.076% |
| 48 | 20.498 | 2956 | 2960 | 2965 | rBV | 2278128 | 2296441 | 36.09% | 4.626% |
| 49 | 21.027 | 3047 | 3050 | 3052 | rBV3 | 717149 | 992611 | 15.60% | 1.999% |
| 50 | 21.262 | 3083 | 3090 | 3099 | rVB | 3841859 | 6362308 | 100.00% | 12.816% |
| 51 | 21.374 | 3105 | 3109 | 3113 | rVB | 2986681 | 3850557 | 60.52% | 7.756% |
| 52 | 23.674 | 3495 | 3500 | 3515 | rVB2 | 1282783 | 2687032 | 42.23% | 5.413% |

Sum of corrected areas: 49643083

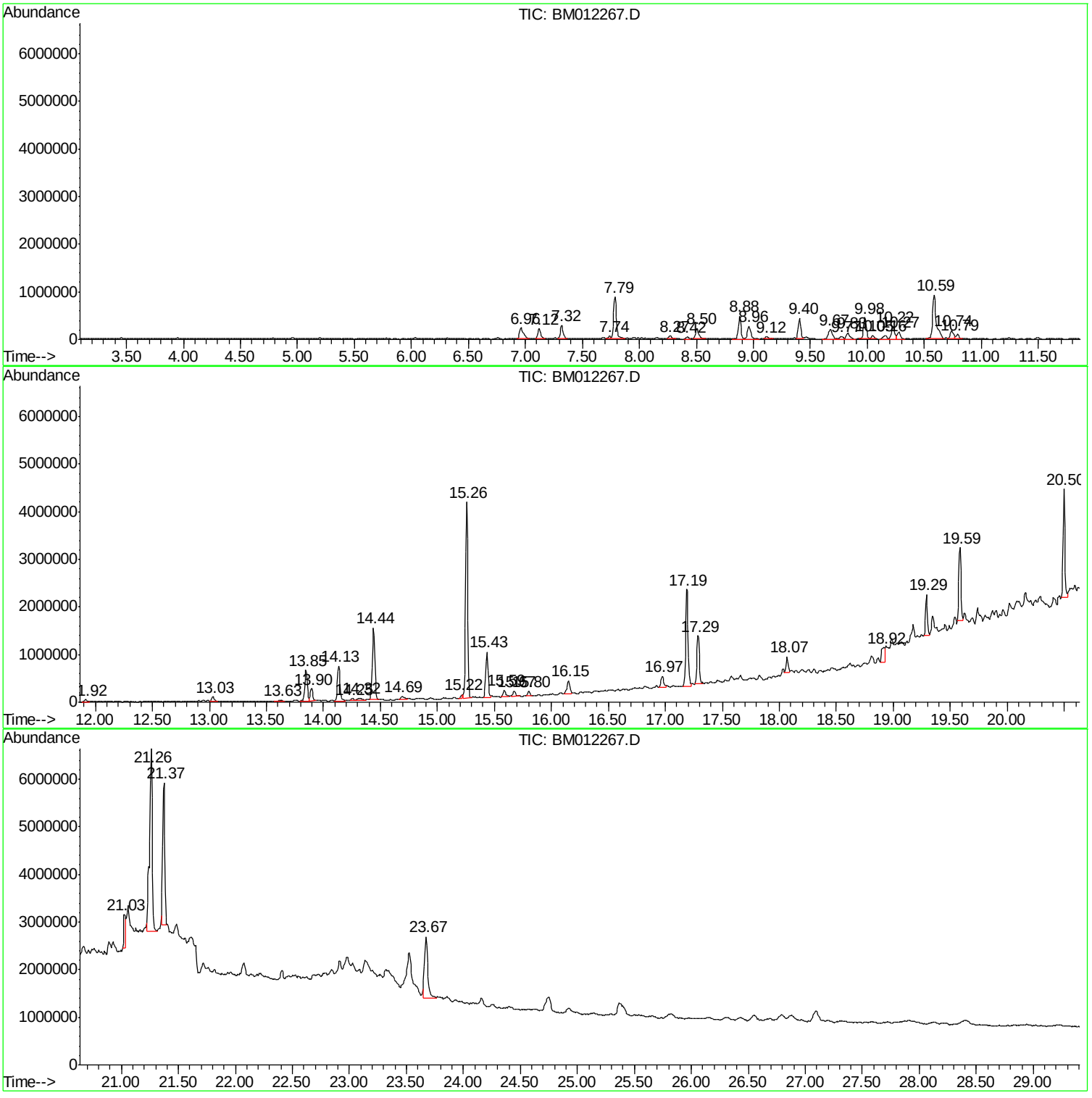
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

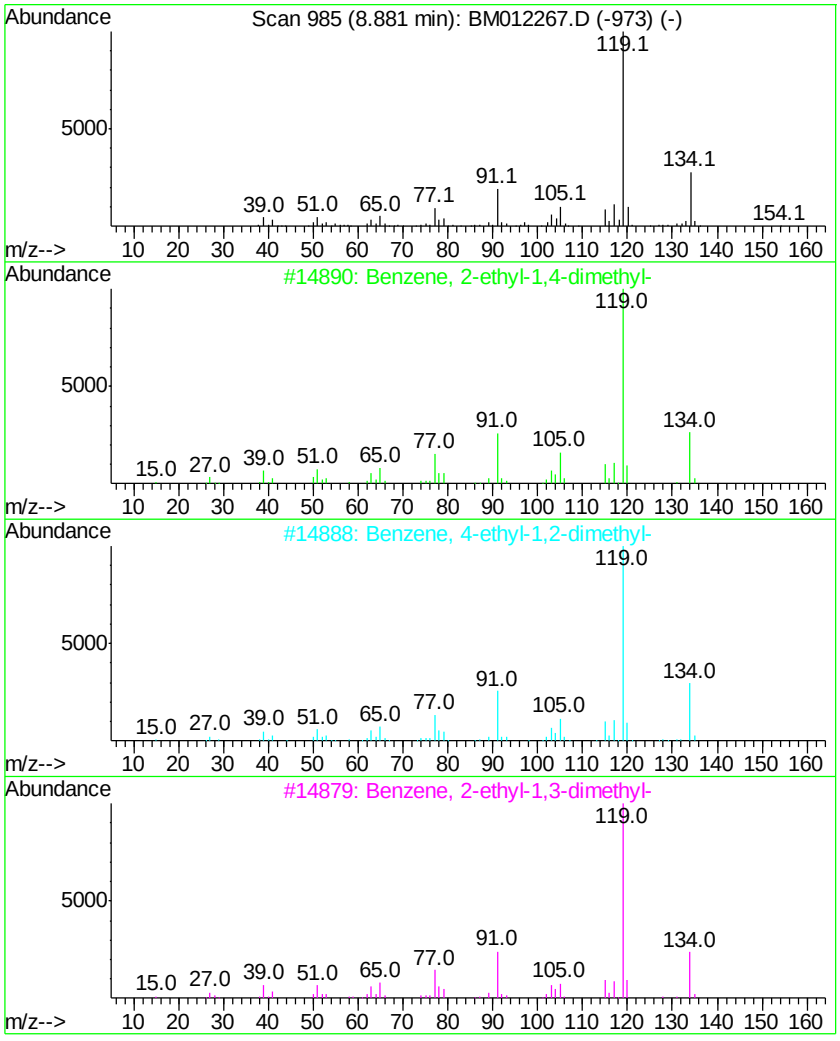
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

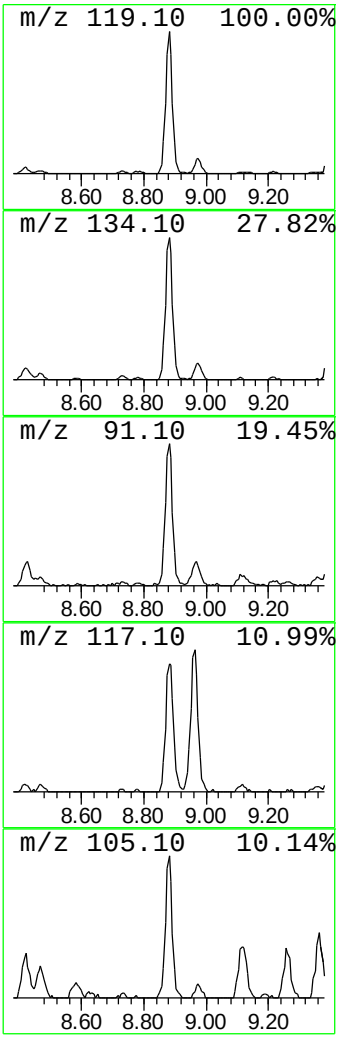
**********

Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.88 | 10.21 ng/ul | 782849 | 1,4-Dichlorobenzene-d4 | 7.79 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

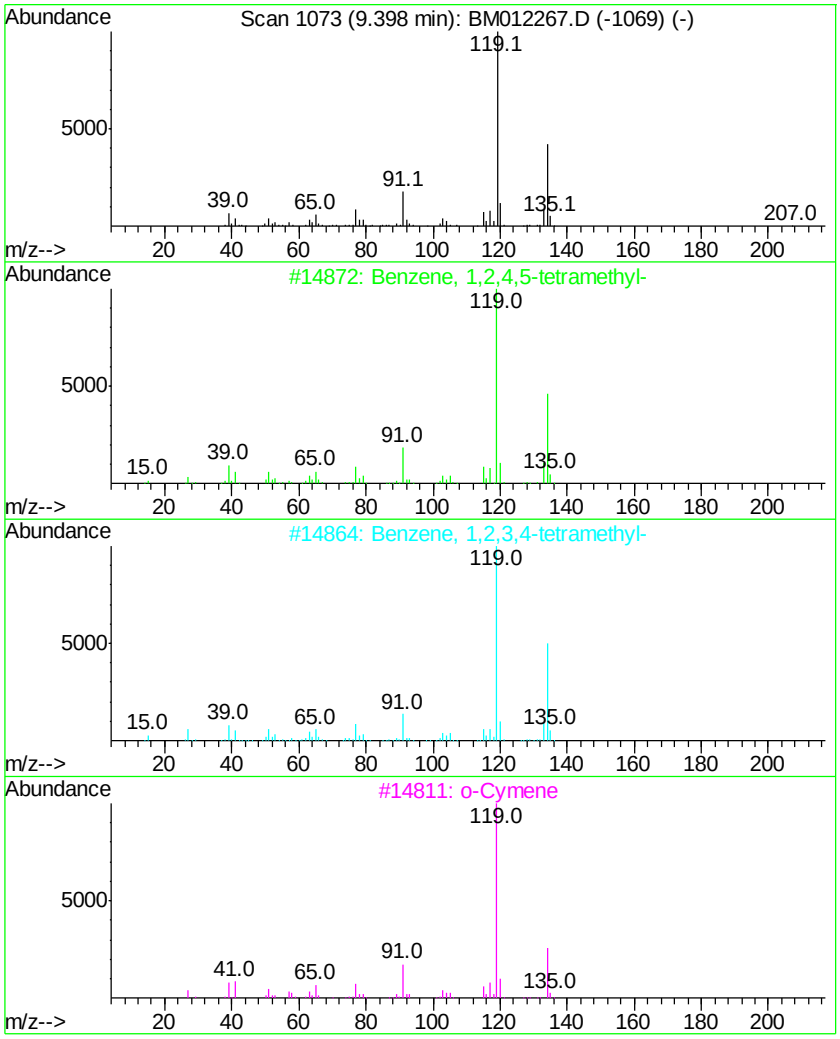
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

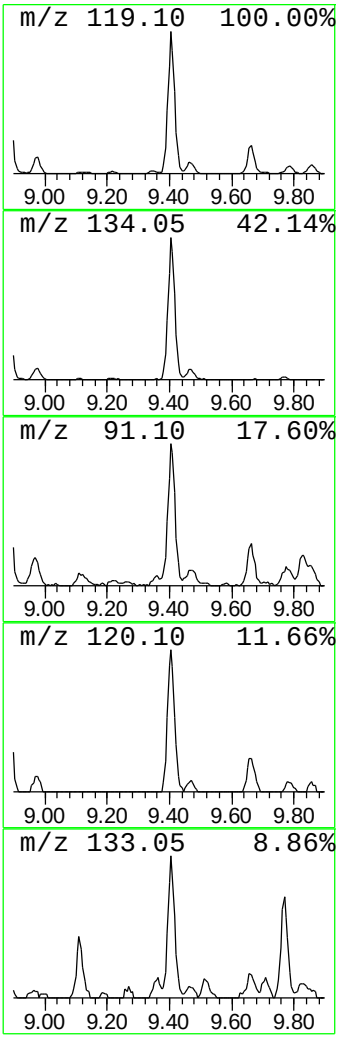
**********

Peak Number 2 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.40 | 6.35 ng/ul | 658327 | Naphthalene-d8 | 10.59 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 95 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 91 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

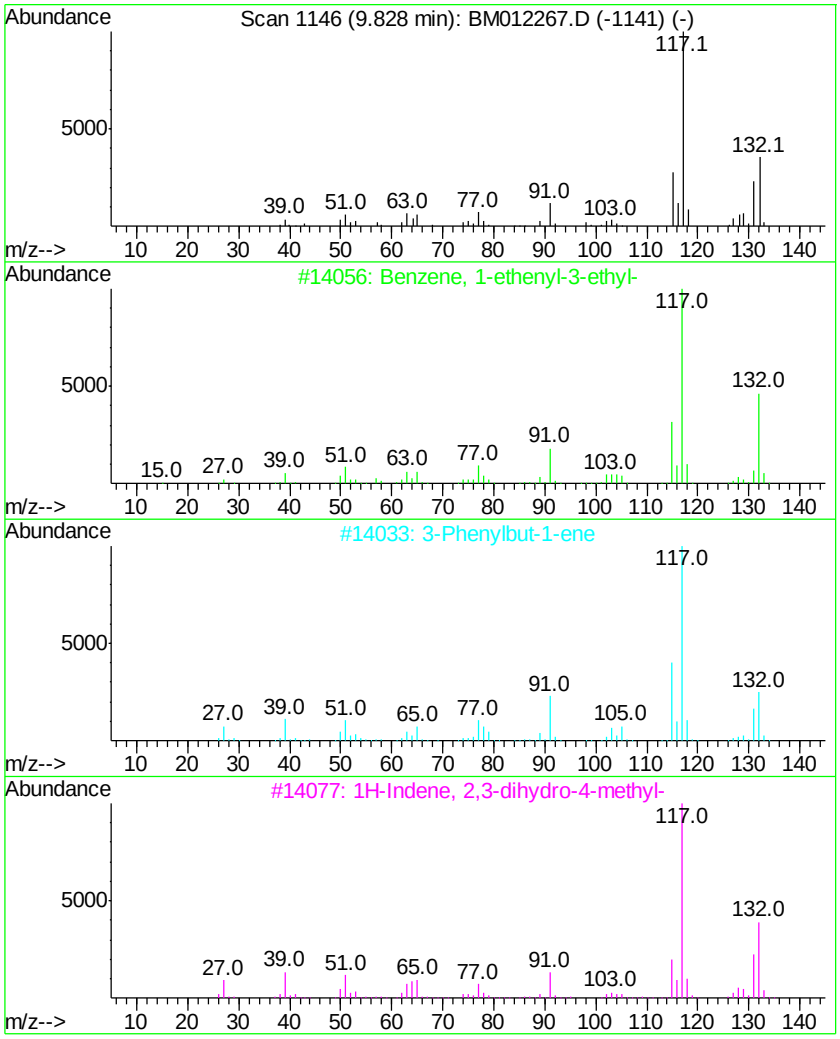
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

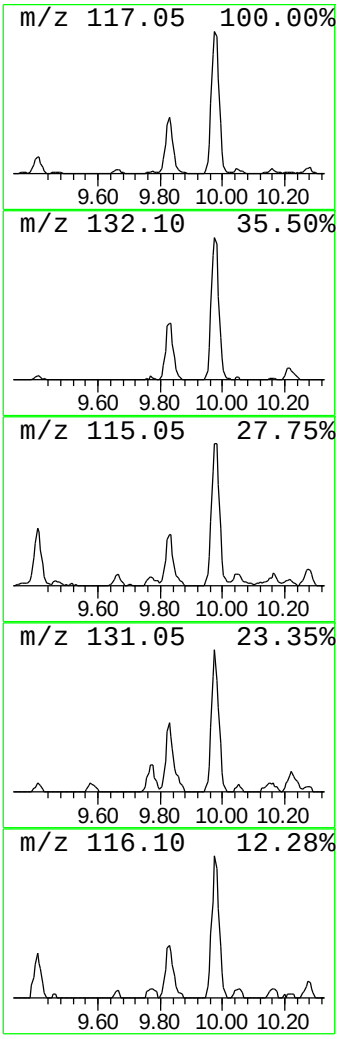
**********

Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.83 | 2.62 ng/ul | 271572 | Naphthalene-d8 | 10.59 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-ethyl- | 132 | C10H12 | 007525-62-4 | 87 |
| 2 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 86 |
| 3 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 83 |
| 4 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 83 |
| 5 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 81 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

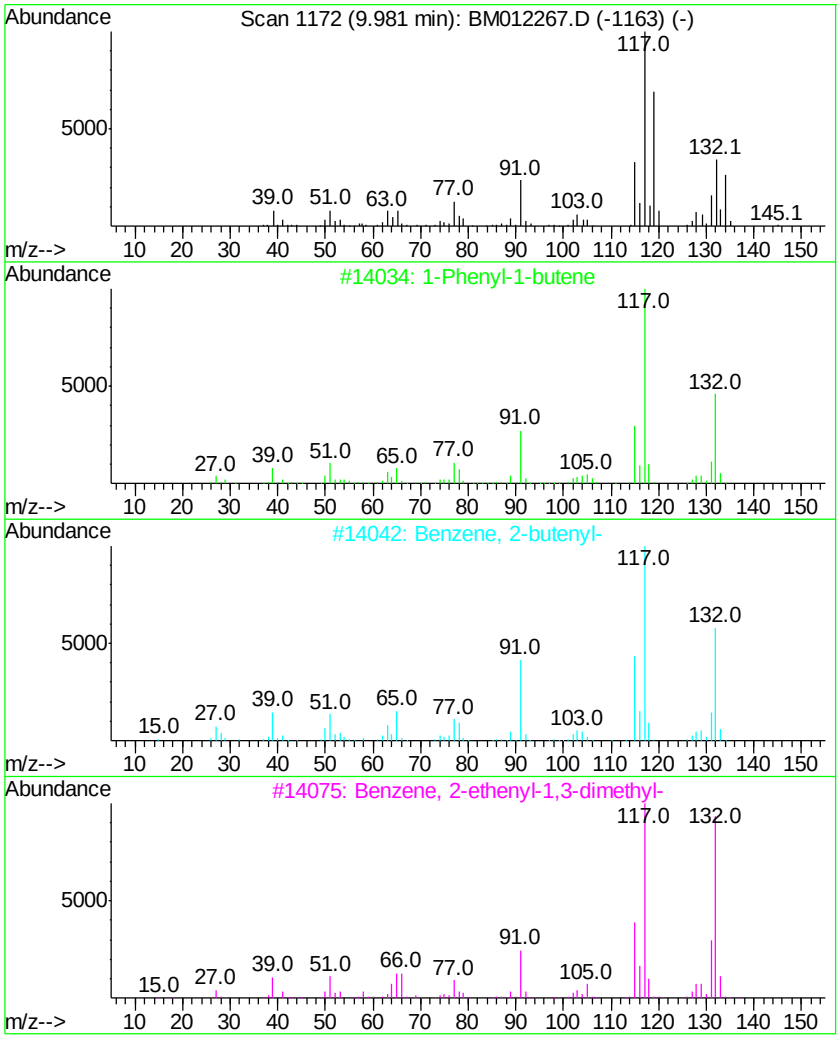
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

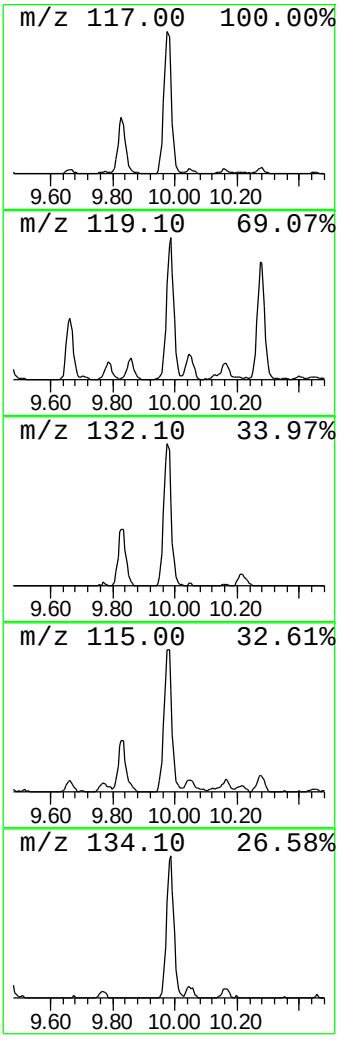
**********

Peak Number 4 1-Phenyl-1-butene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.98 | 7.86 ng/ul | 815262 | Naphthalene-d8 | 10.59 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 96 |
| 2 | Benzene, 2-butenyl- | 132 | C10H12 | 001560-06-1 | 86 |
| 3 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 86 |
| 4 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 70 |
| 5 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 70 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

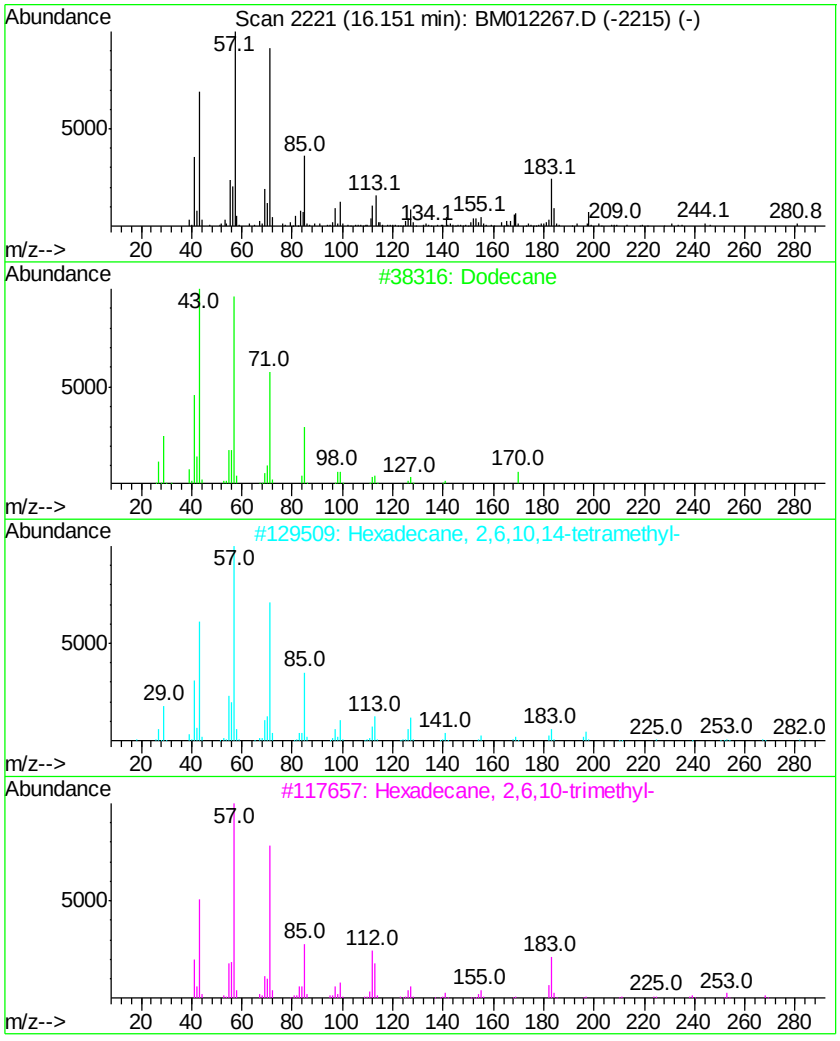
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

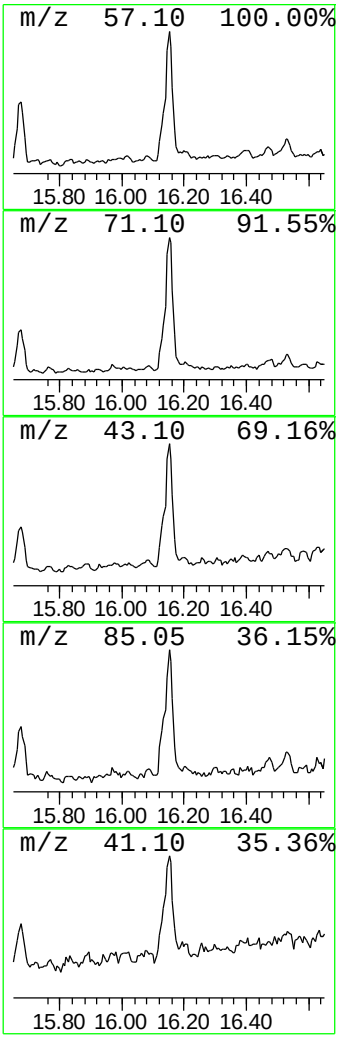
**********

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.15 | 3.33 ng/ul | 500218 | Phenanthrene-d10 | 17.19 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane | 170 | C12H26 | 000112-40-3 | 89 |
| 2 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 80 |
| 3 | Hexadecane, 2,6,10-trimethyl- | 268 | C19H40 | 055000-52-7 | 80 |
| 4 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 72 |
| 5 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 72 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

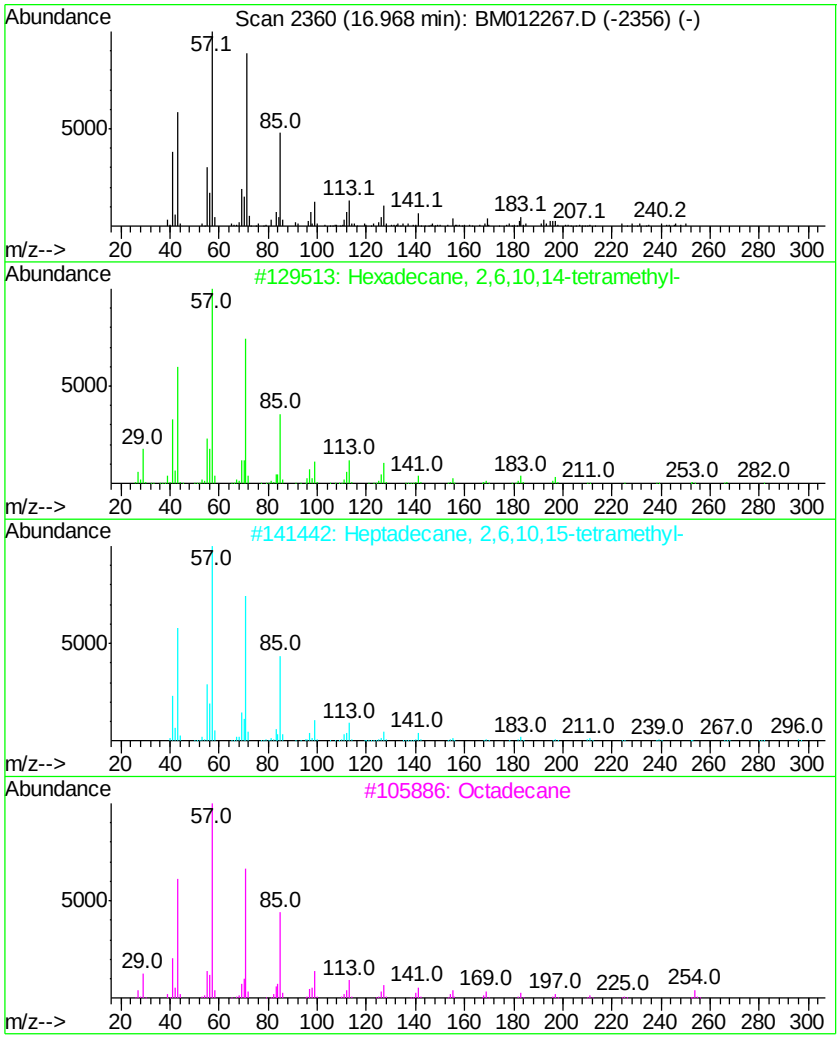
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

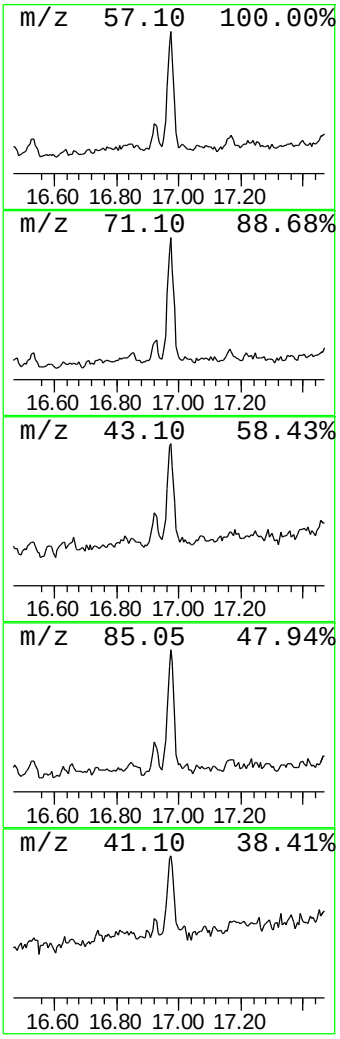
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.97 | 2.49 ng/ul | 373923 | Phenanthrene-d10 | 17.19 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 90 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 87 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 86 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 5 | Decane, 3,7-dimethyl- | 170 | C12H26 | 017312-54-8 | 83 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

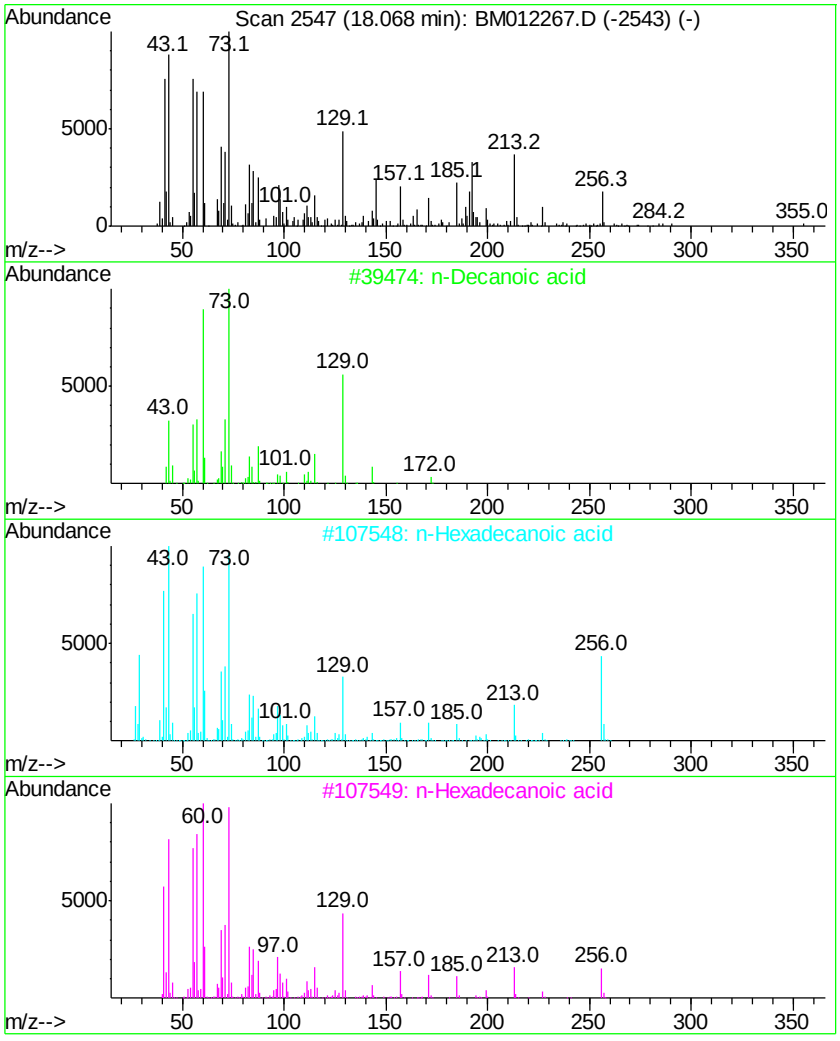
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

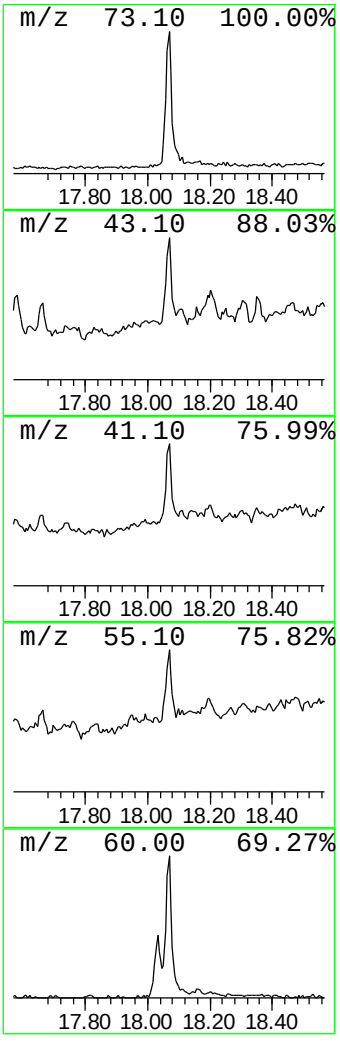
**********

Peak Number 7 n-Decanoic acid Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.07 | 2.91 ng/ul | 436947 | Phenanthrene-d10 | 17.19 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 83 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 78 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 70 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 60 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 55 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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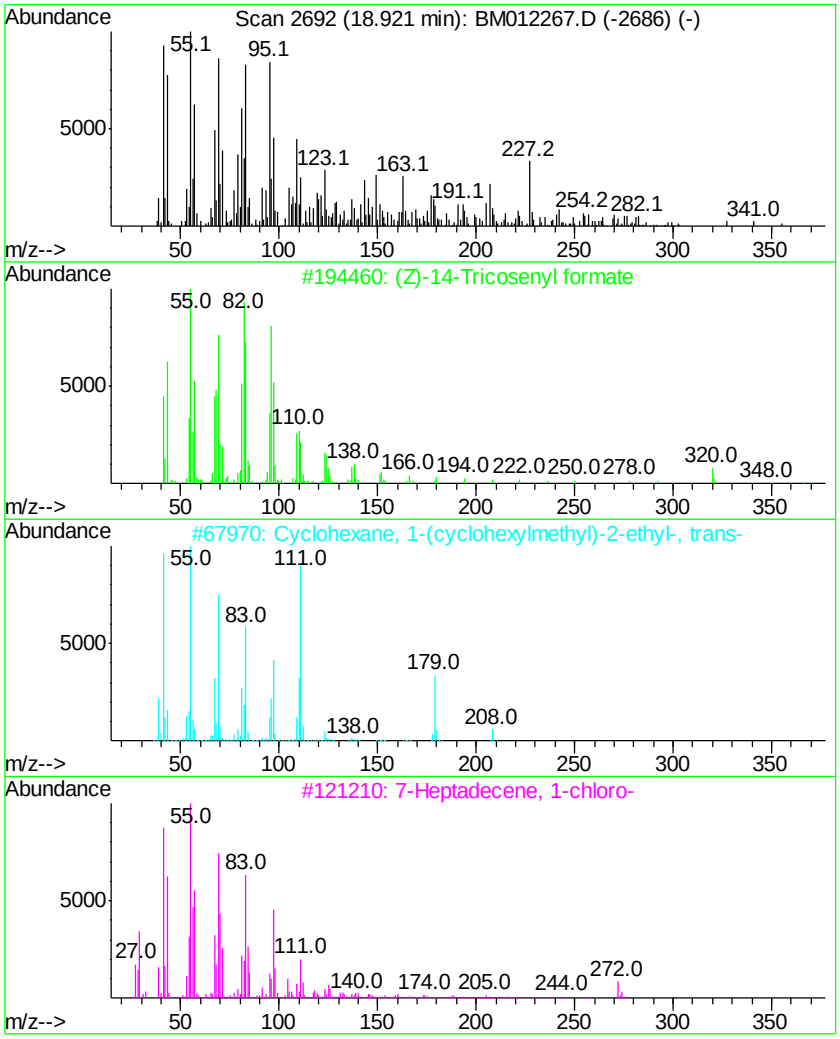
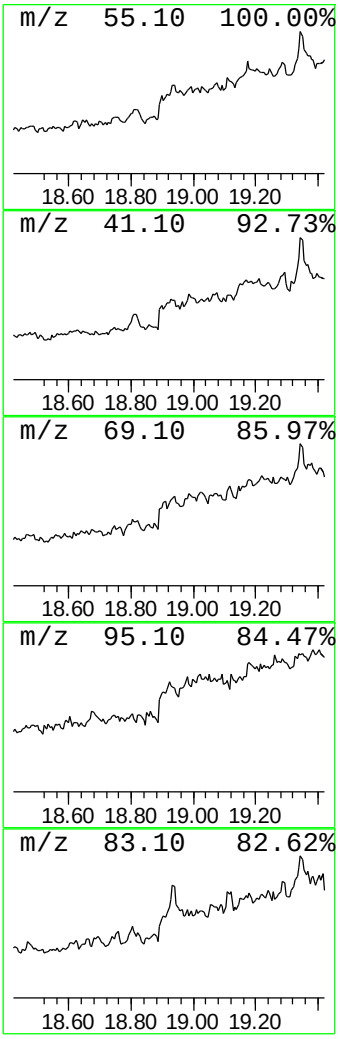
Peak Number 8 unknown-01 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.92 | 4.46 ng/ul | 670630 | Phenanthrene-d10 | 17.19 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (Z)-14-Tricosenyl formate | 366 | C24H46O2 | 077899-10-6 | 46 |
| 2 | Cyclohexane, 1-(cyclohexylmethyl... | 208 | C15H28 | 054934-92-8 | 46 |
| 3 | 7-Heptadecene, 1-chloro- | 272 | C17H33Cl | 056554-78-0 | 45 |
| 4 | Cyclopropane, 1-(1,2-dimethylpro... | 252 | C18H36 | 041977-42-8 | 45 |
| 5 | 9-Octadecene, (E)- | 252 | C18H36 | 007206-25-9 | 41 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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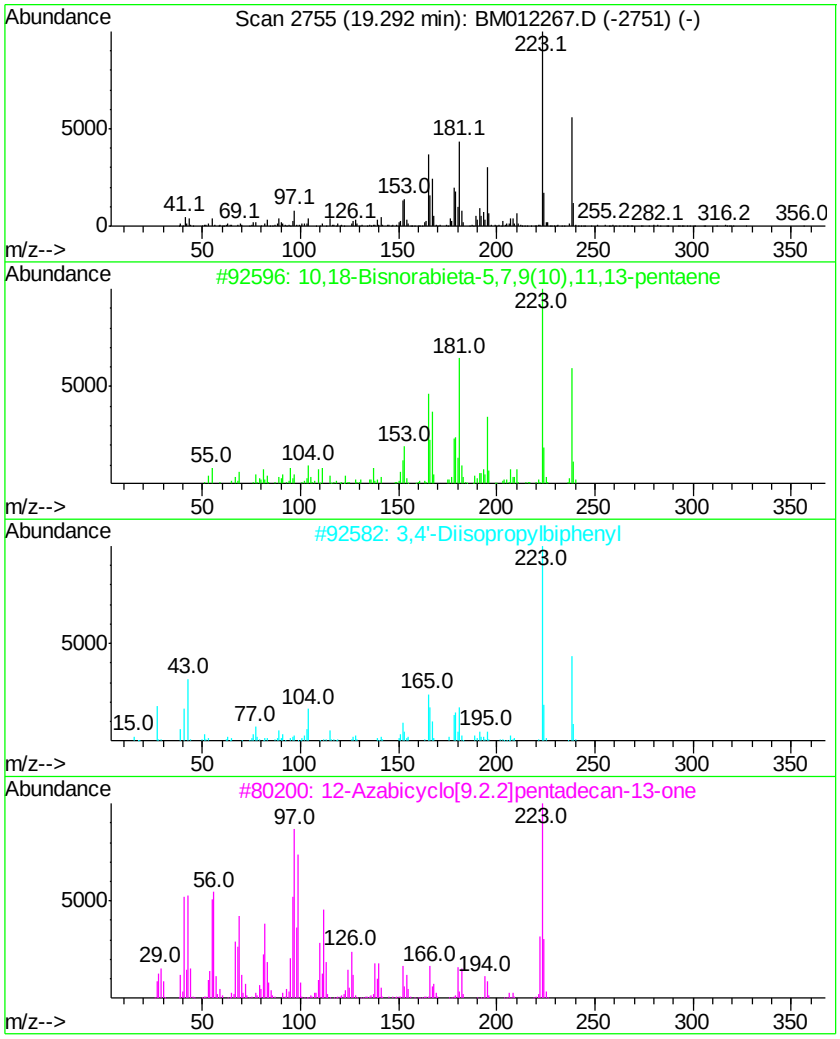
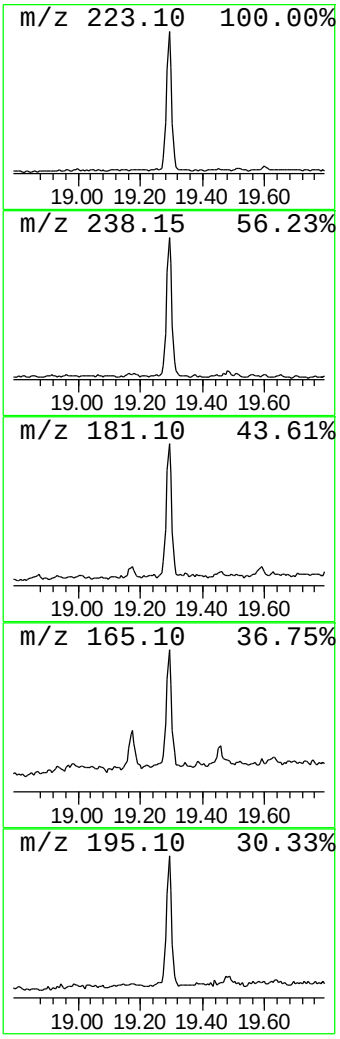
Peak Number 9 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.29 | 5.46 ng/ul | 1051100 | Chrysene-d12 | 21.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10,18-Bisnorabieta-5,7,9(10),11,... | 238 | C18H22 | 006566-19-4 | 99 |
| 2 | 3,4'-Diisopropylbiphenyl | 238 | C18H22 | 061434-46-6 | 62 |
| 3 | 12-Azabicyclo[9.2.2]pentadecan-1... | 223 | C14H25NO | 1000191-26-7 | 60 |
| 4 | 4,4'-Diisopropylbiphenyl | 238 | C18H22 | 018970-30-4 | 60 |
| 5 | Anthraquinone, 2-amino- | 223 | C14H9NO2 | 000117-79-3 | 45 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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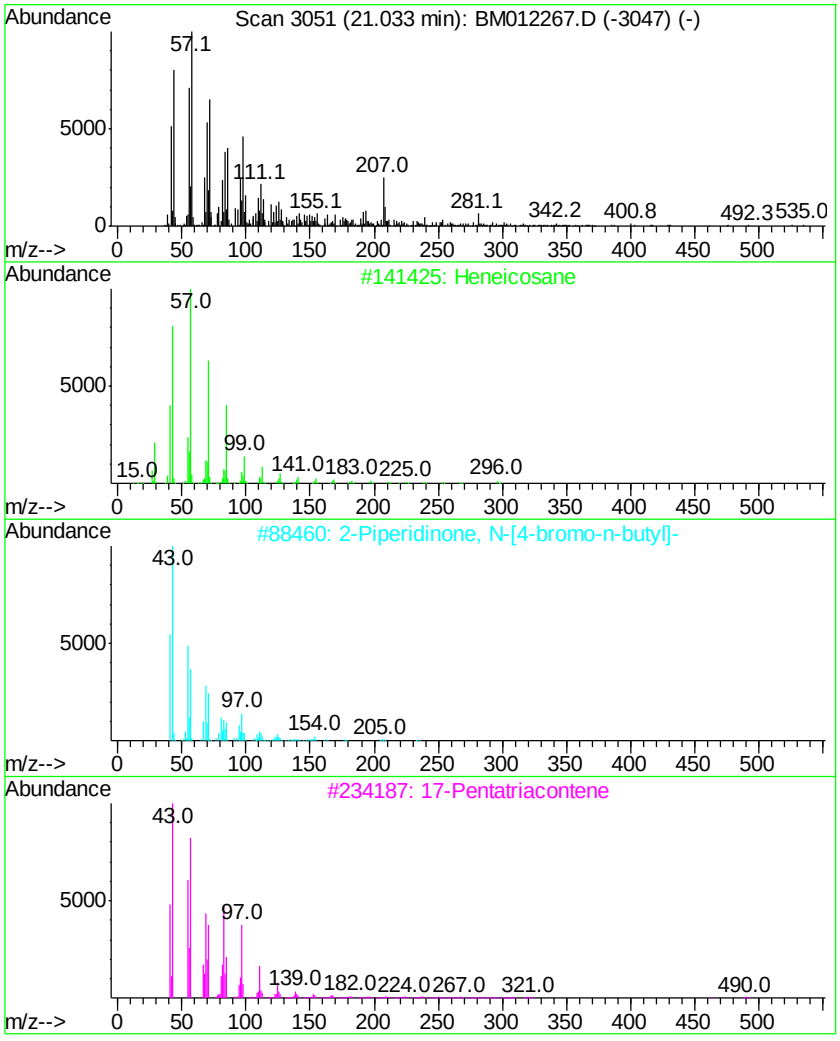
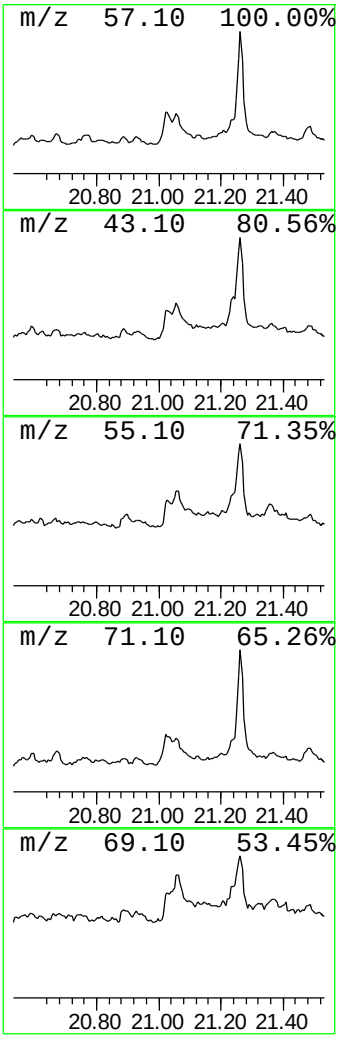
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.03 | 5.16 ng/ul | 992611 | Chrysene-d12 | 21.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 83 |
| 2 | 2-Piperidinone, N-[4-bromo-n-but... | 233 | C9H16BrNO | 195194-80-0 | 70 |
| 3 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 58 |
| 4 | Octadecane, 1-(ethenyloxy)- | 296 | C20H40O | 000930-02-9 | 53 |
| 5 | Tetratriacontane | 479 | C34H70 | 014167-59-0 | 52 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101717\
Data File : BM012267.D
Acq On : 18 Oct 2017 02:22
Operator : SJ/JU
Sample : I5664-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B64

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA 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 |
| Benzene, 2-ethyl-... | 8.88 | 10.2 | ng/ul | 782849 | 1 | 7.79 | 1532760 | 20.0 |
| Benzene, 1,2,4,5-... | 9.40 | 6.3 | ng/ul | 658327 | 2 | 10.59 | 2073420 | 20.0 |
| Benzene, 1-etheny... | 9.83 | 2.6 | ng/ul | 271572 | 2 | 10.59 | 2073420 | 20.0 |
| 1-Phenyl-1-butene | 9.98 | 7.9 | ng/ul | 815262 | 2 | 10.59 | 2073420 | 20.0 |
| (DEL) Alkane: Str... | 16.15 | 3.3 | ng/ul | 500218 | 4 | 17.19 | 3006240 | 20.0 |
| (DEL) Alkane: Str... | 16.97 | 2.5 | ng/ul | 373923 | 4 | 17.19 | 3006240 | 20.0 |
| n-Decanoic acid | 18.07 | 2.9 | ng/ul | 436947 | 4 | 17.19 | 3006240 | 20.0 |
| unknown-01 | 18.92 | 4.5 | ng/ul | 670630 | 4 | 17.19 | 3006240 | 20.0 |
| 10,18-Bisnorabiet... | 19.29 | 5.5 | ng/ul | 1051100 | 5 | 21.37 | 3850560 | 20.0 |
| (DEL) Alkane: Str... | 21.03 | 5.2 | ng/ul | 992611 | 5 | 21.37 | 3850560 | 20.0 |