LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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 | 3.560 | 136 | 140 | 150 | rVB | 33235 | 53382 | 1.56% | 0.156% |
| 2 | 4.478 | 290 | 296 | 302 | rBV2 | 28188 | 45625 | 1.34% | 0.133% |
| 3 | 4.796 | 338 | 350 | 353 | rBV2 | 19836 | 56064 | 1.64% | 0.163% |
| 4 | 4.925 | 366 | 372 | 391 | rBV | 1368614 | 1980574 | 57.97% | 5.772% |
| 5 | 5.331 | 434 | 441 | 446 | rVB7 | 24428 | 49438 | 1.45% | 0.144% |
| 6 | 6.501 | 633 | 640 | 657 | rVB | 1225625 | 2017920 | 59.06% | 5.880% |
| 7 | 6.925 | 706 | 712 | 722 | rBV4 | 58645 | 142140 | 4.16% | 0.414% |
| 8 | 7.278 | 764 | 772 | 781 | rBV2 | 481633 | 729473 | 21.35% | 2.126% |
| 9 | 7.507 | 807 | 811 | 814 | rBV | 48848 | 64598 | 1.89% | 0.188% |
| 10 | 7.543 | 814 | 817 | 826 | rVB6 | 23102 | 41756 | 1.22% | 0.122% |
| 11 | 7.813 | 857 | 863 | 868 | rBV2 | 84713 | 126832 | 3.71% | 0.370% |
| 12 | 7.948 | 883 | 886 | 894 | rVB | 40507 | 59895 | 1.75% | 0.175% |
| 13 | 8.148 | 913 | 920 | 924 | rBV3 | 23668 | 42983 | 1.26% | 0.125% |
| 14 | 8.243 | 931 | 936 | 940 | rBV | 105053 | 218343 | 6.39% | 0.636% |
| 15 | 8.431 | 961 | 968 | 977 | rVV | 758790 | 1226689 | 35.90% | 3.575% |
| 16 | 8.507 | 977 | 981 | 990 | rVB | 45933 | 72252 | 2.11% | 0.211% |
| 17 | 8.619 | 990 | 1000 | 1006 | rVB | 18350 | 57161 | 1.67% | 0.167% |
| 18 | 9.466 | 1139 | 1144 | 1147 | rBV3 | 23739 | 37154 | 1.09% | 0.108% |
| 19 | 9.919 | 1215 | 1221 | 1230 | rVB8 | 21282 | 65048 | 1.90% | 0.190% |
| 20 | 10.031 | 1230 | 1240 | 1246 | rBV | 544981 | 941151 | 27.55% | 2.743% |
| 21 | 10.084 | 1246 | 1249 | 1254 | rVB | 58875 | 87365 | 2.56% | 0.255% |
| 22 | 10.225 | 1267 | 1273 | 1278 | rBV | 76793 | 112877 | 3.30% | 0.329% |
| 23 | 10.525 | 1320 | 1324 | 1333 | rVB7 | 18100 | 39806 | 1.17% | 0.116% |
| 24 | 10.719 | 1352 | 1357 | 1365 | rVB10 | 20109 | 50616 | 1.48% | 0.148% |
| 25 | 10.895 | 1380 | 1387 | 1392 | rBV6 | 25330 | 53798 | 1.57% | 0.157% |
| 26 | 10.972 | 1394 | 1400 | 1406 | rVB4 | 26668 | 52719 | 1.54% | 0.154% |
| 27 | 11.084 | 1413 | 1419 | 1424 | rBV2 | 135434 | 224031 | 6.56% | 0.653% |
| 28 | 11.325 | 1455 | 1460 | 1467 | rVB7 | 20541 | 38320 | 1.12% | 0.112% |
| 29 | 11.495 | 1485 | 1489 | 1495 | rVB | 31449 | 48113 | 1.41% | 0.140% |
| 30 | 11.713 | 1521 | 1526 | 1533 | rVB3 | 68589 | 147593 | 4.32% | 0.430% |
| 31 | 12.201 | 1605 | 1609 | 1616 | rBV5 | 30793 | 66276 | 1.94% | 0.193% |
| 32 | 12.266 | 1618 | 1620 | 1628 | rVB9 | 28052 | 39525 | 1.16% | 0.115% |
| 33 | 12.342 | 1628 | 1633 | 1638 | rBV2 | 45661 | 76573 | 2.24% | 0.223% |
| 34 | 12.483 | 1653 | 1657 | 1663 | rBV | 139297 | 219794 | 6.43% | 0.641% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.548 | 1663 | 1668 | 1676 | rVB | 1566716 | 2287053 | 66.94% | 6.665% |
| 36 | 12.701 | 1691 | 1694 | 1698 | rVB3 | 32847 | 38901 | 1.14% | 0.113% |
| 37 | 12.742 | 1698 | 1701 | 1706 | rBV5 | 31061 | 57760 | 1.69% | 0.168% |
| 38 | 12.801 | 1706 | 1711 | 1716 | rVB3 | 44244 | 89015 | 2.61% | 0.259% |
| 39 | 12.925 | 1728 | 1732 | 1741 | rVB7 | 44008 | 107603 | 3.15% | 0.314% |
| 40 | 13.101 | 1758 | 1762 | 1764 | rBV4 | 33945 | 47808 | 1.40% | 0.139% |
| 41 | 13.260 | 1785 | 1789 | 1793 | rBV5 | 41286 | 64154 | 1.88% | 0.187% |
| 42 | 13.313 | 1793 | 1798 | 1801 | rBV6 | 24541 | 48661 | 1.42% | 0.142% |
| 43 | 13.354 | 1801 | 1805 | 1810 | rVB2 | 118357 | 151582 | 4.44% | 0.442% |
| 44 | 13.425 | 1812 | 1817 | 1820 | rBV | 209192 | 306991 | 8.98% | 0.895% |
| 45 | 13.460 | 1820 | 1823 | 1828 | rVB | 191766 | 248989 | 7.29% | 0.726% |
| 46 | 13.672 | 1854 | 1859 | 1864 | rVB2 | 99722 | 155314 | 4.55% | 0.453% |
| 47 | 13.730 | 1865 | 1869 | 1872 | rVV4 | 31123 | 47248 | 1.38% | 0.138% |
| 48 | 13.772 | 1872 | 1876 | 1881 | rVB2 | 96529 | 129883 | 3.80% | 0.378% |
| 49 | 13.889 | 1893 | 1896 | 1901 | rBV4 | 46497 | 92391 | 2.70% | 0.269% |
| 50 | 13.948 | 1901 | 1906 | 1912 | rVV | 689962 | 958372 | 28.05% | 2.793% |
| 51 | 14.230 | 1951 | 1954 | 1959 | rVB2 | 42314 | 58006 | 1.70% | 0.169% |
| 52 | 14.513 | 1996 | 2002 | 2007 | rBV4 | 139346 | 280328 | 8.20% | 0.817% |
| 53 | 14.583 | 2011 | 2014 | 2017 | rBV5 | 49104 | 76799 | 2.25% | 0.224% |
| 54 | 14.748 | 2039 | 2042 | 2047 | rVB4 | 109056 | 153638 | 4.50% | 0.448% |
| 55 | 14.919 | 2067 | 2071 | 2074 | rBV2 | 73550 | 116865 | 3.42% | 0.341% |
| 56 | 14.989 | 2080 | 2083 | 2085 | rBV | 55124 | 71150 | 2.08% | 0.207% |
| 57 | 15.260 | 2126 | 2129 | 2133 | rVB | 168100 | 228848 | 6.70% | 0.667% |
| 58 | 15.460 | 2158 | 2163 | 2171 | rBV | 1366109 | 1876089 | 54.91% | 5.467% |
| 59 | 15.748 | 2208 | 2212 | 2216 | rVB | 427919 | 578208 | 16.92% | 1.685% |
| 60 | 16.566 | 2348 | 2351 | 2356 | rVB | 306121 | 416528 | 12.19% | 1.214% |
| 61 | 16.713 | 2372 | 2376 | 2380 | rBV | 776955 | 1037454 | 30.36% | 3.023% |
| 62 | 16.754 | 2380 | 2383 | 2388 | rVB | 259611 | 348830 | 10.21% | 1.017% |
| 63 | 16.842 | 2396 | 2398 | 2404 | rVB | 152358 | 189731 | 5.55% | 0.553% |
| 64 | 17.660 | 2535 | 2537 | 2541 | rVB2 | 256312 | 267405 | 7.83% | 0.779% |
| 65 | 18.795 | 2726 | 2730 | 2737 | rVB | 576484 | 717202 | 20.99% | 2.090% |
| 66 | 19.159 | 2788 | 2792 | 2795 | rBV | 456939 | 541093 | 15.84% | 1.577% |
| 67 | 19.383 | 2826 | 2830 | 2841 | rVB | 2846785 | 3416772 | 100.00% | 9.957% |
| 68 | 20.695 | 3050 | 3053 | 3058 | rVB2 | 752383 | 918876 | 26.89% | 2.678% |
| 69 | 20.853 | 3077 | 3080 | 3083 | rBV | 435975 | 515889 | 15.10% | 1.503% |
| 70 | 20.895 | 3084 | 3087 | 3090 | rVV | 1684109 | 1755981 | 51.39% | 5.117% |
| 71 | 20.942 | 3090 | 3095 | 3099 | rVV2 | 1128420 | 1761733 | 51.56% | 5.134% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 21.106 | 3120 | 3123 | 3125 | rBV | 889540 | 954305 | 27.93% | 2.781% |
| 73 | 23.012 | 3444 | 3447 | 3453 | rVB2 | 894441 | 1338398 | 39.17% | 3.900% |
| 74 | 25.000 | 3781 | 3785 | 3803 | rVB3 | 978210 | 2577891 | 75.45% | 7.512% |

Sum of corrected areas: 34315628

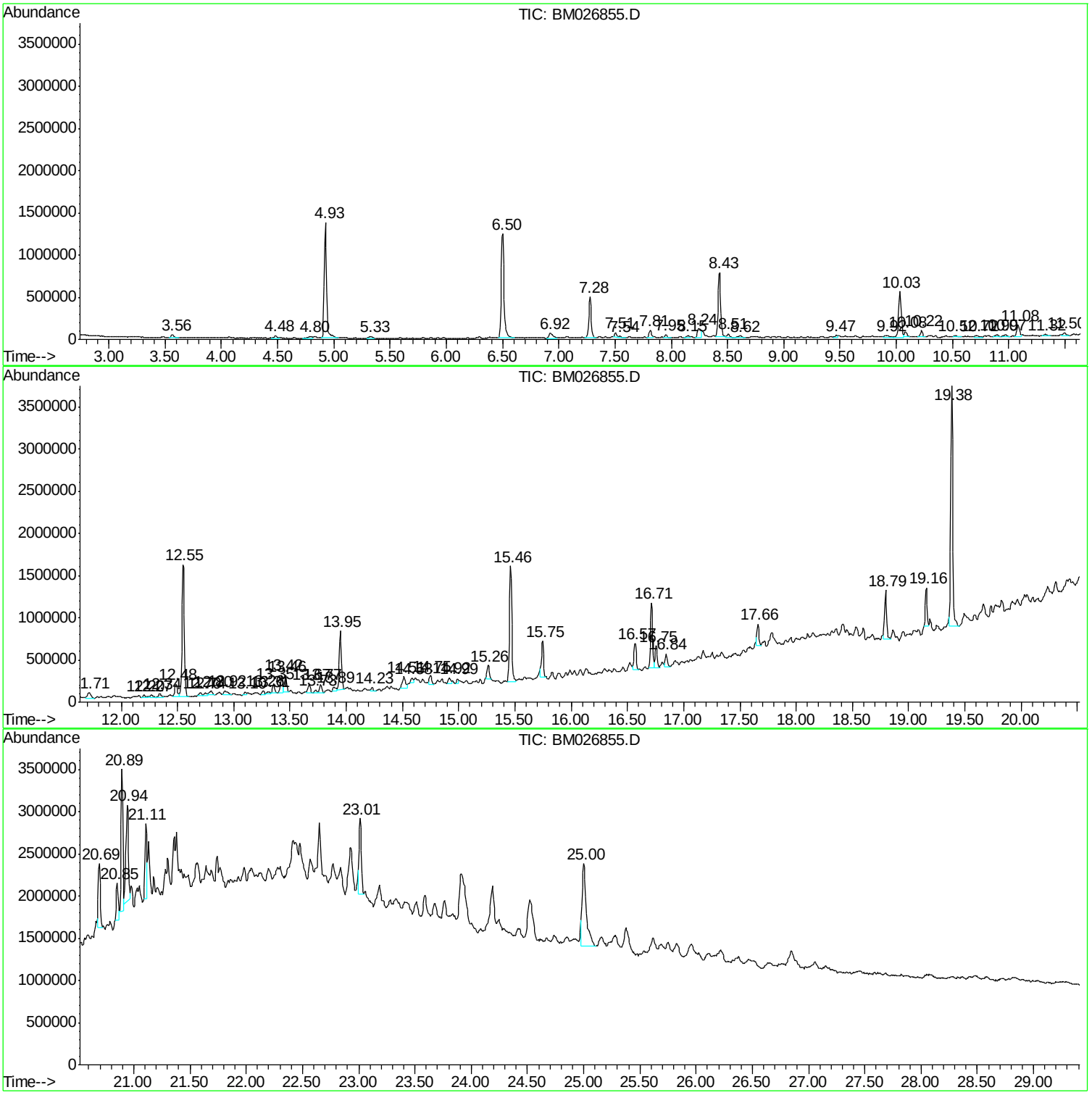
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

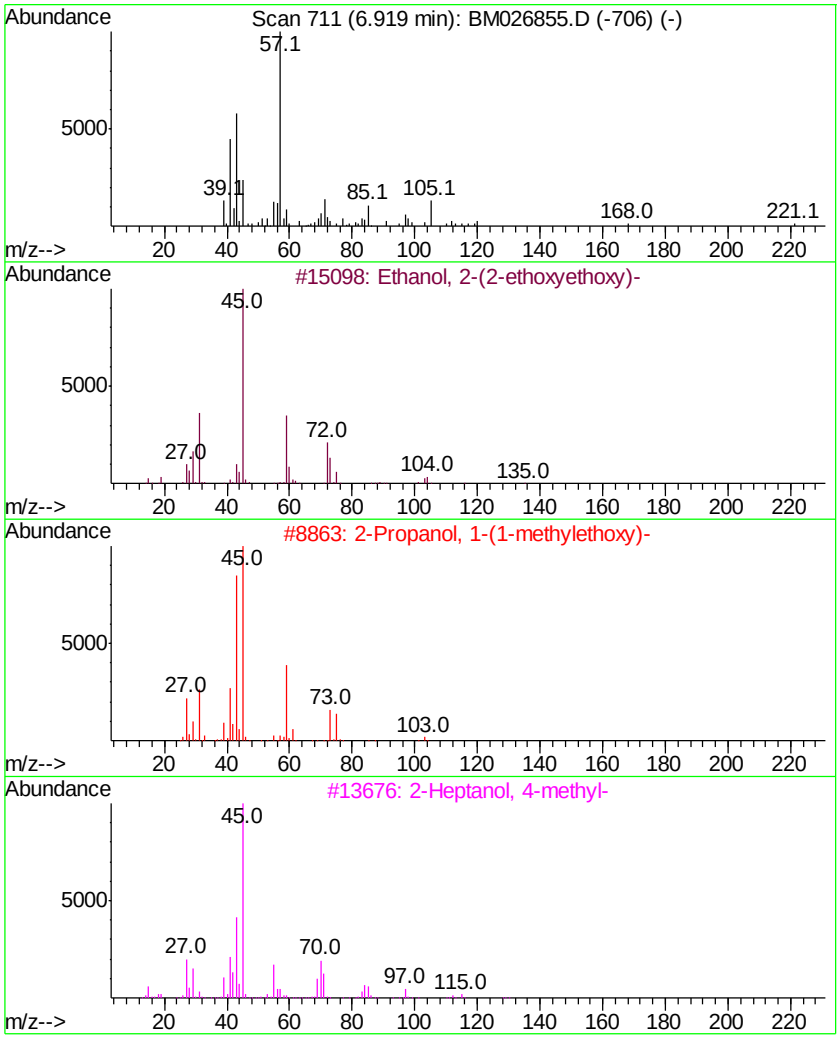
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

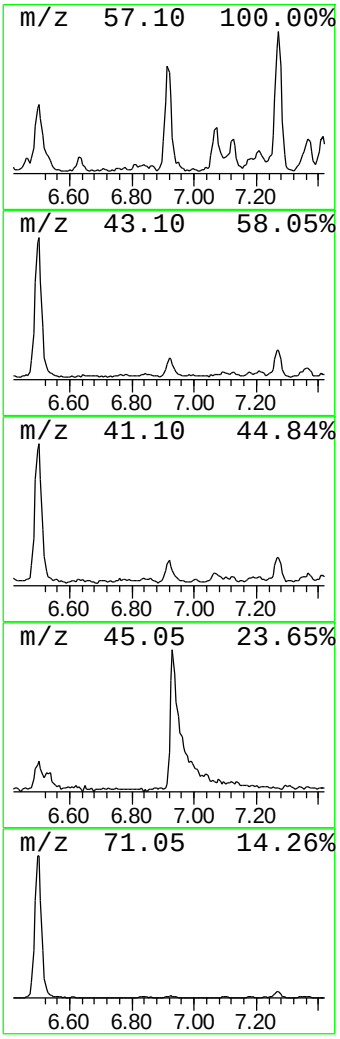
**********

Peak Number 1 unknown6.92 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.92 | 3.90 ng | 142140 | 1,4-Dichlorobenzene-d4 | 7.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 47 |
| 2 | 2-Propanol, 1-(1-methylethoxy)- | 118 | C6H14O2 | 003944-36-3 | 38 |
| 3 | 2-Heptanol, 4-methyl- | 130 | C8H18O | 056298-90-9 | 38 |
| 4 | Diethyl carbitol | 162 | C8H18O3 | 000112-36-7 | 38 |
| 5 | Phenelzine | 136 | C8H12N2 | 000051-71-8 | 27 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

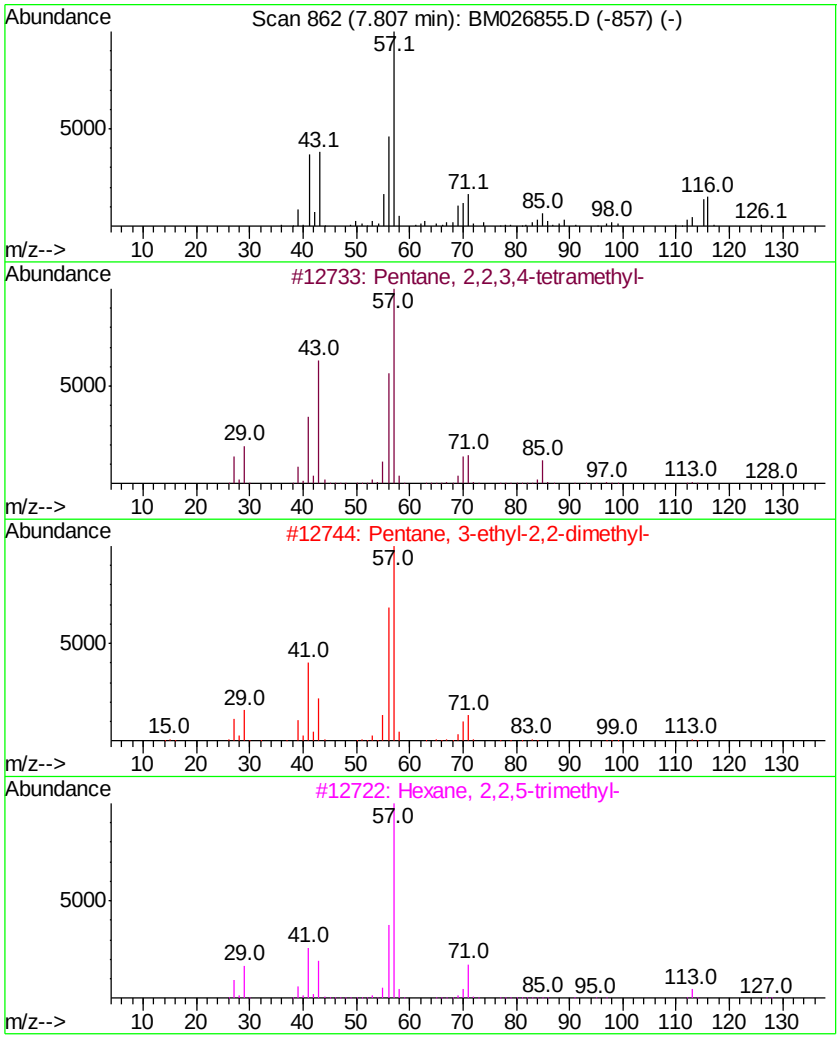
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

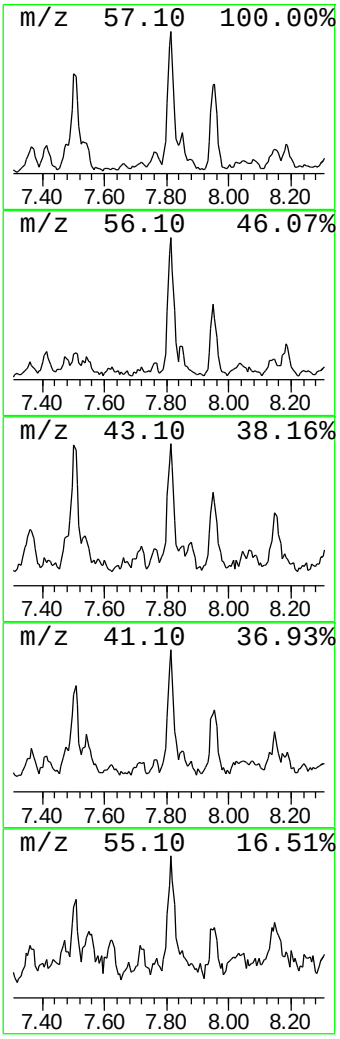
**********

Peak Number 2 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.81 | 3.48 ng | 126832 | 1,4-Dichlorobenzene-d4 | 7.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20 | 001186-53-4 | 53 |
| 2 | Pentane, 3-ethyl-2,2-dimethyl- | 128 | C9H20 | 016747-32-3 | 50 |
| 3 | Hexane, 2,2,5-trimethyl- | 128 | C9H20 | 003522-94-9 | 50 |
| 4 | Heptane, 2,2,4-trimethyl- | 142 | C10H22 | 014720-74-2 | 50 |
| 5 | Heptane, 2,2-dimethyl- | 128 | C9H20 | 001071-26-7 | 47 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

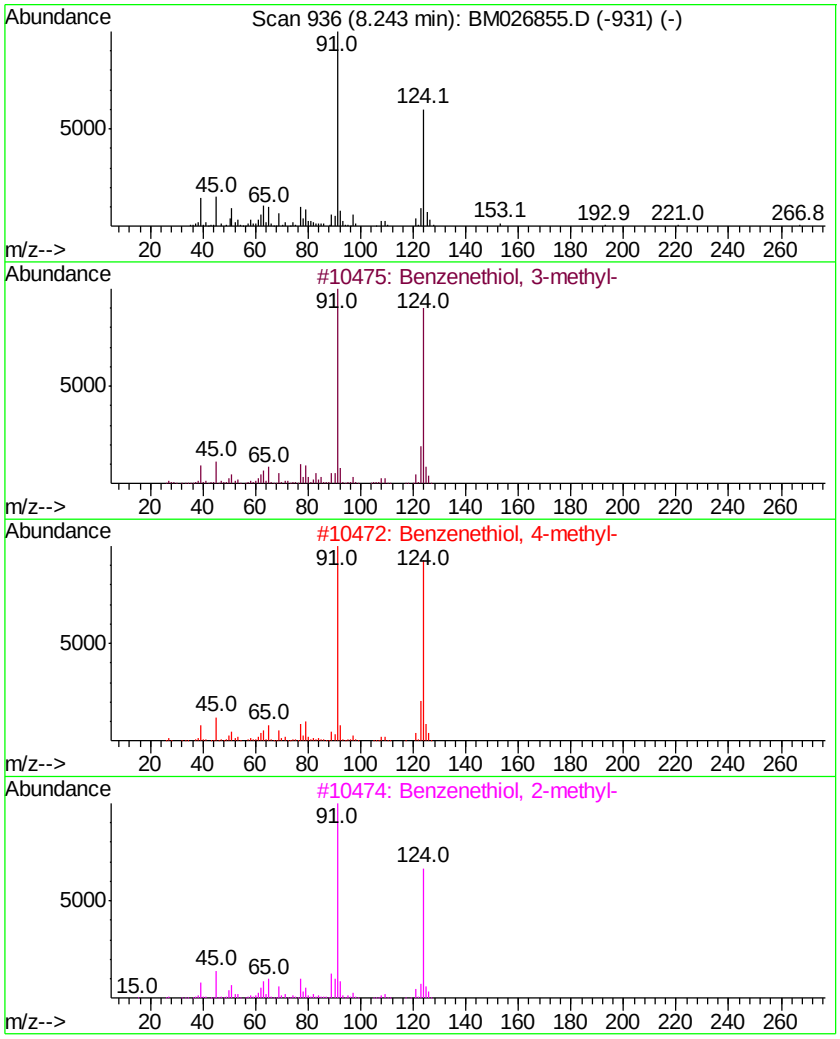
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

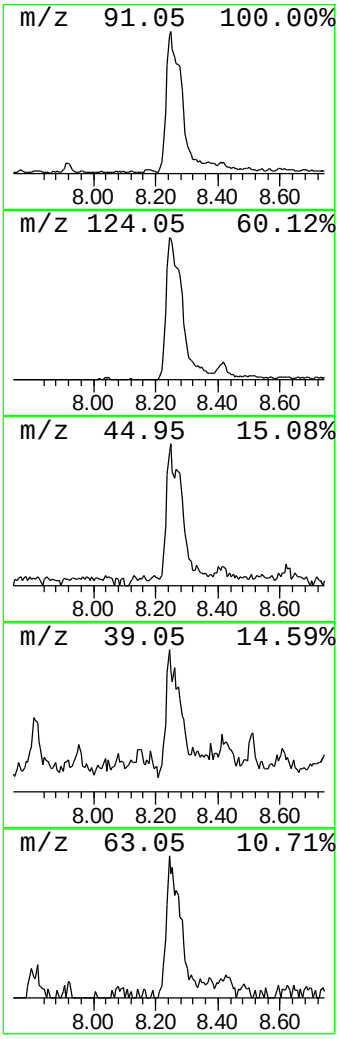
**********

Peak Number 3 Benzenethiol, 3-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.24 | 5.99 ng | 218343 | 1,4-Dichlorobenzene-d4 | 7.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenethiol, 3-methyl- | 124 | C7H8S | 000108-40-7 | 96 |
| 2 | Benzenethiol, 4-methyl- | 124 | C7H8S | 000106-45-6 | 91 |
| 3 | Benzenethiol, 2-methyl- | 124 | C7H8S | 000137-06-4 | 91 |
| 4 | Benzenemethanethiol | 124 | C7H8S | 000100-53-8 | 83 |
| 5 | Benzene, 1-(butylthio)-3-methyl- | 180 | C11H16S | 054576-41-9 | 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
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Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

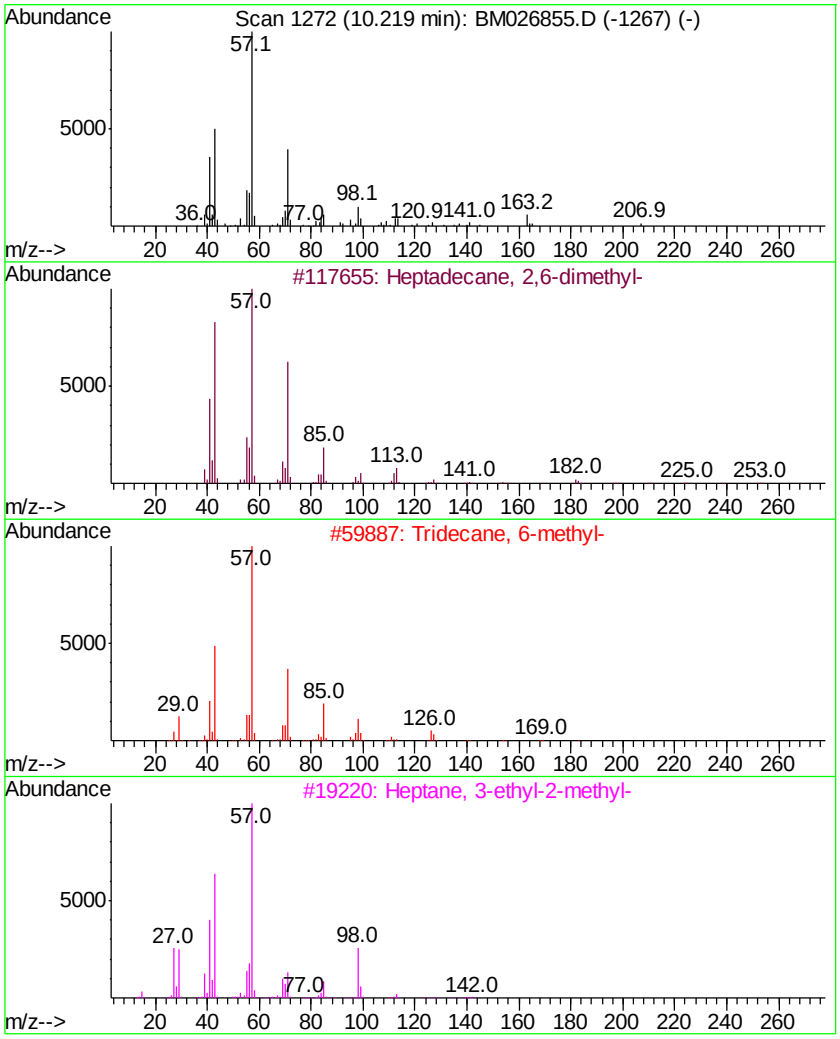
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

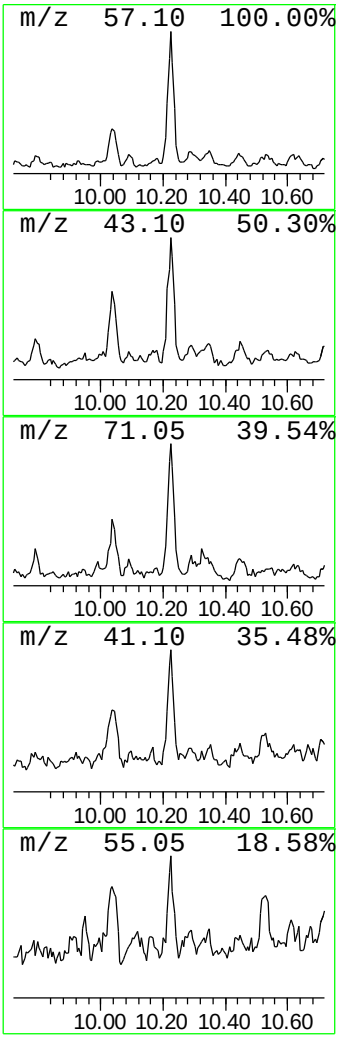
**********

Peak Number 4 Heptadecane, 2,6-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.22 | 2.40 ng | 112877 | Naphthalene-d8 | 10.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6-dimethyl- | 268 | C19H40 | 054105-67-8 | 59 |
| 2 | Tridecane, 6-methyl- | 198 | C14H30 | 013287-21-3 | 53 |
| 3 | Heptane, 3-ethyl-2-methyl- | 142 | C10H22 | 014676-29-0 | 50 |
| 4 | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1000309-19-2 | 50 |
| 5 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

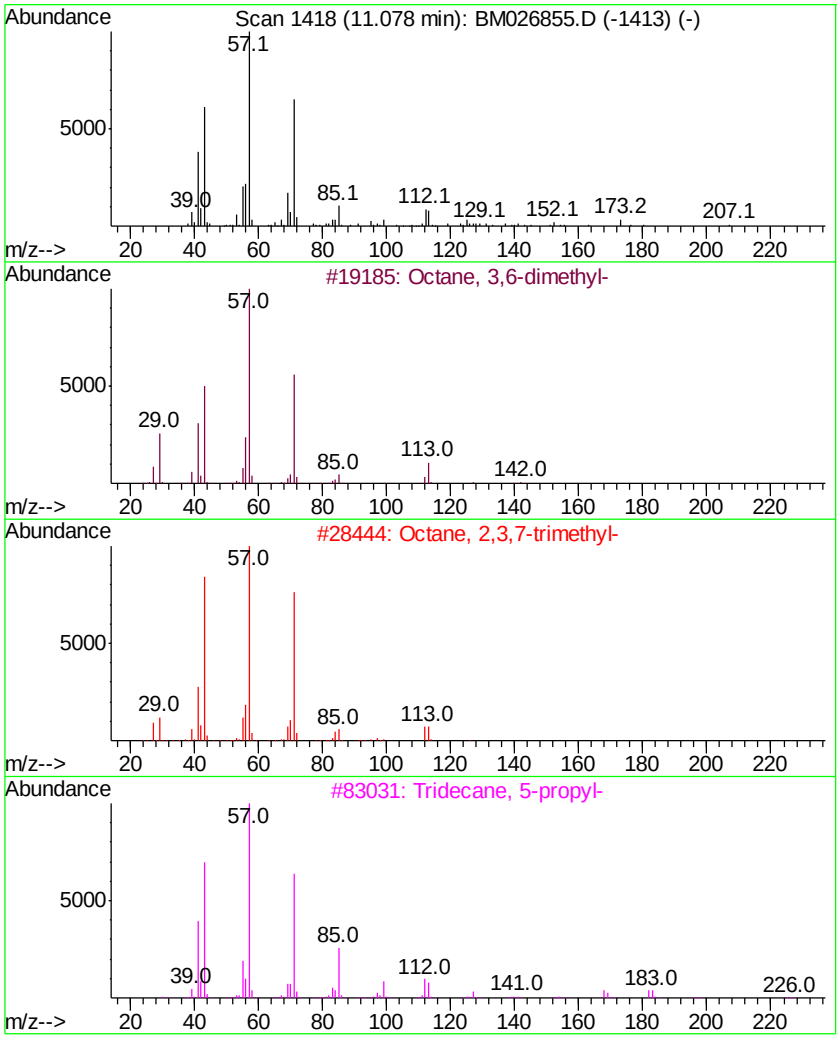
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

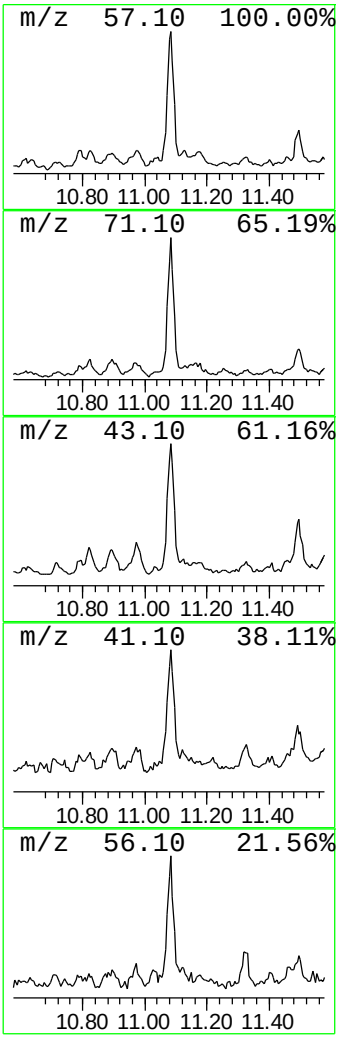
**********

Peak Number 5 Octane, 3,6-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.08 | 4.76 ng | 224031 | Naphthalene-d8 | 10.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 80 |
| 2 | Octane, 2,3,7-trimethyl- | 156 | C11H24 | 062016-34-6 | 64 |
| 3 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 59 |
| 4 | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 59 |
| 5 | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 59 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

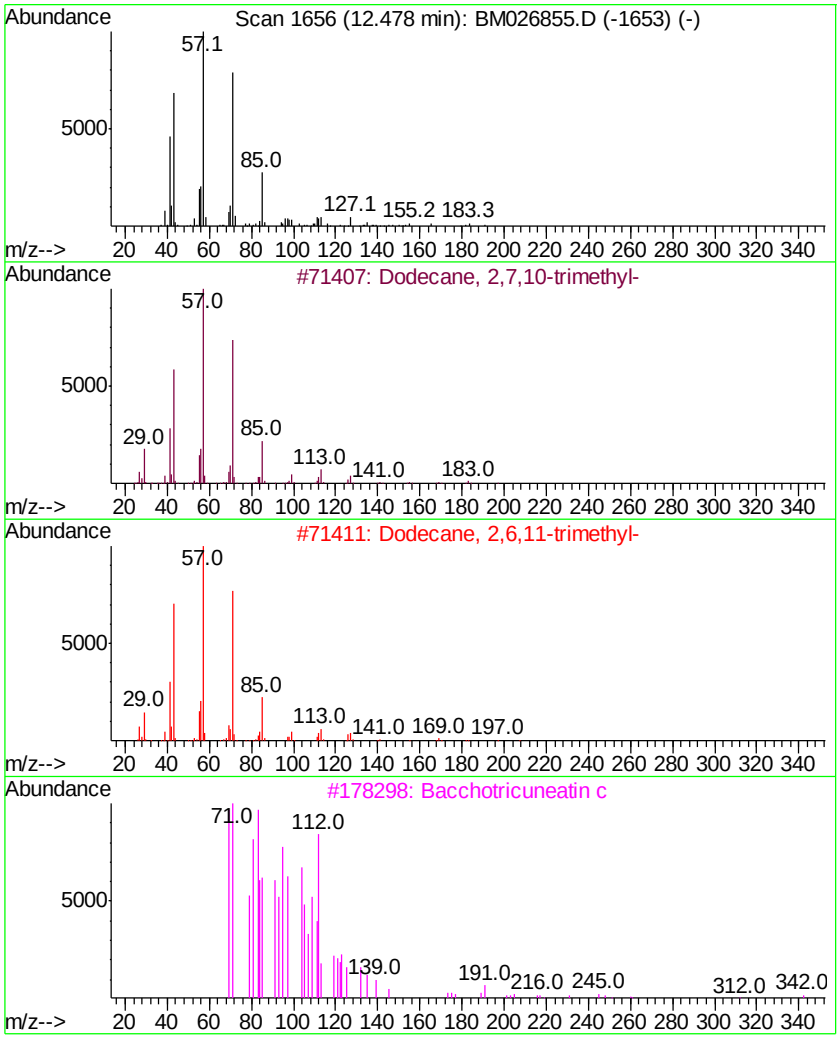
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

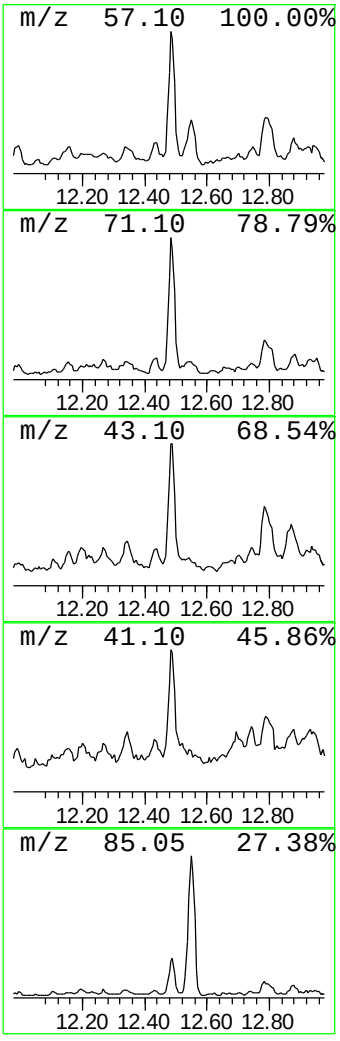
**********

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.48 | 4.59 ng | 219794 | Acenaphthene-d10 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 86 |
| 2 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 83 |
| 3 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 74 |
| 4 | Pentadecane, 7-methyl- | 226 | C16H34 | 006165-40-8 | 72 |
| 5 | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1000309-19-2 | 64 |



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Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

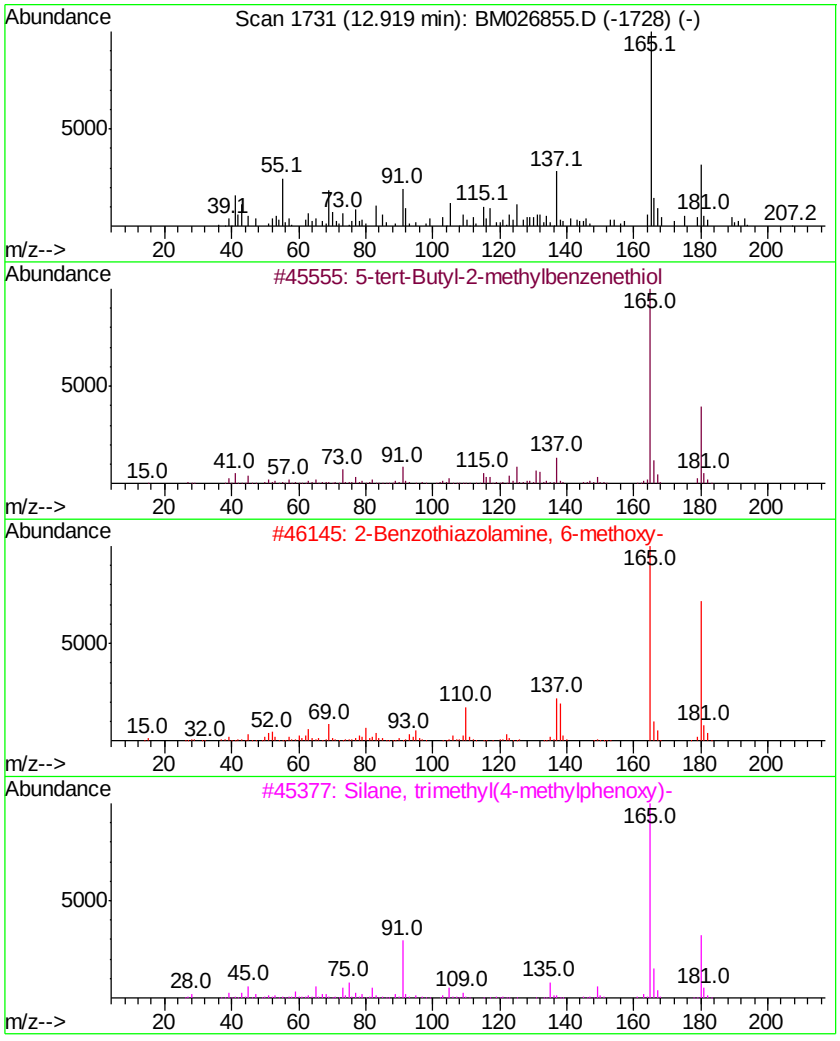
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

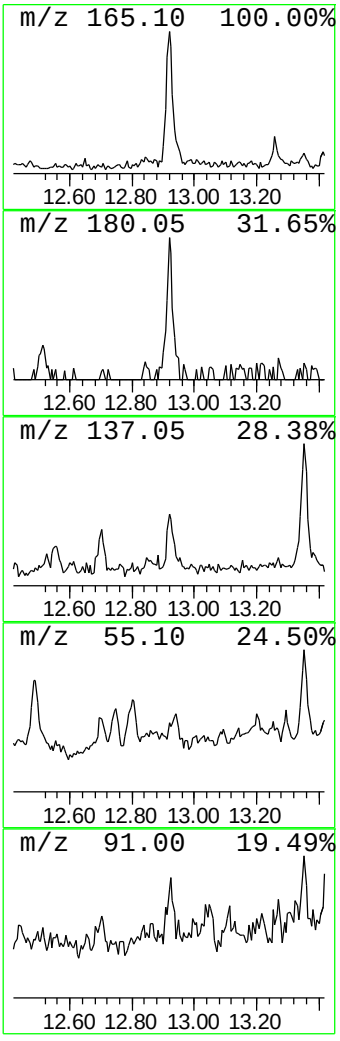
**********

Peak Number 8 5-tert-Butyl-2-methylbenzen... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.92 | 2.25 ng | 107603 | Acenaphthene-d10 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-tert-Butyl-2-methylbenzenethiol | 180 | C11H16S | 007340-90-1 | 64 |
| 2 | 2-Benzothiazolamine, 6-methoxy- | 180 | C8H8N2OS | 001747-60-0 | 62 |
| 3 | Silane, trimethyl(4-methylphenoxy)- | 180 | C10H16OSi | 017902-32-8 | 52 |
| 4 | Silane, trimethyl(3-methylphenoxy)- | 180 | C10H16OSi | 017902-31-7 | 49 |
| 5 | 2',6'-Dimethoxyacetophenone | 180 | C10H12O3 | 002040-04-2 | 49 |



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Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

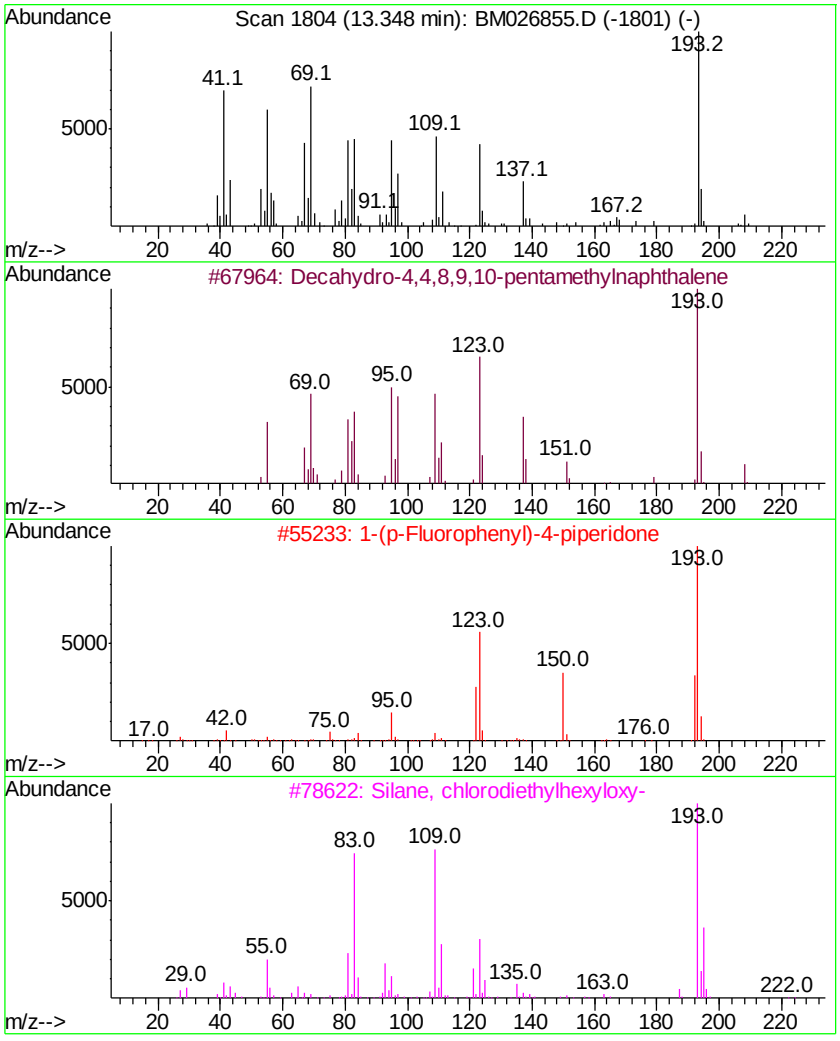
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

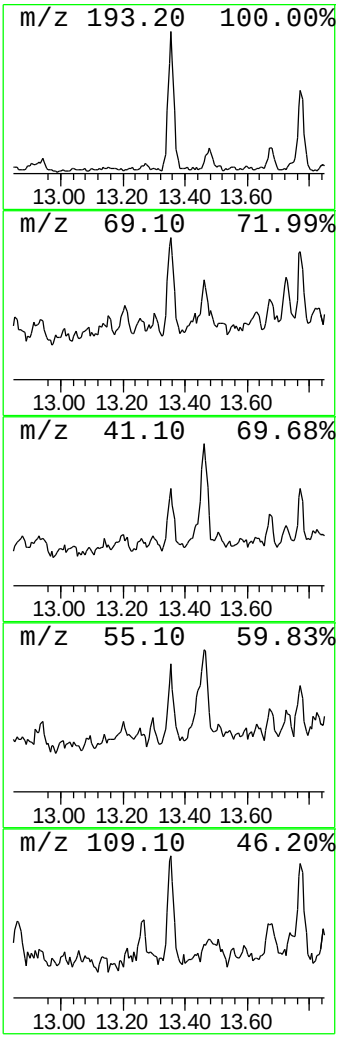
**********

Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.35 | 3.16 ng | 151582 | Acenaphthene-d10 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decahydro-4,4,8,9,10-pentamethyl... | 208 | C15H28 | 080655-44-3 | 58 |
| 2 | 1-(p-Fluorophenyl)-4-piperidone | 193 | C11H12FNO | 1000238-56-7 | 43 |
| 3 | Silane, chlorodiethylhexyloxy- | 222 | C10H23ClOSi | 1000363-74-4 | 32 |
| 4 | 9-Phenanthrenamine | 193 | C14H11N | 000947-73-9 | 22 |
| 5 | s-Triazine, 2-amino-4-(morpholin... | 278 | C13H22N6O | 021868-45-1 | 22 |



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Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

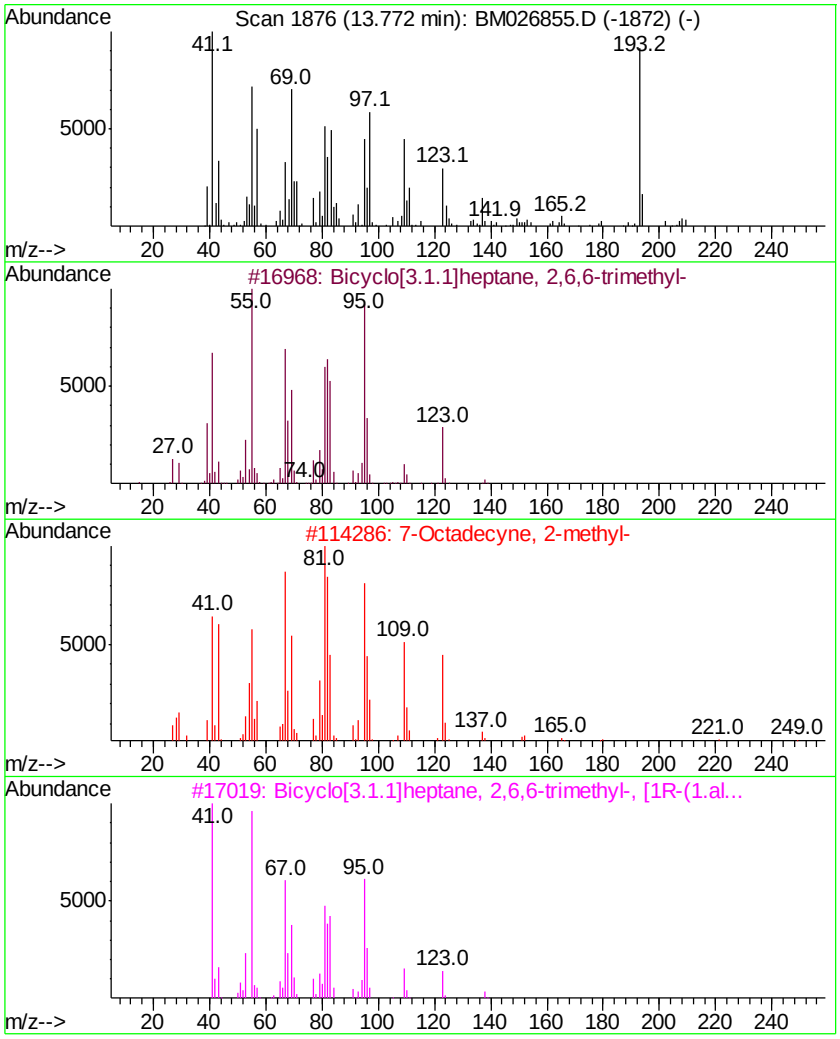
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

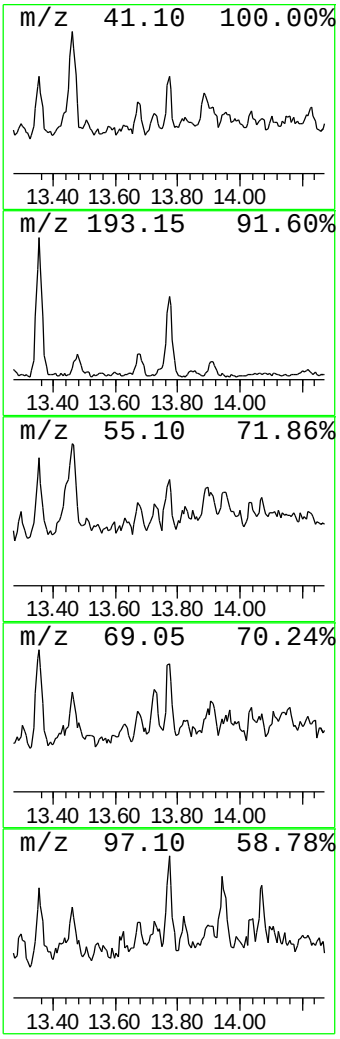
**********

Peak Number 10 unknown13.77 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.77 | 2.71 ng | 129883 | Acenaphthene-d10 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18 | 000473-55-2 | 38 |
| 2 | 7-Octadecyne, 2-methyl- | 264 | C19H36 | 035354-38-2 | 22 |
| 3 | Bicyclo[3.1.1]heptane, 2,6,6-tri... | 138 | C10H18 | 004863-59-6 | 18 |
| 4 | Cyclopentane, 2-isopropyl-1,3-di... | 140 | C10H20 | 032281-85-9 | 18 |
| 5 | 2-Anthracenamine | 193 | C14H11N | 000613-13-8 | 14 |



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Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

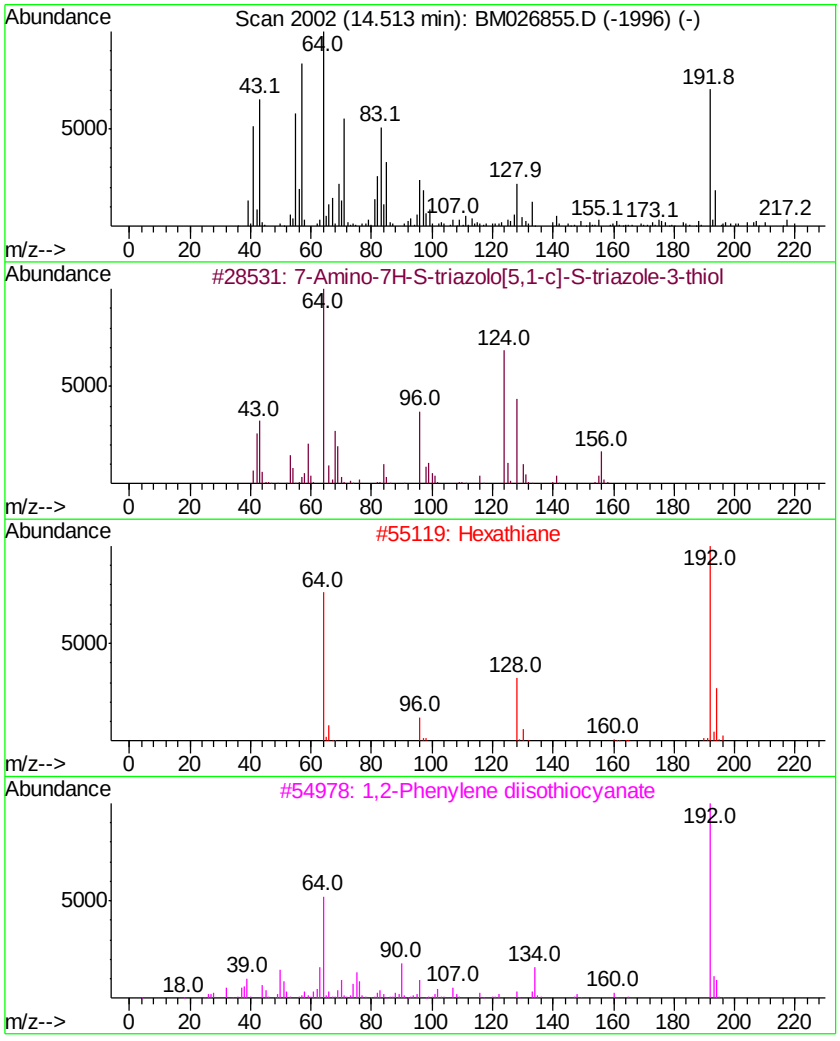
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

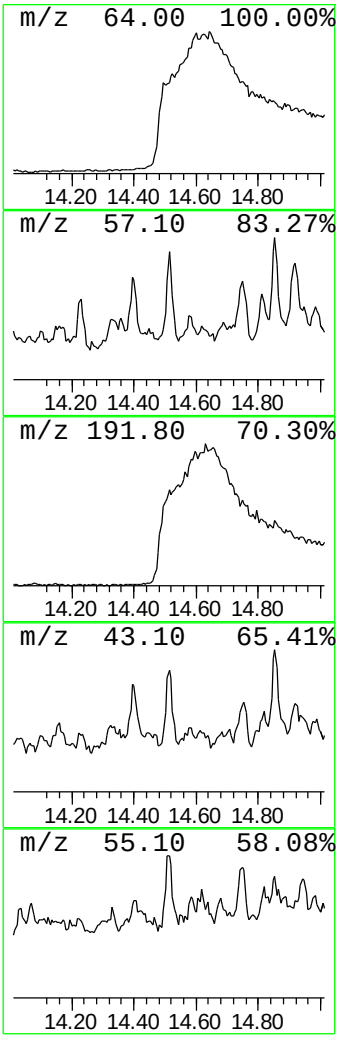
**********

Peak Number 11 unknown14.51 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.51 | 5.85 ng | 280328 | Acenaphthene-d10 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Amino-7H-S-triazolo[5,1-c]-S-t... | 156 | C3H4N6S | 013728-28-4 | 47 |
| 2 | Hexathiane | 192 | S6 | 013798-23-7 | 38 |
| 3 | 1,2-Phenylene diisothiocyanate | 192 | C8H4N2S2 | 071105-17-4 | 33 |
| 4 | Pentafluorochlorodimethyl trisul... | 250 | C2ClF5S3 | 1000226-65-9 | 33 |
| 5 | Dihydropyrimidine-2-methyl thios... | 208 | C5H8N2O3S2 | 1000256-28-8 | 28 |



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Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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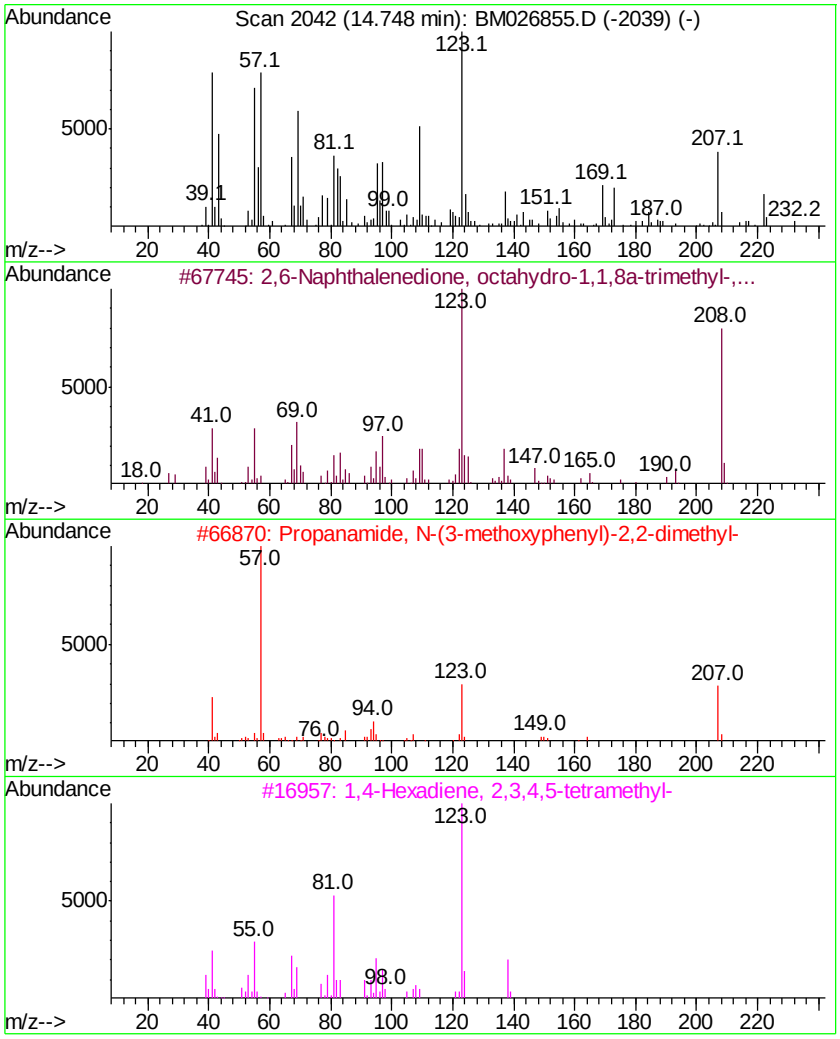
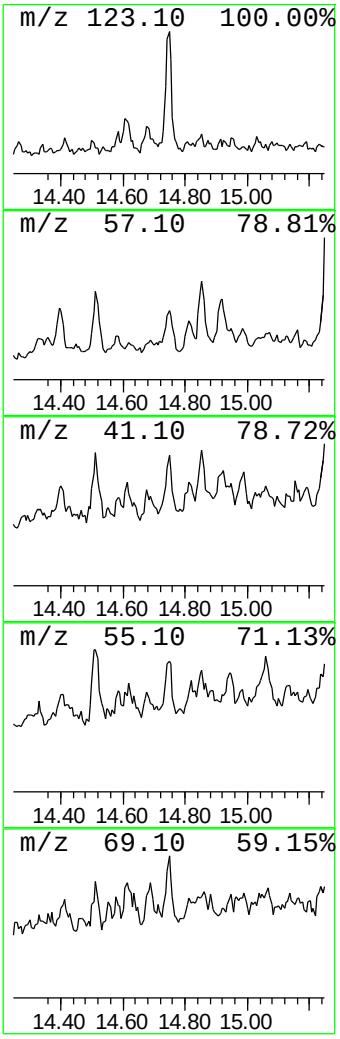
Peak Number 12 unknown14.75 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.75 | 3.21 ng | 153638 | Acenaphthene-d10 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,6-Naphthalenedione, octahydro-... | 208 | C13H20O2 | 057289-16-4 | 49 |
| 2 | Propanamide, N-(3-methoxyphenyl)... | 207 | C12H17NO2 | 056619-93-3 | 43 |
| 3 | 1,4-Hexadiene, 2,3,4,5-tetramethyl- | 138 | C10H18 | 051504-54-2 | 38 |
| 4 | Pentanamide, N-(4-methoxyphenyl)- | 207 | C12H17NO2 | 1000306-89-3 | 38 |
| 5 | Magnesium, bis(2,4-pentanedionat... | 222 | C10H14MgO4 | 014024-56-7 | 38 |



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Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

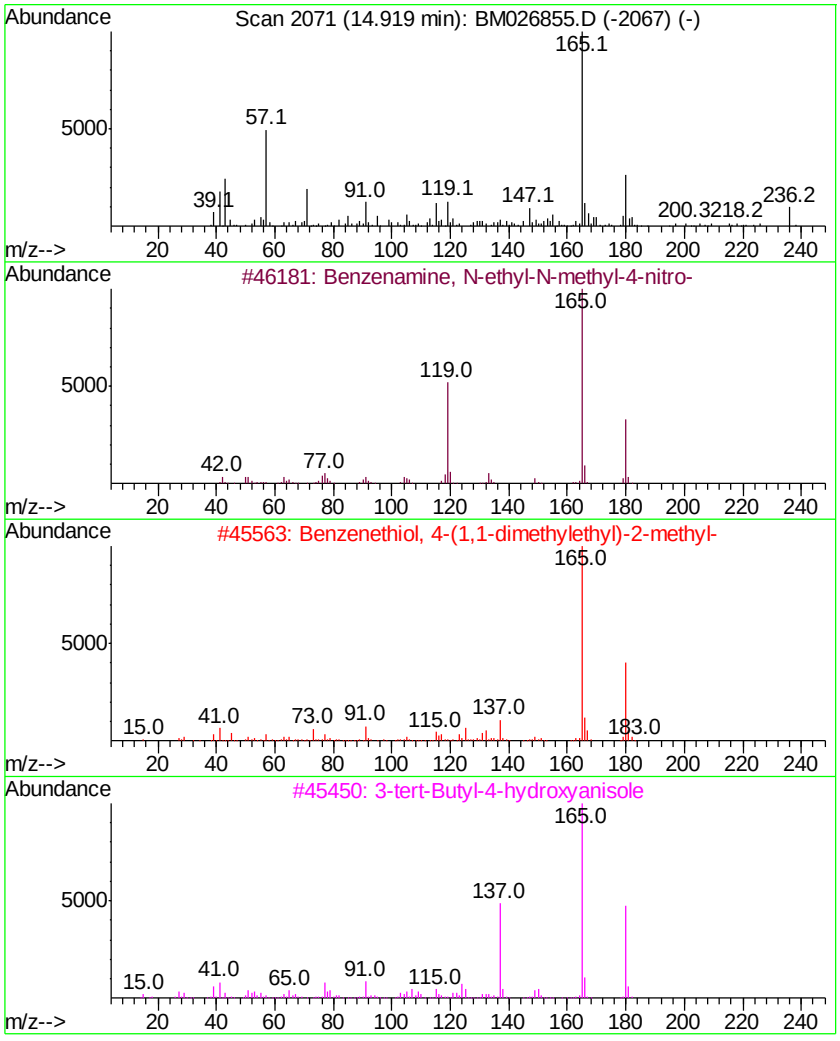
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

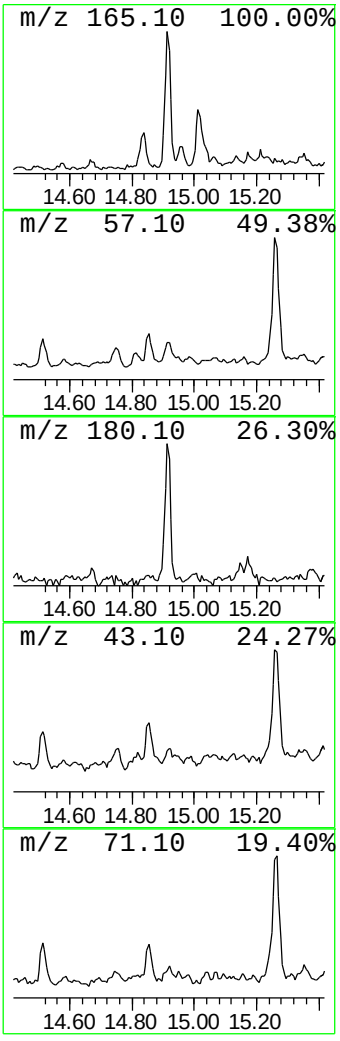
**********

Peak Number 13 Benzenamine, N-ethyl-N-meth... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.92 | 2.44 ng | 116865 | Acenaphthene-d10 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenamine, N-ethyl-N-methyl-4-... | 180 | C9H12N2O2 | 056269-48-8 | 58 |
| 2 | Benzenethiol, 4-(1,1-dimethyleth... | 180 | C11H16S | 015570-10-2 | 52 |
| 3 | 3-tert-Butyl-4-hydroxyanisole | 180 | C11H16O2 | 000121-00-6 | 52 |
| 4 | 2',4'-Dimethoxyacetophenone | 180 | C10H12O3 | 000829-20-9 | 50 |
| 5 | Silane, (4-methoxyphenyl)trimethyl- | 180 | C10H16OSi | 000877-68-9 | 50 |



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Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

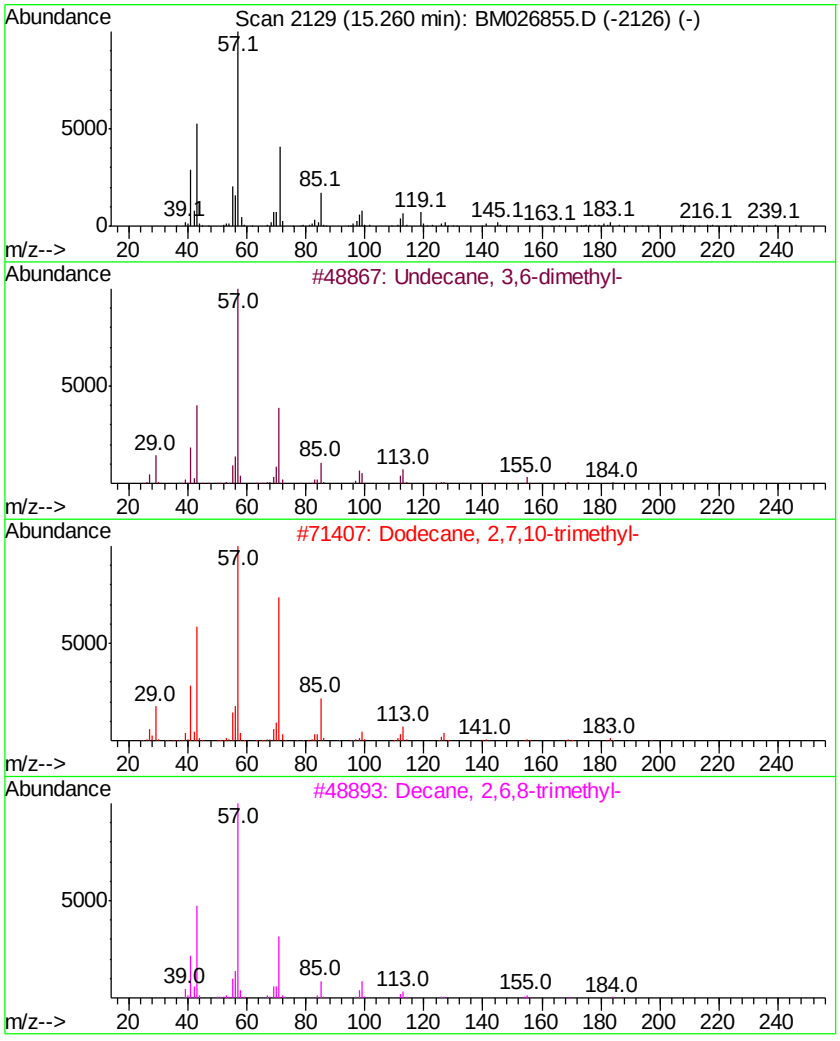
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

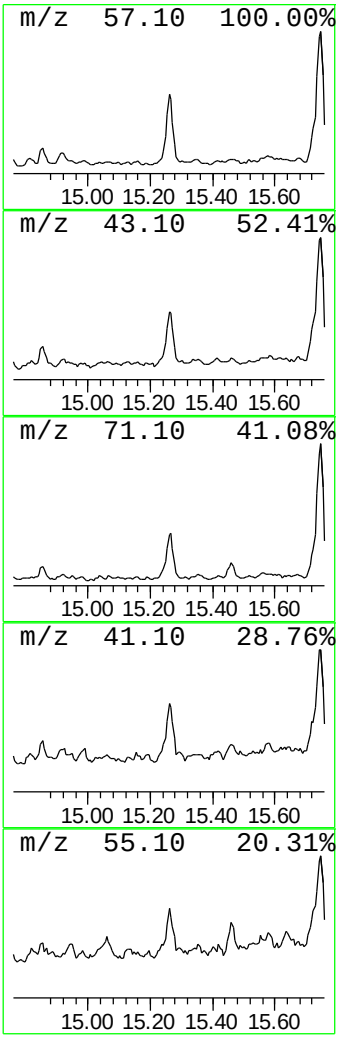
**********

Peak Number 14 Undecane, 3,6-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.26 | 4.78 ng | 228848 | Acenaphthene-d10 | 13.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 3,6-dimethyl- | 184 | C13H28 | 017301-28-9 | 78 |
| 2 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 72 |
| 3 | Decane, 2,6,8-trimethyl- | 184 | C13H28 | 062108-26-3 | 72 |
| 4 | Octane, 2,7-dimethyl- | 142 | C10H22 | 001072-16-8 | 72 |
| 5 | Undecane, 6-ethyl- | 184 | C13H28 | 017312-60-6 | 64 |



# Library Search Compound Report

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Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

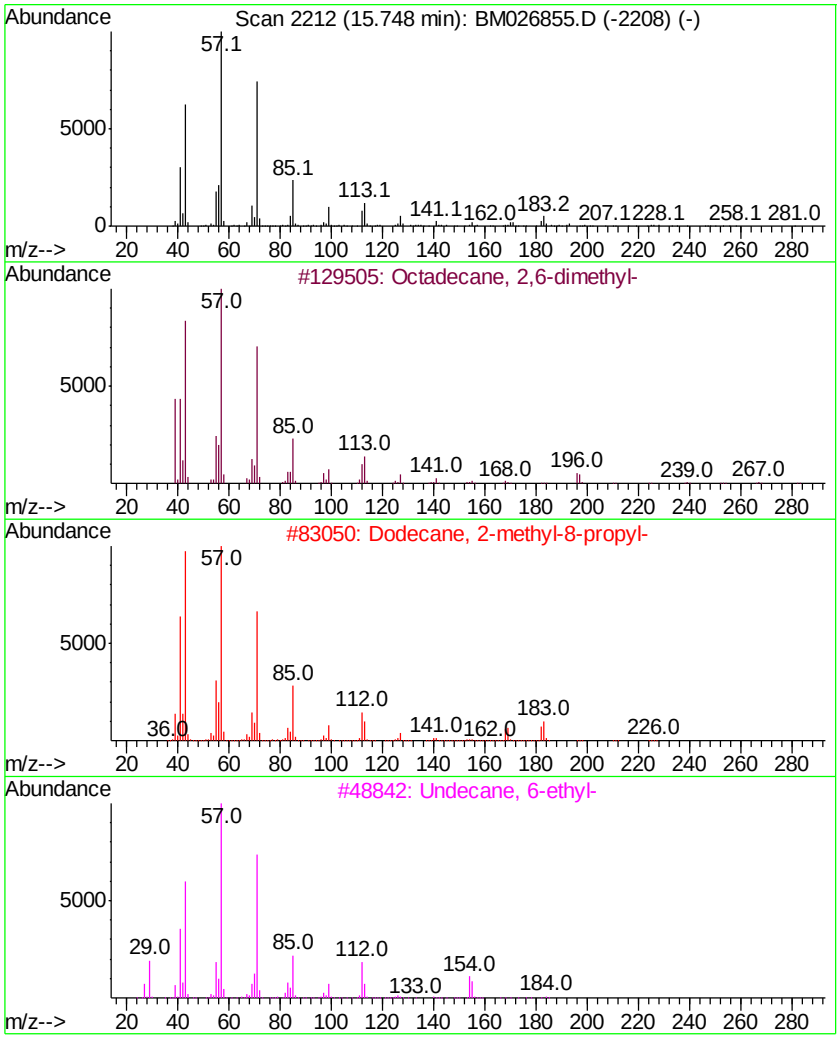
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

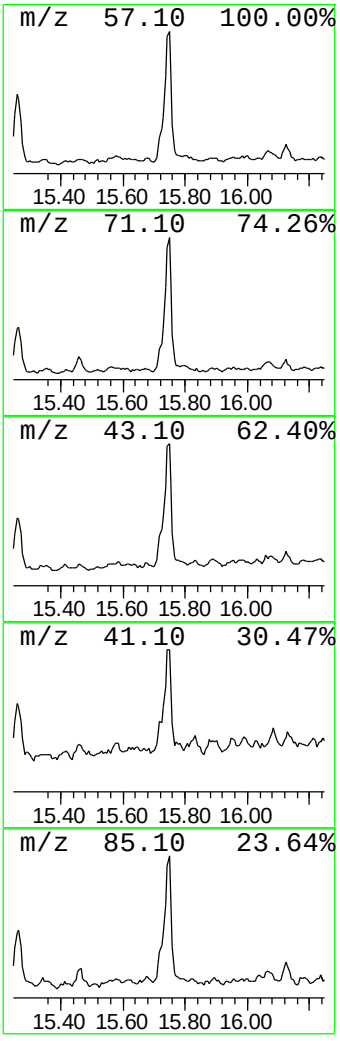
**********

Peak Number 15 Octadecane, 2,6-dimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.75 | 11.15 ng | 578208 | Phenanthrene-d10 | 16.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane, 2,6-dimethyl- | 282 | C20H42 | 075163-97-2 | 90 |
| 2 | Dodecane, 2-methyl-8-propyl- | 226 | C16H34 | 055045-07-3 | 90 |
| 3 | Undecane, 6-ethyl- | 184 | C13H28 | 017312-60-6 | 83 |
| 4 | Undecane, 3,6-dimethyl- | 184 | C13H28 | 017301-28-9 | 81 |
| 5 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 78 |



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Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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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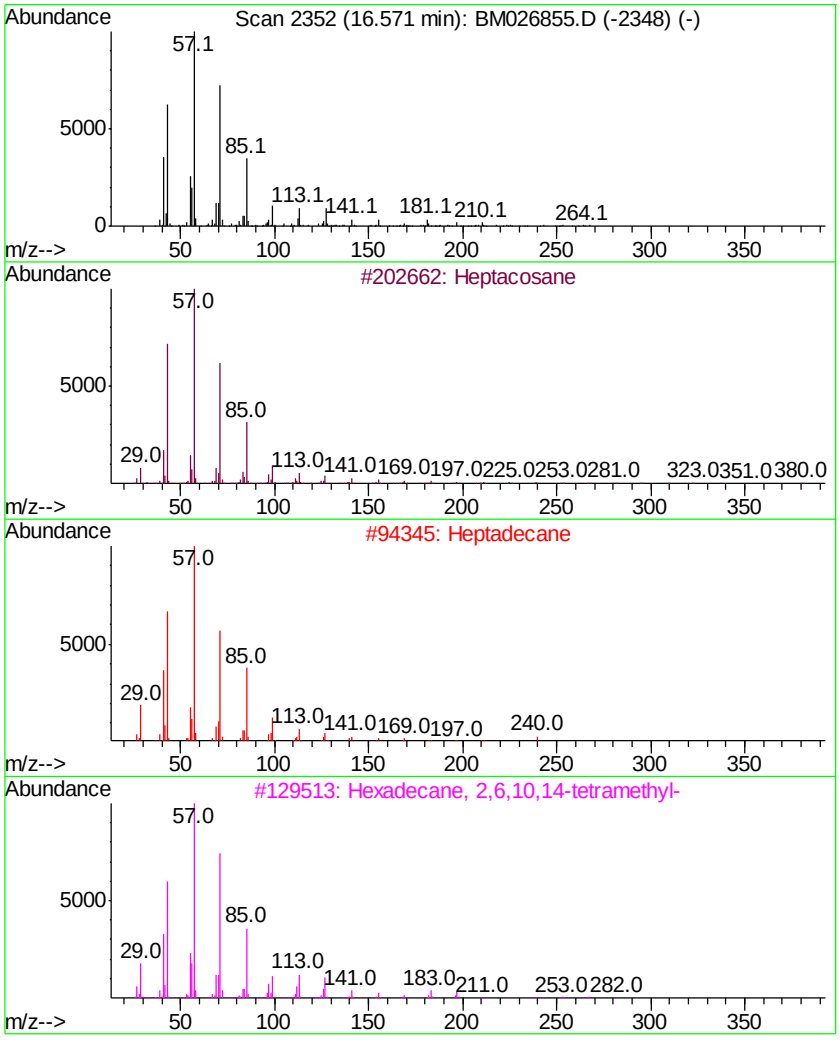
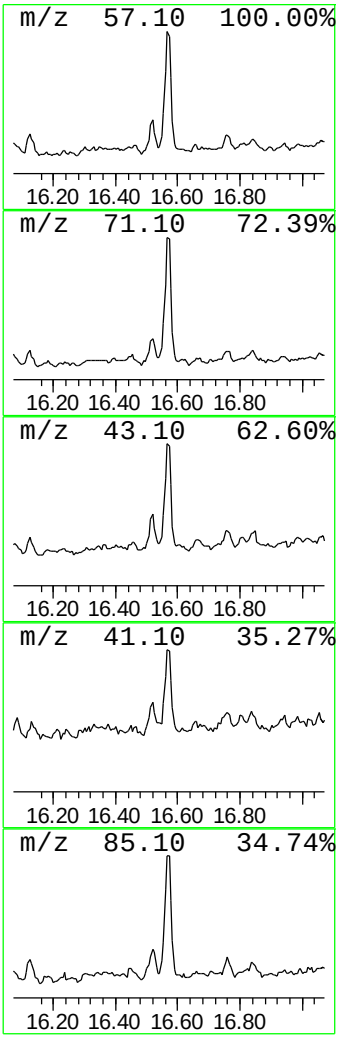
Peak Number 16 Heptacosane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.57 | 8.03 ng | 416528 | Phenanthrene-d10 | 16.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 3 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 90 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 86 |
| 5 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

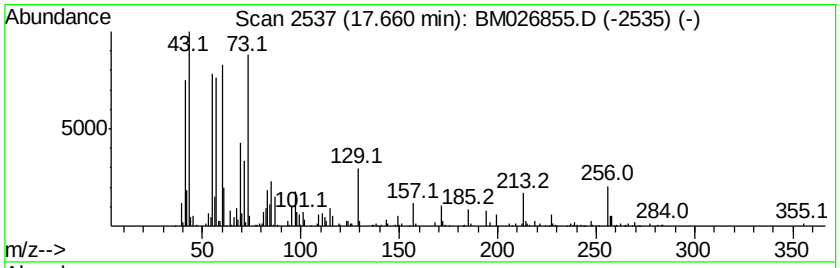
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

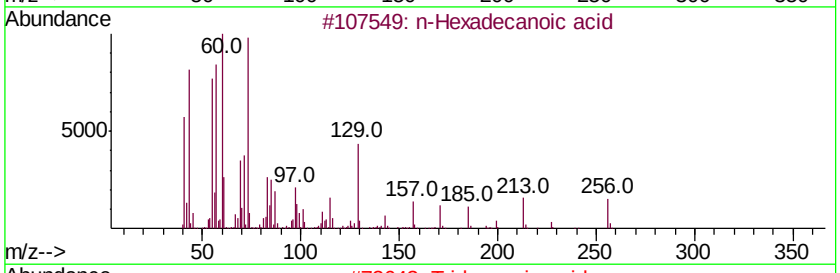
**********

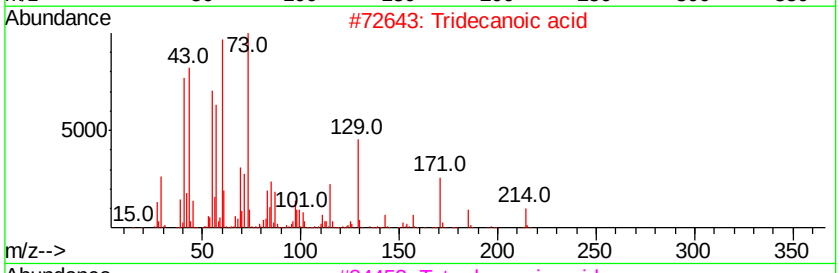
Peak Number 17 n-Hexadecanoic acid Concentration Rank 7

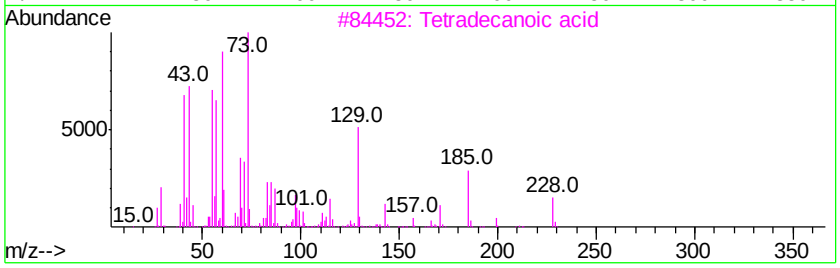
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.66 | 5.16 ng | 267405 | Phenanthrene-d10 | 16.71 |

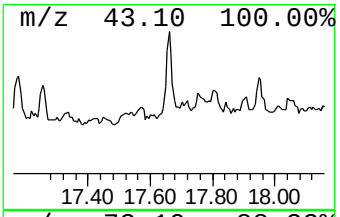
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 90 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 89 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 76 |
| 5 | Dodecanoic acid, 1-methylethyl e... | 242 | C15H30O2 | 010233-13-3 | 53 |

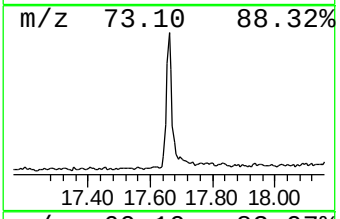


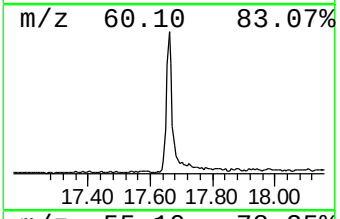



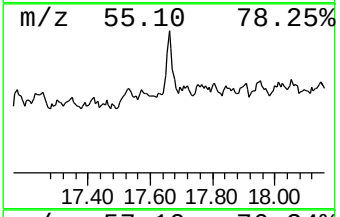



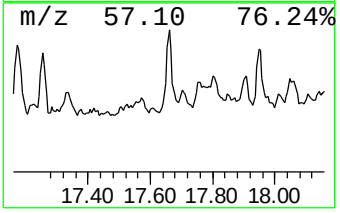



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

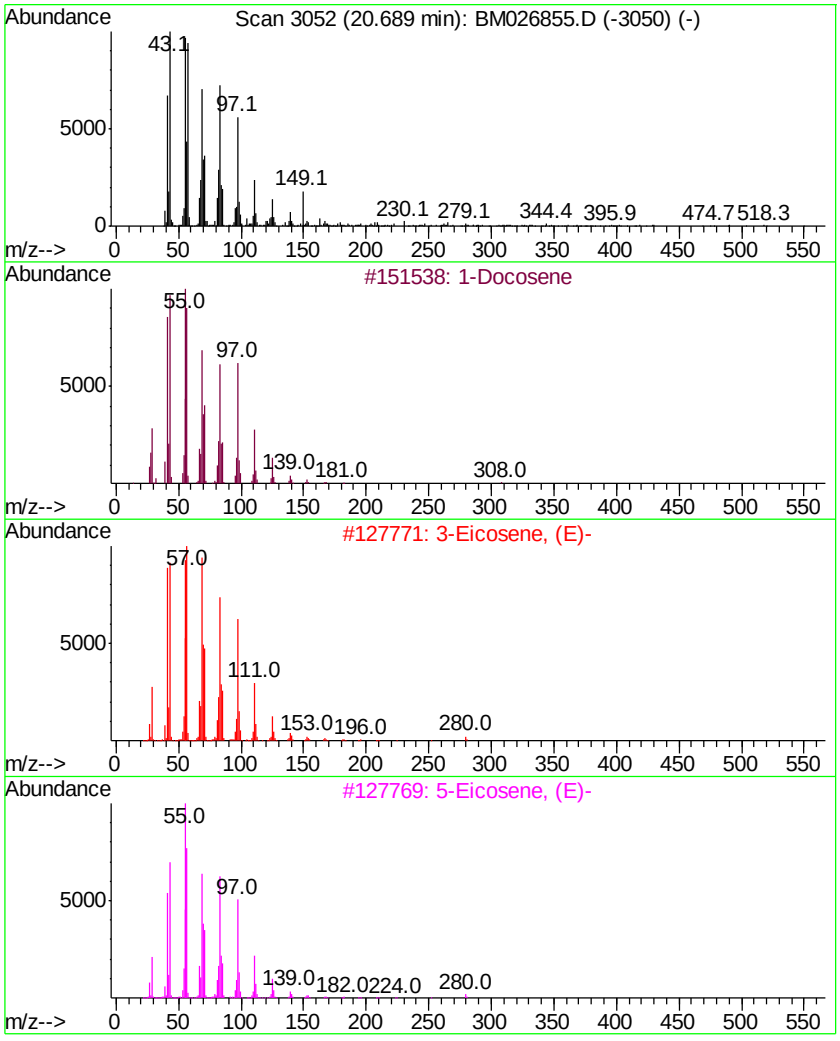
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

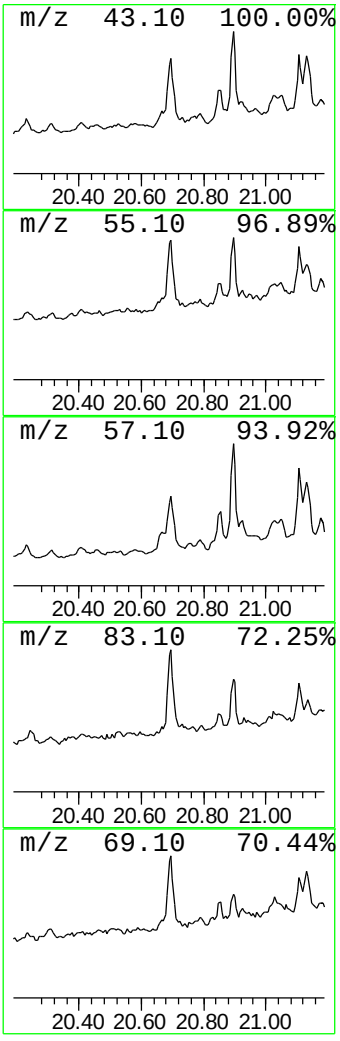
**********

Peak Number 18 1-Docosene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.69 | 10.43 ng | 918876 | Chrysene-d12 | 20.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 98 |
| 2 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 96 |
| 3 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 93 |
| 4 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 93 |
| 5 | Octacosanol | 410 | C28H58O | 000557-61-9 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

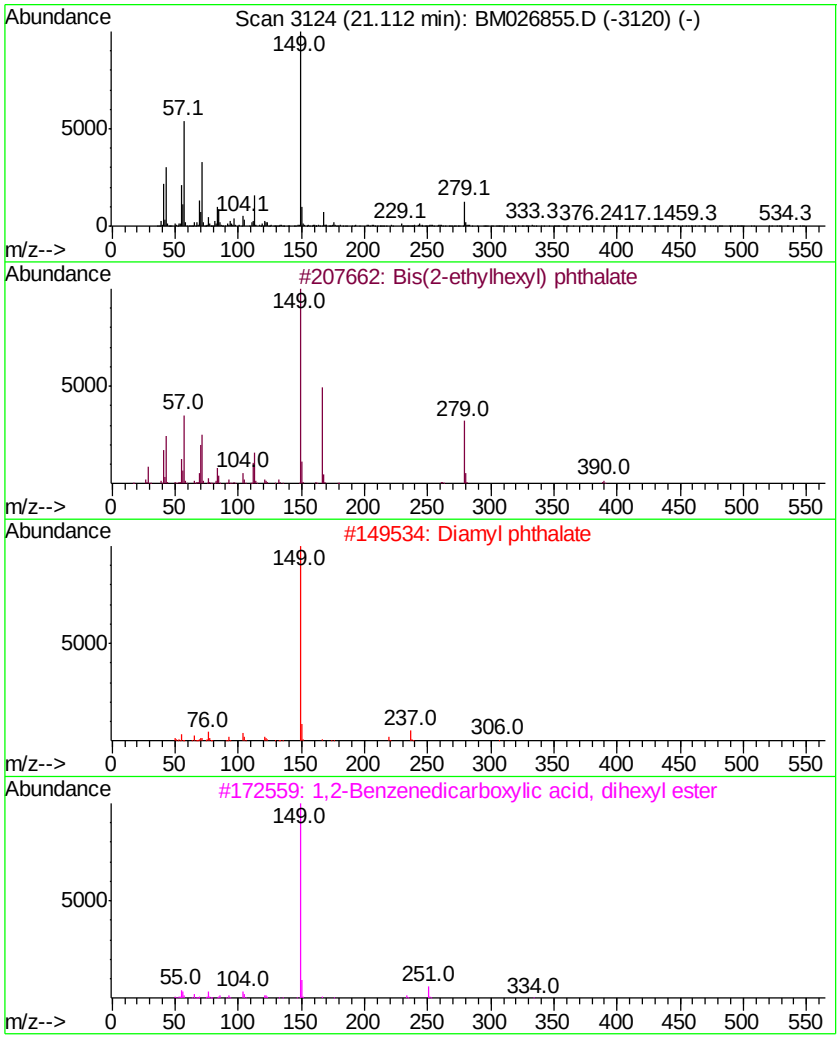
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

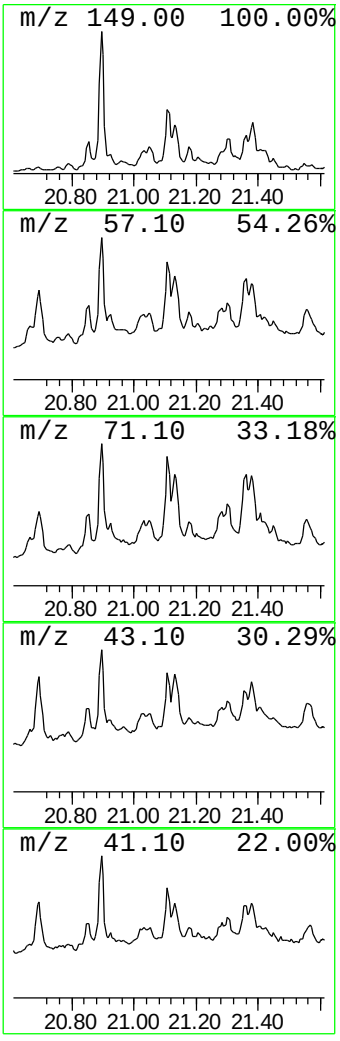
**********

Peak Number 19 Diamyl phthalate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.11 | 10.83 ng | 954305 | Chrysene-d12 | 20.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bis(2-ethylhexyl) phthalate | 390 | C24H38O4 | 000117-81-7 | 90 |
| 2 | Diamyl phthalate | 306 | C18H26O4 | 000131-18-0 | 50 |
| 3 | 1,2-Benzenedicarboxylic acid, di... | 334 | C20H30O4 | 000084-75-3 | 50 |
| 4 | Phthalic acid, hexyl 4-methylpen... | 334 | C20H30O4 | 1000356-87-6 | 49 |
| 5 | Diisooctyl phthalate | 390 | C24H38O4 | 000131-20-4 | 49 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072320\
Data File : BM026855.D
Acq On : 23 Jul 2020 17:31
Operator : JU/CG
Sample : L3381-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 364-GRID-A7-A8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.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 |
| unknown6.92 | 6.92 | 3.9 | ng | 142140 | 1 | 7.28 | 729473 | 20.0 |
| Pentane, 2,2,3,4-... | 7.81 | 3.5 | ng | 126832 | 1 | 7.28 | 729473 | 20.0 |
| Benzenethiol, 3-m... | 8.24 | 6.0 | ng | 218343 | 1 | 7.28 | 729473 | 20.0 |
| Heptadecane, 2,6-... | 10.22 | 2.4 | ng | 112877 | 2 | 10.03 | 941151 | 20.0 |
| Octane, 3,6-dimet... | 11.08 | 4.8 | ng | 224031 | 2 | 10.03 | 941151 | 20.0 |
| Dodecane, 2,7,10-... | 12.48 | 4.6 | ng | 219794 | 3 | 13.95 | 958372 | 20.0 |
| 5-tert-Butyl-2-me... | 12.92 | 2.3 | ng | 107603 | 3 | 13.95 | 958372 | 20.0 |
| Decahydro-4,4,8,9... | 13.35 | 3.2 | ng | 151582 | 3 | 13.95 | 958372 | 20.0 |
| unknown13.77 | 13.77 | 2.7 | ng | 129883 | 3 | 13.95 | 958372 | 20.0 |
| unknown14.51 | 14.51 | 5.8 | ng | 280328 | 3 | 13.95 | 958372 | 20.0 |
| unknown14.75 | 14.75 | 3.2 | ng | 153638 | 3 | 13.95 | 958372 | 20.0 |
| Benzenamine, N-et... | 14.92 | 2.4 | ng | 116865 | 3 | 13.95 | 958372 | 20.0 |
| Undecane, 3,6-dim... | 15.26 | 4.8 | ng | 228848 | 3 | 13.95 | 958372 | 20.0 |
| Octadecane, 2,6-d... | 15.75 | 11.2 | ng | 578208 | 4 | 16.71 | 1037450 | 20.0 |
| Heptacosane | 16.57 | 8.0 | ng | 416528 | 4 | 16.71 | 1037450 | 20.0 |
| n-Hexadecanoic acid | 17.66 | 5.2 | ng | 267405 | 4 | 16.71 | 1037450 | 20.0 |
| 1-Docosene | 20.69 | 10.4 | ng | 918876 | 5 | 20.95 | 1761730 | 20.0 |
| Diamyl phthalate | 21.11 | 10.8 | ng | 954305 | 5 | 20.95 | 1761730 | 20.0 |